

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020578.D
 Acq On : 28 May 2019 13:14
 Operator : JU/SJ
 Sample : K2641-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 28 14:00:43 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	7.65	152	55531	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	180463	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	118442	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	300766	20.00	ng	0.00
76) Chrysene-d12	21.26	240	363668	20.00	ng	-0.01
87) Perylene-d12	23.50	264	399932	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	400896	141.63	ng	0.00
7) Phenol-d6	6.83	99	475510	111.30	ng	-0.01
23) Nitrobenzene-d5	8.83	82	392179	91.21	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	317826	133.94	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	830529	87.99	ng	-0.01
79) Terphenyl-d14	19.70	244	1796007	89.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	60829	41.067	ng	# 77
3) Pyridine	3.58	79	98846	23.177	ng	98
4) n-Nitrosodimethylamine	3.49	42	45747	43.551	ng	87
6) Aniline	7.00	93	52716	8.530	ng	97
8) 2-Chlorophenol	7.22	128	141969	41.017	ng	99
9) Benzaldehyde	6.83	77	4722	1.731	ng	# 71
10) Phenol	6.86	94	160492	34.788	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	134579	39.090	ng	96
12) 1,3-Dichlorobenzene	7.53	146	149760	33.785	ng	97
13) 1,4-Dichlorobenzene	7.69	146	150228	33.906	ng	97
14) 1,2-Dichlorobenzene	8.00	146	154313	34.740	ng	99
15) Benzyl Alcohol	7.91	79	126778	32.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	89518	37.306	ng	98
17) 2-Methylphenol	8.10	107	103822	34.087	ng	96
18) Hexachloroethane	8.71	117	61507	34.269	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	128744	33.937	ng	97
20) 3+4-Methylphenols	8.43	107	126096	30.871	ng	99
22) Acetophenone	8.49	105	216494	43.565	ng	# 99
24) Nitrobenzene	8.87	77	186044	43.815	ng	96
25) Isophorone	9.38	82	342808	42.850	ng	99
26) 2-Nitrophenol	9.57	139	63643	40.621	ng	97
27) 2,4-Dimethylphenol	9.63	122	103985	44.554	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	164561	39.515	ng	99
29) 2,4-Dichlorophenol	10.10	162	119305	38.434	ng	96
30) 1,2,4-Trichlorobenzene	10.30	180	172809	40.715	ng	99
31) Naphthalene	10.49	128	390599	41.919	ng	99
32) Benzoic acid	9.77	122	23376	21.924	ng	90
33) 4-Chloroaniline	10.66	127	7230	1.944	ng	# 92
34) Hexachlorobutadiene	10.75	225	132237	41.905	ng	99
35) Caprolactam	11.45	113	24912	24.384	ng	88
36) 4-Chloro-3-methylphenol	11.75	107	126444	37.432	ng	95
37) 2-Methylnaphthalene	12.11	142	290733	40.842	ng	99
38) 1-Methylnaphthalene	12.33	142	283956	41.170	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	233078	46.812	ng	99

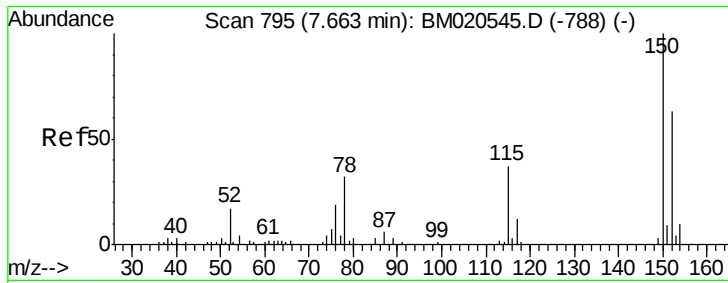
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	207350	84.432	ng	98
43) 2,4,6-Trichlorophenol	12.74	196	130511	42.357	ng	97
44) 2,4,5-Trichlorophenol	12.82	196	118143	41.060	ng	98
46) 1,1'-Biphenyl	13.14	154	410730	45.026	ng	99
47) 2-Chloronaphthalene	13.18	162	331858	42.915	ng	97
48) 2-Nitroaniline	13.42	65	77899	33.941	ng	96
49) Acenaphthylene	14.03	152	504244	42.879	ng	99
50) Dimethylphthalate	13.77	163	431221	41.104	ng	99
51) 2,6-Dinitrotoluene	13.91	165	91168	41.695	ng	92
52) Acenaphthene	14.37	154	302771	42.724	ng	99
53) 3-Nitroaniline	14.27	138	18985	14.184	ng	93
54) 2,4-Dinitrophenol	14.47	184	91002	66.102	ng	98
55) Dibenzofuran	14.72	168	531615	43.351	ng	98
56) 4-Nitrophenol	14.57	139	70988	52.515	ng	92
57) 2,4-Dinitrotoluene	14.71	165	127016	40.226	ng	# 90
58) Fluorene	15.36	166	427283	41.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	144123	43.047	ng	98
60) Diethylphthalate	15.14	149	427482	41.357	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	271796	41.793	ng	98
62) 4-Nitroaniline	15.43	138	43162	23.483	ng	96
63) Azobenzene	15.66	77	430954	42.847	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	72840	39.520	ng	96
66) n-Nitrosodiphenylamine	15.59	169	367023	45.005	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	176811	44.129	ng	98
68) Hexachlorobenzene	16.36	284	211226	43.481	ng	98
69) Atrazine	16.54	200	119863	35.723	ng	98
70) Pentachlorophenol	16.72	266	233470	93.042	ng	98
71) Phenanthrene	17.11	178	712728	43.621	ng	99
72) Anthracene	17.20	178	683769	43.153	ng	99
73) Carbazole	17.49	167	547248	40.244	ng	98
74) Di-n-butylphthalate	18.03	149	722089	43.167	ng	99
75) Fluoranthene	19.13	202	971102	42.740	ng	100
77) Benzidine	19.39	184	7855	1.175	ng	# 95
78) Pyrene	19.50	202	988254	43.285	ng	99
80) Butylbenzylphthalate	20.40	149	343614	42.834	ng	99
81) Benzo(a)anthracene	21.25	228	1033064	41.044	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	160452	17.465	ng	99
83) Chrysene	21.30	228	1076161	44.248	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	529362	45.276	ng	100
85) Di-n-octyl phthalate	22.04	149	947887	46.635	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1409885	47.944	ng	100
88) Benzo(b)fluoranthene	22.83	252	1174679	44.876	ng	99
89) Benzo(k)fluoranthene	22.87	252	1163757	45.808	ng	99
90) Benzo(a)pyrene	23.41	252	1130306	46.924	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	1206232	48.920	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1167283	51.070	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

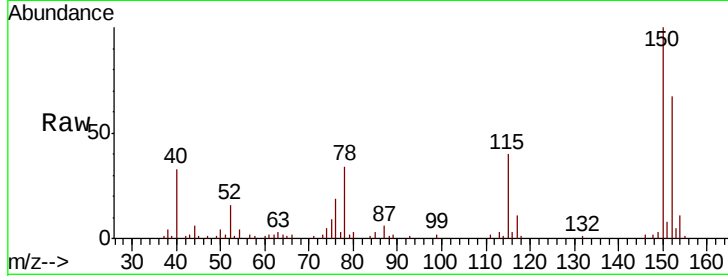


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	190.0
115	60.4	46.6	70.0

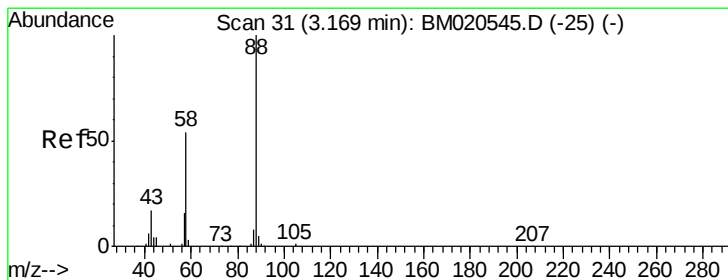
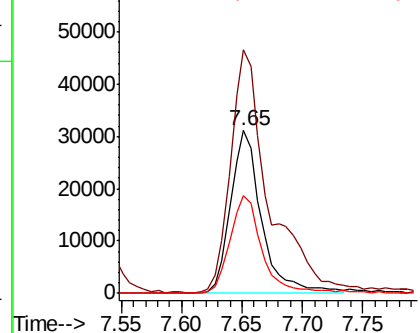
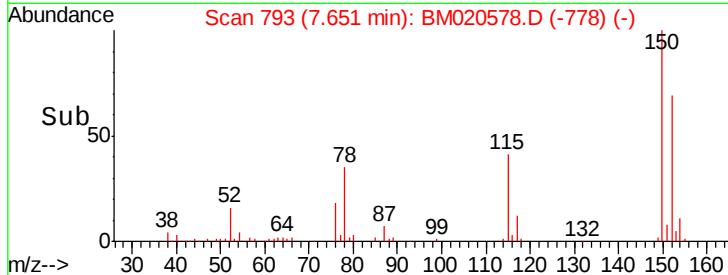


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

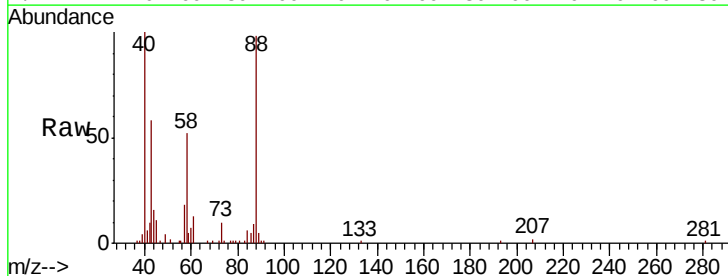
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.067 ng
RT: 3.18 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.9	42.3	63.5
43	56.6	16.0	24.0

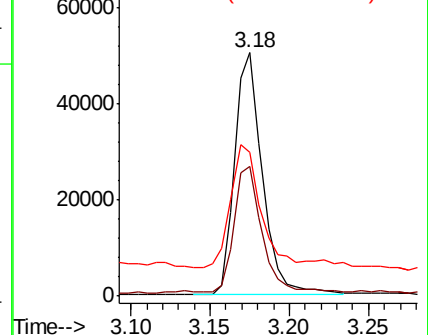
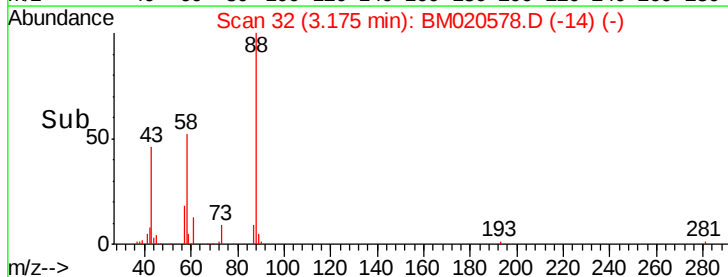


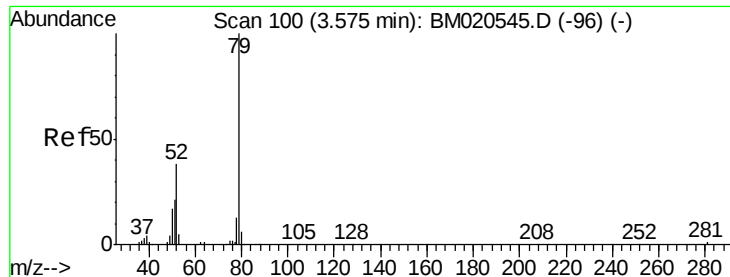
Abundance

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

Pvridine

Concen: 23.177 ng

RT: 3.58 min Scan# 101

Delta R.T. 0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

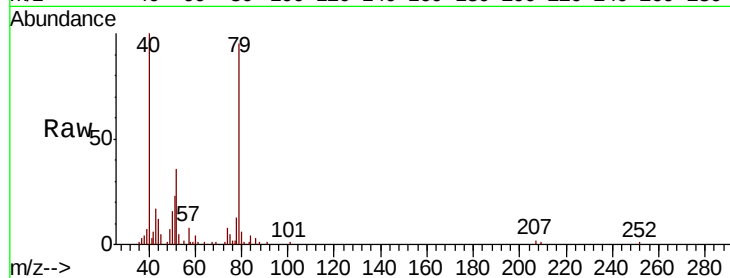
Tot Ion: 79 Resp: 98846

Ion Ratio Lower Upper

79 100

52 37.4 30.1 45.1

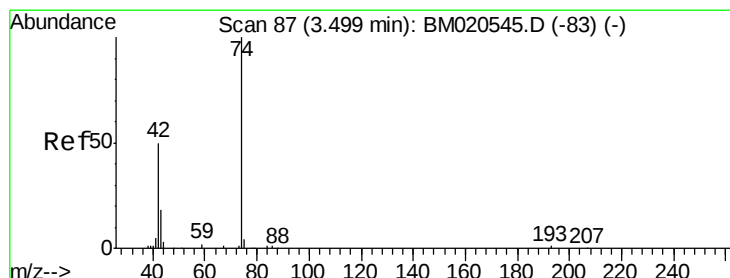
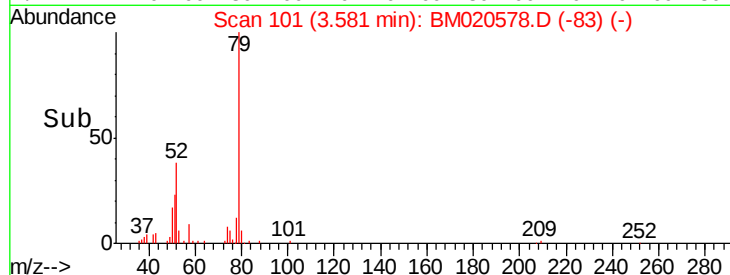
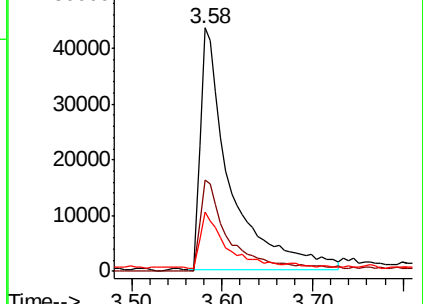
51 24.2 17.8 26.8



Abundance Ion 79.00 (78.70 to 79.70): BM020578.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020578.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020578.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 43.551 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

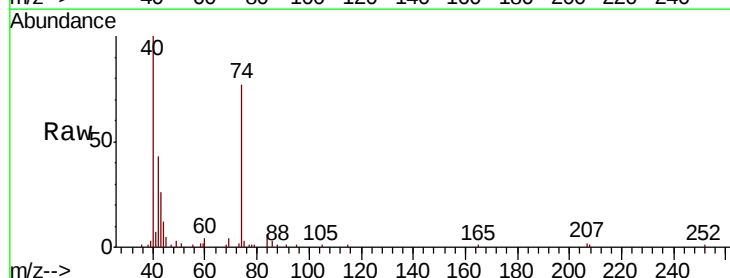
Tgt Ion: 42 Resp: 45747

Ion Ratio Lower Upper

42 100

74 179.7 161.1 241.7

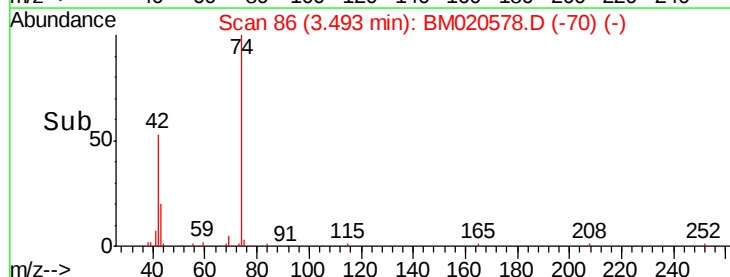
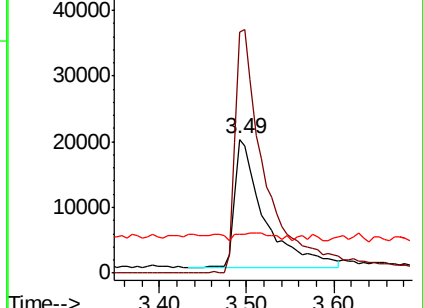
44 28.6 20.9 31.3

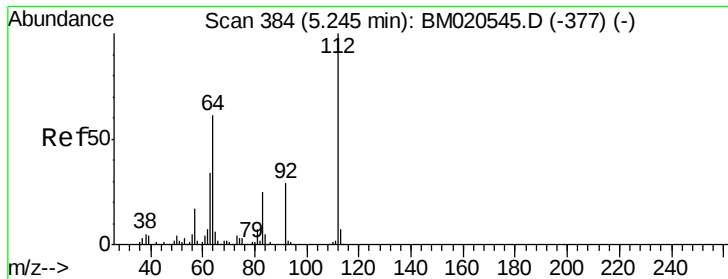


Abundance Ion 42.00 (41.70 to 42.70): BM020578.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM020578.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM020578.D (-83) (-)





#5

2-Fluorophenol

Concen: 141.630 ng

RT: 5.24 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

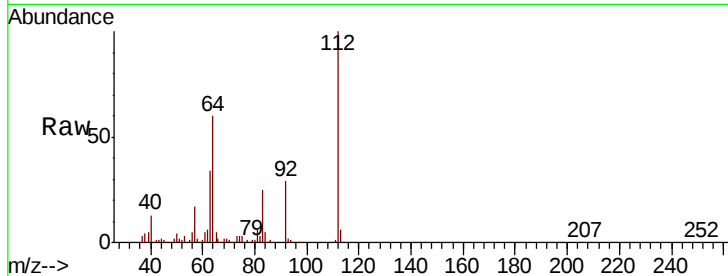
Tot Ion:112 Resp: 400896

Ion Ratio Lower Upper

112 100

64 59.6 48.6 73.0

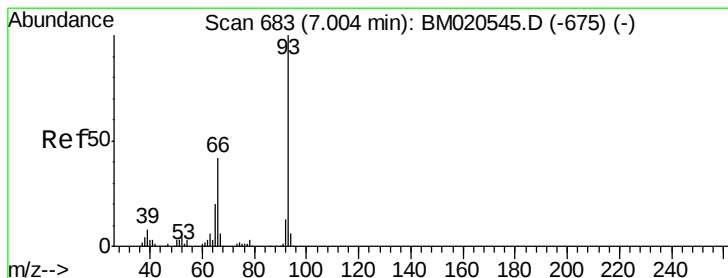
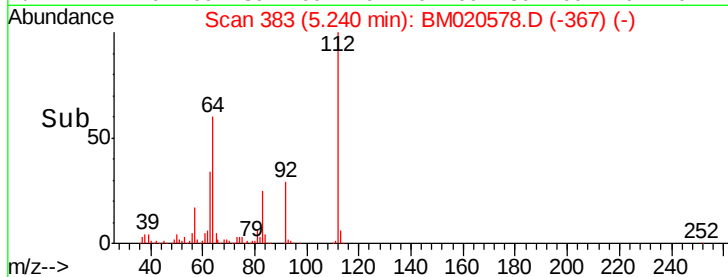
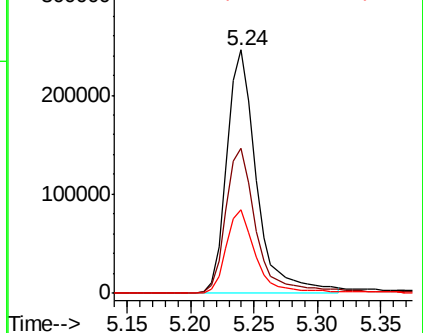
63 34.2 27.4 41.0



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: 8.530 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

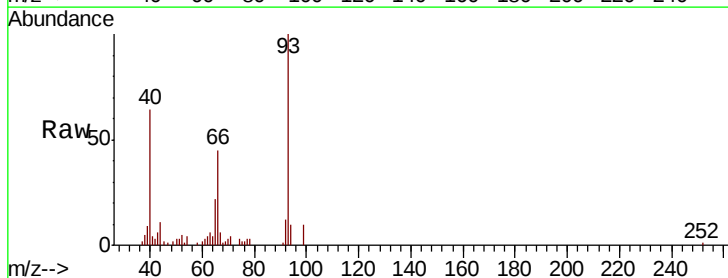
Tgt Ion: 93 Resp: 52716

Ion Ratio Lower Upper

93 100

66 44.7 34.5 51.7

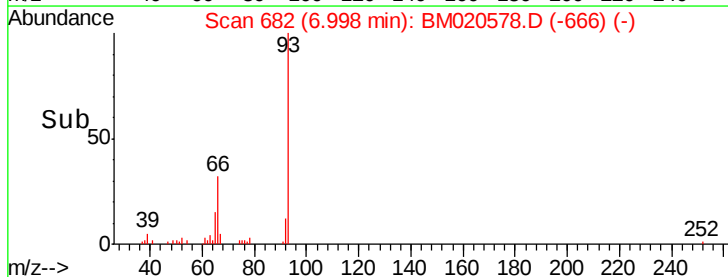
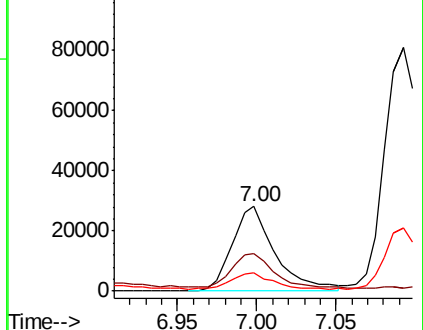
65 21.9 16.2 24.2

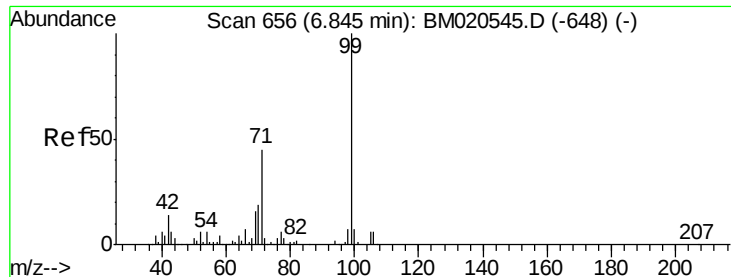


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 111.300 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

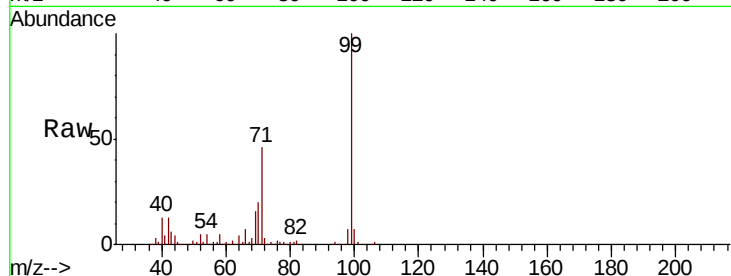
Tot Ion: 99 Resp: 475510

Ion Ratio Lower Upper

99 100

42 13.4 10.8 16.2

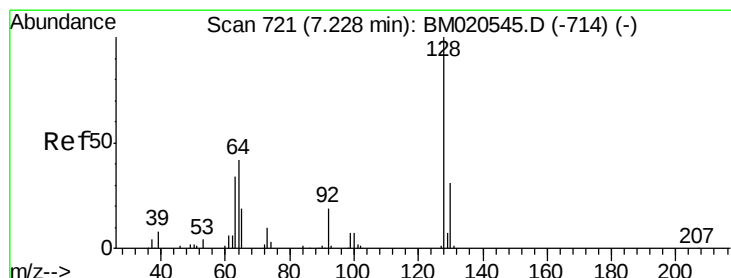
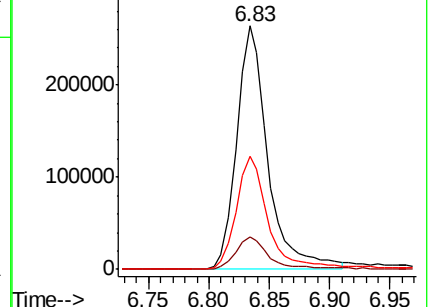
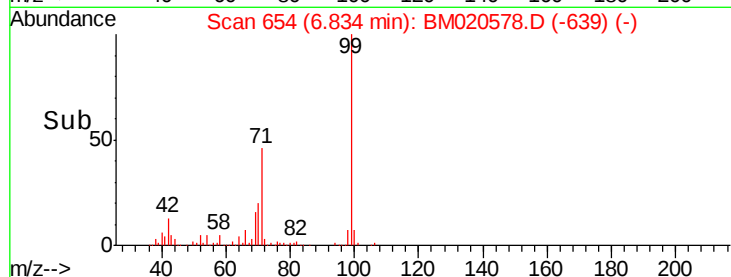
71 46.5 36.3 54.5



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: 41.017 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

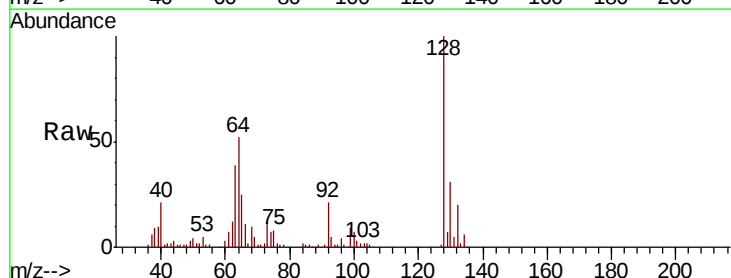
Tgt Ion: 128 Resp: 141969

Ion Ratio Lower Upper

128 100

130 31.0 11.2 51.2

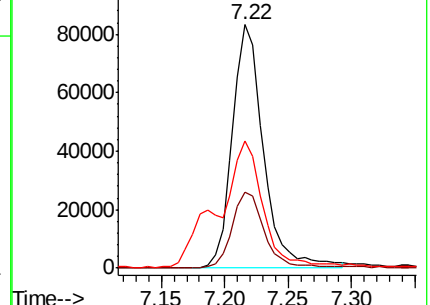
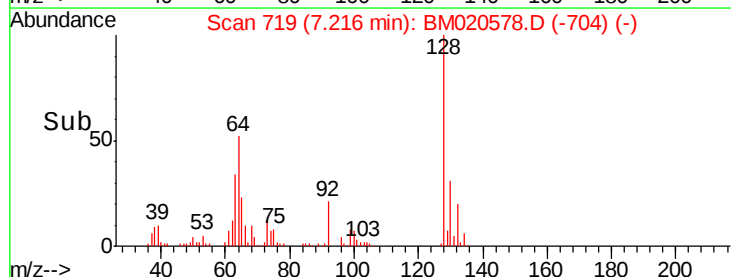
64 52.2 31.1 71.1

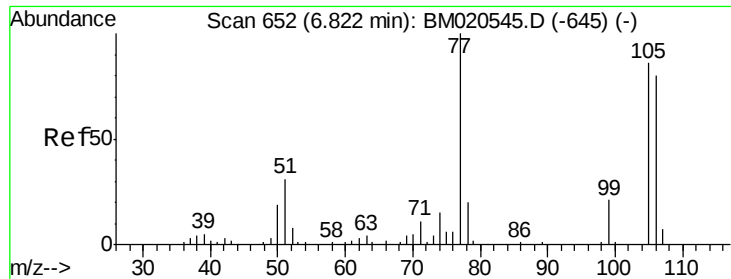


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

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

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

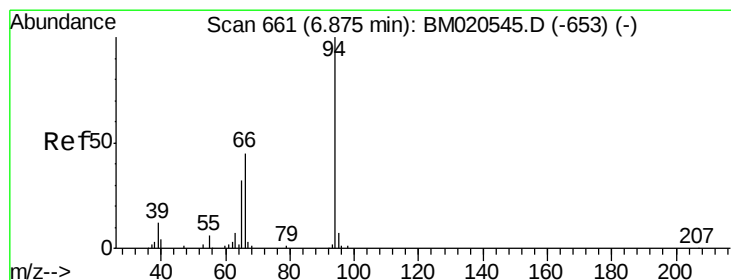
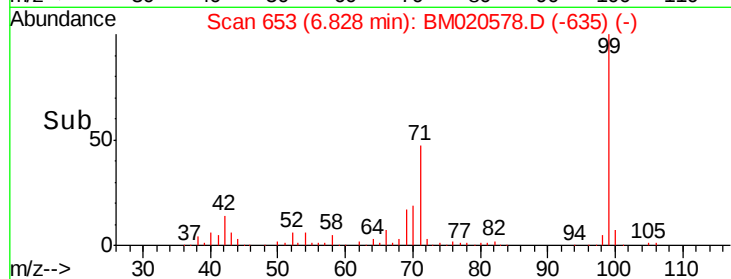
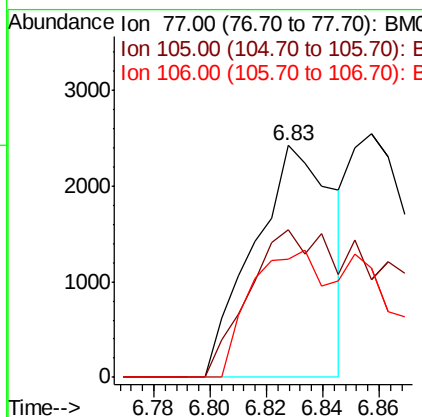
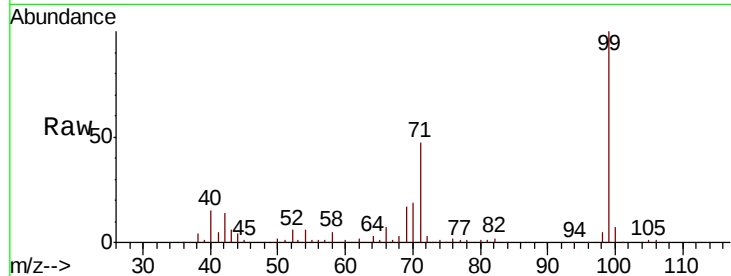




#9
Benzaldehyde
Concen: 1.731 ng
RT: 6.83 min Scan# 653
Delta R.T. 0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

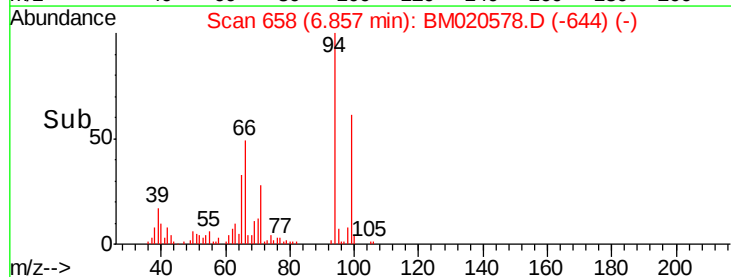
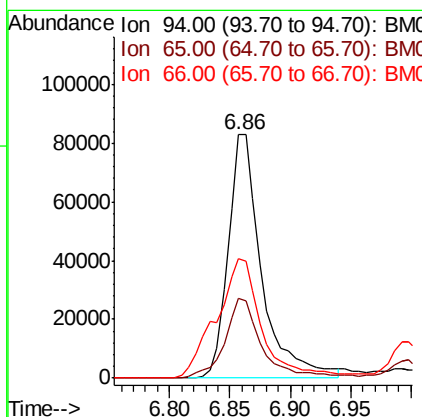
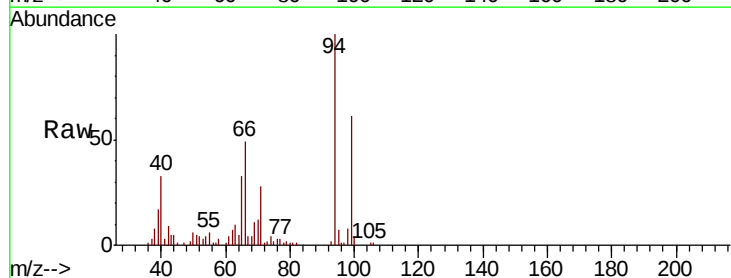
Instrument :
BNA_M
ClientSampleID :

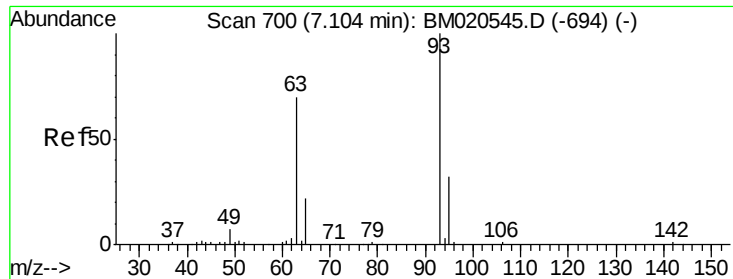
Tot Ion: 77 Resp: 4722
Ion Ratio Lower Upper
77 100
105 63.5 66.1 106.1#
106 51.0 60.0 100.0#



#10
Phenol
Concen: 34.788 ng
RT: 6.86 min Scan# 658
Delta R.T. -0.02 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion: 94 Resp: 160492
Ion Ratio Lower Upper
94 100
65 33.0 12.4 52.4
66 49.1 27.4 67.4

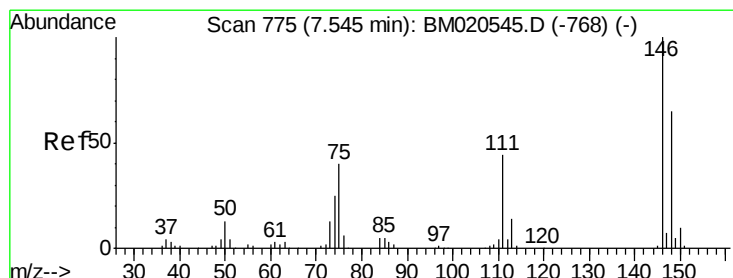
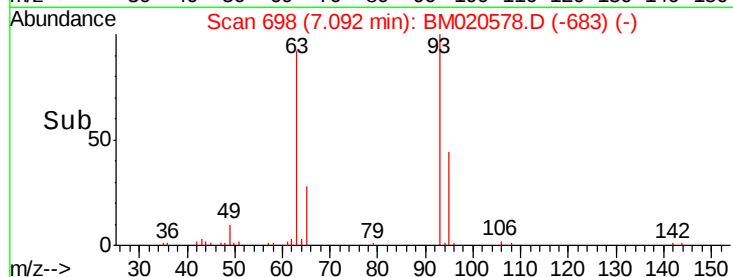
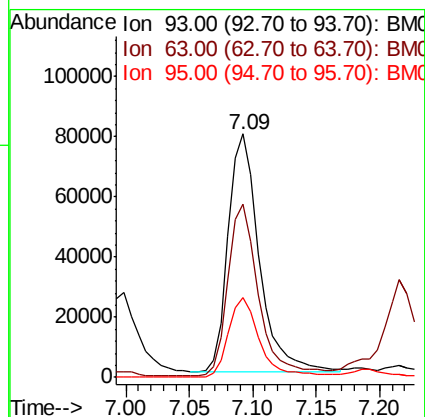
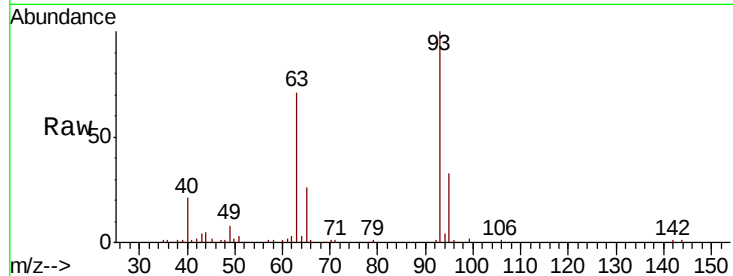




#11
bis(2-Chloroethyl)ether
Concen: 39.090 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

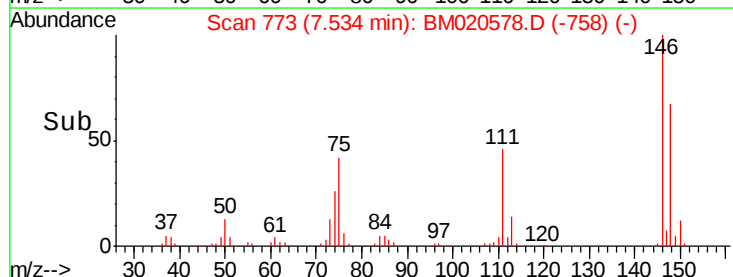
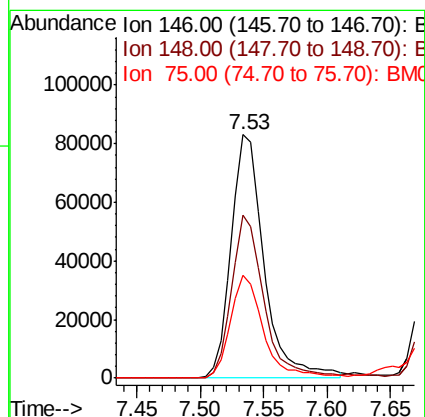
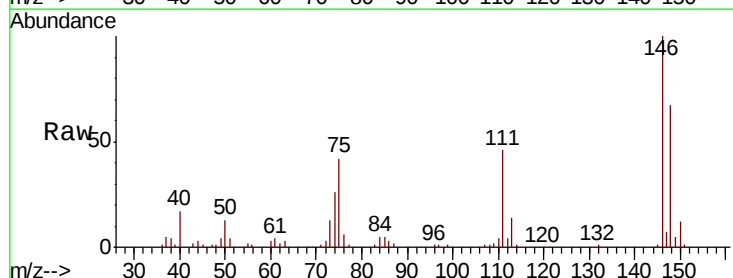
Instrument :
BNA_M
ClientSampled :

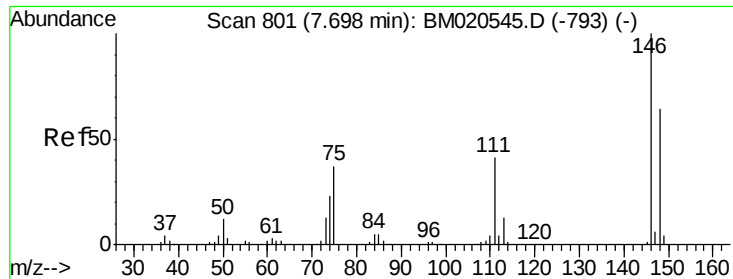
Tot Ion: 93 Resp: 134579
Ion Ratio Lower Upper
93 100
63 70.9 47.6 87.6
95 32.8 10.9 50.9



#12
1,3-Dichlorobenzene
Concen: 33.785 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion: 146 Resp: 149760
Ion Ratio Lower Upper
146 100
148 66.9 51.9 77.9
75 42.1 31.6 47.4

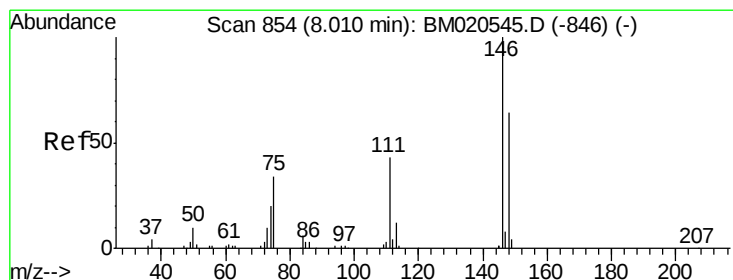
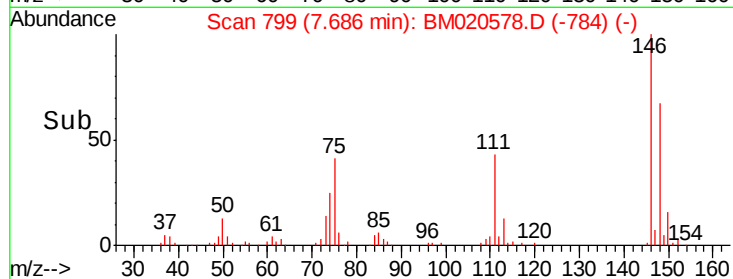
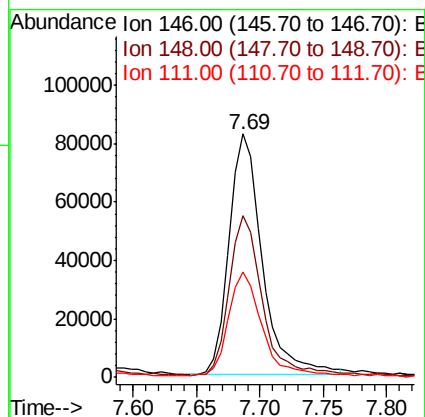
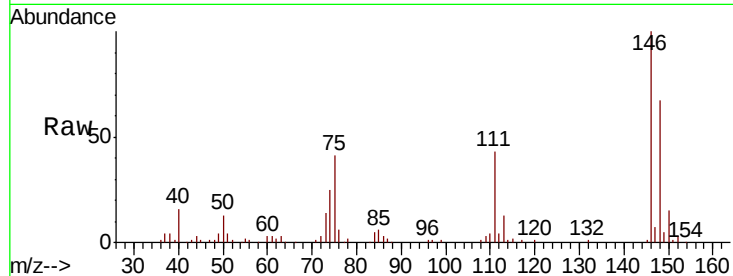




#13
 1,4-Dichlorobenzene
 Concen: 33.906 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

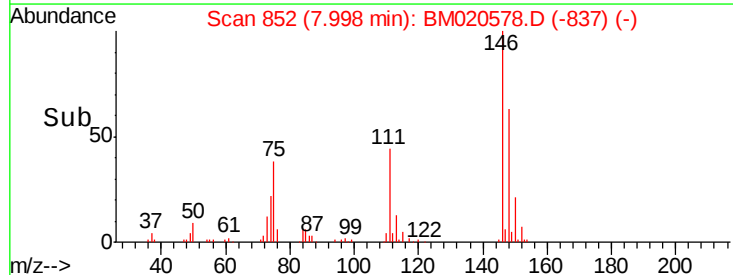
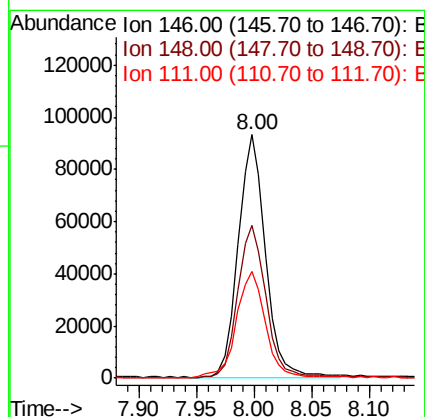
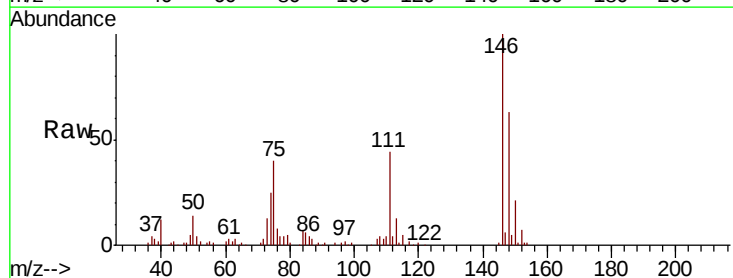
Instrument :
 BNA_M
 ClientSampled :

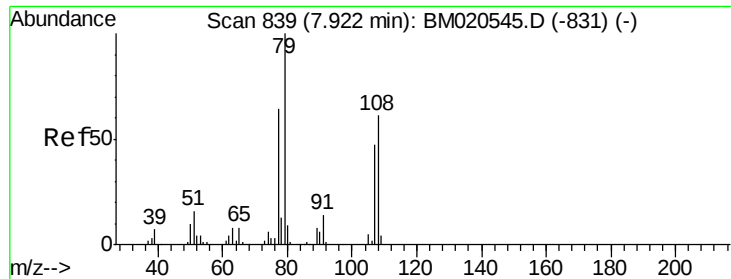
Tot Ion:146 Resp: 150228
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.1 76.7
 111 43.0 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 34.740 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion:146 Resp: 154313
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.2 76.8
 111 43.9 35.2 52.8





#15

Benzyl Alcohol

Concen: 32.068 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

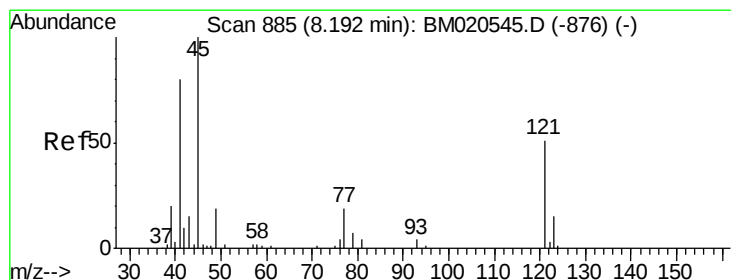
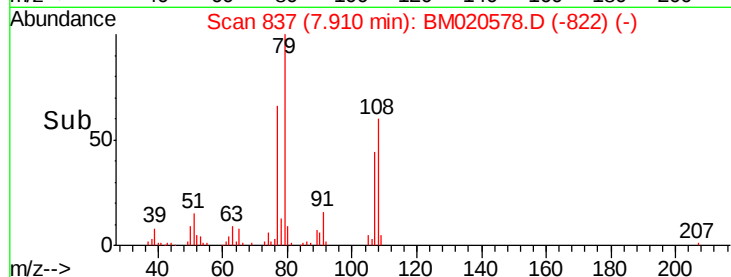
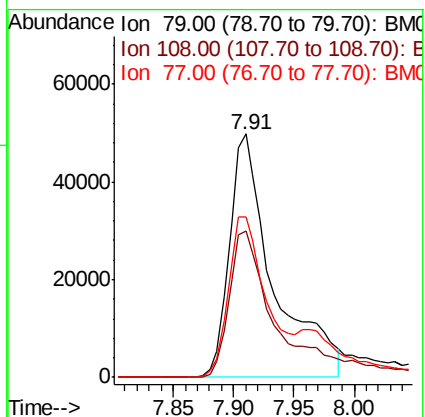
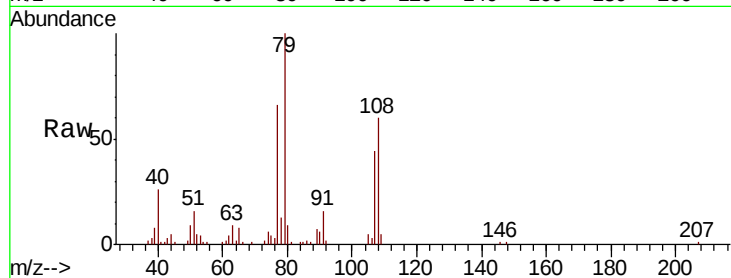
Tot Ion: 79 Resp: 126778

Ion Ratio Lower Upper

79 100

108 60.2 48.5 72.7

77 65.9 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.306 ng

RT: 8.17 min Scan# 881

Delta R.T. -0.02 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

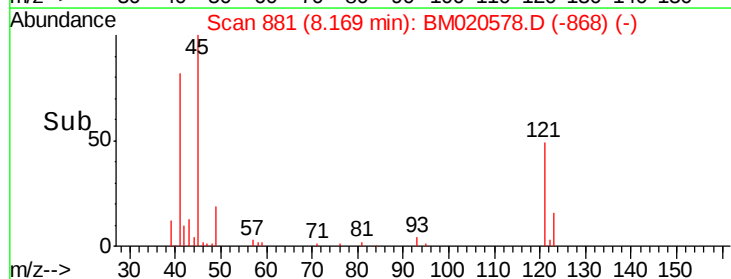
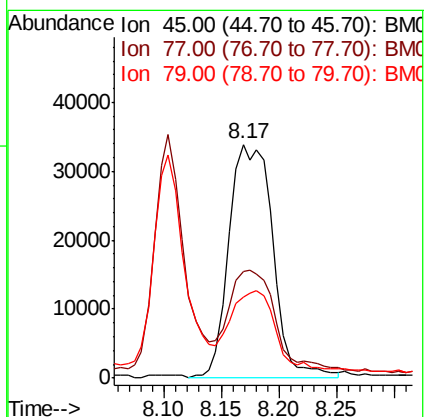
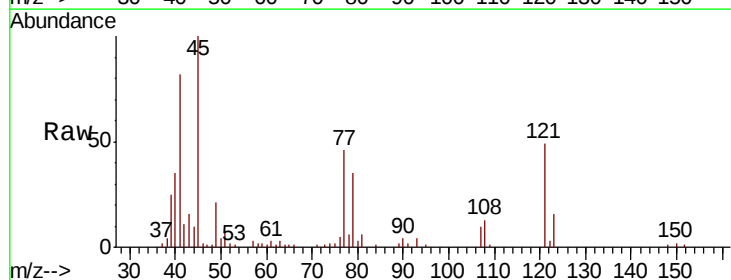
Tgt Ion: 45 Resp: 89518

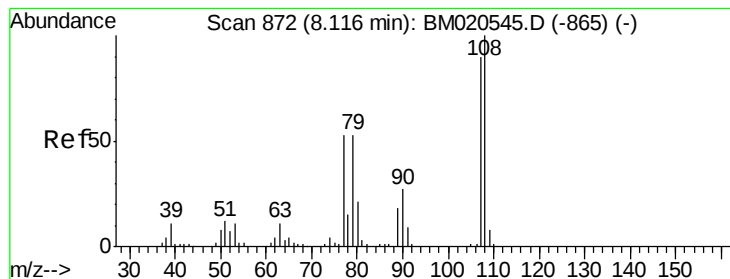
Ion Ratio Lower Upper

45 100

77 45.6 25.0 65.0

79 34.8 13.1 53.1





#17

2-Methylphenol

Concen: 34.087 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 103822

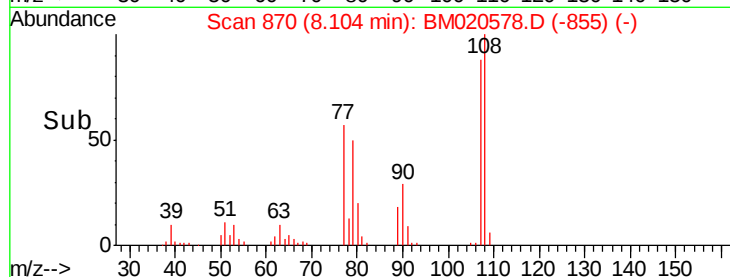
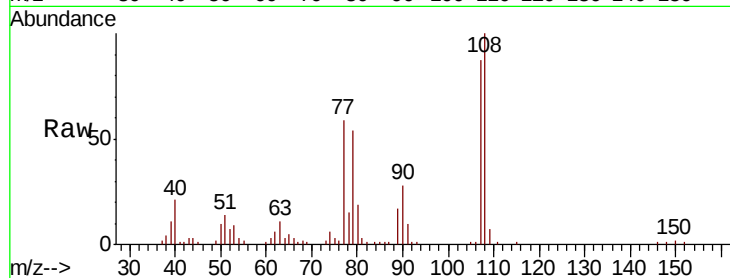
Ion Ratio Lower Upper

107 100

108 114.5 89.4 134.2

77 67.6 48.2 72.4

79 61.8 48.4 72.6

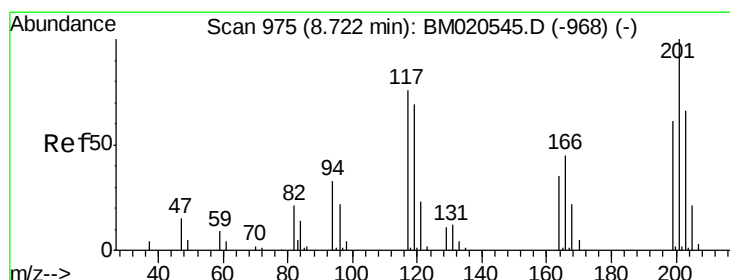
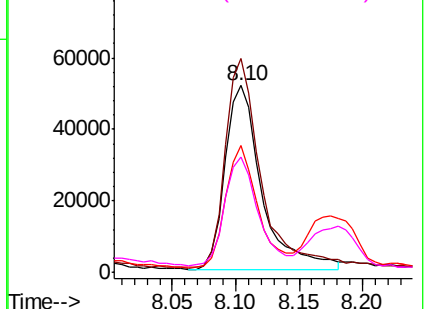


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.269 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

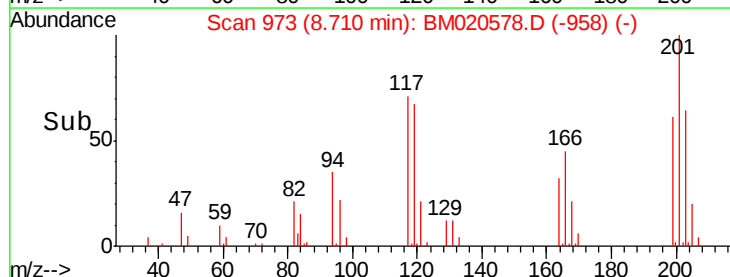
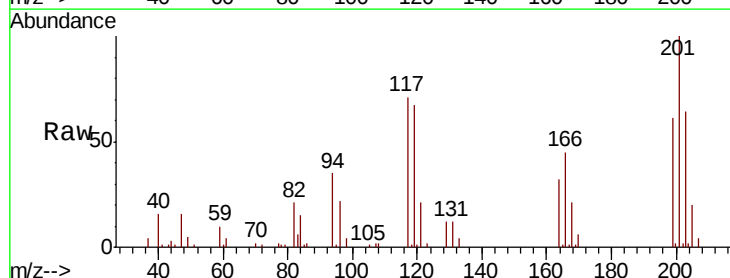
Tgt Ion:117 Resp: 61507

Ion Ratio Lower Upper

117 100

119 94.0 73.2 109.8

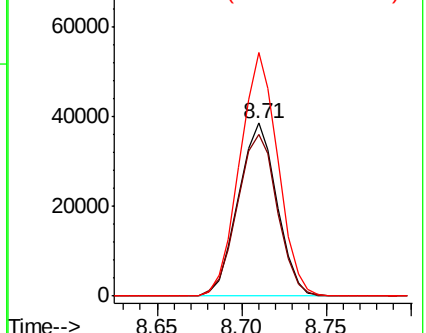
201 141.0 105.8 158.8

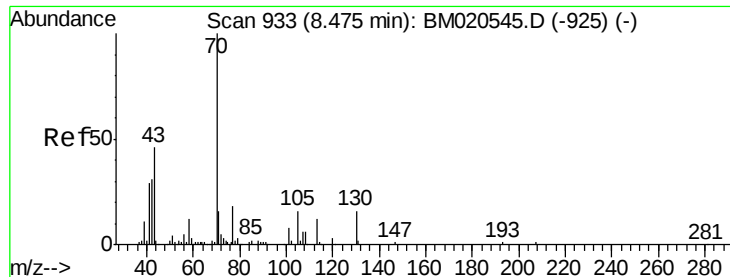


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

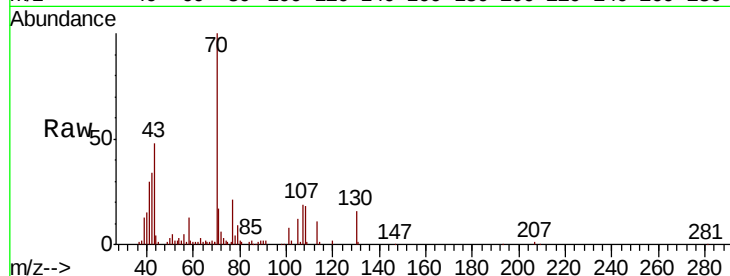




#19
n-Nitroso-di-n-propylamine
Concen: 33.937 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	128744
Ion	Ratio	Lower	Upper
70	100		
42	34.1	24.7	37.1
101	8.4	6.8	10.2
130	16.3	13.1	19.7



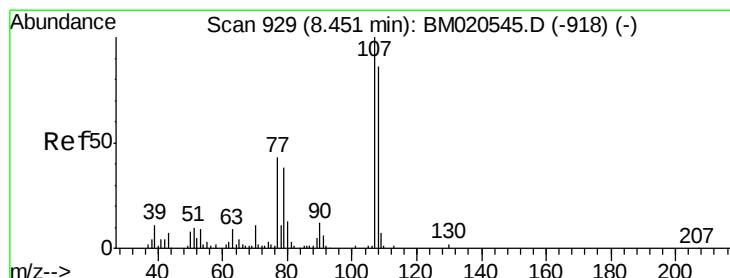
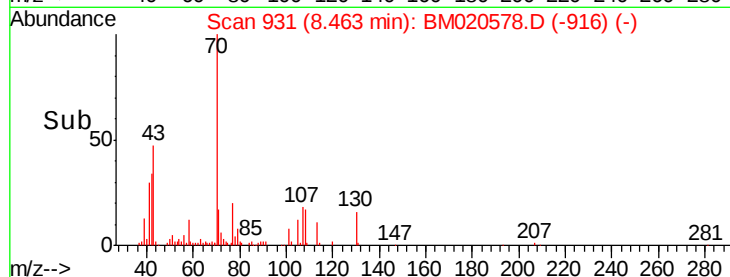
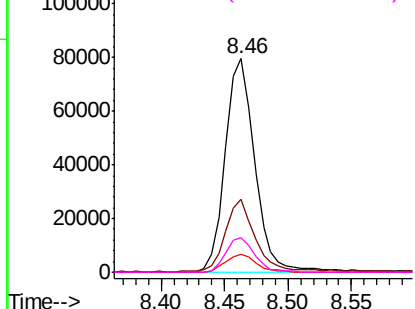
Abundance

Ion 70.00 (69.70 to 70.70): BM020578.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM020578.D (-916) (-)

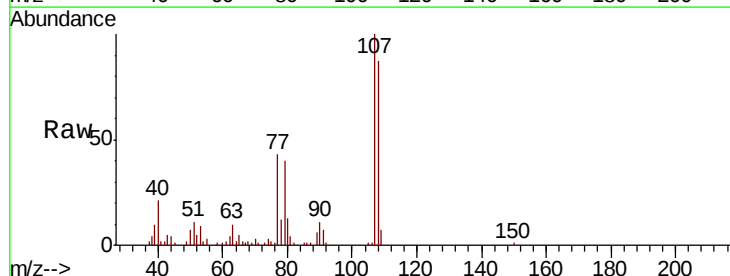
Ion 101.00 (100.70 to 101.70): BM020578.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM020578.D (-916) (-)



#20
3+4-Methylphenols
Concen: 30.871 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:	107	Resp:	126096
Ion	Ratio	Lower	Upper
107	100		
108	86.5	66.5	106.5
77	43.3	23.0	63.0
79	40.1	18.2	58.2



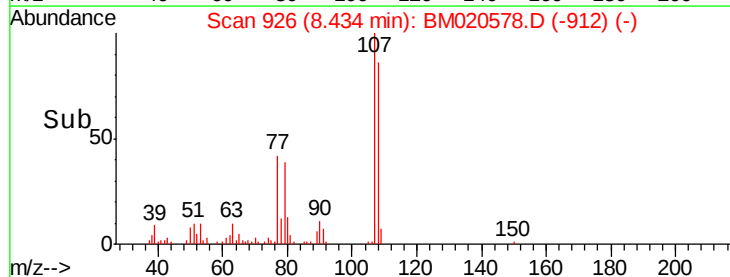
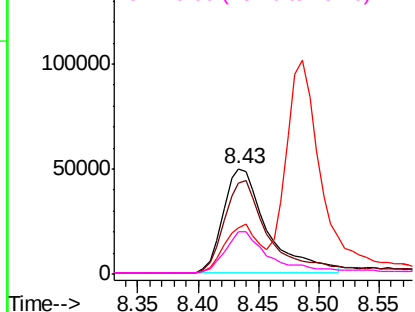
Abundance

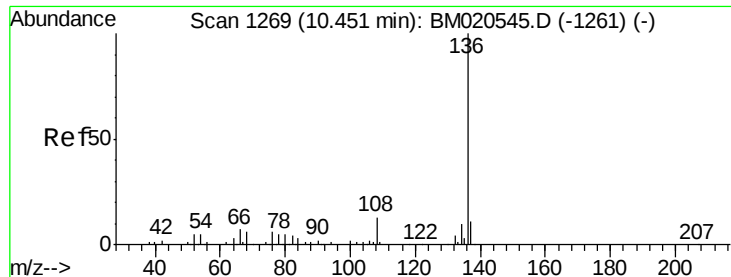
Ion 107.00 (106.70 to 107.70): BM020578.D (-912) (-)

Ion 108.00 (107.70 to 108.70): BM020578.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM020578.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM020578.D (-912) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 180463

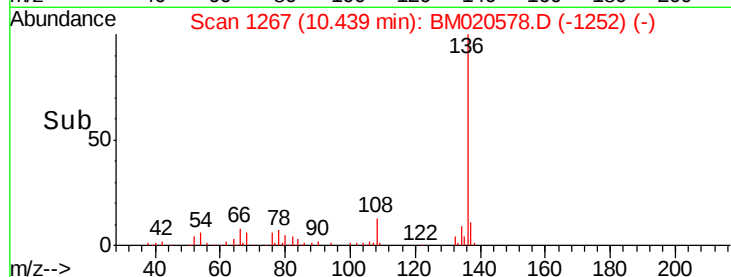
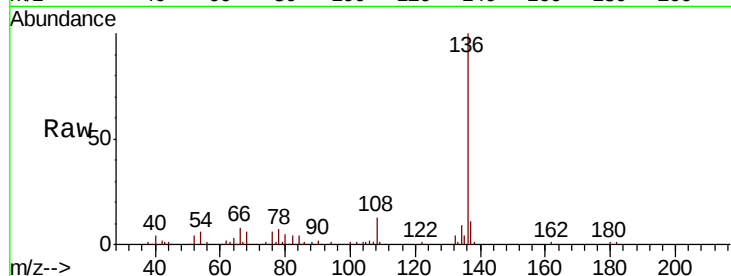
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 6.1 4.2 6.4

68 6.4 4.6 7.0

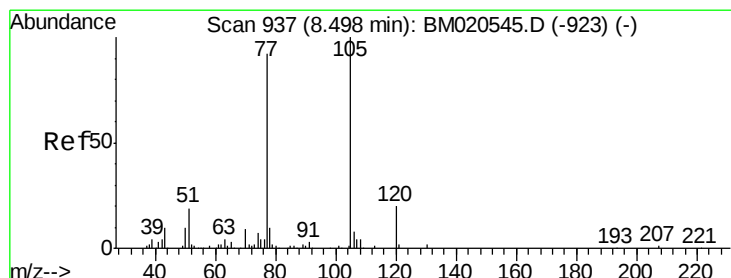
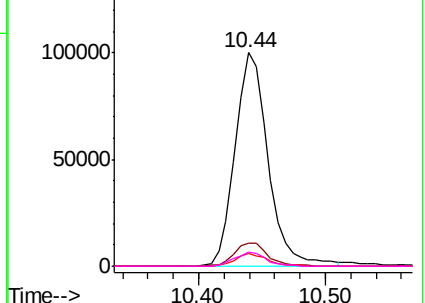


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.565 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Tgt Ion:105 Resp: 216494

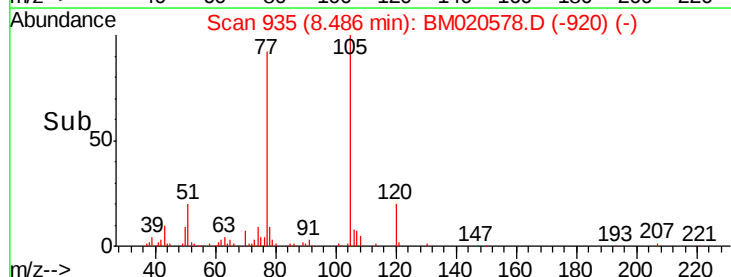
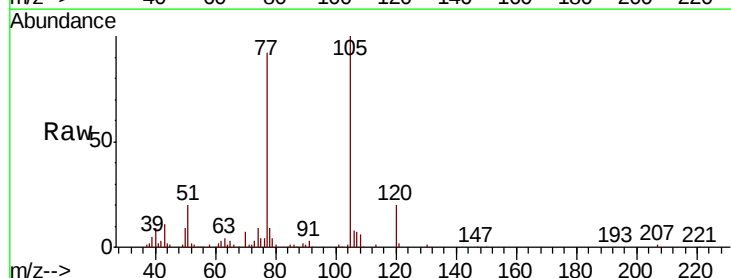
Ion Ratio Lower Upper

105 100

71 1.2 1.3 1.9#

51 19.6 15.7 23.5

120 19.6 16.3 24.5

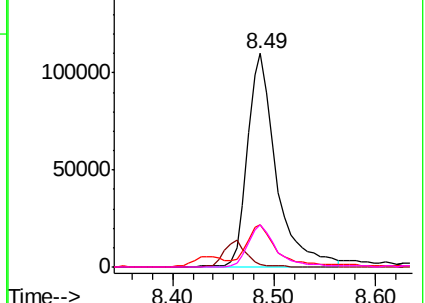


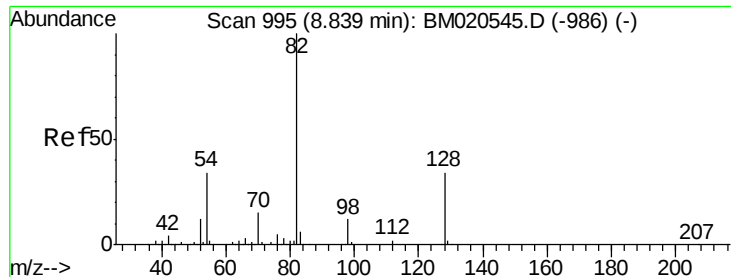
Abundance Ion 105.00 (104.70 to 105.70): E

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

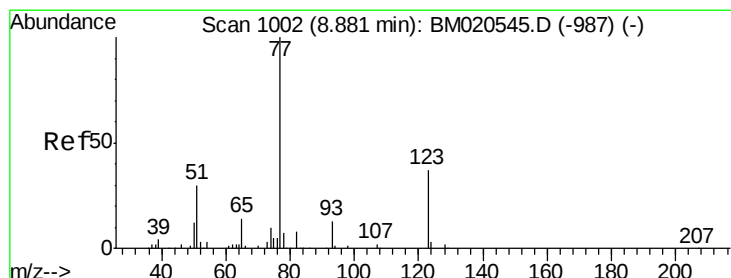
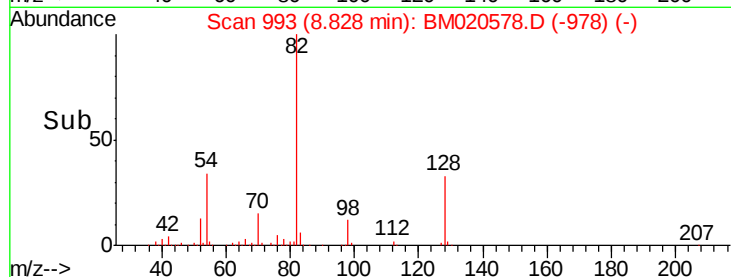
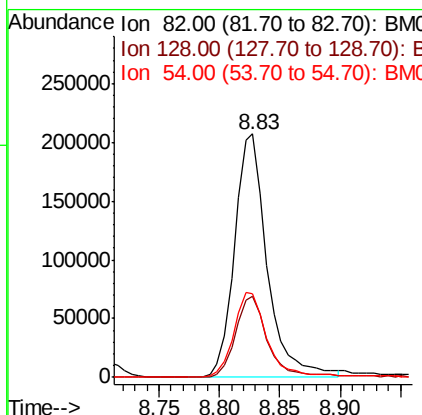
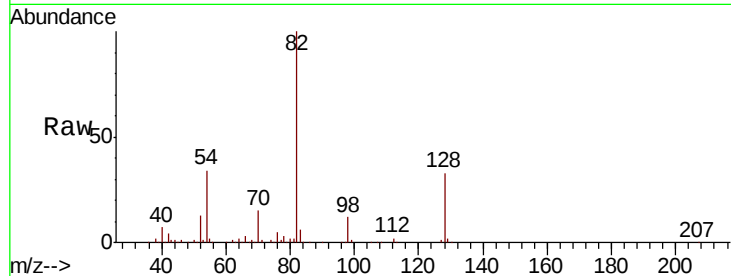




#23
 Nitrobenzene-d5
 Concen: 91.215 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

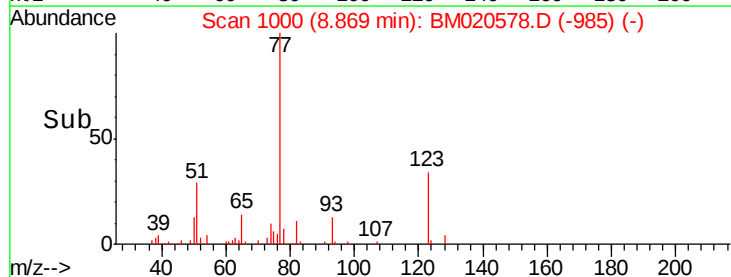
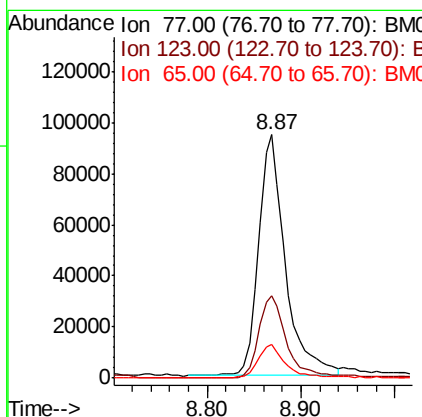
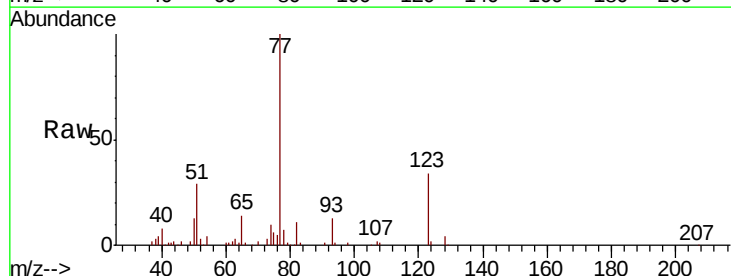
Instrument :
 BNA_M
 ClientSampled :

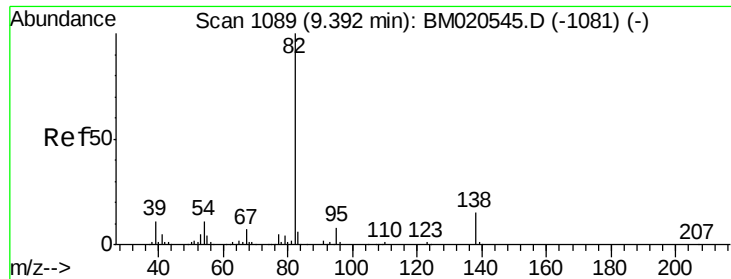
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	27.0	40.4
54	34.2	27.4	41.2



#24
 Nitrobenzene
 Concen: 43.815 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	29.4	44.2
65	13.8	10.8	16.2





#25

Isophorone

Concen: 42.850 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

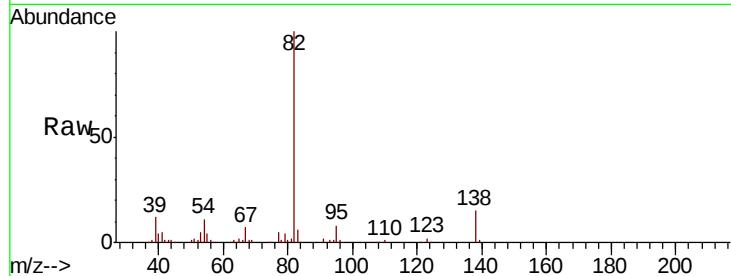
Tot Ion: 82 Resp: 342808

Ion Ratio Lower Upper

82 100

95 7.6 6.7 10.1

138 14.8 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM020545.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM020545.D (-1081) (-)

9.38

250000

200000

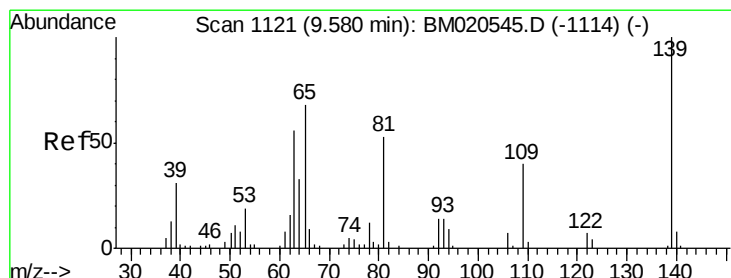
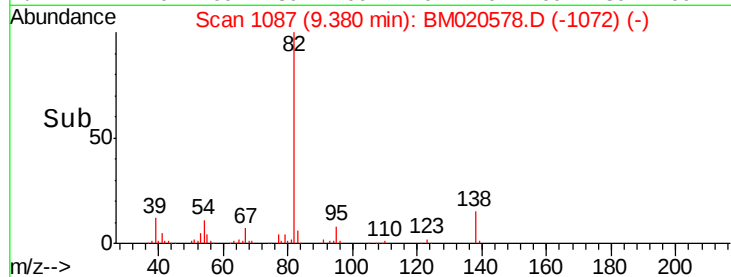
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 40.621 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

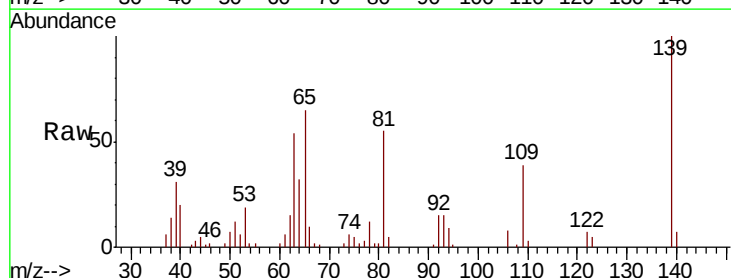
Tgt Ion: 139 Resp: 63643

Ion Ratio Lower Upper

139 100

109 39.4 32.3 48.5

65 65.4 54.4 81.6



Abundance Ion 139.00 (138.70 to 139.70): BM020545.D (-1114) (-)

Ion 109.00 (108.70 to 109.70): BM020545.D (-1114) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-1114) (-)

9.57

40000

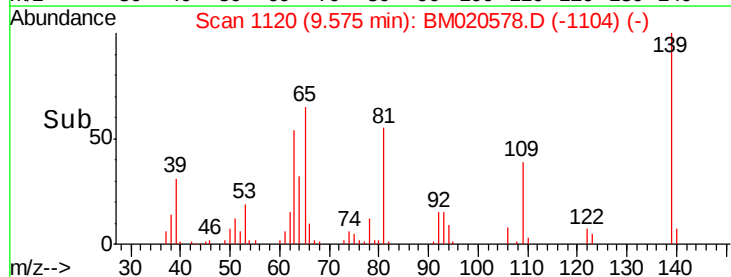
30000

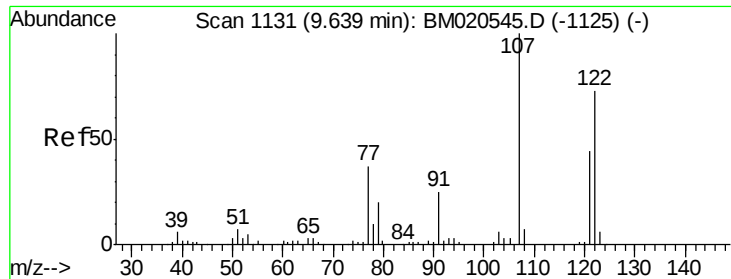
20000

10000

0

Time-->

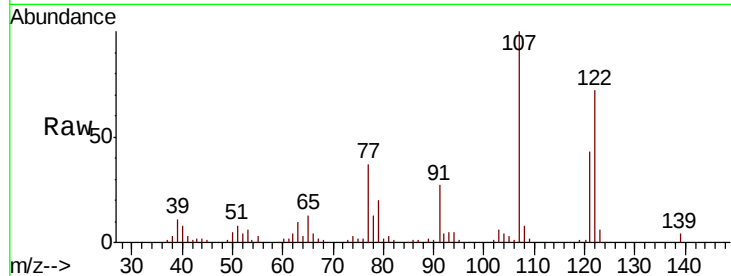




#27
 2,4-Dimethylphenol
 Concen: 44.554 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.5	108.2	162.2
121	60.6	47.4	71.0

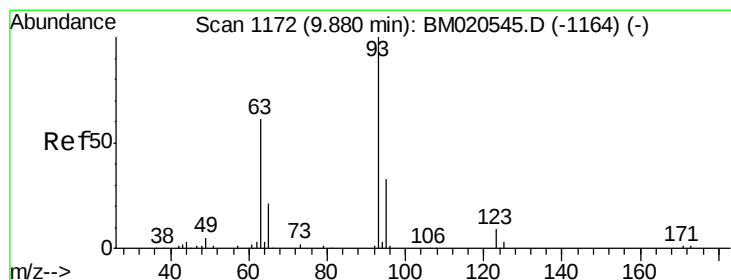
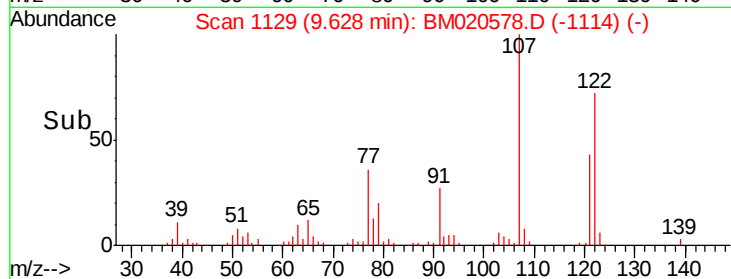
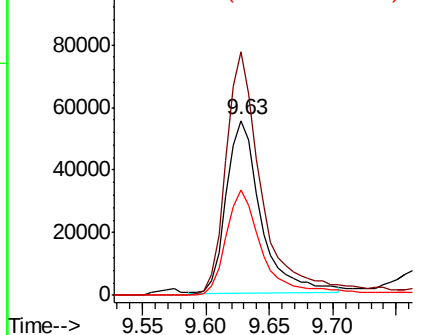


Abundance

Ion 122.00 (121.70 to 122.70): E

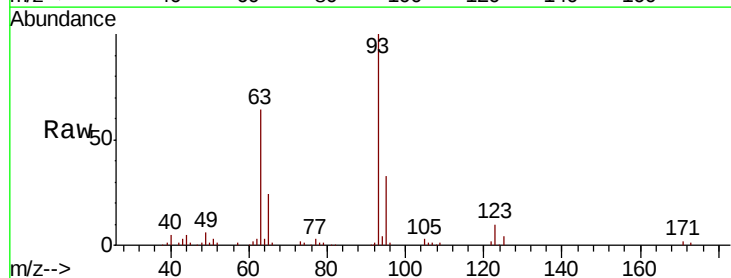
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.515 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	9.9	8.1	12.1

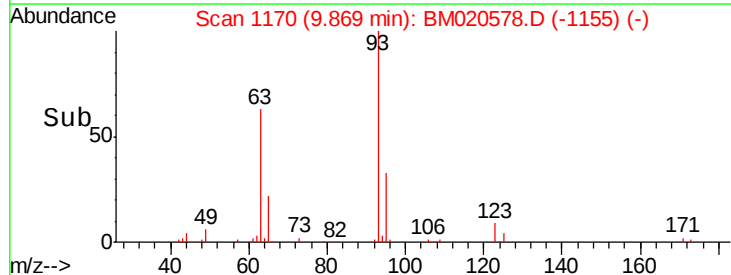
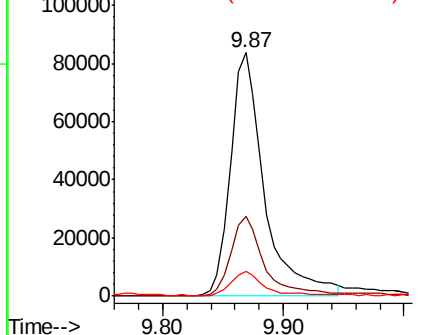


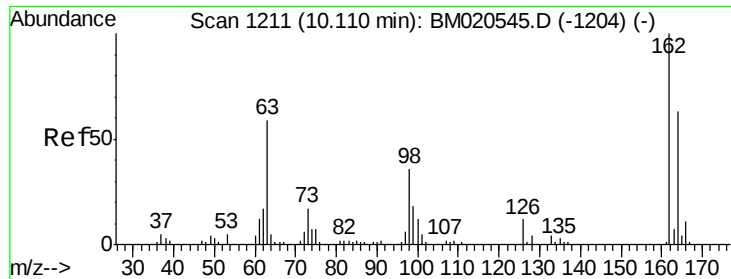
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

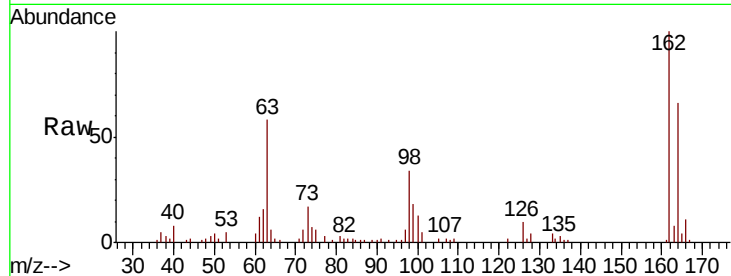




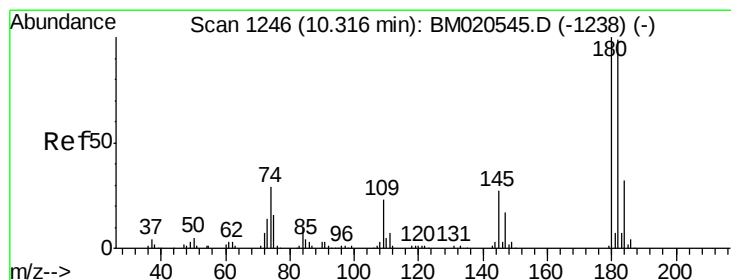
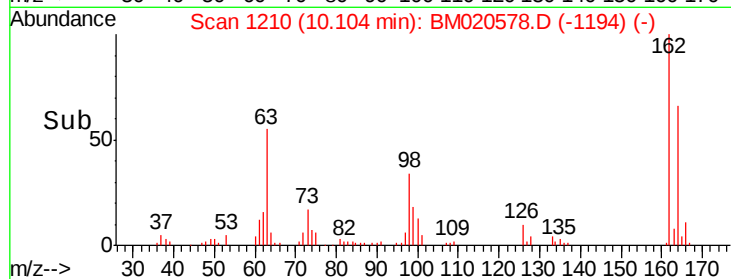
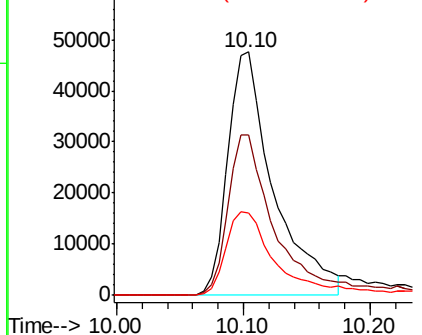
#29
 2,4-Dichlorophenol
 Concen: 38.434 ng
 RT: 10.10 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.1	83.1
98	33.7	16.2	56.2

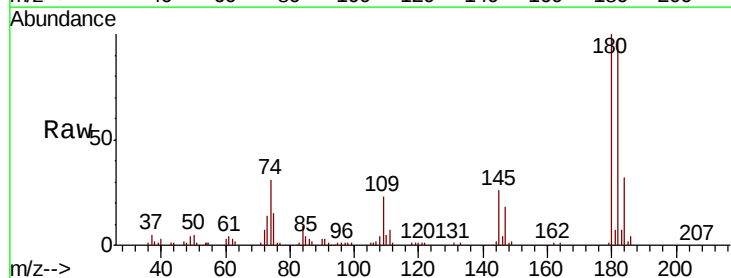


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

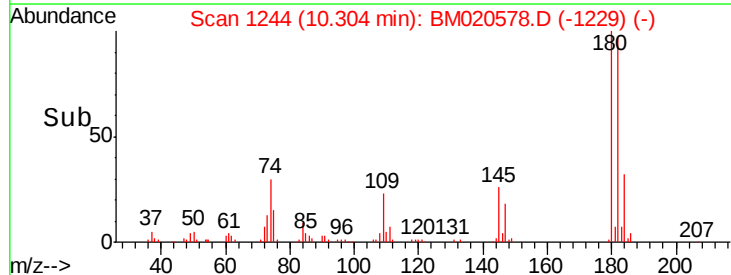
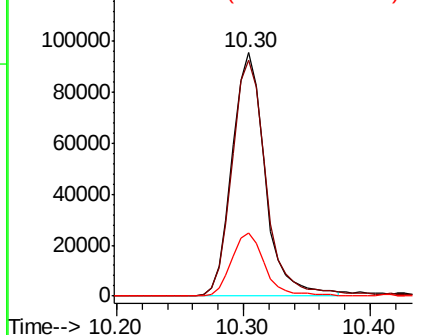


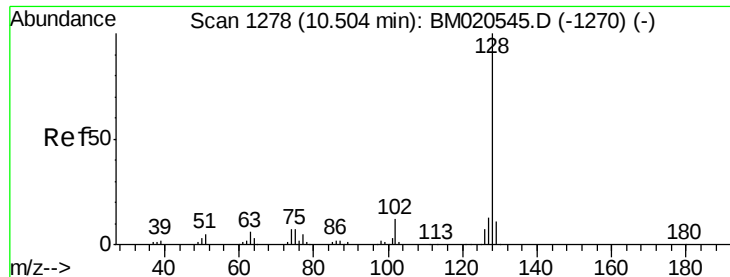
#30
 1,2,4-Trichlorobenzene
 Concen: 40.715 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.8	118.2
145	25.9	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

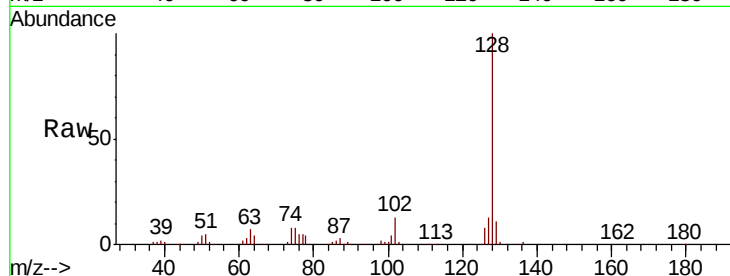




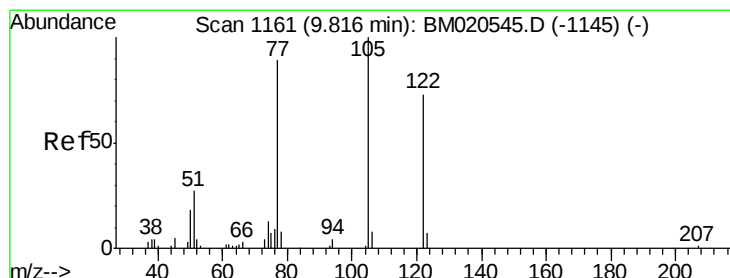
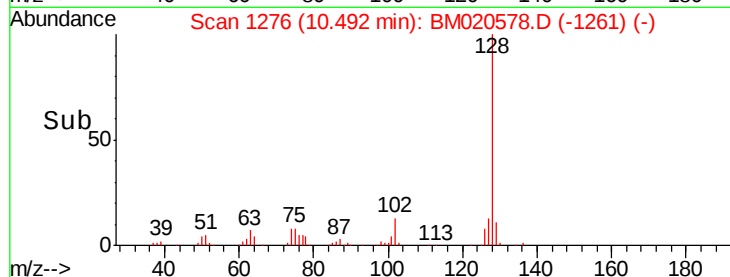
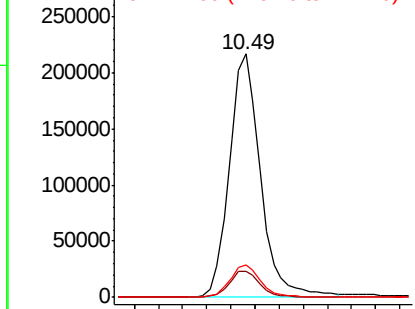
#31
Naphthalene
Concen: 41.919 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampled :

Tot Ion:128	Resp:	390599
Ion Ratio	Lower	Upper
128	100	
129	10.8	9.0 13.6
127	13.2	10.4 15.6

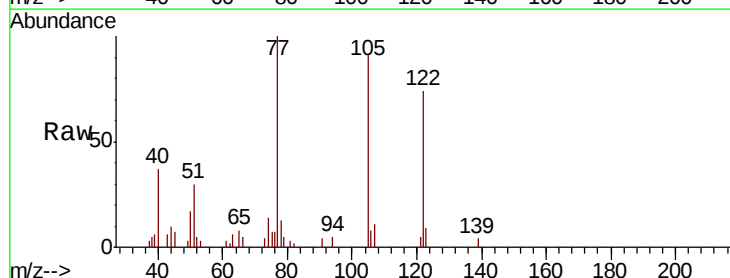


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

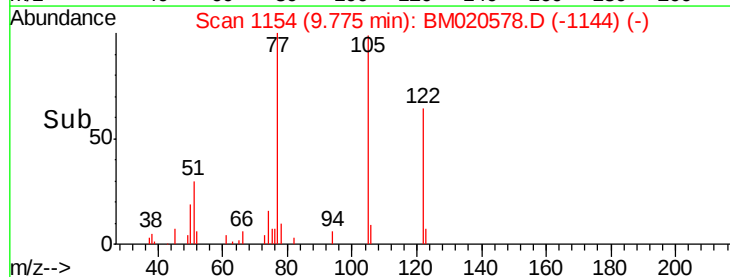
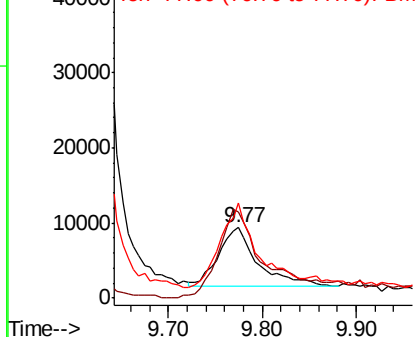


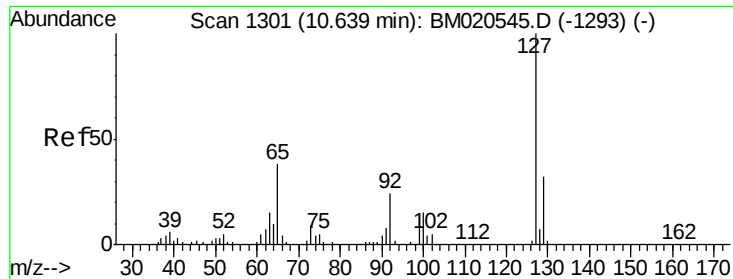
#32
Benzoic acid
Concen: 21.924 ng
RT: 9.77 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:122	Resp:	23376
Ion Ratio	Lower	Upper
122	100	
105	122.3	108.8 148.8
77	134.4	97.8 137.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

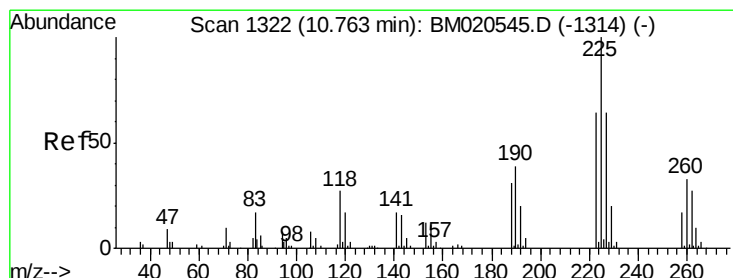
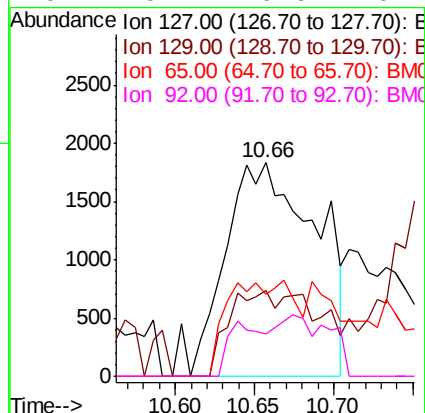
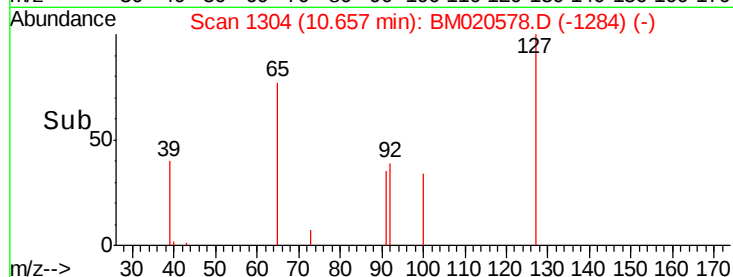
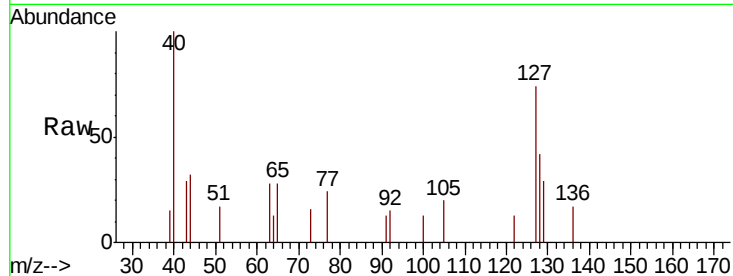




#33
4-Chloroaniline
Concen: 1.944 ng
RT: 10.66 min Scan# 1304
Delta R.T. 0.02 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

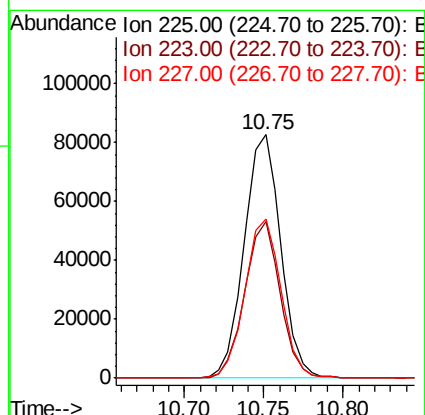
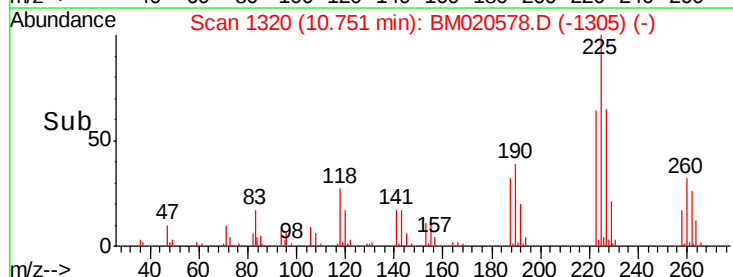
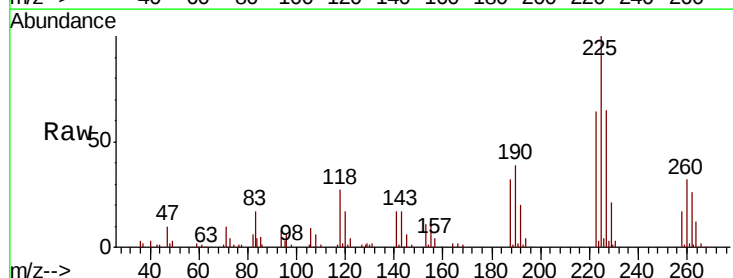
Instrument :
BNA_M
ClientSampleId :

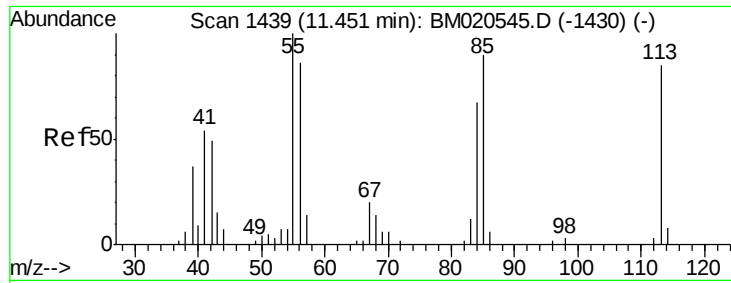
Tot Ion:	127	Resp:	7230
Ion	Ratio	Lower	Upper
127	100		
129	39.9	25.4	38.2#
65	38.7	30.6	45.8
92	19.7	19.6	29.4



#34
Hexachlorobutadiene
Concen: 41.905 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:	225	Resp:	132237
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	65.2	51.0	76.6





#35

Caprolactam

Concen: 24.384 ng

RT: 11.45 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

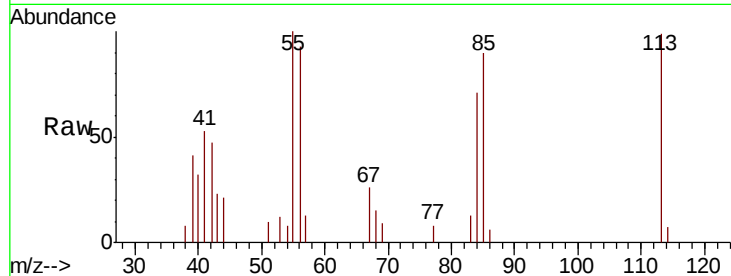
Tot Ion:113 Resp: 24912

Ion Ratio Lower Upper

113 100

55 100.9 97.6 137.6

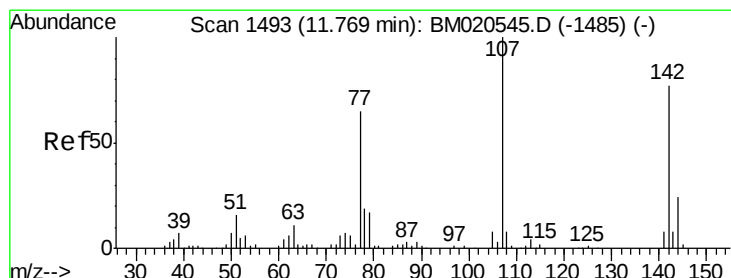
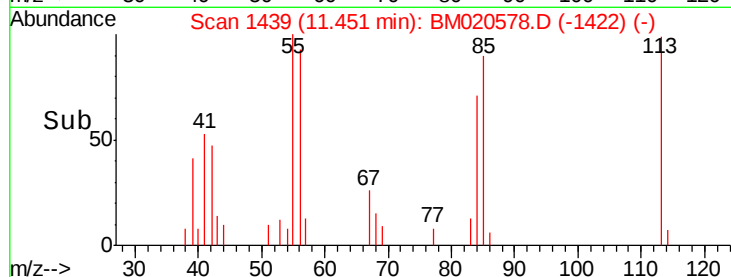
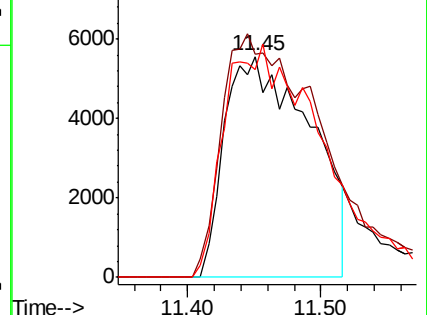
56 93.9 81.6 121.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 37.432 ng

RT: 11.75 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

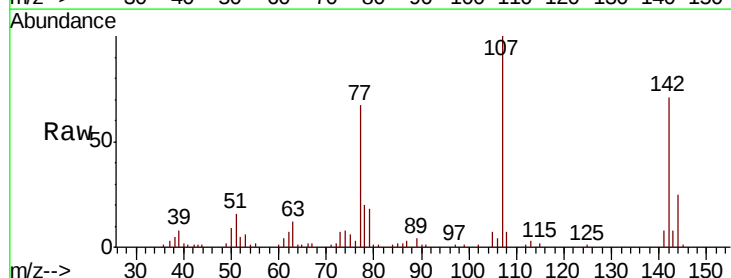
Tgt Ion:107 Resp: 126444

Ion Ratio Lower Upper

107 100

144 24.6 19.0 28.6

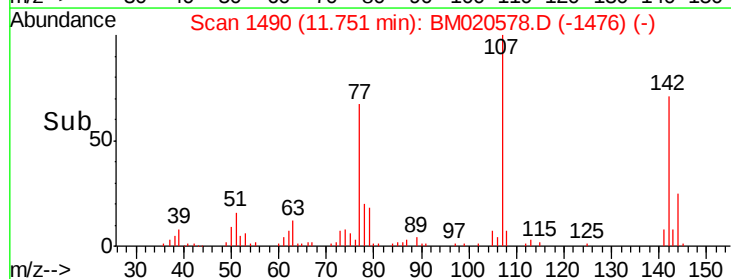
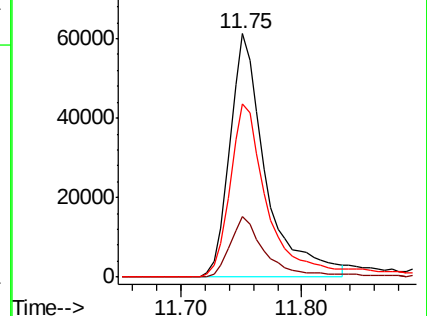
142 71.3 61.3 91.9

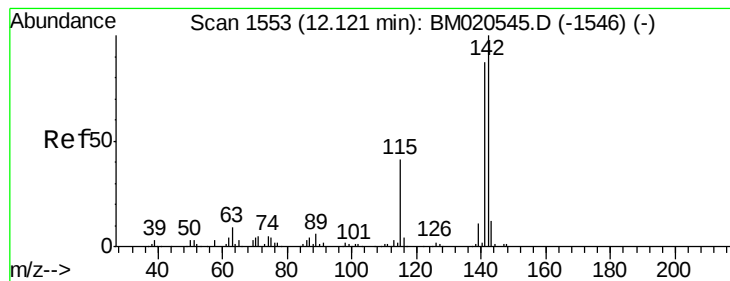


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

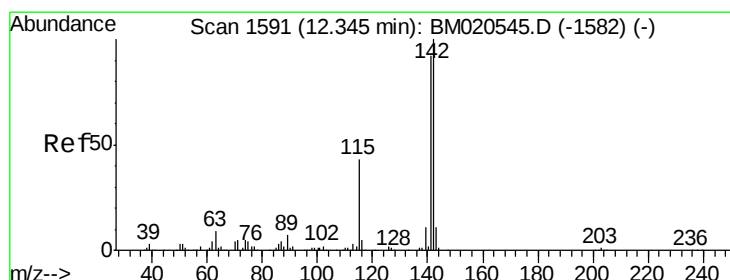
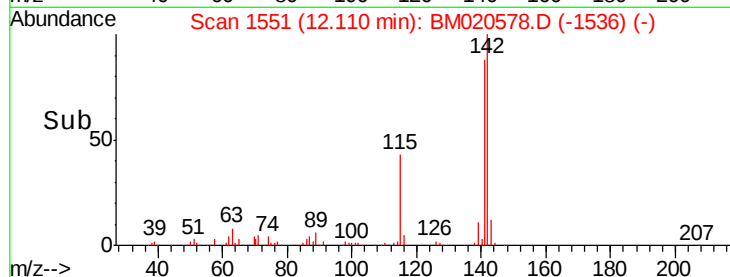
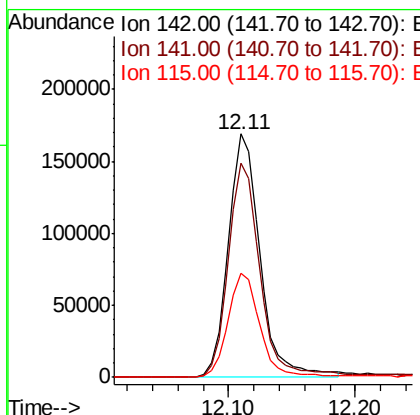
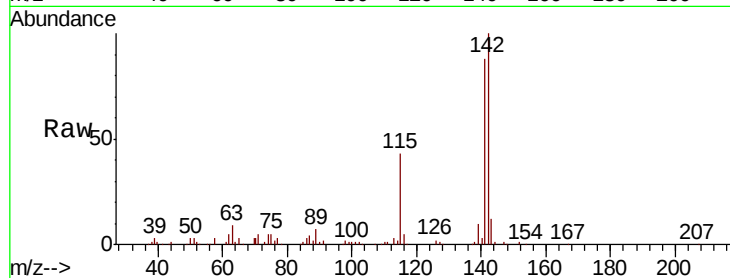




#37
 2-Methylnaphthalene
 Concen: 40.842 ng
 RT: 12.11 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

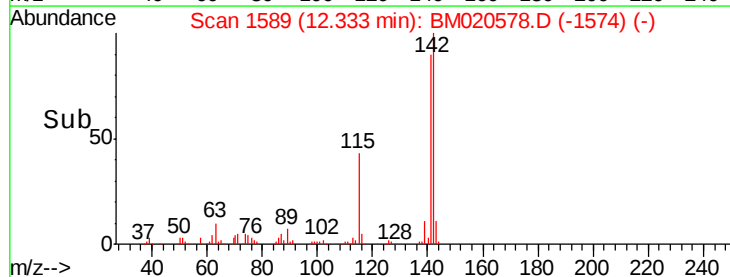
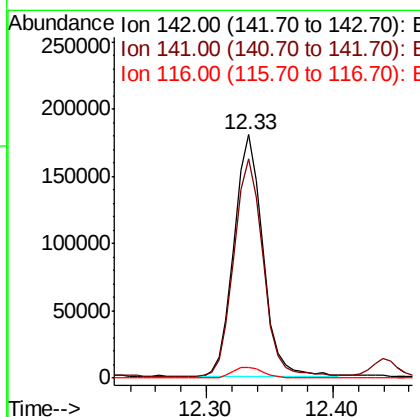
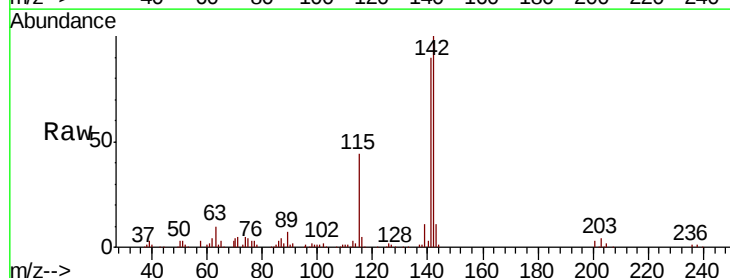
Instrument :
 BNA_M
 ClientSampleId :

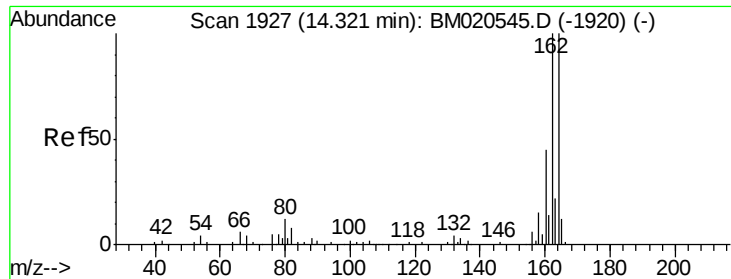
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9
115	42.5	32.9	49.3



#38
 1-Methylnaphthalene
 Concen: 41.170 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.7	110.5
116	4.6	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

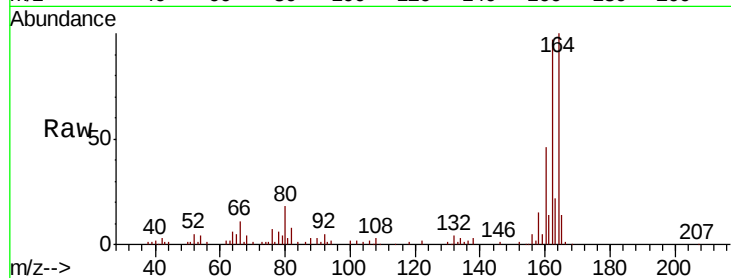
Tot Ion:164 Resp: 118442

Ion Ratio Lower Upper

164 100

162 97.1 79.8 119.8

160 45.5 35.9 53.9

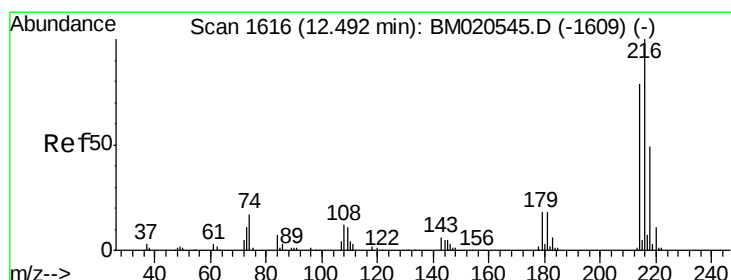
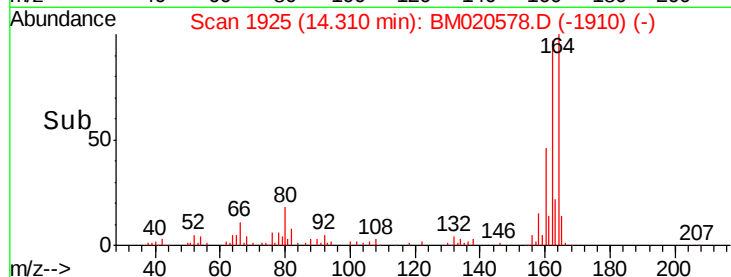
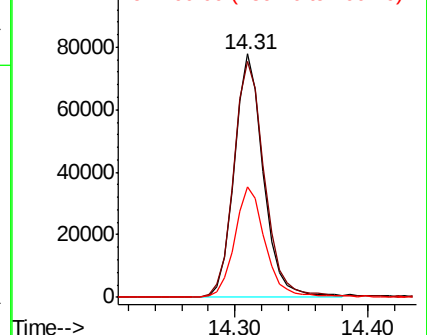


Abundance

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: 46.812 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Tgt Ion:216 Resp: 233078

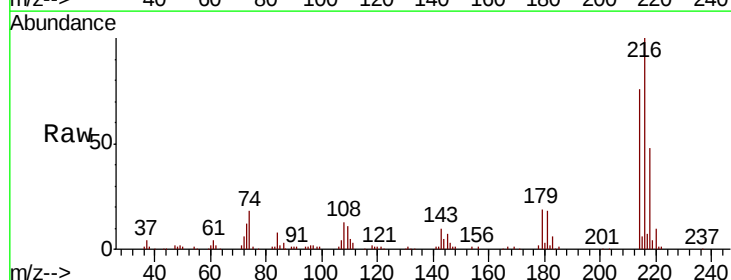
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.6

179 18.5 14.8 22.2

108 13.6 10.5 15.7



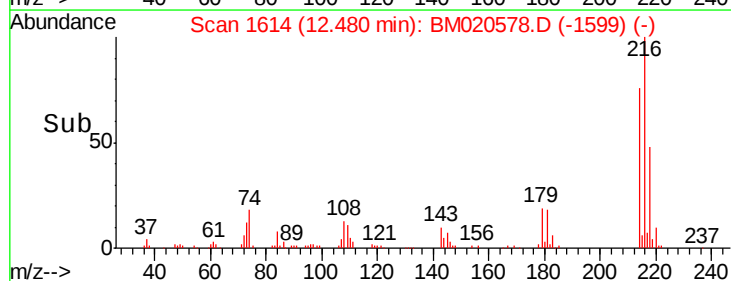
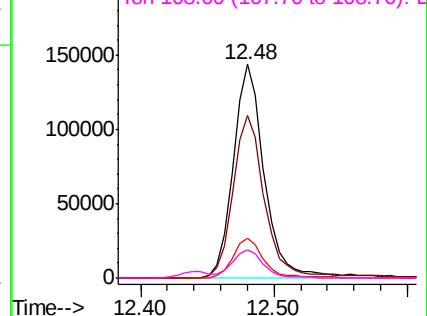
Abundance

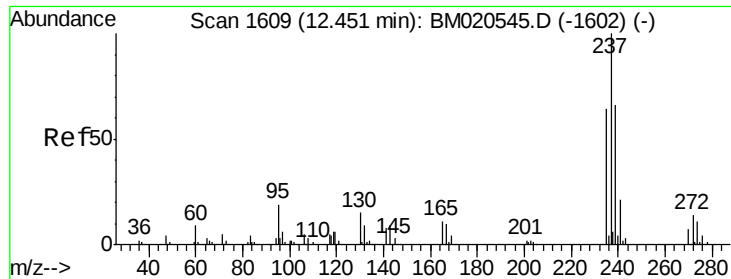
Ion 216.00 (215.70 to 216.70): E

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: 84.432 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

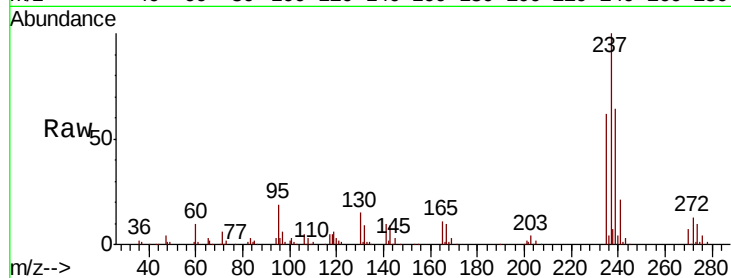
Tot Ion:237 Resp: 207350

Ion Ratio Lower Upper

237 100

235 62.2 43.5 83.5

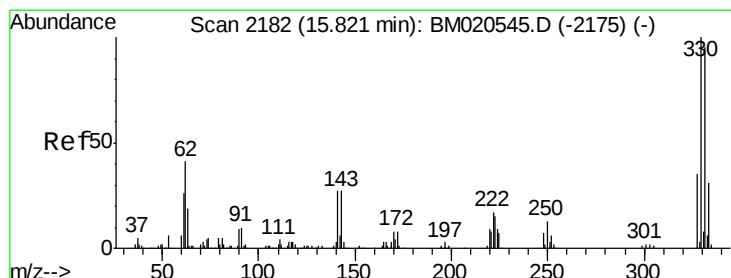
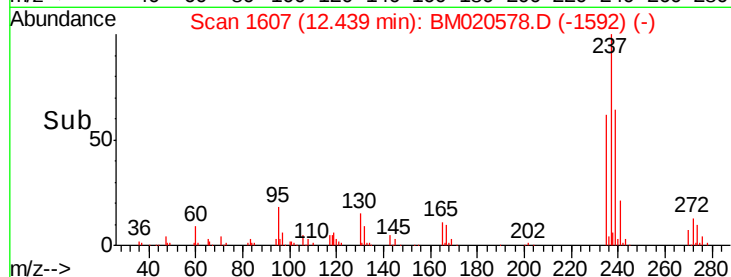
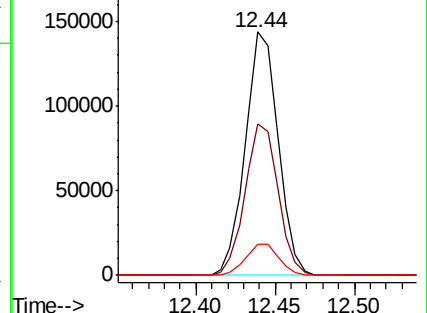
272 13.0 0.0 33.9



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: 133.937 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

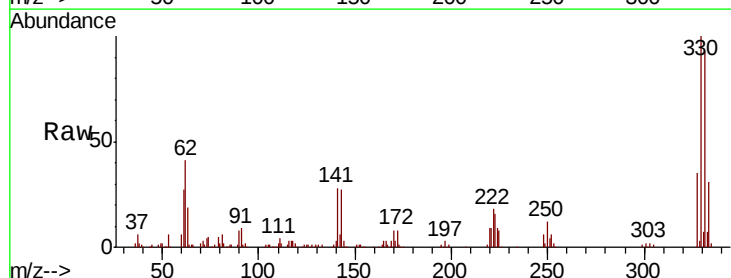
Tgt Ion:330 Resp: 317826

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

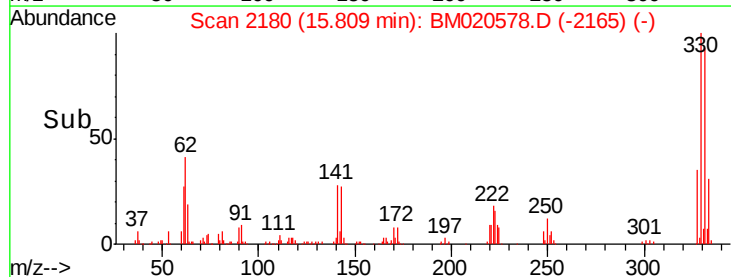
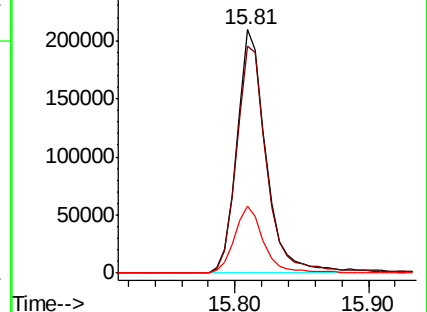
141 27.7 21.7 32.5

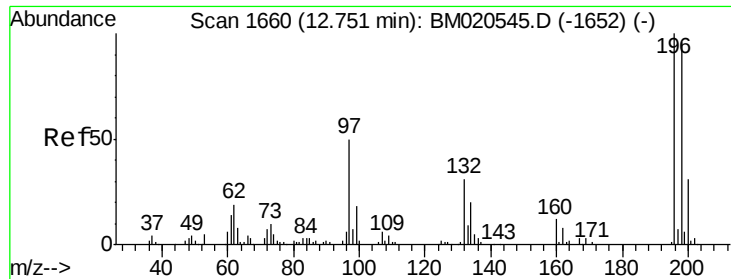


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

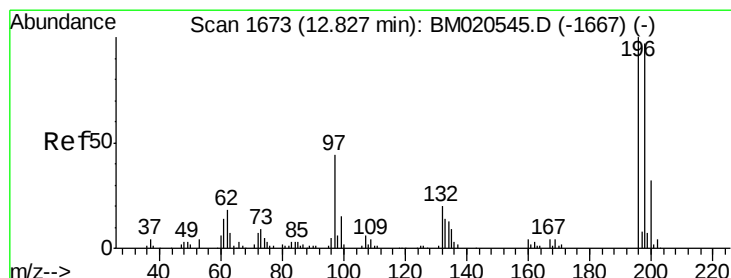
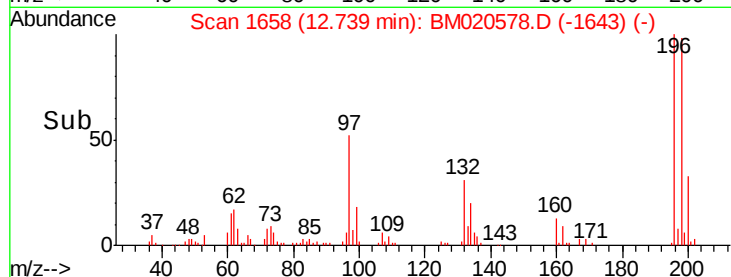
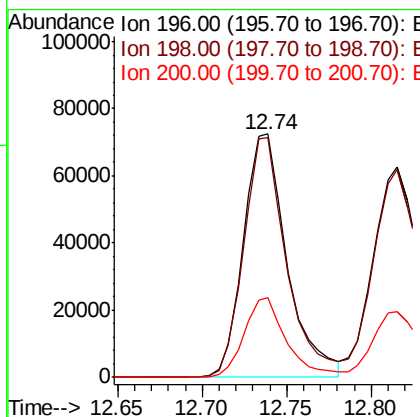
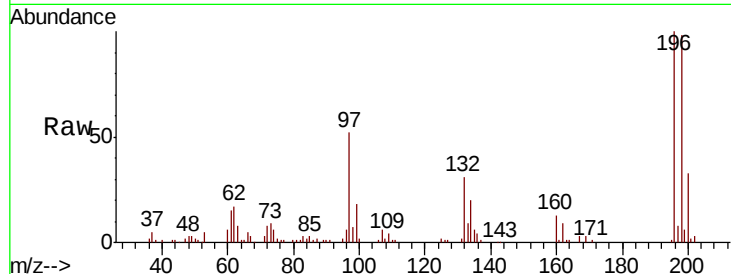




#43
 2,4,6-Trichlorophenol
 Concen: 42.357 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

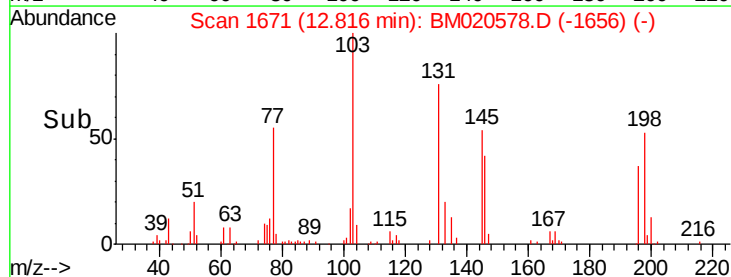
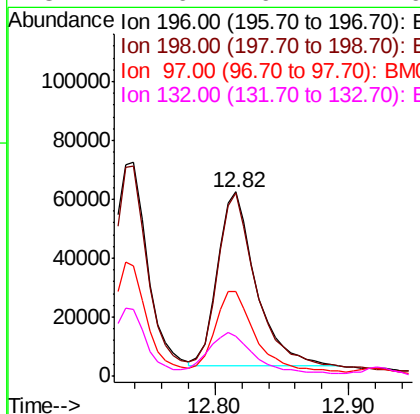
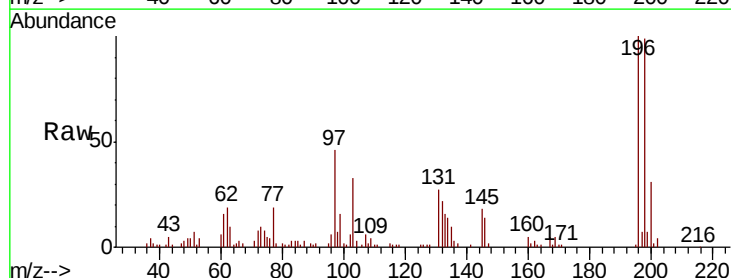
Instrument :
 BNA_M
 ClientSampled :

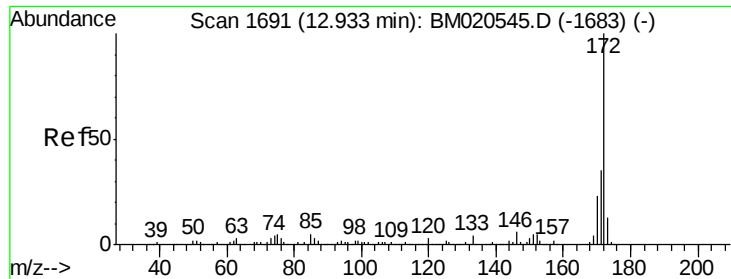
Tot Ion:196 Resp: 130511
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.4 114.6
 200 32.8 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.060 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion:196 Resp: 118143
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.6 116.4
 97 45.7 35.4 53.0
 132 21.6 16.4 24.6

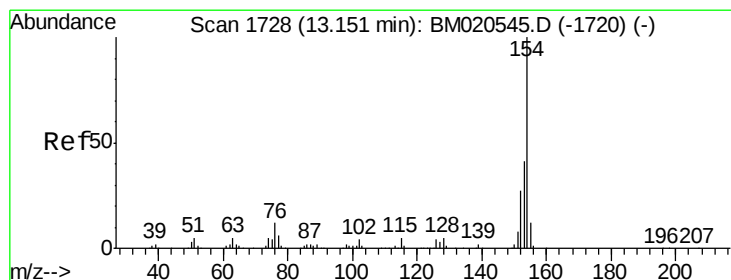
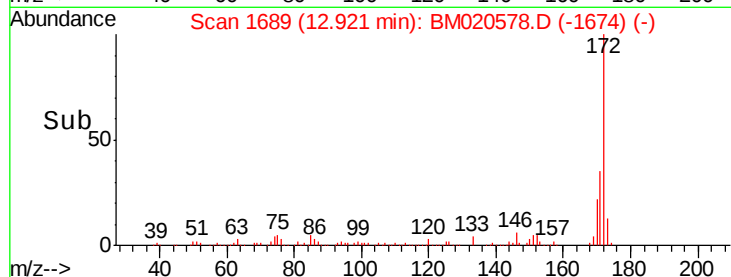
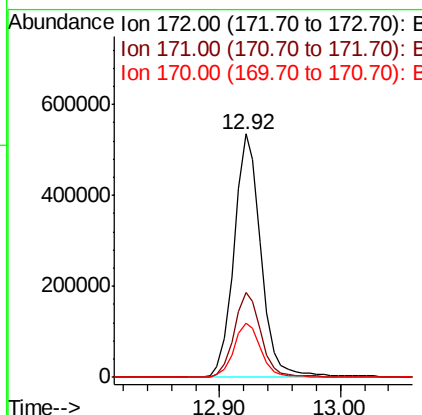
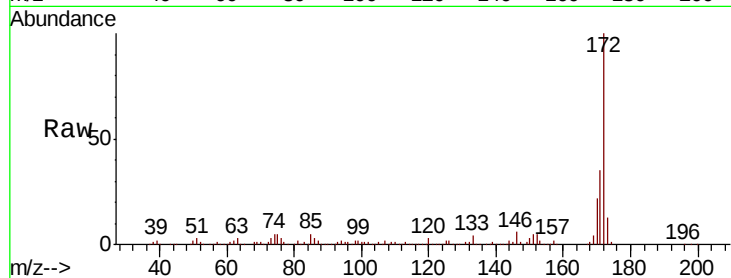




#45
2-Fluorobiphenyl
Concen: 87.989 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

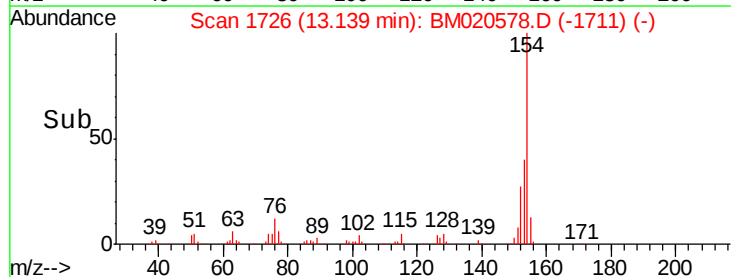
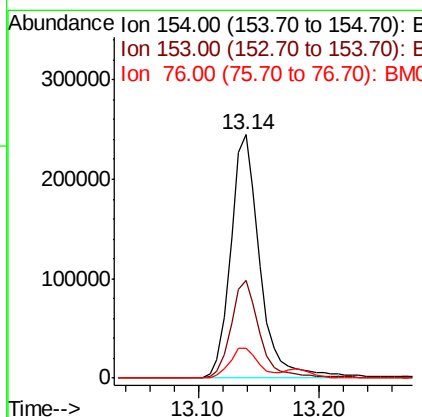
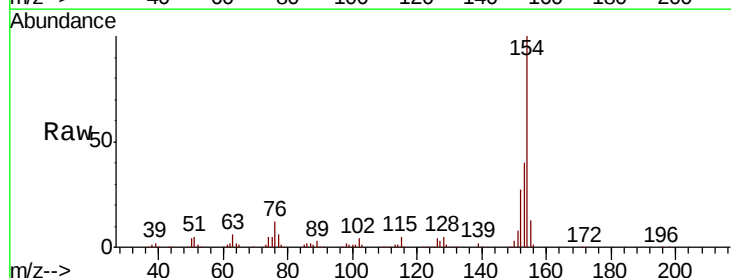
Instrument :
BNA_M
ClientSampleId :

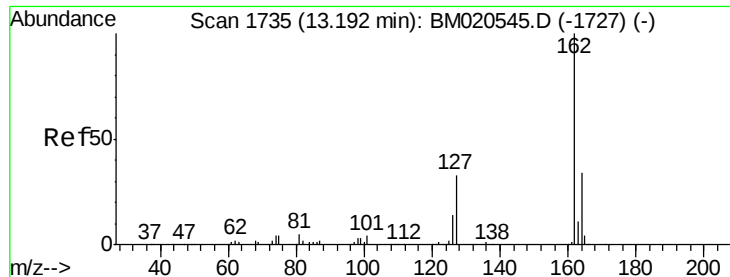
Tot Ion:172 Resp: 830529
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 22.5 18.2 27.4



#46
1,1'-Biphenyl
Concen: 45.026 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:154 Resp: 410730
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 12.5 0.0 32.2

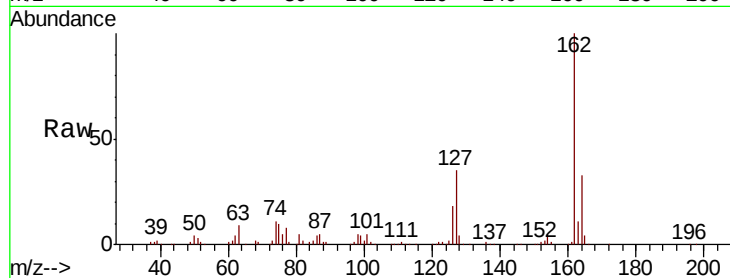




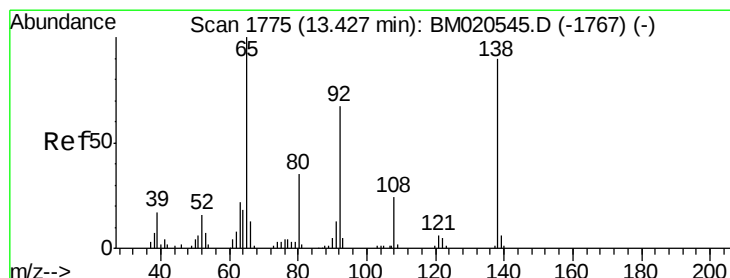
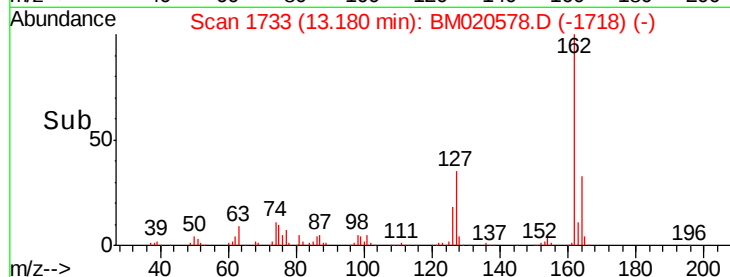
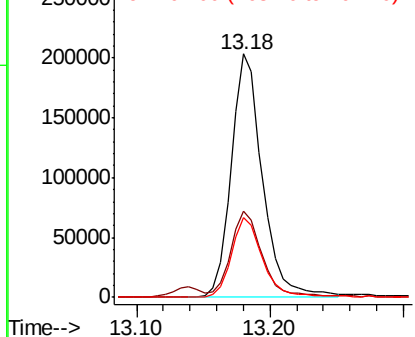
#47
2-Chloronaphthalene
Concen: 42.915 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	29.2	43.8
164	32.5	27.4	41.2

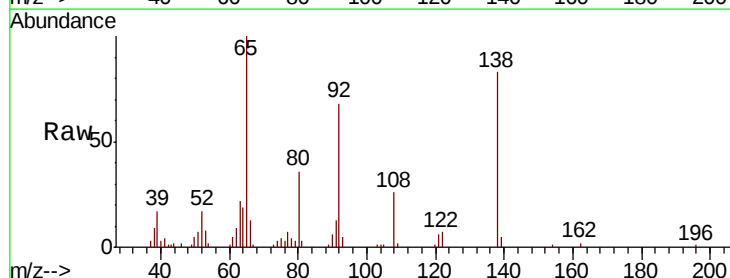


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

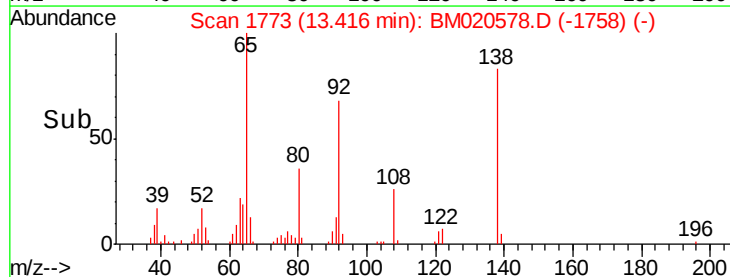
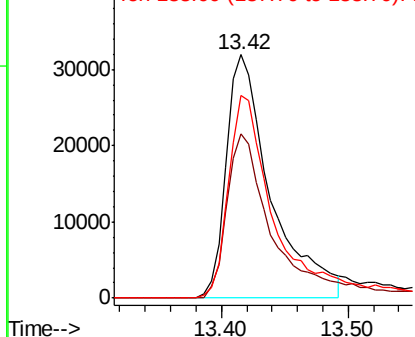


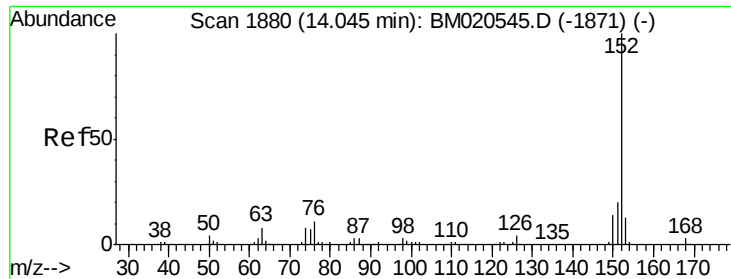
#48
2-Nitroaniline
Concen: 33.941 ng
RT: 13.42 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.6	80.4
138	83.1	72.0	108.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.879 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

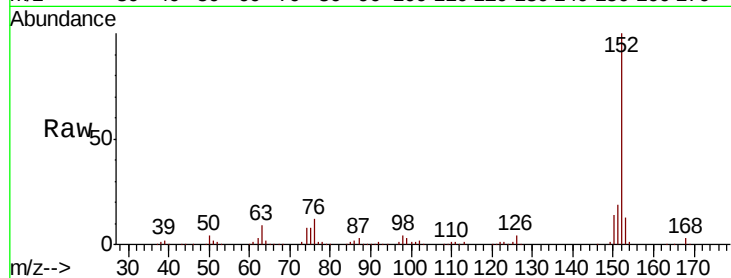
Tot Ion:152 Resp: 504244

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

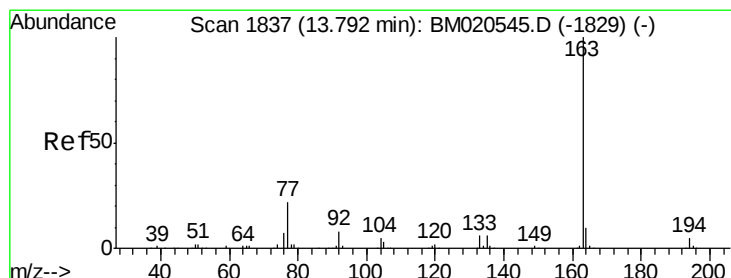
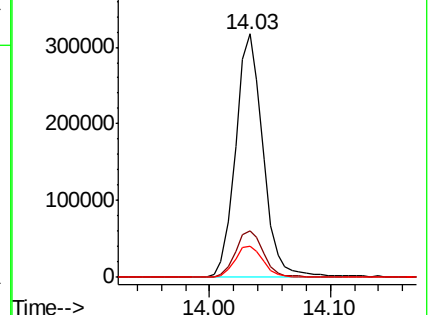
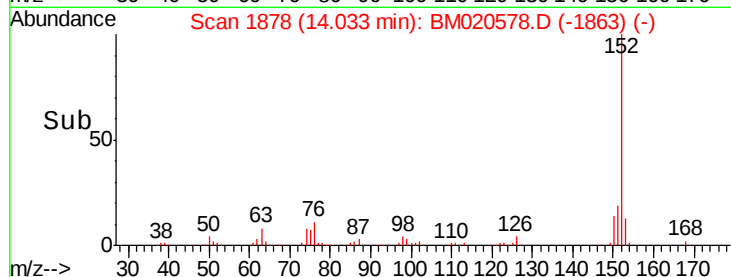
153 12.7 10.2 15.2



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: 41.104 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

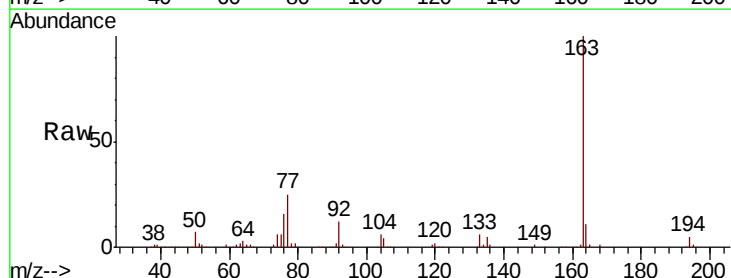
Tgt Ion:163 Resp: 431221

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

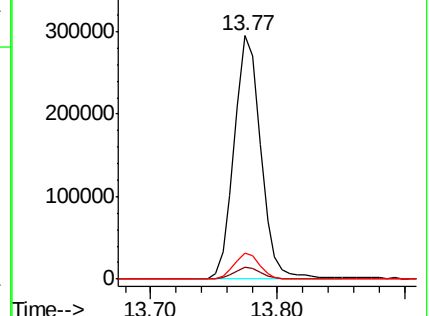
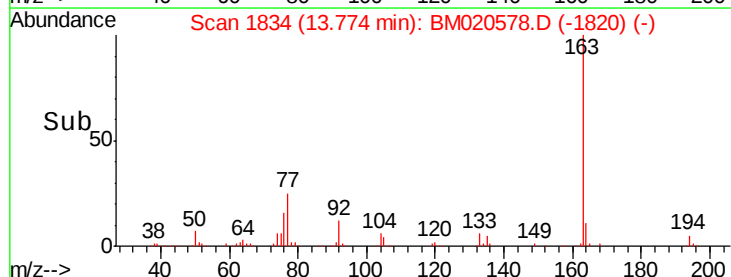
164 10.5 8.0 12.0

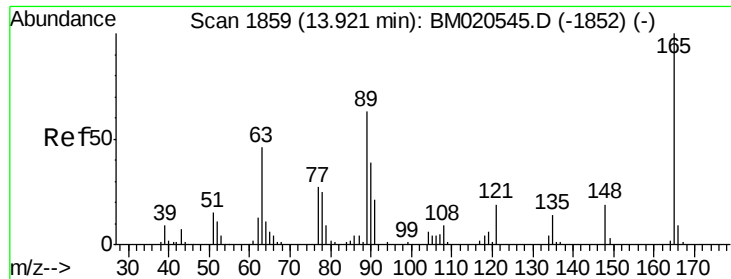


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

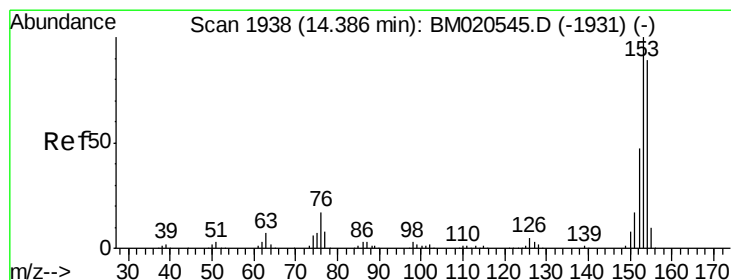
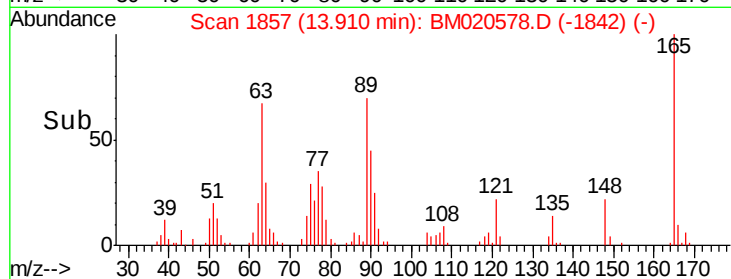
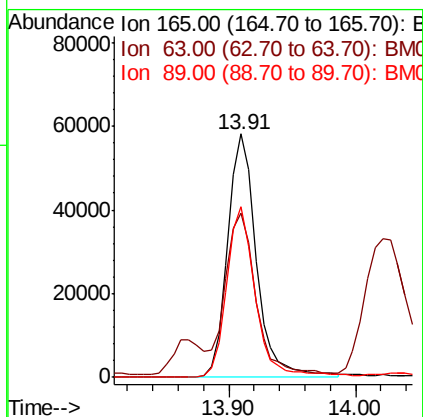
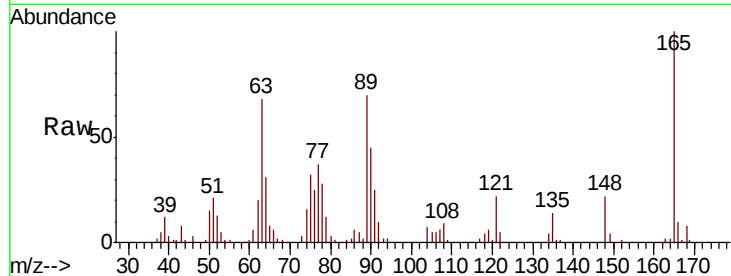




#51
 2,6-Dinitrotoluene
 Concen: 41.695 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

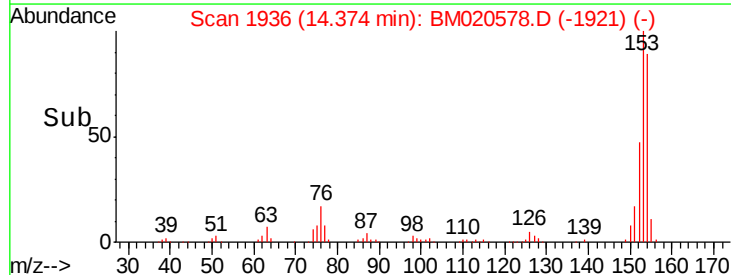
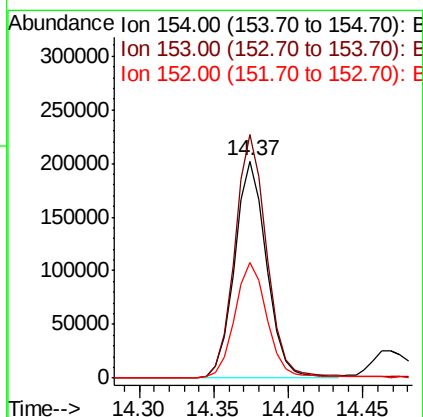
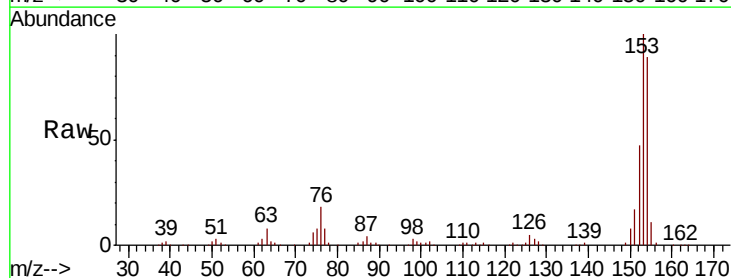
Instrument :
 BNA_M
 ClientSampled :

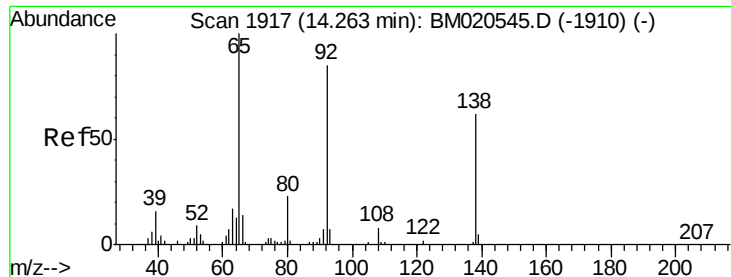
Tot Ion:165 Resp: 91168
 Ion Ratio Lower Upper
 165 100
 63 67.7 49.6 74.4
 89 70.3 50.8 76.2



#52
 Acenaphthene
 Concen: 42.724 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion:154 Resp: 302771
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.2 135.4
 152 53.3 42.0 63.0





#53

3-Nitroaniline

Concen: 14.184 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

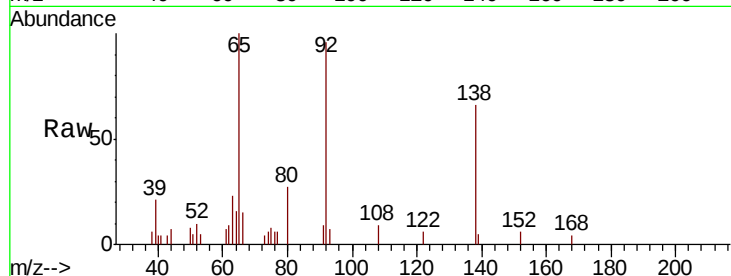
Tot Ion:138 Resp: 18985

Ion Ratio Lower Upper

138 100

108 14.1 10.1 15.1

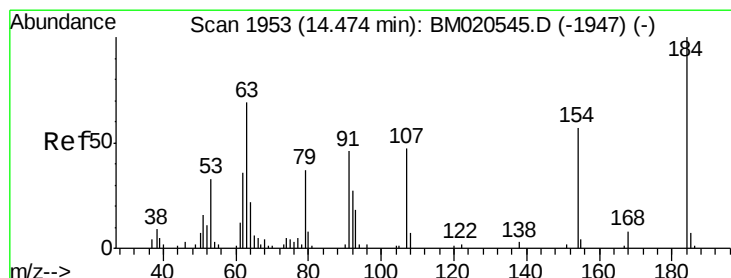
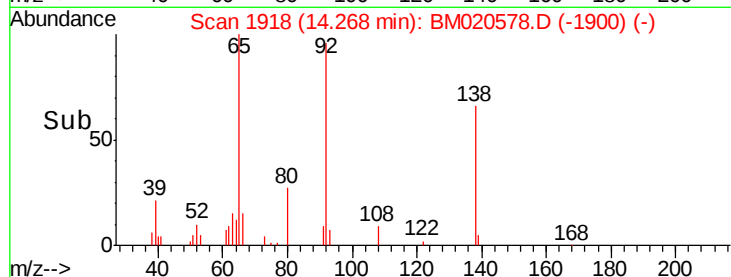
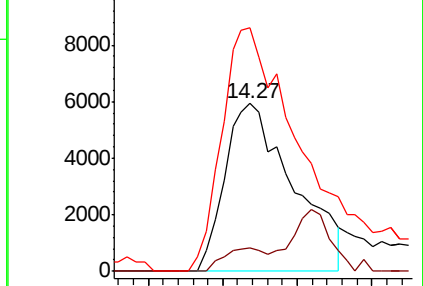
92 145.1 109.5 164.3



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: 66.102 ng

RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

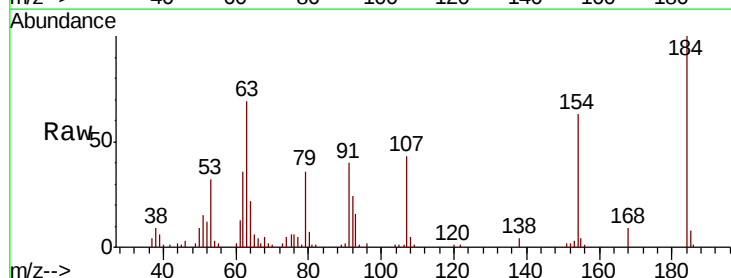
Tgt Ion:184 Resp: 91002

Ion Ratio Lower Upper

184 100

63 69.0 56.3 84.5

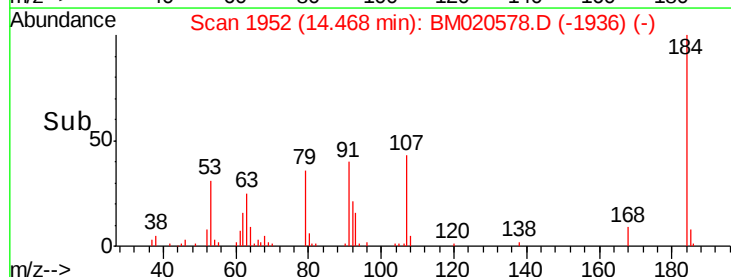
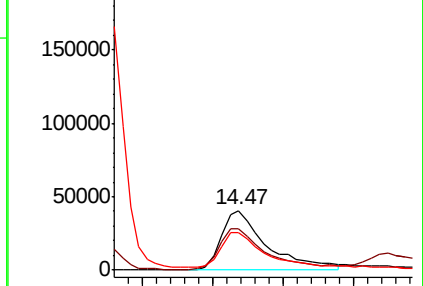
154 63.2 49.0 73.6

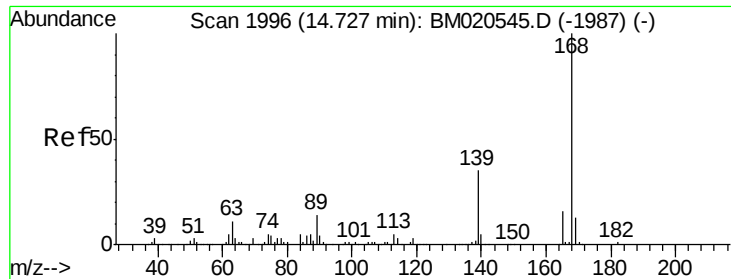


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

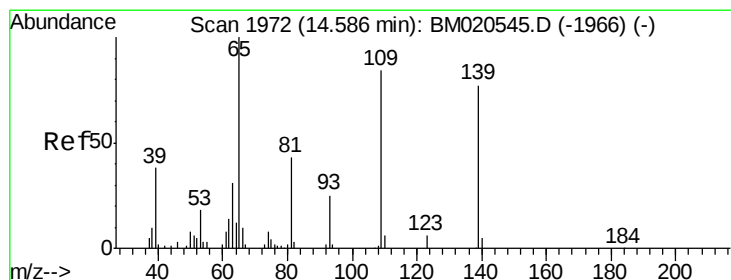
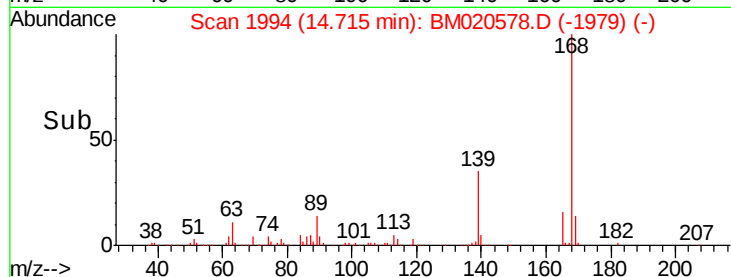
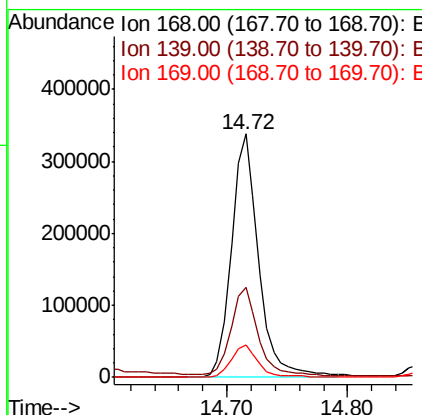
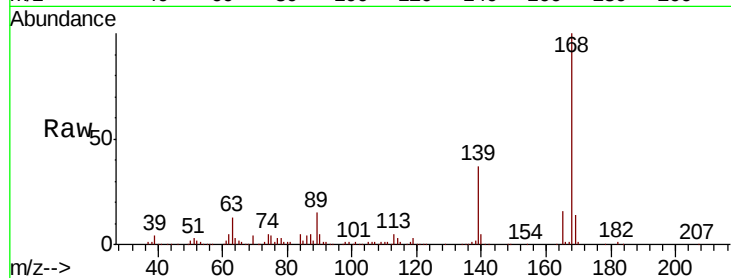




#55
Dibenzenofuran
Concen: 43.351 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

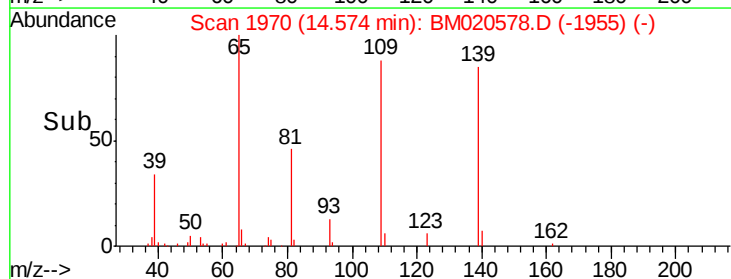
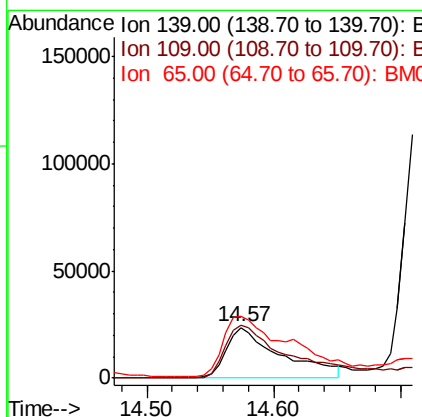
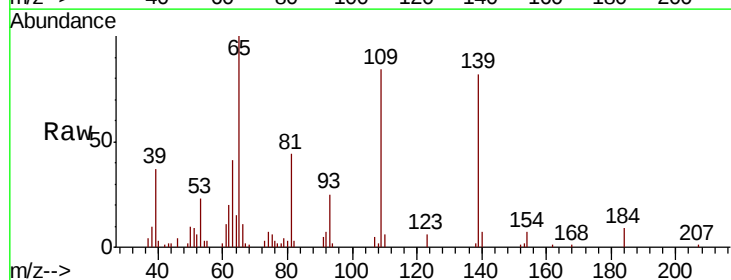
Instrument :
BNA_M
ClientSampleId :

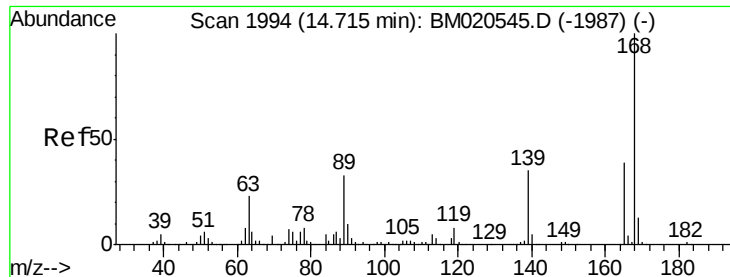
Tot Ion:168 Resp: 531615
Ion Ratio Lower Upper
168 100
139 36.9 28.2 42.4
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 52.515 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:139 Resp: 70988
Ion Ratio Lower Upper
139 100
109 103.3 89.4 129.4
65 122.5 113.3 153.3





#57

2,4-Dinitrotoluene

Concen: 40.226 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 127016

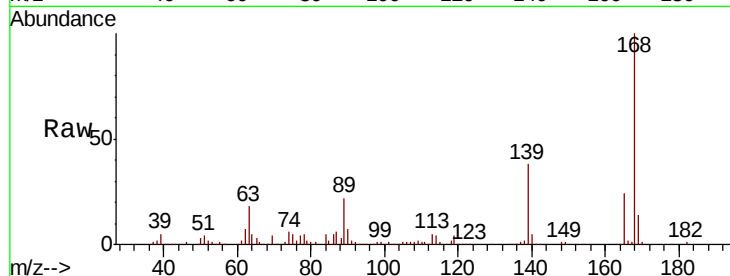
Ion Ratio Lower Upper

165 100

63 74.7 48.7 73.1#

89 90.4 68.8 103.2

182 3.2 2.6 4.0

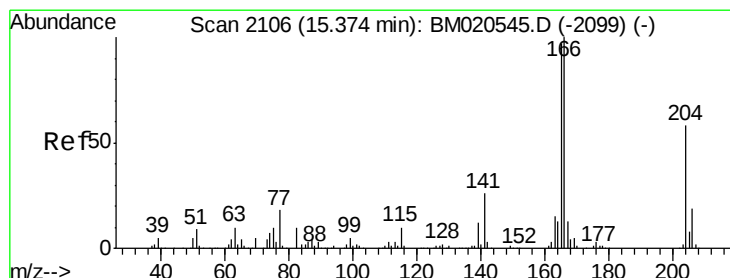
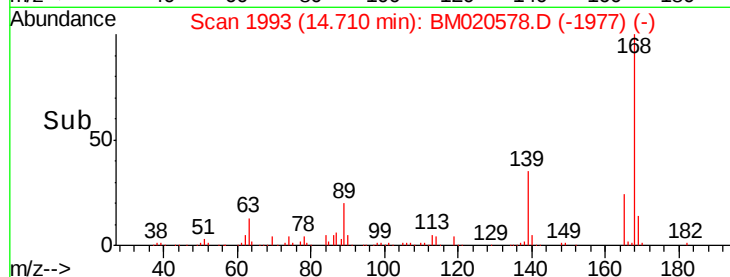
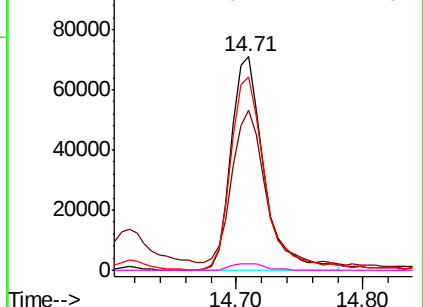


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.945 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

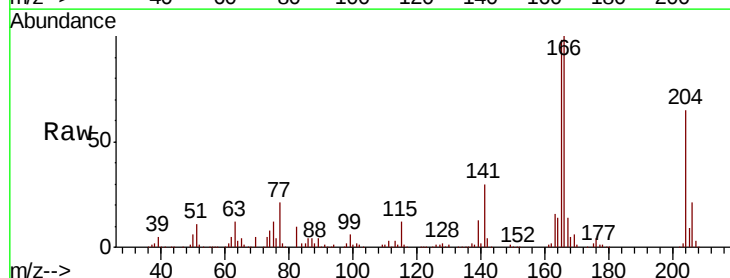
Tgt Ion:166 Resp: 427283

Ion Ratio Lower Upper

166 100

165 97.6 77.4 116.0

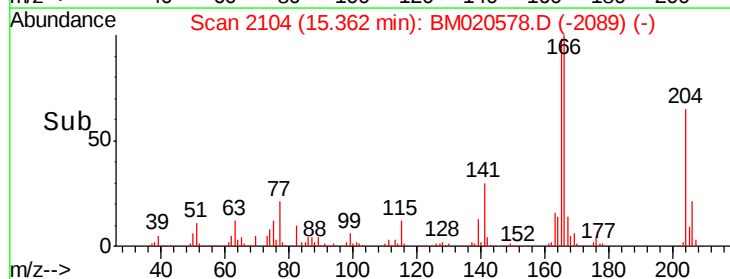
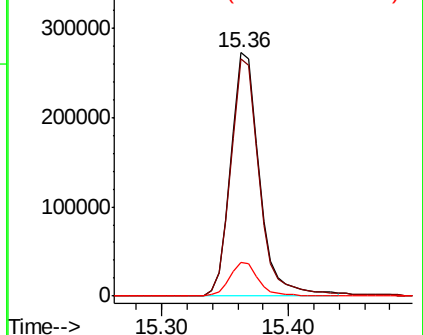
167 13.9 10.6 16.0

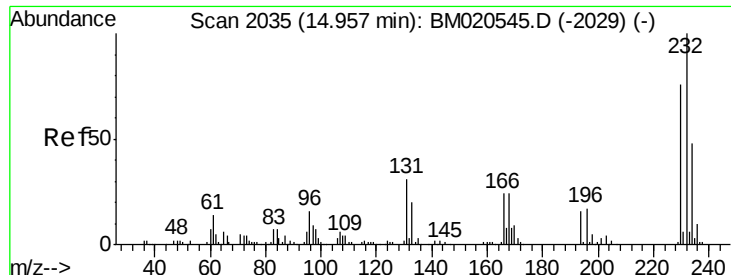


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

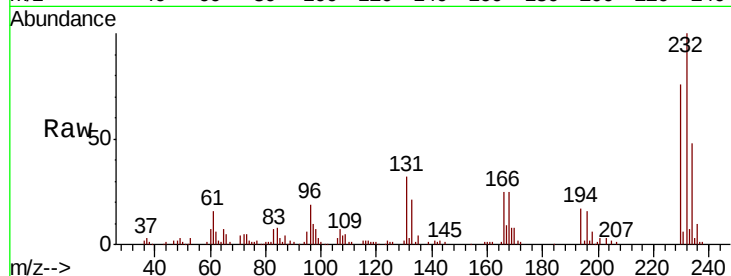




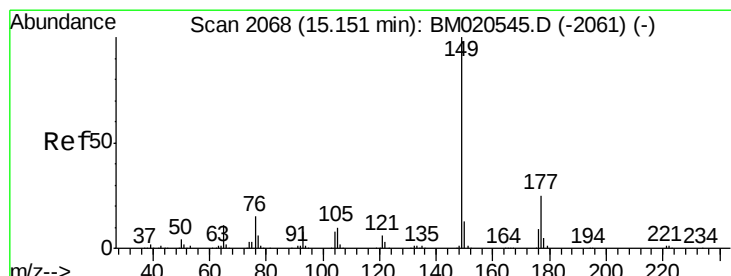
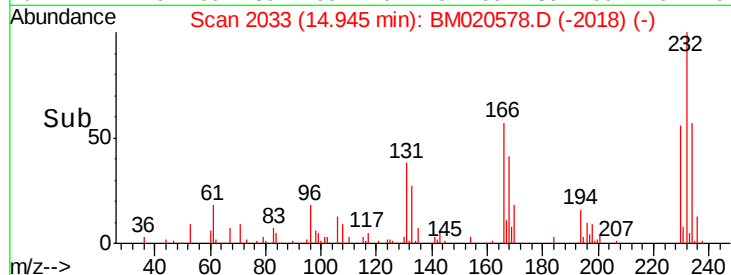
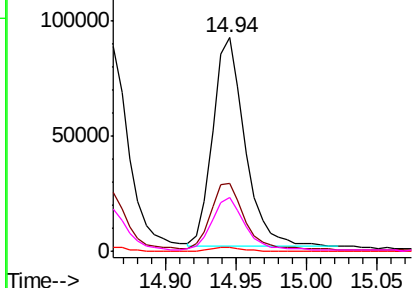
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.047 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	32.8	25.4	38.0
130	1.9	1.5	2.3
166	25.5	19.7	29.5

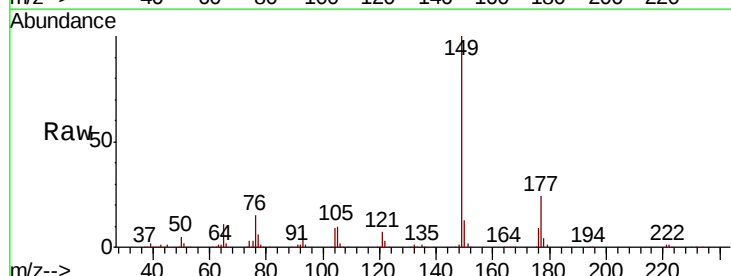


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

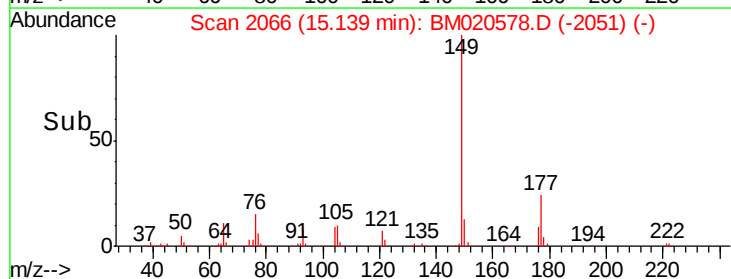
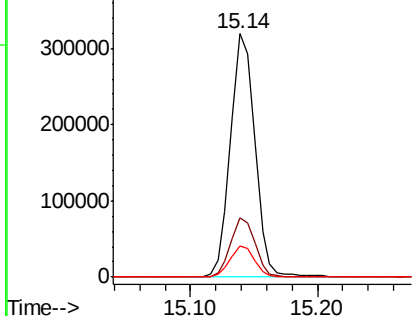


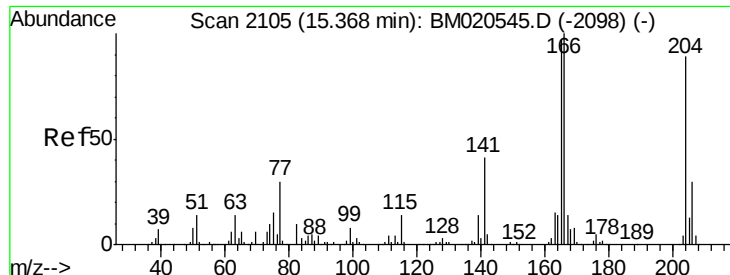
#60
 Diethylphthalate
 Concen: 41.357 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.8	29.8
150	12.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

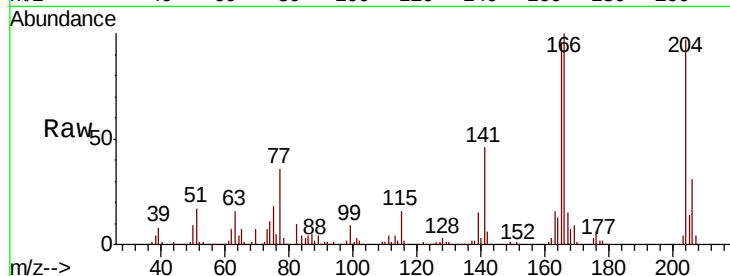




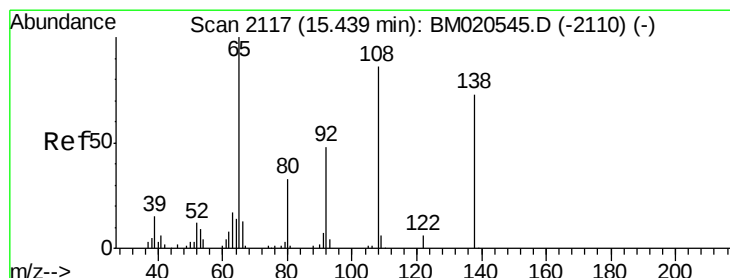
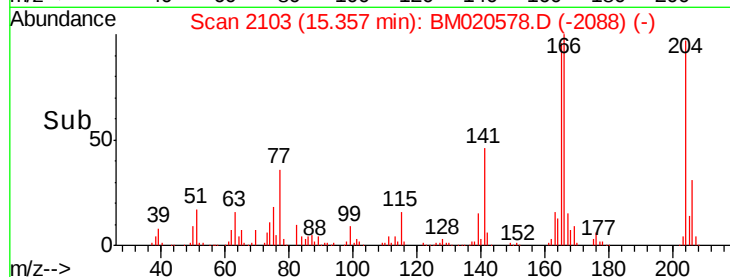
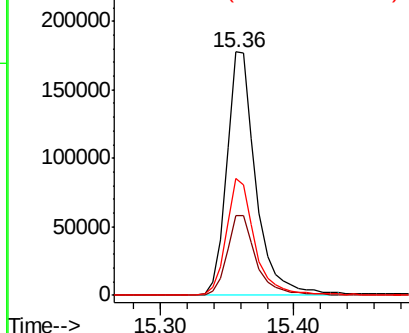
#61
4-Chlorophenyl-phenylether
Concen: 41.793 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 271796
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 48.0 36.9 55.3

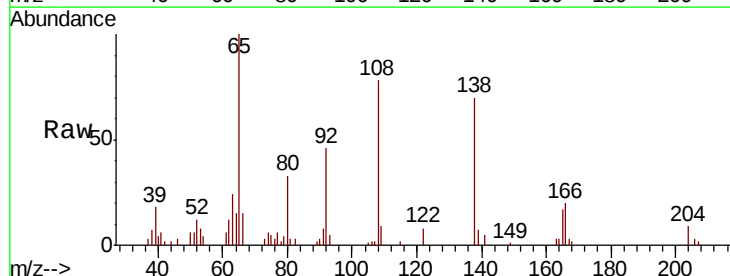


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

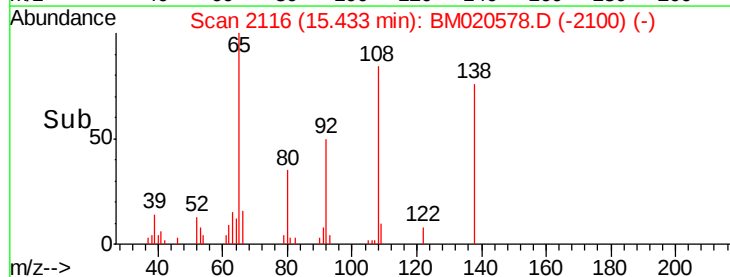
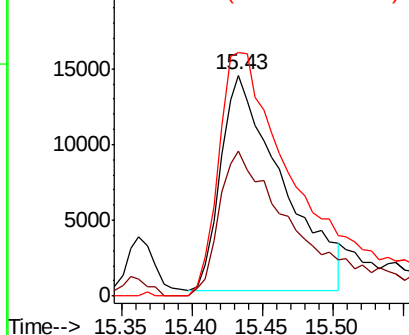


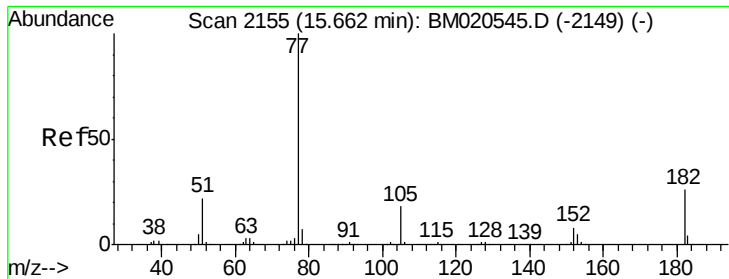
#62
4-Nitroaniline
Concen: 23.483 ng
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:138 Resp: 43162
Ion Ratio Lower Upper
138 100
92 65.8 44.5 84.5
108 110.4 95.9 135.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

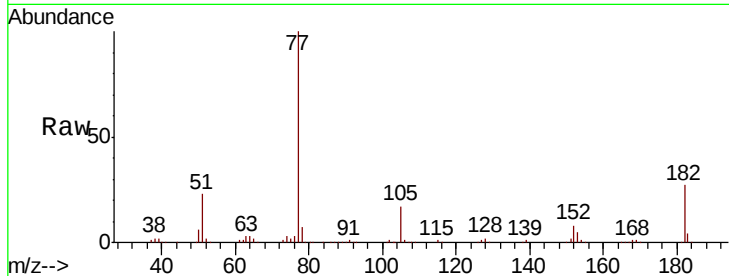




#63
Azobenzene
Concen: 42.847 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	430954
Ion	Ratio	Lower	Upper
77	100		
182	27.3	5.7	45.7
105	17.1	0.0	37.6
51	22.7	1.7	41.7

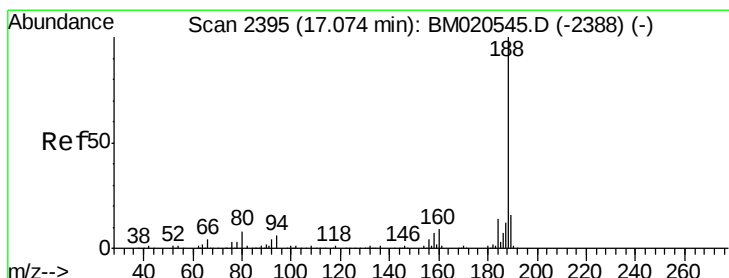
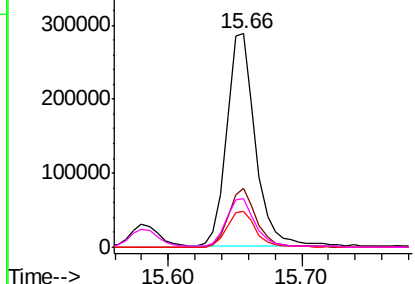
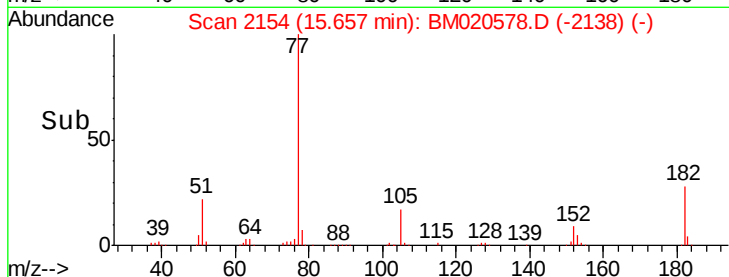


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020545.D (-2149) (-)

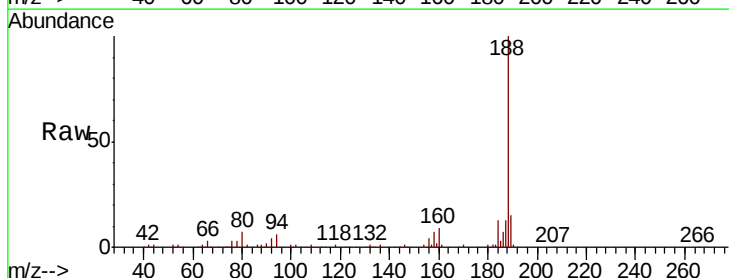
Ion 105.00 (104.70 to 105.70): BM020545.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-2149) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

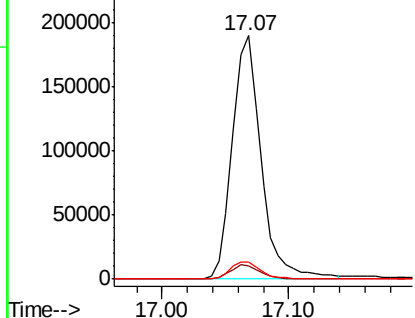
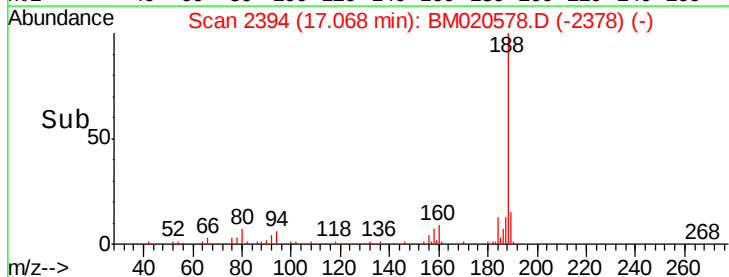
Tgt Ion:	188	Resp:	300766
Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.0	7.4
80	7.2	6.5	9.7

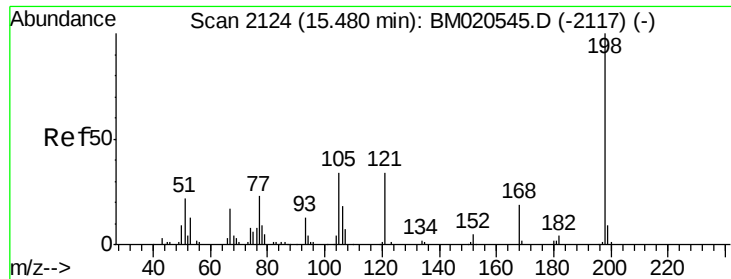


Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)

Ion 94.00 (93.70 to 94.70): BM020545.D (-2388) (-)

Ion 80.00 (79.70 to 80.70): BM020545.D (-2388) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.520 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

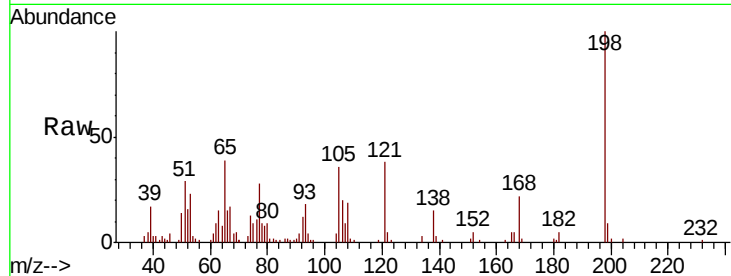
Instrument :

BNA_M

ClientSampled :

Tot Ion:198 Resp: 72840

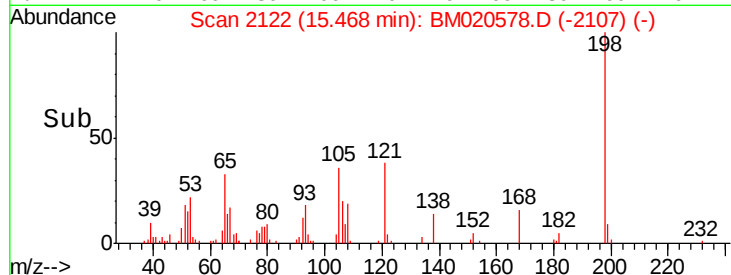
Ion	Ratio	Lower	Upper
198	100		
51	29.4	6.4	46.4
105	36.5	15.1	55.1



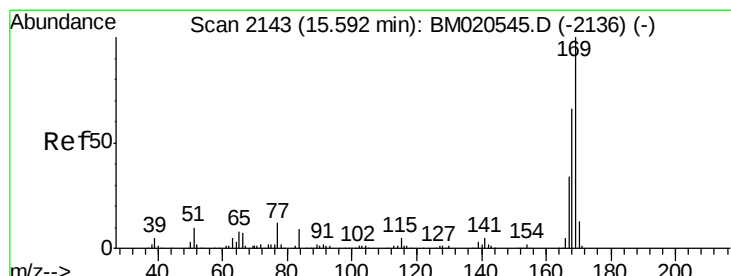
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.005 ng

RT: 15.59 min Scan# 2142

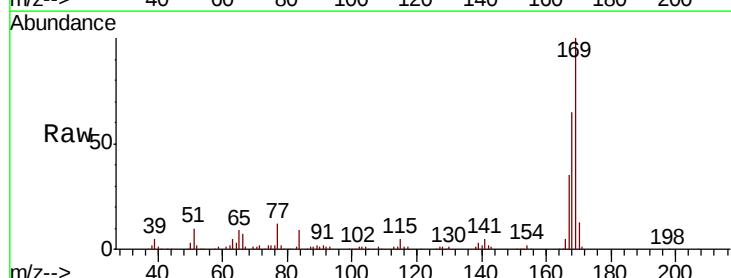
Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Tgt Ion:169 Resp: 367023

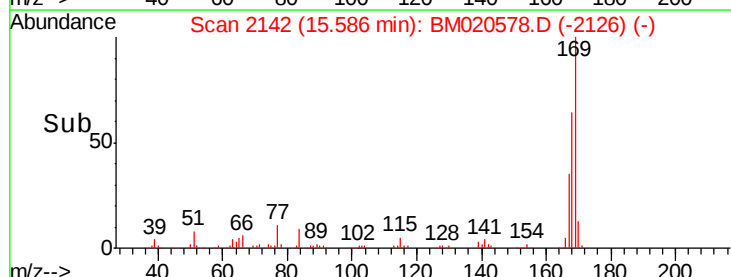
Ion	Ratio	Lower	Upper
169	100		
168	65.3	52.5	78.7
167	35.4	27.5	41.3



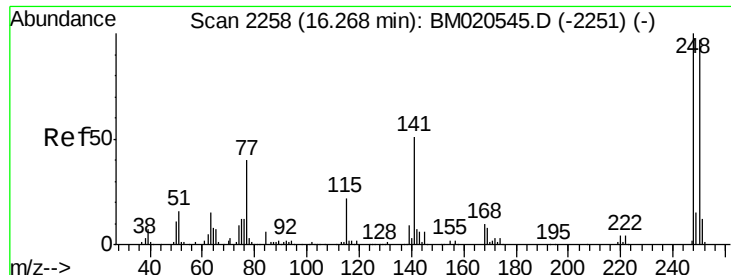
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



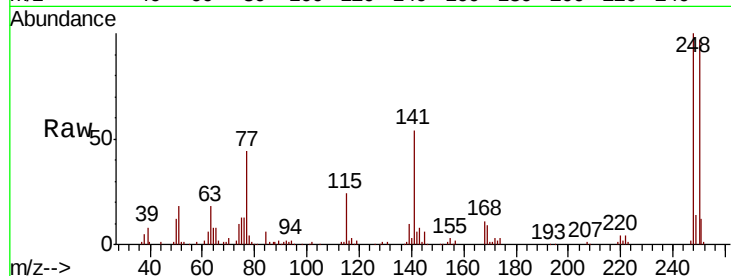
Time-->



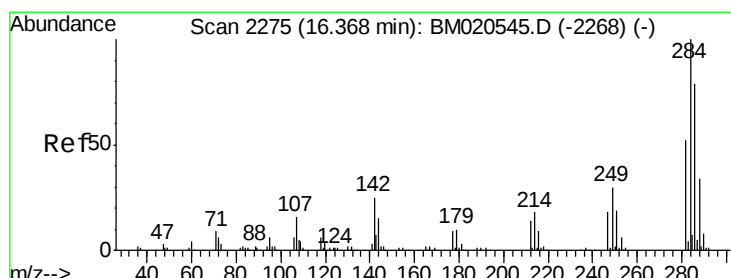
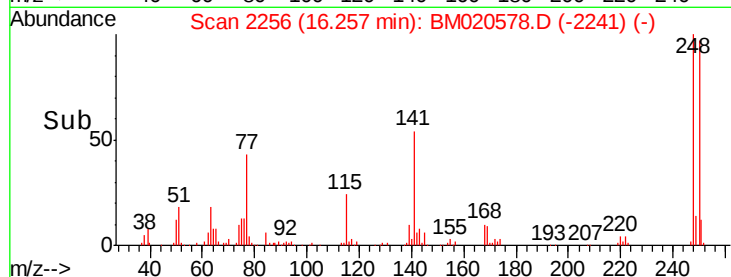
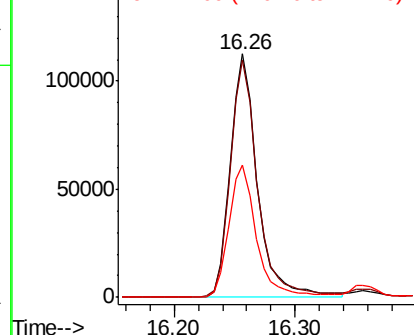
#67
 4-Bromophenyl-phenylether
 Concen: 44.129 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.6
141	54.2	41.0	61.6

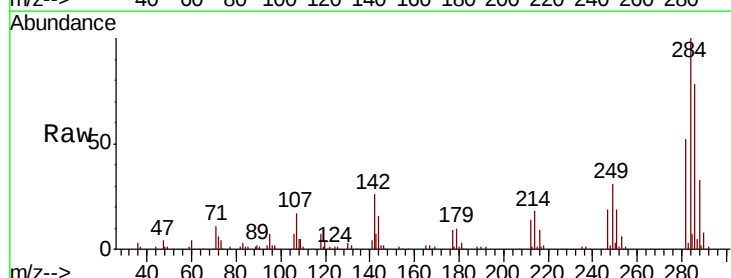


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

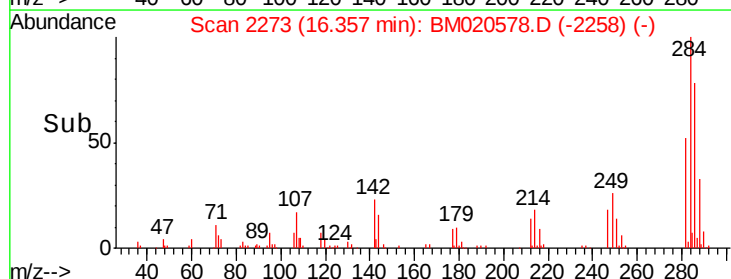
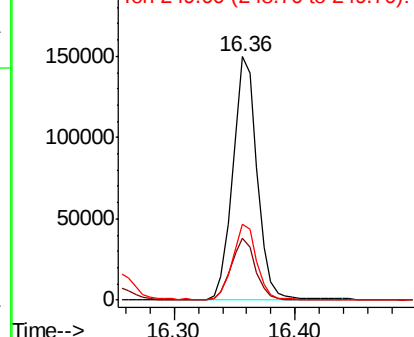


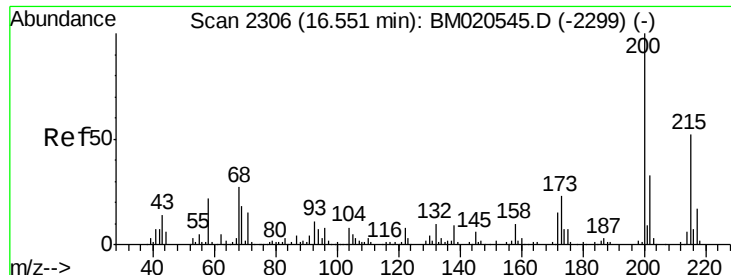
#68
 Hexachlorobenzene
 Concen: 43.481 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	20.2	30.2
249	31.1	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

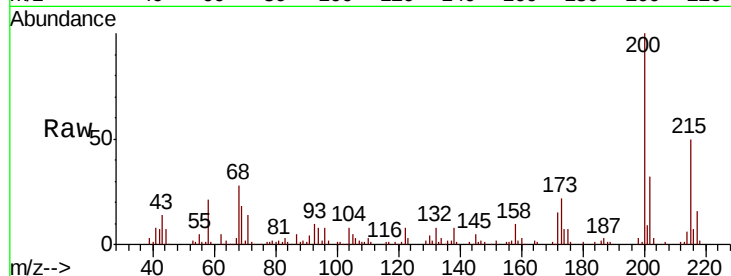




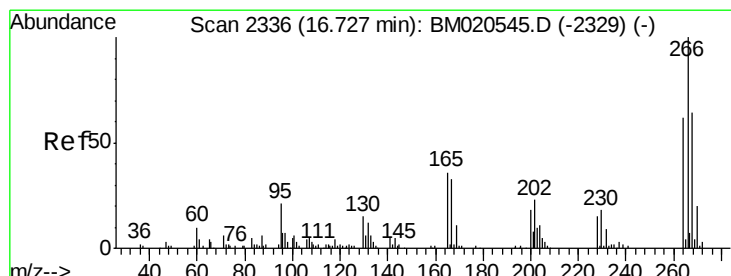
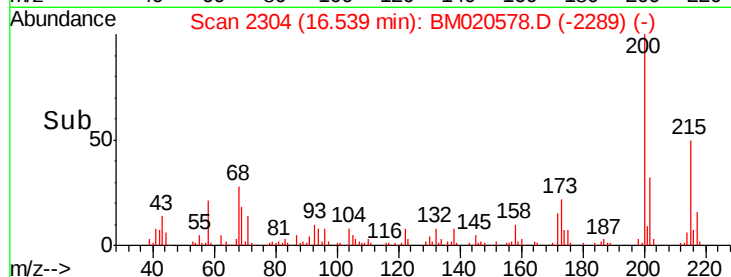
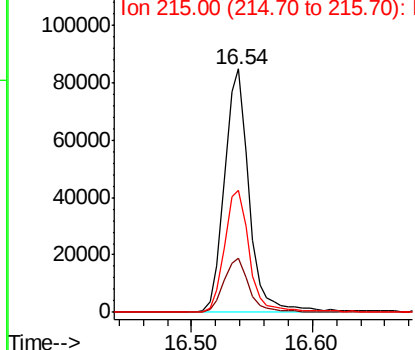
#69
Atrazine
Concen: 35.723 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Instrument :
BNA_M
ClientSampled :

Tot Ion:200 Resp: 119863
Ion Ratio Lower Upper
200 100
173 22.2 3.2 43.2
215 50.3 31.7 71.7

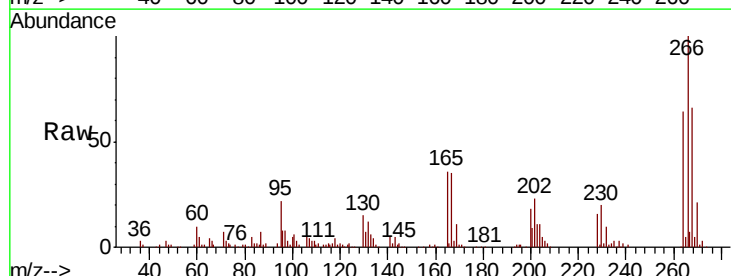


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

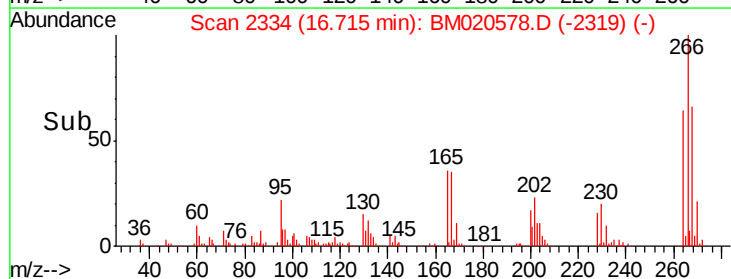
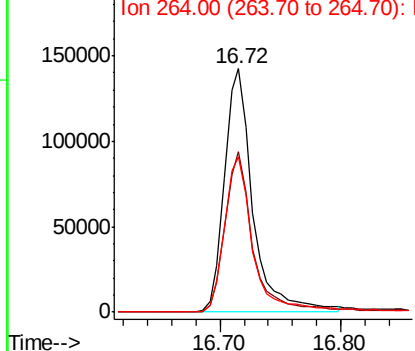


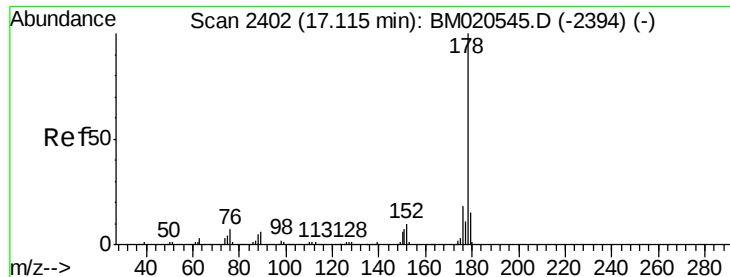
#70
Pentachlorophenol
Concen: 93.042 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:266 Resp: 233470
Ion Ratio Lower Upper
266 100
268 65.8 51.0 76.4
264 63.8 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

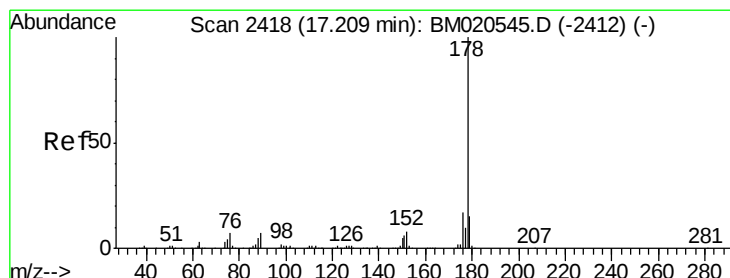
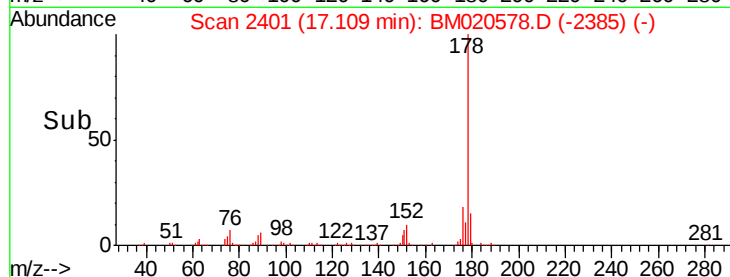
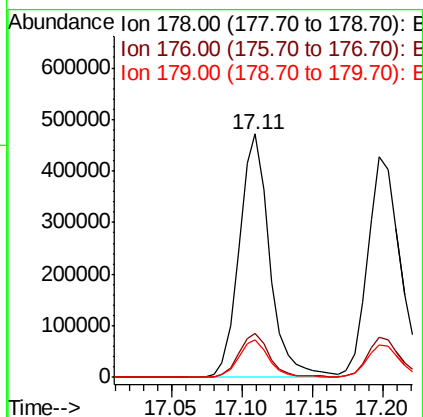
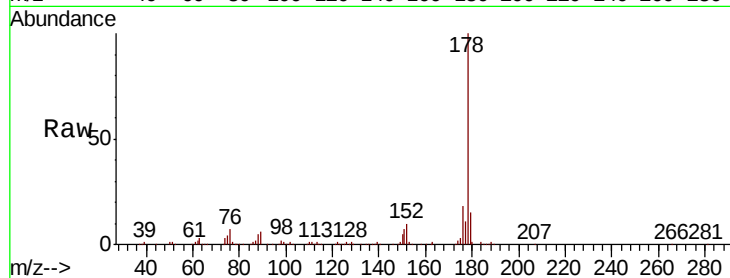




#71
Phenanthrene
Concen: 43.621 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

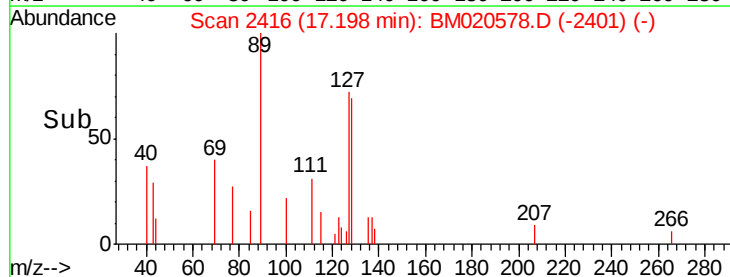
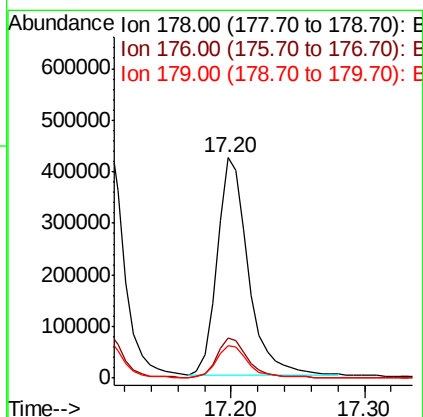
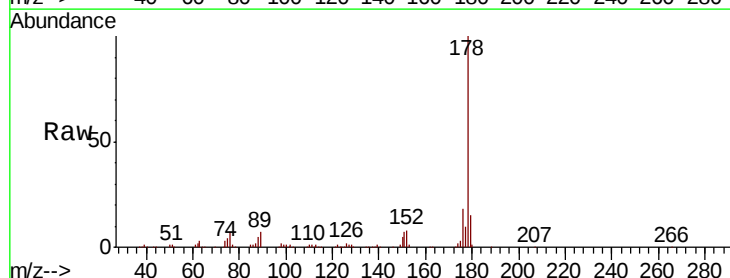
Instrument :
BNA_M
ClientSampleId :

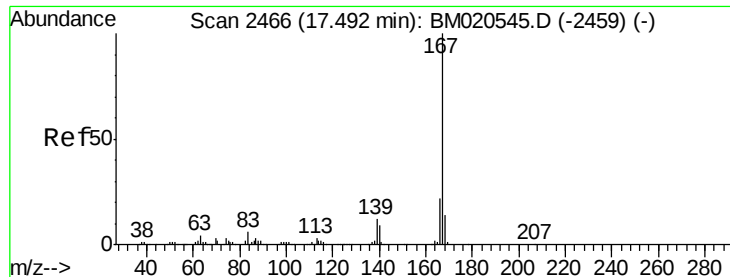
Tot Ion:178 Resp: 712728
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.3 12.2 18.2



#72
Anthracene
Concen: 43.153 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:178 Resp: 683769
Ion Ratio Lower Upper
178 100
176 18.2 14.0 21.0
179 15.0 12.4 18.6

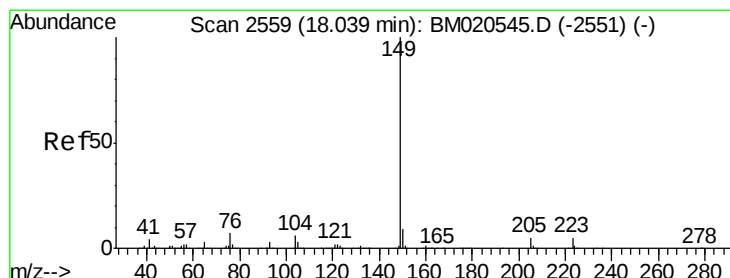
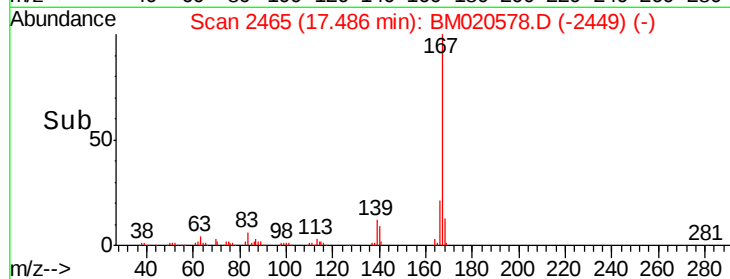
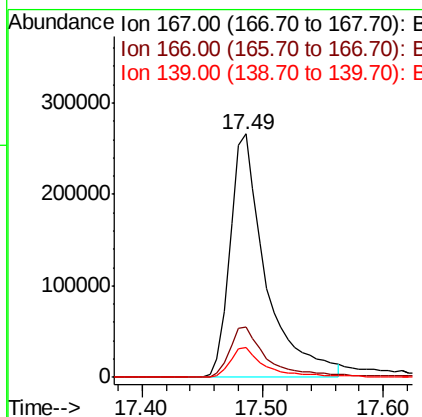
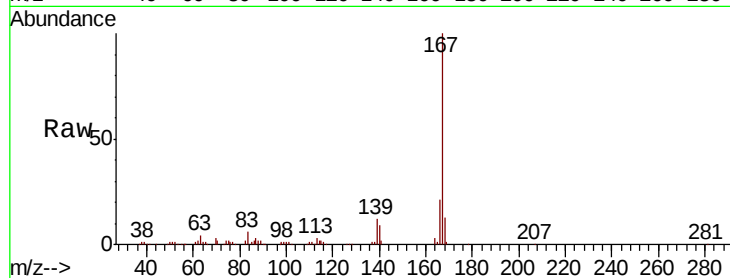




#73
 Carbazole
 Concen: 40.244 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

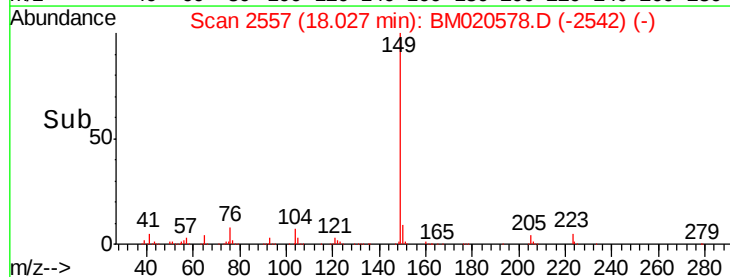
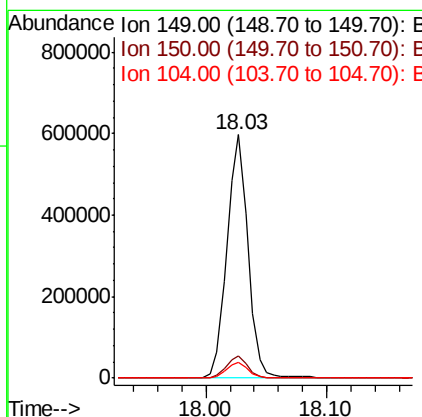
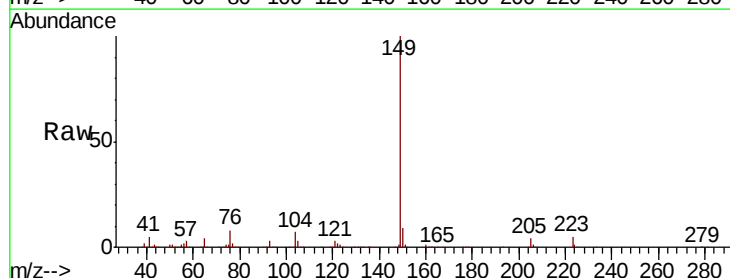
Instrument :
 BNA_M
 ClientSampleId :

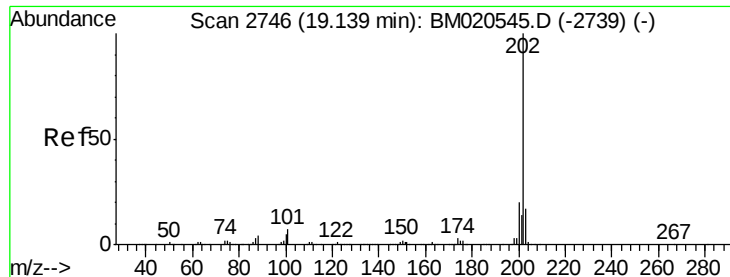
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.2	9.3	13.9



#74
 Di-n-butylphthalate
 Concen: 43.167 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 42.740 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

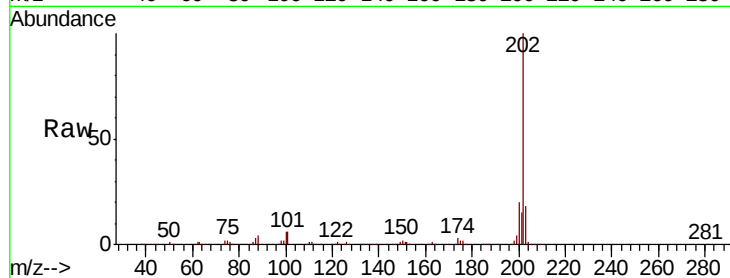
Tot Ion:202 Resp: 971102

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.7

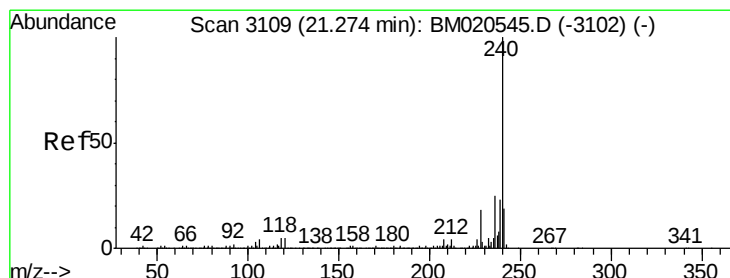
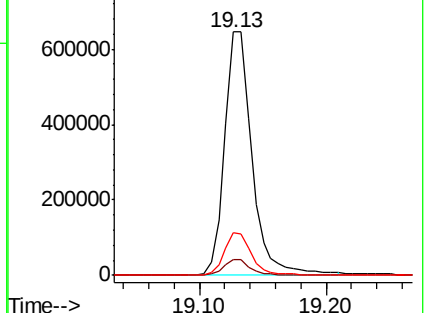
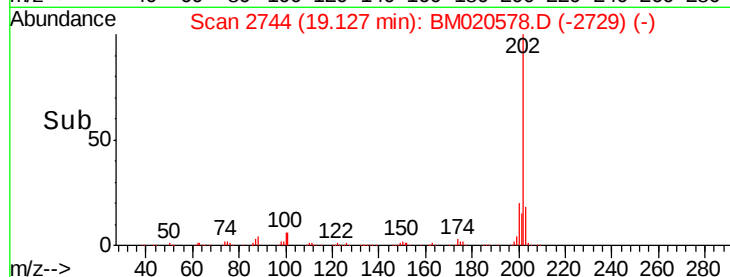
203 17.5 0.0 37.4



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: BM020578.D

Acq: 28 May 2019 13:14

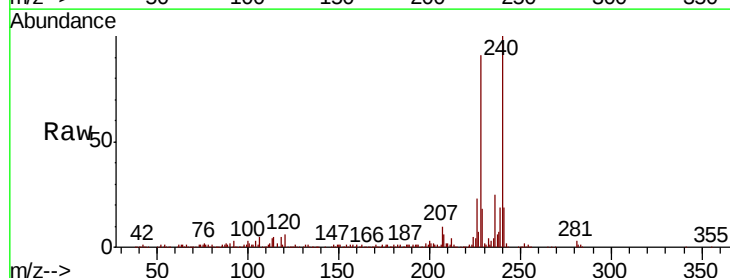
Tgt Ion:240 Resp: 363668

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

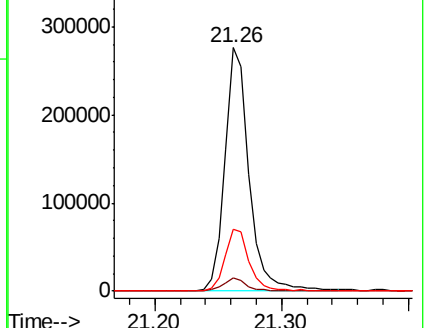
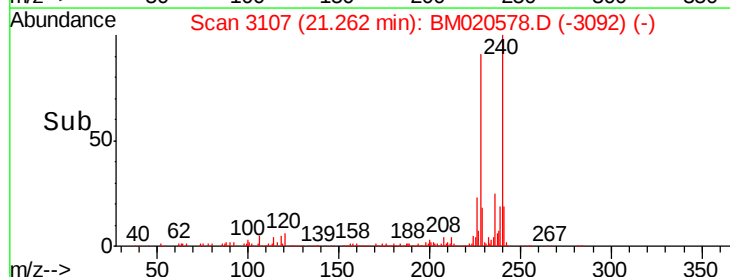
236 25.5 20.2 30.4

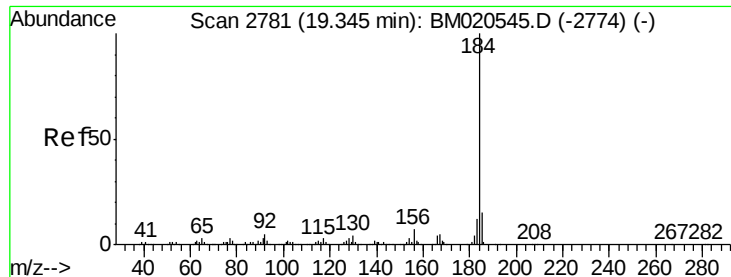


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.175 ng

RT: 19.39 min Scan# 2788

Delta R.T. 0.04 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampleId :

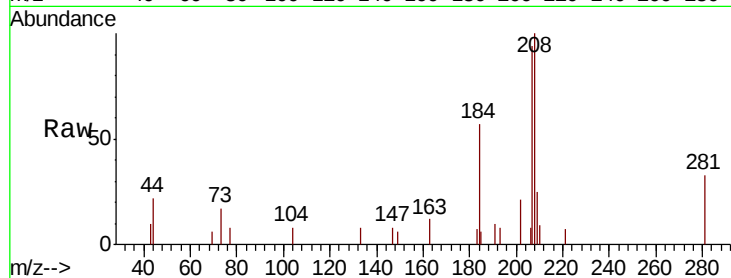
Tot Ion:184 Resp: 7855

Ion Ratio Lower Upper

184 100

185 11.3 11.8 17.8#

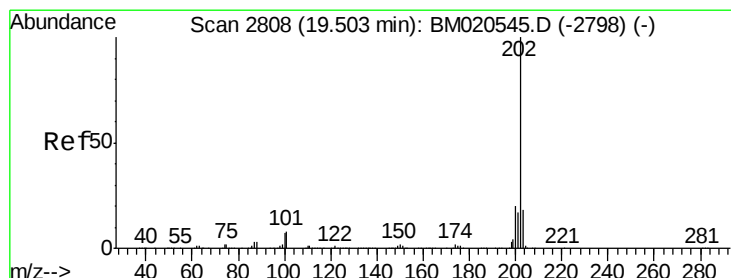
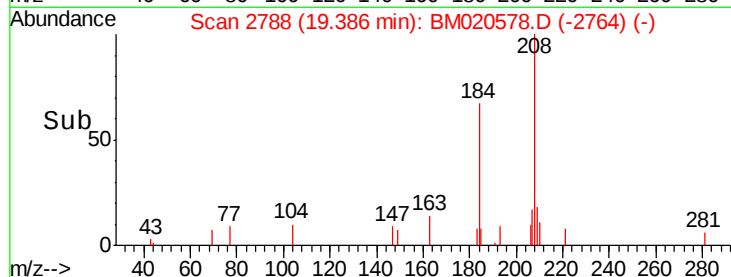
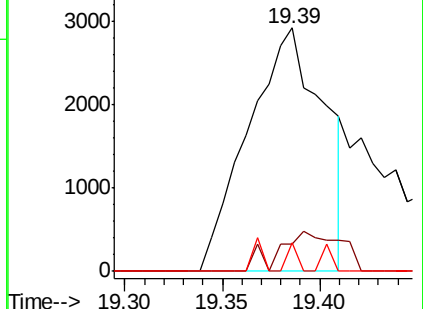
183 11.5 9.7 14.5



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: 43.285 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

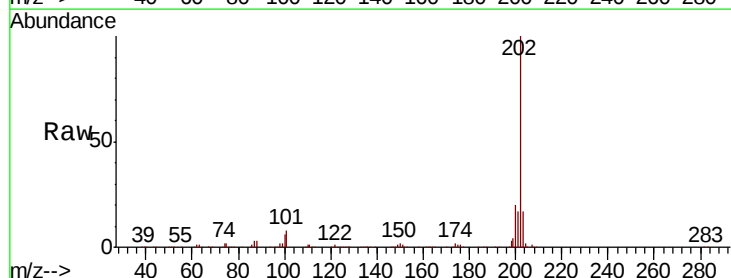
Tgt Ion:202 Resp: 988254

Ion Ratio Lower Upper

202 100

200 20.5 16.0 24.0

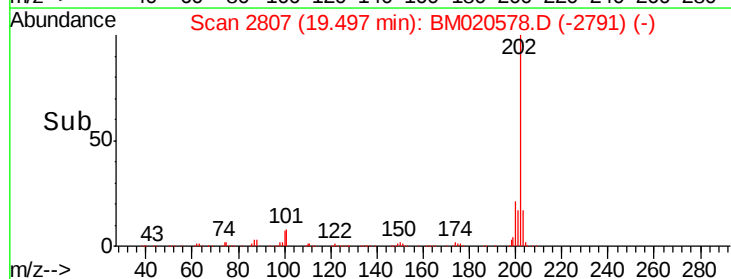
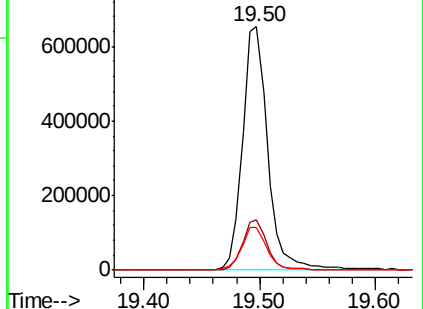
203 17.3 14.1 21.1

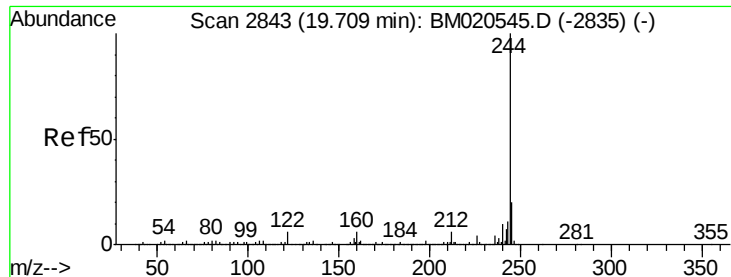


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

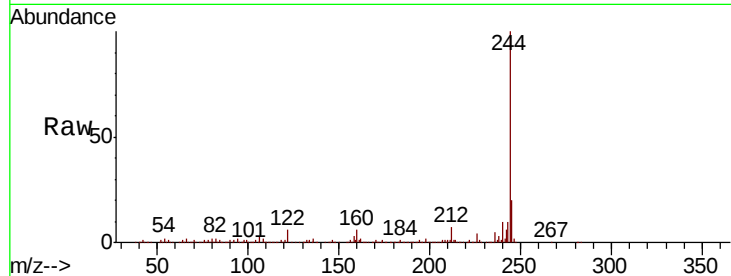




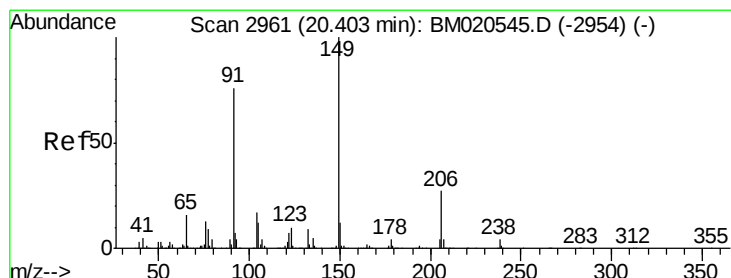
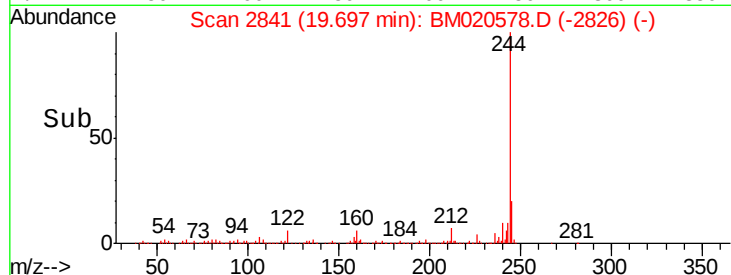
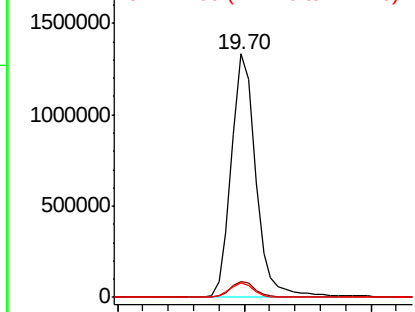
#79
 Terphenyl-d14
 Concen: 89.279 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1796007
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 6.0 4.6 7.0

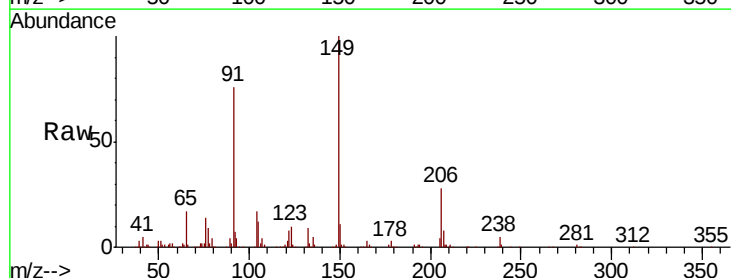


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

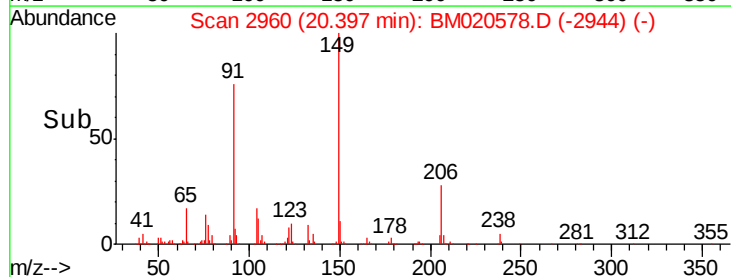
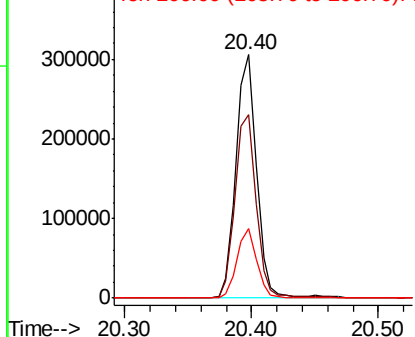


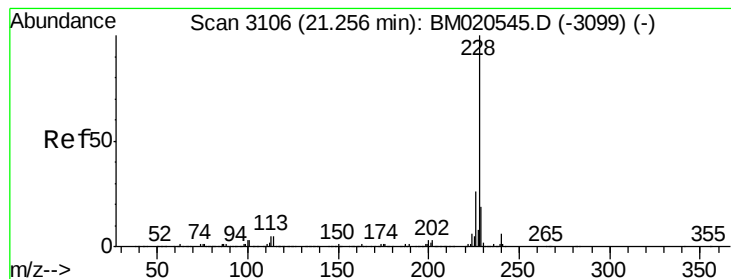
#80
 Butylbenzylphthalate
 Concen: 42.834 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion:149 Resp: 343614
 Ion Ratio Lower Upper
 149 100
 91 75.5 60.9 91.3
 206 28.5 21.6 32.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.044 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

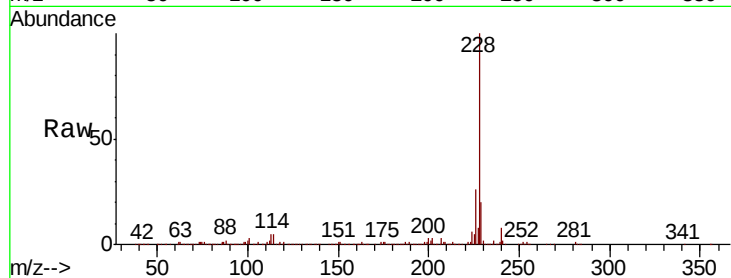
Tot Ion:228 Resp: 1033064

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.7	31.1
229	19.6	15.5	23.3

228 100

226 25.8 20.7 31.1

229 19.6 15.5 23.3

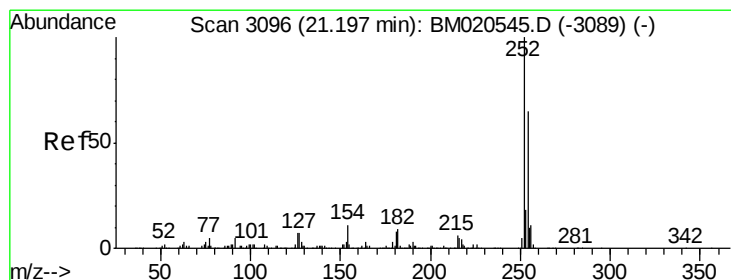
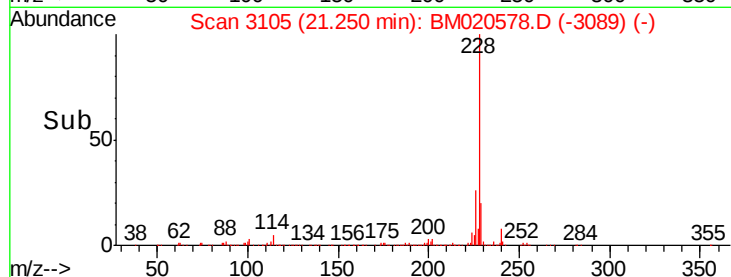
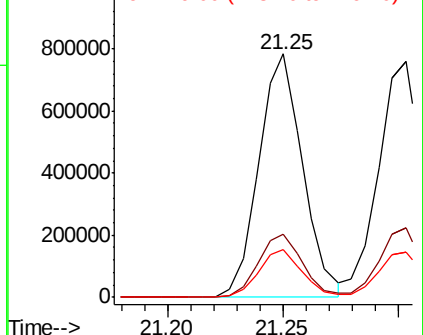


Abundance

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: 17.465 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

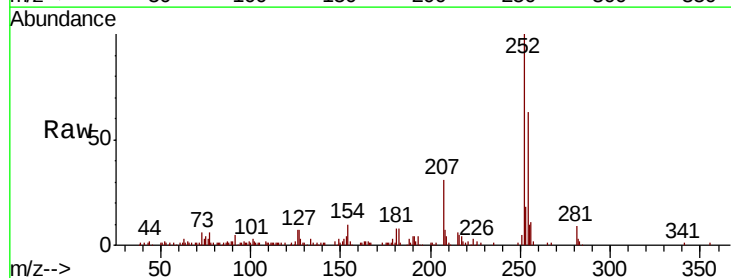
Tgt Ion:252 Resp: 160452

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.8	77.6
126	6.6	5.2	7.8

252 100

254 63.5 51.8 77.6

126 6.6 5.2 7.8

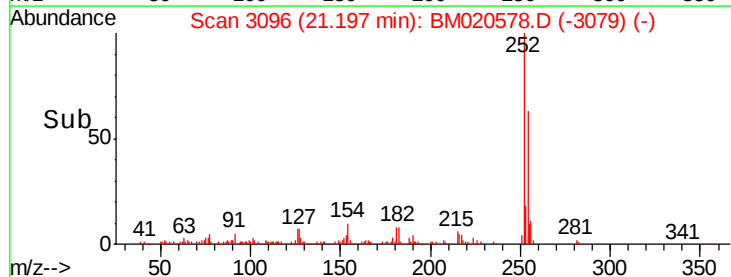
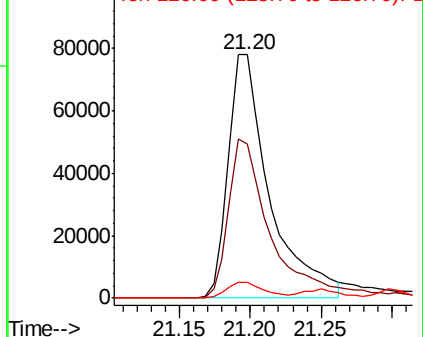


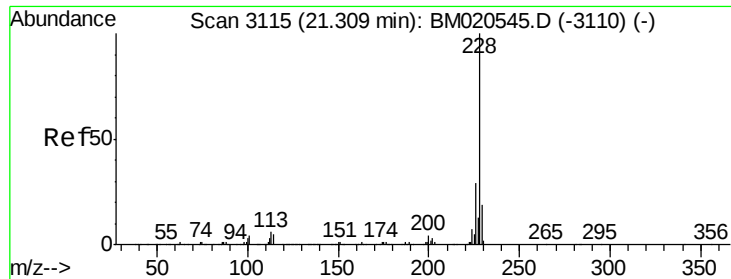
Abundance

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



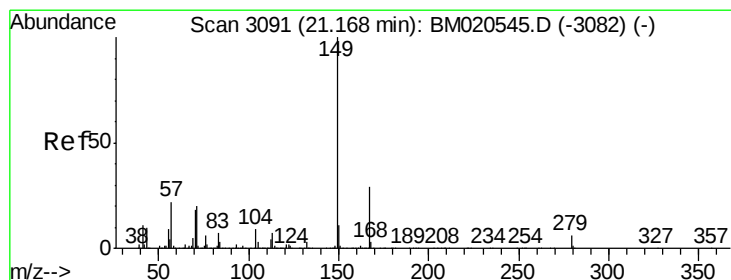
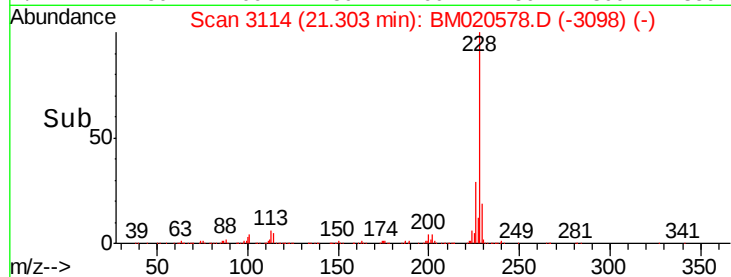
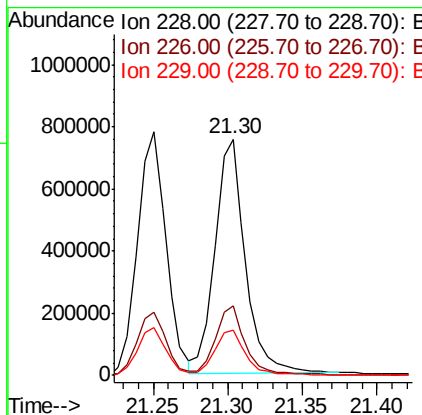
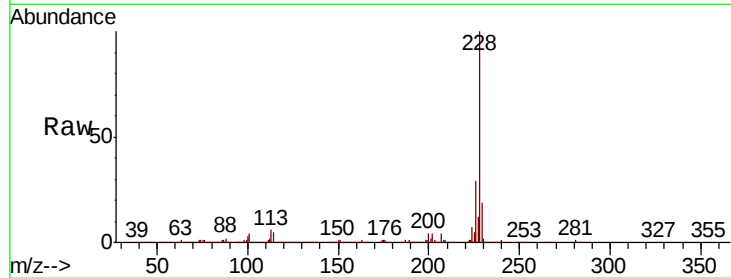


#83
 Chrysene
 Concen: 44.248 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1076161

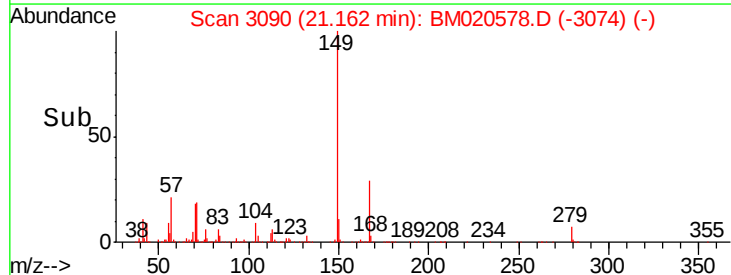
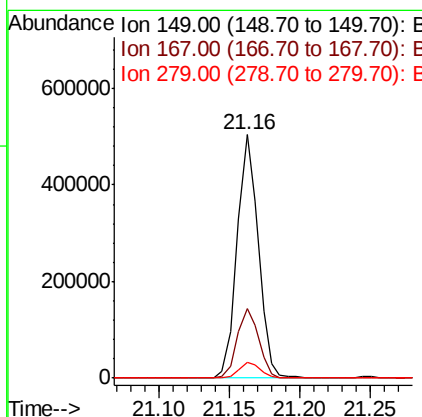
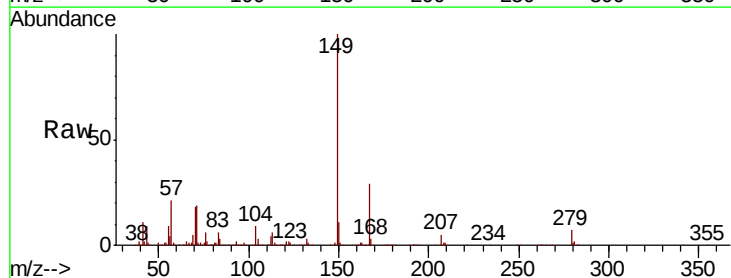
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.9	34.3
229	19.2	15.4	23.2

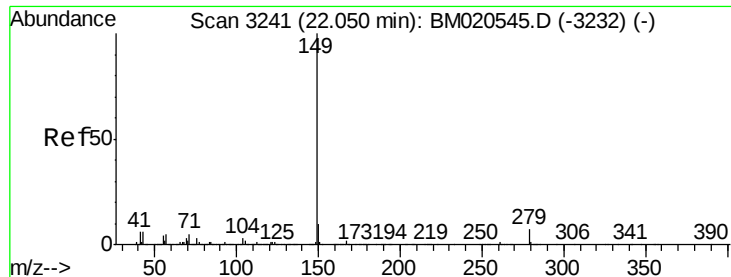


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.276 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM020578.D
 Acq: 28 May 2019 13:14

Tgt Ion:149 Resp: 529362

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	6.5	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 46.635 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

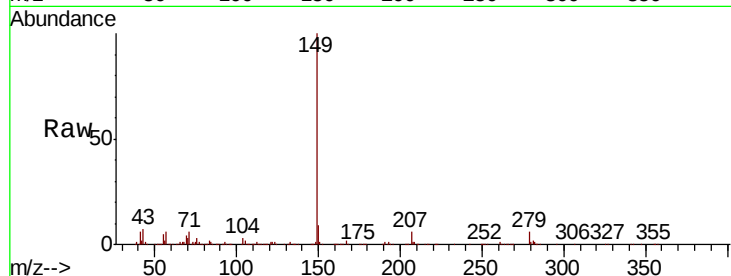
Tot Ion:149 Resp: 947887

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

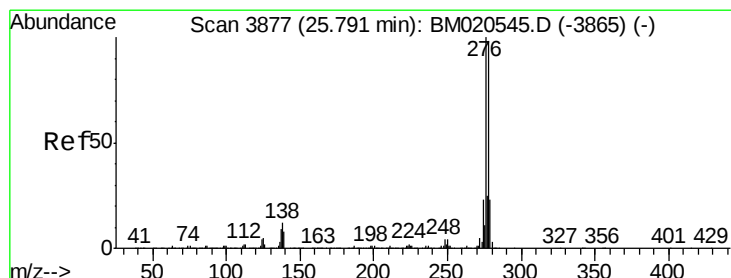
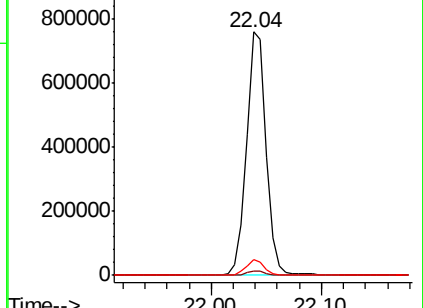
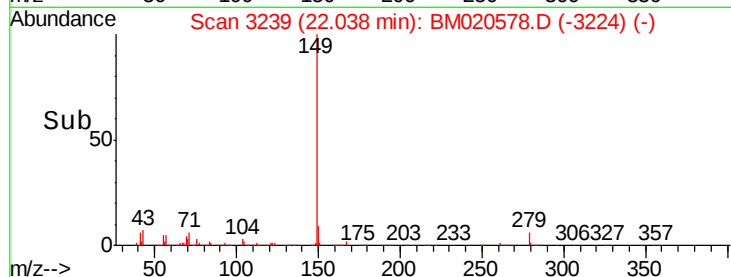
43 6.1 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.944 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

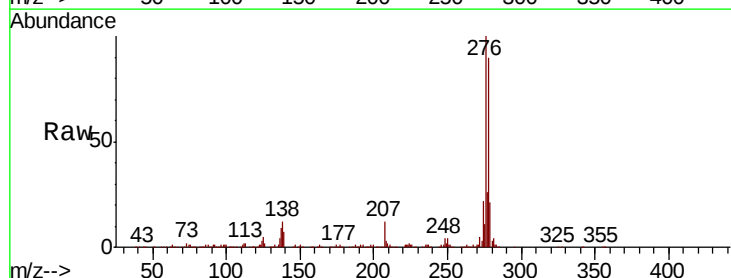
Tgt Ion:276 Resp: 1409885

Ion Ratio Lower Upper

276 100

138 12.0 9.7 14.5

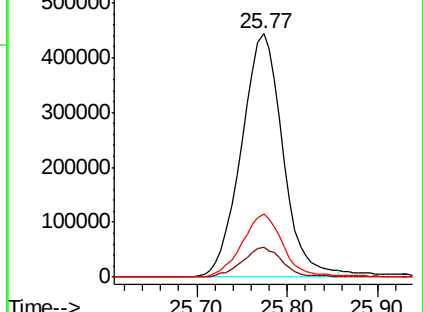
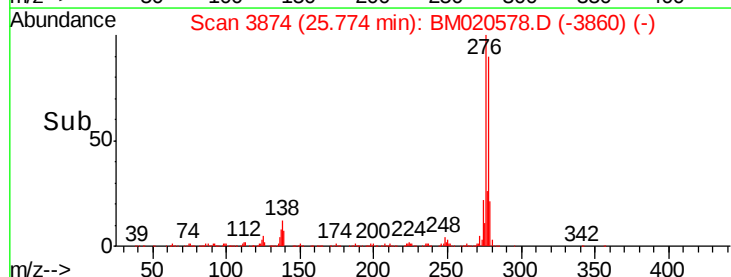
277 25.5 20.4 30.6

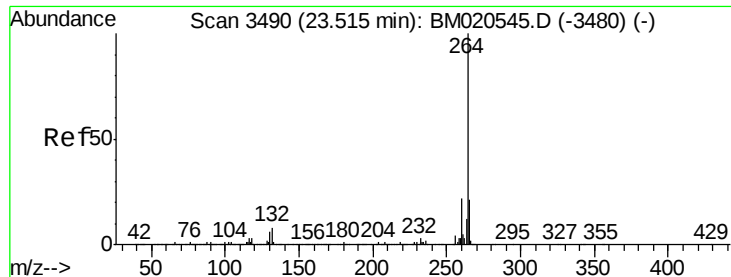


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Instrument :

BNA_M

ClientSampled :

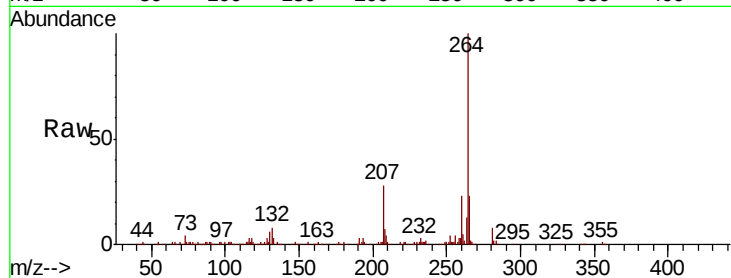
Tot Ion:264 Resp: 399932

Ion Ratio Lower Upper

264 100

260 23.5 17.7 26.5

265 22.7 17.4 26.2

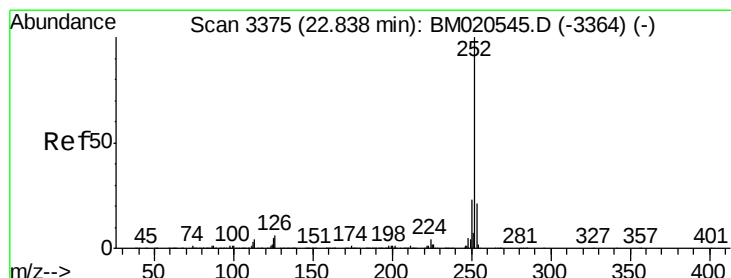
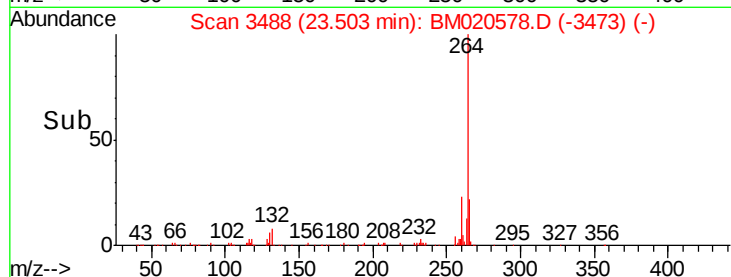
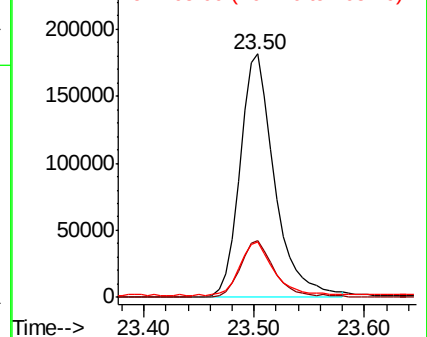


Abundance

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: 44.876 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

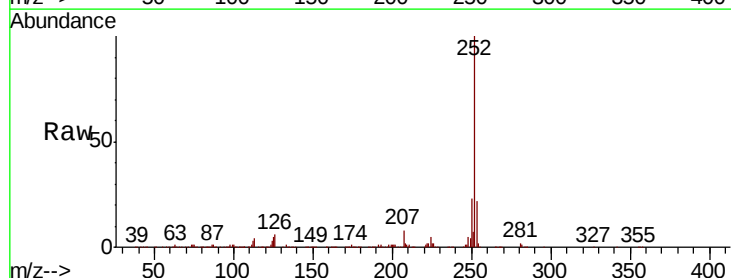
Tgt Ion:252 Resp: 1174679

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 4.7 3.8 5.8

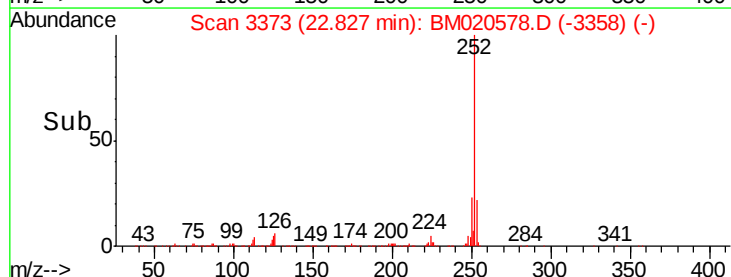
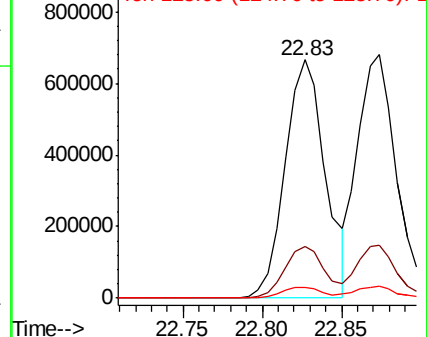


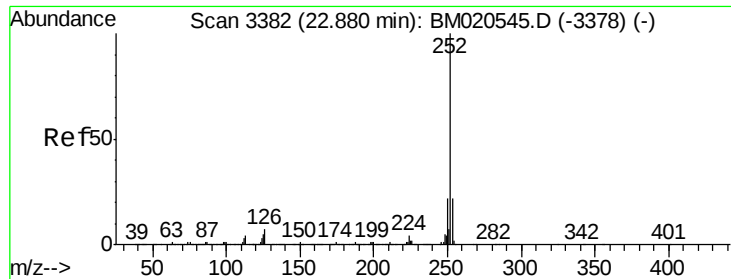
Abundance

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

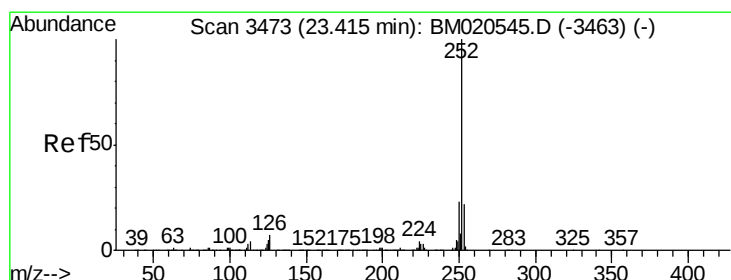
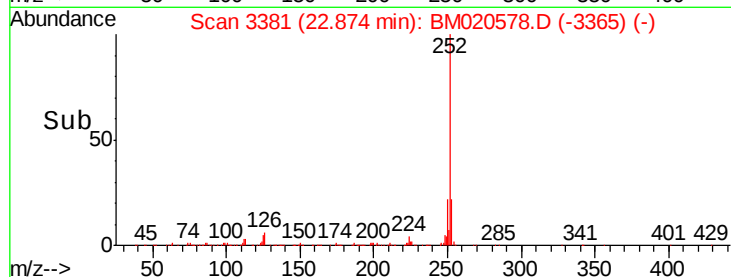
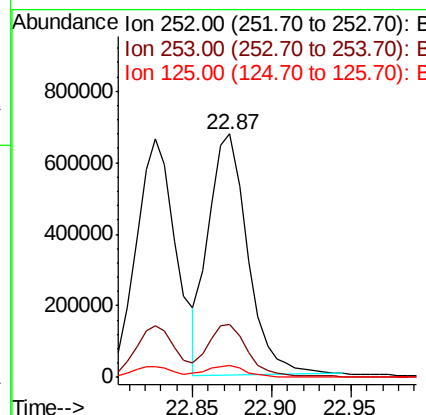
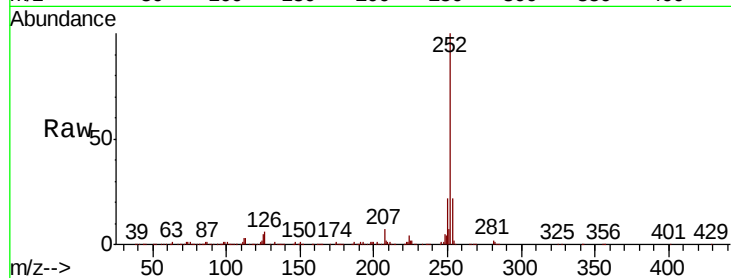




#89
Benzo(k)fluoranthene
Concen: 45.808 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

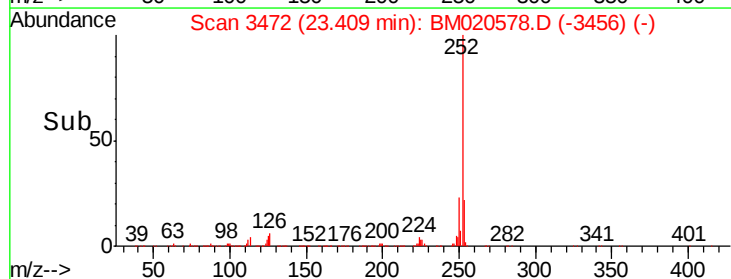
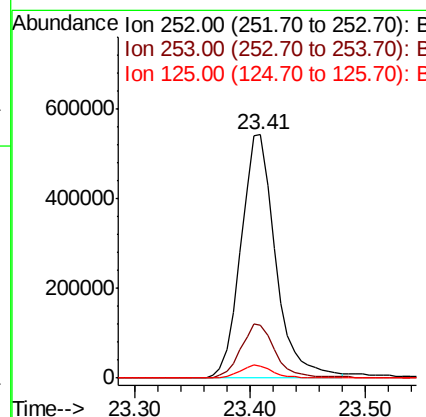
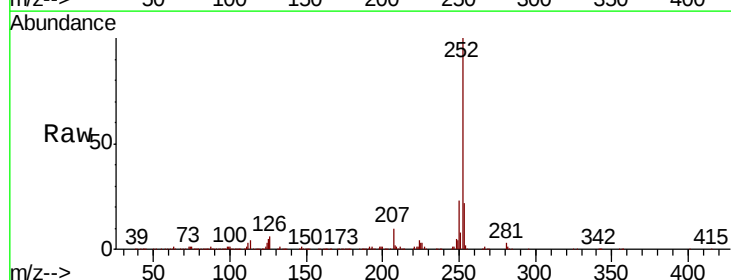
Instrument :
BNA_M
ClientSampled :

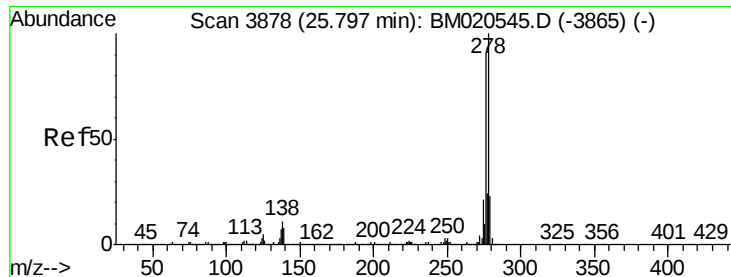
Tot Ion:252 Resp: 1163757
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 4.9 4.2 6.4



#90
Benzo(a)pyrene
Concen: 46.924 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM020578.D
Acq: 28 May 2019 13:14

Tgt Ion:252 Resp: 1130306
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.9 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 48.920 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.02 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

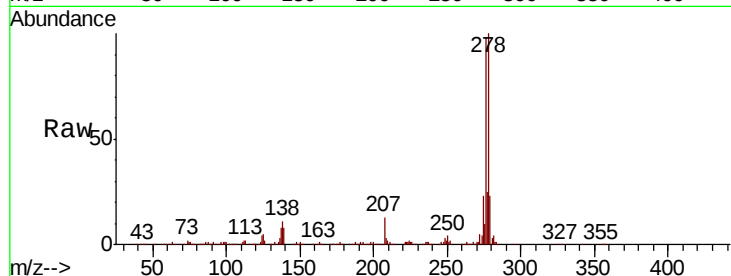
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 1206232

Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.3	9.5
279	23.4	18.3	27.5

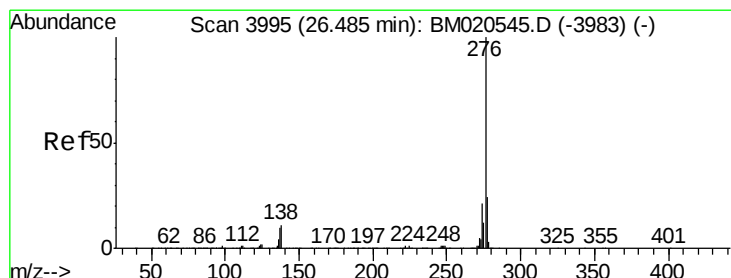
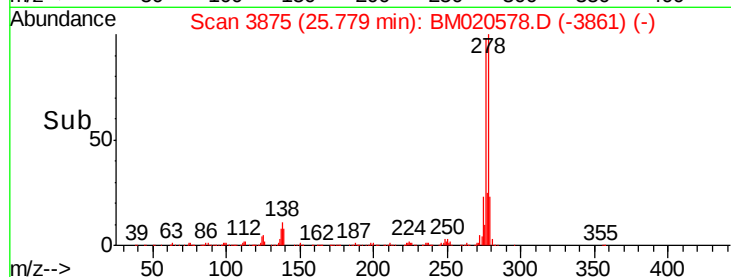
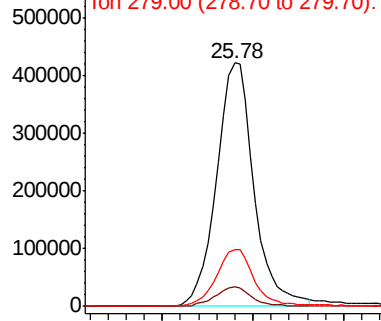


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 51.070 ng

RT: 26.47 min Scan# 3992

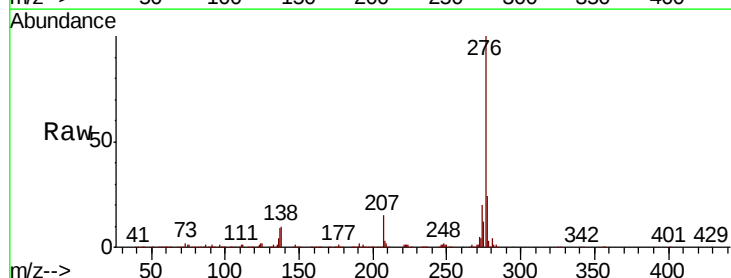
Delta R.T. -0.02 min

Lab File: BM020578.D

Acq: 28 May 2019 13:14

Tgt Ion:276 Resp: 1167283

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	9.9	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

