

Data File : BM020559.D
Acq On : 25 May 2019 02:08
Operator : JU/SJ
Sample : PB119991BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Quant Time: May 25 05:30:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	43311	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	169672	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	129488	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	368669	20.00	ng	0.00
76) Chrysene-d12	21.26	240	475817	20.00	ng	-0.01
87) Perylene-d12	23.50	264	496016	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	389947	176.63	ng	0.00
7) Phenol-d6	6.84	99	551913	165.63	ng	0.00
23) Nitrobenzene-d5	8.83	82	367438	90.90	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	403687	155.61	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	921012	89.25	ng	0.00
79) Terphenyl-d14	19.70	244	2388235	90.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	63786	55.213	ng	97
3) Pyridine	3.57	79	117617	34.722	ng	99
4) n-Nitrosodimethylamine	3.49	42	34355	41.933	ng	# 83
6) Aniline	7.00	93	145756	30.239	ng	98
8) 2-Chlorophenol	7.22	128	127475	47.220	ng	97
9) Benzaldehyde	6.82	77	68290	32.101	ng	97
10) Phenol	6.87	94	174229	48.421	ng	95
11) bis(2-Chloroethyl)ether	7.10	93	103494	38.542	ng	98
12) 1,3-Dichlorobenzene	7.55	146	136230	39.404	ng	97
13) 1,4-Dichlorobenzene	7.69	146	135196	39.123	ng	97
14) 1,2-Dichlorobenzene	8.00	146	139658	40.312	ng	98
15) Benzyl Alcohol	7.92	79	122440	39.709	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	71126	38.004	ng	92
17) 2-Methylphenol	8.11	107	106087	44.658	ng	98
18) Hexachloroethane	8.72	117	56951	40.684	ng	92
19) n-Nitroso-di-n-propylamine	8.47	70	115659	39.090	ng	98
20) 3+4-Methylphenols	8.44	107	137169	43.057	ng	98
22) Acetophenone	8.49	105	192596	41.221	ng	# 96
24) Nitrobenzene	8.87	77	174753	43.773	ng	96
25) Isophorone	9.39	82	322467	42.871	ng	99
26) 2-Nitrophenol	9.57	139	58579	39.767	ng	97
27) 2,4-Dimethylphenol	9.63	122	108903	49.628	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	157462	40.215	ng	99
29) 2,4-Dichlorophenol	10.10	162	134664	46.141	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	165560	41.488	ng	99
31) Naphthalene	10.50	128	376837	43.014	ng	98
32) Benzoic acid	9.80	122	45216	34.478	ng	99
33) 4-Chloroaniline	10.64	127	70109	20.050	ng	97
34) Hexachlorobutadiene	10.76	225	124897	42.097	ng	99
35) Caprolactam	11.44	113	13399	13.949	ng	90
36) 4-Chloro-3-methylphenol	11.76	107	143825	45.285	ng	97
37) 2-Methylnaphthalene	12.12	142	294814	44.049	ng	99
38) 1-Methylnaphthalene	12.34	142	283736	43.754	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	235072	43.185	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	276519	101.163	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	145318	43.139	ng	96
44) 2,4,5-Trichlorophenol	12.82	196	140157	44.556	ng	99
46) 1,1'-Biphenyl	13.15	154	427555	42.872	ng	99
47) 2-Chloronaphthalene	13.19	162	348228	41.191	ng	99
48) 2-Nitroaniline	13.42	65	94929	37.211	ng	96
49) Acenaphthylene	14.04	152	553604	43.060	ng	100
50) Dimethylphthalate	13.79	163	478779	41.744	ng	99
51) 2,6-Dinitrotoluene	13.92	165	102649	42.941	ng	92
52) Acenaphthene	14.38	154	324097	41.832	ng	99
53) 3-Nitroaniline	14.26	138	48519	25.707	ng	96
54) 2,4-Dinitrophenol	14.47	184	118733	76.775	ng	97
55) Dibenzofuran	14.72	168	593507	44.269	ng	99
56) 4-Nitrophenol	14.57	139	123557	78.245	ng	96
57) 2,4-Dinitrotoluene	14.72	165	150367	43.559	ng	93
58) Fluorene	15.37	166	485809	43.622	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	171307	46.801	ng	98
60) Diethylphthalate	15.14	149	480197	42.494	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	307405	43.236	ng	99
62) 4-Nitroaniline	15.43	138	66136	32.913	ng	99
63) Azobenzene	15.66	77	494907	45.008	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	89713	39.679	ng	98
66) n-Nitrosodiphenylamine	15.59	169	434905	43.507	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	204882	41.717	ng	98
68) Hexachlorobenzene	16.36	284	246735	41.435	ng	100
69) Atrazine	16.54	200	178401	43.376	ng	99
70) Pentachlorophenol	16.72	266	291172	94.666	ng	99
71) Phenanthrene	17.12	178	851812	42.531	ng	100
72) Anthracene	17.20	178	831405	42.806	ng	100
73) Carbazole	17.49	167	705245	42.310	ng	100
74) Di-n-butylphthalate	18.03	149	838222	40.880	ng	100
75) Fluoranthene	19.13	202	1204611	43.252	ng	100
77) Benzidine	19.34	184	371462	42.480	ng	100
78) Pyrene	19.50	202	1247969	41.777	ng	100
80) Butylbenzylphthalate	20.40	149	425566	40.546	ng	98
81) Benzo(a)anthracene	21.24	228	1340695	40.711	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	353987	29.450	ng	100
83) Chrysene	21.30	228	1368947	43.020	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	622436	40.689	ng	99
85) Di-n-octyl phthalate	22.04	149	1110434	41.755	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1544941	40.154	ng	100
88) Benzo(b)fluoranthene	22.82	252	1459855	44.967	ng	98
89) Benzo(k)fluoranthene	22.87	252	1469205	46.629	ng	99
90) Benzo(a)pyrene	23.40	252	1394403	46.675	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	1333390	43.602	ng	99
92) Benzo(g,h,i)perylene	26.46	276	1244803	43.911	ng	100

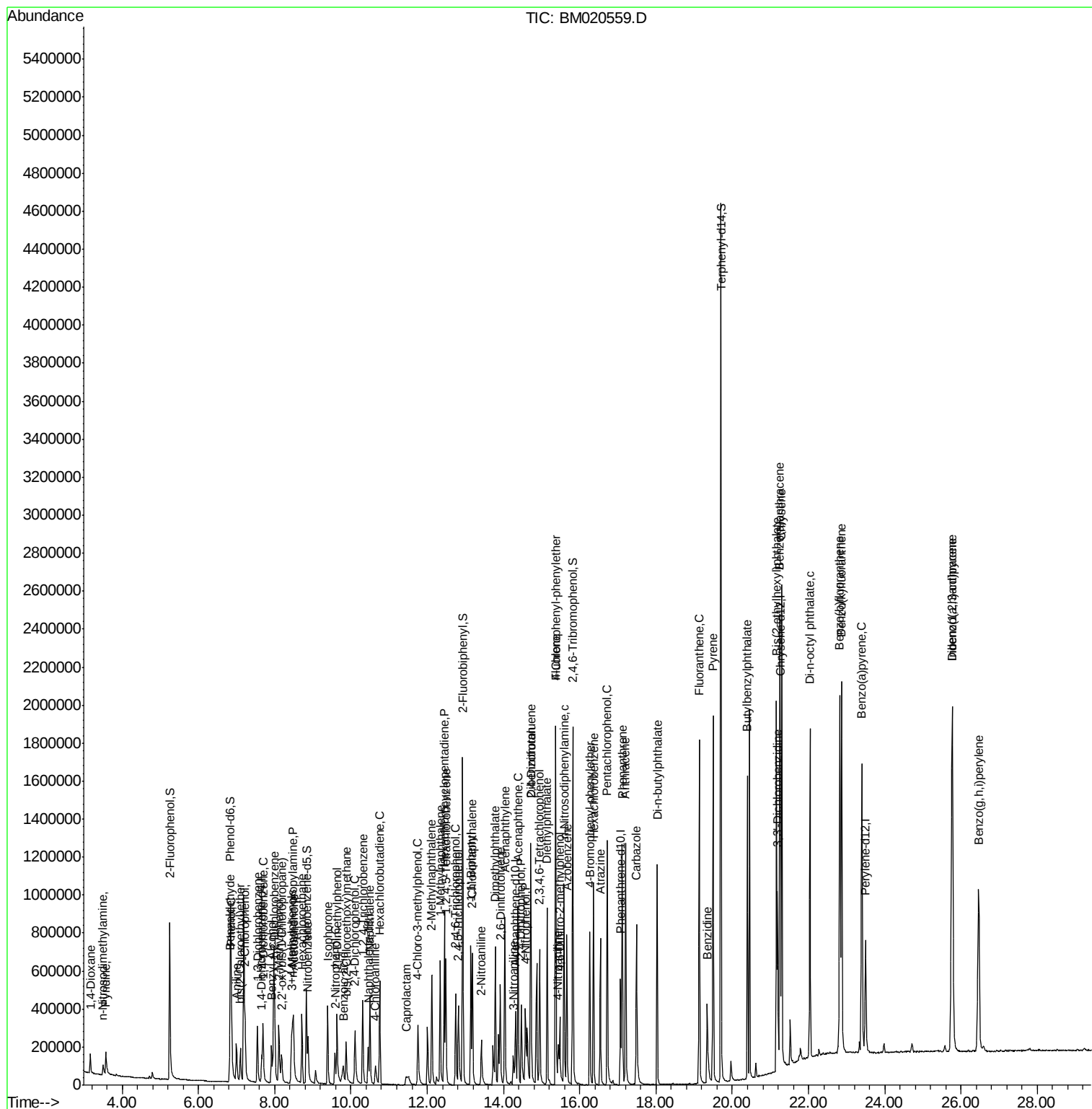
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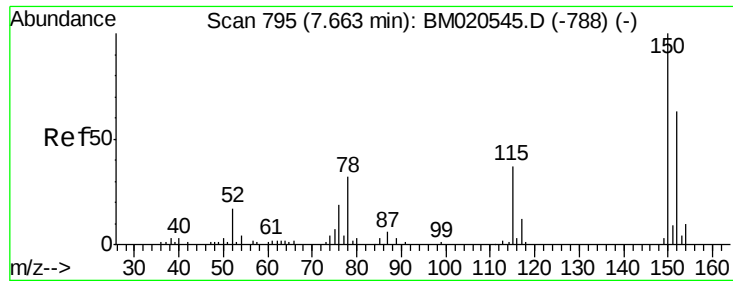
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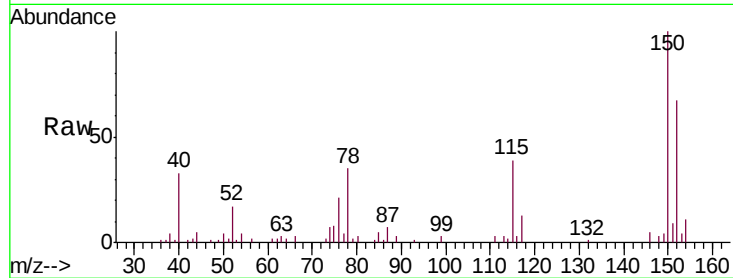




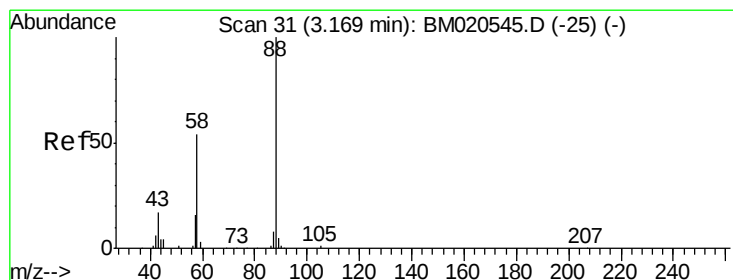
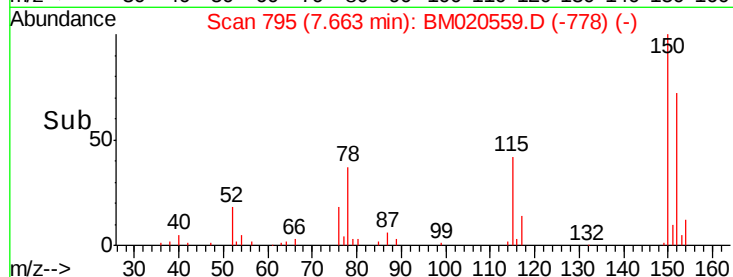
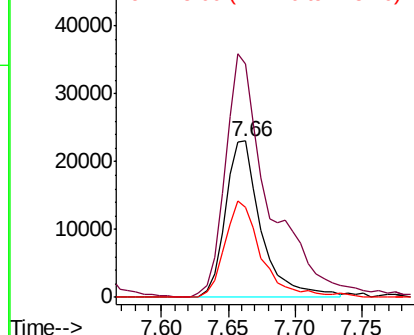
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleID :
 PB119991BS

Tgt Ion:152 Resp: 43311
 Ion Ratio Lower Upper
 152 100
 150 149.2 126.6 190.0
 115 57.9 46.6 70.0

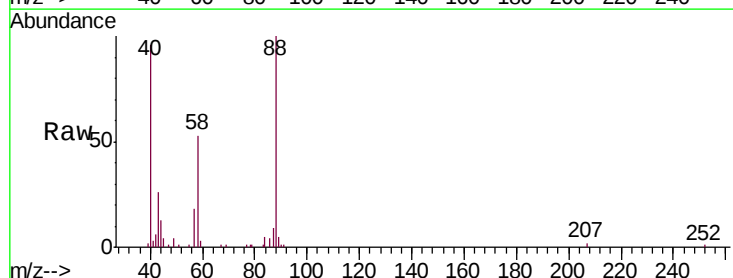


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

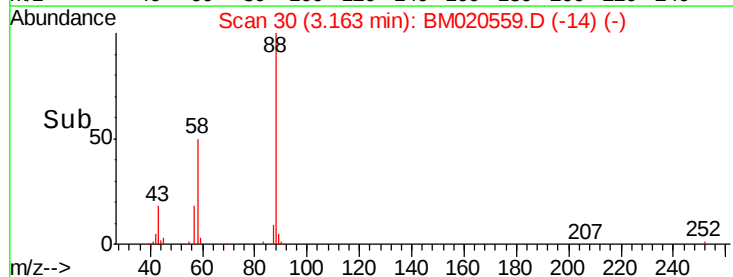
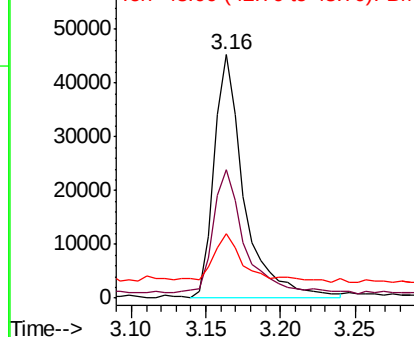


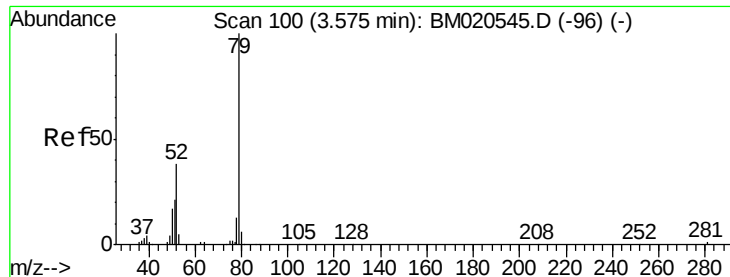
#2
 1,4-Dioxane
 Concen: 55.213 ng
 RT: 3.16 min Scan# 30
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion: 88 Resp: 63786
 Ion Ratio Lower Upper
 88 100
 58 50.6 42.3 63.5
 43 21.5 16.0 24.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 34.722 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

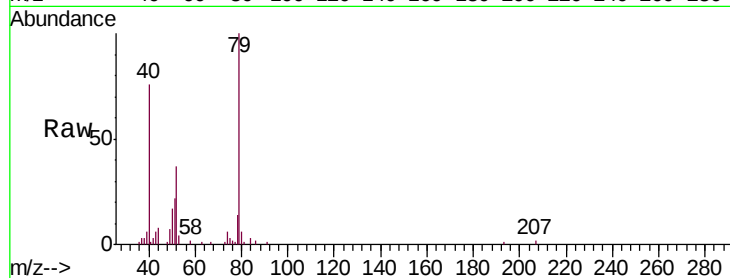
Tgt Ion: 79 Resp: 117617

Ion Ratio Lower Upper

79 100

52 36.6 30.1 45.1

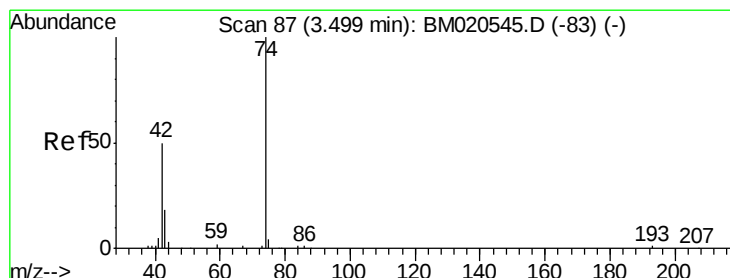
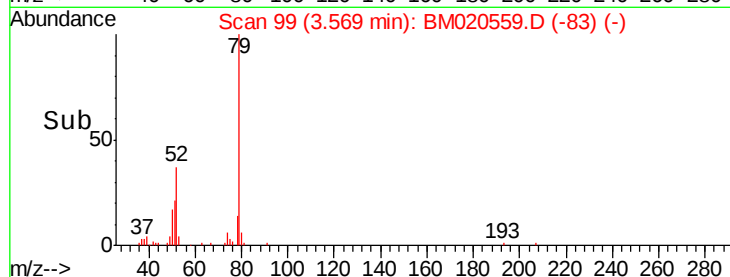
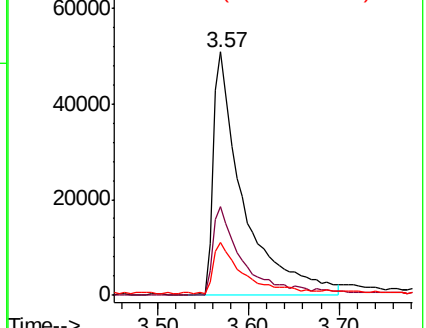
51 21.8 17.8 26.8



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020545.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 41.933 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

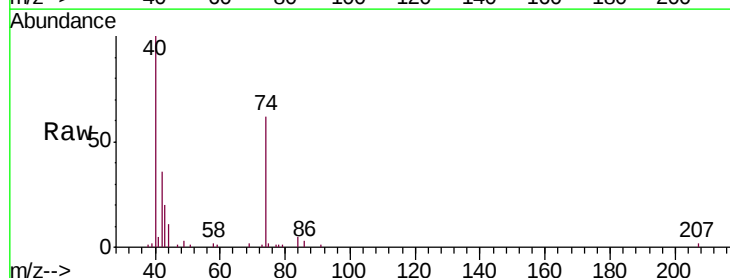
Tgt Ion: 42 Resp: 34355

Ion Ratio Lower Upper

42 100

74 173.5 161.1 241.7

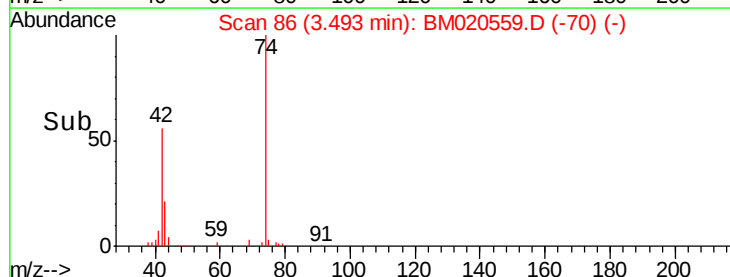
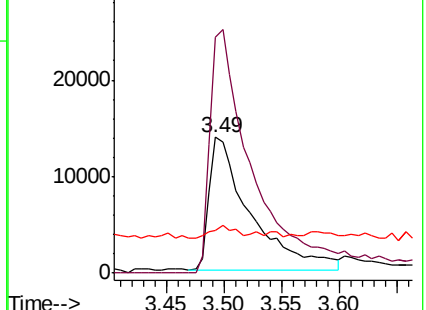
44 31.5 20.9 31.3#

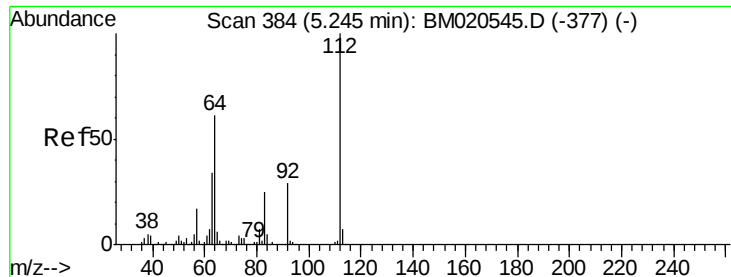


Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM020545.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM020545.D (-83) (-)





#5

2-Fluorophenol

Concen: 176.631 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020559.D

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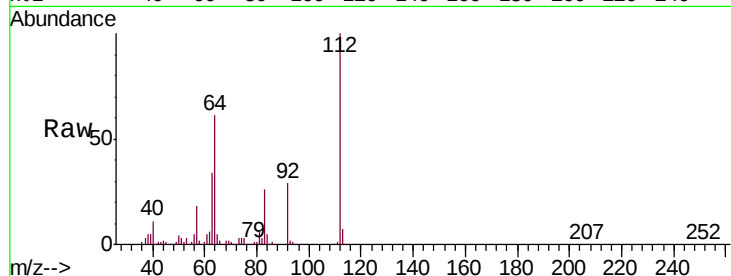
Tgt Ion:112 Resp: 389947

Ion Ratio Lower Upper

112 100

64 60.8 48.6 73.0

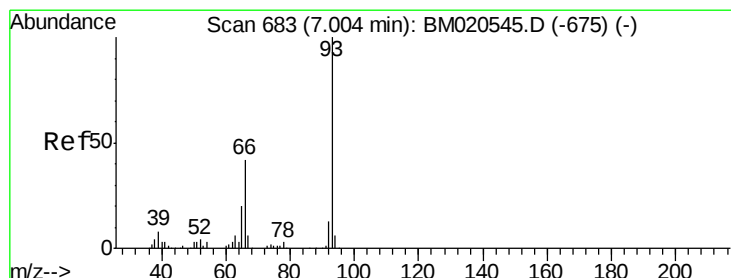
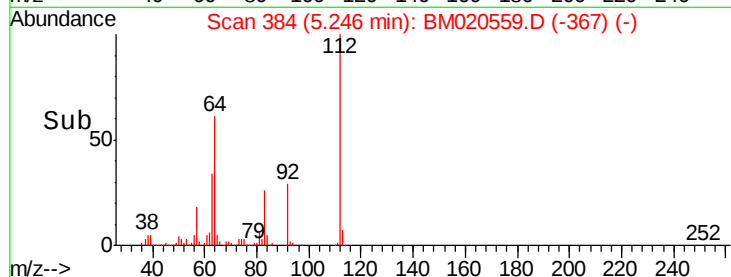
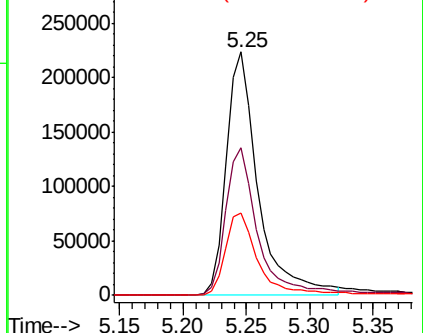
63 34.0 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.239 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

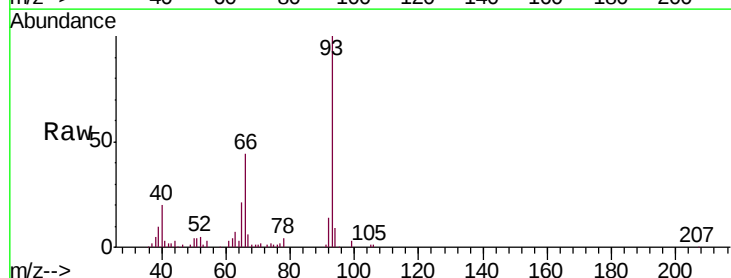
Tgt Ion: 93 Resp: 145756

Ion Ratio Lower Upper

93 100

66 44.5 34.5 51.7

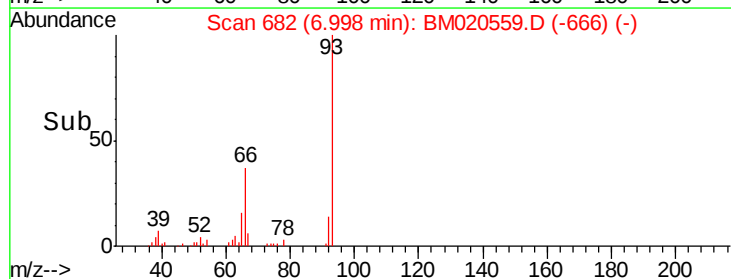
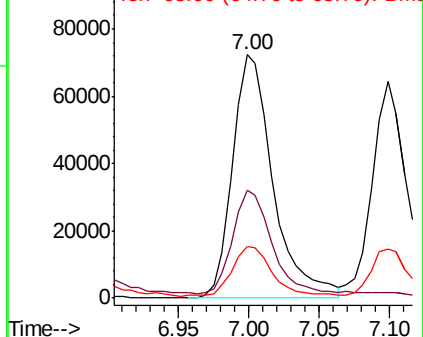
65 21.2 16.2 24.2

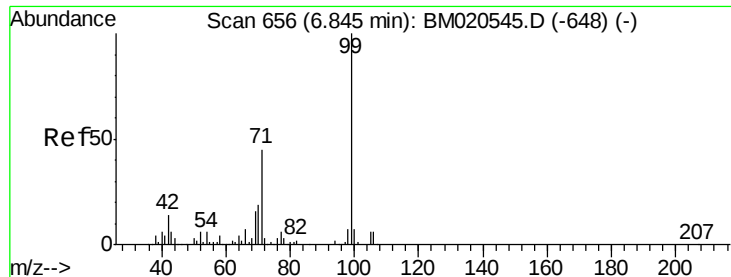


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 165.631 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

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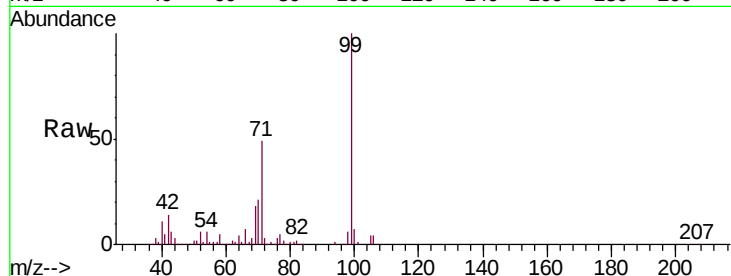
Tgt Ion: 99 Resp: 551913

Ion Ratio Lower Upper

99 100

42 14.1 10.8 16.2

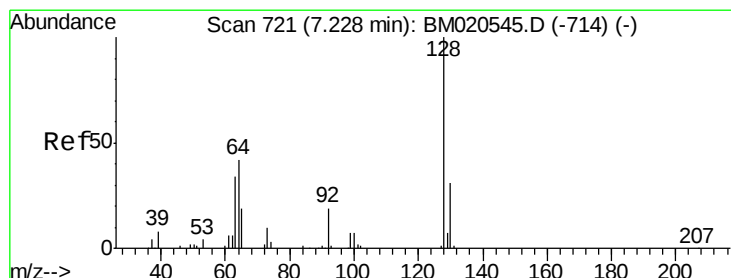
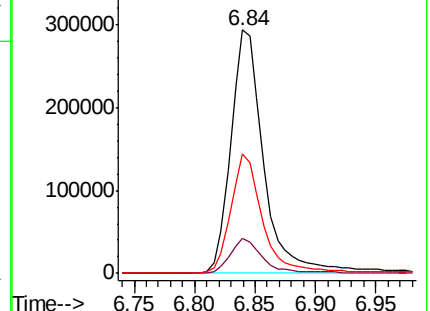
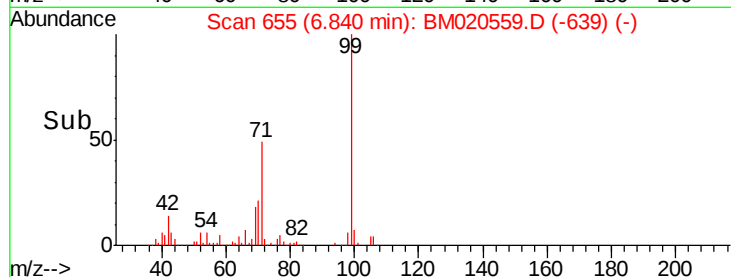
71 49.0 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#8

2-Chlorophenol

Concen: 47.220 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

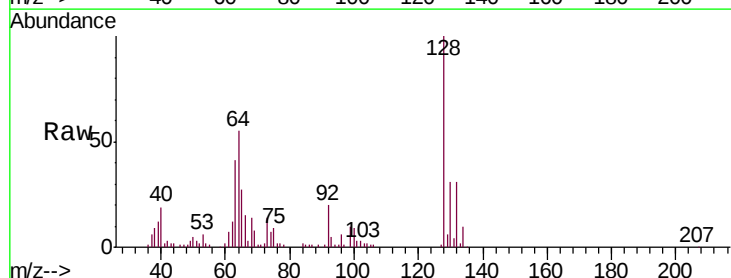
Tgt Ion: 128 Resp: 127475

Ion Ratio Lower Upper

128 100

130 30.9 11.2 51.2

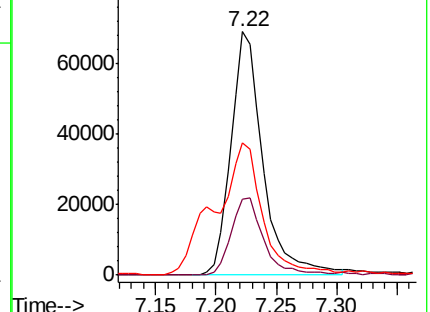
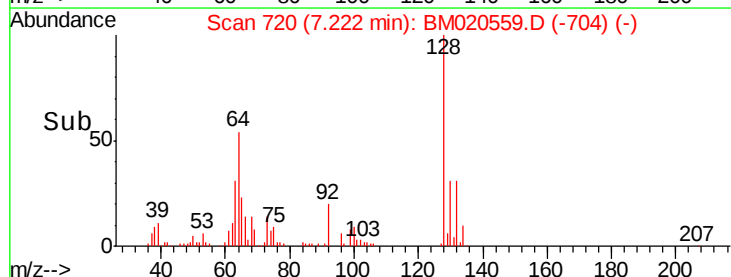
64 54.5 31.1 71.1

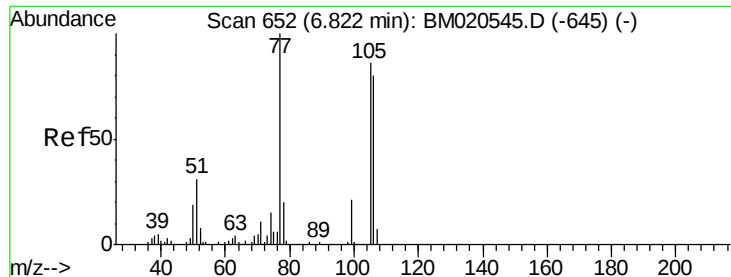


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM020545.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM020545.D (-714) (-)





#9

Benzaldehyde

Concen: 32.101 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

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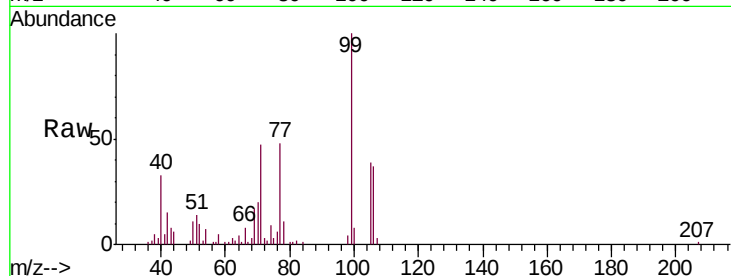
Tgt Ion: 77 Resp: 68290

Ion Ratio Lower Upper

77 100

105 82.6 66.1 106.1

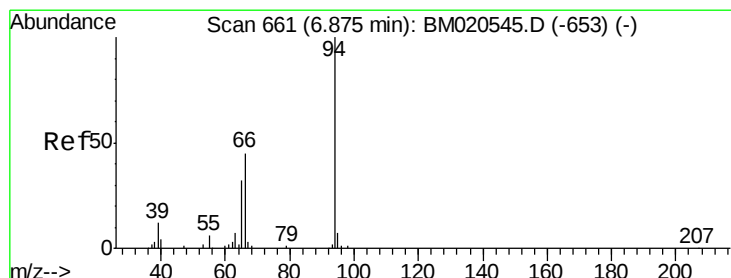
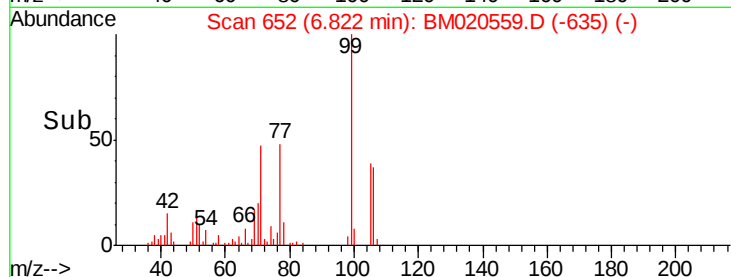
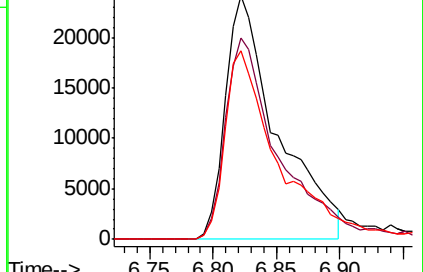
106 77.5 60.0 100.0



Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM020545.D (-645) (-)



#10

Phenol

Concen: 48.421 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

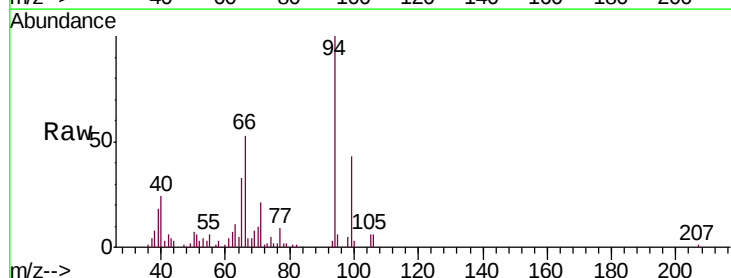
Tgt Ion: 94 Resp: 174229

Ion Ratio Lower Upper

94 100

65 33.0 12.4 52.4

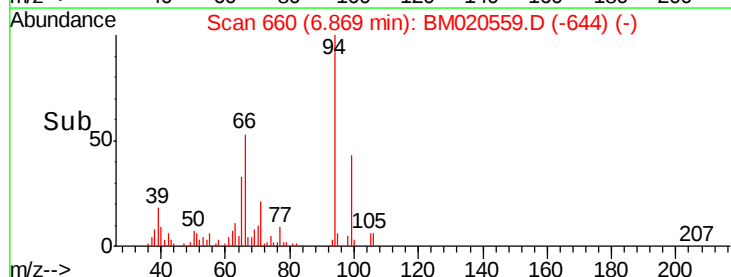
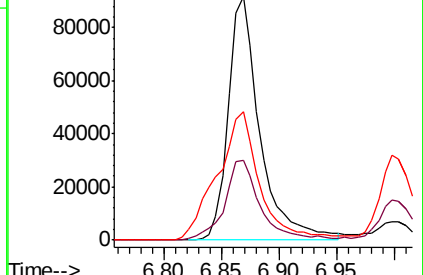
66 52.6 27.4 67.4

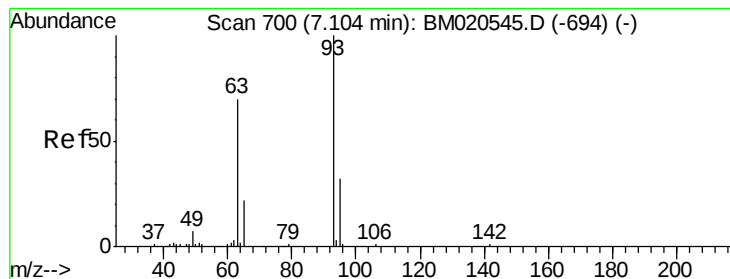


Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM020545.D (-653) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.542 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

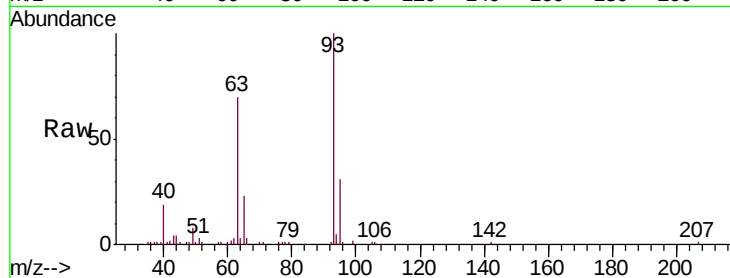
Tgt Ion: 93 Resp: 103494

Ion Ratio Lower Upper

93 100

63 70.1 47.6 87.6

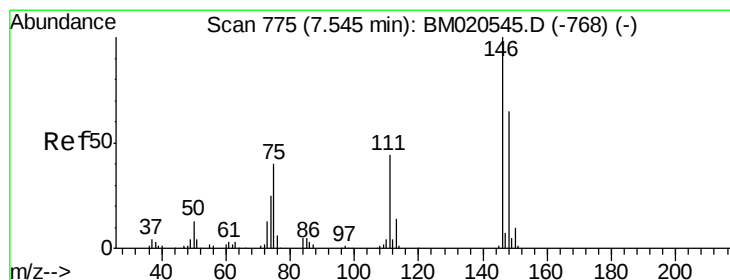
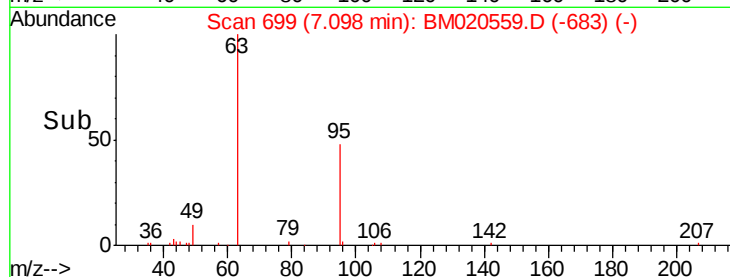
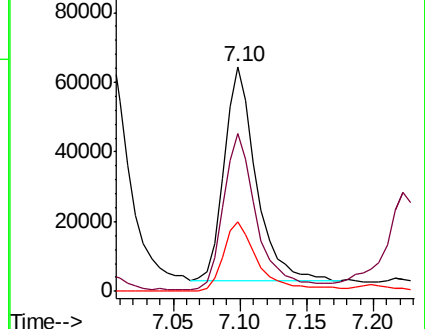
95 30.8 10.9 50.9



Abundance Ion 93.00 (92.70 to 93.70): BM020545.D (-694) (-)

Ion 63.00 (62.70 to 63.70): BM020545.D (-694) (-)

Ion 95.00 (94.70 to 95.70): BM020545.D (-694) (-)



#12

1,3-Dichlorobenzene

Concen: 39.404 ng

RT: 7.55 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

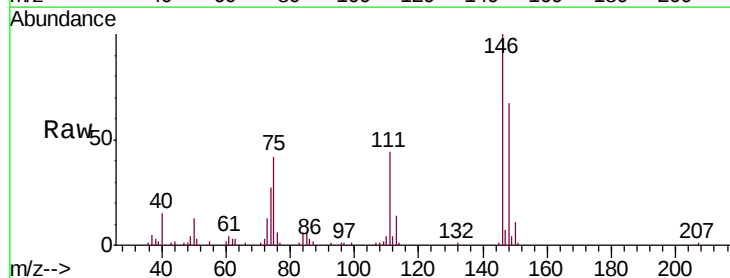
Tgt Ion: 146 Resp: 136230

Ion Ratio Lower Upper

146 100

148 66.5 51.9 77.9

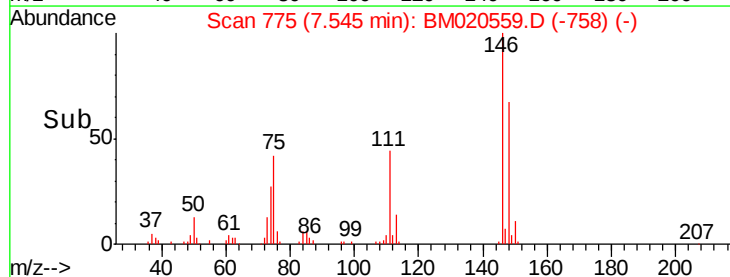
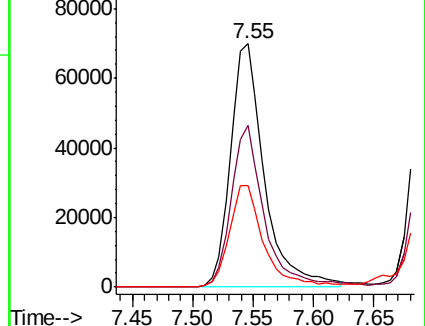
75 41.6 31.6 47.4

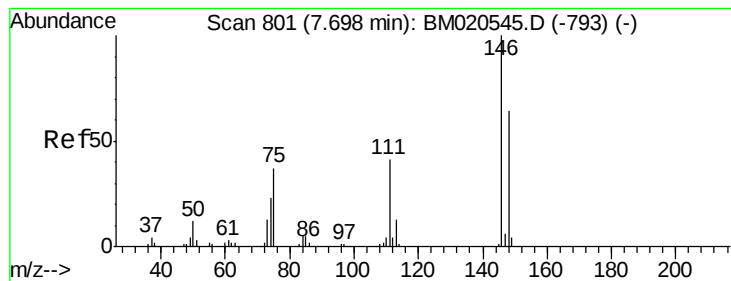


Abundance Ion 146.00 (145.70 to 146.70): BM020545.D (-768) (-)

Ion 148.00 (147.70 to 148.70): BM020545.D (-768) (-)

Ion 75.00 (74.70 to 75.70): BM020545.D (-768) (-)





#13

1,4-Dichlorobenzene

Concen: 39.123 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

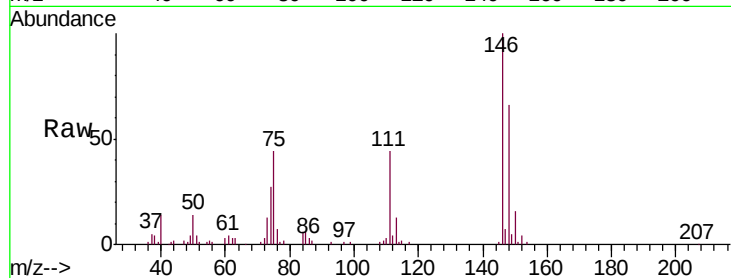
Tgt Ion:146 Resp: 135196

Ion Ratio Lower Upper

146 100

148 65.9 51.1 76.7

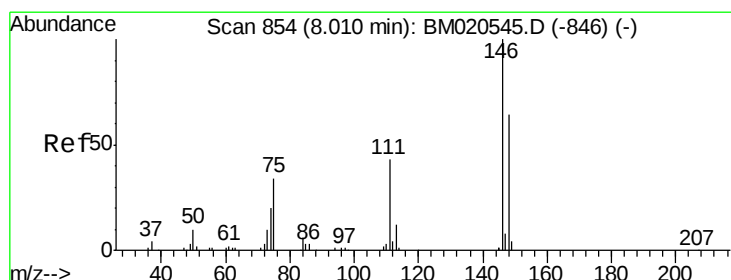
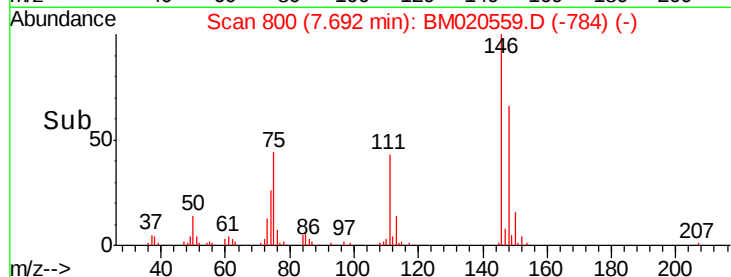
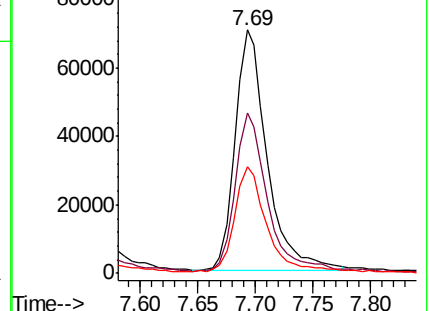
111 43.6 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.312 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

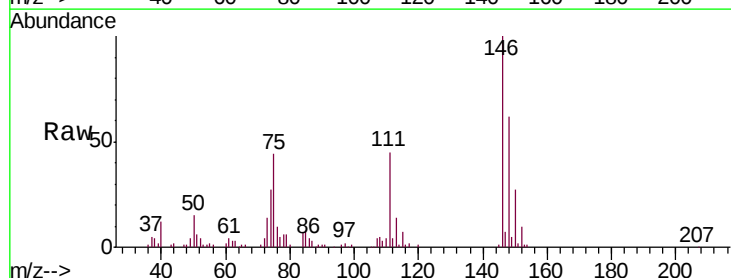
Tgt Ion:146 Resp: 139658

Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

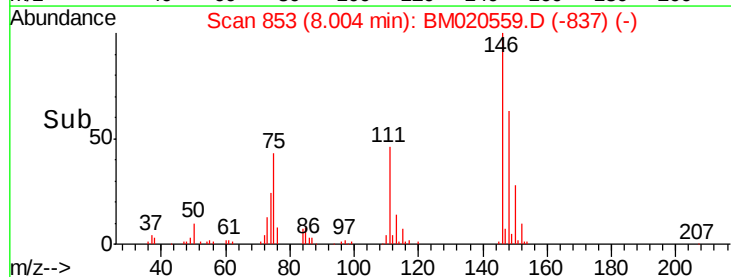
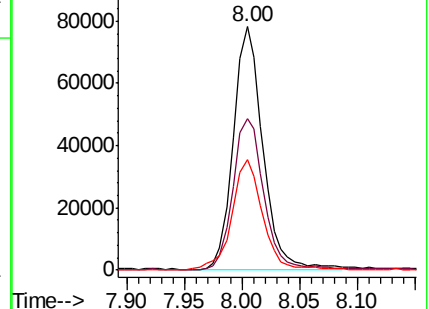
111 45.3 35.2 52.8

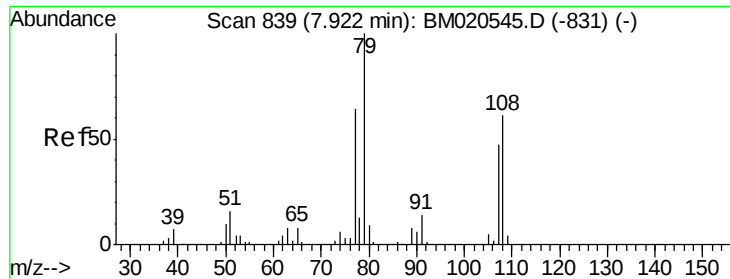


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.709 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

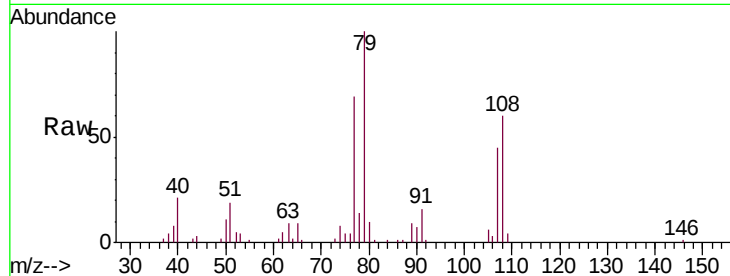
Tgt Ion: 79 Resp: 122440

Ion Ratio Lower Upper

79 100

108 59.5 48.5 72.7

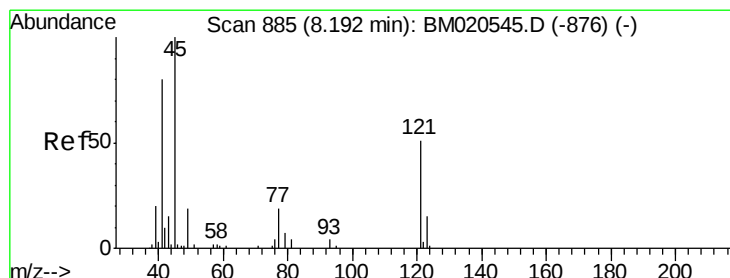
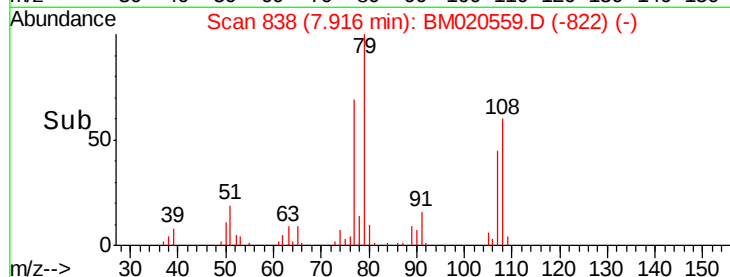
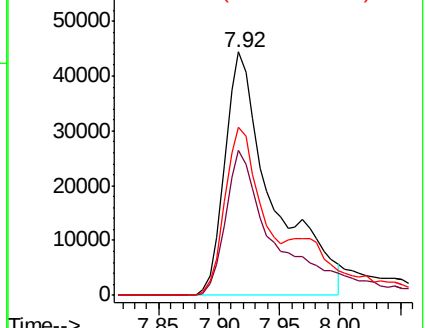
77 69.0 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM020545.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM020545.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.004 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

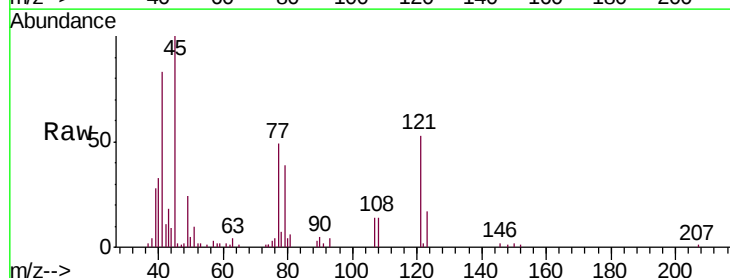
Tgt Ion: 45 Resp: 71126

Ion Ratio Lower Upper

45 100

77 49.0 25.0 65.0

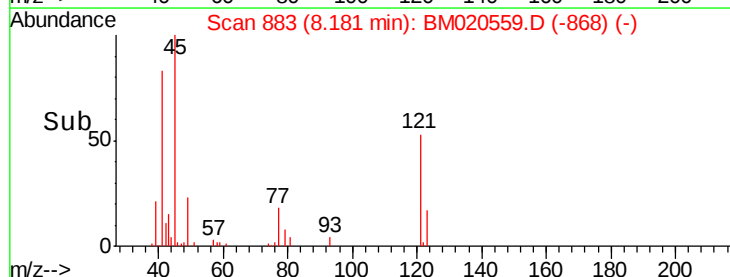
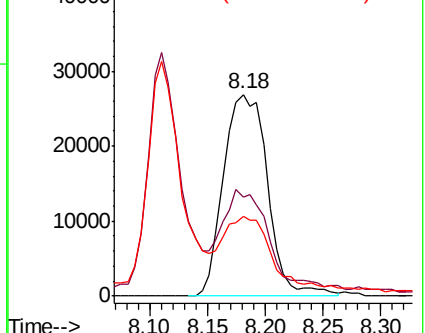
79 39.4 13.1 53.1

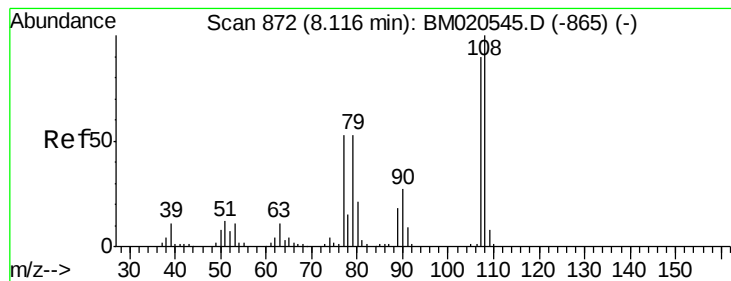


Abundance Ion 45.00 (44.70 to 45.70): BM020545.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM020545.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM020545.D (-876) (-)





#17

2-Methylphenol

Concen: 44.658 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tgt Ion:107 Resp: 106087

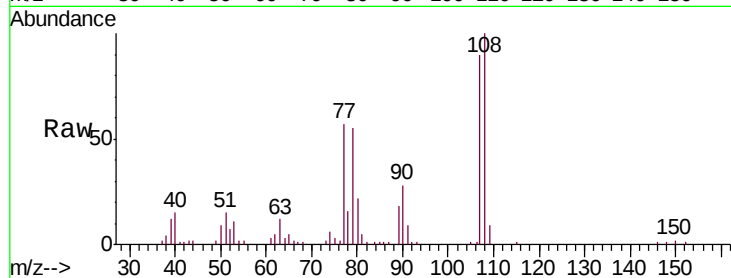
Ion Ratio Lower Upper

107 100

108 111.0 89.4 134.2

77 63.3 48.2 72.4

79 61.2 48.4 72.6



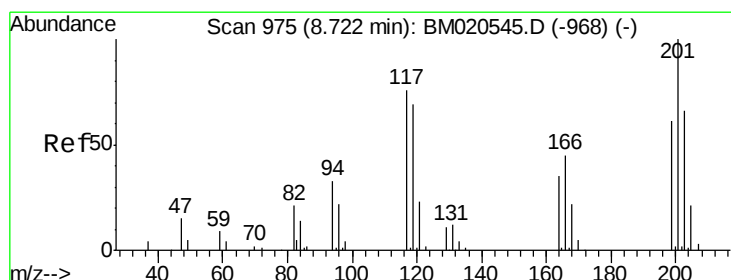
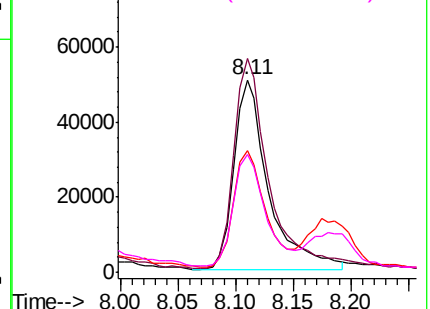
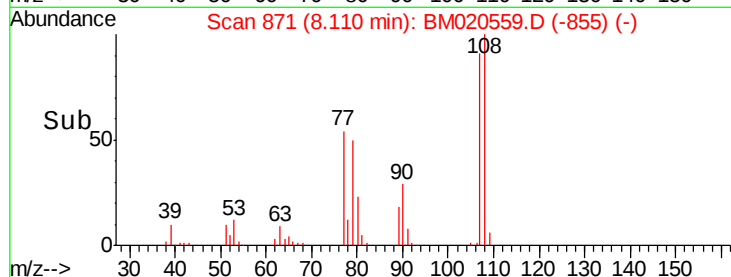
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 40.684 ng

RT: 8.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

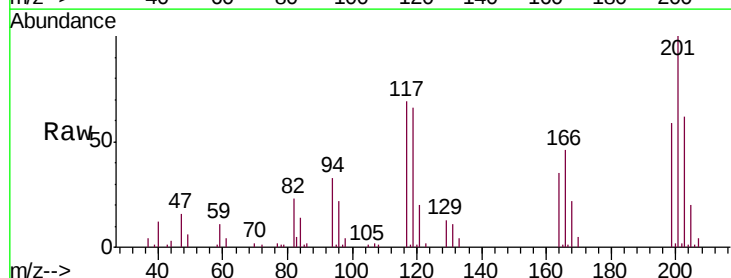
Tgt Ion:117 Resp: 56951

Ion Ratio Lower Upper

117 100

119 95.4 73.2 109.8

201 144.8 105.8 158.8

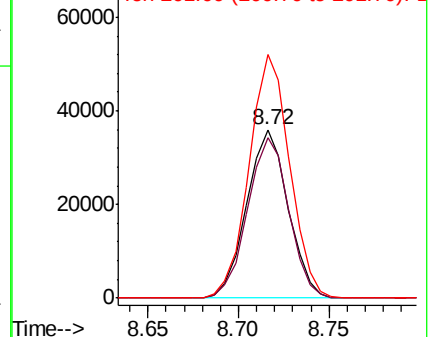
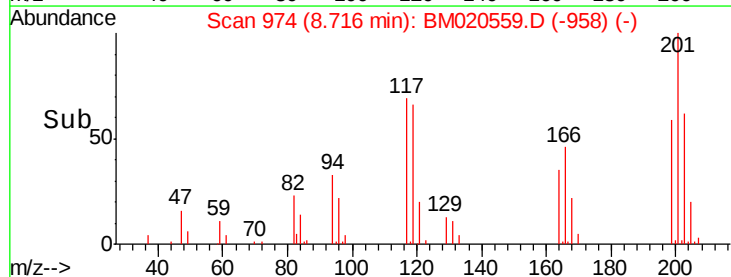


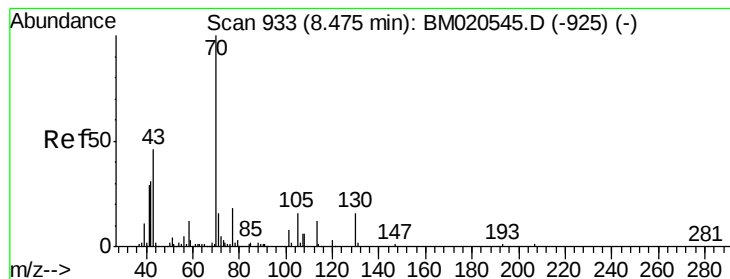
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.090 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tgt Ion: 70 Resp: 115659

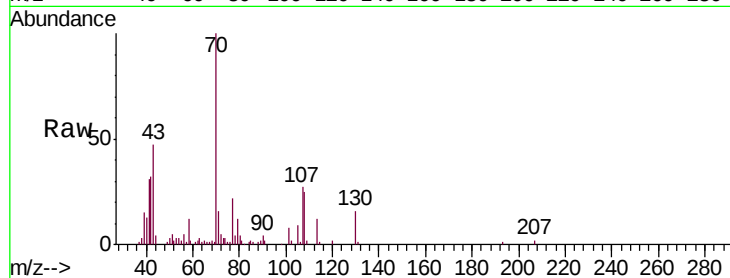
Ion Ratio Lower Upper

70 100

42 31.6 24.7 37.1

101 7.7 6.8 10.2

130 15.7 13.1 19.7

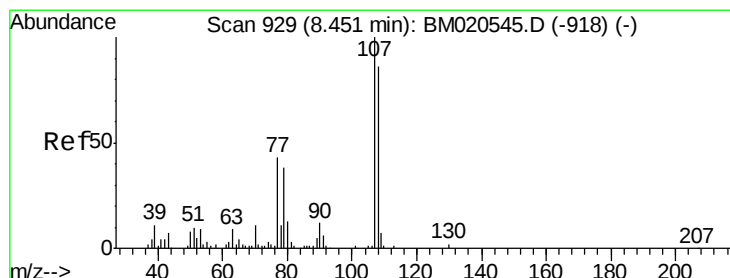
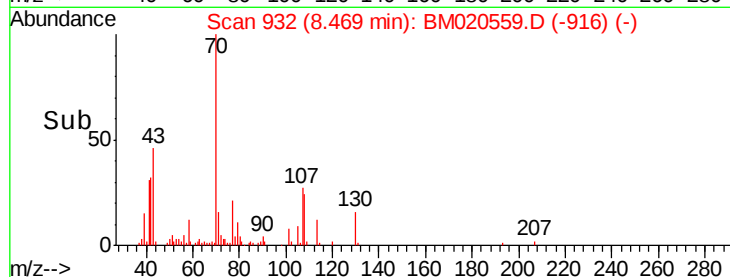
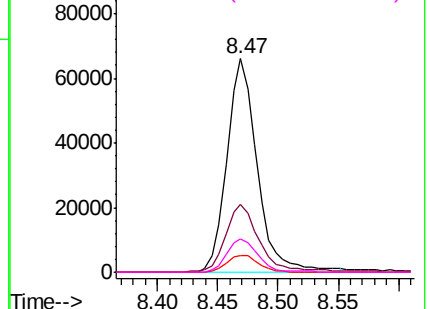


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.057 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion: 107 Resp: 137169

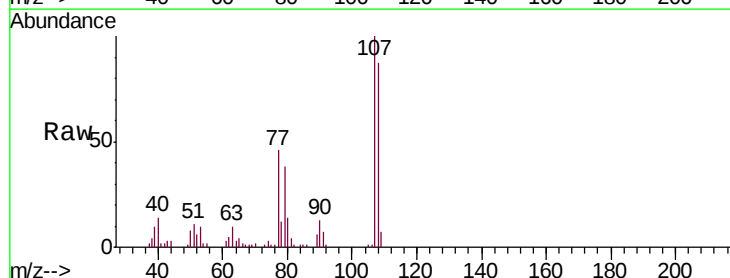
Ion Ratio Lower Upper

107 100

108 87.5 66.5 106.5

77 45.8 23.0 63.0

79 37.6 18.2 58.2

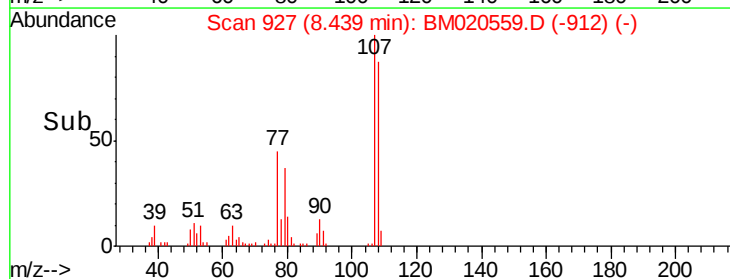
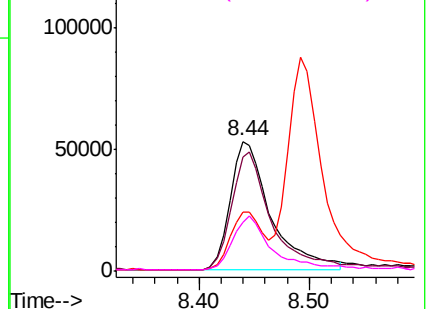


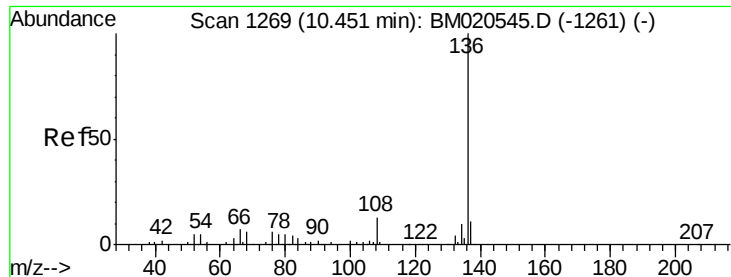
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tgt Ion:136 Resp: 169672

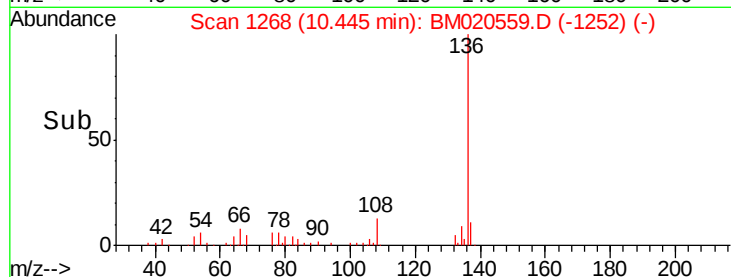
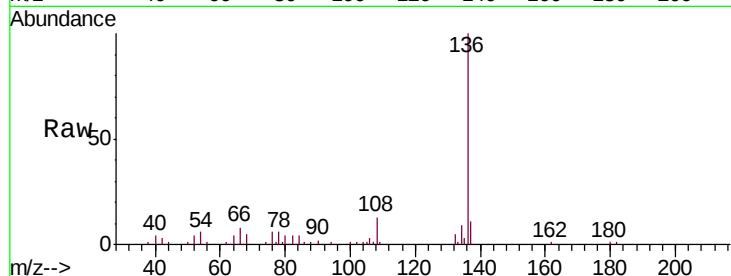
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 5.5 4.2 6.4

68 5.4 4.6 7.0

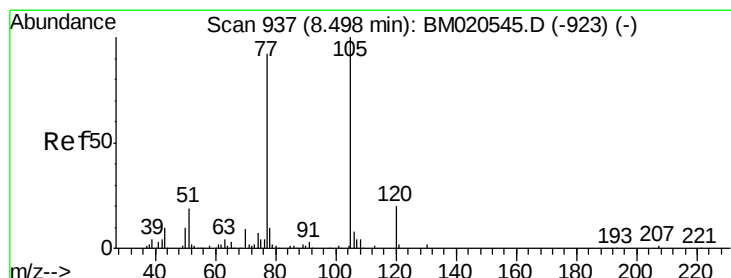
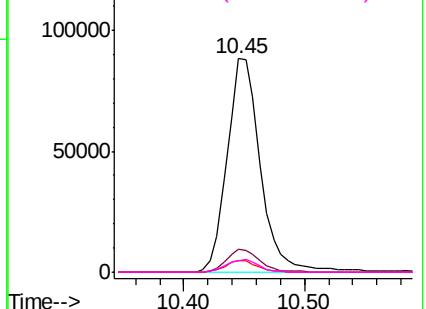


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.221 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:105 Resp: 192596

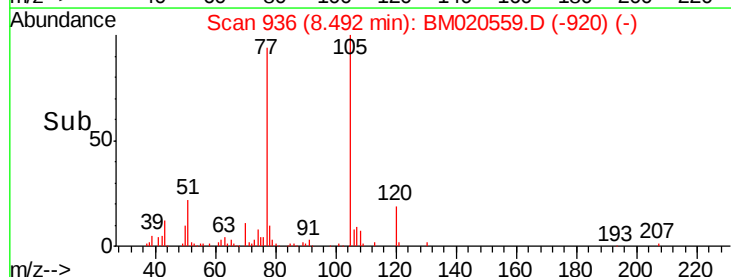
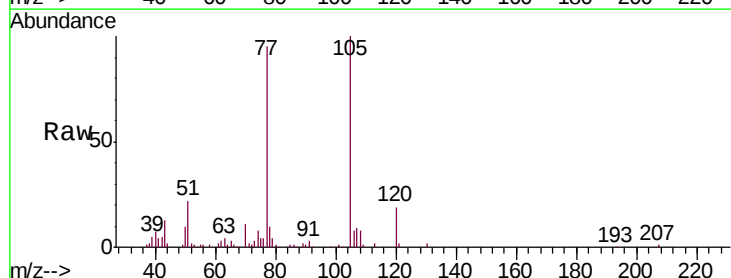
Ion Ratio Lower Upper

105 100

71 2.0 1.3 1.9#

51 21.6 15.7 23.5

120 18.9 16.3 24.5

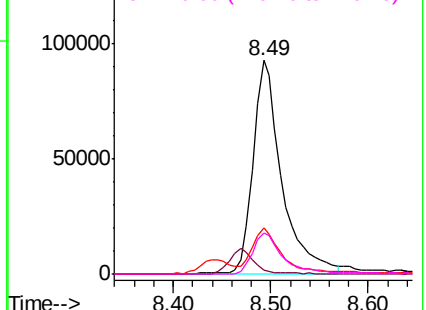


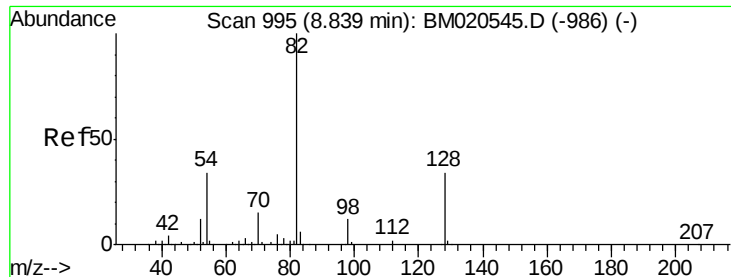
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

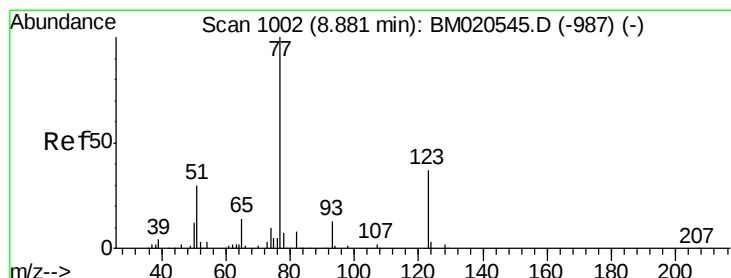
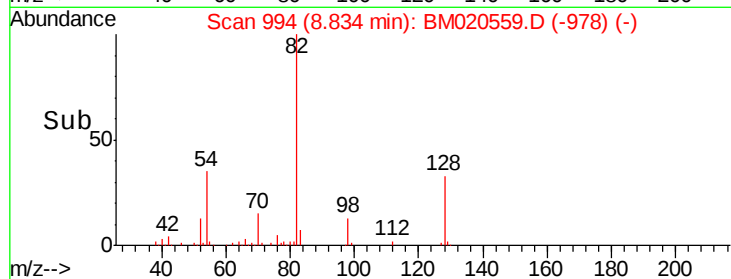
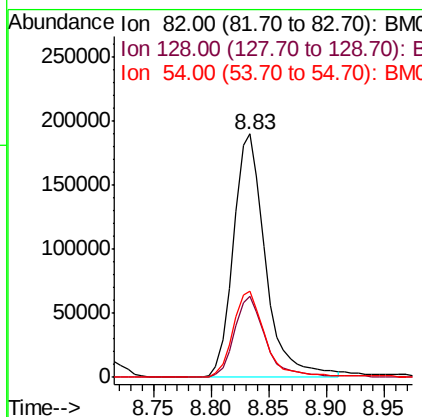
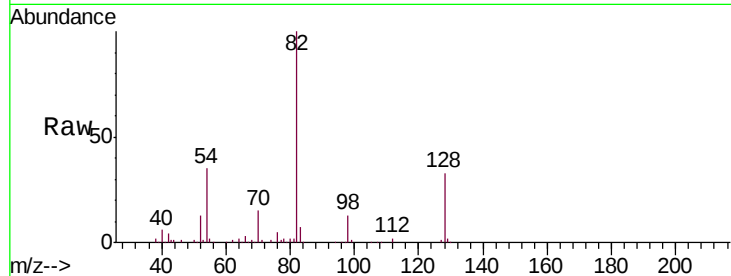




#23
Nitrobenzene-d5
Concen: 90.896 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

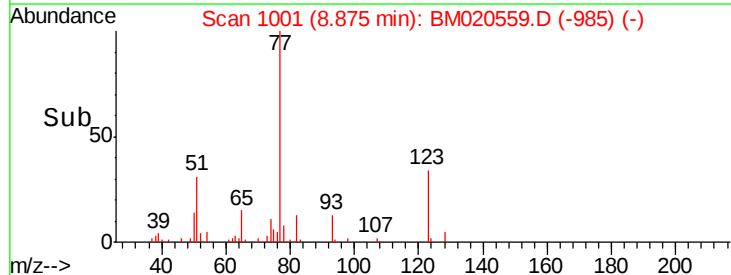
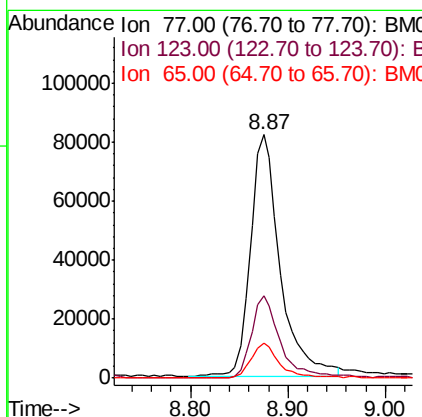
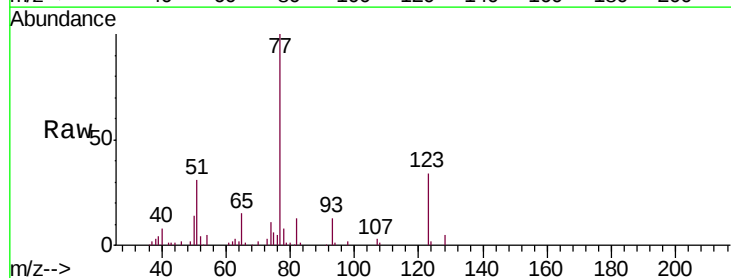
Instrument :
BNA_M
ClientSampleId :
PB119991BS

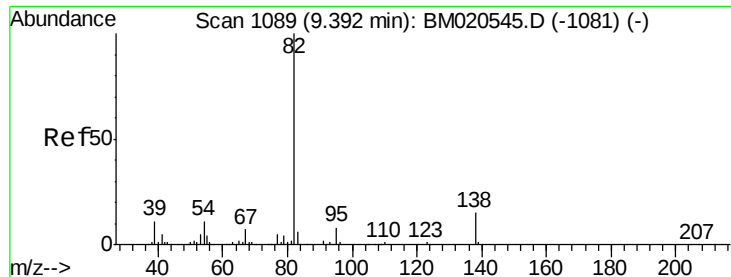
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.0	40.4
54	35.3	27.4	41.2



#24
Nitrobenzene
Concen: 43.773 ng
RT: 8.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.0	29.4	44.2
65	14.5	10.8	16.2





#25

Isophorone

Concen: 42.871 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

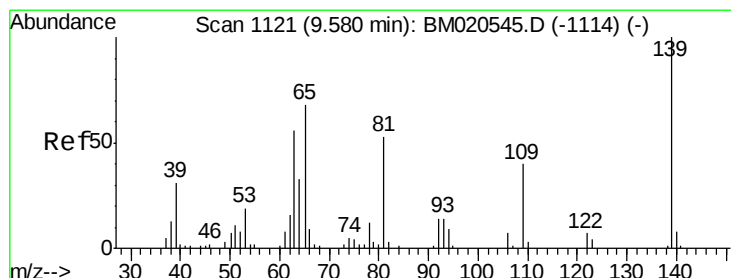
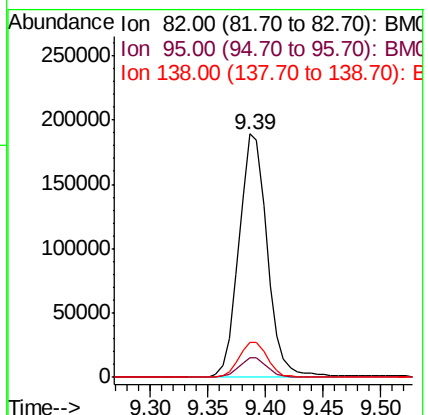
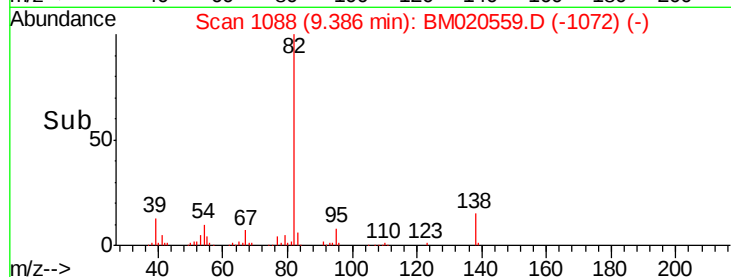
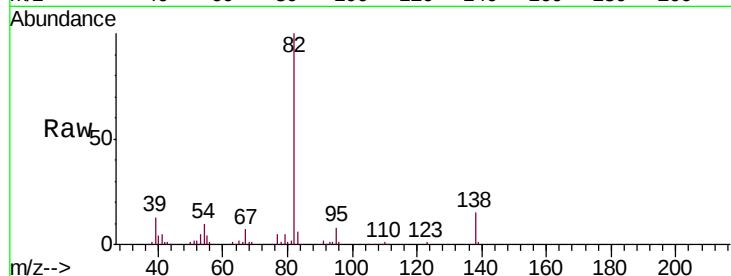
Tgt Ion: 82 Resp: 322467

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

138 14.6 12.0 18.0



#26

2-Nitrophenol

Concen: 39.767 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

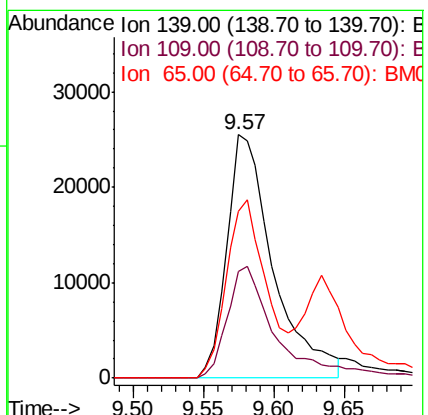
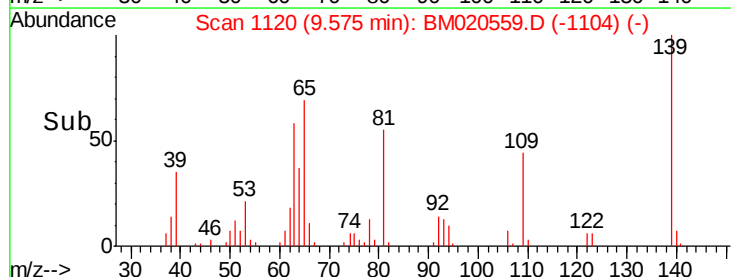
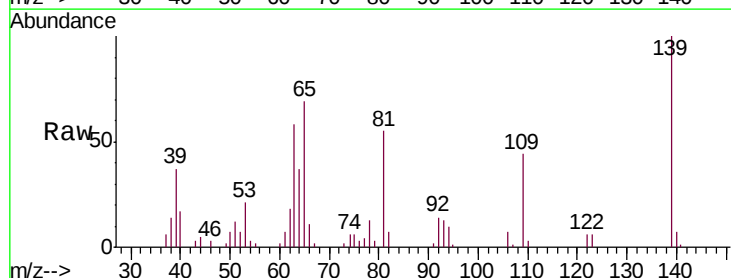
Tgt Ion: 139 Resp: 58579

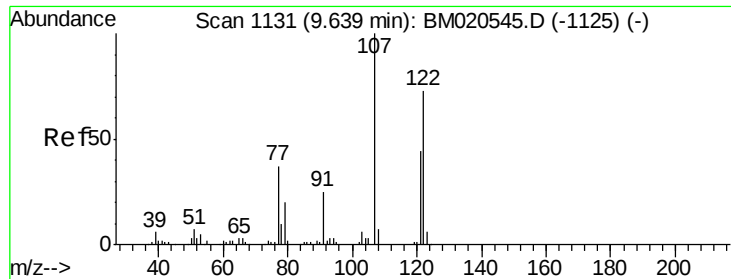
Ion Ratio Lower Upper

139 100

109 43.8 32.3 48.5

65 68.7 54.4 81.6

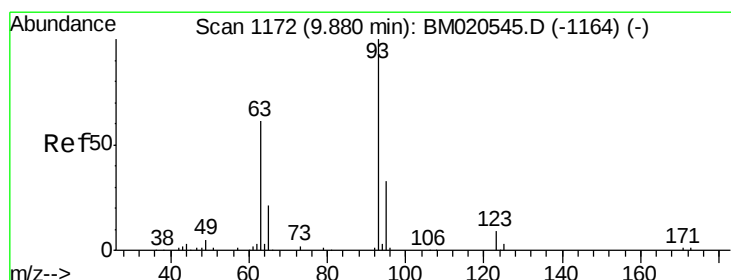
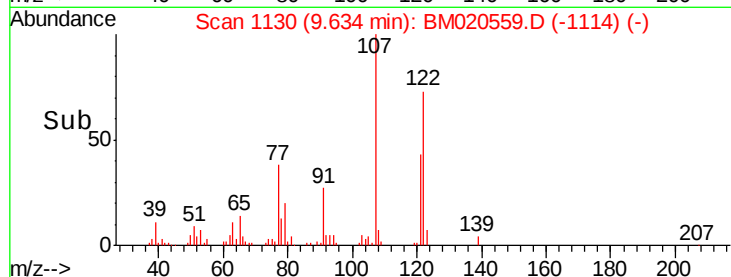
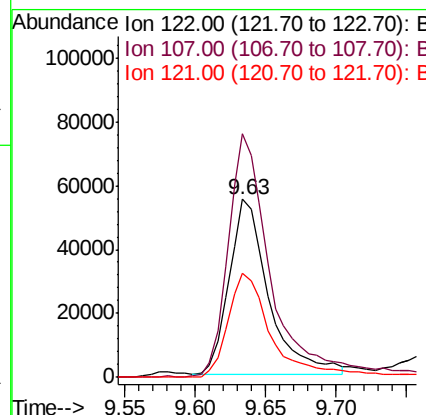
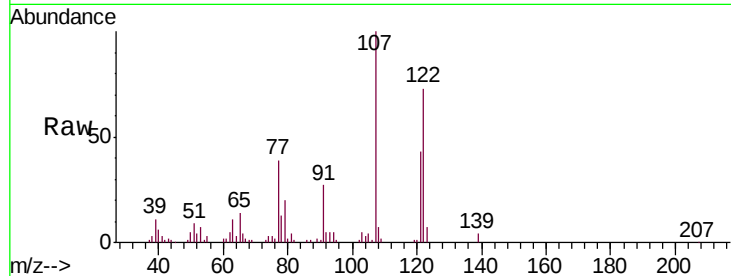




#27
 2,4-Dimethylphenol
 Concen: 49.628 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

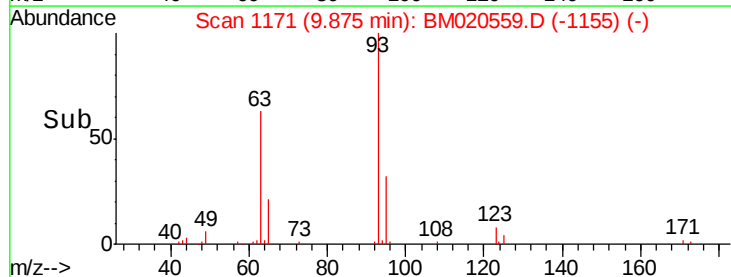
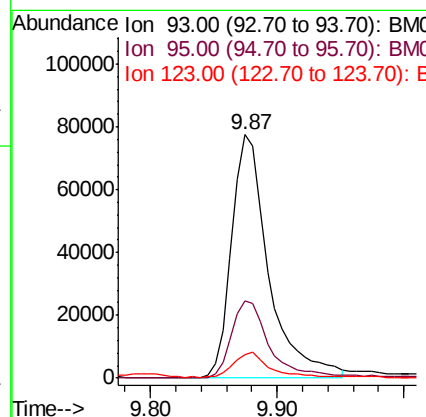
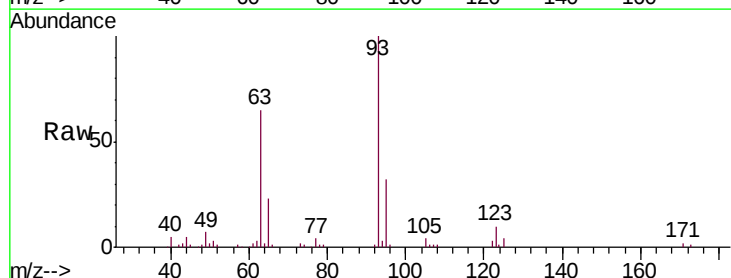
Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

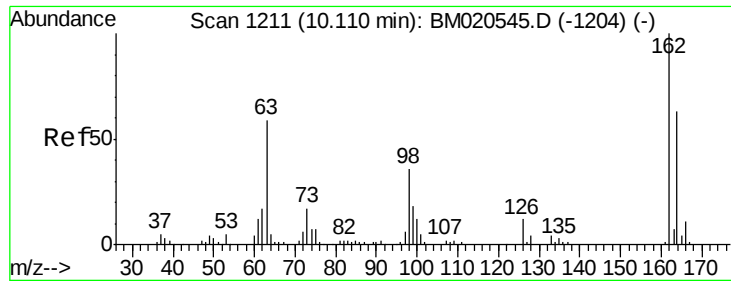
Tgt Ion:122 Resp: 108903
 Ion Ratio Lower Upper
 122 100
 107 136.9 108.2 162.2
 121 58.8 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.215 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion: 93 Resp: 157462
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.1 39.1
 123 9.9 8.1 12.1

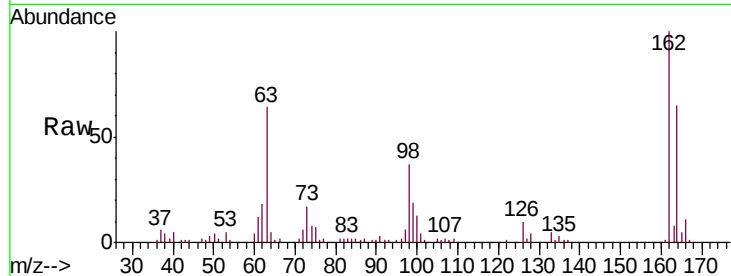




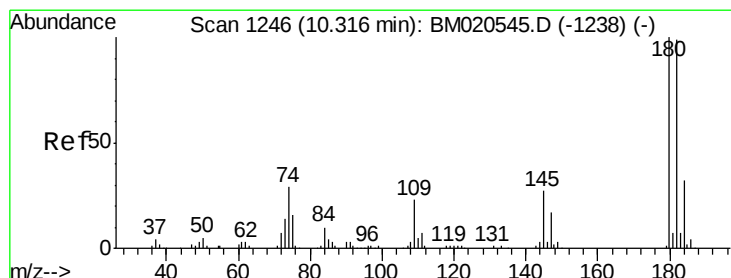
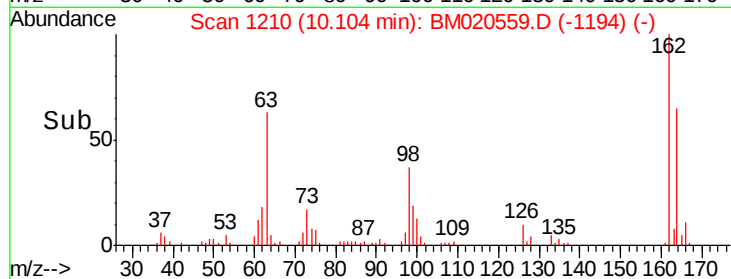
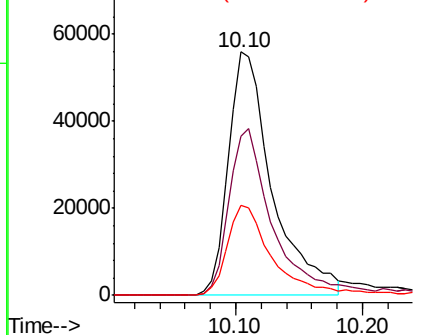
#29
 2,4-Dichlorophenol
 Concen: 46.141 ng
 RT: 10.10 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.1	83.1
98	37.1	16.2	56.2

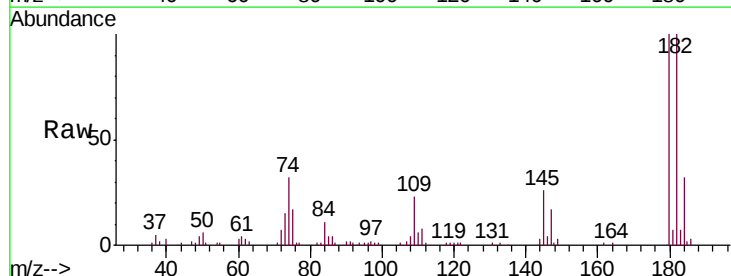


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

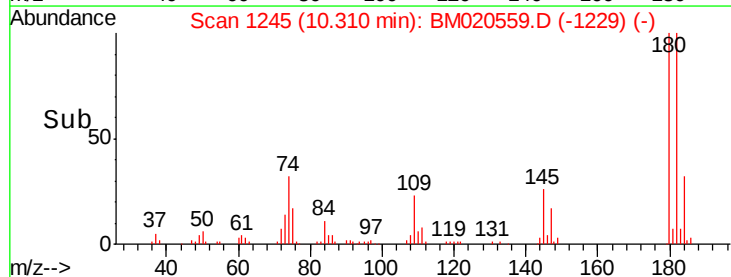
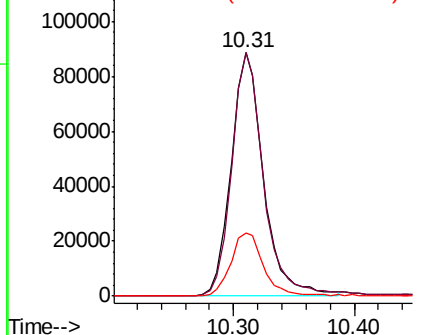


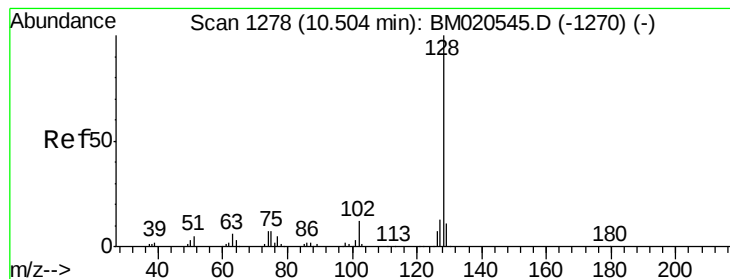
#30
 1,2,4-Trichlorobenzene
 Concen: 41.488 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	78.8	118.2
145	26.2	21.3	31.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

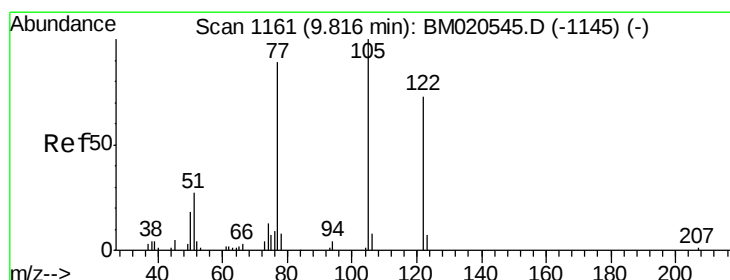
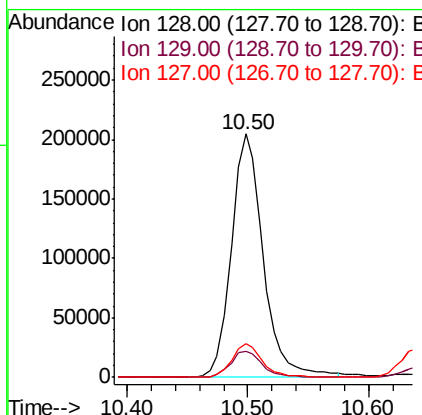
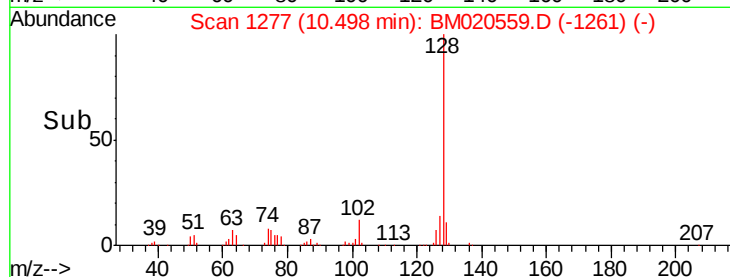
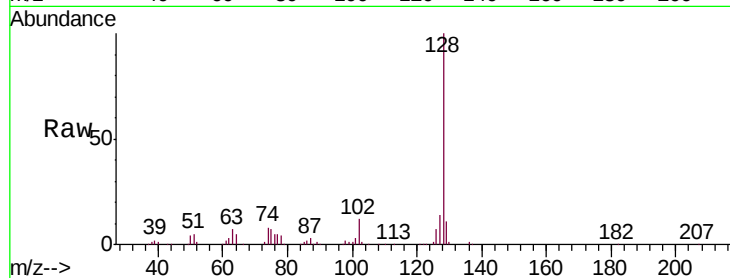




#31
Naphthalene
Concen: 43.014 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

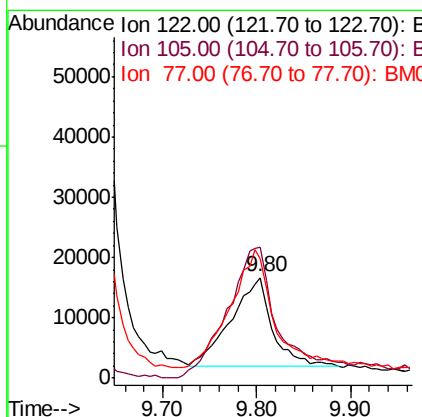
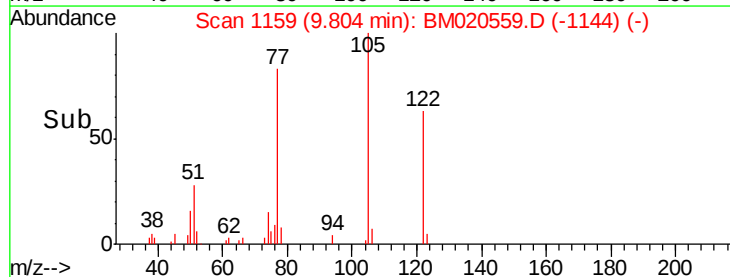
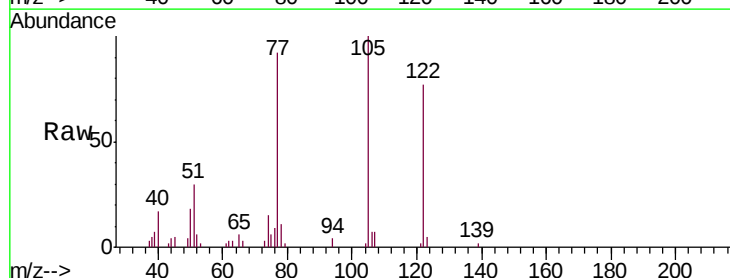
Instrument :
BNA_M
ClientSampleId :
PB119991BS

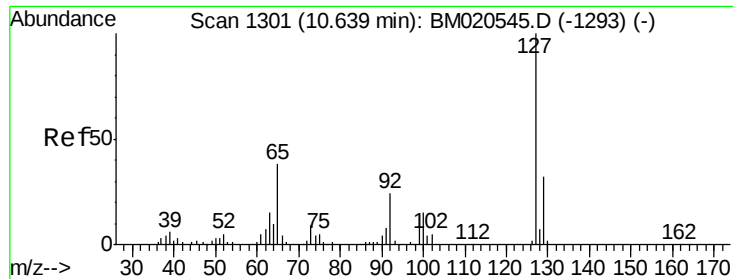
Tgt Ion:128 Resp: 376837
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.7 10.4 15.6



#32
Benzoic acid
Concen: 34.478 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:122 Resp: 45216
Ion Ratio Lower Upper
122 100
105 129.3 108.8 148.8
77 118.5 97.8 137.8

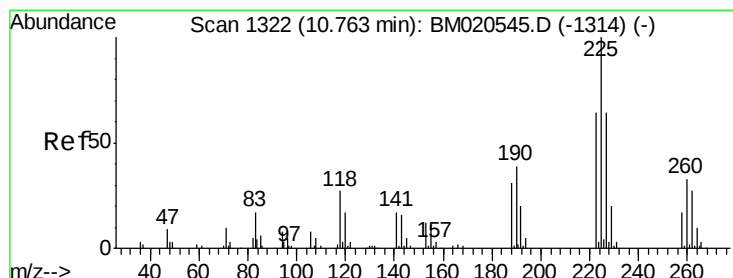
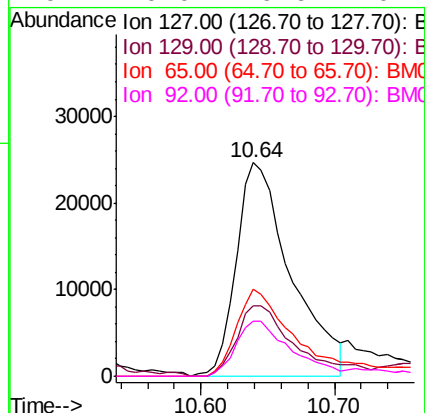
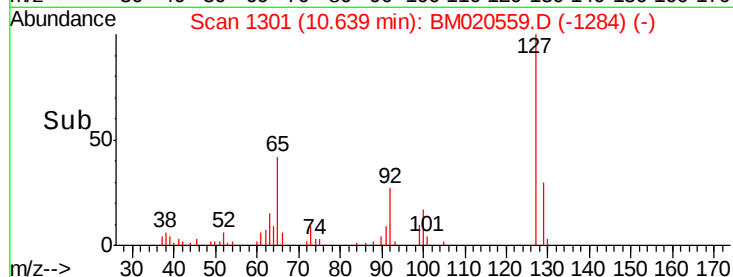
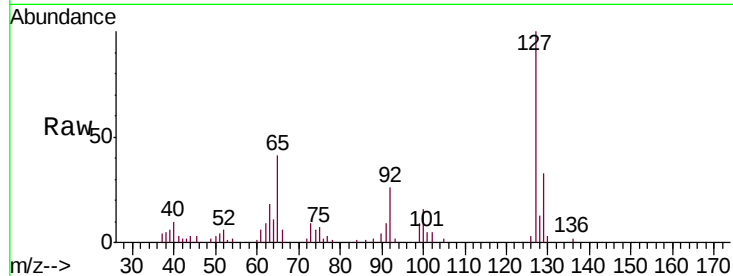




#33
4-Chloroaniline
Concen: 20.050 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

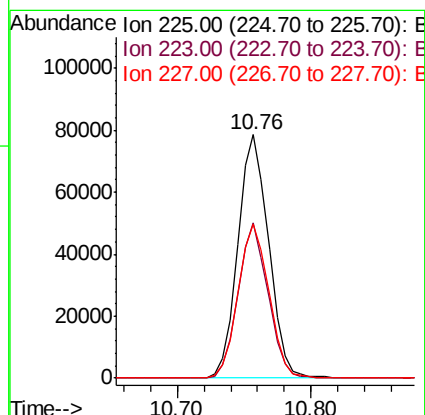
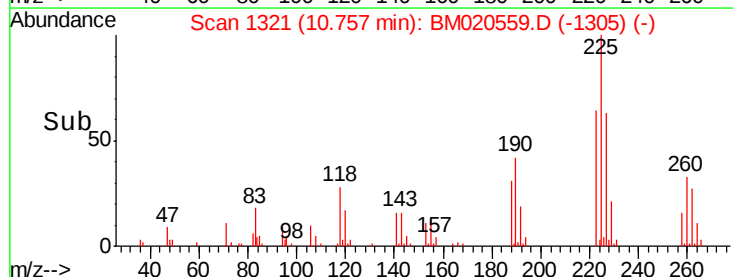
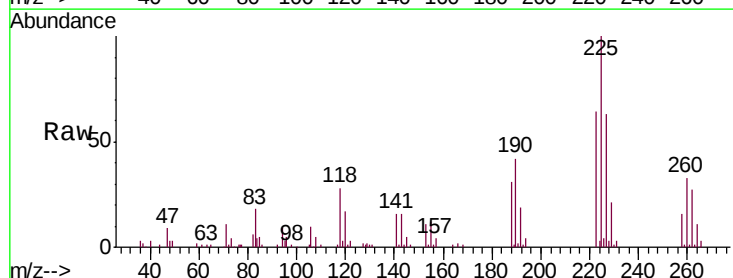
Instrument :
BNA_M
ClientSampleId :
PB119991BS

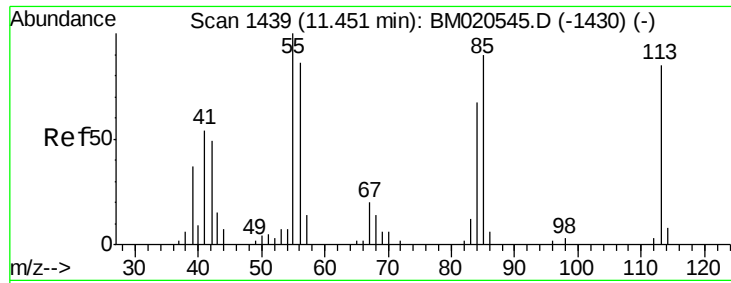
Tgt Ion:	127	Resp:	70109
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.2
65	40.5	30.6	45.8
92	26.0	19.6	29.4



#34
Hexachlorobutadiene
Concen: 42.097 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:	225	Resp:	124897
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	63.1	51.0	76.6





#35

Caprolactam

Concen: 13.949 ng

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

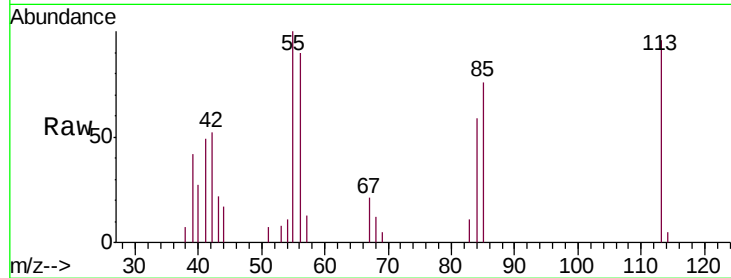
Tgt Ion:113 Resp: 13399

Ion Ratio Lower Upper

113 100

55 104.5 97.6 137.6

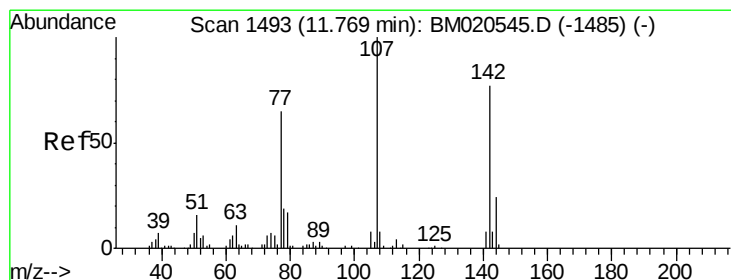
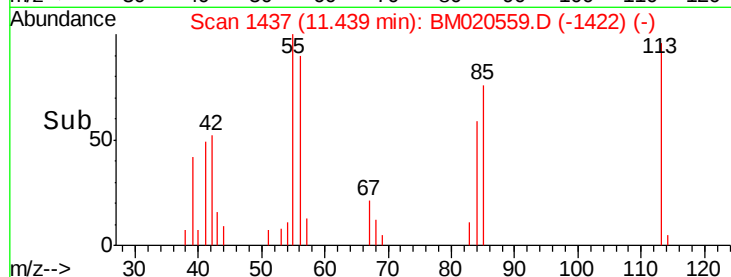
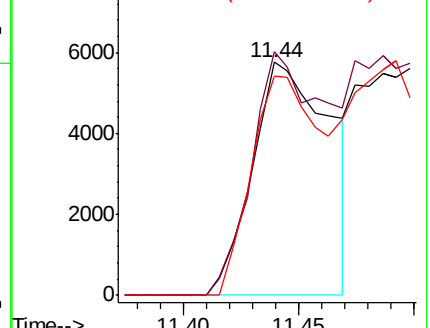
56 94.0 81.6 121.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 45.285 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

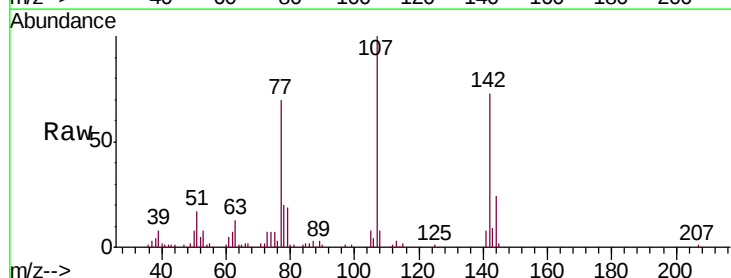
Tgt Ion:107 Resp: 143825

Ion Ratio Lower Upper

107 100

144 24.2 19.0 28.6

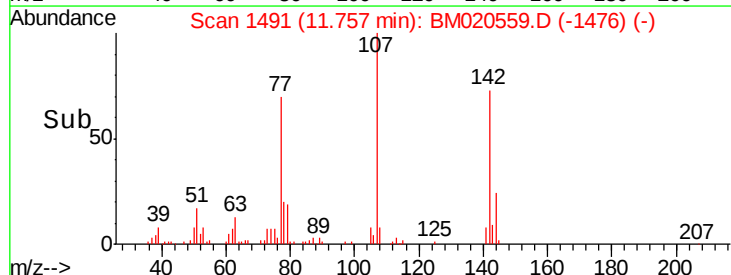
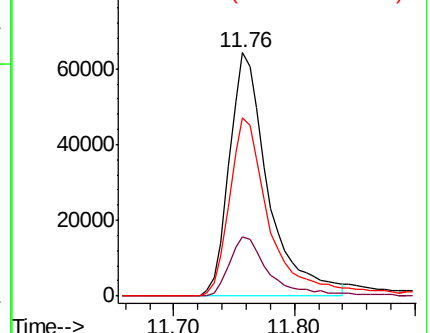
142 73.1 61.3 91.9

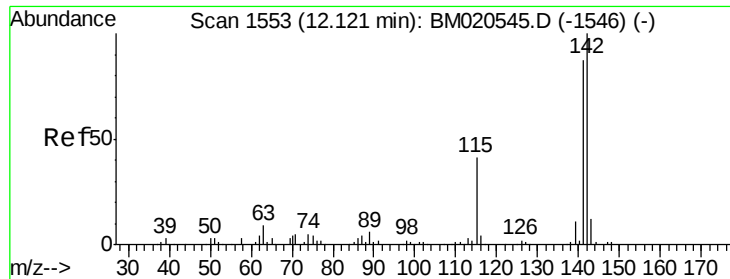


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

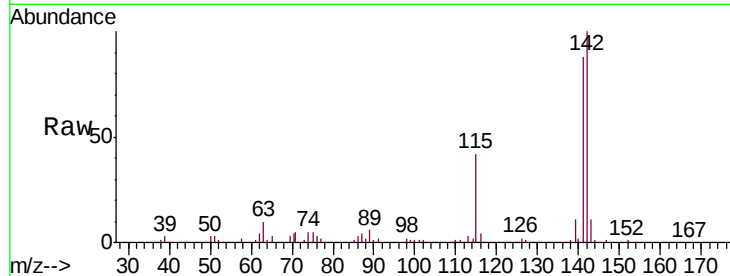




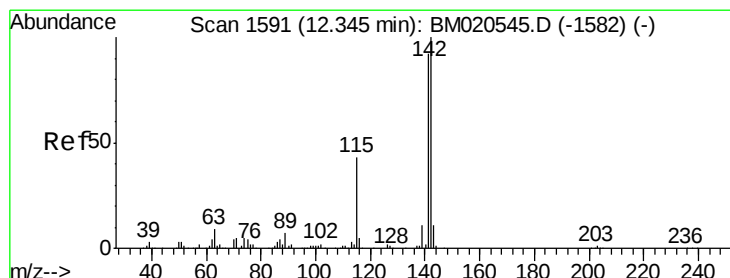
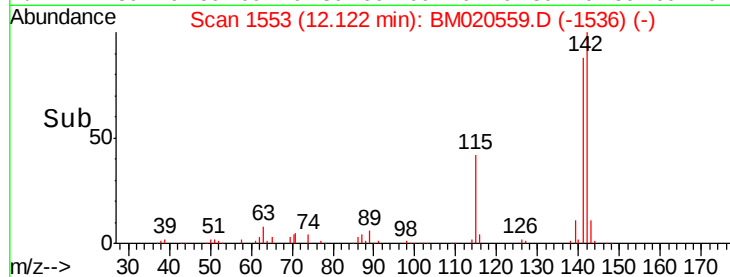
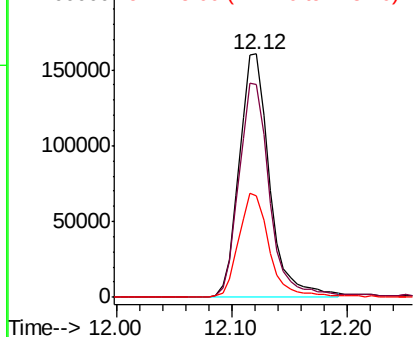
#37
2-Methylnaphthalene
Concen: 44.049 ng
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tgt Ion:142 Resp: 294814
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9
115 41.8 32.9 49.3

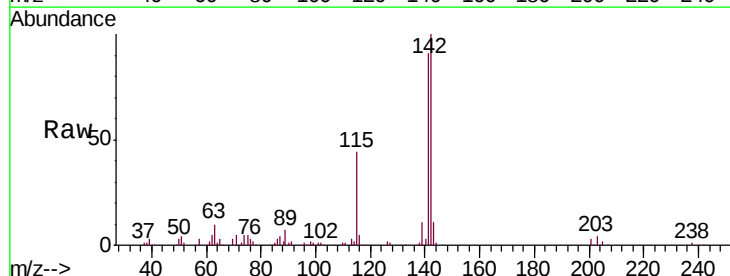


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

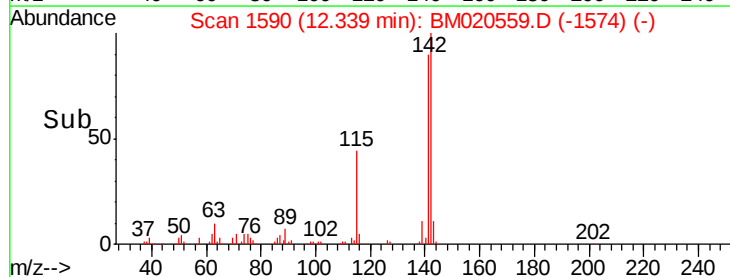
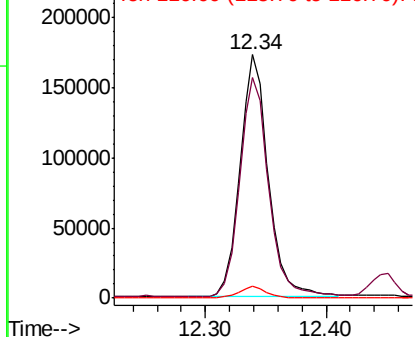


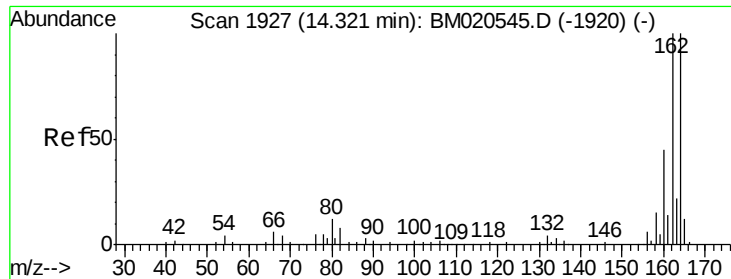
#38
1-Methylnaphthalene
Concen: 43.754 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:142 Resp: 283736
Ion Ratio Lower Upper
142 100
141 90.7 73.7 110.5
116 4.9 3.7 5.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampled :

PB119991BS

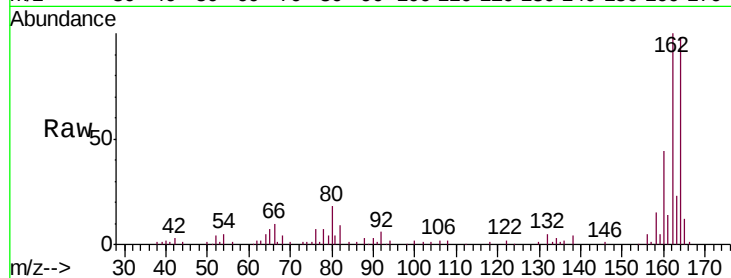
Tgt Ion:164 Resp: 129488

Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

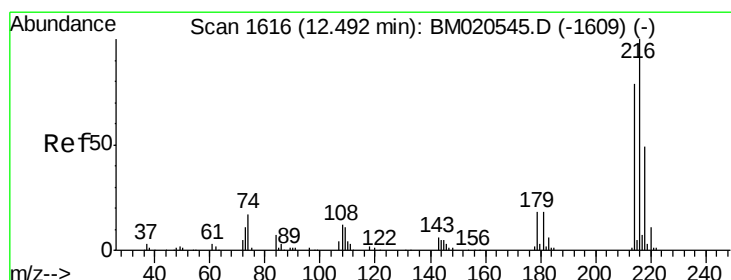
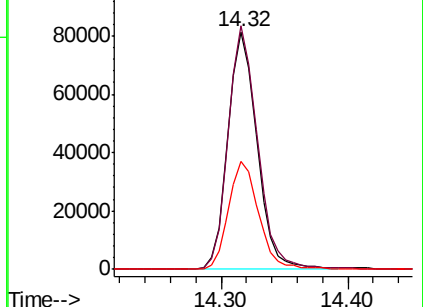
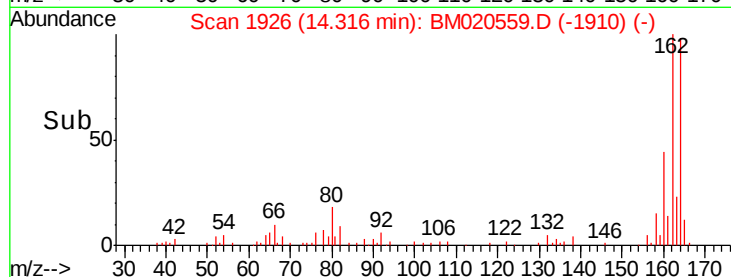
160 45.2 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.185 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:216 Resp: 235072

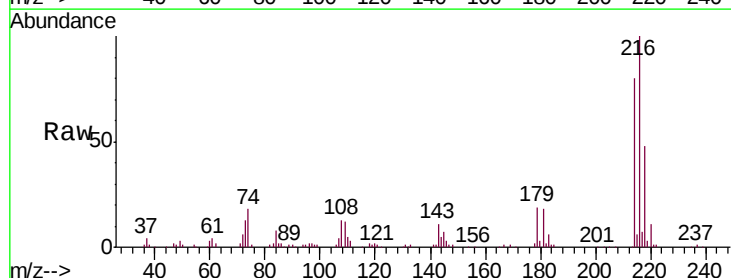
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

179 18.8 14.8 22.2

108 13.0 10.5 15.7

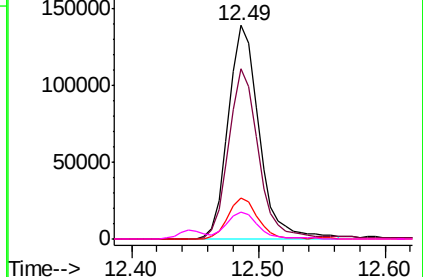
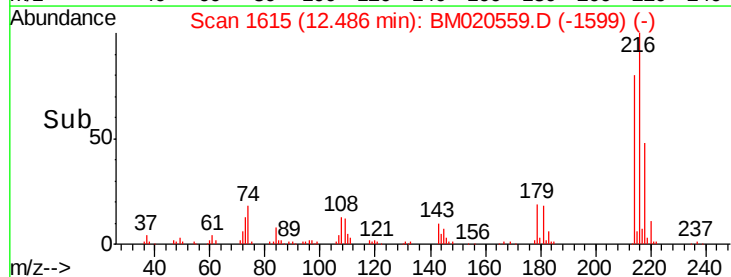


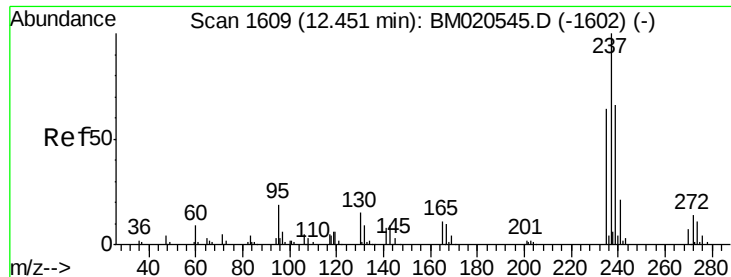
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.163 ng

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

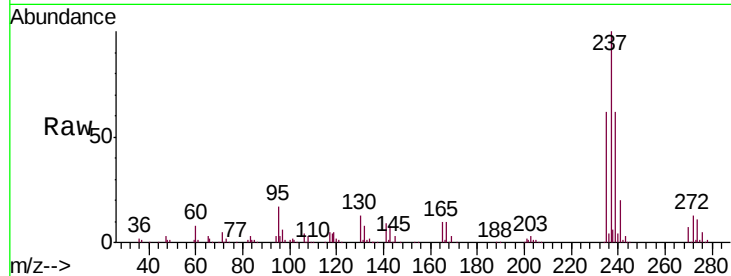
Tgt Ion:237 Resp: 276519

Ion Ratio Lower Upper

237 100

235 62.4 43.5 83.5

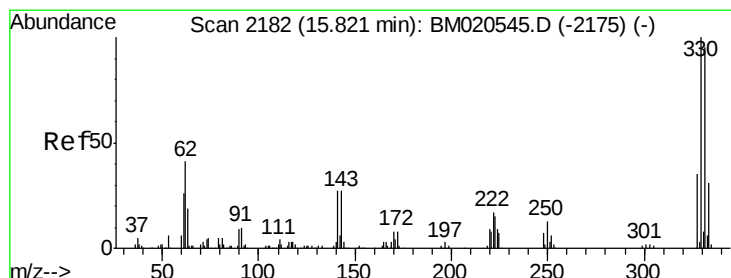
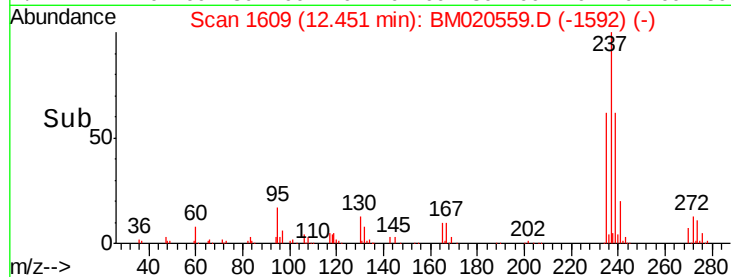
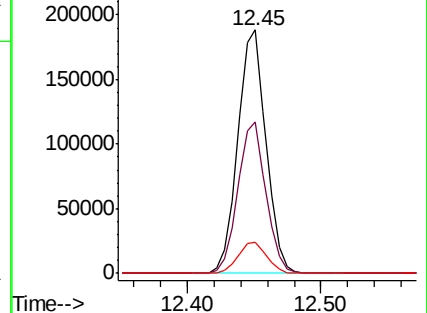
272 13.1 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.609 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

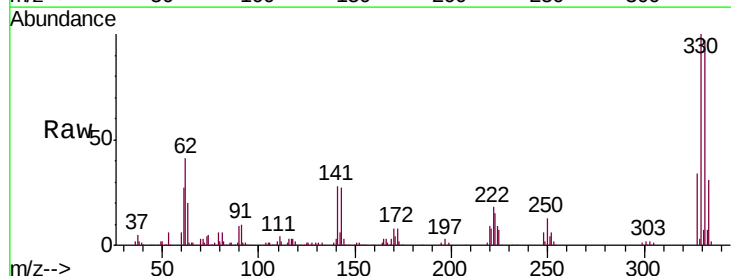
Tgt Ion:330 Resp: 403687

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

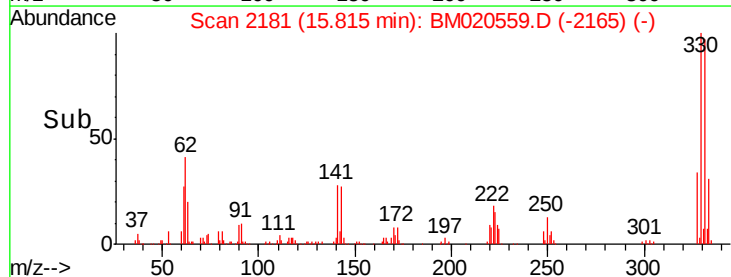
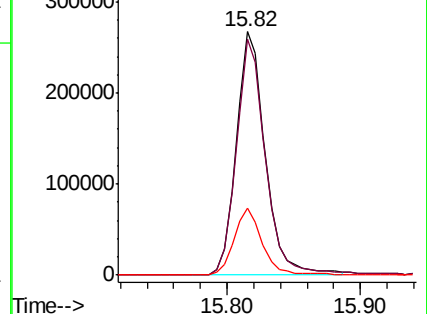
141 27.0 21.7 32.5

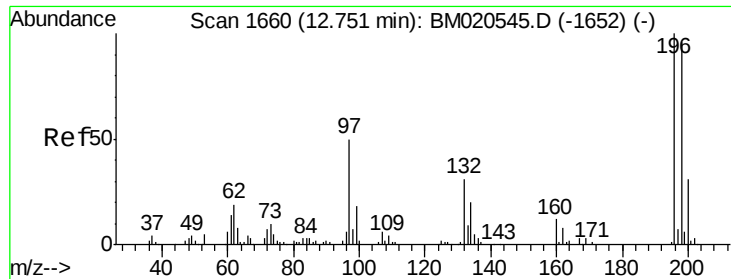


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

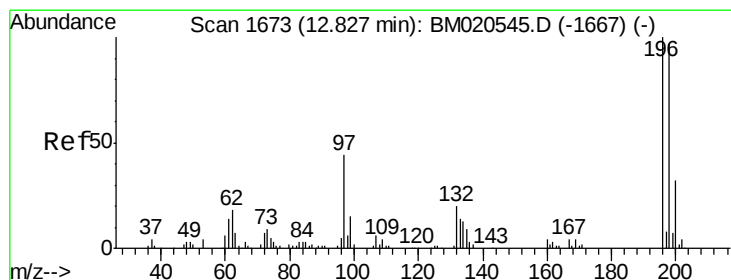
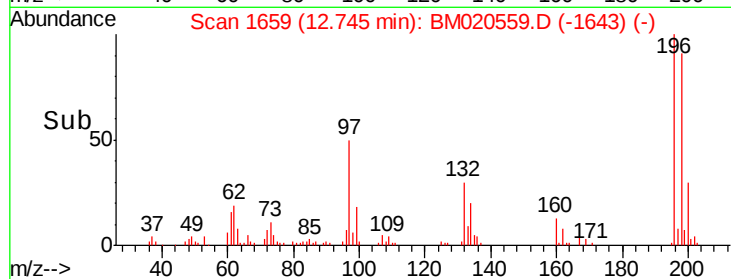
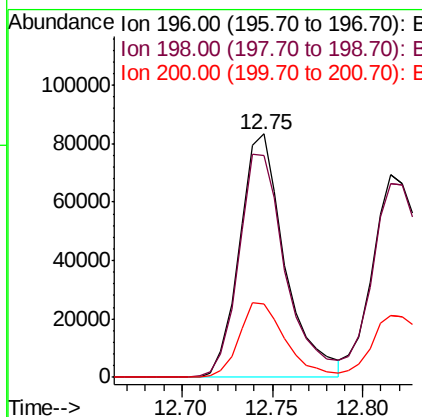
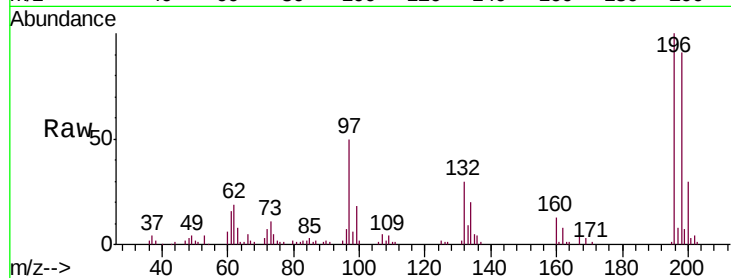




#43
 2,4,6-Trichlorophenol
 Concen: 43.139 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

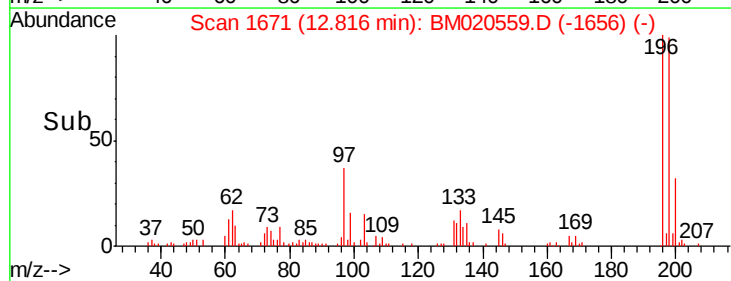
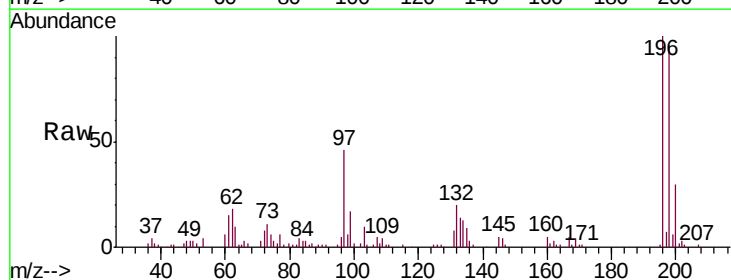
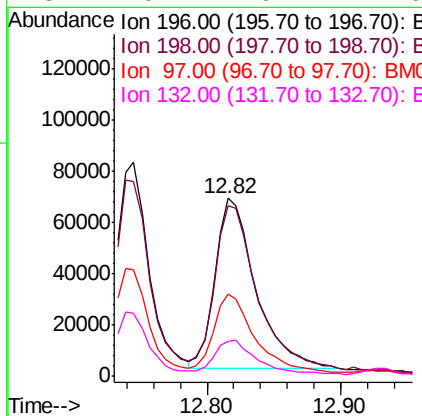
Instrument :
 BNA_M
 ClientSampled :
 PB119991BS

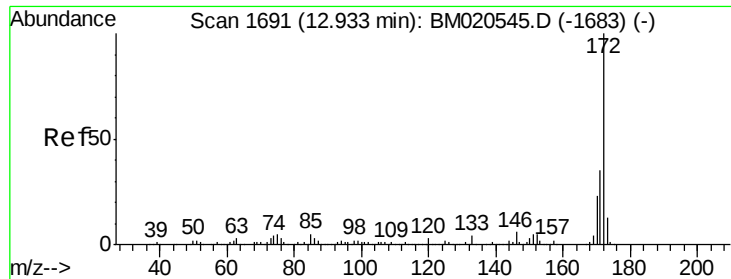
Tgt Ion:196 Resp: 145318
 Ion Ratio Lower Upper
 196 100
 198 91.3 76.4 114.6
 200 30.0 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 44.556 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion:196 Resp: 140157
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.6 116.4
 97 45.9 35.4 53.0
 132 19.7 16.4 24.6

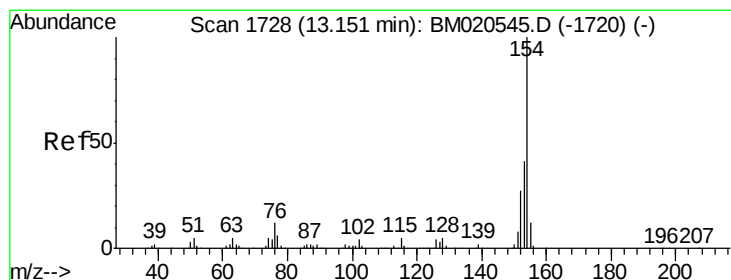
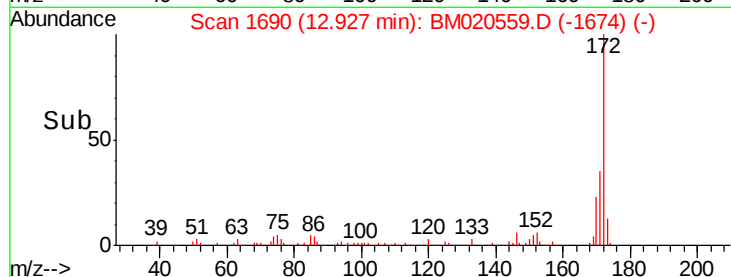
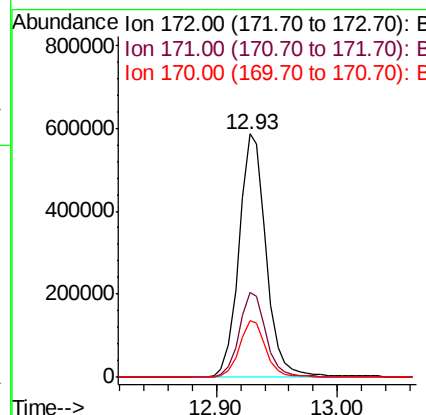
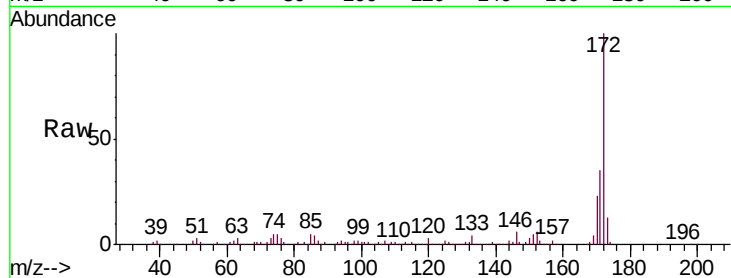




#45
2-Fluorobiphenyl
Concen: 89.251 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

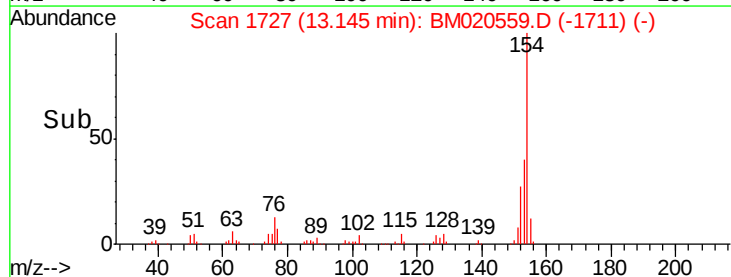
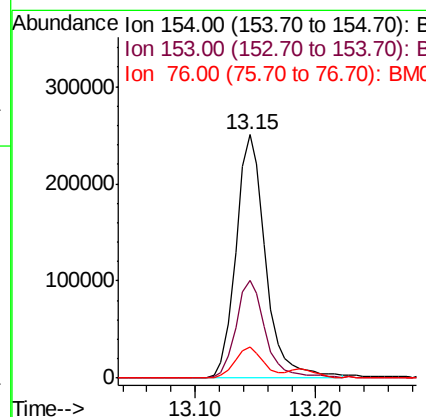
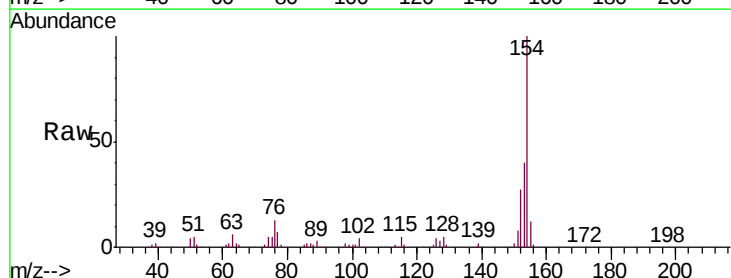
Instrument :
BNA_M
ClientSampleId :
PB119991BS

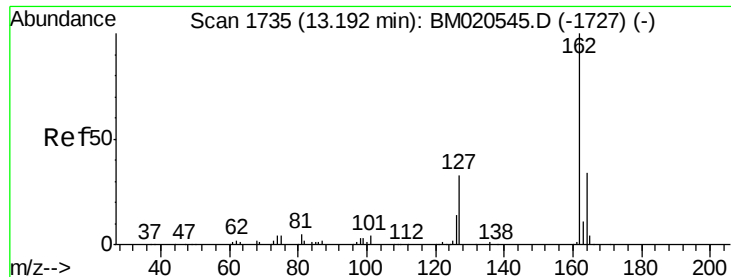
Tgt Ion:172 Resp: 921012
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.1 18.2 27.4



#46
1,1'-Biphenyl
Concen: 42.872 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:154 Resp: 427555
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.8 0.0 32.2

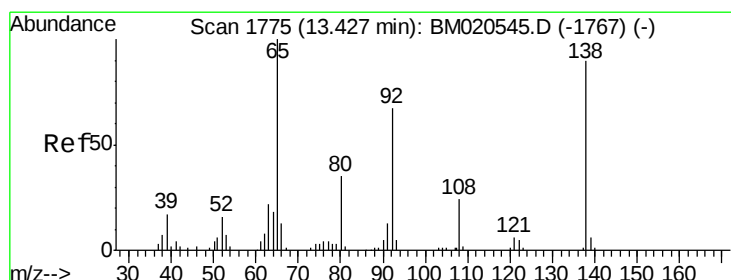
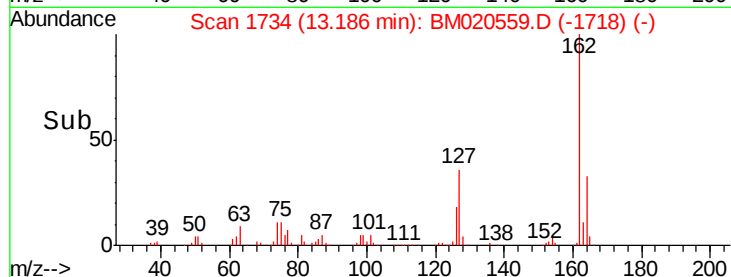
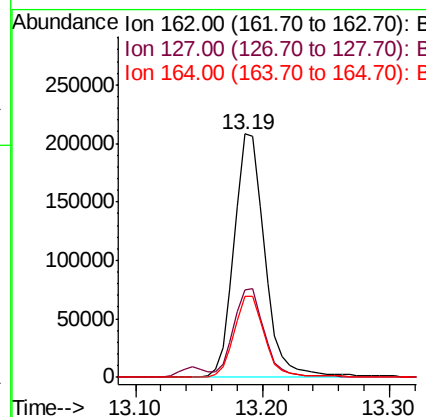
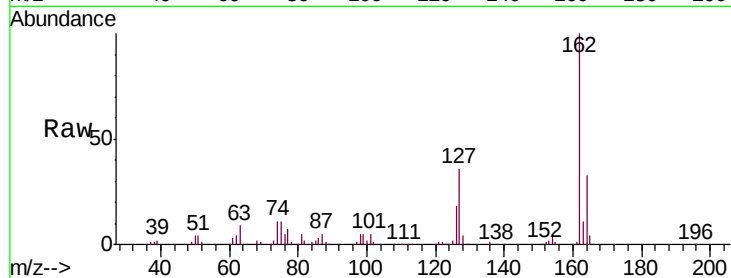




#47
2-Chloronaphthalene
Concen: 41.191 ng
RT: 13.19 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

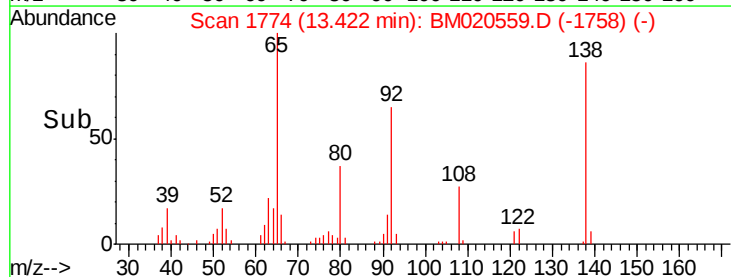
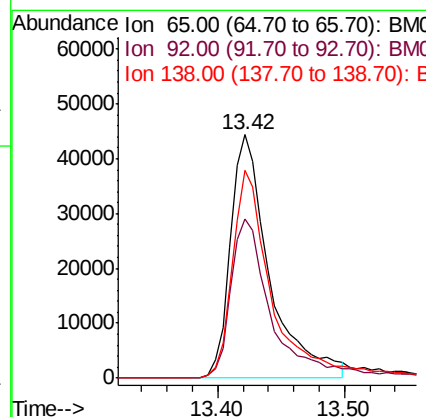
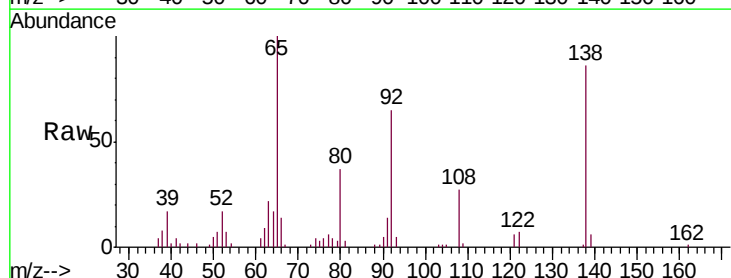
Instrument :
BNA_M
ClientSampleId :
PB119991BS

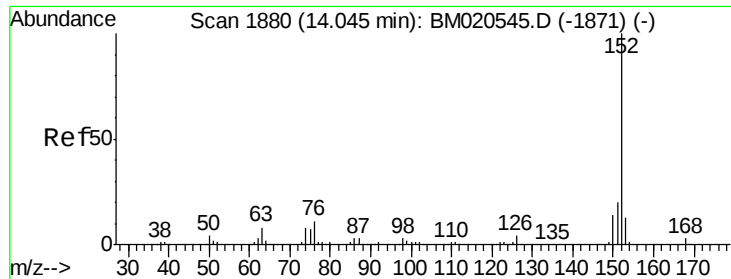
Tgt Ion: 162 Resp: 348228
Ion Ratio Lower Upper
162 100
127 36.0 29.2 43.8
164 33.1 27.4 41.2



#48
2-Nitroaniline
Concen: 37.211 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion: 65 Resp: 94929
Ion Ratio Lower Upper
65 100
92 65.2 53.6 80.4
138 85.6 72.0 108.0





#49

Acenaphthylene

Concen: 43.060 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

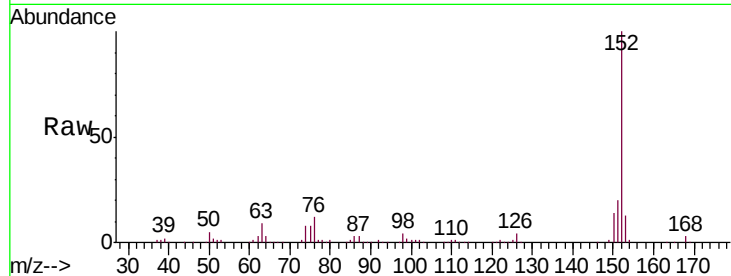
Tgt Ion:152 Resp: 553604

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

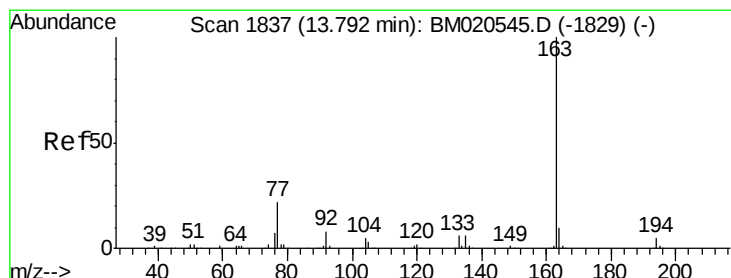
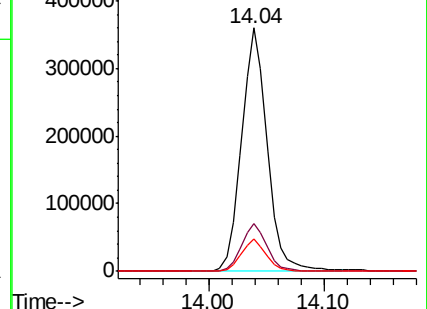
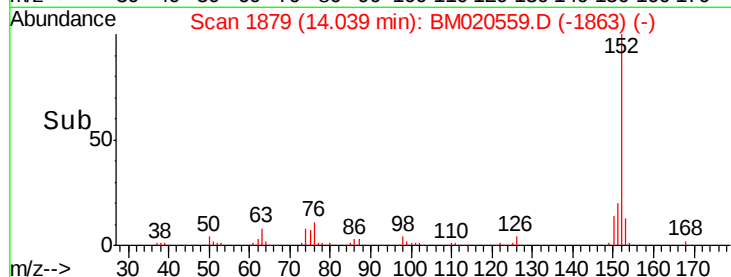
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.744 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

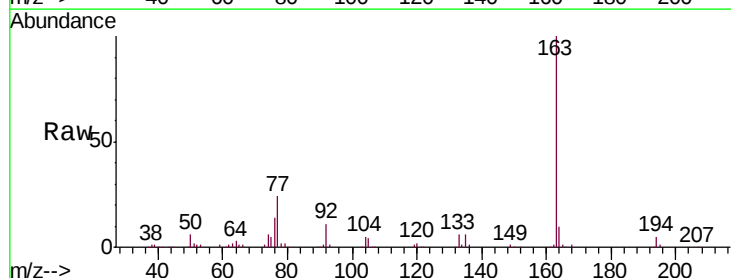
Tgt Ion:163 Resp: 478779

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

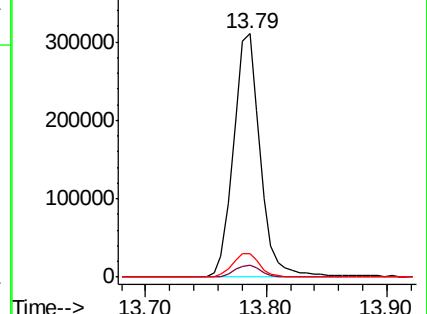
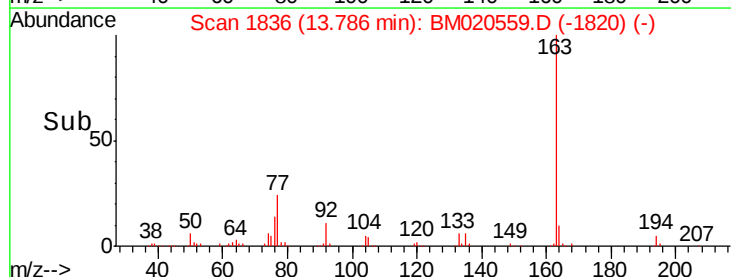
164 9.6 8.0 12.0

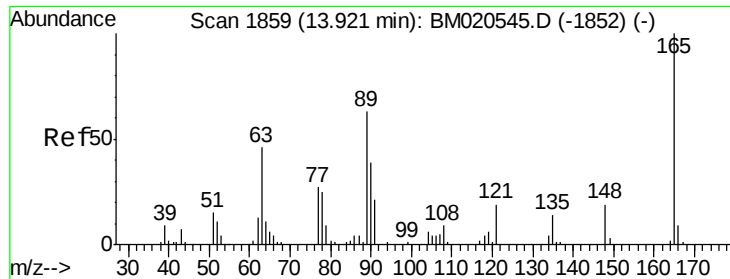


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

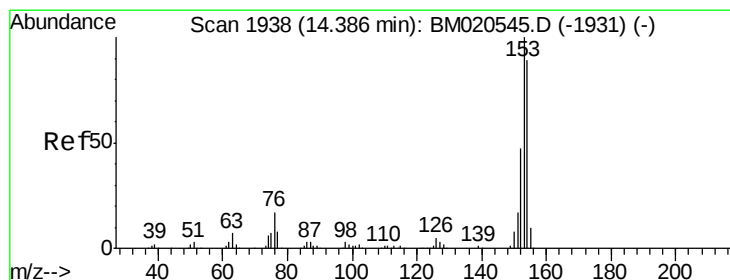
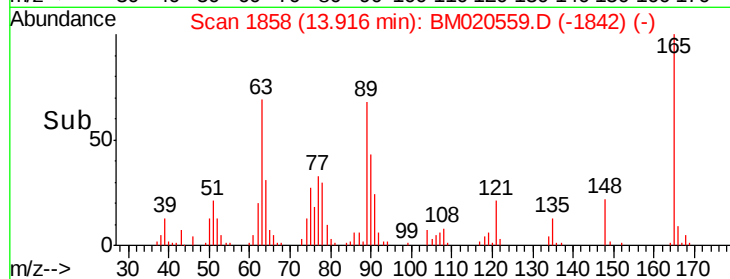
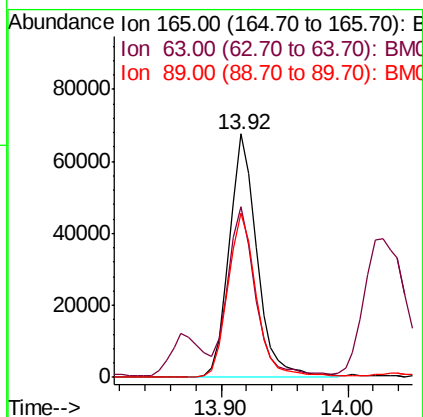
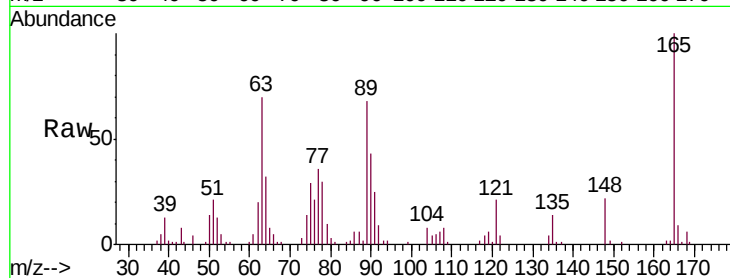




#51
2,6-Dinitrotoluene
Concen: 42.941 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

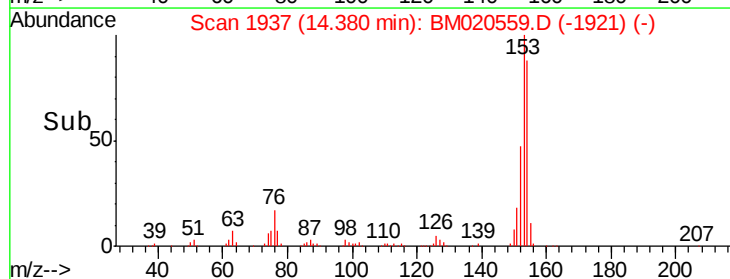
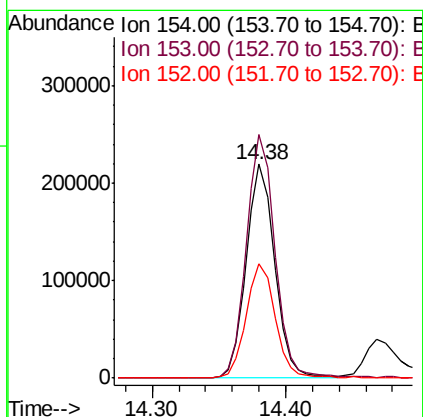
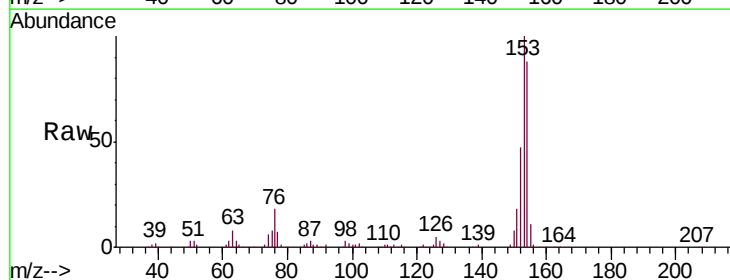
Instrument :
BNA_M
ClientSampleId :
PB119991BS

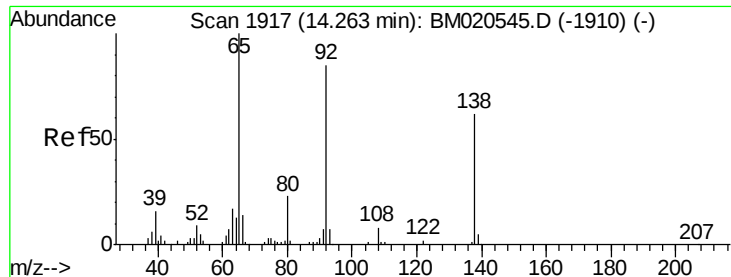
Tgt Ion:165 Resp: 102649
Ion Ratio Lower Upper
165 100
63 70.2 49.6 74.4
89 67.6 50.8 76.2



#52
Acenaphthene
Concen: 41.832 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:154 Resp: 324097
Ion Ratio Lower Upper
154 100
153 113.9 90.2 135.4
152 53.4 42.0 63.0





#53

3-Nitroaniline

Concen: 25.707 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

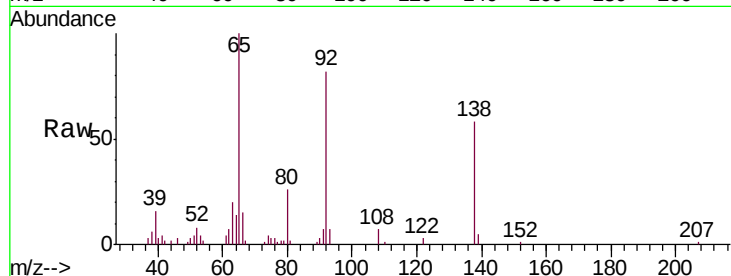
Tgt Ion:138 Resp: 48519

Ion Ratio Lower Upper

138 100

108 12.7 10.1 15.1

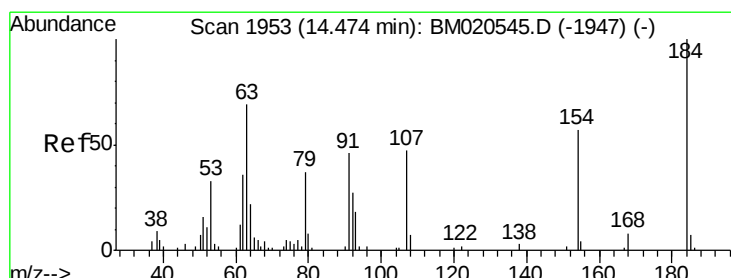
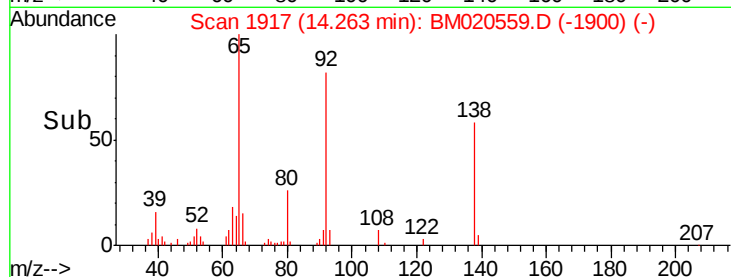
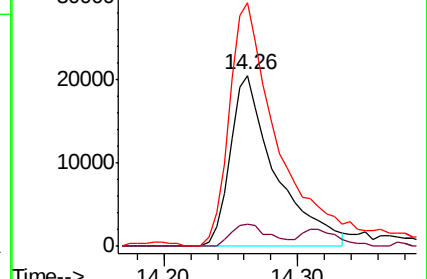
92 142.6 109.5 164.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 76.775 ng

RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

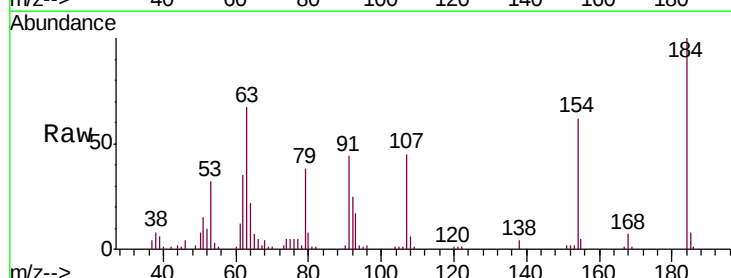
Tgt Ion:184 Resp: 118733

Ion Ratio Lower Upper

184 100

63 67.4 56.3 84.5

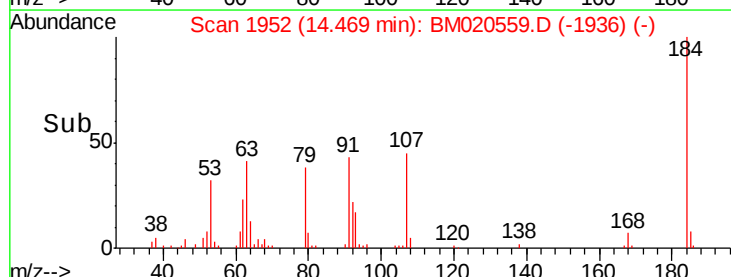
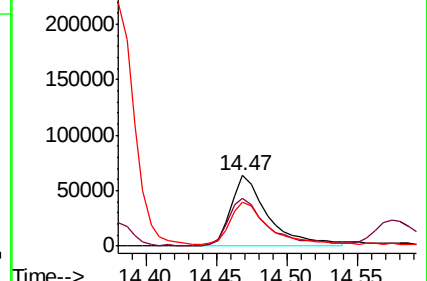
154 62.5 49.0 73.6

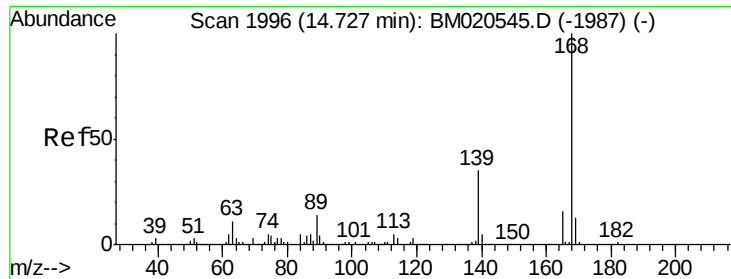


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.269 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

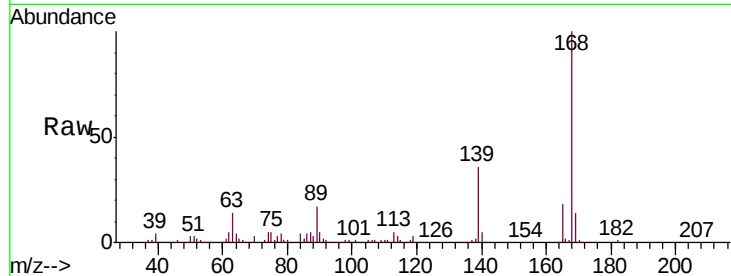
Tgt Ion:168 Resp: 593507

Ion Ratio Lower Upper

168 100

139 35.6 28.2 42.4

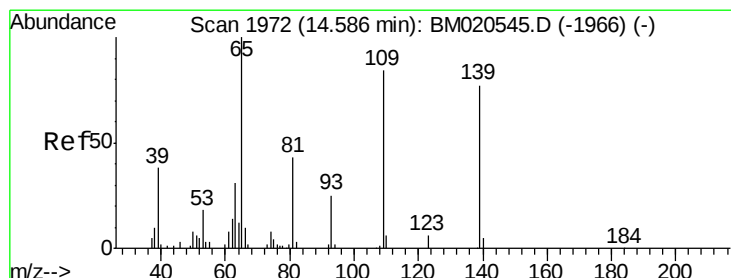
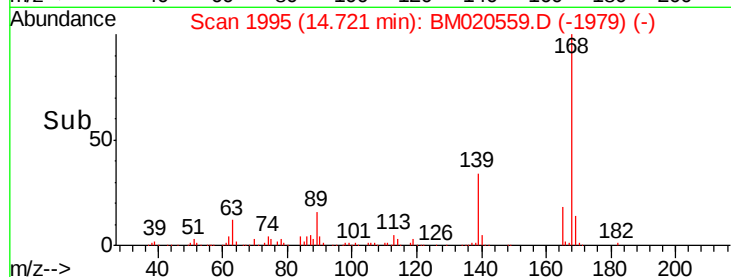
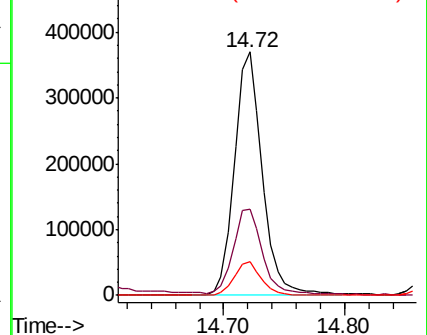
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.245 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

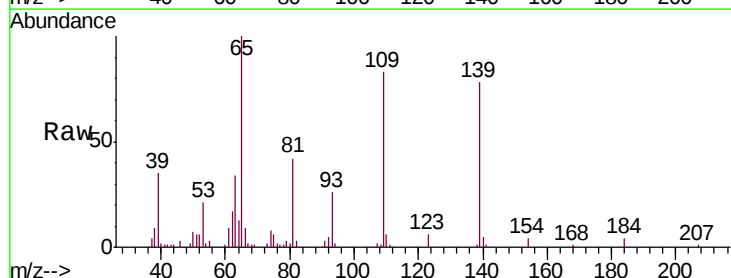
Tgt Ion:139 Resp: 123557

Ion Ratio Lower Upper

139 100

109 105.8 89.4 129.4

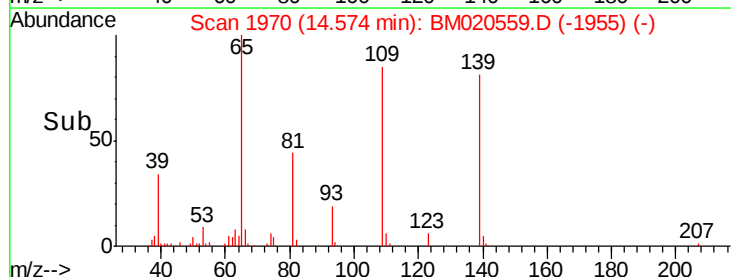
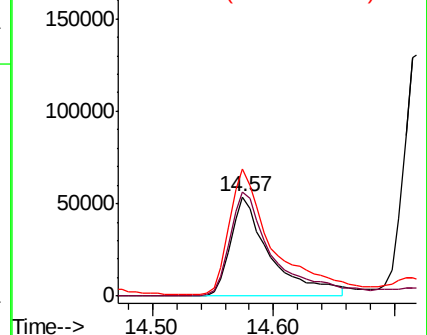
65 127.9 113.3 153.3

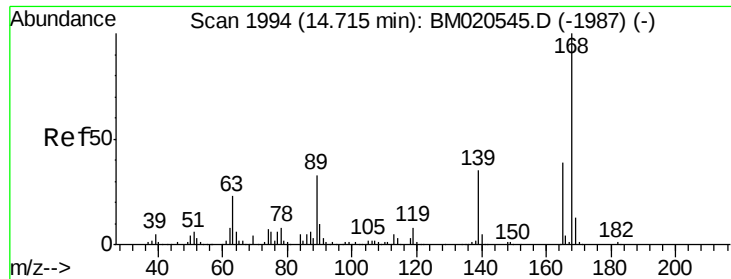


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

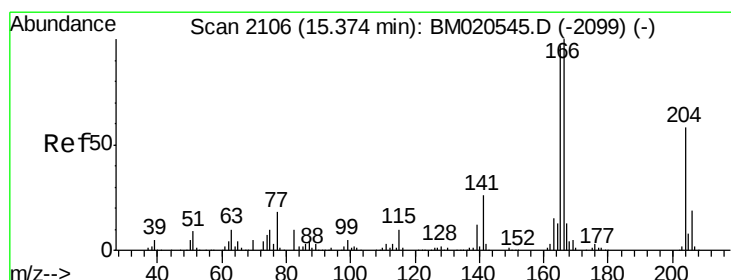
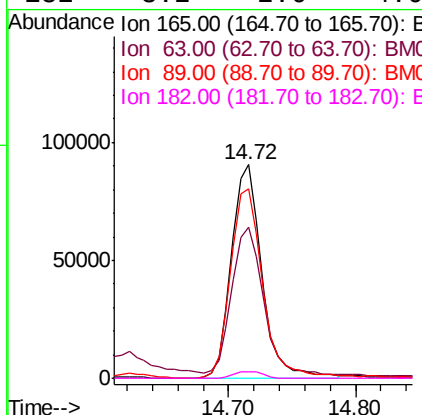
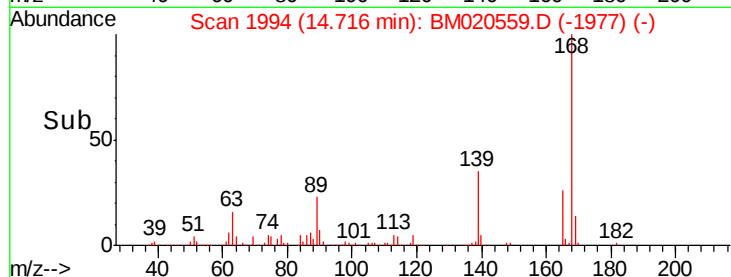
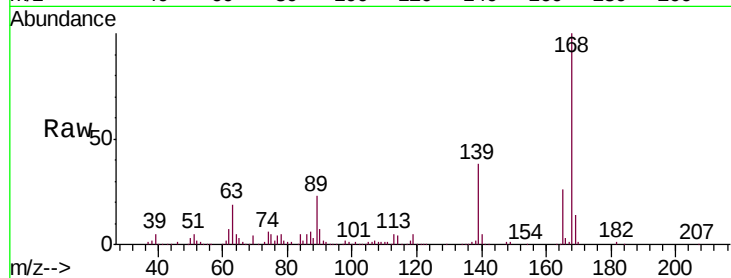




#57
 2,4-Dinitrotoluene
 Concen: 43.559 ng
 RT: 14.72 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

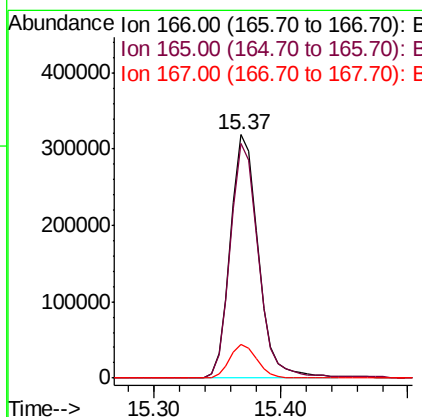
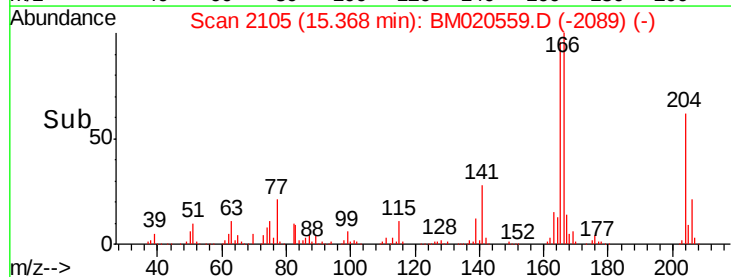
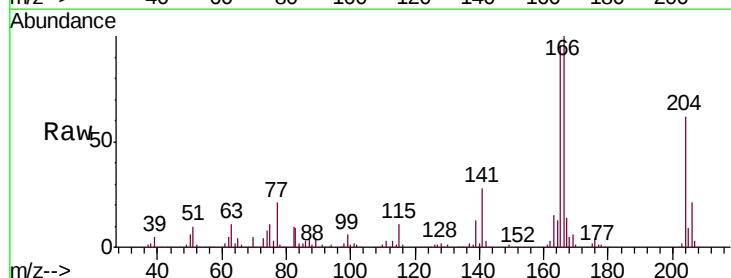
Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

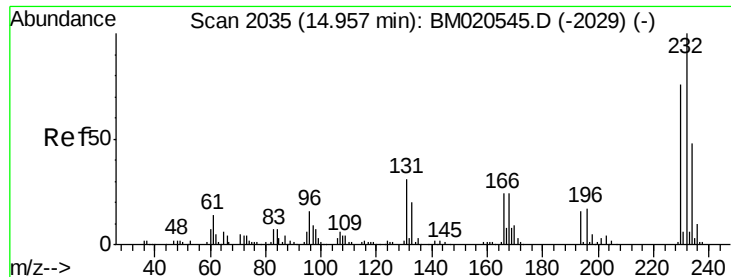
Tgt Ion:165 Resp: 150367
 Ion Ratio Lower Upper
 165 100
 63 70.4 48.7 73.1
 89 88.7 68.8 103.2
 182 3.2 2.6 4.0



#58
 Fluorene
 Concen: 43.622 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion:166 Resp: 485809
 Ion Ratio Lower Upper
 166 100
 165 96.3 77.4 116.0
 167 13.7 10.6 16.0

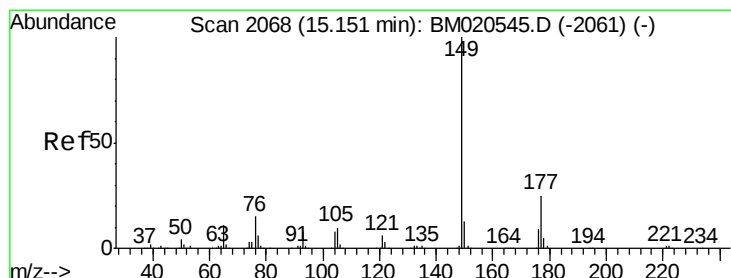
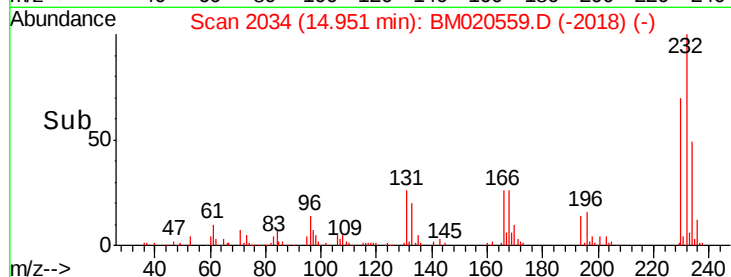
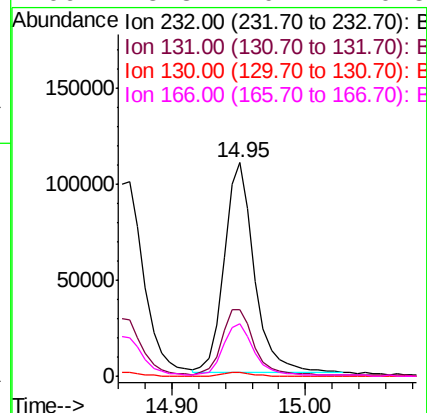
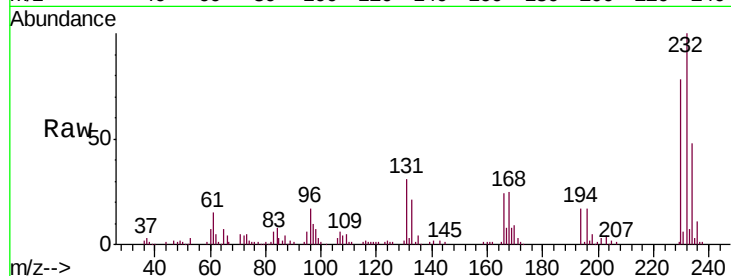




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.801 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

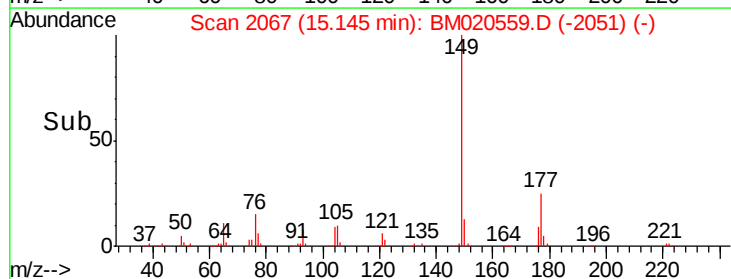
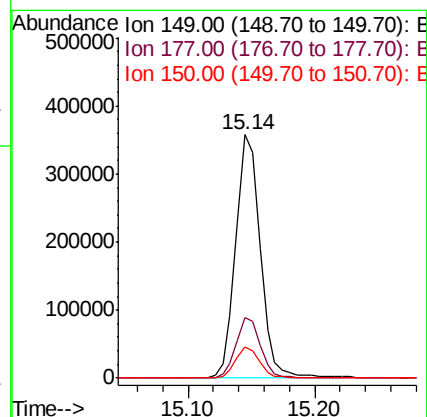
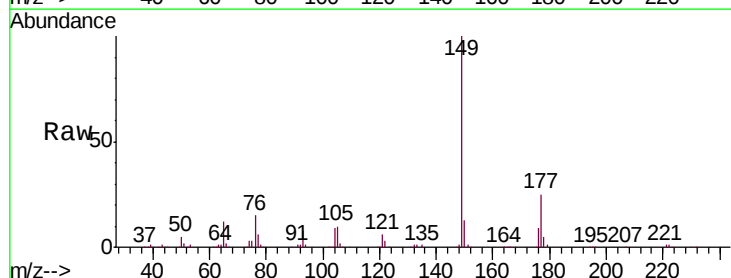
Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

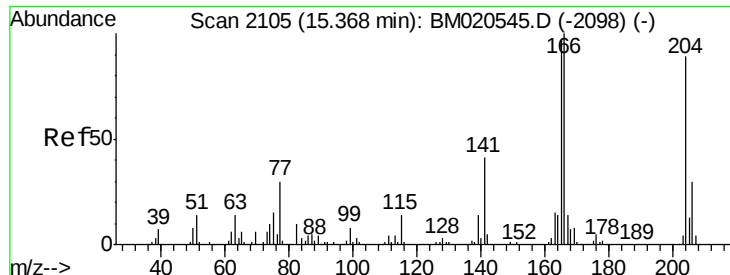
Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.3	25.4	38.0
130	2.0	1.5	2.3
166	25.3	19.7	29.5



#60
 Diethylphthalate
 Concen: 42.494 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.8	29.8
150	12.8	10.2	15.2

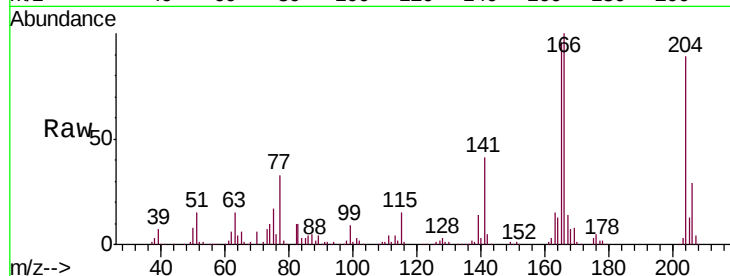




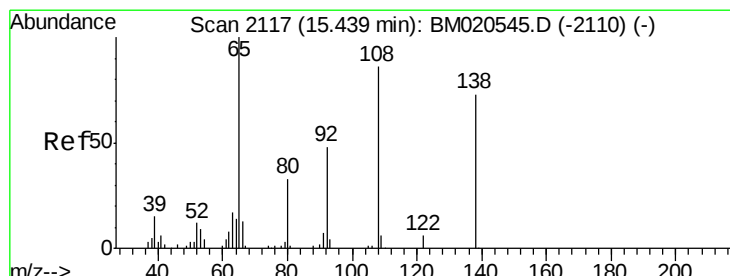
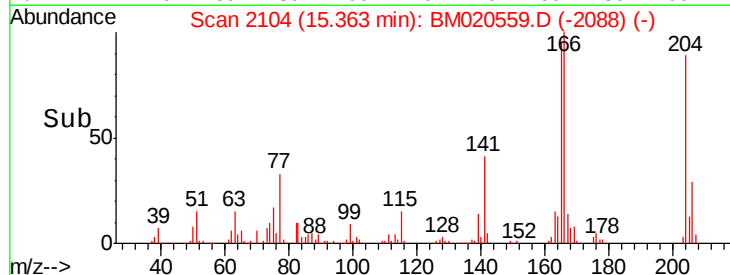
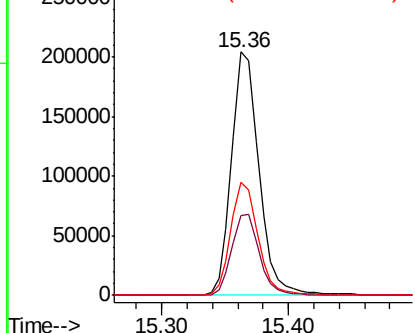
#61
4-Chlorophenyl-phenylether
Concen: 43.236 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tgt Ion:204 Resp: 307405
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 46.6 36.9 55.3

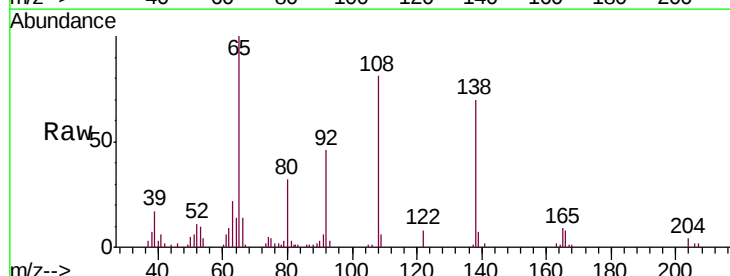


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

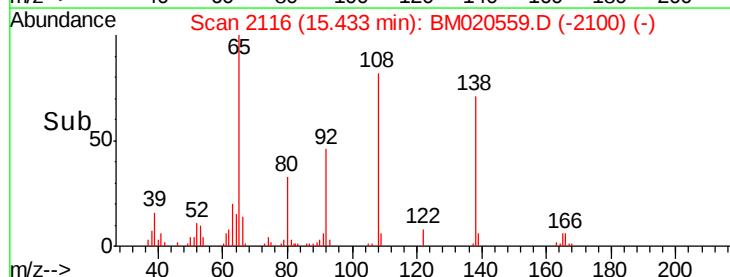
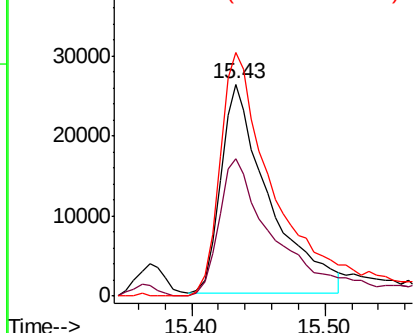


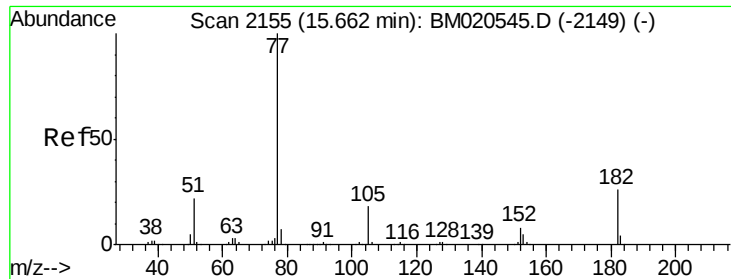
#62
4-Nitroaniline
Concen: 32.913 ng
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:138 Resp: 66136
Ion Ratio Lower Upper
138 100
92 65.2 44.5 84.5
108 115.1 95.9 135.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

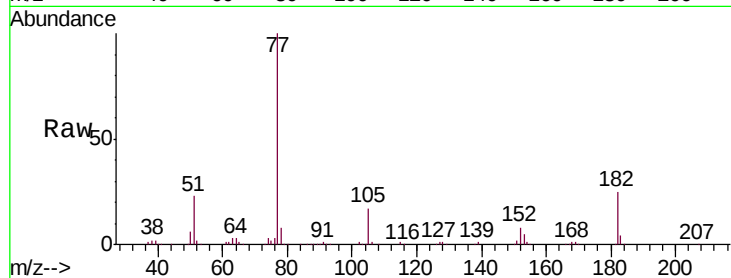




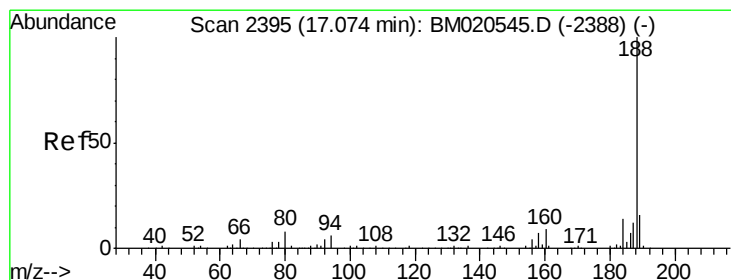
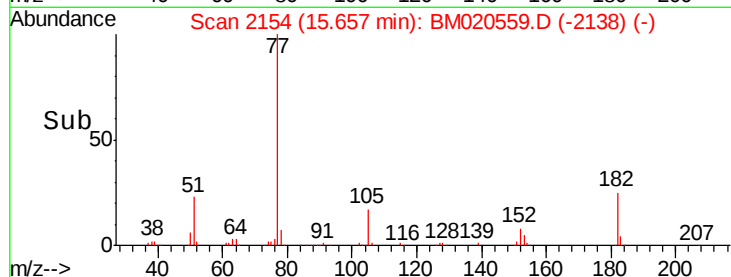
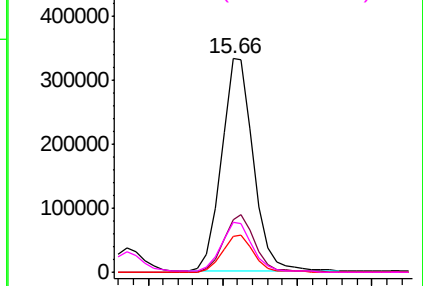
#63
Azobenzene
Concen: 45.008 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tgt Ion:	77	Resp:	494907
Ion	Ratio	Lower	Upper
77	100		
182	24.5	5.7	45.7
105	16.8	0.0	37.6
51	23.1	1.7	41.7

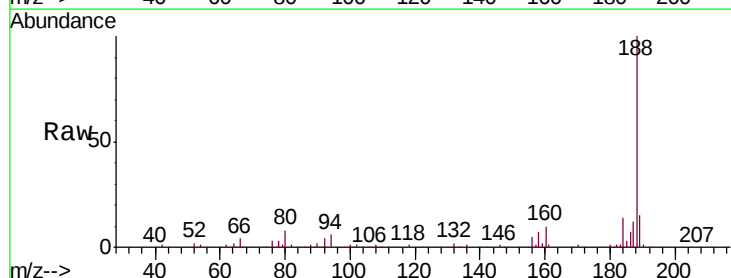


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)

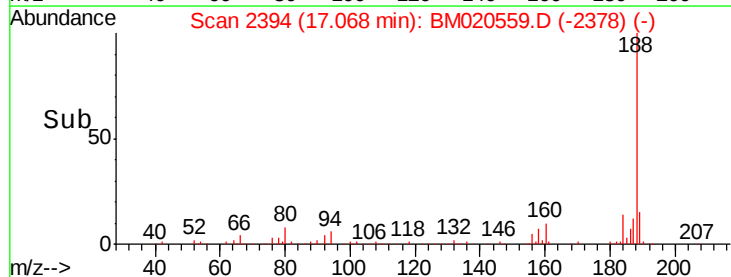
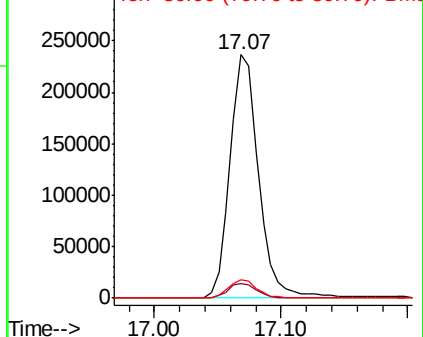


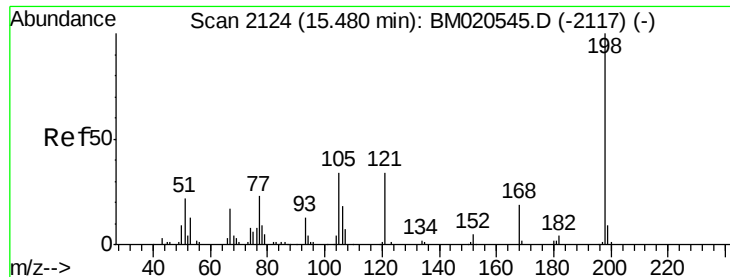
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:	188	Resp:	368669
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	7.8	6.5	9.7



Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.679 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

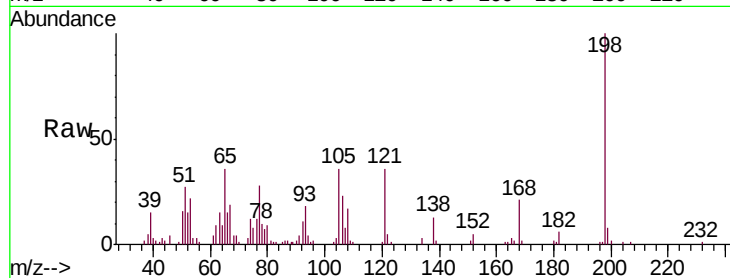
Tgt Ion:198 Resp: 89713

Ion Ratio Lower Upper

198 100

51 27.3 6.4 46.4

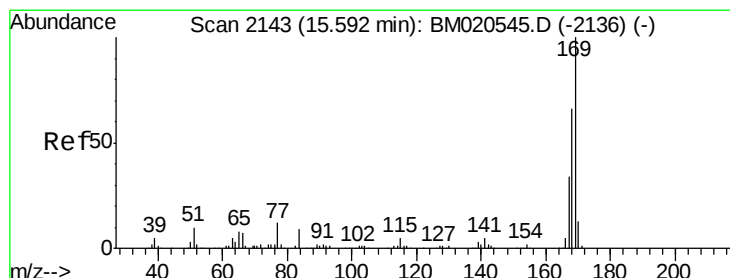
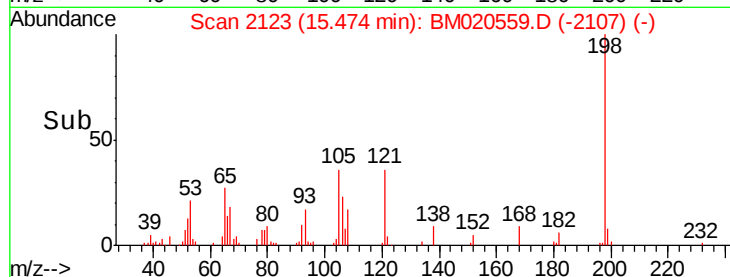
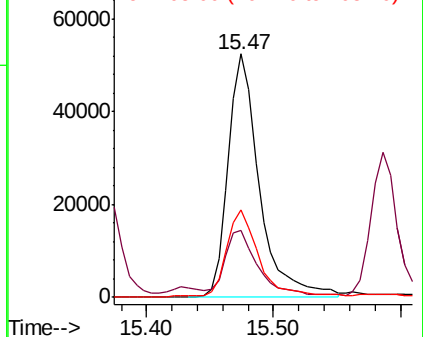
105 36.0 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.507 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

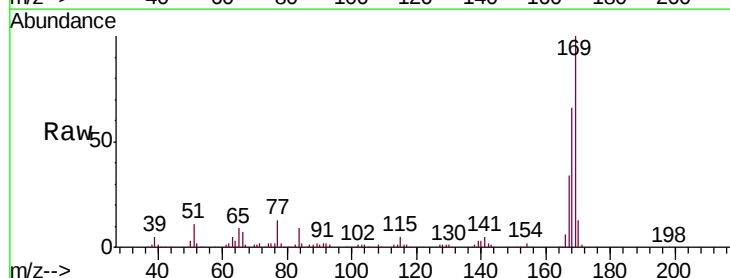
Tgt Ion:169 Resp: 434905

Ion Ratio Lower Upper

169 100

168 65.7 52.5 78.7

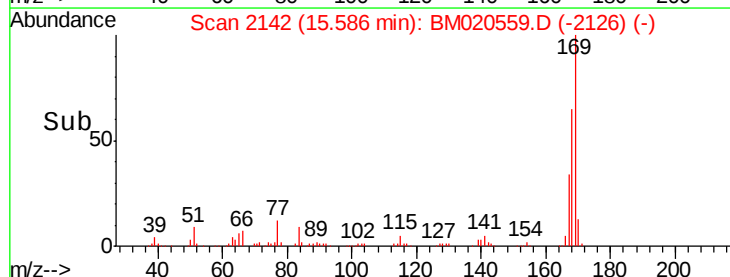
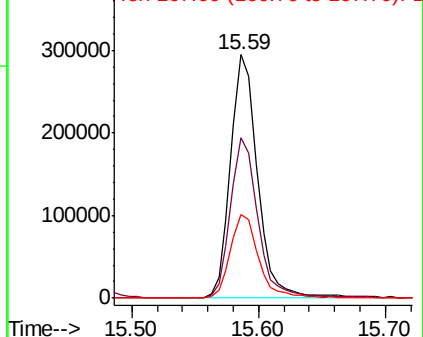
167 34.2 27.5 41.3

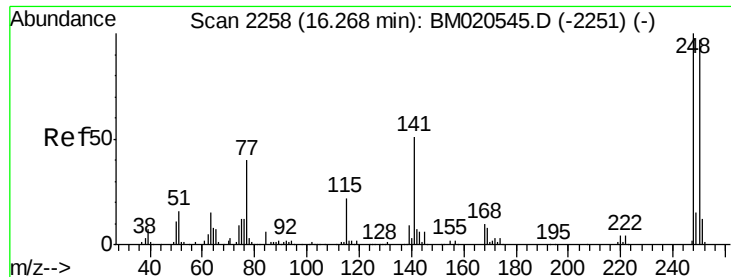


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

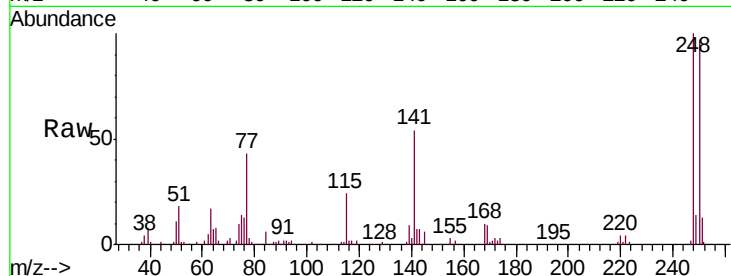




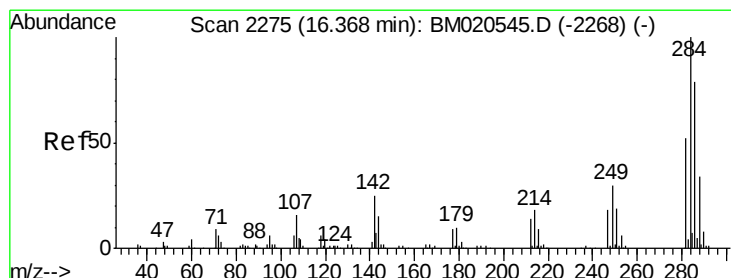
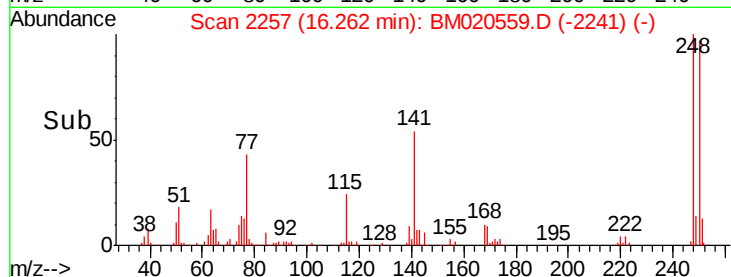
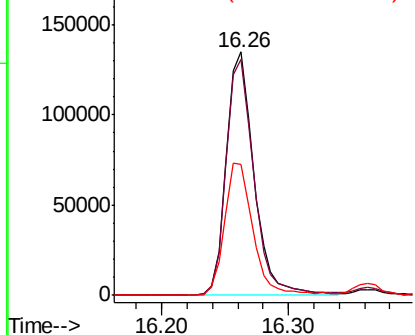
#67
 4-Bromophenyl-phenylether
 Concen: 41.717 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tgt Ion:248 Resp: 204882
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.8 116.6
 141 53.7 41.0 61.6

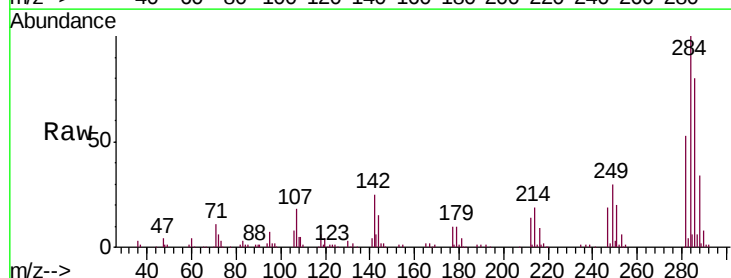


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

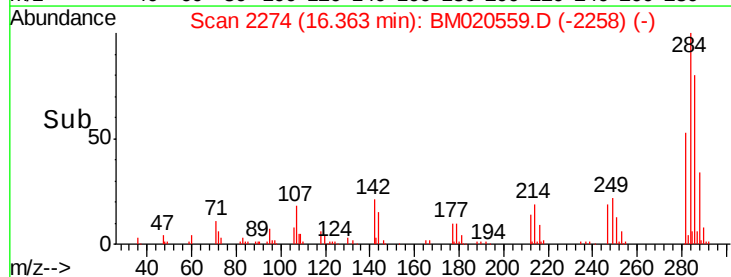
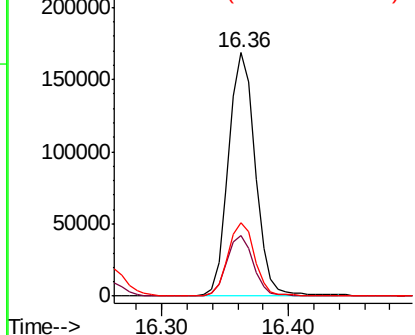


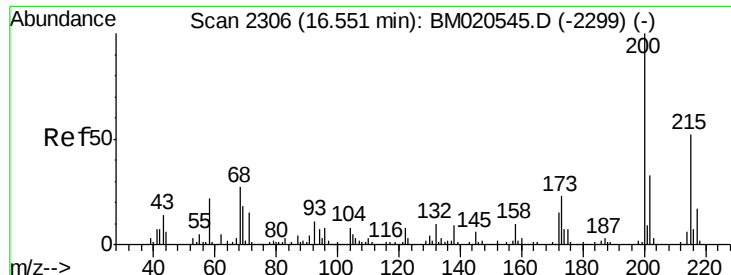
#68
 Hexachlorobenzene
 Concen: 41.435 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion:284 Resp: 246735
 Ion Ratio Lower Upper
 284 100
 142 25.0 20.2 30.2
 249 30.0 23.9 35.9



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

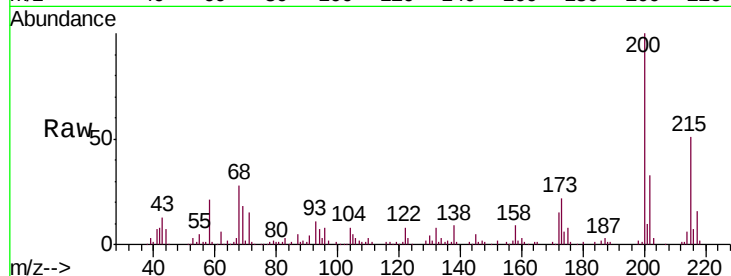




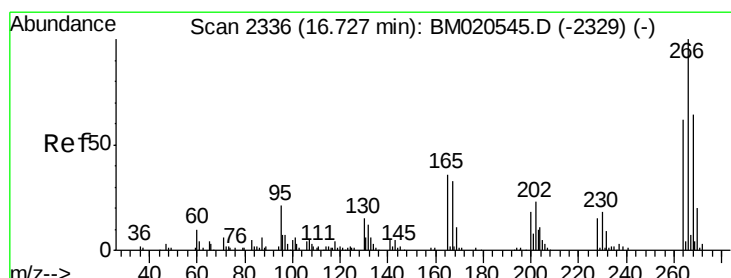
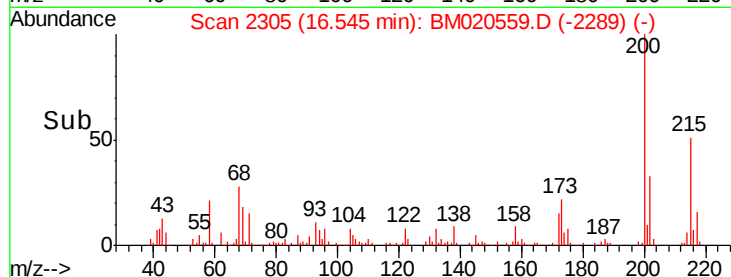
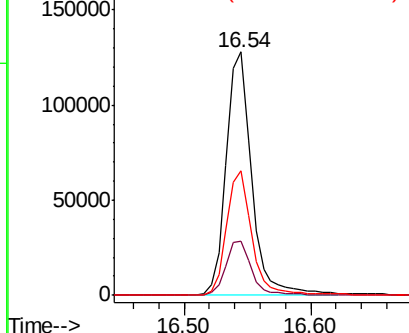
#69
 Atrazine
 Concen: 43.376 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.2	3.2	43.2
215	51.1	31.7	71.7

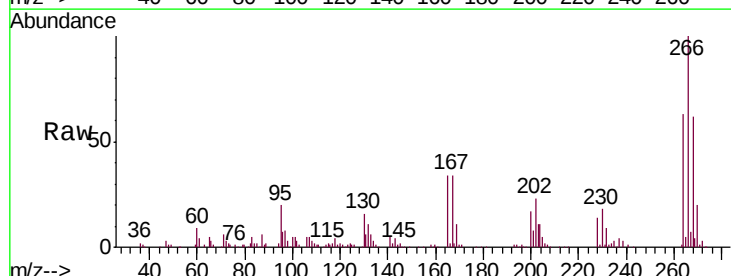


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

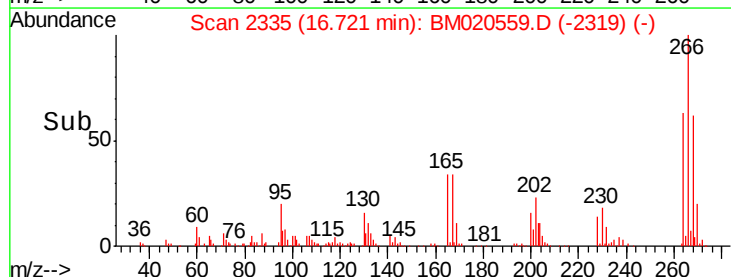
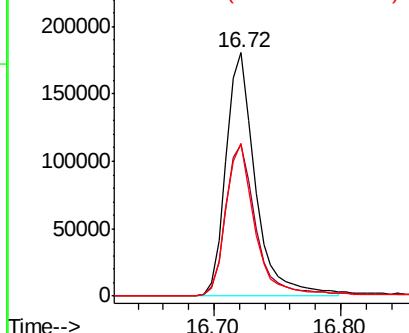


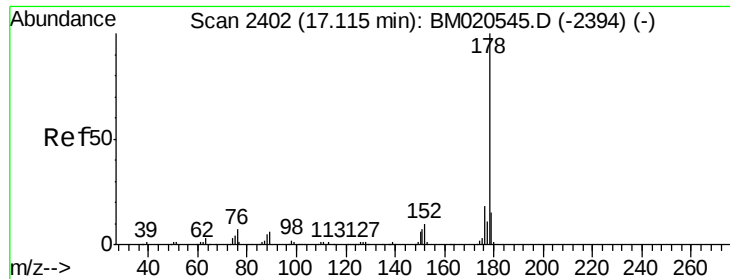
#70
 Pentachlorophenol
 Concen: 94.666 ng
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.0	76.4
264	62.8	49.8	74.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

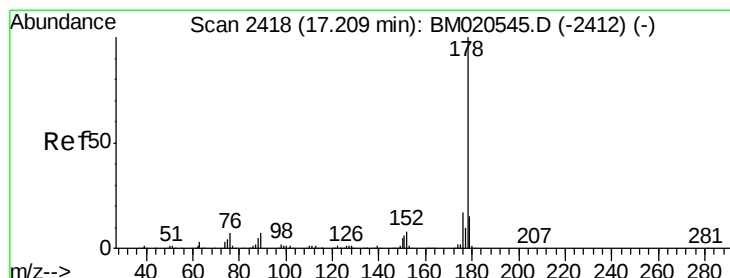
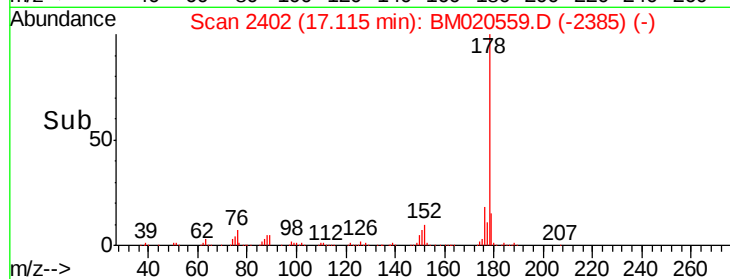
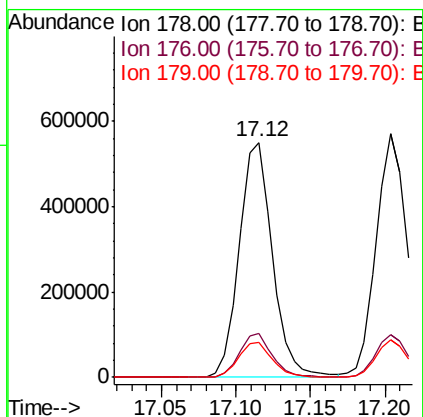
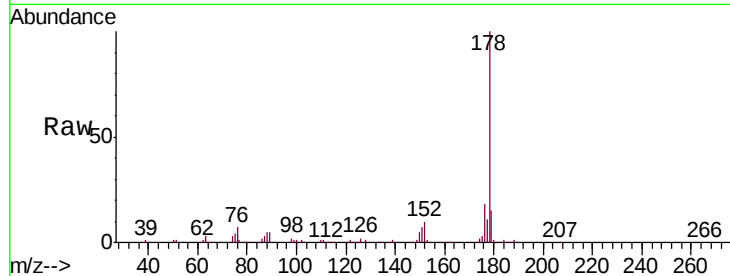




#71
Phenanthrene
Concen: 42.531 ng
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

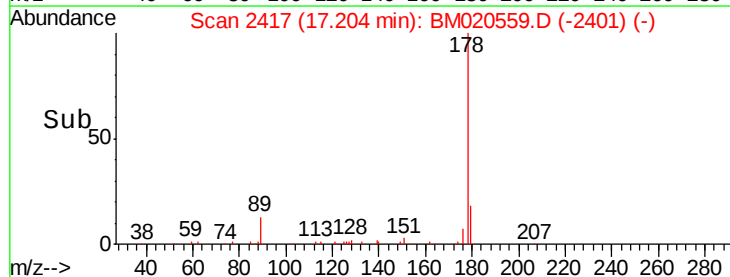
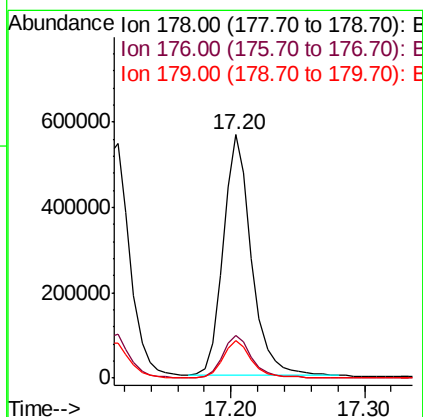
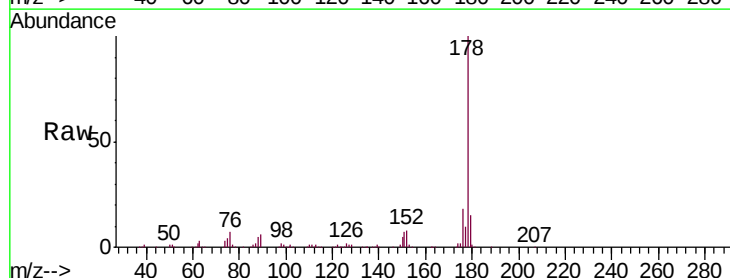
Instrument :
BNA_M
ClientSampleId :
PB119991BS

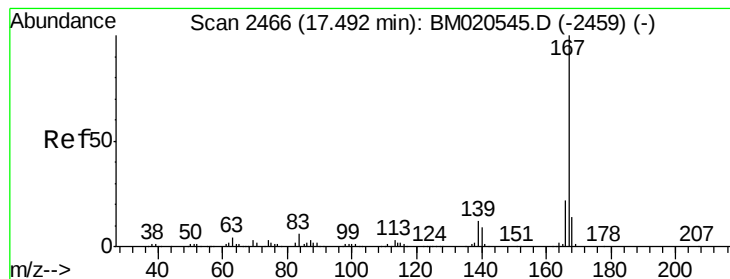
Tgt Ion:178 Resp: 851812
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.1 12.2 18.2



#72
Anthracene
Concen: 42.806 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:178 Resp: 831405
Ion Ratio Lower Upper
178 100
176 17.6 14.0 21.0
179 15.5 12.4 18.6





#73

Carbazole

Concen: 42.310 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

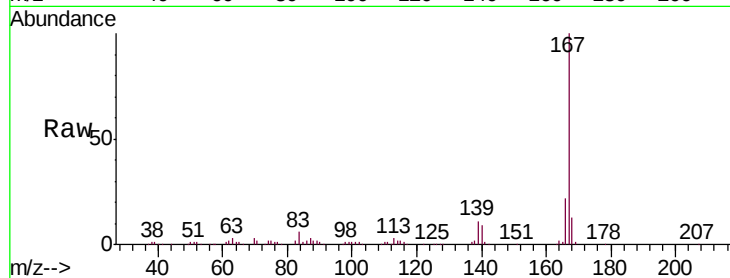
Tgt Ion:167 Resp: 705245

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

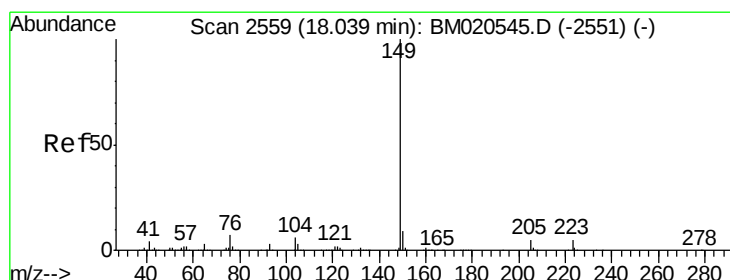
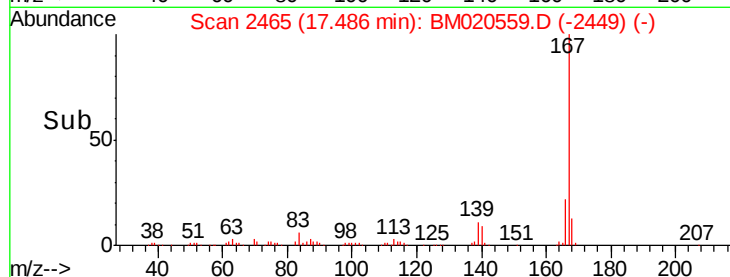
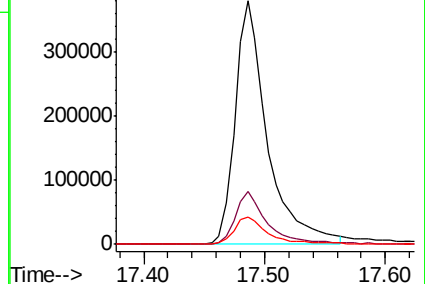
139 11.3 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.880 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

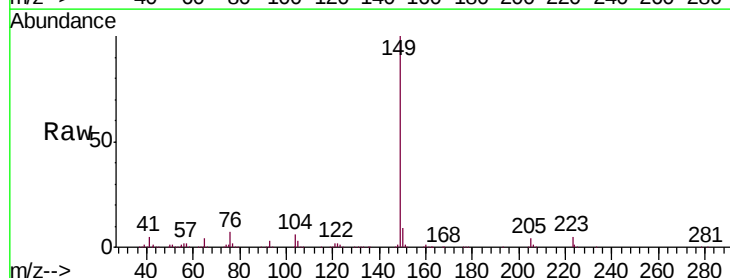
Tgt Ion:149 Resp: 838222

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

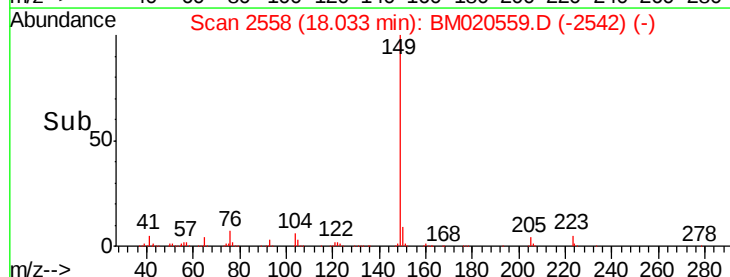
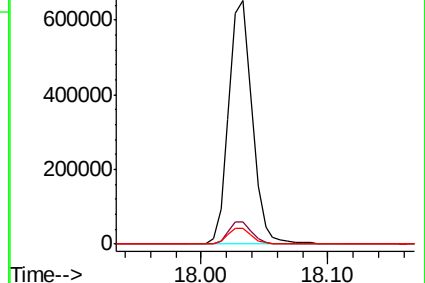
104 6.4 5.0 7.4

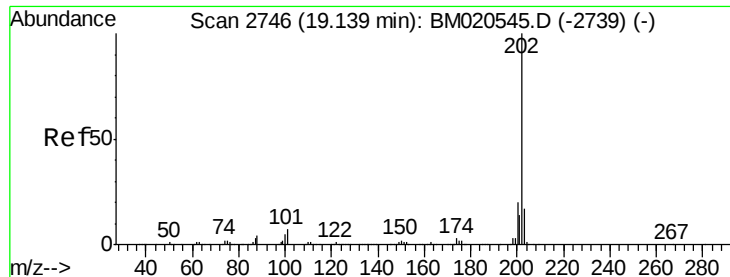


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.252 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampled :

PB119991BS

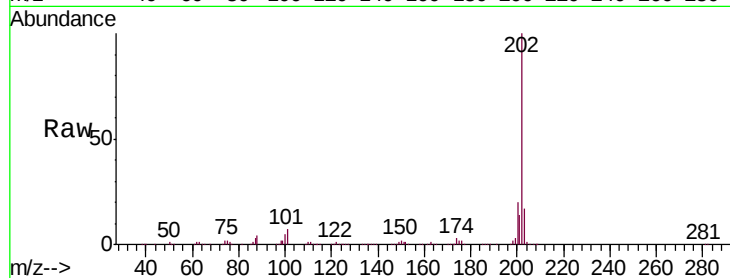
Tgt Ion:202 Resp: 1204611

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.7

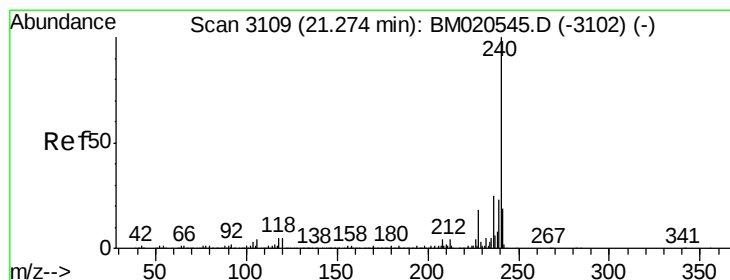
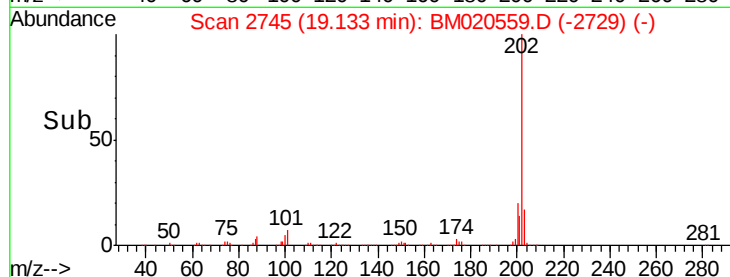
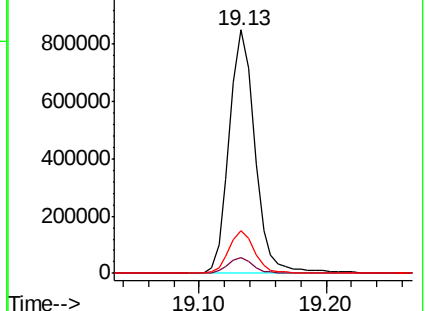
203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

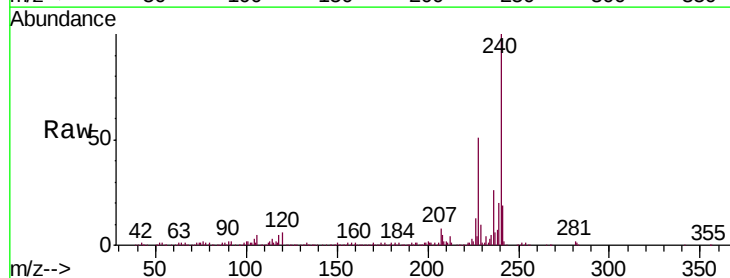
Tgt Ion:240 Resp: 475817

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

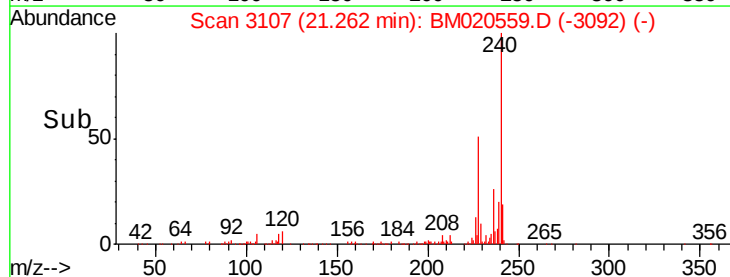
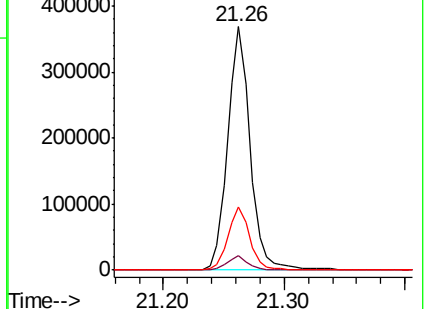
236 25.8 20.2 30.4

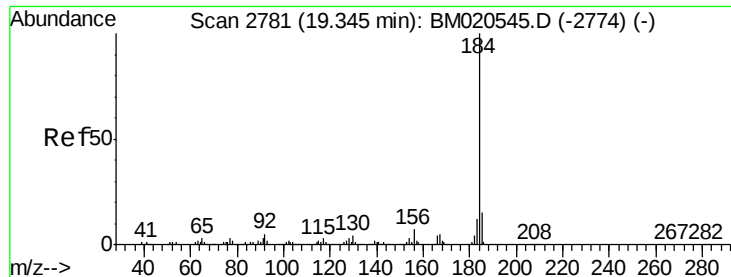


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.480 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

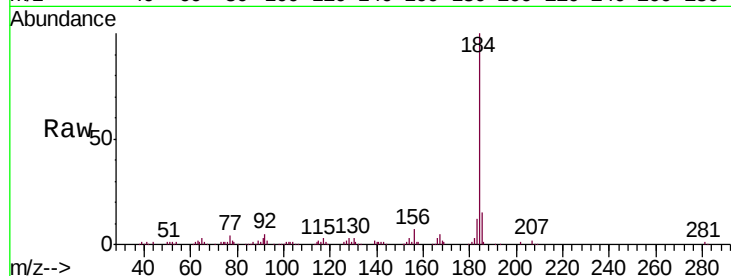
Tgt Ion:184 Resp: 371462

Ion Ratio Lower Upper

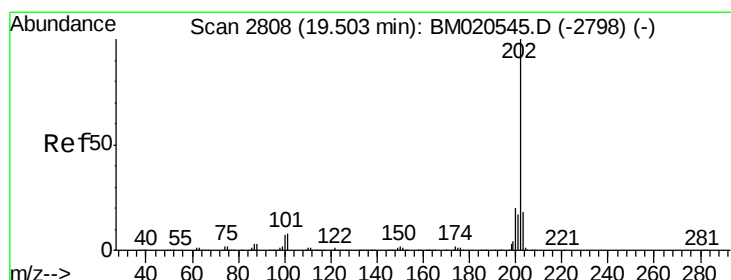
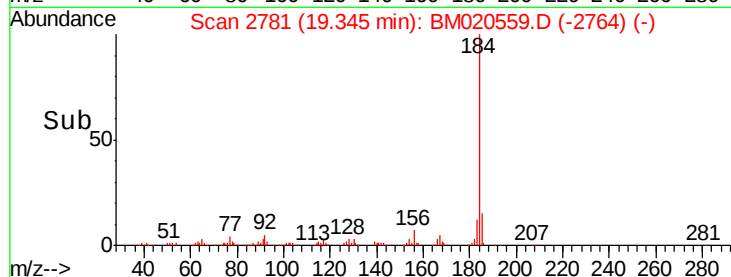
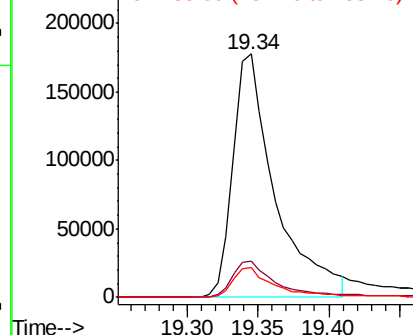
184 100

185 14.8 11.8 17.8

183 12.3 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.777 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

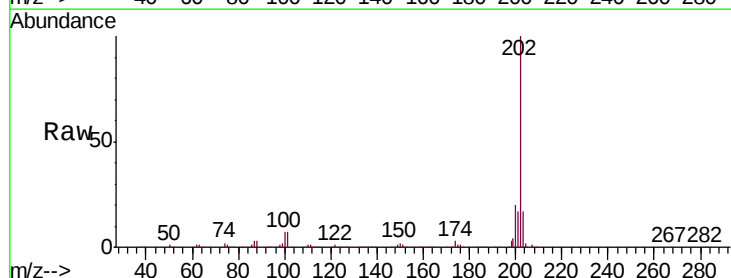
Tgt Ion:202 Resp: 1247969

Ion Ratio Lower Upper

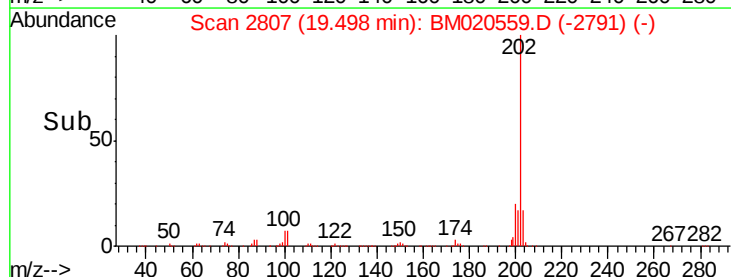
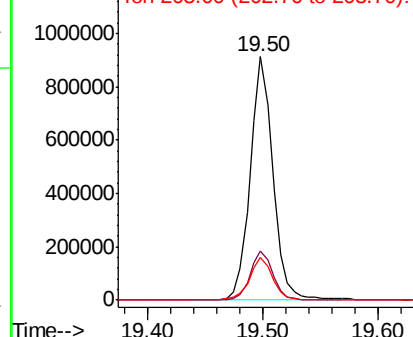
202 100

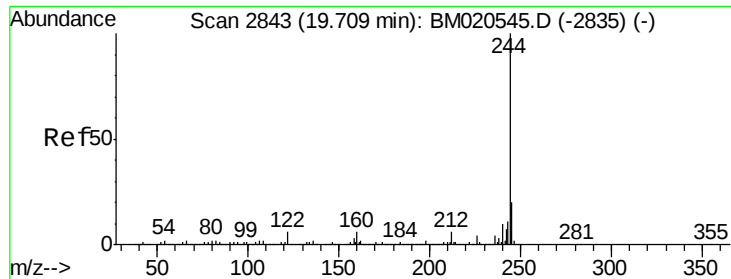
200 20.1 16.0 24.0

203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.737 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

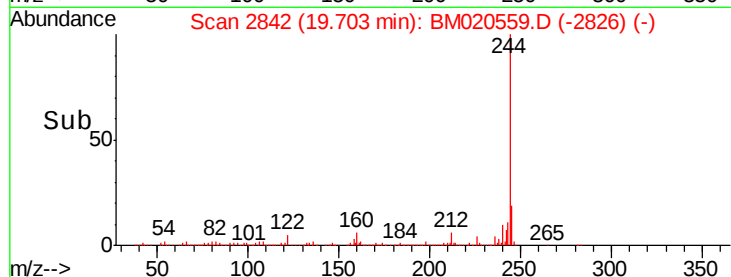
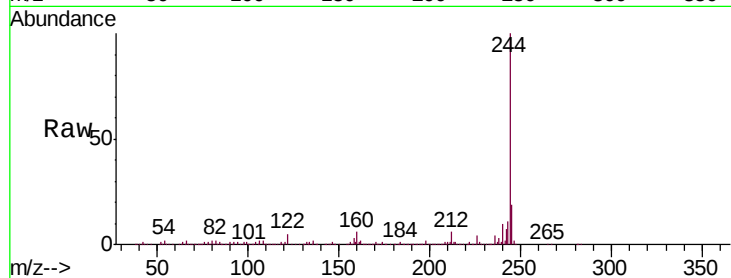
Tgt Ion:244 Resp: 2388235

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.6

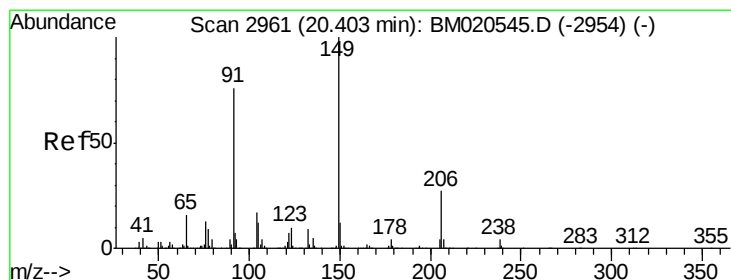
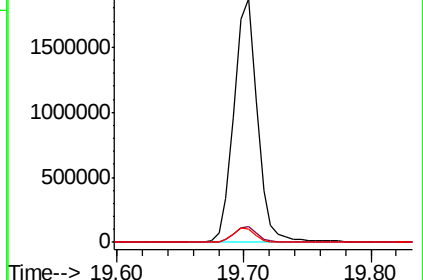
122 5.4 4.6 7.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.546 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

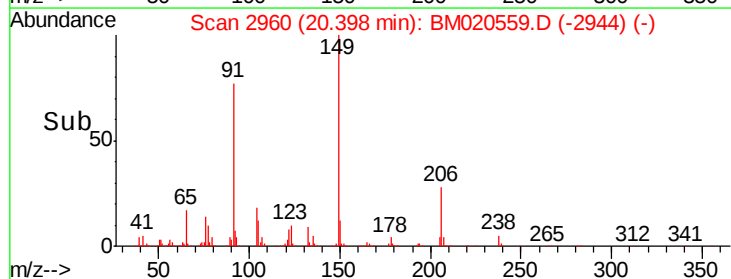
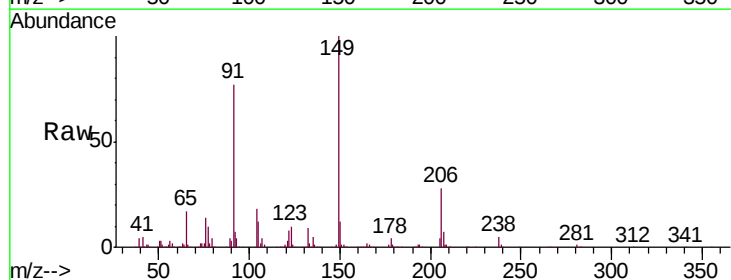
Tgt Ion:149 Resp: 425566

Ion Ratio Lower Upper

149 100

91 77.3 60.9 91.3

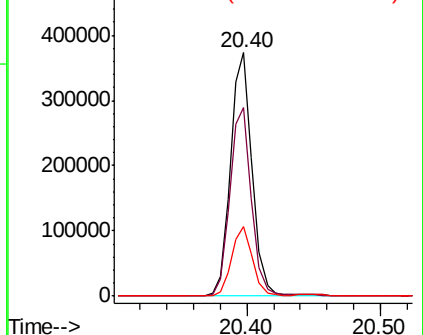
206 28.4 21.6 32.4

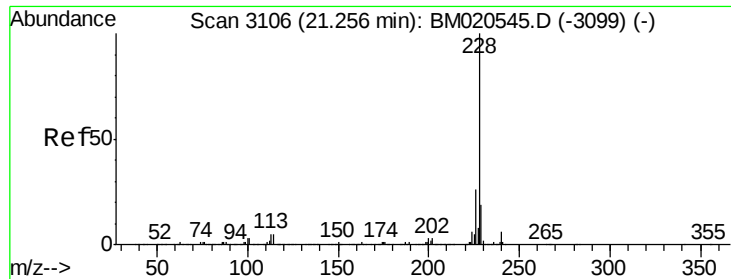


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.711 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

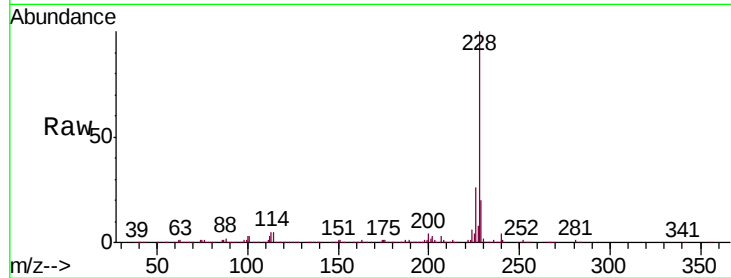
Tgt Ion:228 Resp: 1340695

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	19.6	15.5	23.3

228 100

226 26.2 20.7 31.1

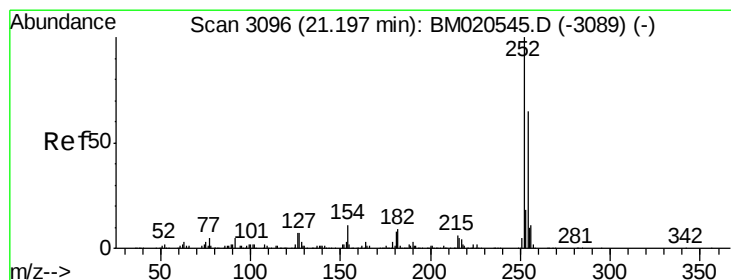
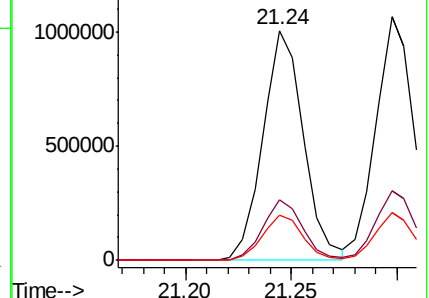
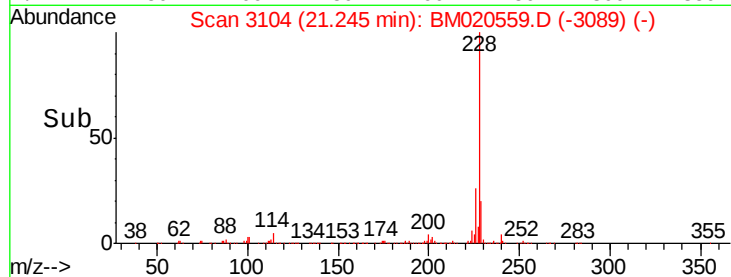
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.450 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

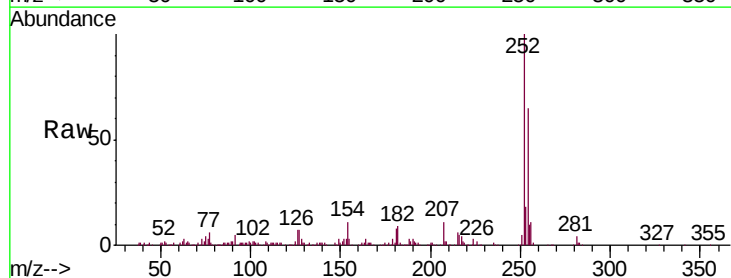
Tgt Ion:252 Resp: 353987

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	6.7	5.2	7.8

252 100

254 64.5 51.8 77.6

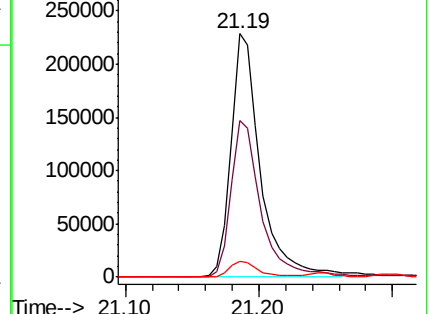
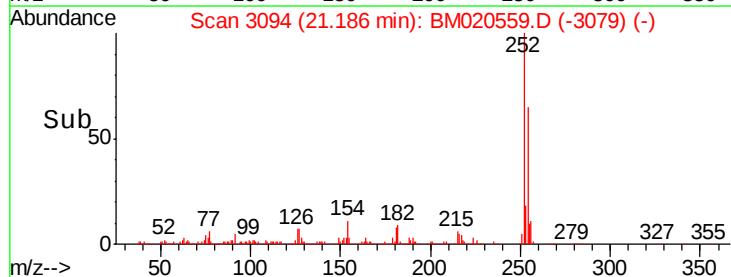
126 6.7 5.2 7.8

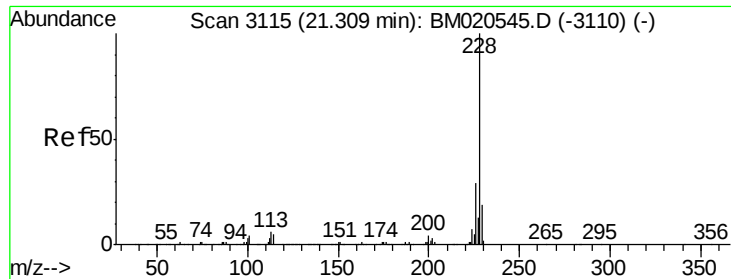


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.020 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

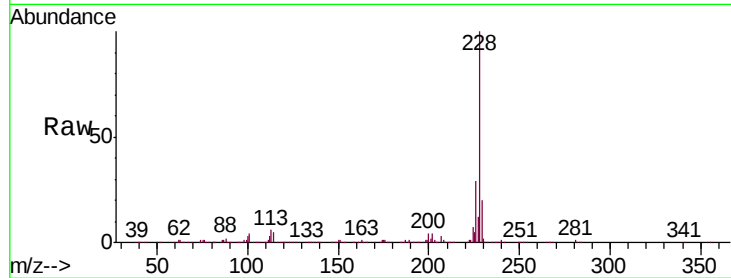
BNA_M

ClientSampleId :

PB119991BS

Tgt Ion:228 Resp: 1368947

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.6	15.4	23.2

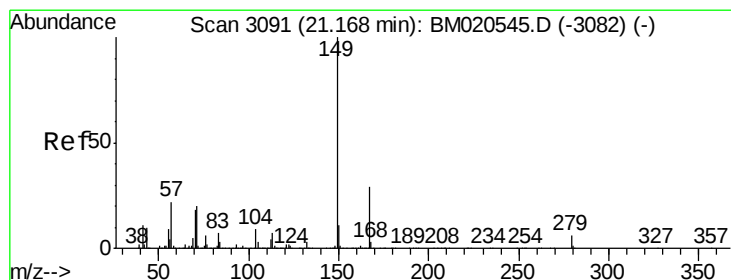
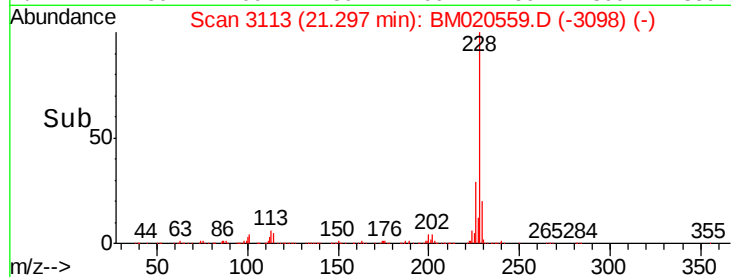
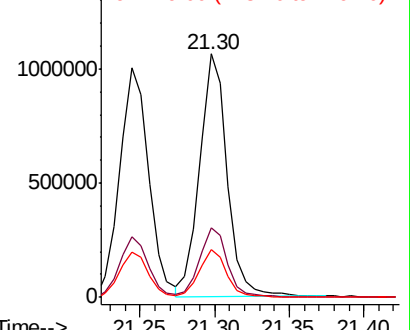


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.689 ng

RT: 21.16 min Scan# 3090

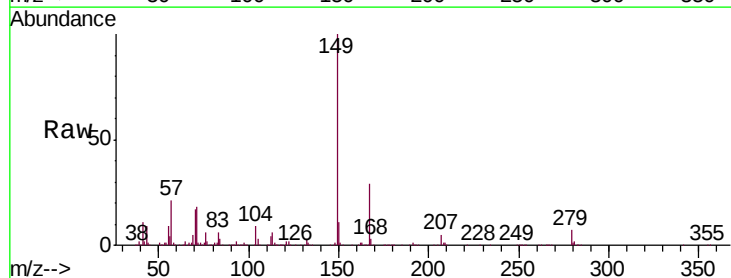
Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:149 Resp: 622436

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	6.9	4.9	7.3

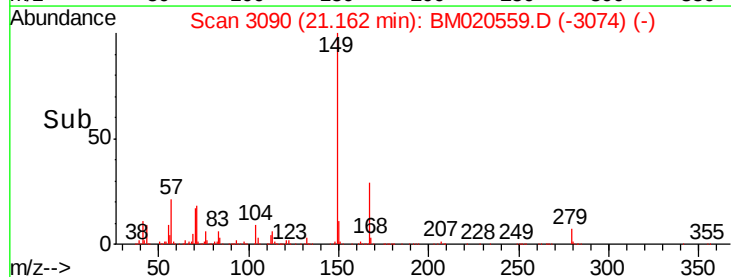
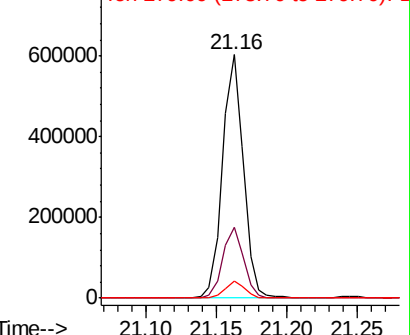


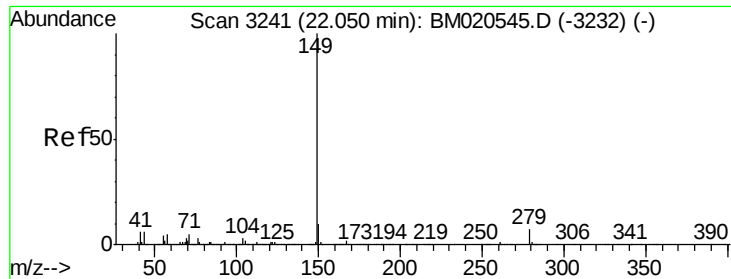
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

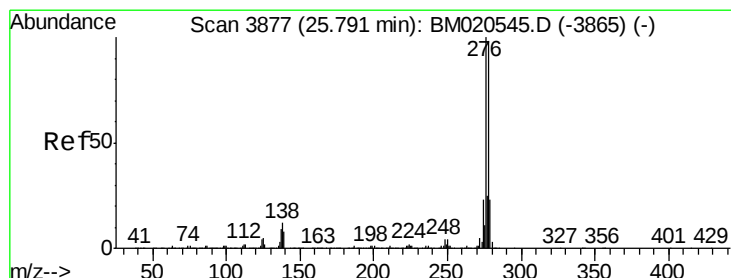
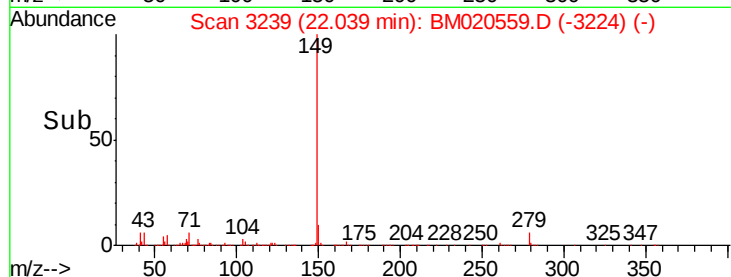
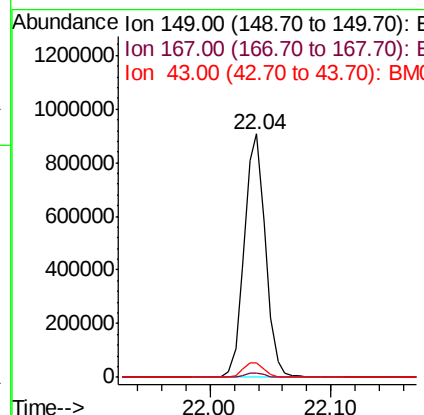
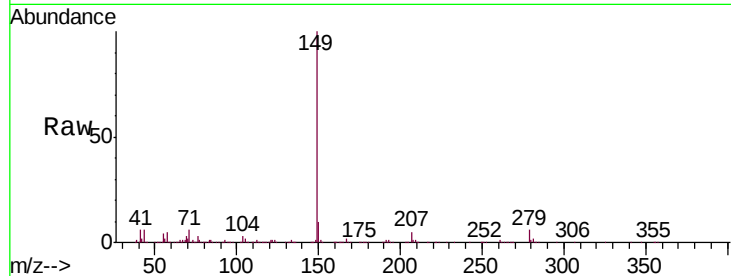




#85
Di-n-octyl phthalate
Concen: 41.755 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

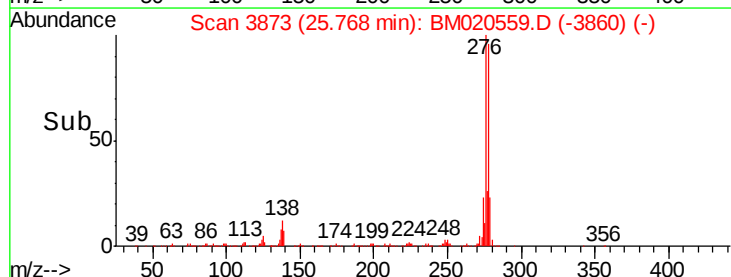
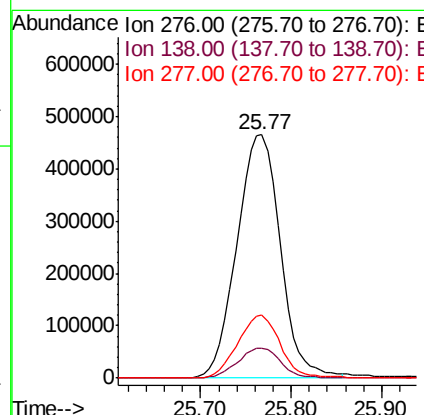
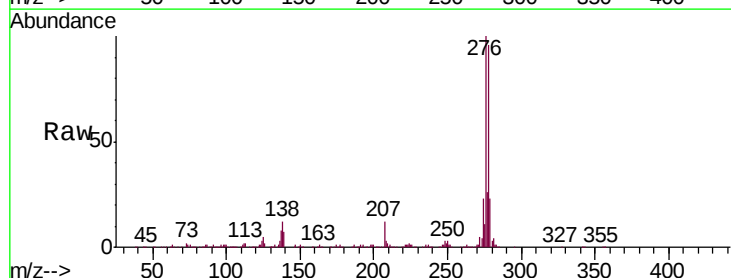
Instrument :
BNA_M
ClientSampleId :
PB119991BS

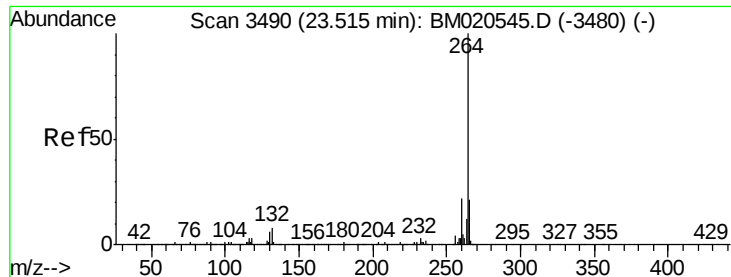
Tgt Ion:149 Resp: 1110434
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 6.0 4.8 7.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.154 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.02 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:276 Resp: 1544941
Ion Ratio Lower Upper
276 100
138 12.3 9.7 14.5
277 25.4 20.4 30.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.02 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

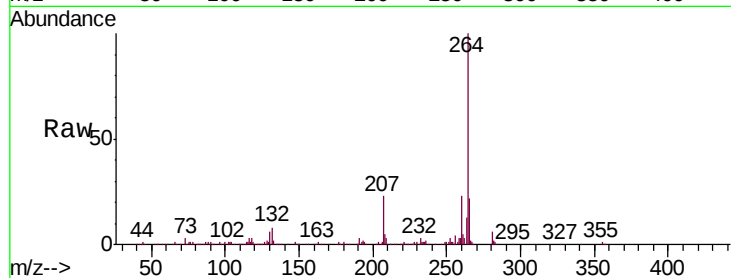
Tgt Ion:264 Resp: 496016

Ion Ratio Lower Upper

264 100

260 23.0 17.7 26.5

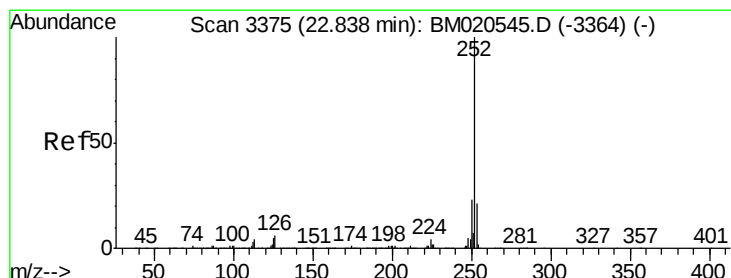
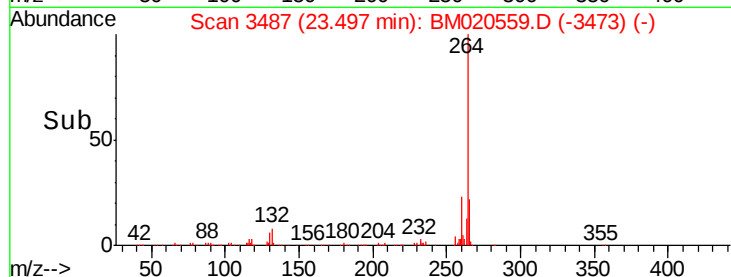
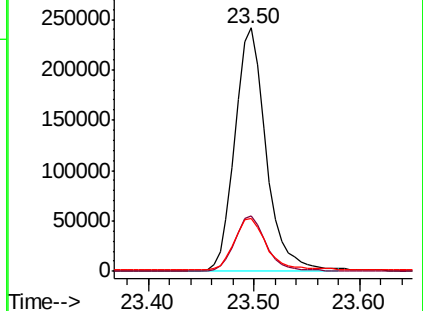
265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.967 ng

RT: 22.82 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

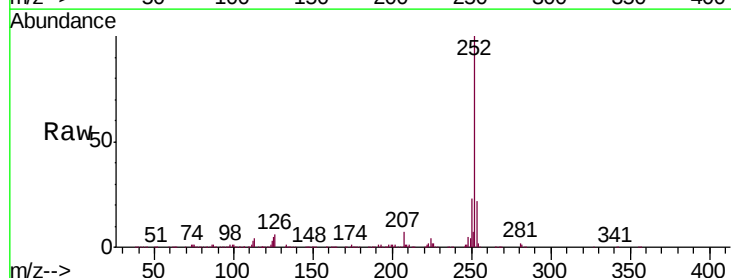
Tgt Ion:252 Resp: 1459855

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

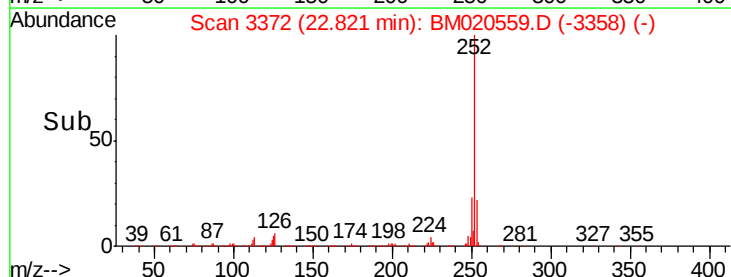
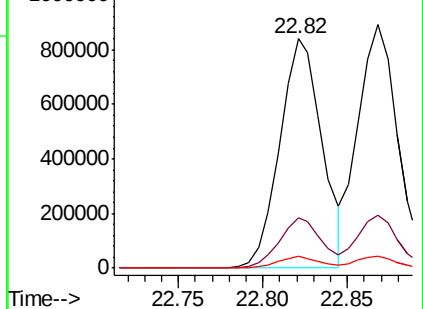
125 5.1 3.8 5.8

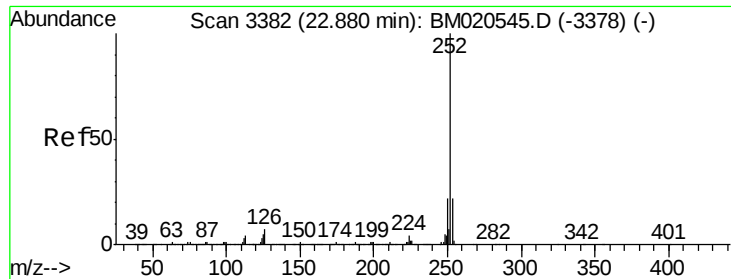


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

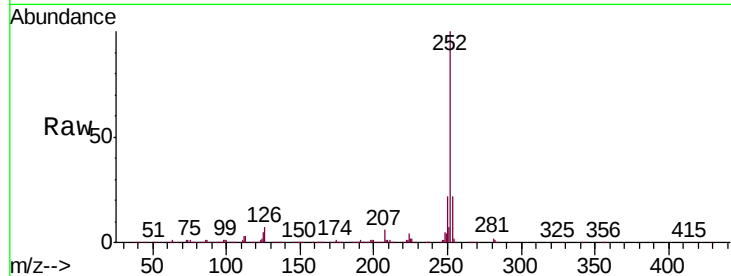




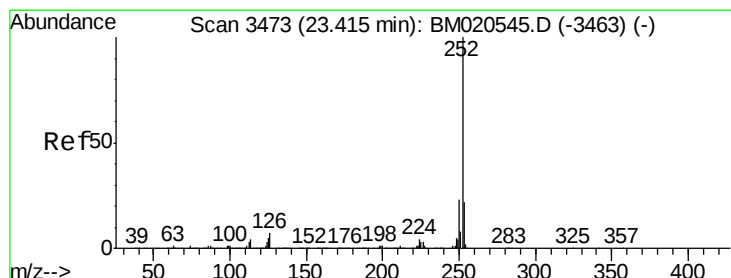
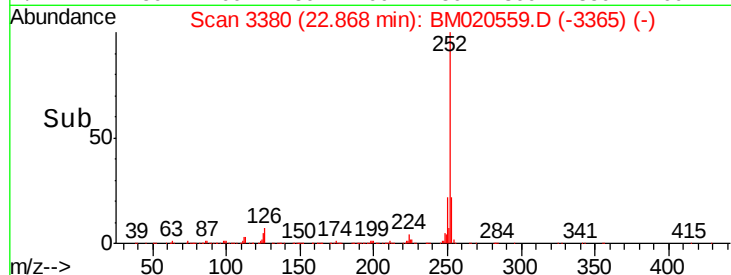
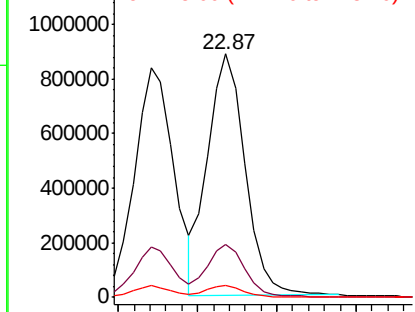
#89
Benzo(k)fluoranthene
Concen: 46.629 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tgt Ion:252 Resp: 1469205
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 4.7 4.2 6.4

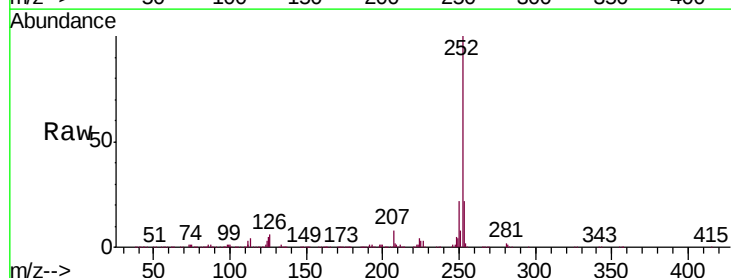


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

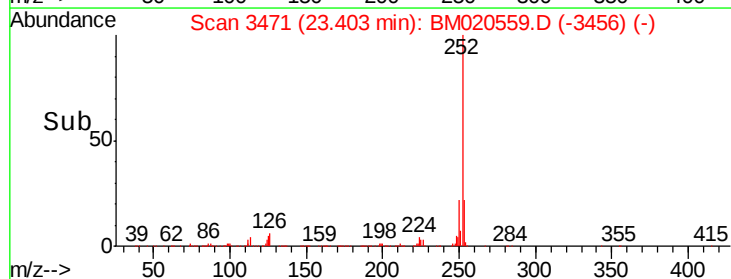
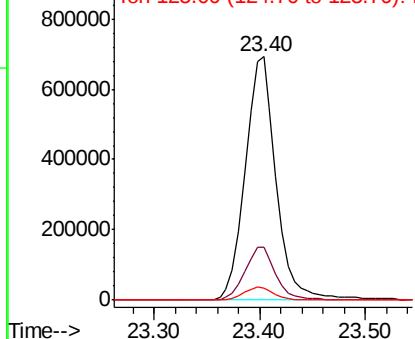


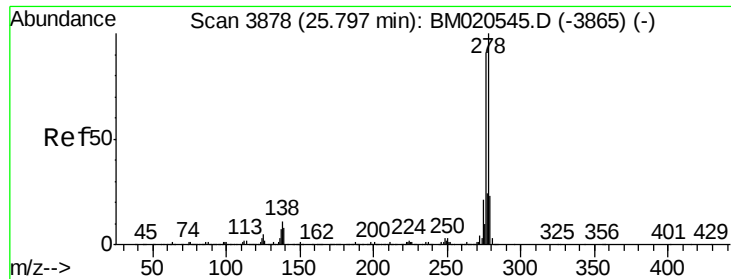
#90
Benzo(a)pyrene
Concen: 46.675 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:252 Resp: 1394403
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 4.8 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.602 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

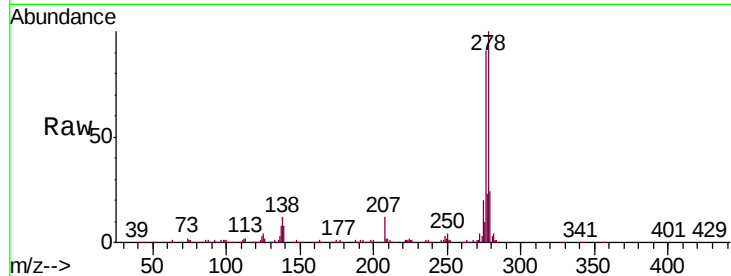
BNA_M

ClientSampleId :

PB119991BS

Tgt Ion:278 Resp: 1333390

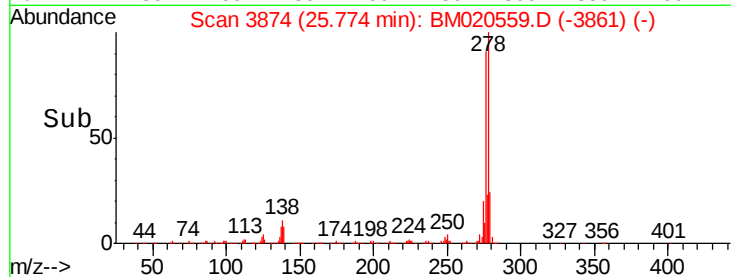
Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.3	9.5
279	23.6	18.3	27.5



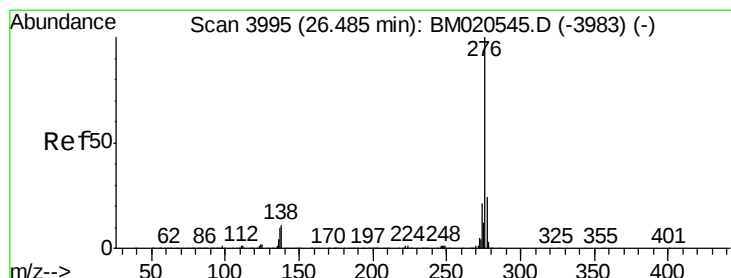
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 43.911 ng

RT: 26.46 min Scan# 3991

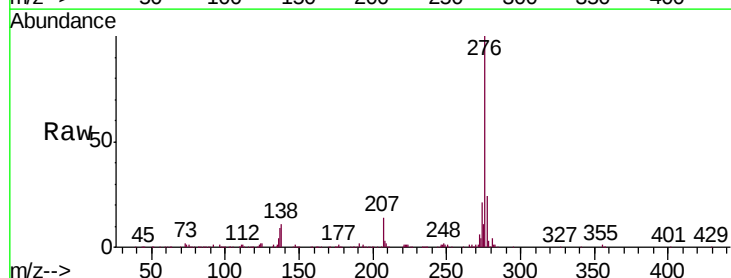
Delta R.T. -0.02 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:276 Resp: 1244803

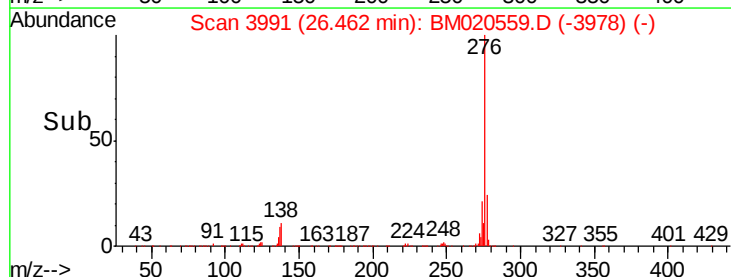
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	10.8	8.6	12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->