

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020604.D
 Acq On : 29 May 2019 17:59
 Operator : JU/SJ
 Sample : PB120010BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Quant Time: May 30 01:58:19 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	7.62	152	54895	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	187429	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	124438	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	296216	20.00	ng	-0.04
76) Chrysene-d12	21.24	240	319480	20.00	ng	-0.04
87) Perylene-d12	23.46	264	381815	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	374474	133.83	ng	-0.04
7) Phenol-d6	6.80	99	480855	113.85	ng	-0.04
23) Nitrobenzene-d5	8.80	82	377306	84.49	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	266059	106.72	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	845671	85.28	ng	-0.04
79) Terphenyl-d14	19.67	244	1481249	83.82	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	60654	41.423	ng	96
3) Pyridine	3.53	79	133495	31.220	ng	97
4) n-Nitrosodimethylamine	3.46	42	38108	36.699	ng	# 81
6) Aniline	6.96	93	132702	21.721	ng	97
8) 2-Chlorophenol	7.19	128	125257	36.607	ng	99
9) Benzaldehyde	6.78	77	139862	51.872	ng	97
10) Phenol	6.83	94	163409	35.830	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	104467	30.695	ng	100
12) 1,3-Dichlorobenzene	7.51	146	144590	32.997	ng	98
13) 1,4-Dichlorobenzene	7.66	146	143754	32.821	ng	98
14) 1,2-Dichlorobenzene	7.97	146	145322	33.095	ng	98
15) Benzyl Alcohol	7.88	79	92820	23.751	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.14	45	70660	29.788	ng	95
17) 2-Methylphenol	8.07	107	95383	31.679	ng	96
18) Hexachloroethane	8.68	117	60146	33.899	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	109221	29.124	ng	98
20) 3+4-Methylphenols	8.40	107	125126	30.989	ng	98
22) Acetophenone	8.46	105	178895	34.661	ng	99
24) Nitrobenzene	8.84	77	162409	36.827	ng	96
25) Isophorone	9.36	82	290239	34.931	ng	100
26) 2-Nitrophenol	9.55	139	55009	33.805	ng	97
27) 2,4-Dimethylphenol	9.60	122	95478	39.388	ng	96
28) bis(2-Chloroethoxy)methane	9.84	93	138032	31.913	ng	99
29) 2,4-Dichlorophenol	10.07	162	117398	36.414	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	162136	36.781	ng	96
31) Naphthalene	10.46	128	348841	36.046	ng	99
32) Benzoic acid	9.72	122	4629	12.314	ng	89
33) 4-Chloroaniline	10.60	127	55042	14.250	ng	96
34) Hexachlorobutadiene	10.72	225	127124	38.788	ng	99
35) Caprolactam	11.40	113	25792	24.308	ng	97
36) 4-Chloro-3-methylphenol	11.72	107	110149	31.396	ng	97
37) 2-Methylnaphthalene	12.09	142	252528	34.156	ng	97
38) 1-Methylnaphthalene	12.30	142	243060	33.931	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	210266	40.196	ng	99

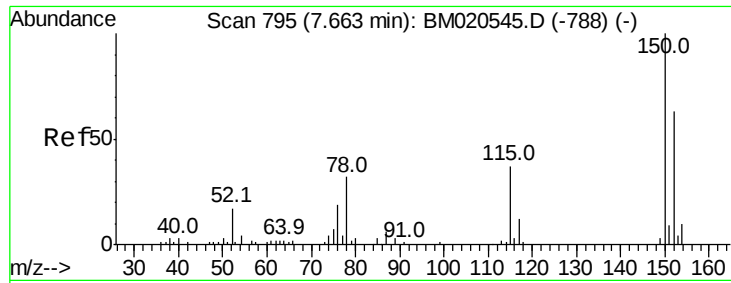
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	133069	54.814	ng	95
43) 2,4,6-Trichlorophenol	12.71	196	116102	35.865	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	107612	35.598	ng	96
46) 1,1'-Biphenyl	13.11	154	348512	36.365	ng	100
47) 2-Chloronaphthalene	13.16	162	284147	34.975	ng	98
48) 2-Nitroaniline	13.39	65	62704	27.272	ng	88
49) Acenaphthylene	14.01	152	431395	34.917	ng	100
50) Dimethylphthalate	13.75	163	362683	32.905	ng	99
51) 2,6-Dinitrotoluene	13.89	165	75140	32.709	ng	87
52) Acenaphthene	14.35	154	255797	34.357	ng	98
53) 3-Nitroaniline	14.23	138	29839	18.457	ng	94
54) 2,4-Dinitrophenol	14.45	184	38006	32.858	ng	95
55) Dibenzofuran	14.69	168	447273	34.716	ng	98
56) 4-Nitrophenol	14.55	139	66697	47.920	ng	98
57) 2,4-Dinitrotoluene	14.68	165	98689	29.749	ng	# 87
58) Fluorene	15.34	166	351695	32.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	123127	35.003	ng	98
60) Diethylphthalate	15.12	149	344274	31.702	ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	231953	33.948	ng	99
62) 4-Nitroaniline	15.40	138	34106	17.662	ng	91
63) Azobenzene	15.63	77	355153	33.609	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	41433	25.501	ng	94
66) n-Nitrosodiphenylamine	15.56	169	295516	36.793	ng	99
67) 4-Bromophenyl-phenylether	16.23	248	143998	36.491	ng	97
68) Hexachlorobenzene	16.33	284	173503	36.264	ng	100
69) Atrazine	16.52	200	113965	34.487	ng	98
70) Pentachlorophenol	16.69	266	185300	74.980	ng	99
71) Phenanthrene	17.08	178	547979	34.053	ng	100
72) Anthracene	17.17	178	518718	33.239	ng	100
73) Carbazole	17.46	167	410751	30.670	ng	99
74) Di-n-butylphthalate	18.00	149	524335	31.827	ng	99
75) Fluoranthene	19.10	202	690961	30.877	ng	99
77) Benzidine	19.32	184	466295	79.420	ng	100
78) Pyrene	19.47	202	707730	35.286	ng	100
80) Butylbenzylphthalate	20.37	149	214725	30.469	ng	99
81) Benzo(a)anthracene	21.22	228	726747	32.867	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	210663	26.103	ng	100
83) Chrysene	21.27	228	745459	34.890	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	319175	31.075	ng	99
85) Di-n-octyl phthalate	22.02	149	571959	32.032	ng	100
86) Indeno(1,2,3-cd)pyrene	25.71	276	1016840	39.361	ng	99
88) Benzo(b)fluoranthene	22.79	252	846682	33.880	ng	99
89) Benzo(k)fluoranthene	22.83	252	838752	34.582	ng	99
90) Benzo(a)pyrene	23.37	252	836645	36.381	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	914427	38.846	ng	98
92) Benzo(g,h,i)perylene	26.40	276	855803	39.219	ng	98

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

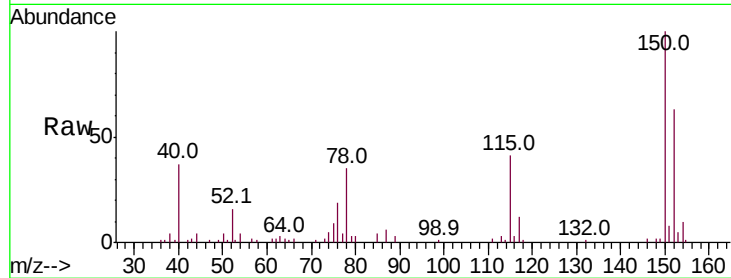


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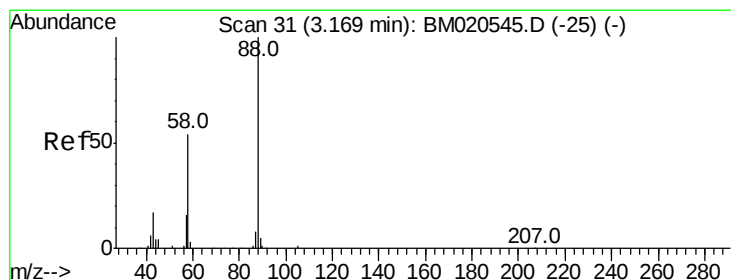
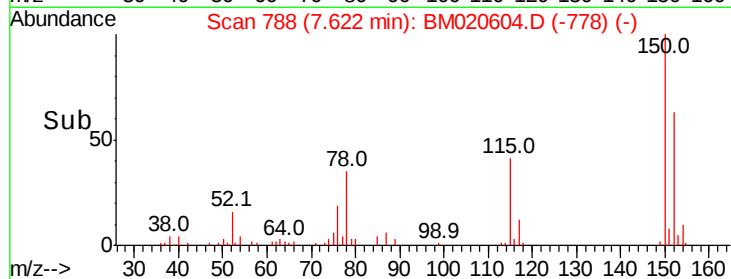
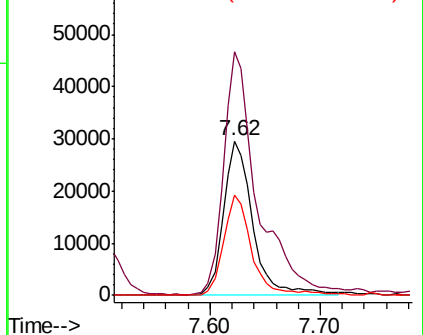
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.62 min Scan# 788
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion:152 Resp: 54895
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 190.0
 115 64.6 46.6 70.0



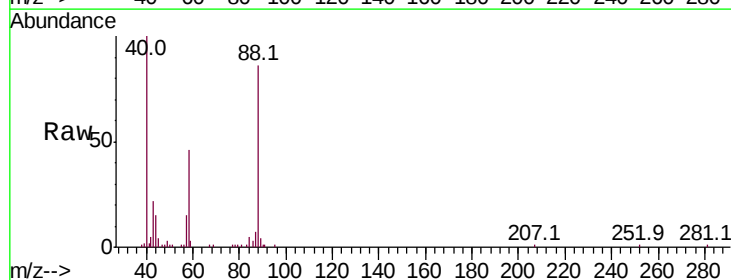
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



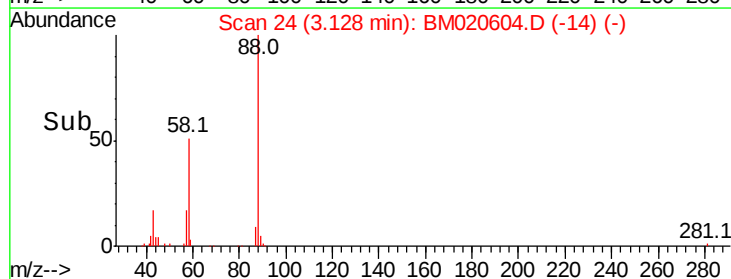
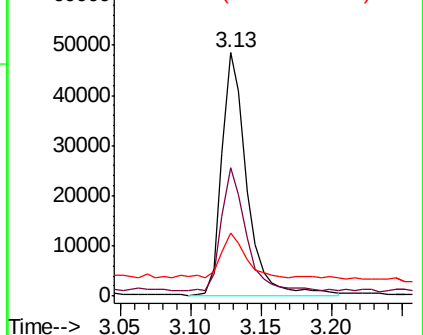
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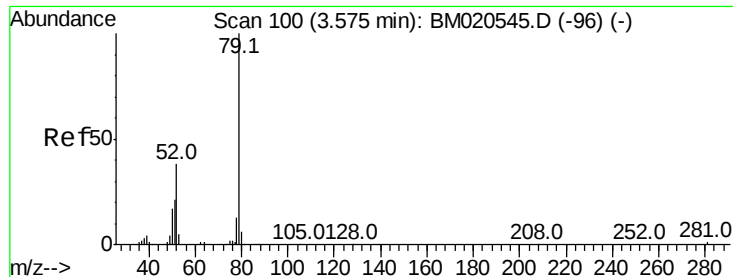
1,4-Dioxane
 Concen: 41.423 ng
 RT: 3.13 min Scan# 24
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion: 88 Resp: 60654
 Ion Ratio Lower Upper
 88 100
 58 49.1 42.3 63.5
 43 19.2 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: 31.220 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

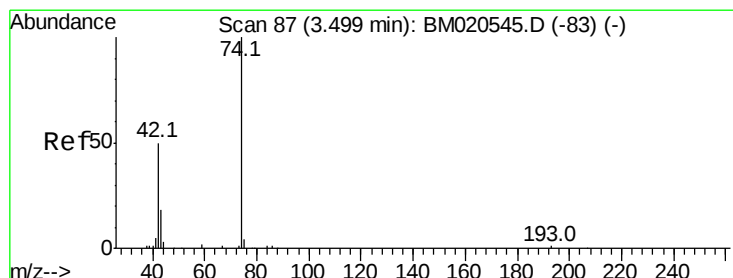
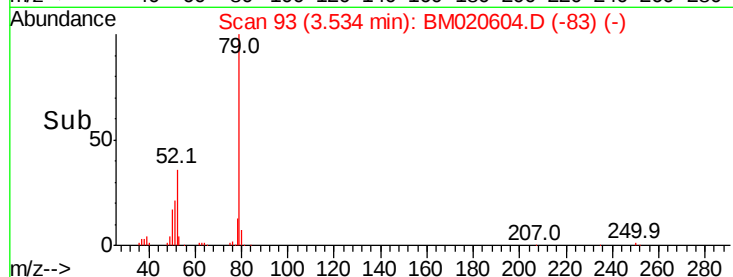
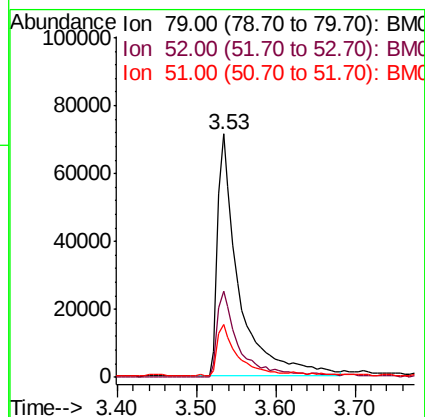
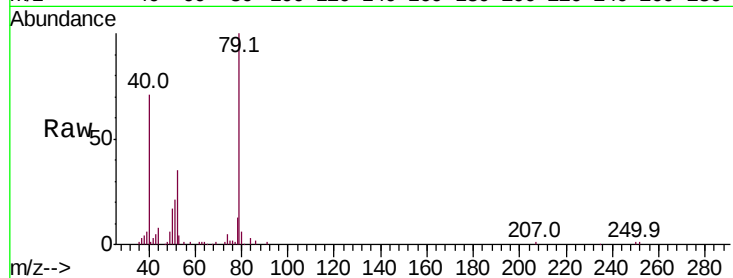
Tot Ion: 79 Resp: 133495

Ion Ratio Lower Upper

79 100

52 35.4 30.1 45.1

51 21.5 17.8 26.8



#4

n-Nitrosodimethylamine

Concen: 36.699 ng

RT: 3.46 min Scan# 80

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

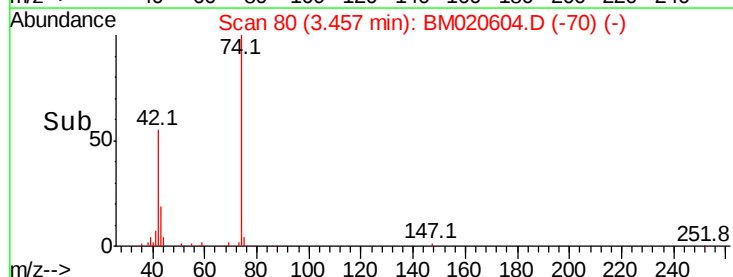
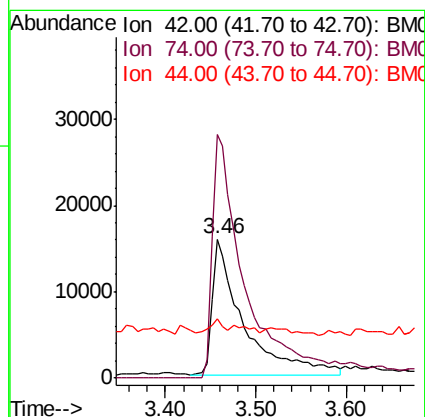
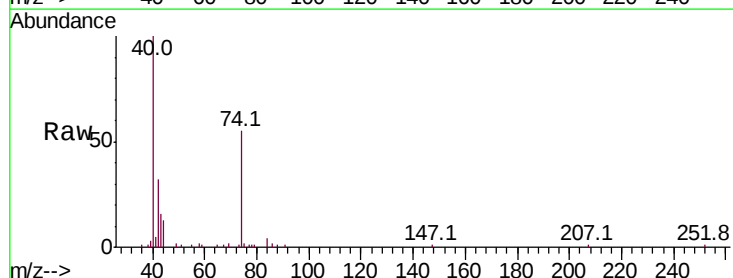
Tgt Ion: 42 Resp: 38108

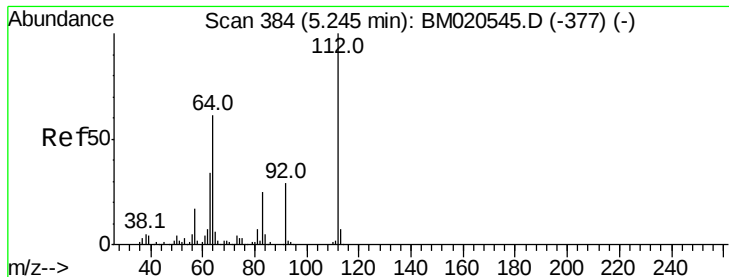
Ion Ratio Lower Upper

42 100

74 174.8 161.1 241.7

44 42.2 20.9 31.3#





#5

2-Fluorophenol

Concen: 133.828 ng

RT: 5.20 min Scan# 377

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

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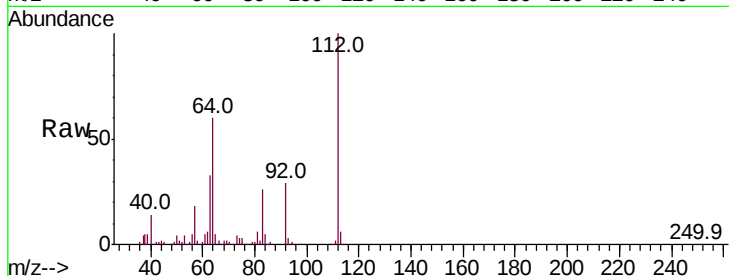
Tot Ion:112 Resp: 374474

Ion Ratio Lower Upper

112 100

64 60.5 48.6 73.0

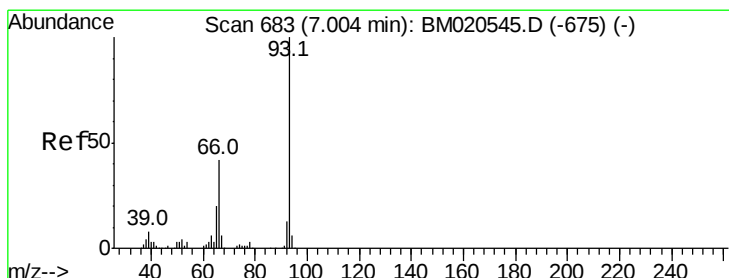
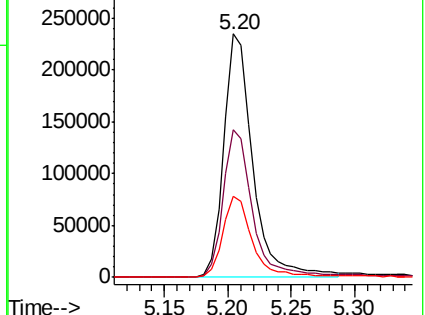
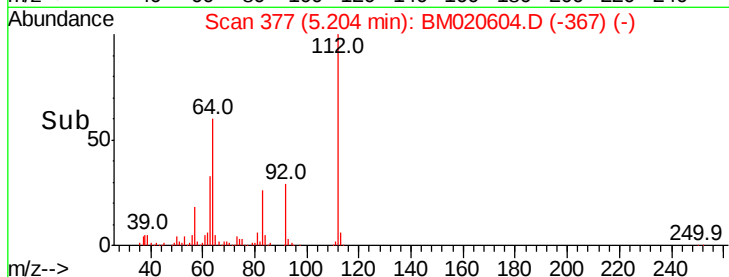
63 33.5 27.4 41.0



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: 21.721 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

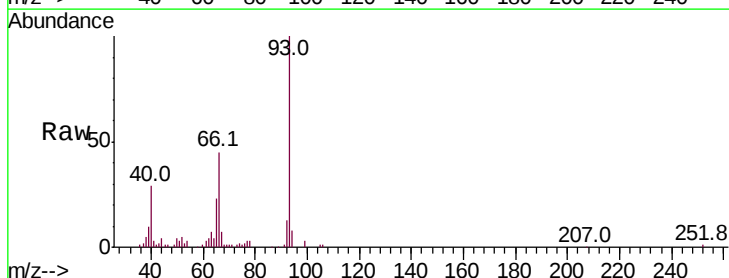
Tgt Ion: 93 Resp: 132702

Ion Ratio Lower Upper

93 100

66 44.5 34.5 51.7

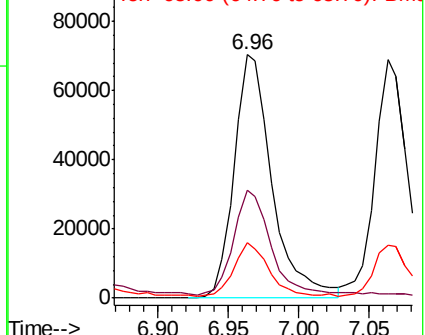
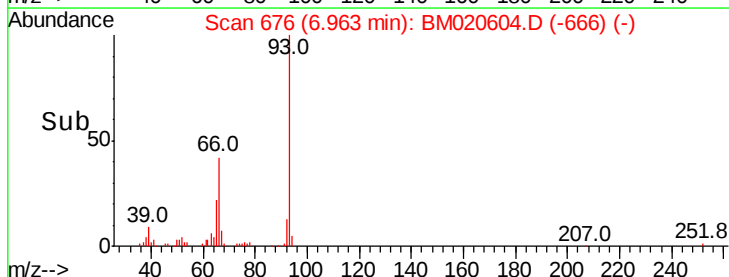
65 22.6 16.2 24.2

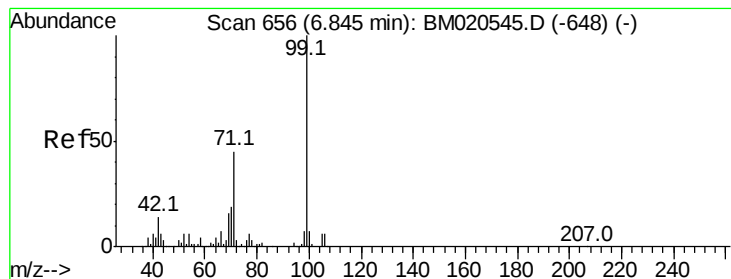


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 113.855 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.04 min

Lab File: BM020604.D

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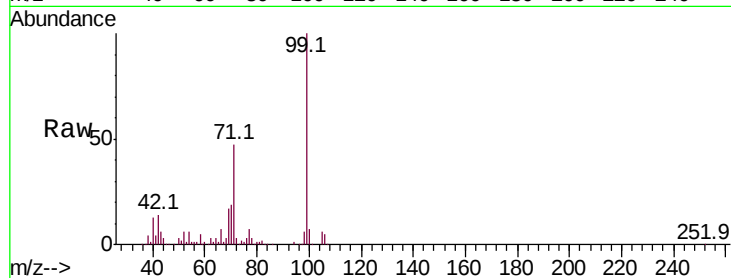
Tot Ion: 99 Resp: 480855

Ion Ratio Lower Upper

99 100

42 13.9 10.8 16.2

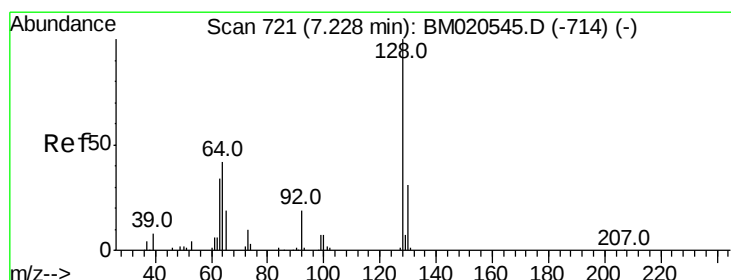
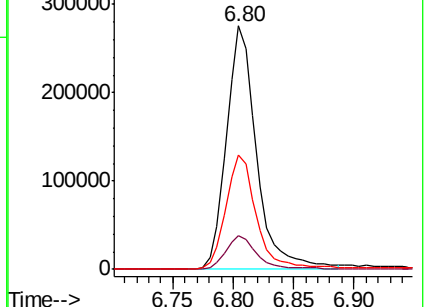
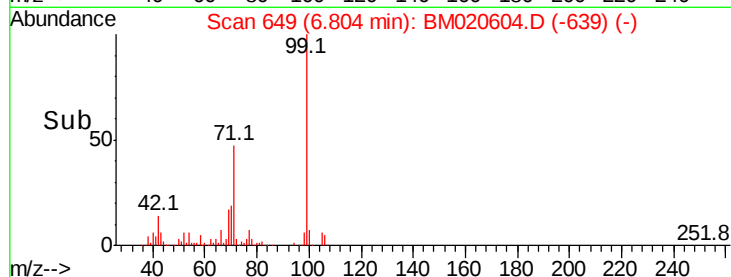
71 47.0 36.3 54.5



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

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

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



#8

2-Chlorophenol

Concen: 36.607 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

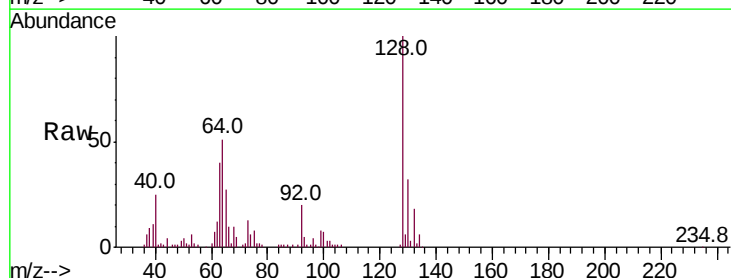
Tgt Ion: 128 Resp: 125257

Ion Ratio Lower Upper

128 100

130 32.4 11.2 51.2

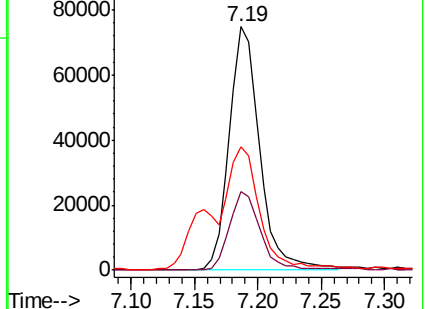
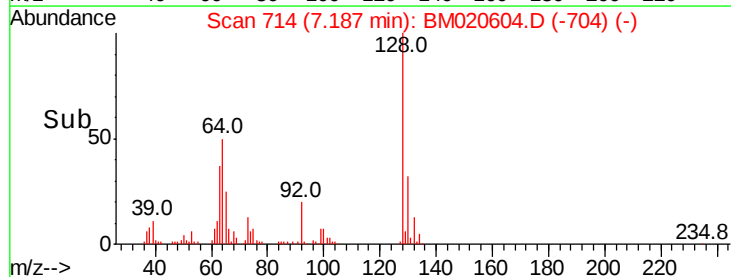
64 50.6 31.1 71.1

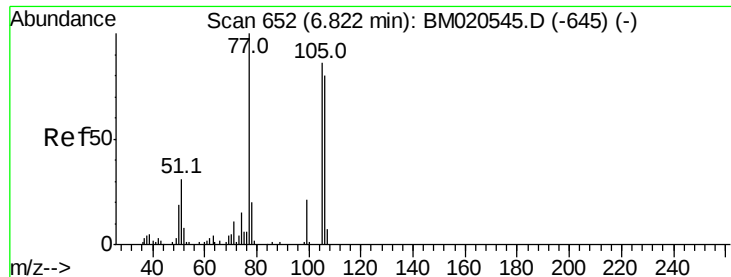


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

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: 51.872 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

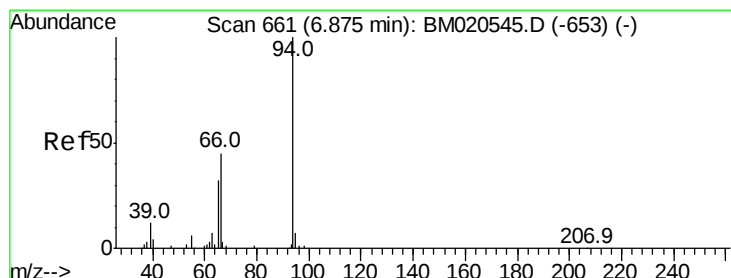
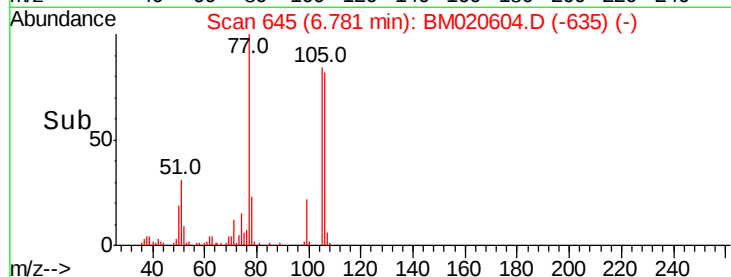
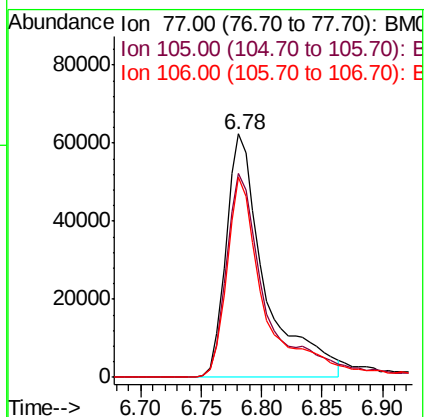
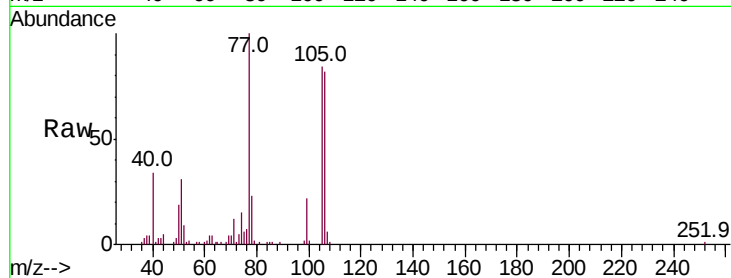
Tot Ion: 77 Resp: 139862

Ion Ratio Lower Upper

77 100

105 83.8 66.1 106.1

106 82.3 60.0 100.0



#10

Phenol

Concen: 35.830 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

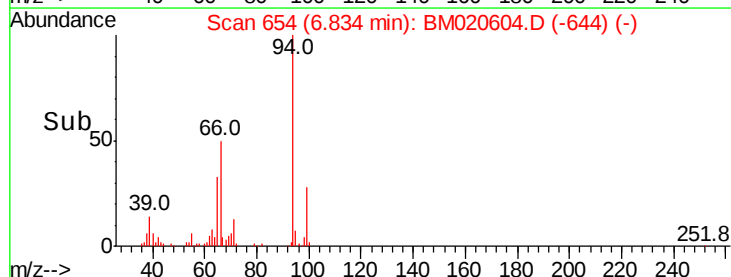
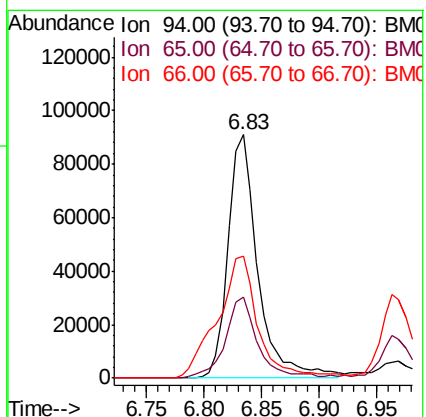
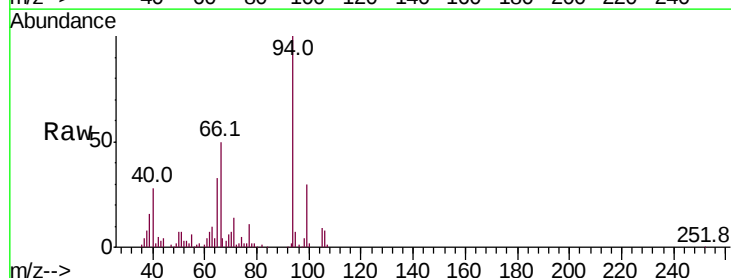
Tgt Ion: 94 Resp: 163409

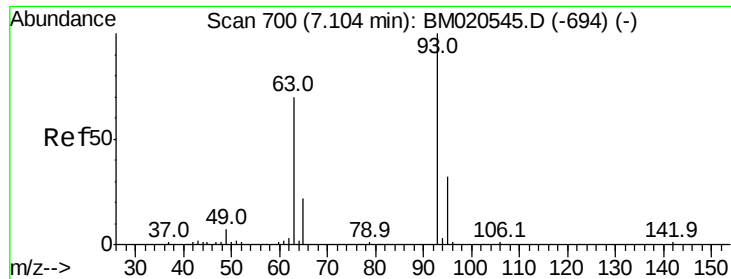
Ion Ratio Lower Upper

94 100

65 33.2 12.4 52.4

66 49.9 27.4 67.4

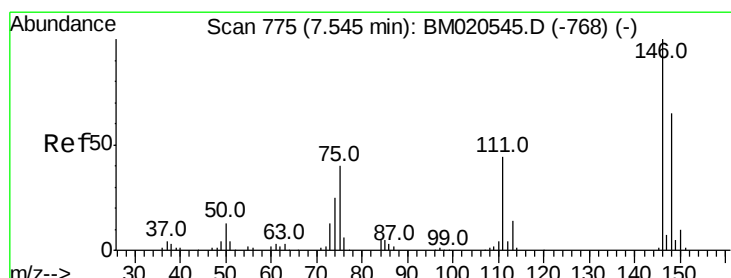
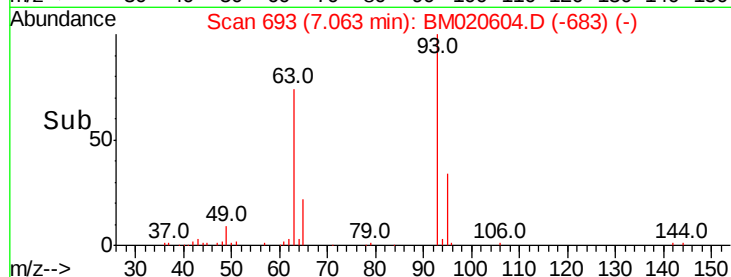
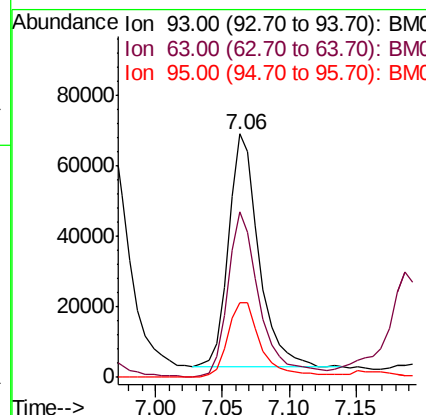
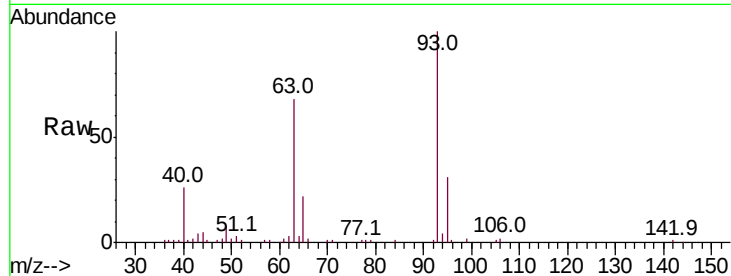




#11
bis(2-Chloroethyl)ether
Concen: 30.695 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

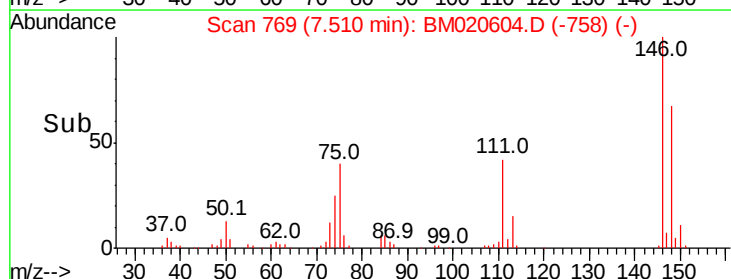
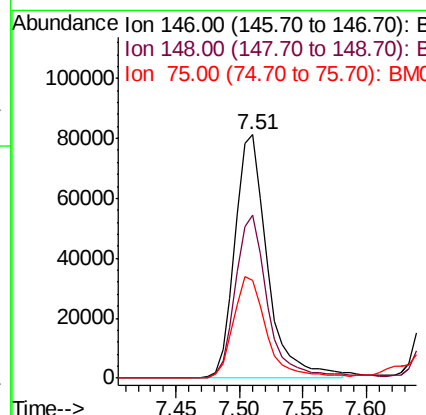
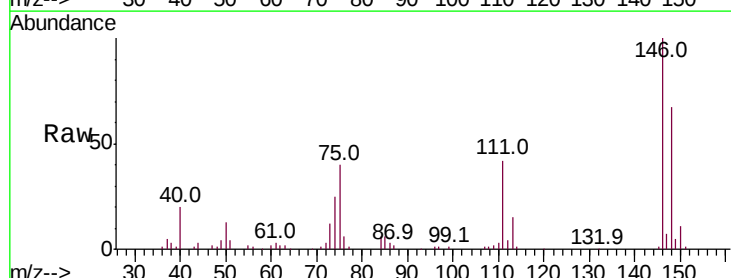
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

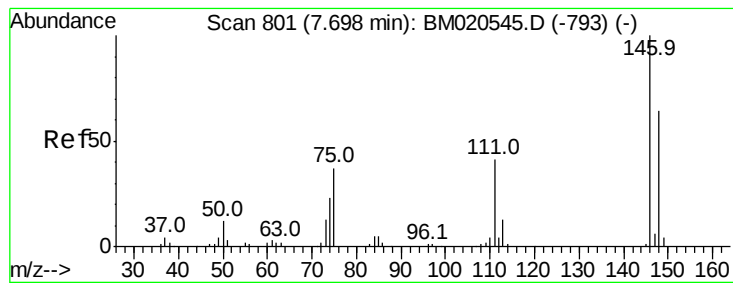
Tot Ion: 93 Resp: 104467
Ion Ratio Lower Upper
93 100
63 68.0 47.6 87.6
95 30.7 10.9 50.9



#12
1,3-Dichlorobenzene
Concen: 32.997 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion: 146 Resp: 144590
Ion Ratio Lower Upper
146 100
148 66.7 51.9 77.9
75 39.9 31.6 47.4





#13

1,4-Dichlorobenzene

Concen: 32.821 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

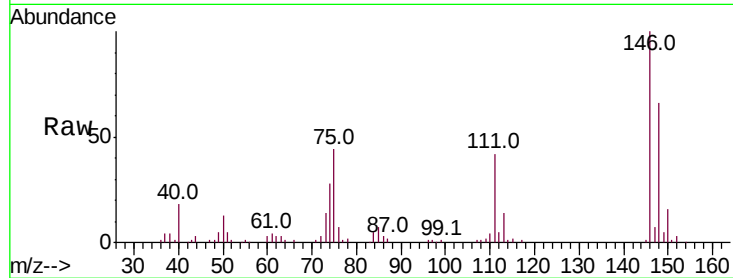
Tot Ion:146 Resp: 143754

Ion Ratio Lower Upper

146 100

148 66.3 51.1 76.7

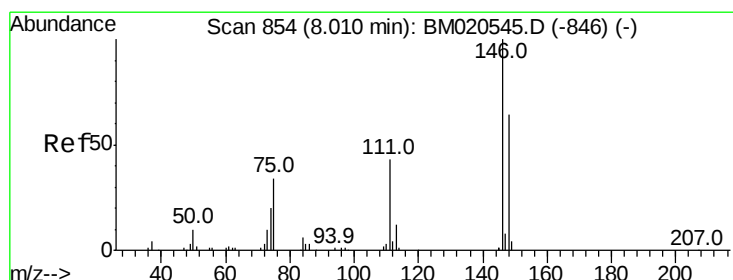
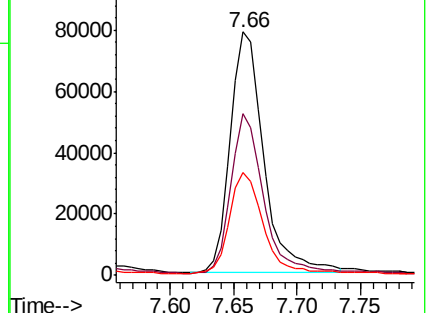
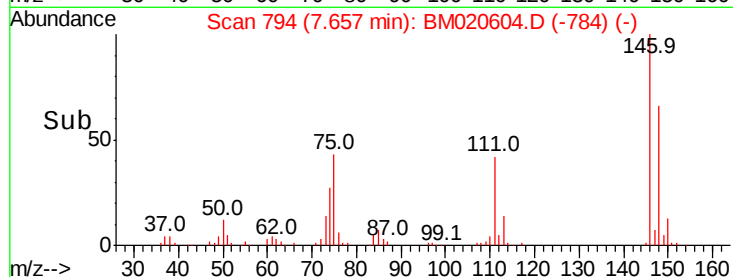
111 42.2 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.095 ng

RT: 7.97 min Scan# 847

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

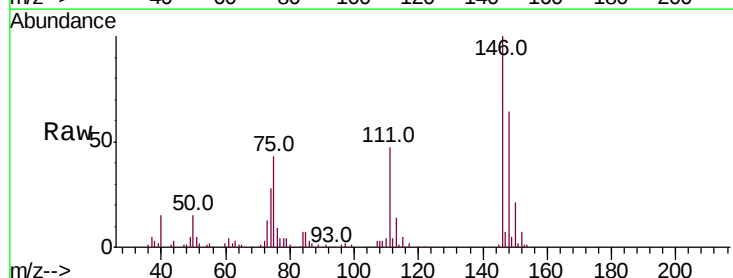
Tgt Ion:146 Resp: 145322

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

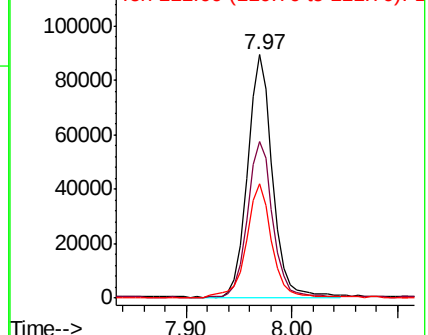
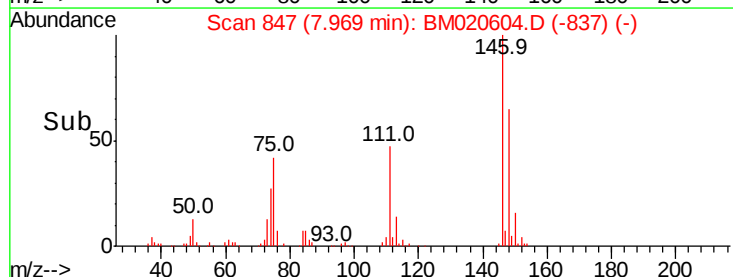
111 46.9 35.2 52.8

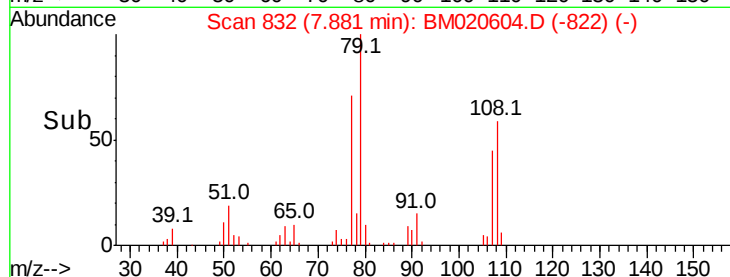
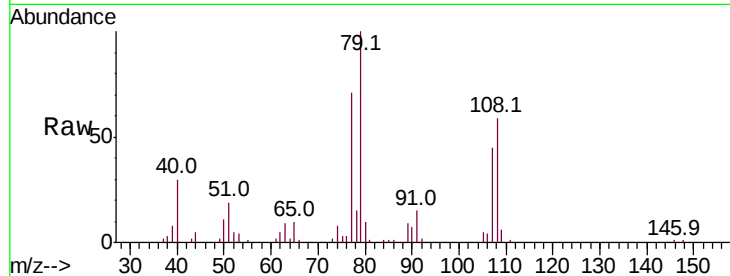
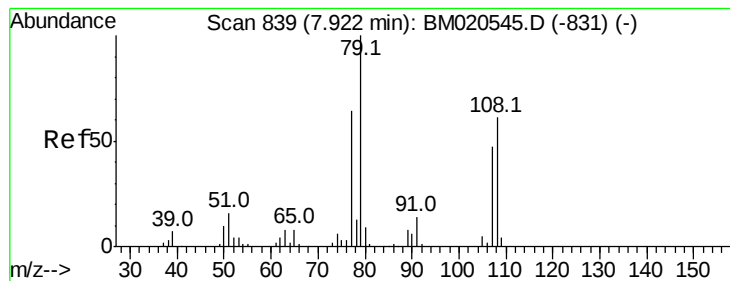


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.751 ng

RT: 7.88 min Scan# 832

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

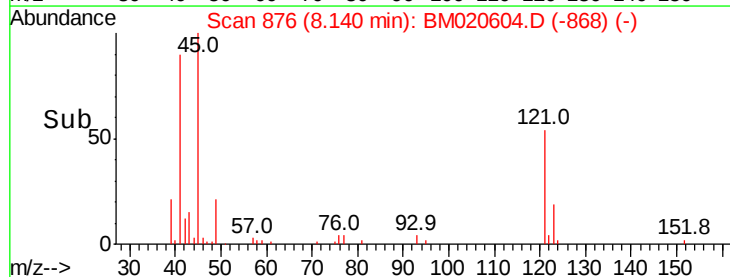
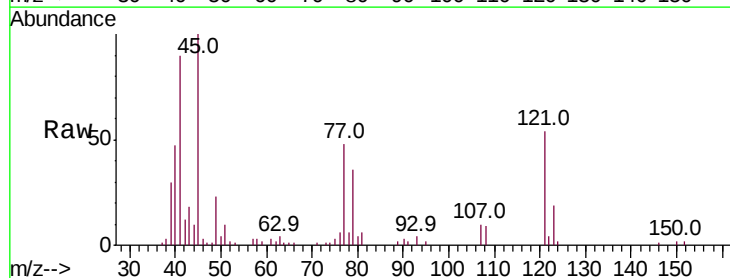
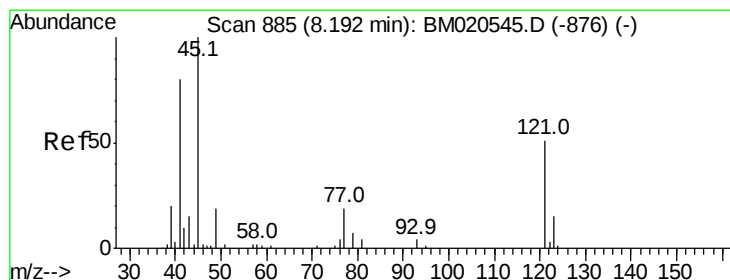
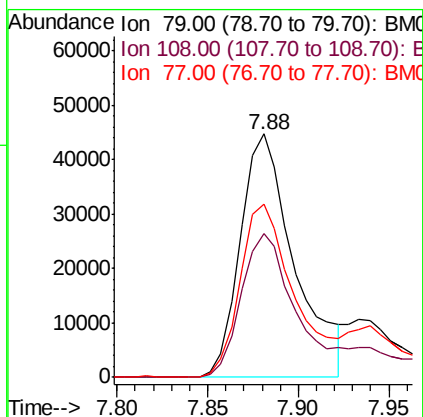
Tot Ion: 79 Resp: 92820

Ion Ratio Lower Upper

79 100

108 59.0 48.5 72.7

77 71.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.788 ng

RT: 8.14 min Scan# 876

Delta R.T. -0.05 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

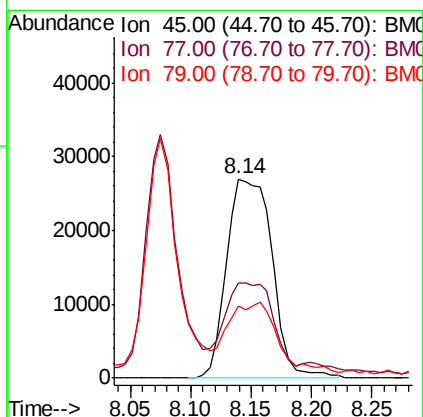
Tgt Ion: 45 Resp: 70660

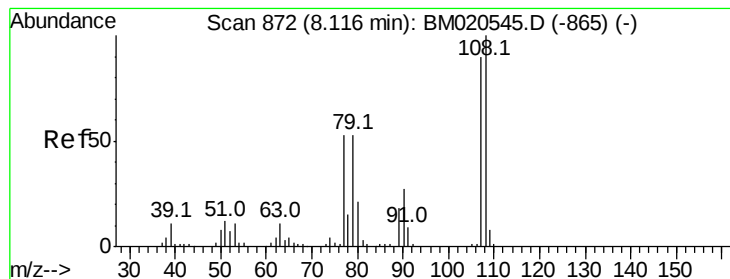
Ion Ratio Lower Upper

45 100

77 48.0 25.0 65.0

79 36.3 13.1 53.1





#17

2-Methylphenol

Concen: 31.679 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

Tot Ion:107 Resp: 95383

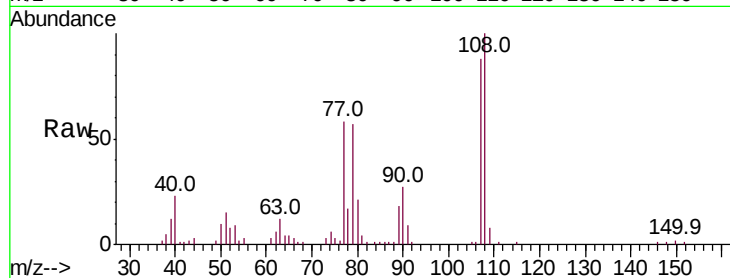
Ion Ratio Lower Upper

107 100

108 113.0 89.4 134.2

77 65.2 48.2 72.4

79 64.3 48.4 72.6

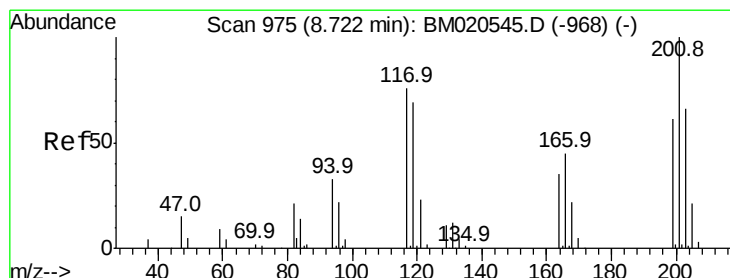
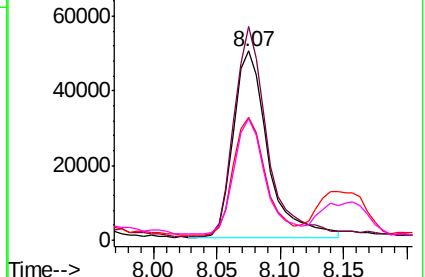
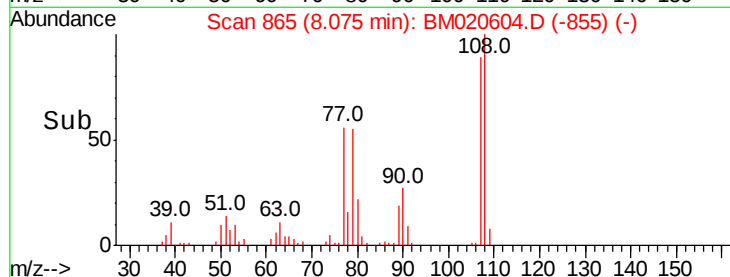


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.899 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

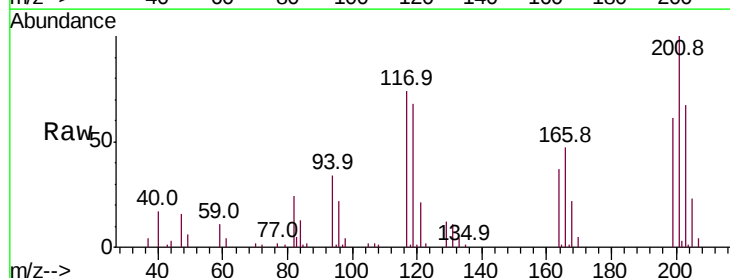
Tgt Ion:117 Resp: 60146

Ion Ratio Lower Upper

117 100

119 92.3 73.2 109.8

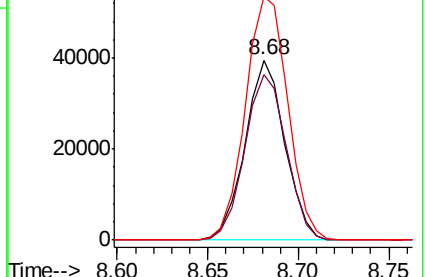
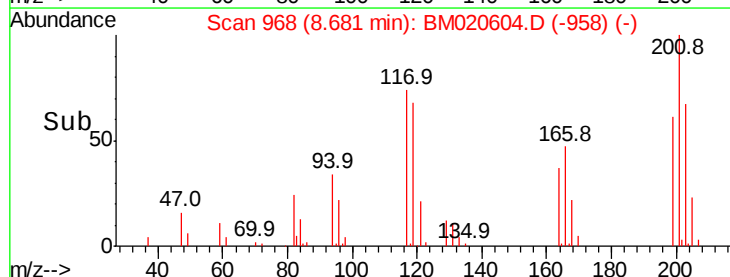
201 135.2 105.8 158.8

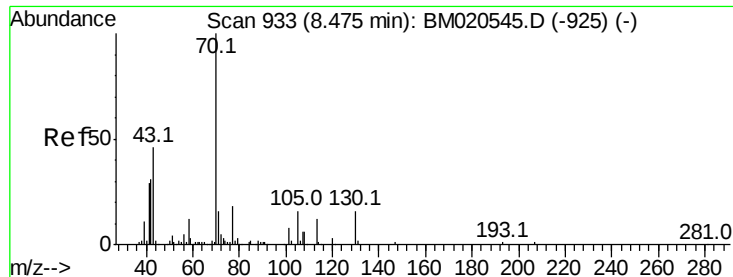


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.124 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

Tot Ion: 70 Resp: 109221

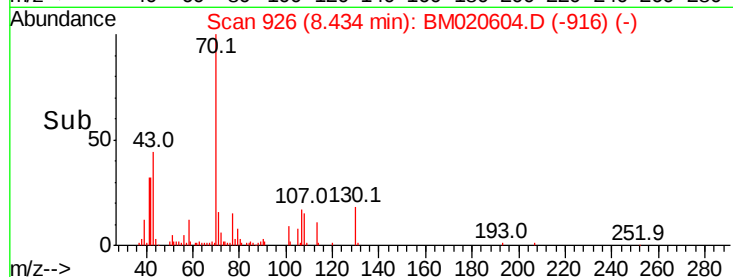
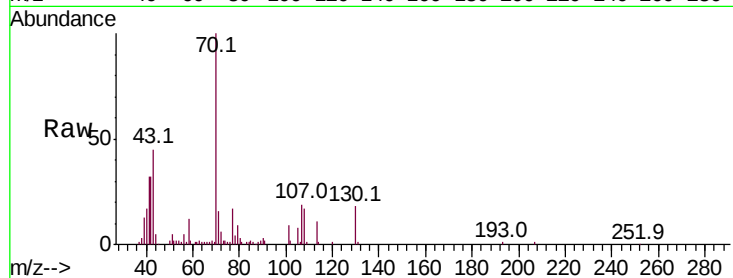
Ion Ratio Lower Upper

70 100

42 31.8 24.7 37.1

101 8.7 6.8 10.2

130 17.7 13.1 19.7



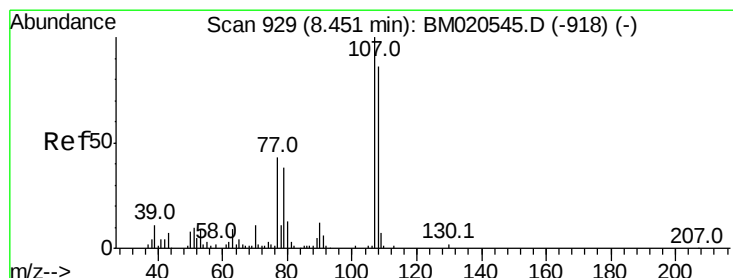
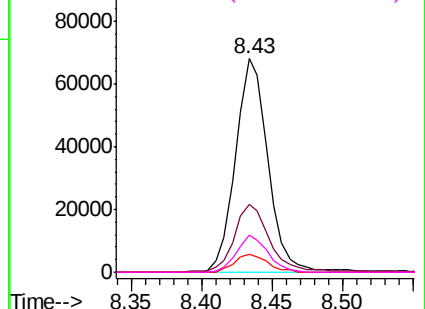
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 30.989 ng

RT: 8.40 min Scan# 921

Delta R.T. -0.05 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:107 Resp: 125126

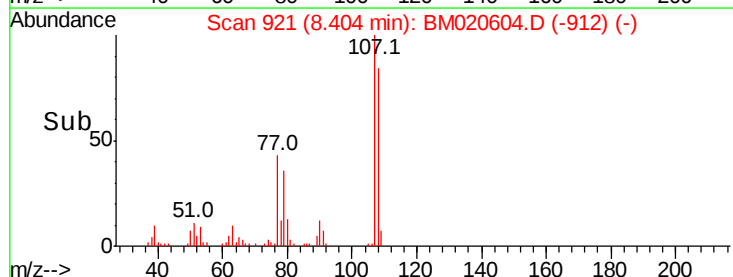
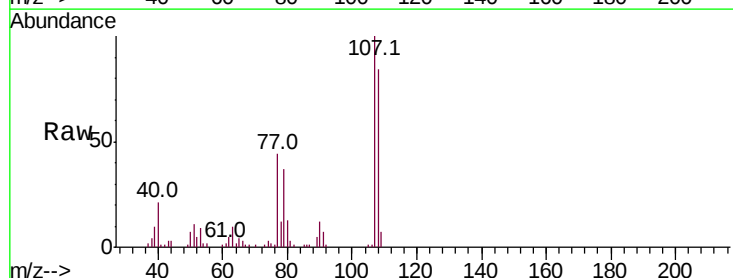
Ion Ratio Lower Upper

107 100

108 84.4 66.5 106.5

77 43.8 23.0 63.0

79 37.2 18.2 58.2



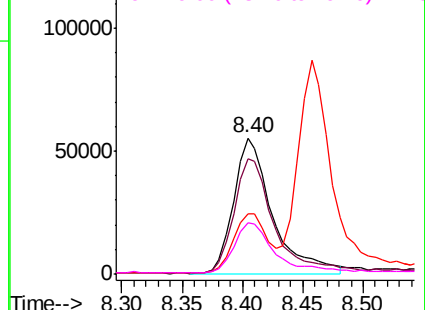
Abundance

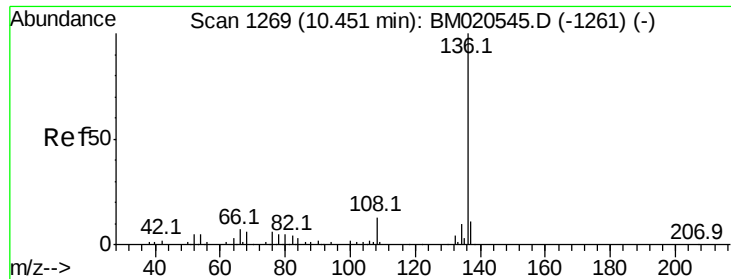
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

Tot Ion:136 Resp: 187429

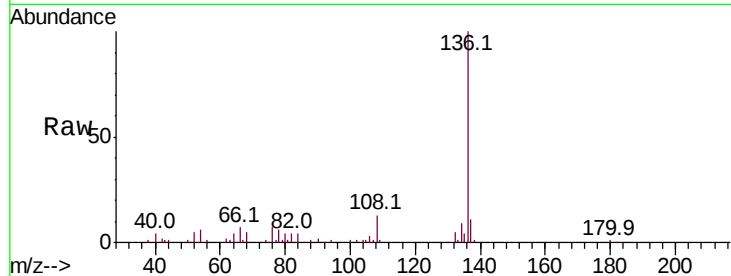
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 5.8 4.2 6.4

68 5.0 4.6 7.0

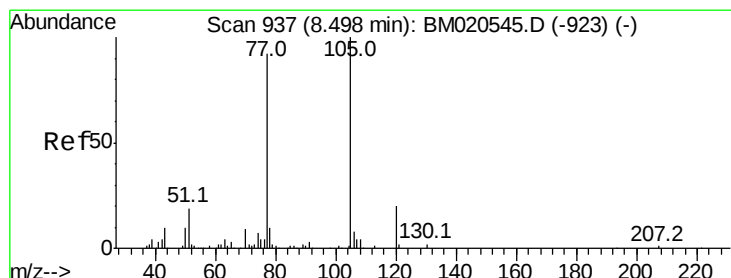
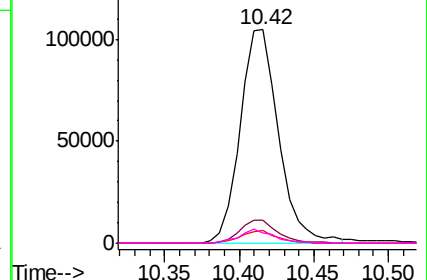
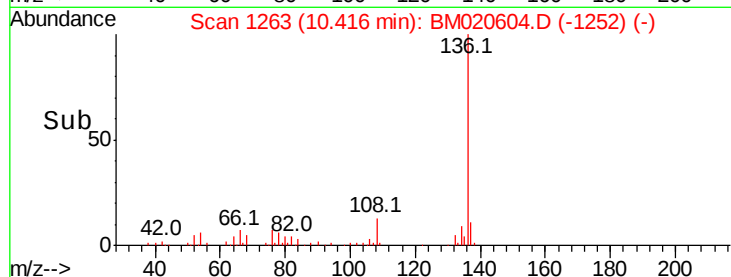


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.661 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:105 Resp: 178895

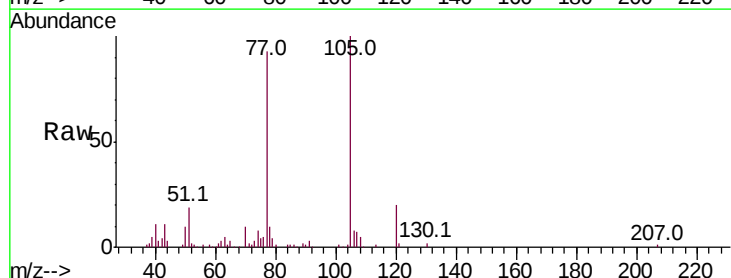
Ion Ratio Lower Upper

105 100

71 1.6 1.3 1.9

51 19.2 15.7 23.5

120 19.9 16.3 24.5

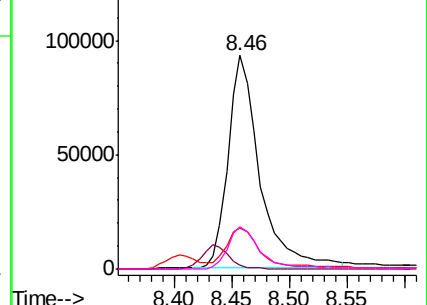
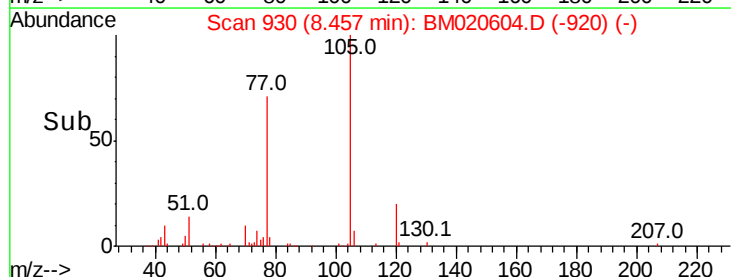


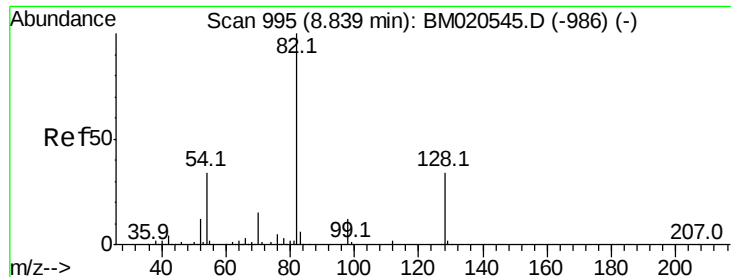
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

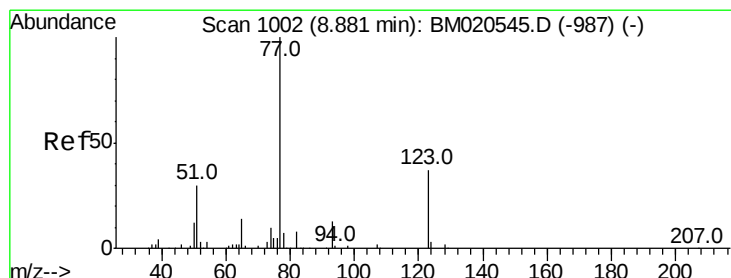
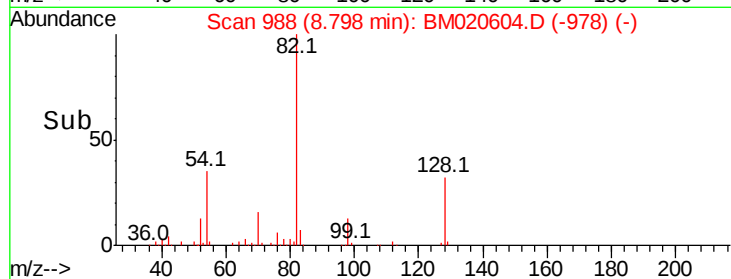
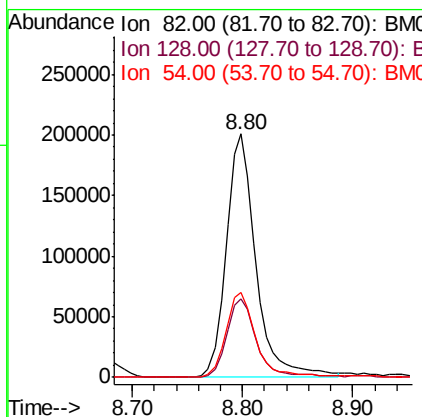
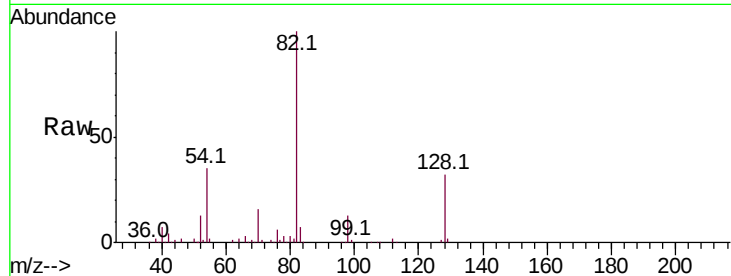




#23
Nitrobenzene-d5
Concen: 84.494 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

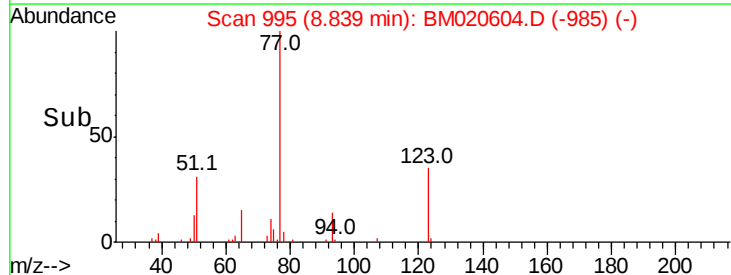
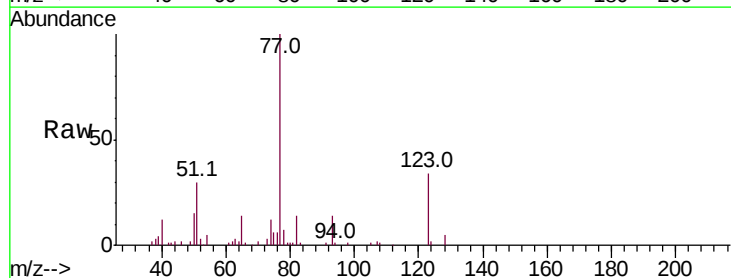
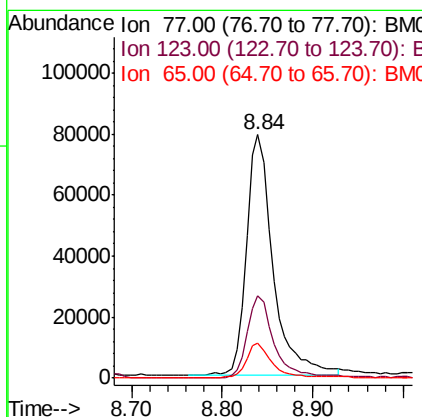
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

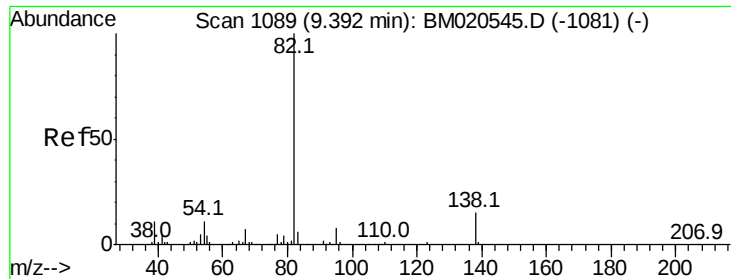
Tot Ion	82	Resp	377306
Ion Ratio	Lower	Upper	
82	100		
128	32.1	27.0	40.4
54	35.0	27.4	41.2



#24
Nitrobenzene
Concen: 36.827 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	77	Resp	162409
Ion Ratio	Lower	Upper	
77	100		
123	34.1	29.4	44.2
65	14.4	10.8	16.2





#25

Isophorone

Concen: 34.931 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

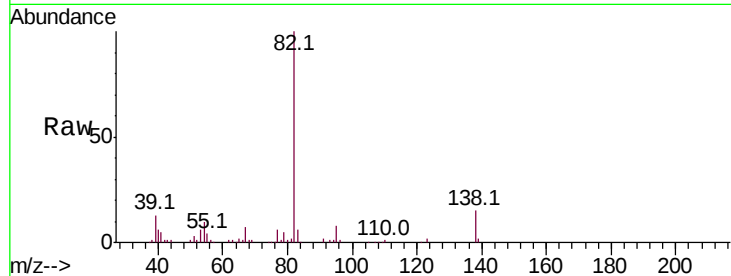
Tot Ion: 82 Resp: 290239

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

138 15.1 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) (-)

9.36

200000

150000

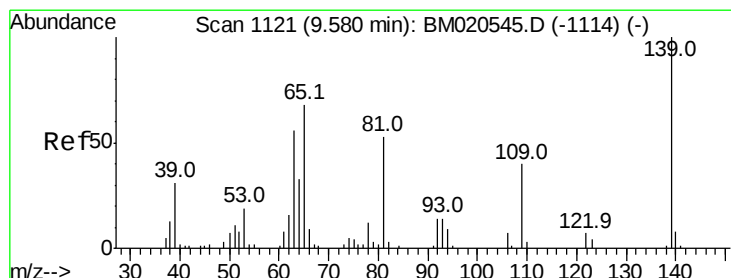
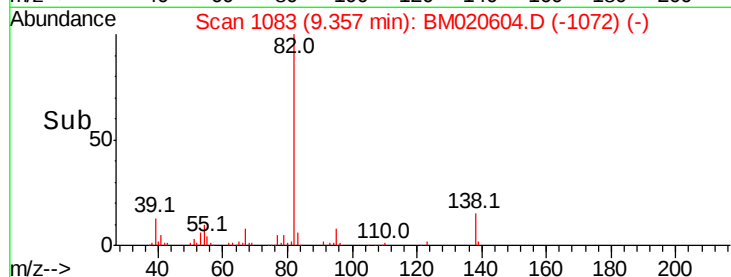
100000

50000

0

9.30 9.40

Time-->



#26

2-Nitrophenol

Concen: 33.805 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

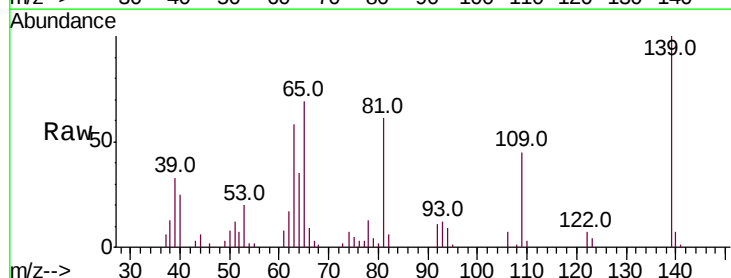
Tgt Ion: 139 Resp: 55009

Ion Ratio Lower Upper

139 100

109 44.6 32.3 48.5

65 68.7 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) (-)

9.55

30000

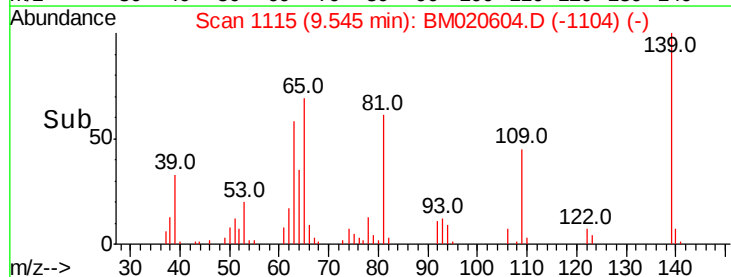
20000

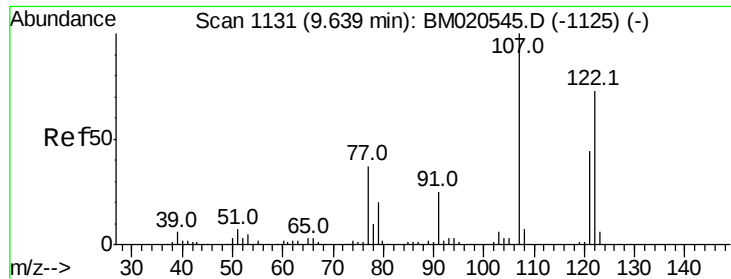
10000

0

9.45 9.50 9.55 9.60 9.65

Time-->

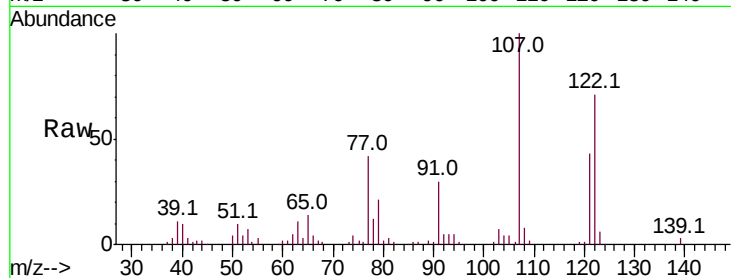




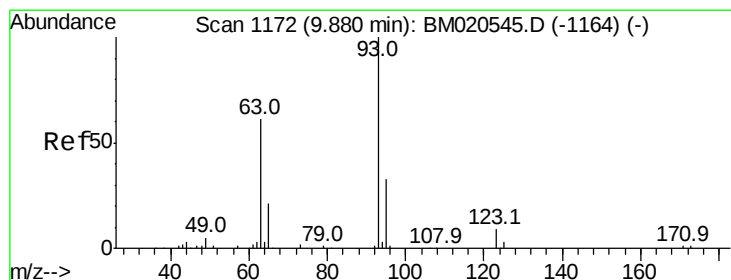
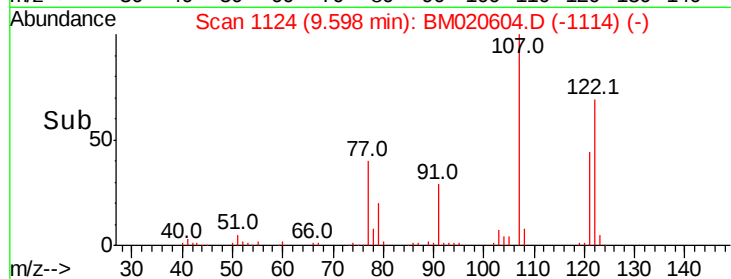
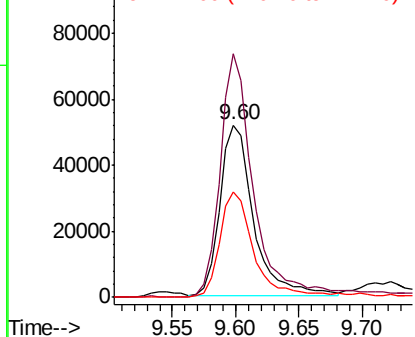
#27
2,4-Dimethylphenol
Concen: 39.388 ng
RT: 9.60 min Scan# 1124
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion:122 Resp: 95478
Ion Ratio Lower Upper
122 100
107 141.1 108.2 162.2
121 61.3 47.4 71.0

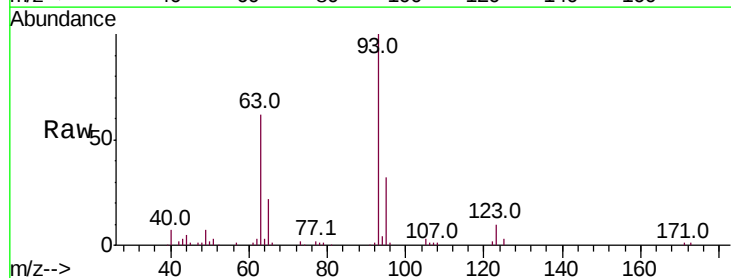


Abundance Ion 122.00 (121.70 to 122.70): E
100000 Ion 107.00 (106.70 to 107.70): E
80000 Ion 121.00 (120.70 to 121.70): E
60000
40000
20000
0

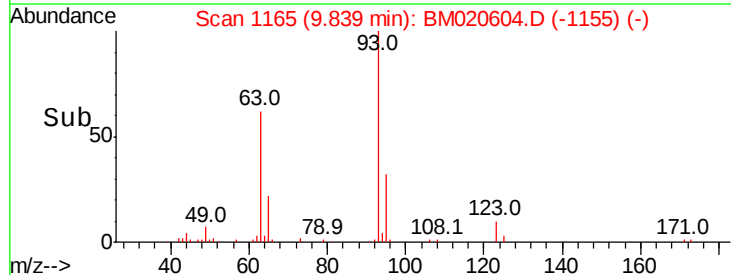
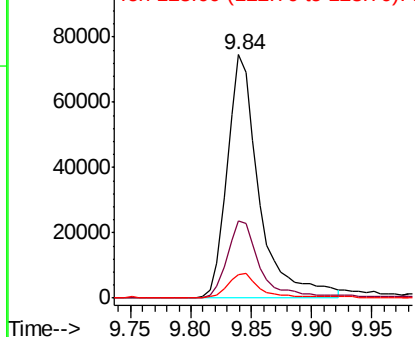


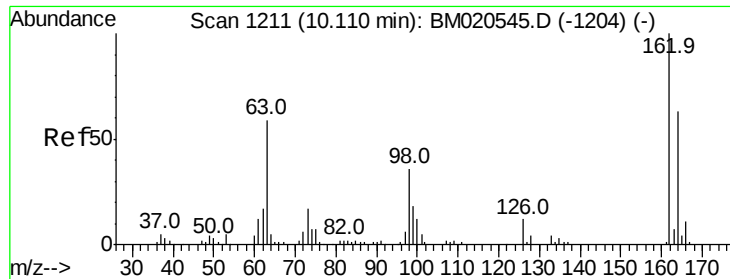
#28
bis(2-Chloroethoxy)methane
Concen: 31.913 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion: 93 Resp: 138032
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 9.9 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BM0
100000 Ion 95.00 (94.70 to 95.70): BM0
80000 Ion 123.00 (122.70 to 123.70): E
60000
40000
20000
0

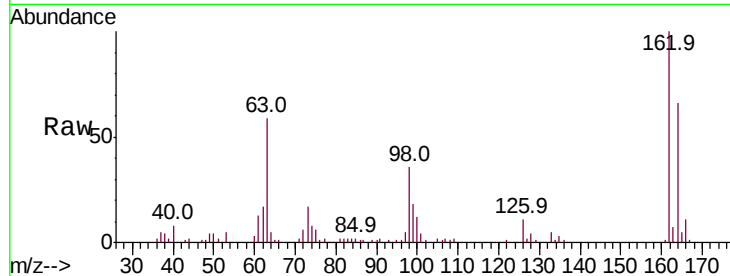




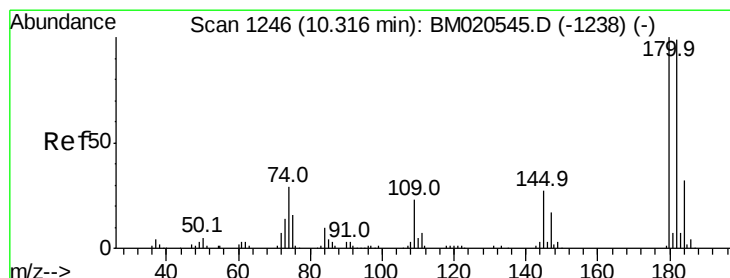
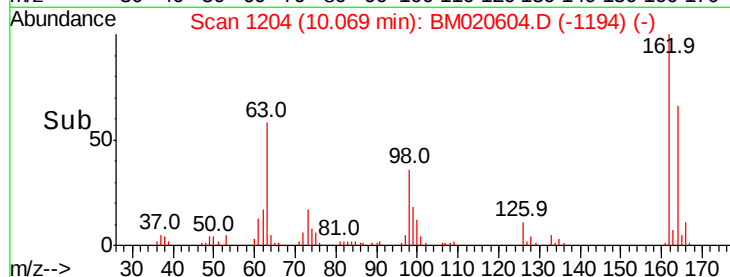
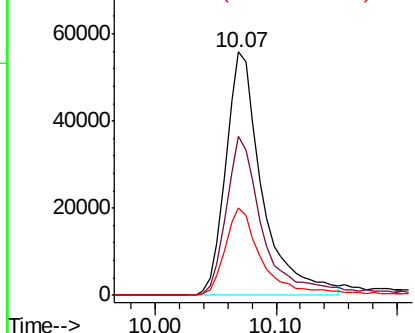
#29
 2,4-Dichlorophenol
 Concen: 36.414 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.1	83.1
98	35.9	16.2	56.2

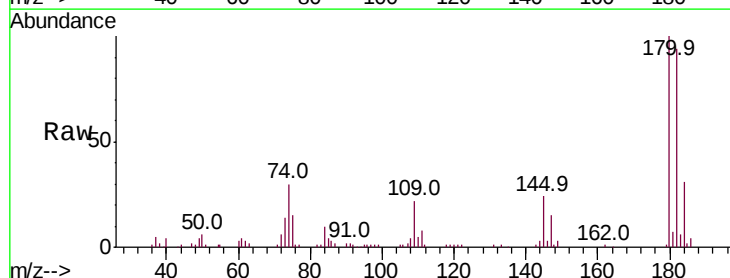


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

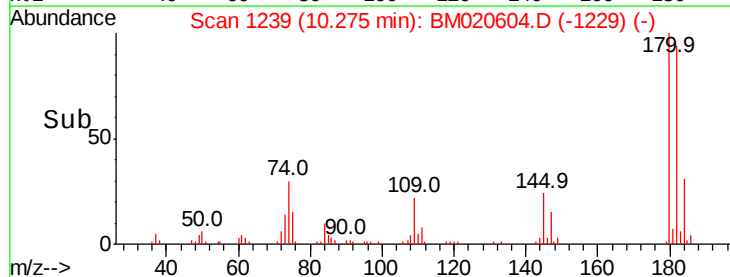
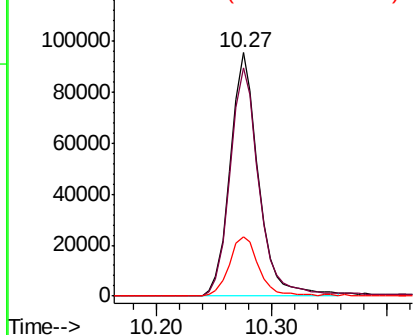


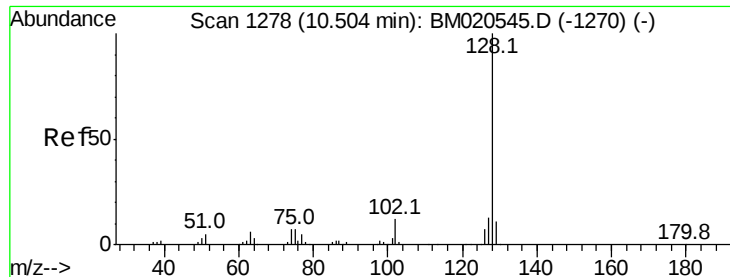
#30
 1,2,4-Trichlorobenzene
 Concen: 36.781 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.8	118.2
145	24.5	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

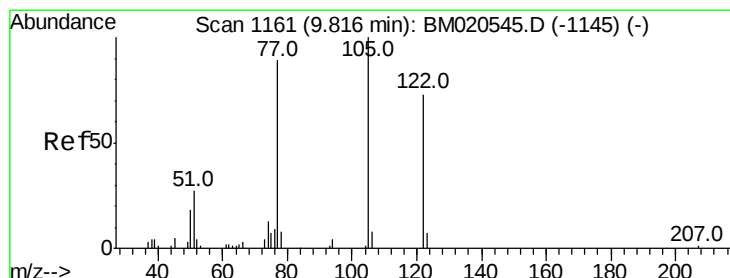
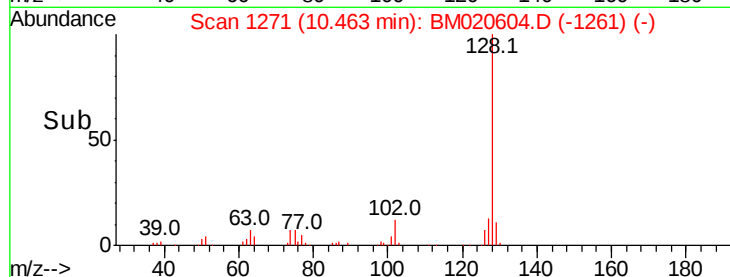
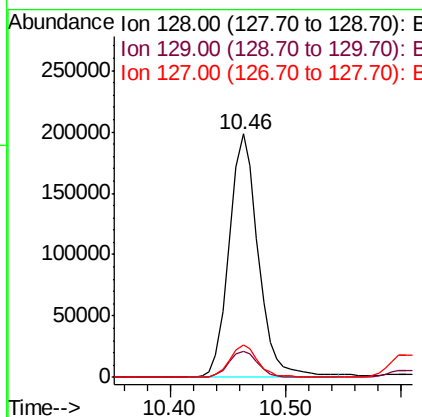
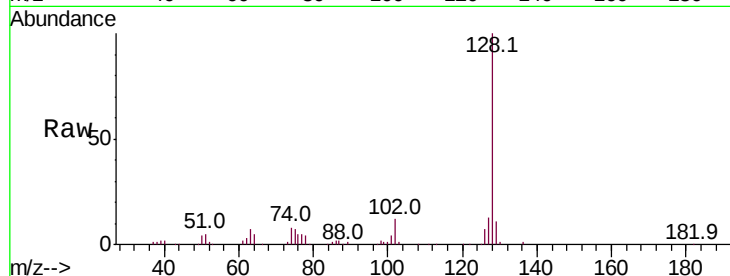




#31
Naphthalene
Concen: 36.046 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

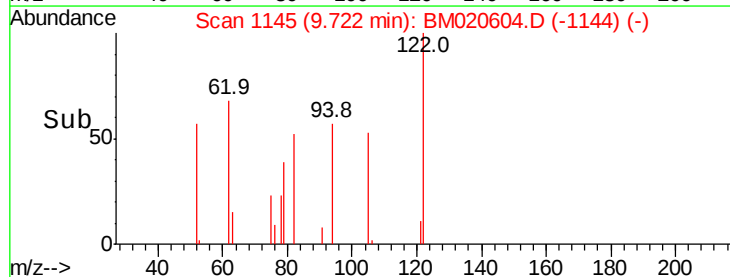
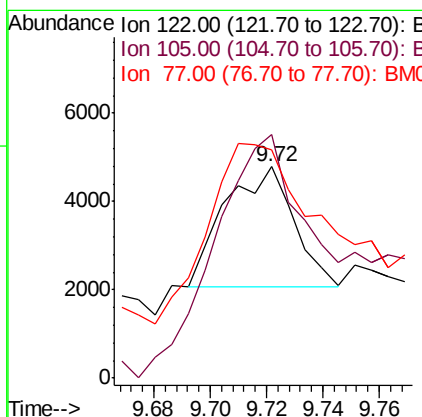
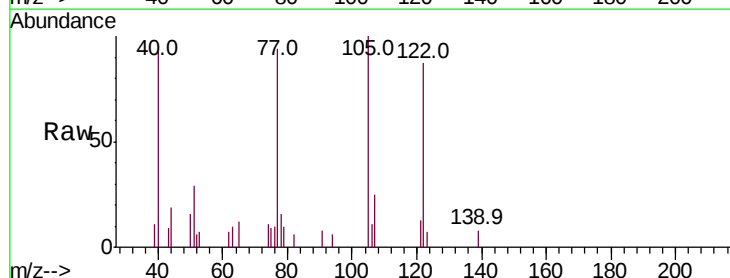
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

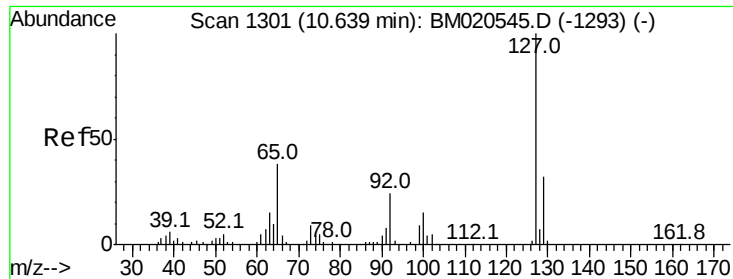
Tot Ion:128 Resp: 348841
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 12.314 ng
RT: 9.72 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:122 Resp: 4629
Ion Ratio Lower Upper
122 100
105 115.1 108.8 148.8
77 107.8 97.8 137.8

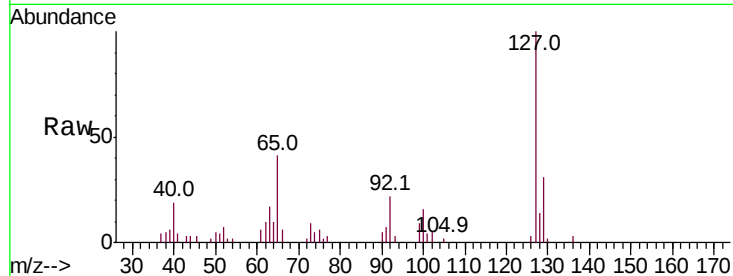




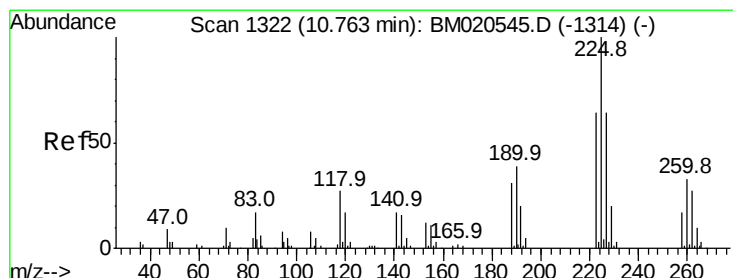
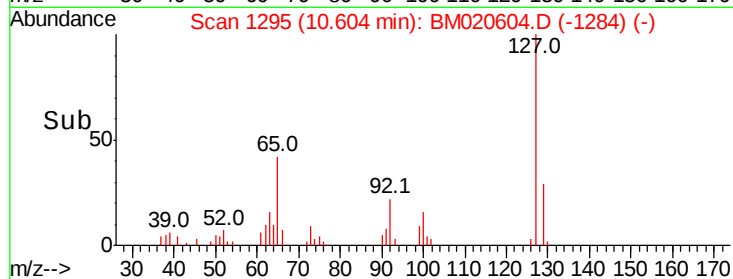
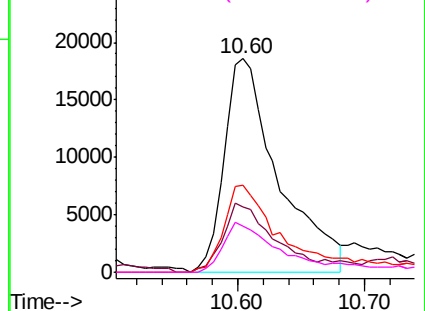
#33
4-Chloroaniline
Concen: 14.250 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion:	127	Resp:	55042
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.4	38.2
65	41.0	30.6	45.8
92	21.8	19.6	29.4

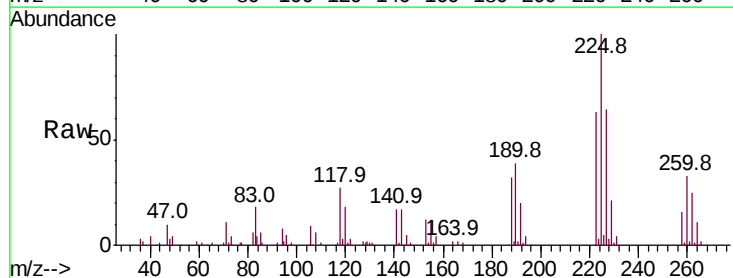


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

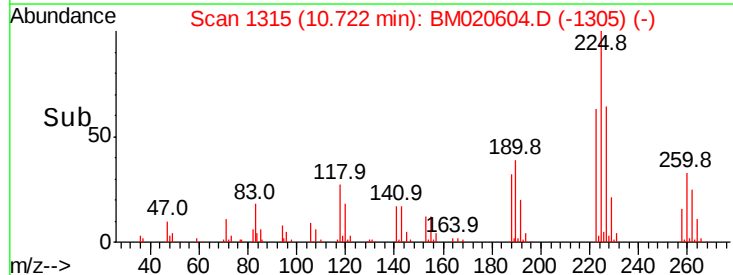
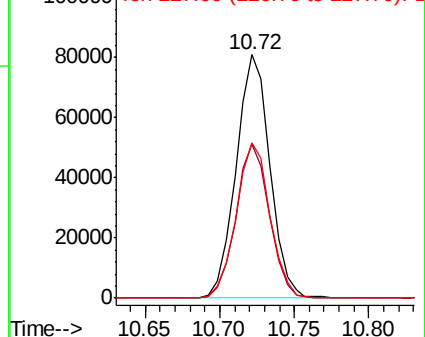


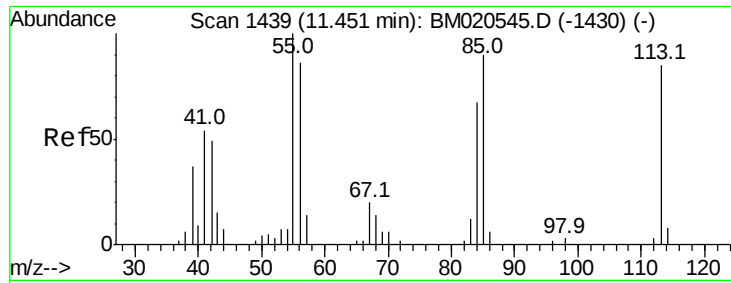
#34
Hexachlorobutadiene
Concen: 38.788 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:	225	Resp:	127124
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	63.9	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.308 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.05 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

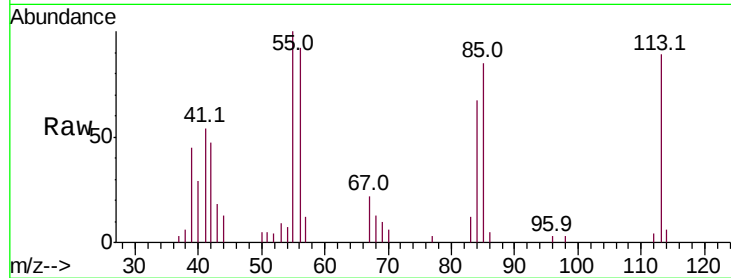
Tot Ion:113 Resp: 25792

Ion Ratio Lower Upper

113 100

55 112.2 97.6 137.6

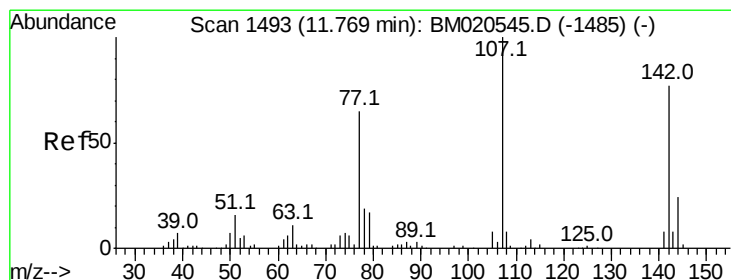
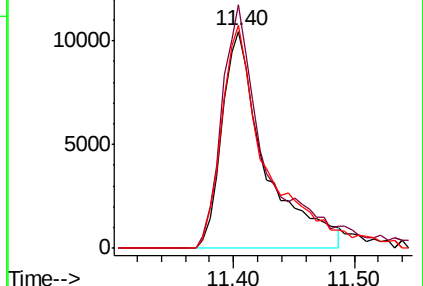
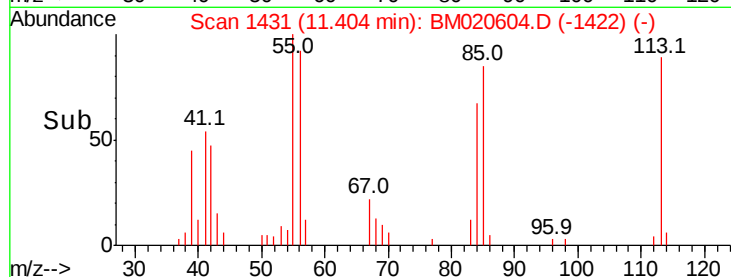
56 102.7 81.6 121.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 31.396 ng

RT: 11.72 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

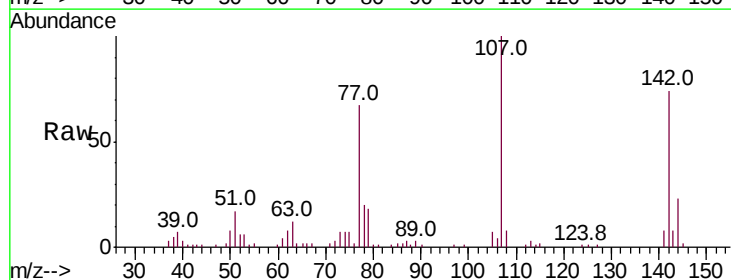
Tgt Ion:107 Resp: 110149

Ion Ratio Lower Upper

107 100

144 23.1 19.0 28.6

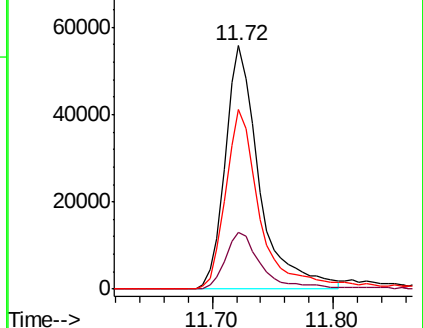
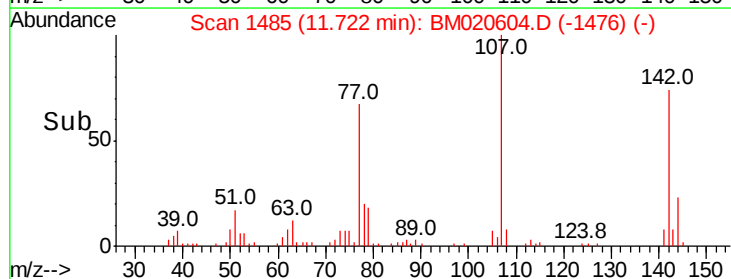
142 74.0 61.3 91.9

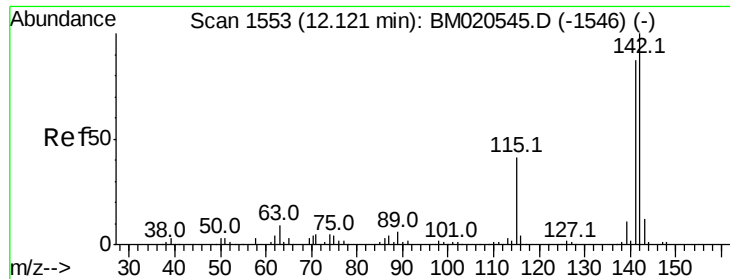


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

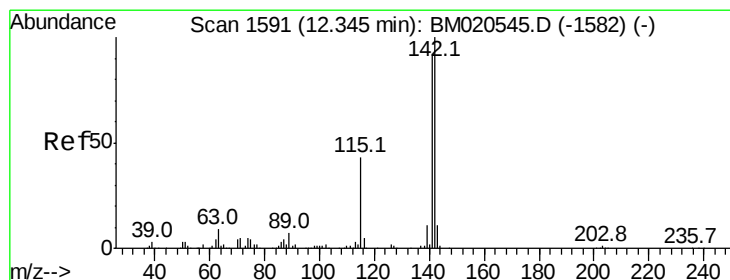
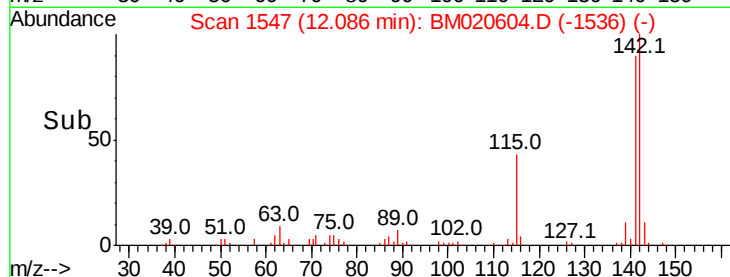
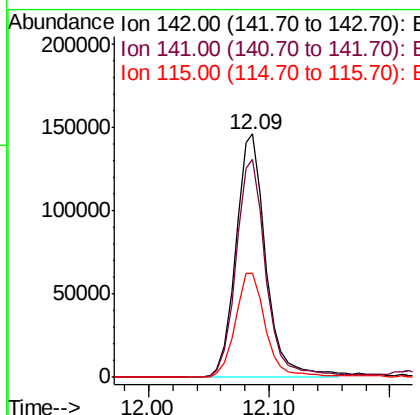
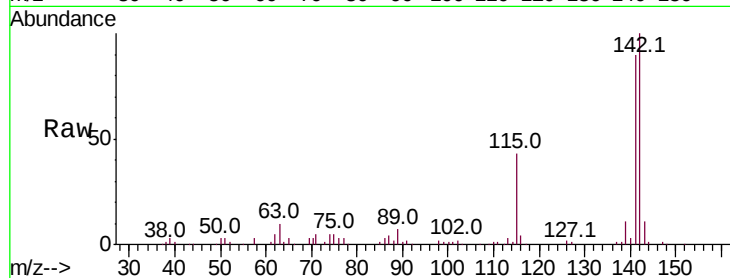




#37
2-Methylnaphthalene
Concen: 34.156 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

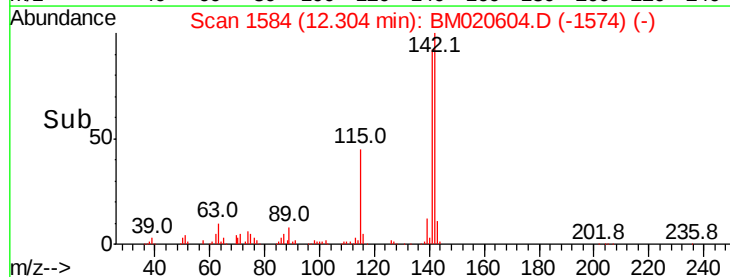
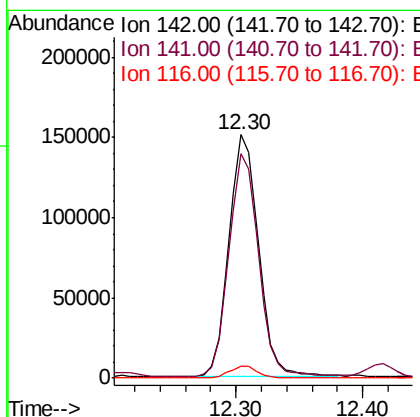
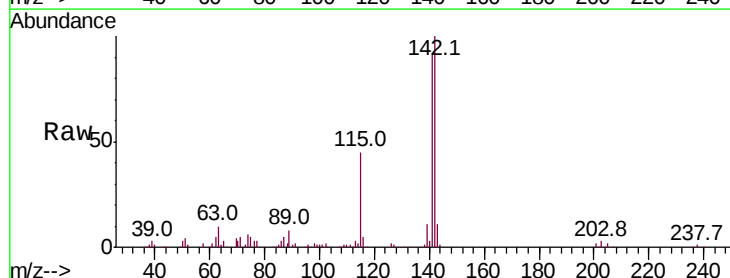
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

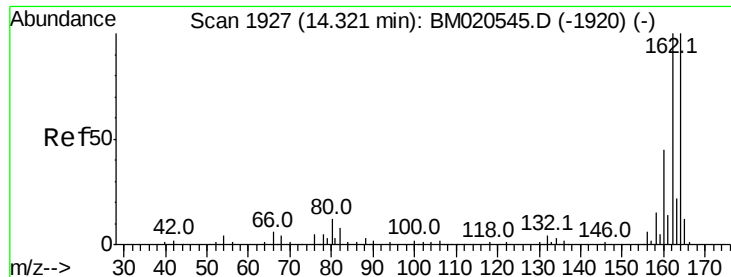
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.9	104.9
115	43.0	32.9	49.3



#38
1-Methylnaphthalene
Concen: 33.931 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	5.0	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

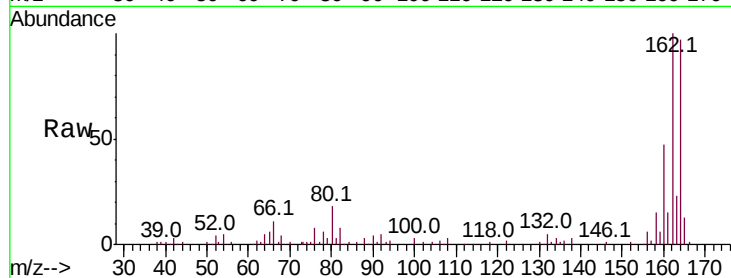
Tot Ion:164 Resp: 124438

Ion Ratio Lower Upper

164 100

162 102.9 79.8 119.8

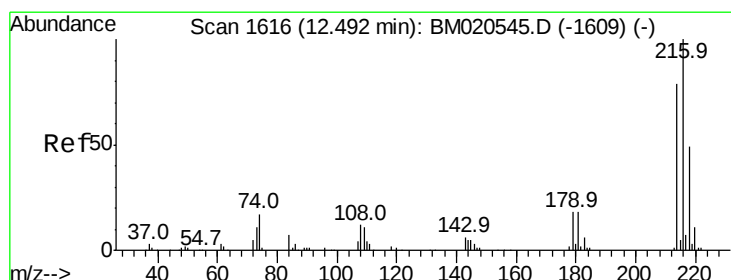
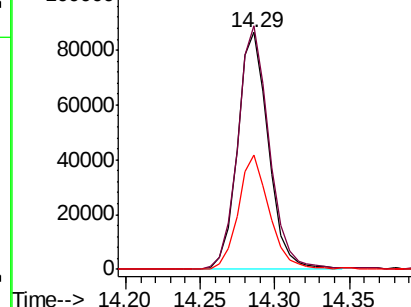
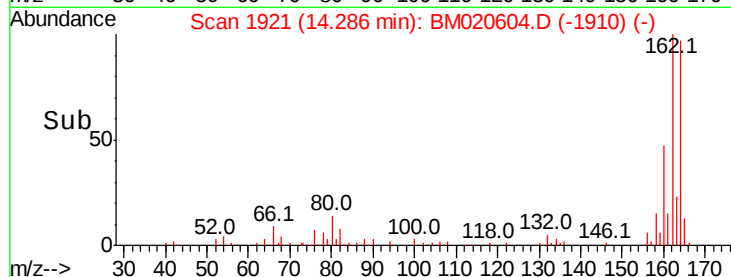
160 48.5 35.9 53.9



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: 40.196 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:216 Resp: 210266

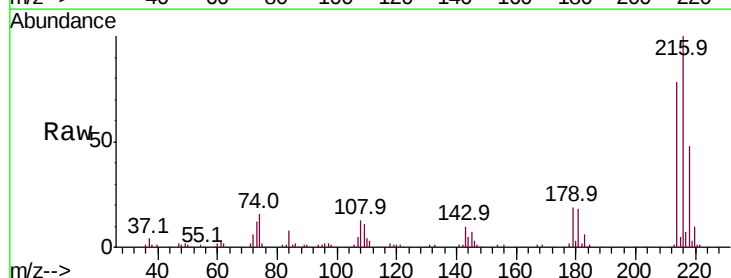
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.6

179 18.4 14.8 22.2

108 12.9 10.5 15.7

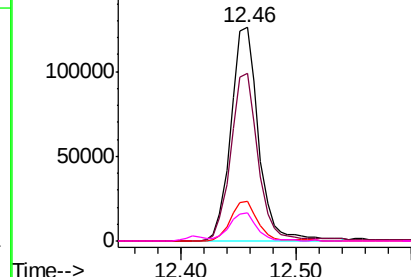
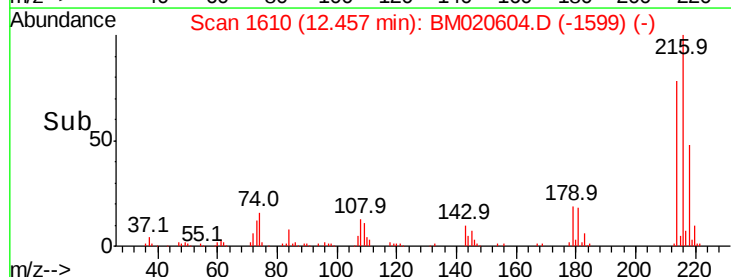


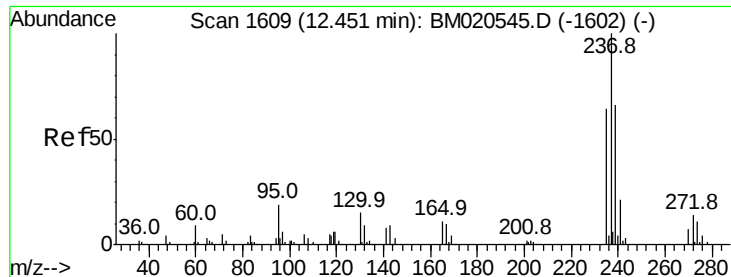
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.814 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

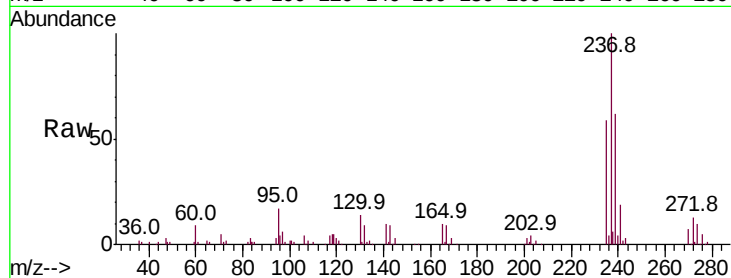
Tot Ion:237 Resp: 133069

Ion Ratio Lower Upper

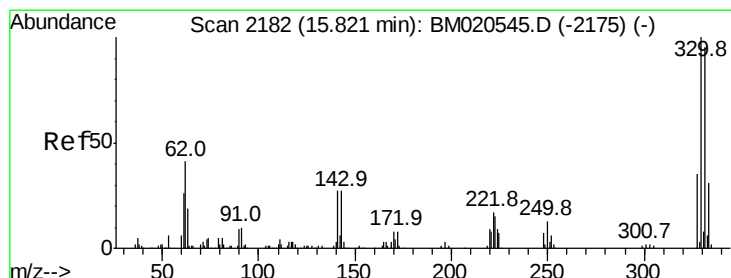
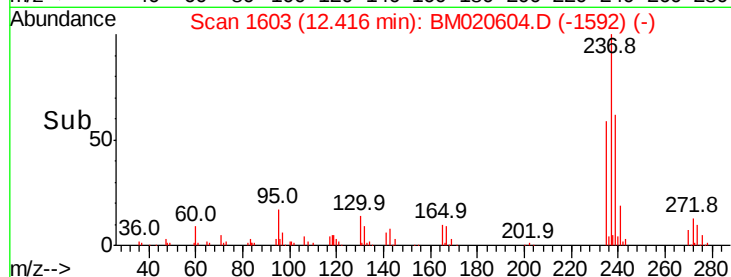
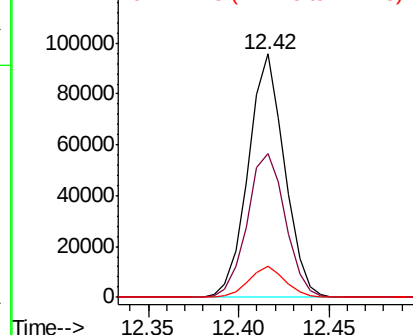
237 100

235 59.1 43.5 83.5

272 12.8 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: 106.719 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

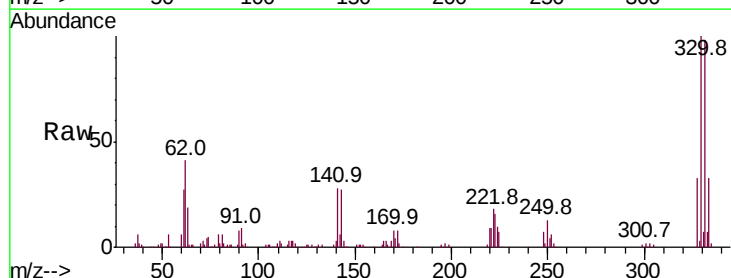
Tgt Ion:330 Resp: 266059

Ion Ratio Lower Upper

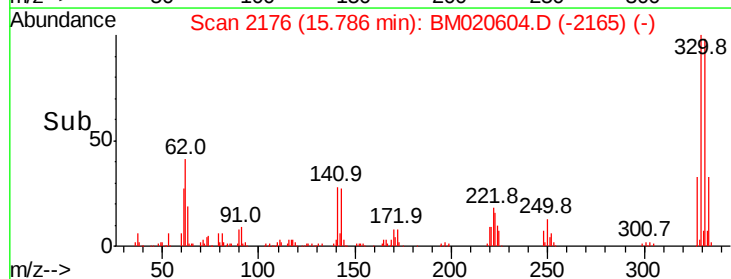
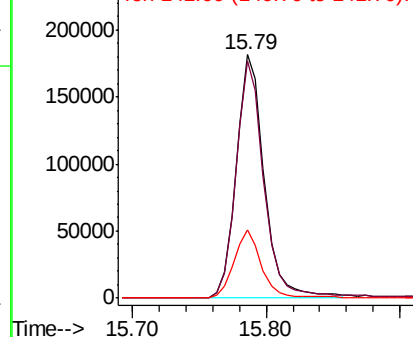
330 100

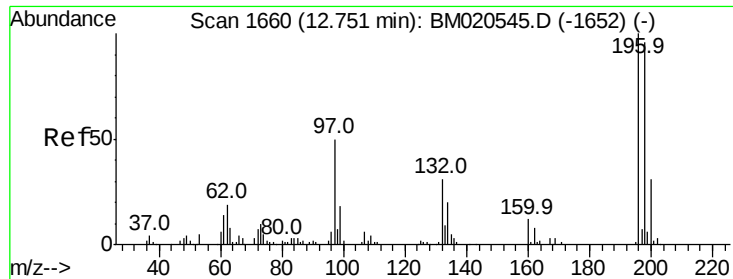
332 96.5 77.5 116.3

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: 35.865 ng

RT: 12.71 min Scan# 1653

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

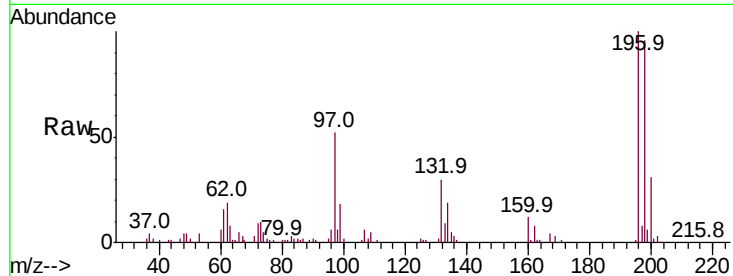
Tot Ion:196 Resp: 116102

Ion Ratio Lower Upper

196 100

198 96.0 76.4 114.6

200 31.4 25.0 37.4

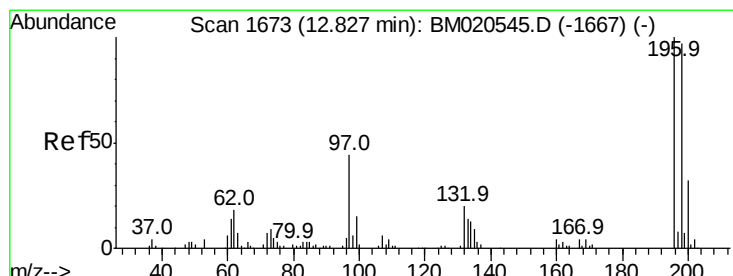
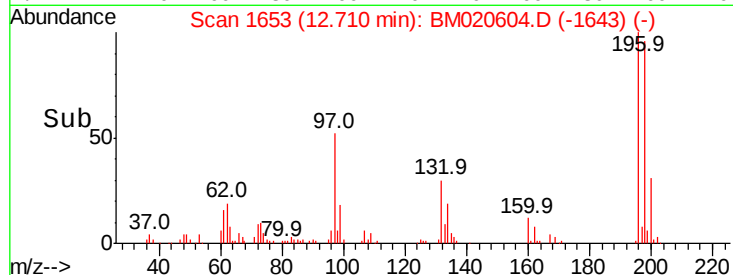
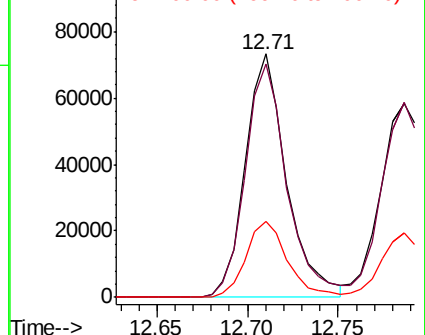


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.598 ng

RT: 12.79 min Scan# 1666

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:196 Resp: 107612

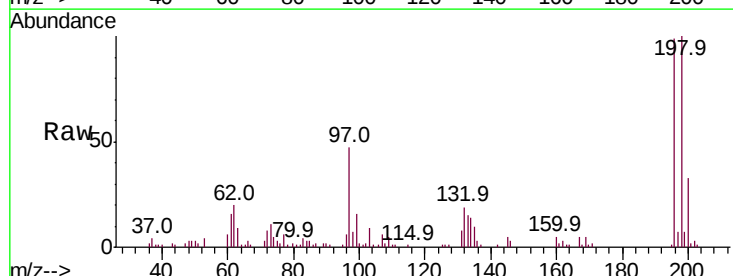
Ion Ratio Lower Upper

196 100

198 100.7 77.6 116.4

97 47.4 35.4 53.0

132 19.6 16.4 24.6



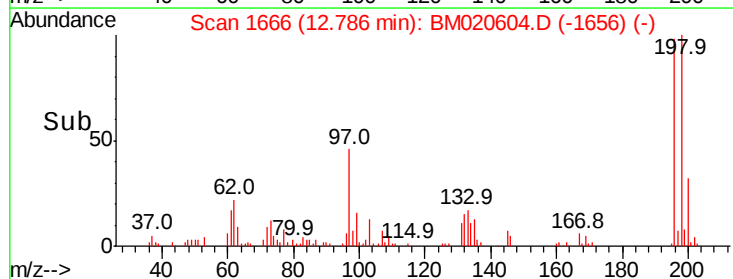
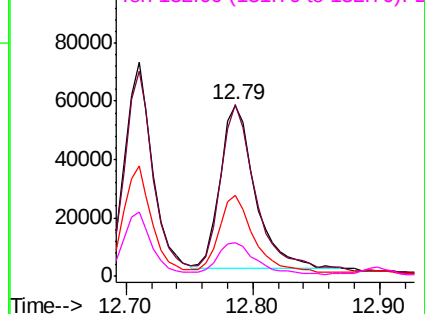
Abundance

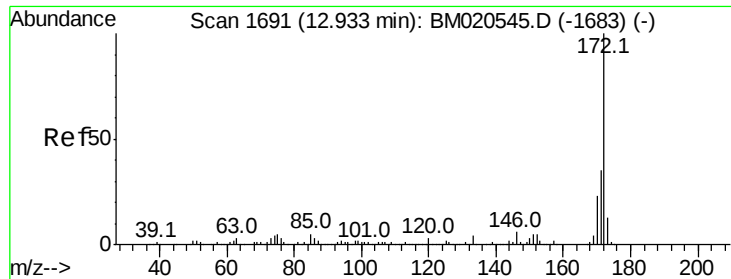
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

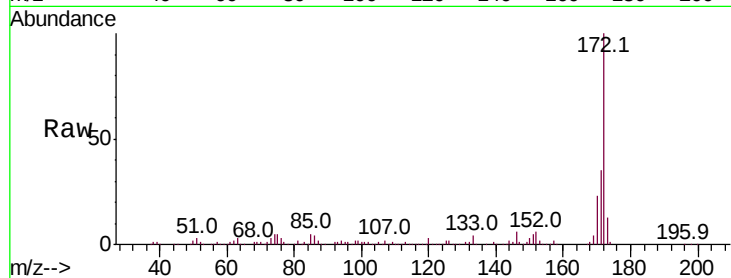




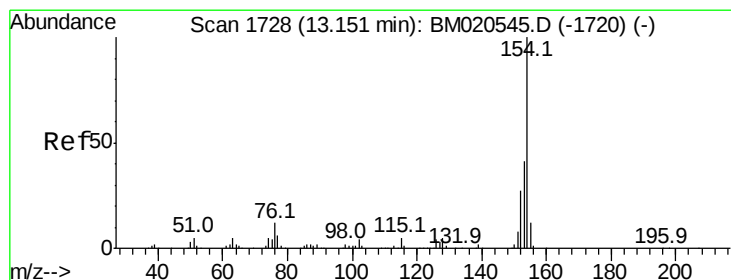
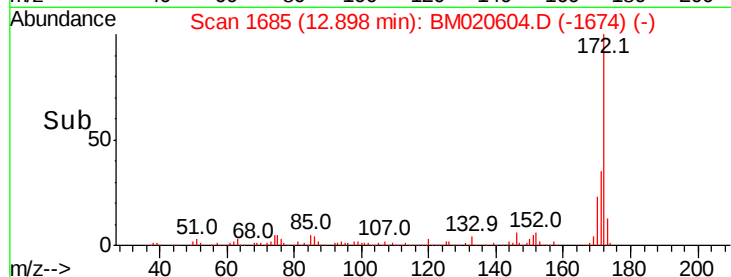
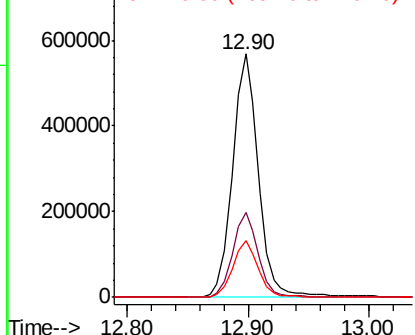
#45
2-Fluorobiphenyl
Concen: 85.276 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion:172 Resp: 845671
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.1 18.2 27.4

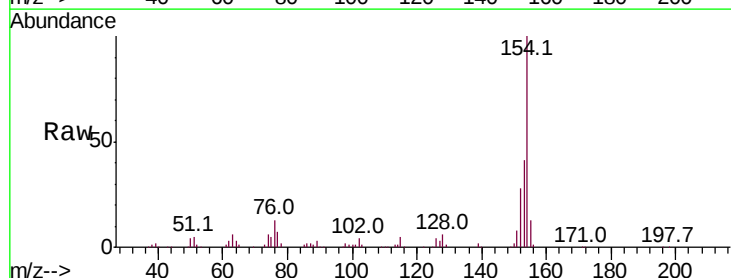


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

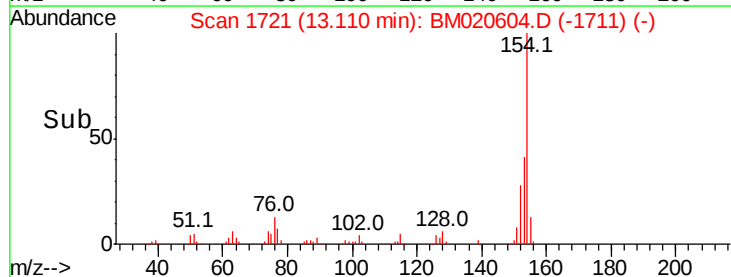
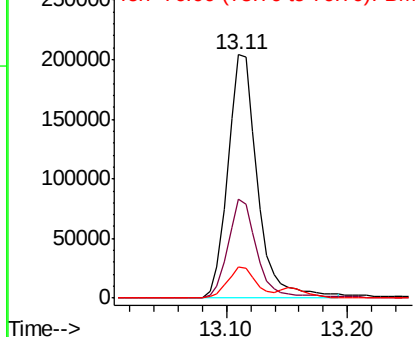


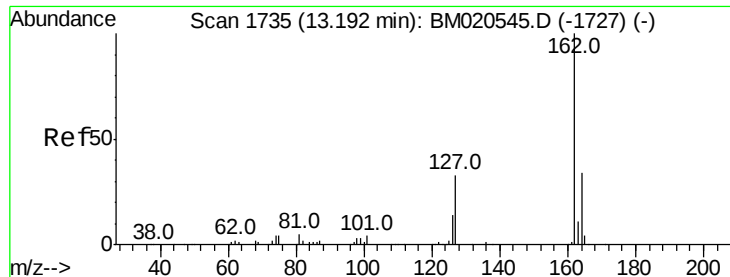
#46
1,1'-Biphenyl
Concen: 36.365 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:154 Resp: 348512
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.8 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

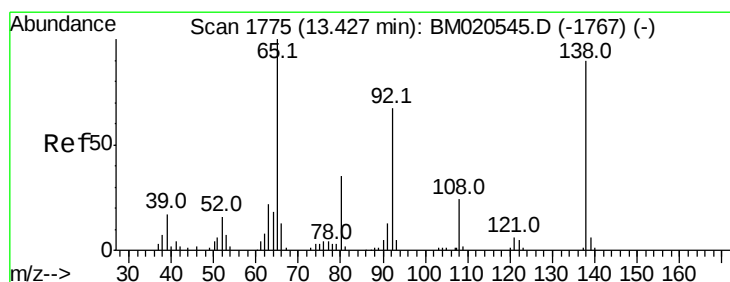
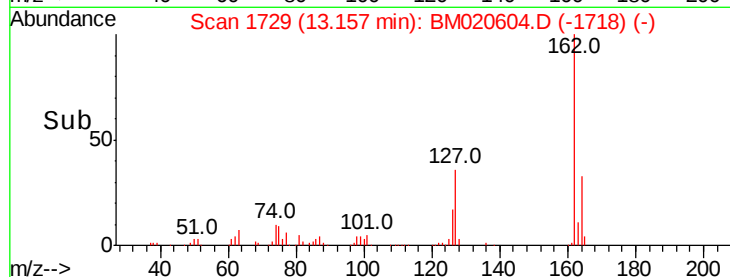
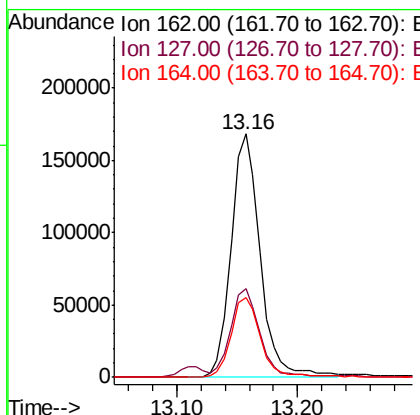
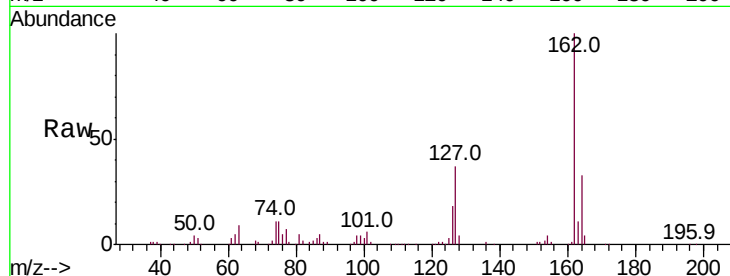




#47
 2-Chloronaphthalene
 Concen: 34.975 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

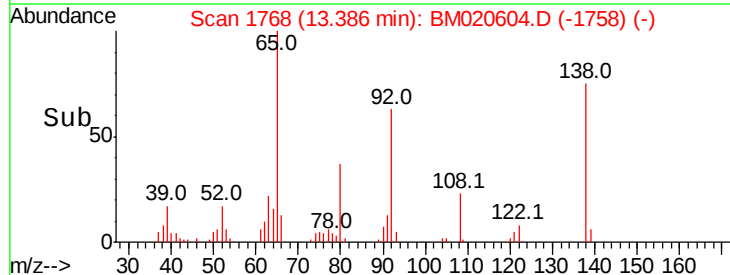
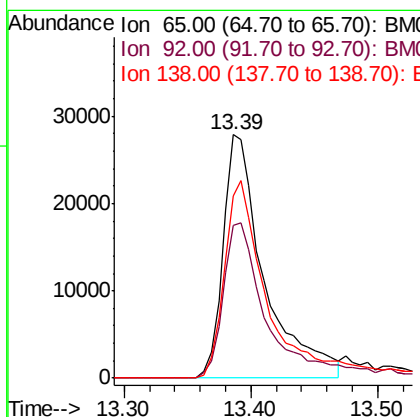
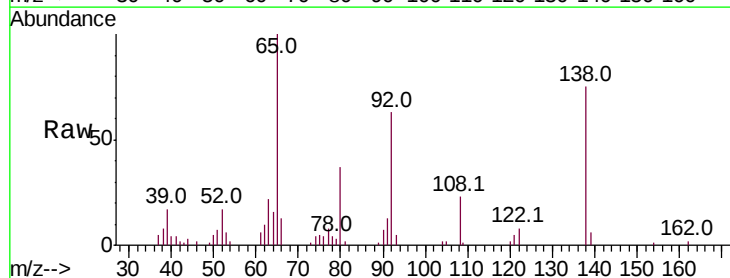
Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

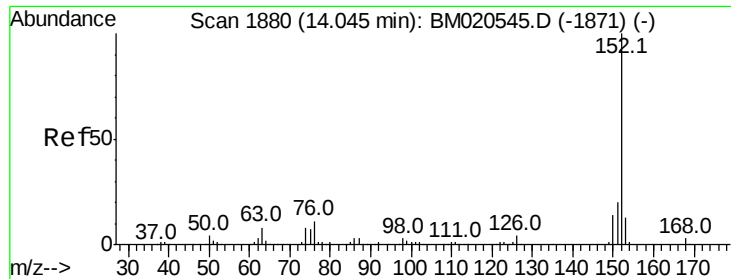
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	29.2	43.8
164	32.6	27.4	41.2



#48
 2-Nitroaniline
 Concen: 27.272 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	53.6	80.4
138	74.8	72.0	108.0





#49

Acenaphthylene

Concen: 34.917 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

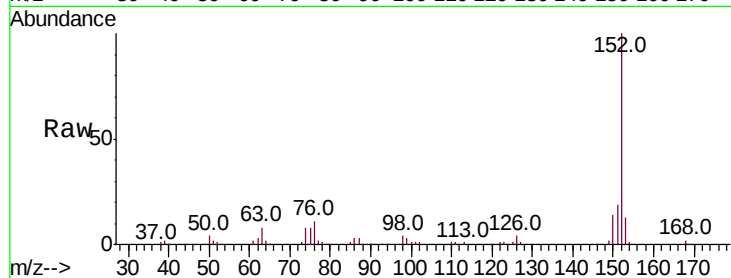
Tot Ion:152 Resp: 431395

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

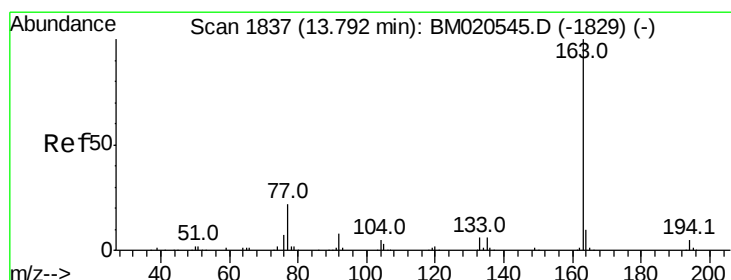
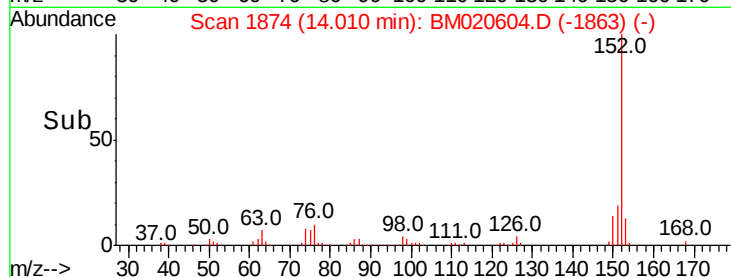
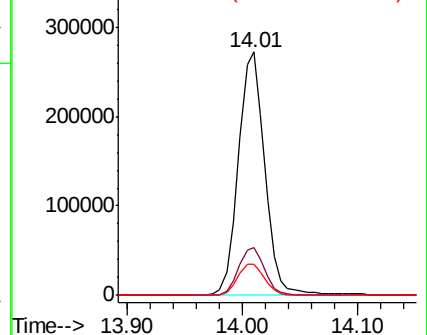
153 12.7 10.2 15.2



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: 32.905 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

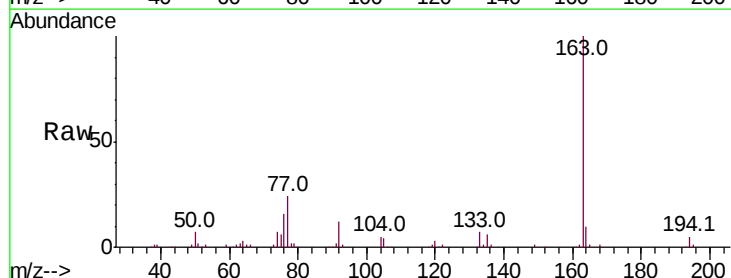
Tgt Ion:163 Resp: 362683

Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

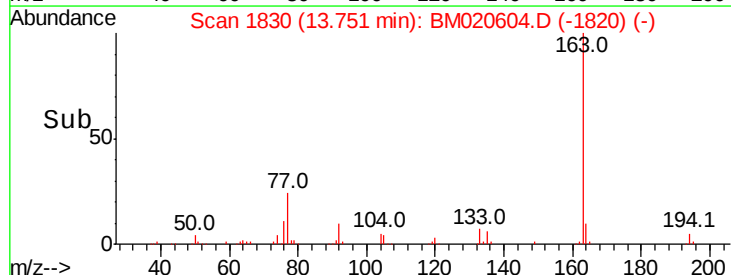
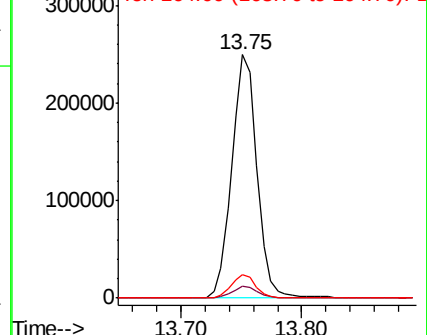
164 9.8 8.0 12.0

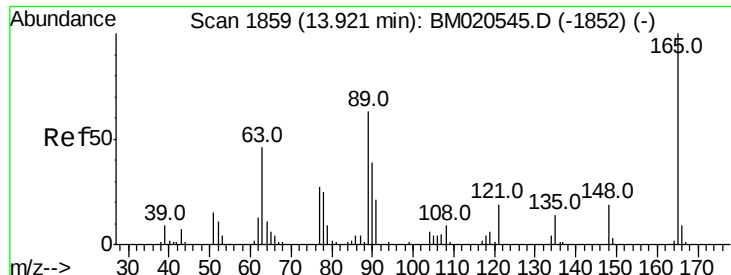


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

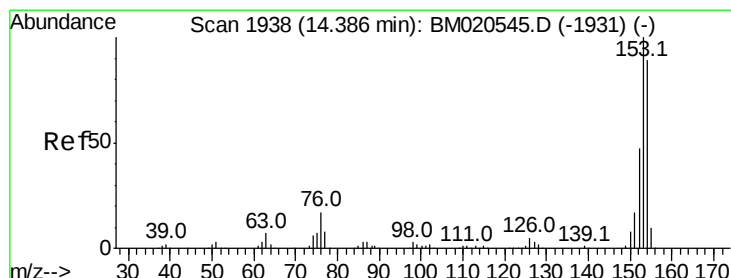
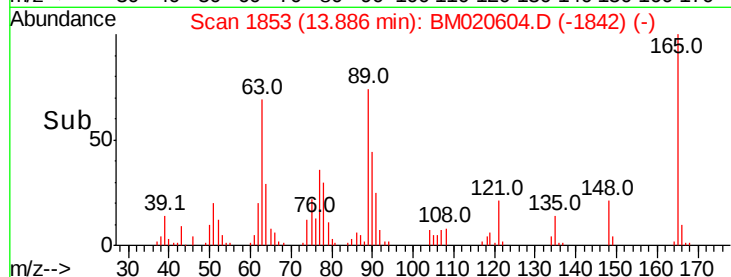
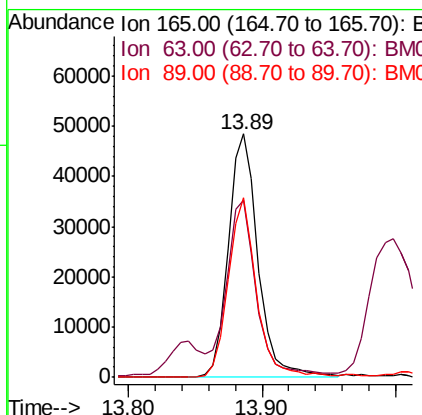
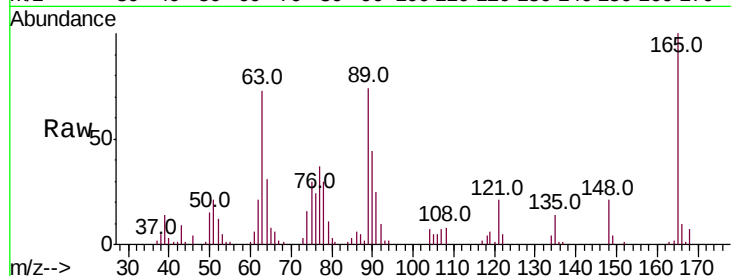




#51
 2,6-Dinitrotoluene
 Concen: 32.709 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

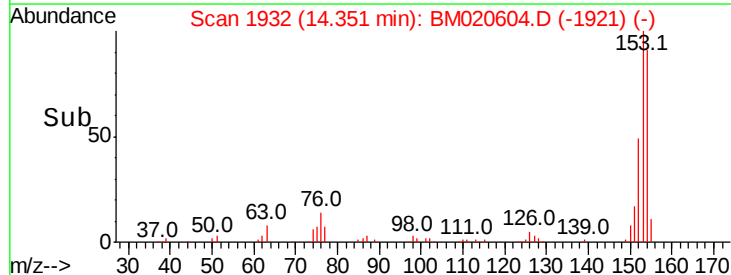
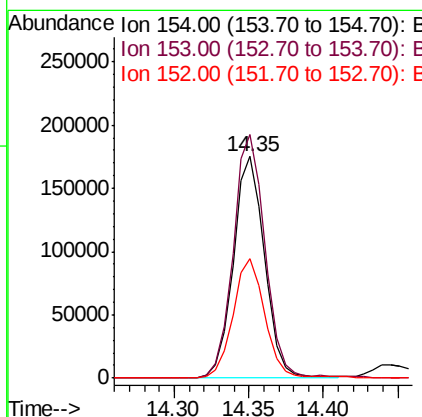
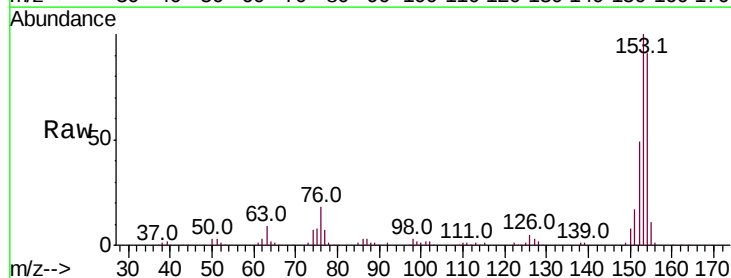
Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

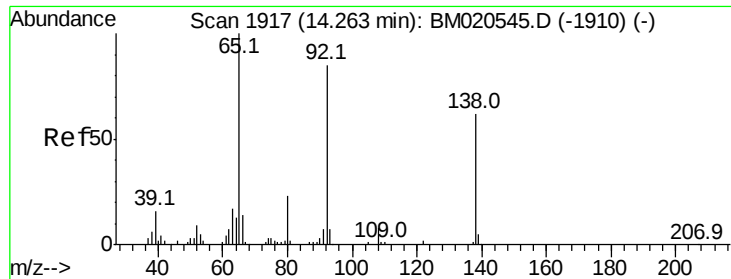
Tot Ion:165 Resp: 75140
 Ion Ratio Lower Upper
 165 100
 63 72.5 49.6 74.4
 89 73.8 50.8 76.2



#52
 Acenaphthene
 Concen: 34.357 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion:154 Resp: 255797
 Ion Ratio Lower Upper
 154 100
 153 110.0 90.2 135.4
 152 53.7 42.0 63.0

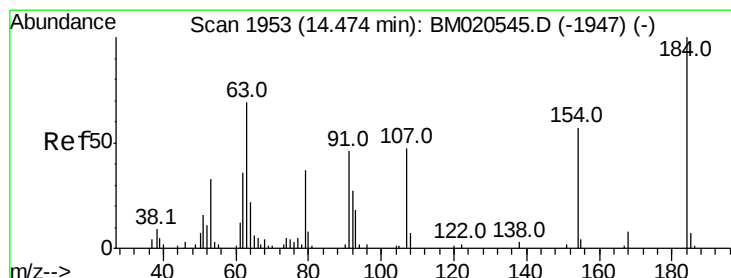
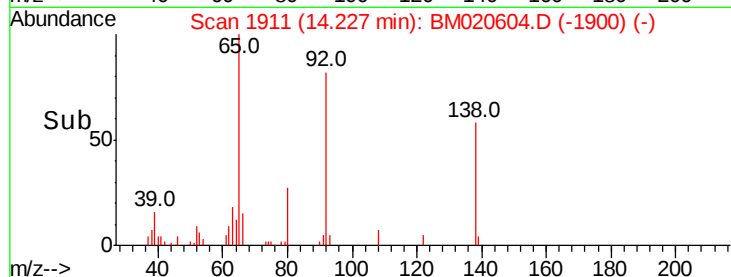
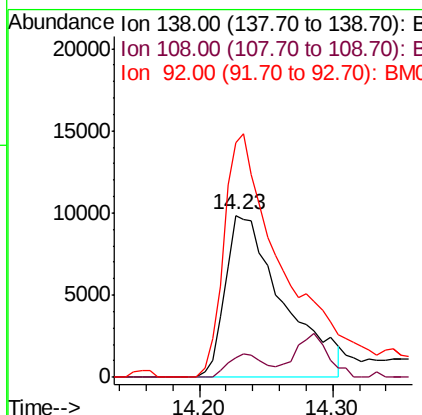
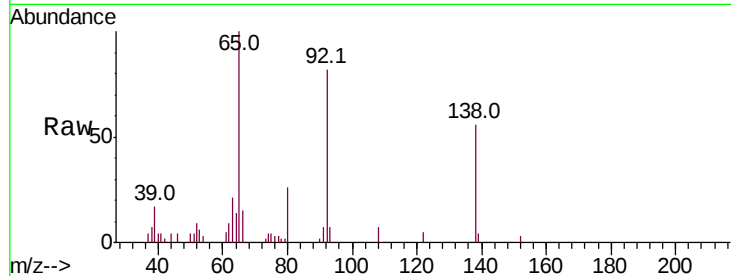




#53
3-Nitroaniline
Concen: 18.457 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.03 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

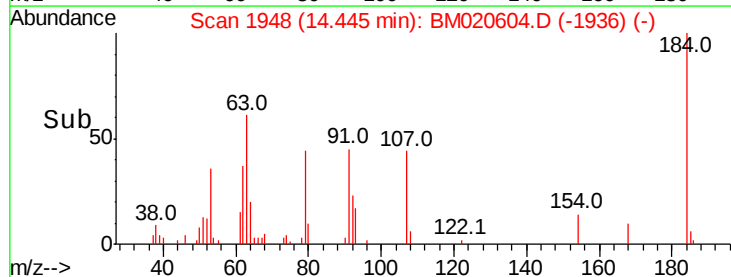
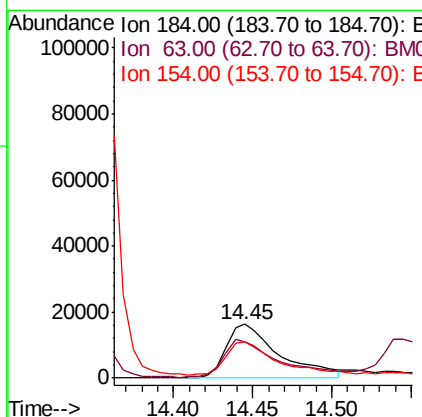
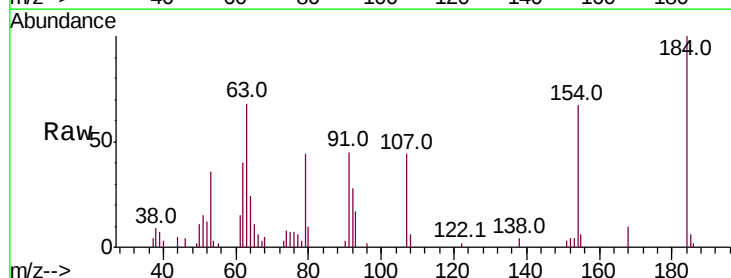
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

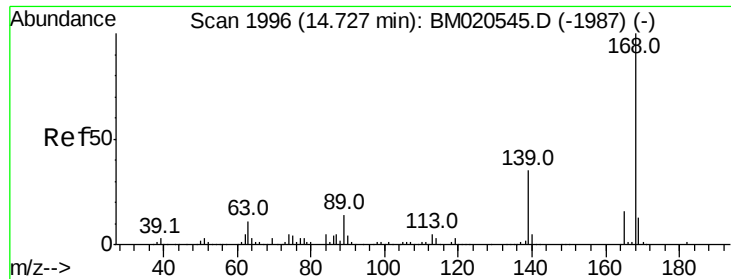
Tot Ion:138 Resp: 29839
Ion Ratio Lower Upper
138 100
108 12.4 10.1 15.1
92 144.7 109.5 164.3



#54
2,4-Dinitrophenol
Concen: 32.858 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:184 Resp: 38006
Ion Ratio Lower Upper
184 100
63 68.1 56.3 84.5
154 67.5 49.0 73.6

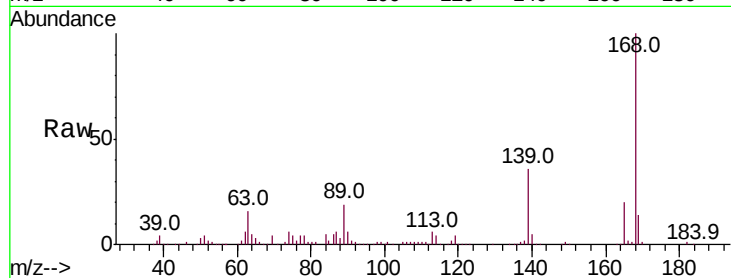




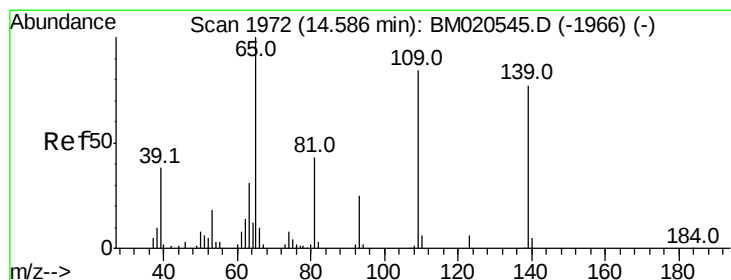
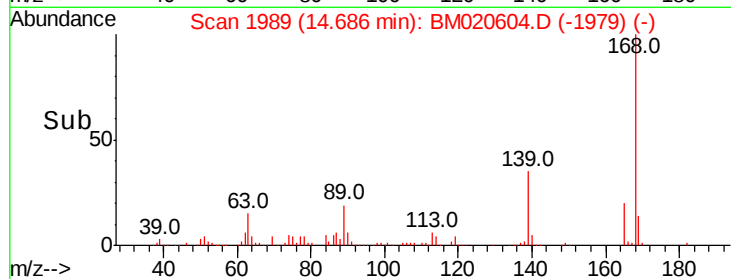
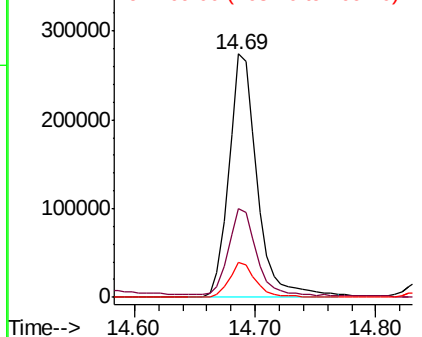
#55
Dibenzenofuran
Concen: 34.716 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.2	42.4
169	14.2	10.6	16.0

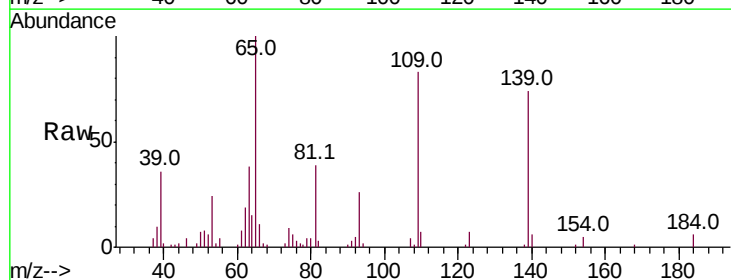


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

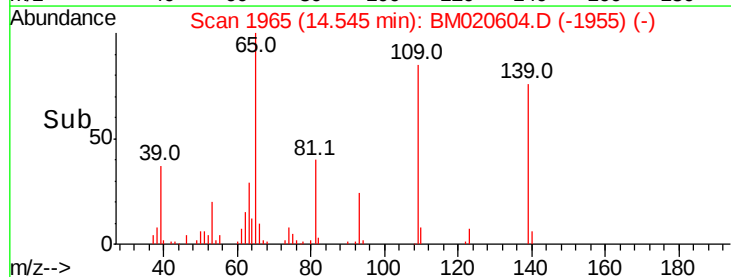
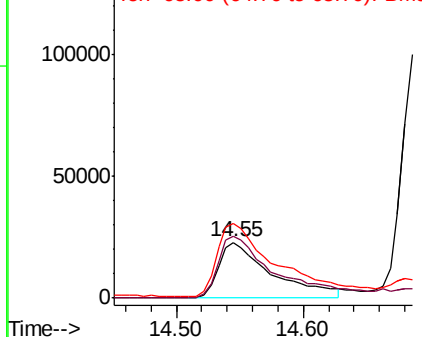


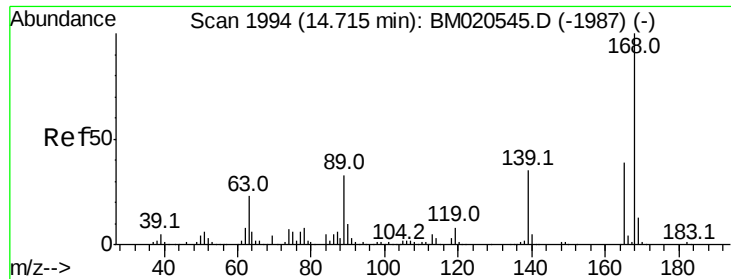
#56
4-Nitrophenol
Concen: 47.920 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.2	89.4	129.4
65	135.1	113.3	153.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

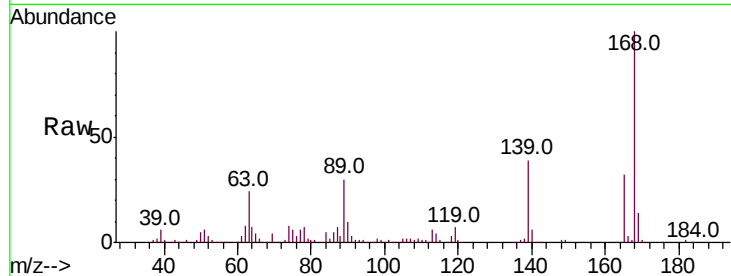




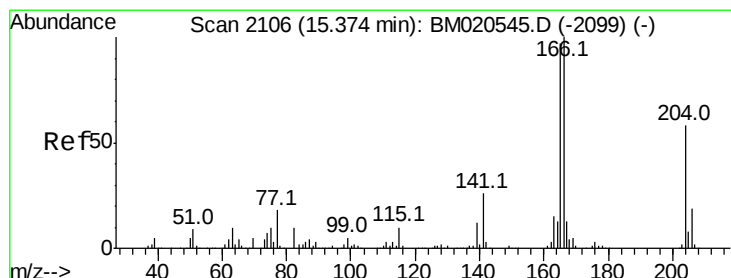
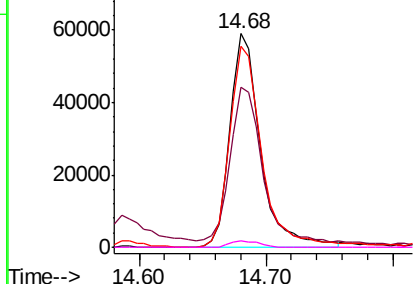
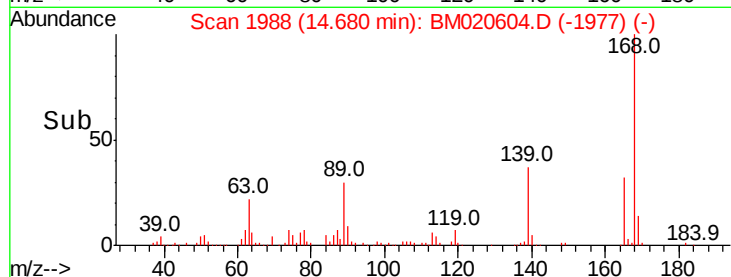
#57
 2,4-Dinitrotoluene
 Concen: 29.749 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion:165 Resp: 98689
 Ion Ratio Lower Upper
 165 100
 63 75.0 48.7 73.1#
 89 94.3 68.8 103.2
 182 3.2 2.6 4.0

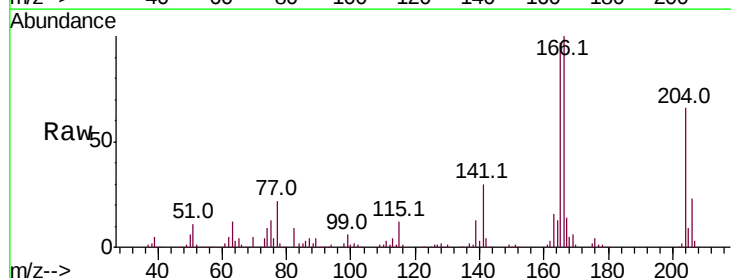


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

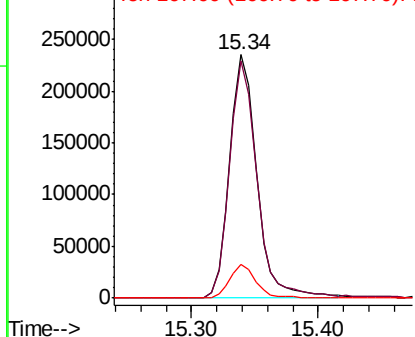
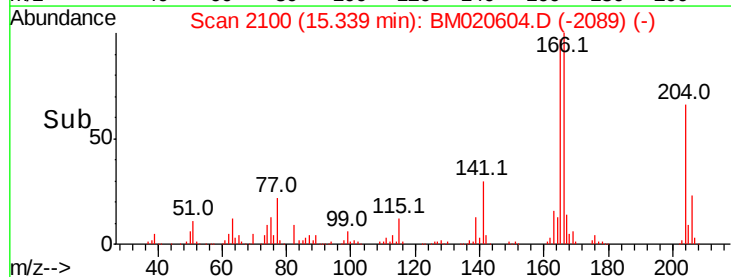


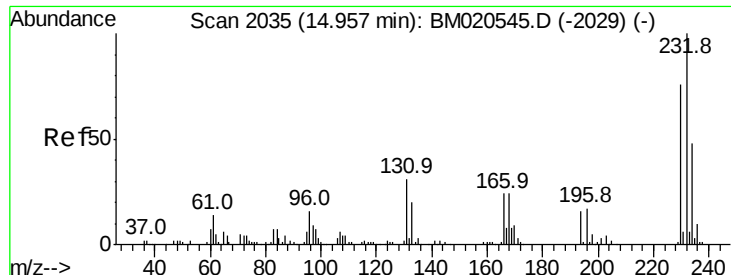
#58
 Fluorene
 Concen: 32.861 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion:166 Resp: 351695
 Ion Ratio Lower Upper
 166 100
 165 97.5 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

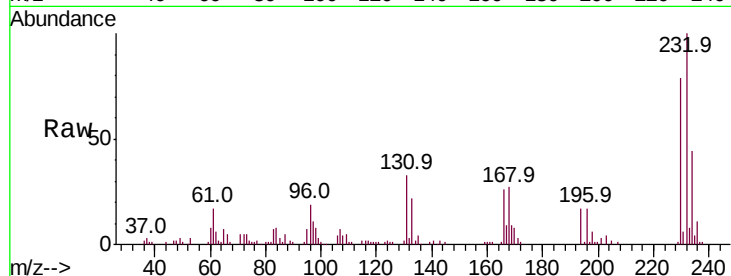




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.003 ng
 RT: 14.92 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

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



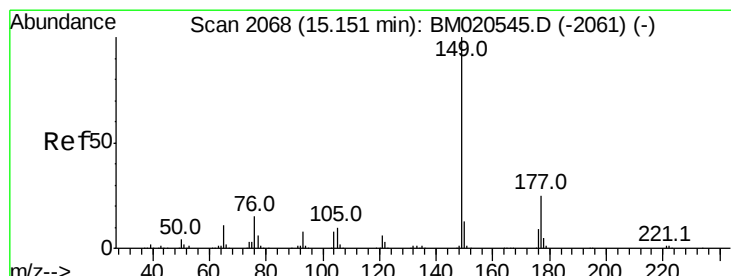
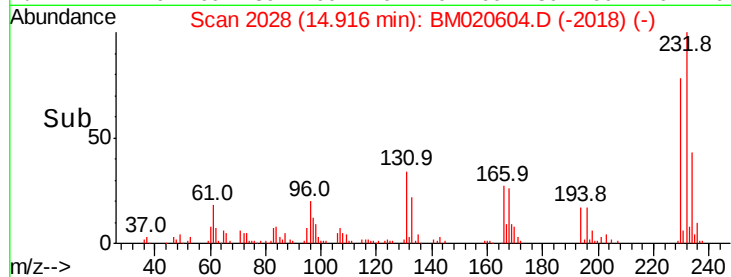
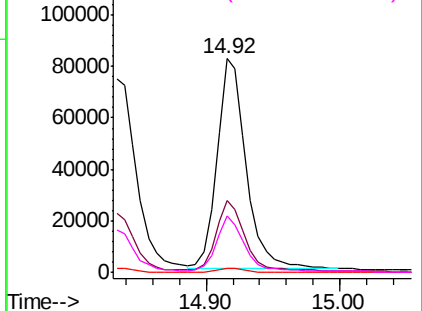
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

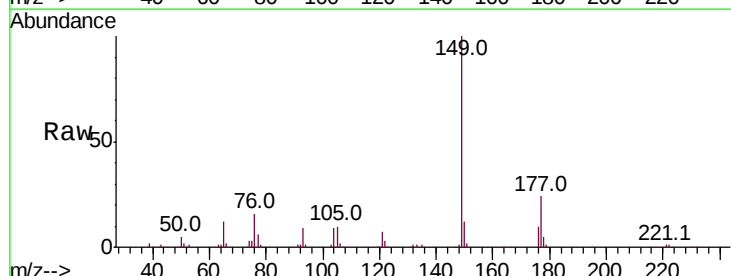
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 31.702 ng
 RT: 15.12 min Scan# 2062
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.8	29.8
150	12.4	10.2	15.2

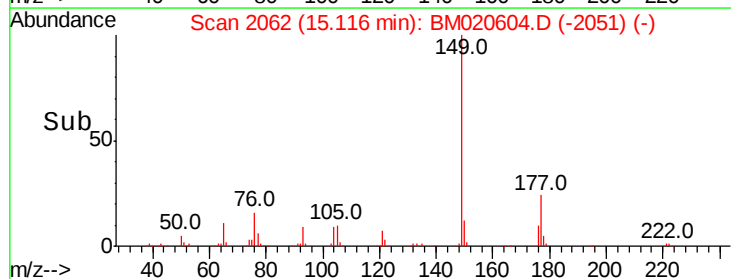
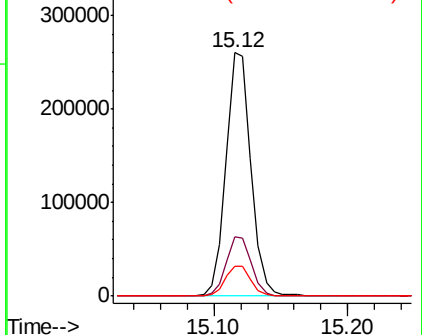


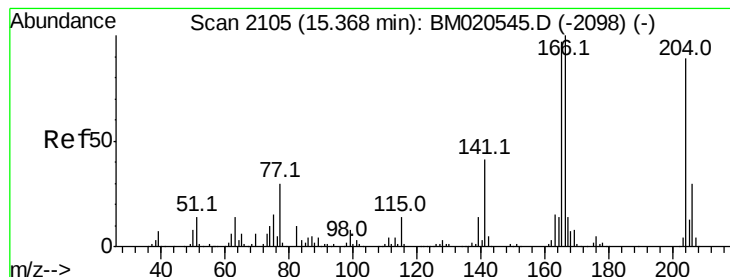
Abundance

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: 33.948 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.03 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

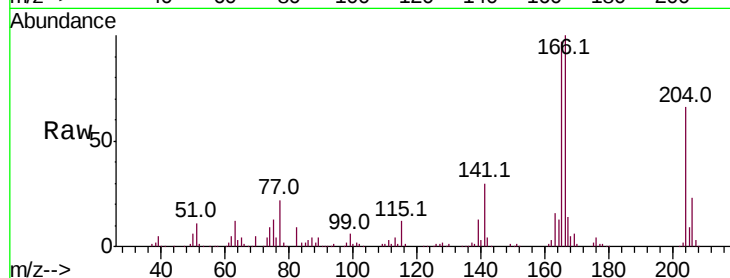
Tot Ion:204 Resp: 231953

Ion Ratio Lower Upper

204 100

206 34.3 26.6 40.0

141 46.1 36.9 55.3

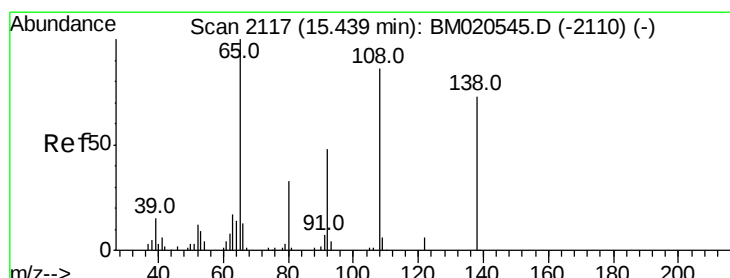
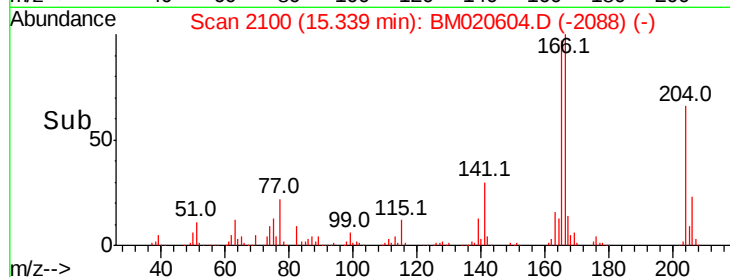
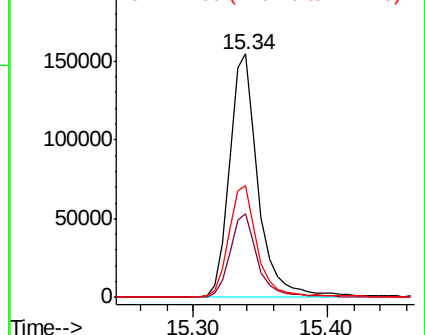


Abundance

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: 17.662 ng

RT: 15.40 min Scan# 2111

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

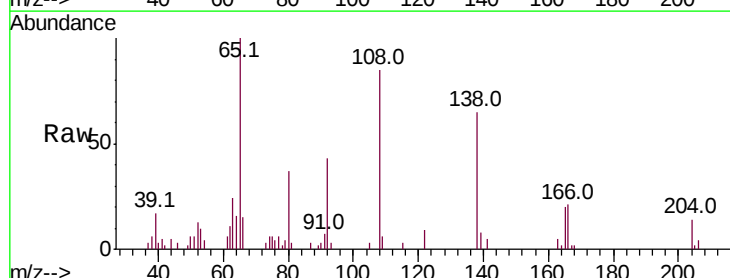
Tgt Ion:138 Resp: 34106

Ion Ratio Lower Upper

138 100

92 65.7 44.5 84.5

108 129.4 95.9 135.9

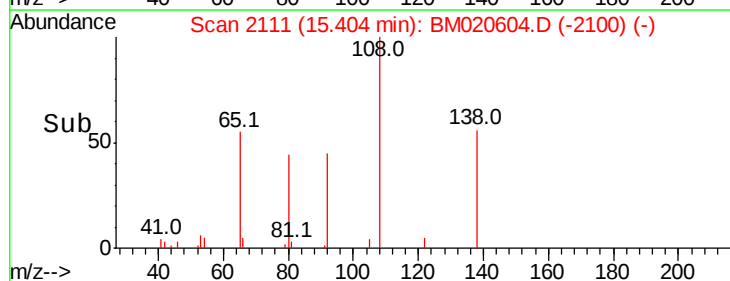
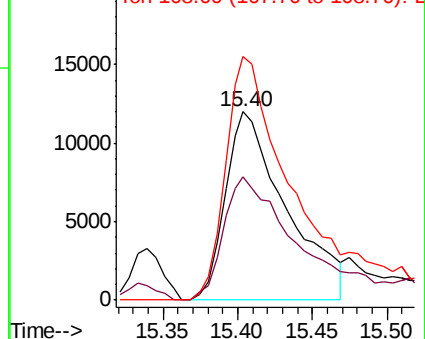


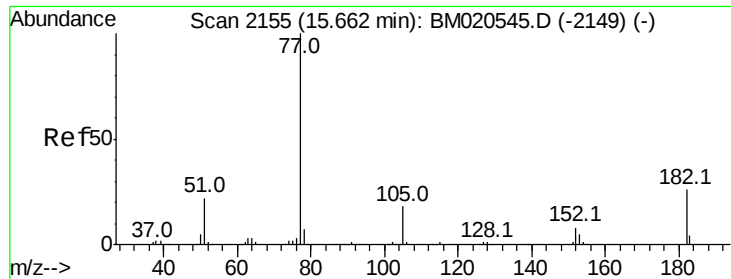
Abundance

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: 33.609 ng

RT: 15.63 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

Tot Ion: 77 Resp: 355153

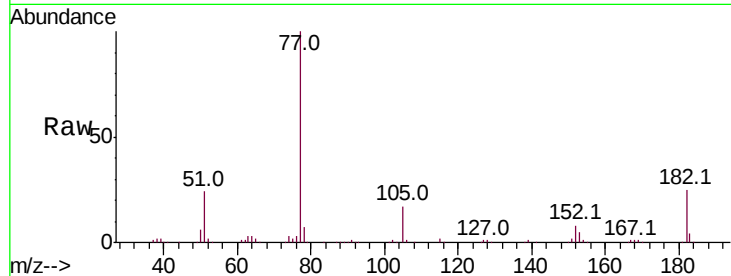
Ion Ratio Lower Upper

77 100

182 24.7 5.7 45.7

105 17.0 0.0 37.6

51 23.8 1.7 41.7

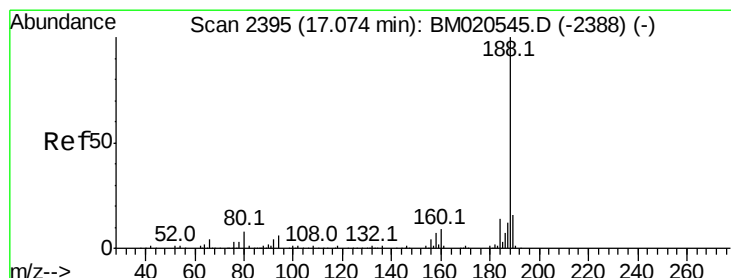
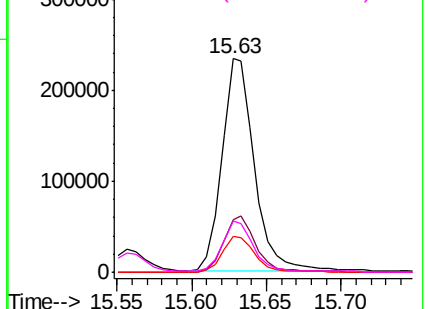
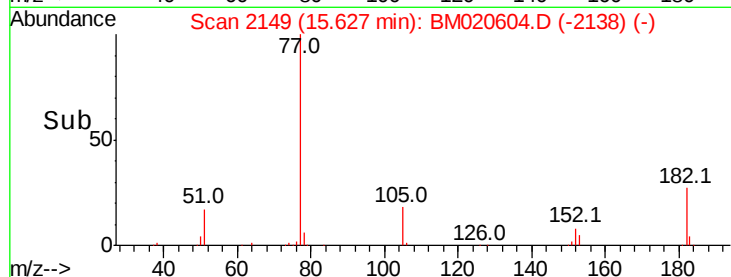


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

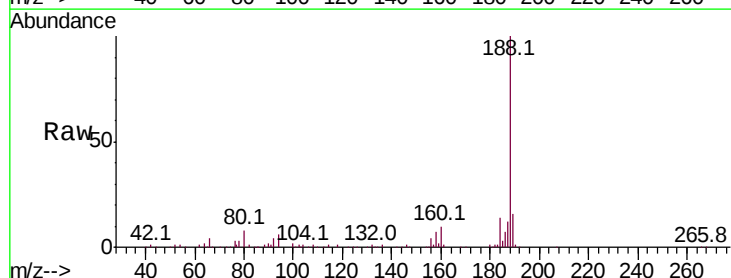
Tgt Ion: 188 Resp: 296216

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

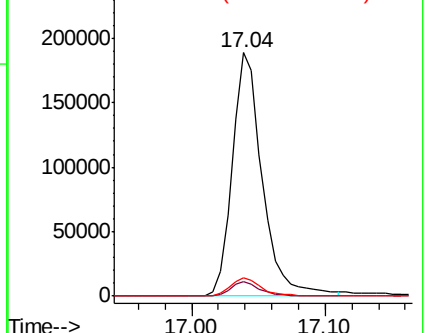
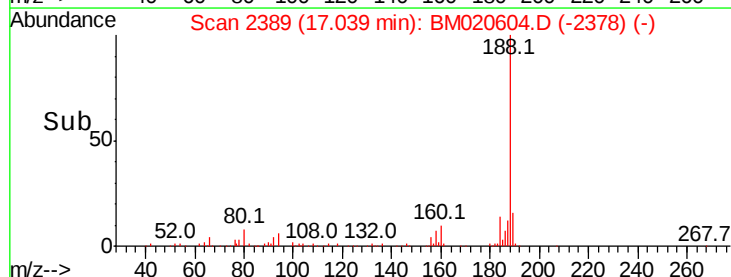
80 7.6 6.5 9.7

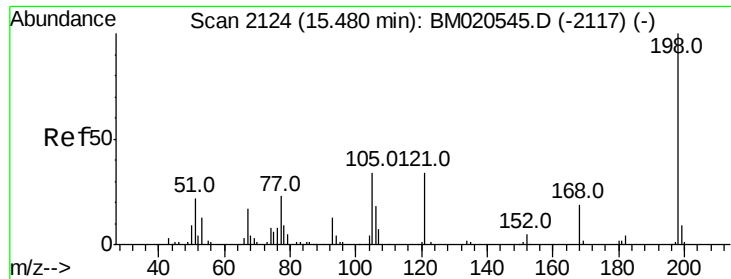


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 25.501 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

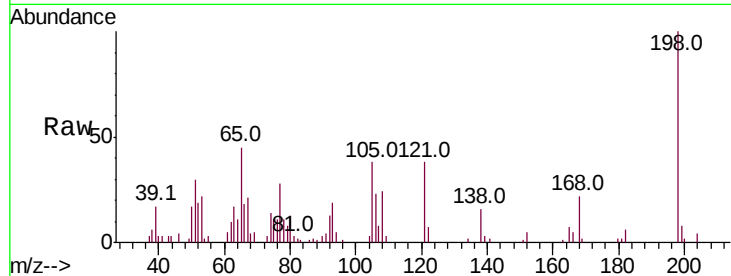
Tot Ion:198 Resp: 41433

Ion Ratio Lower Upper

198 100

51 30.1 6.4 46.4

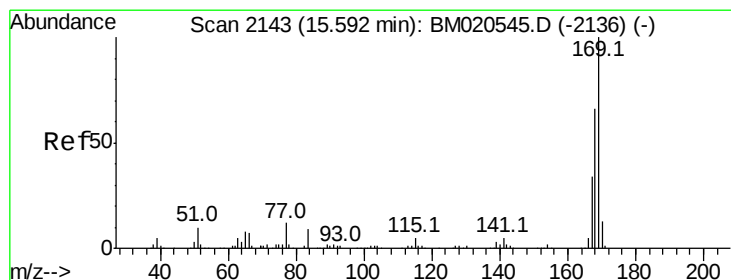
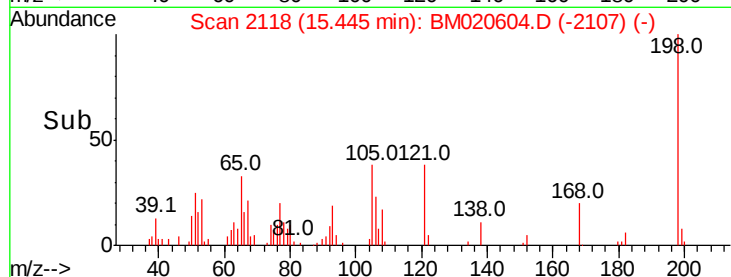
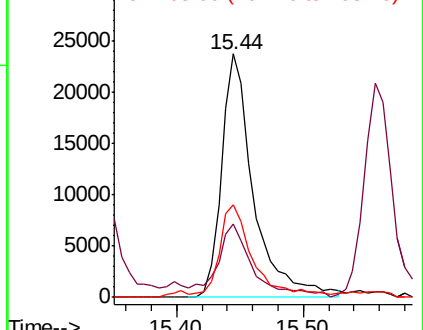
105 38.3 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.793 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

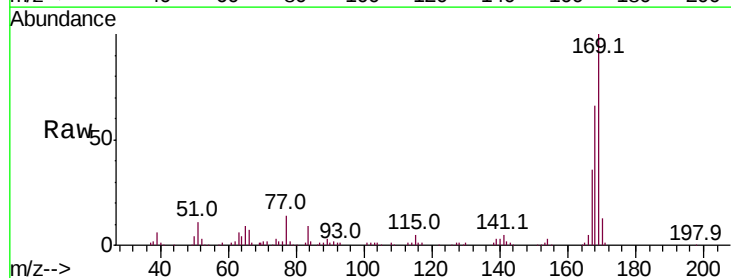
Tgt Ion:169 Resp: 295516

Ion Ratio Lower Upper

169 100

168 66.1 52.5 78.7

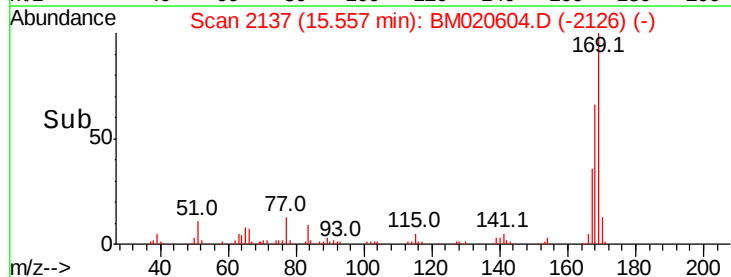
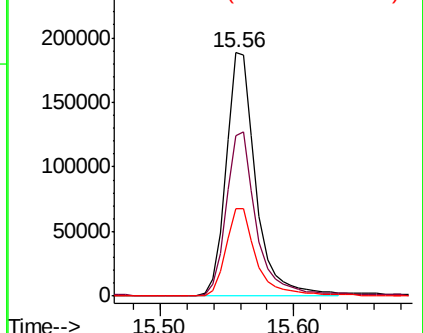
167 35.8 27.5 41.3

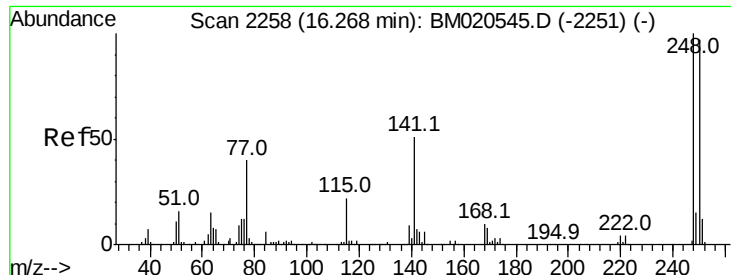


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

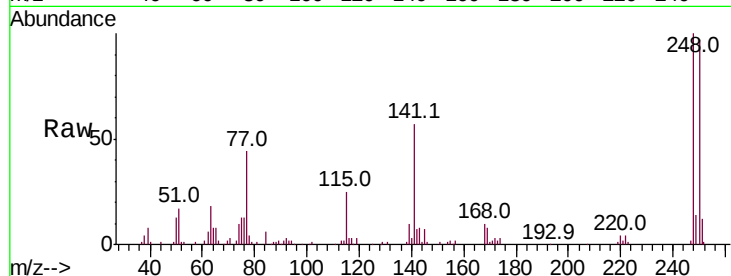




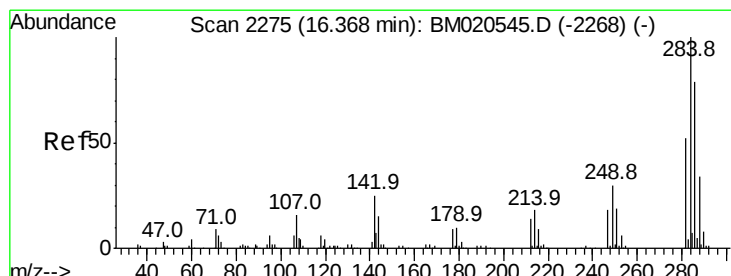
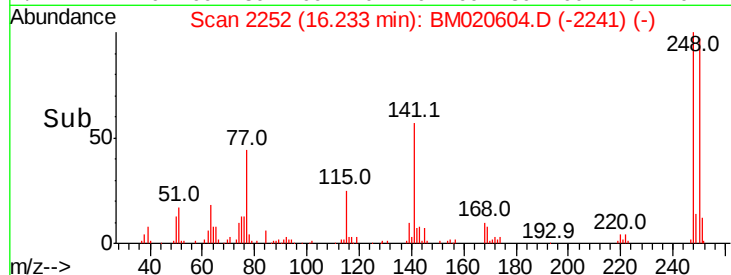
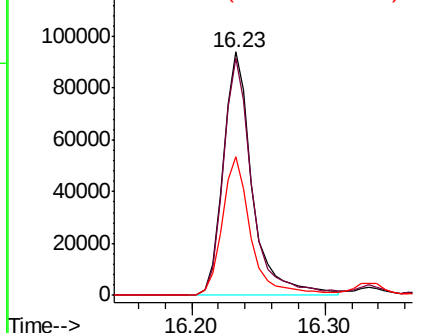
#67
 4-Bromophenyl-phenylether
 Concen: 36.491 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion:248 Resp: 143998
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.8 116.6
 141 56.9 41.0 61.6

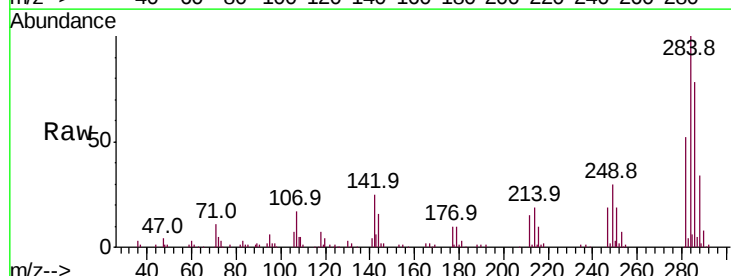


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

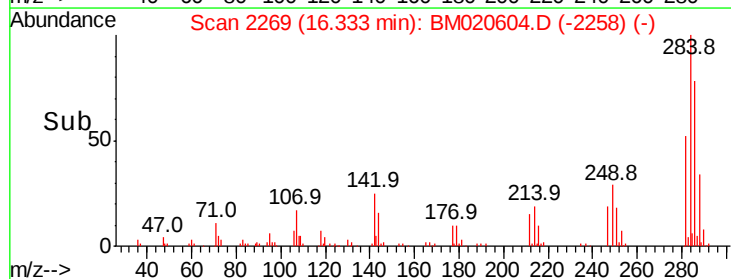
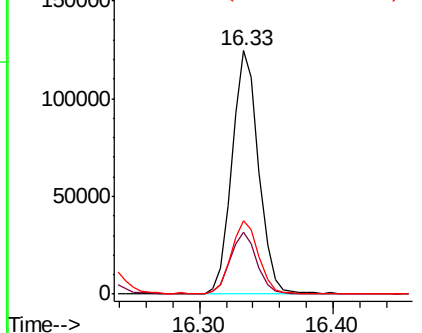


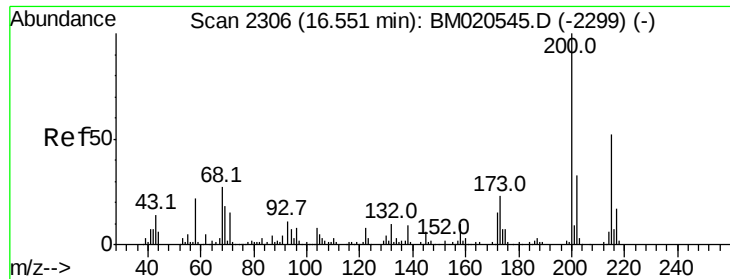
#68
 Hexachlorobenzene
 Concen: 36.264 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion:284 Resp: 173503
 Ion Ratio Lower Upper
 284 100
 142 25.4 20.2 30.2
 249 29.9 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: 34.487 ng

RT: 16.52 min Scan# 2300

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

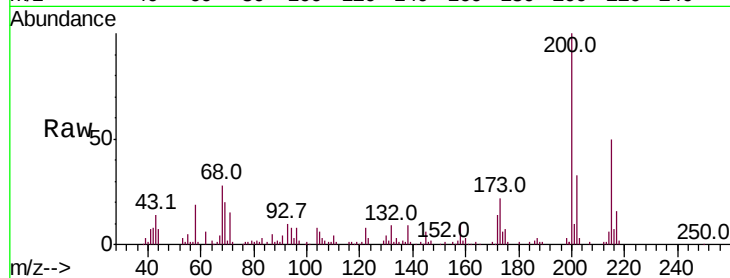
Tot Ion:200 Resp: 113965

Ion Ratio Lower Upper

200 100

173 22.1 3.2 43.2

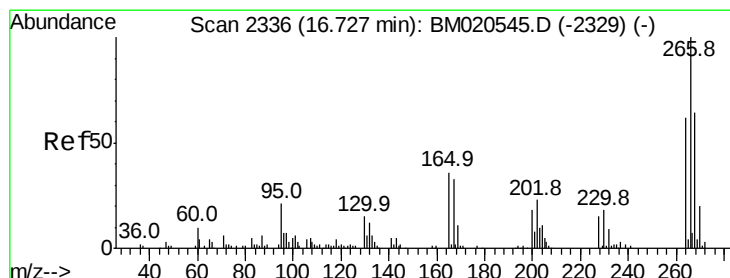
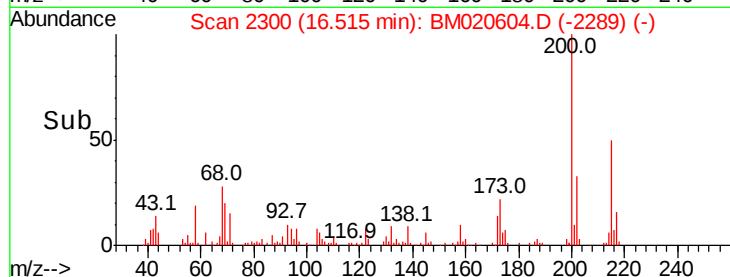
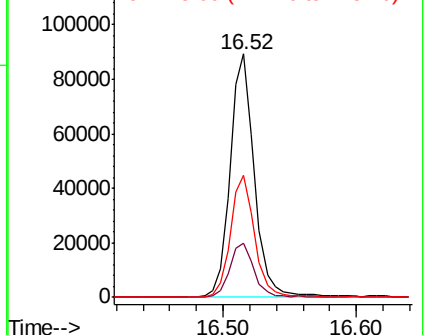
215 50.1 31.7 71.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.980 ng

RT: 16.69 min Scan# 2330

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

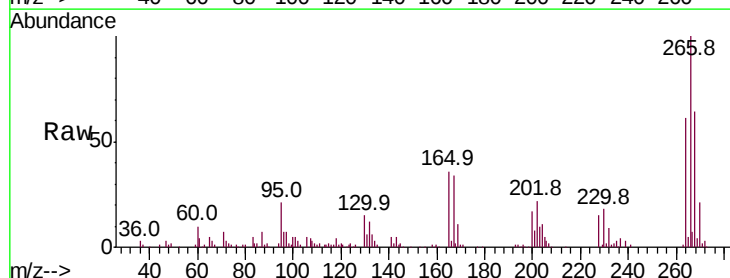
Tgt Ion:266 Resp: 185300

Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

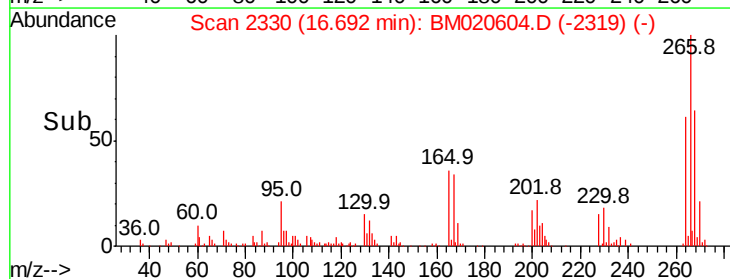
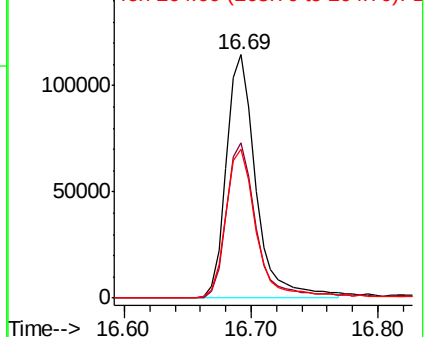
264 60.9 49.8 74.8

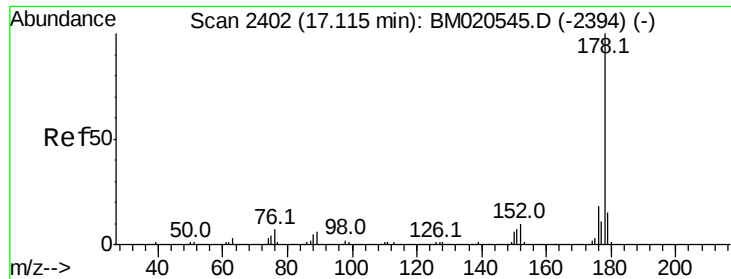


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

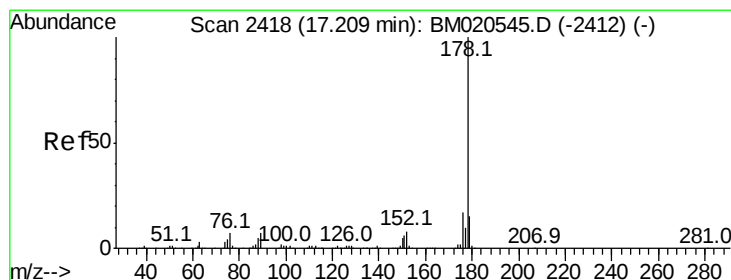
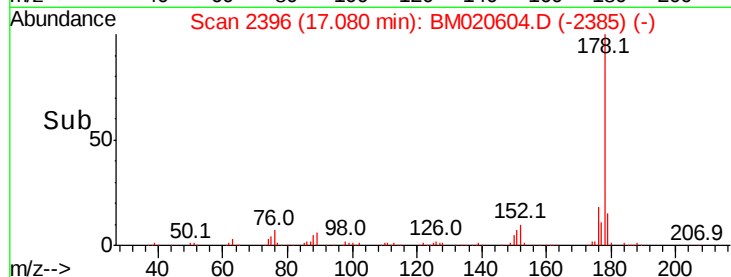
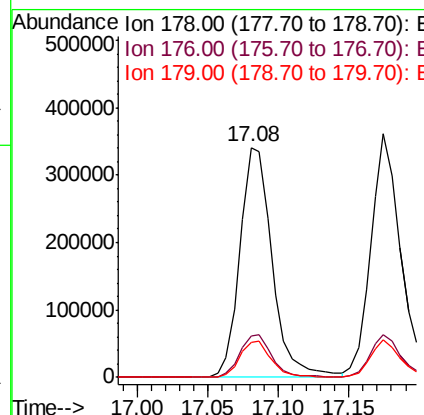
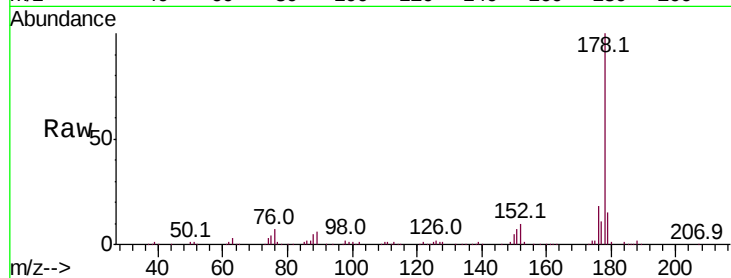




#71
Phenanthrene
Concen: 34.053 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

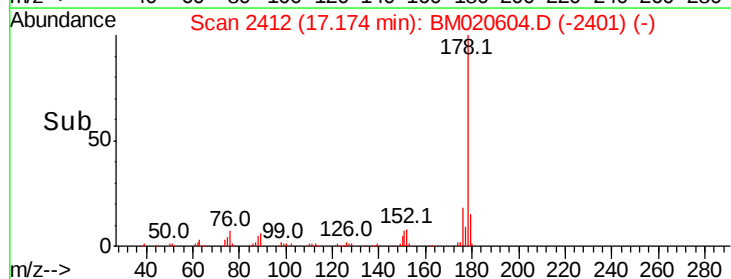
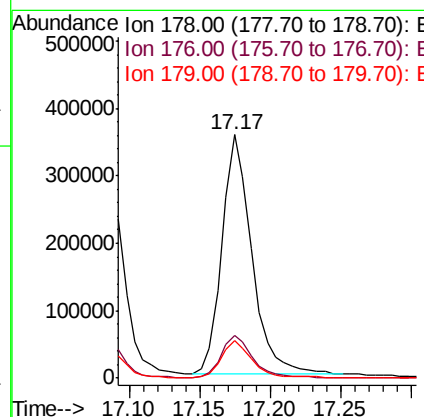
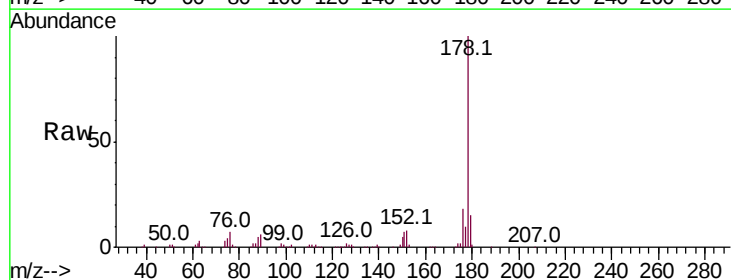
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

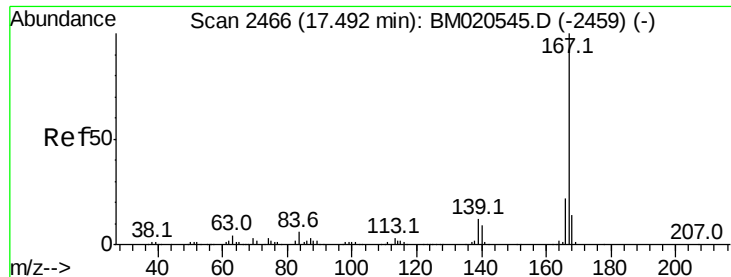
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.2	18.2



#72
Anthracene
Concen: 33.239 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.0	21.0
179	15.3	12.4	18.6

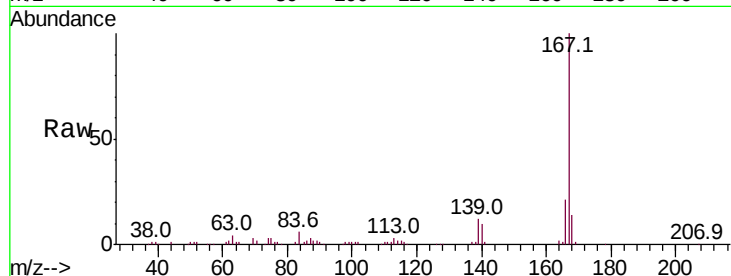




#73
 Carbazole
 Concen: 30.670 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	11.7	9.3	13.9

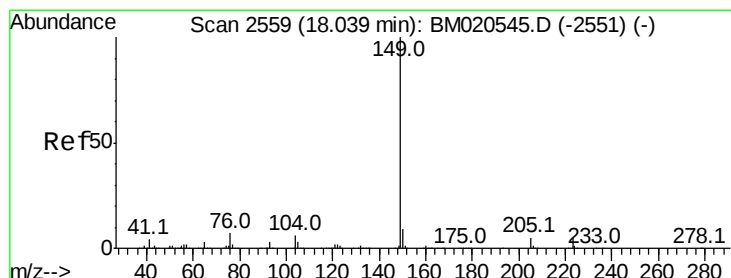
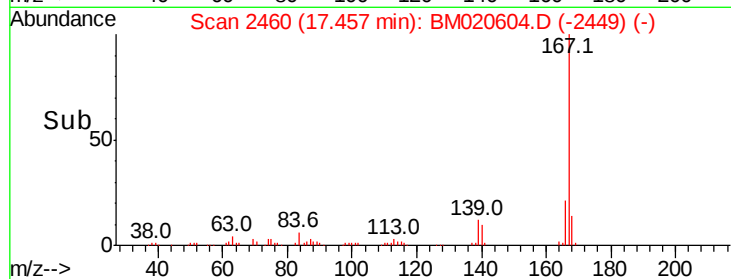
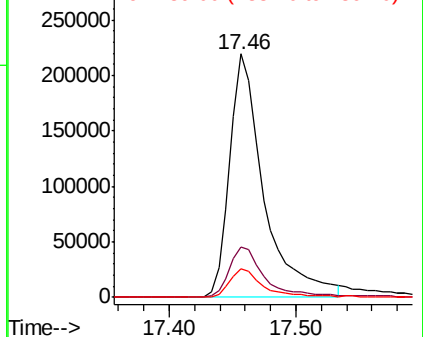


Abundance

Ion 167.00 (166.70 to 167.70): E

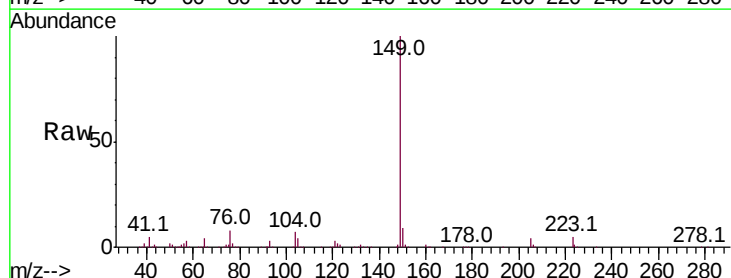
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 31.827 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.04 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	7.1	5.0	7.4

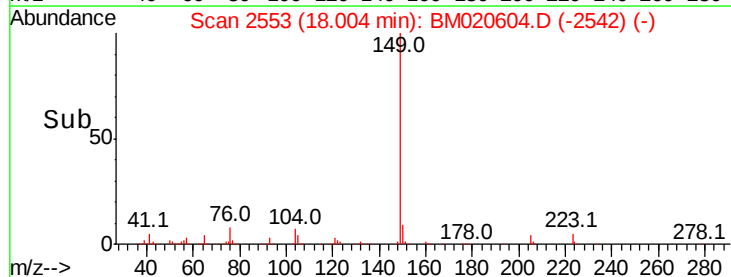
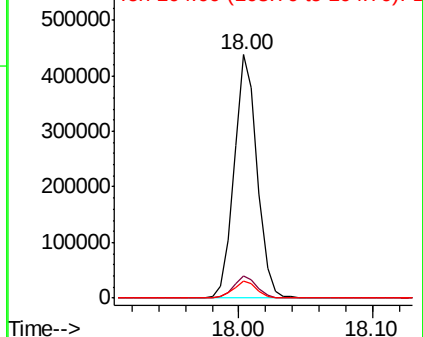


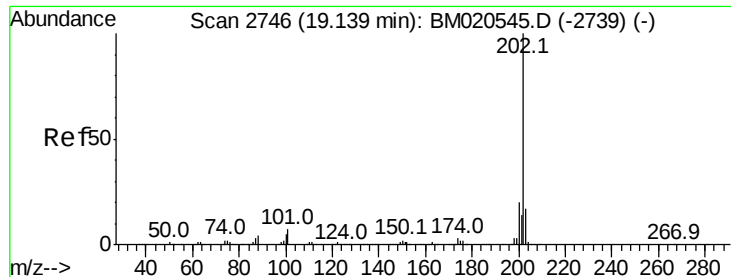
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.877 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

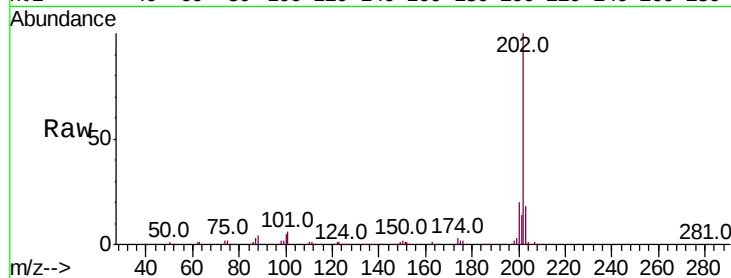
Tot Ion:202 Resp: 690961

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.7

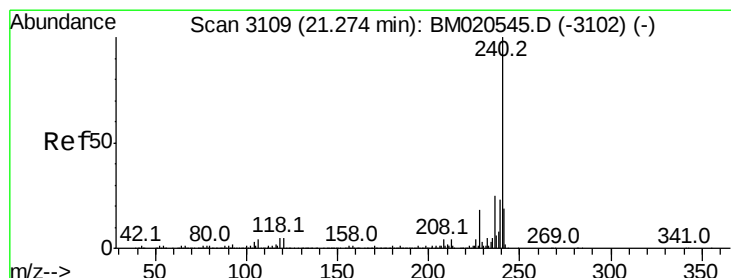
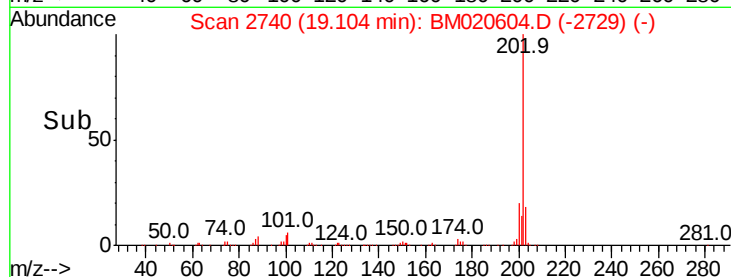
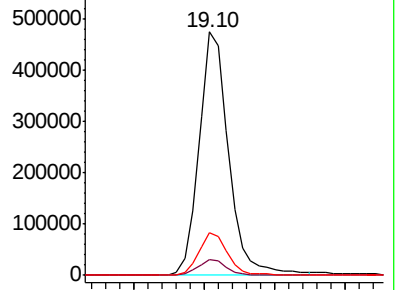
203 17.6 0.0 37.4



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: 21.24 min Scan# 3103

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

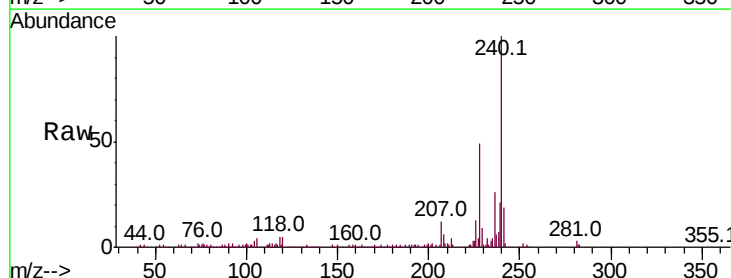
Tgt Ion:240 Resp: 319480

Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

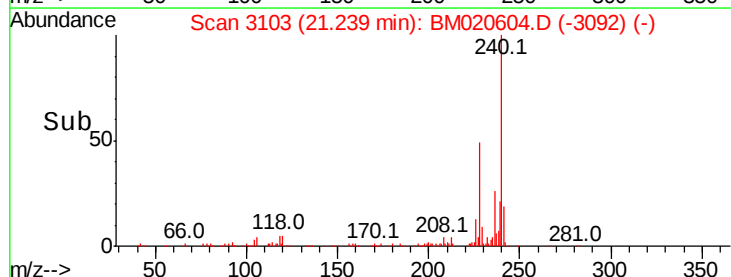
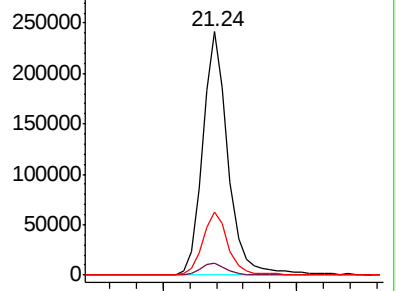
236 25.9 20.2 30.4

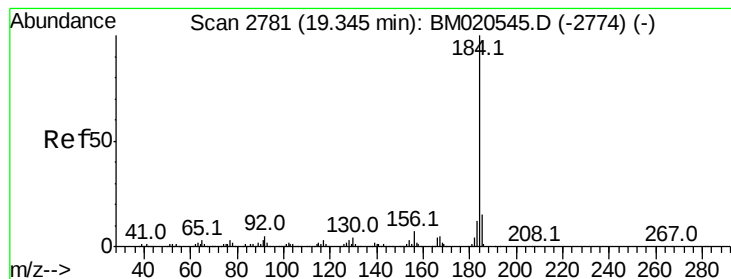


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 79.420 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.03 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

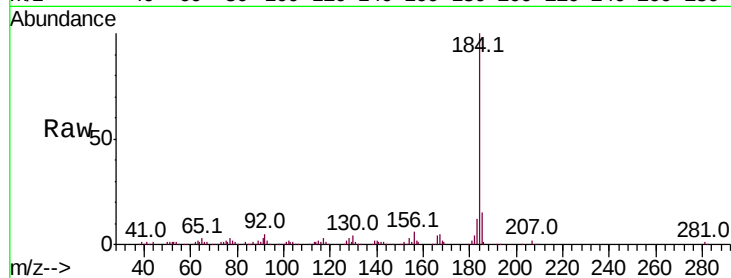
Tot Ion:184 Resp: 466295

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

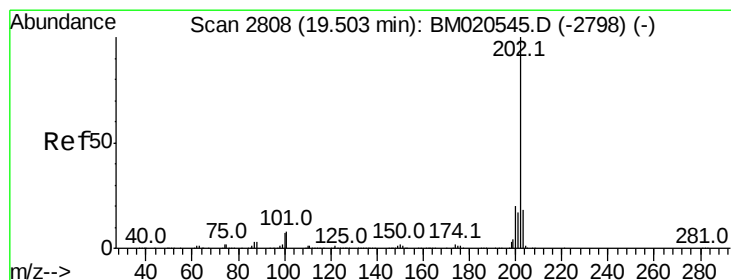
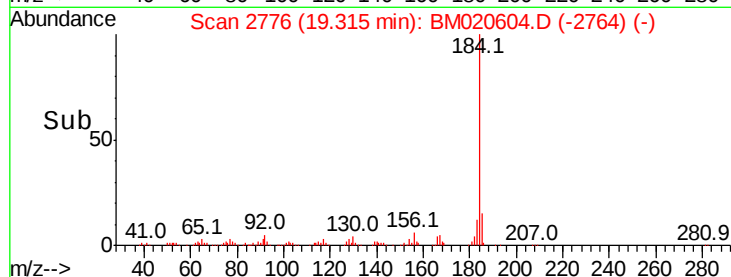
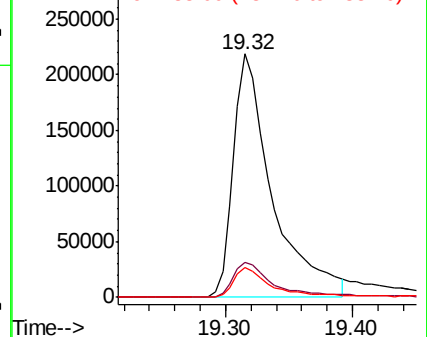
183 12.1 9.7 14.5



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: 35.286 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

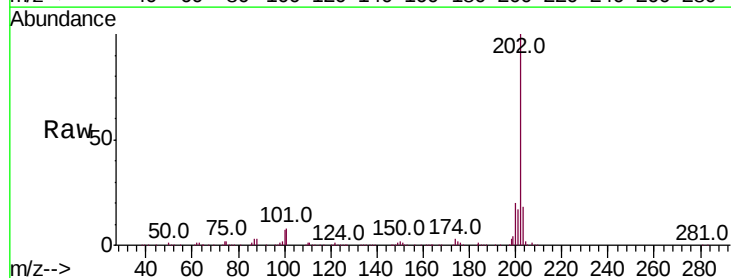
Tgt Ion:202 Resp: 707730

Ion Ratio Lower Upper

202 100

200 20.2 16.0 24.0

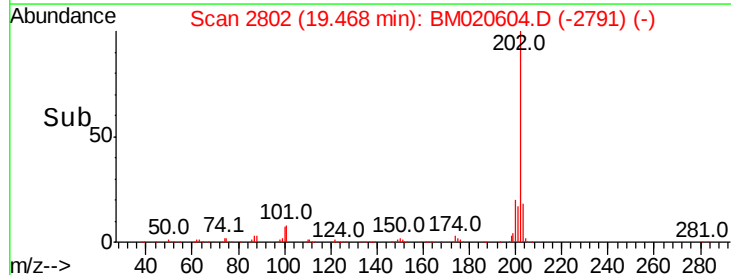
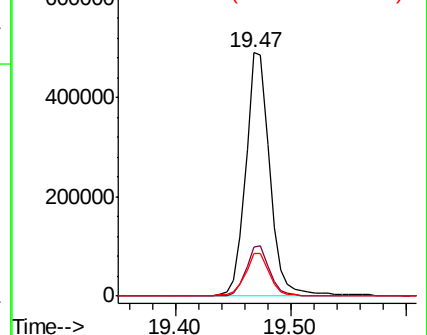
203 17.6 14.1 21.1

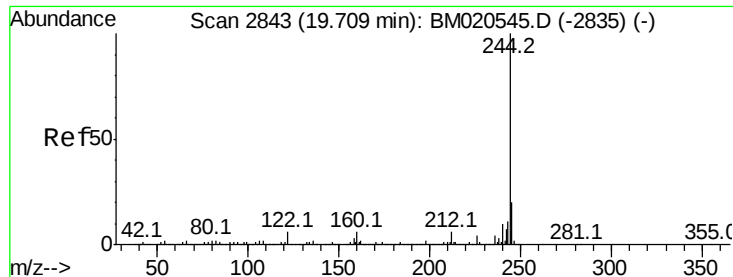


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.817 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

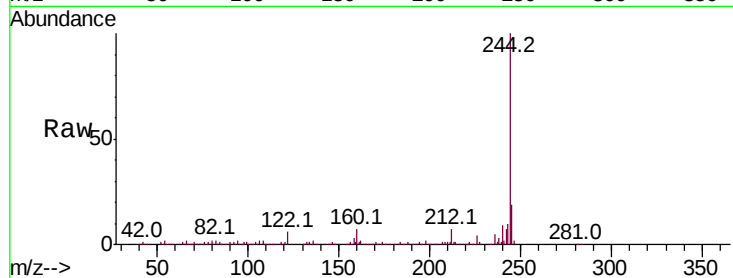
Tot Ion:244 Resp: 1481249

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	5.8	4.6	7.0

244 100

212 6.7 5.0 7.6

122 5.8 4.6 7.0

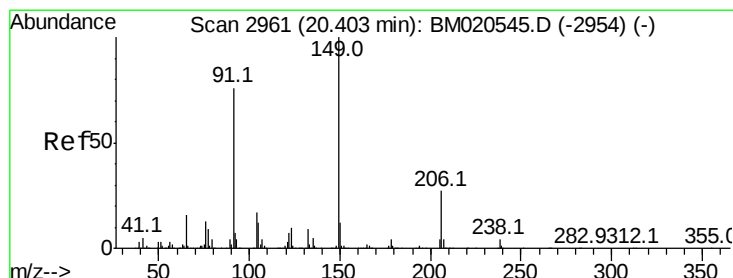
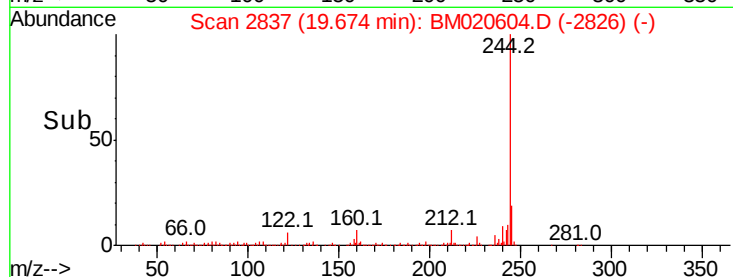
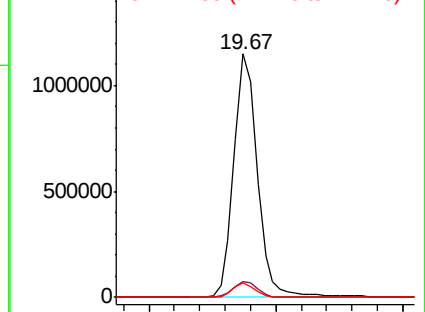


Abundance

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: 30.469 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.03 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

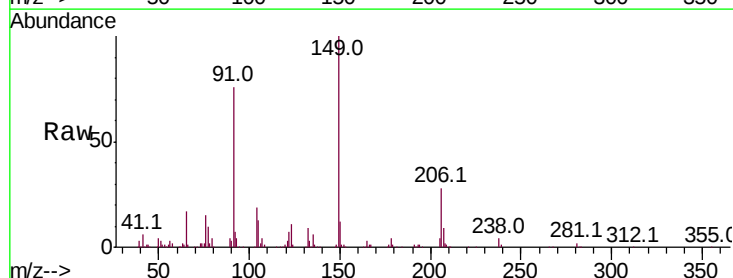
Tgt Ion:149 Resp: 214725

Ion	Ratio	Lower	Upper
149	100		
91	76.3	60.9	91.3
206	27.7	21.6	32.4

149 100

91 76.3 60.9 91.3

206 27.7 21.6 32.4

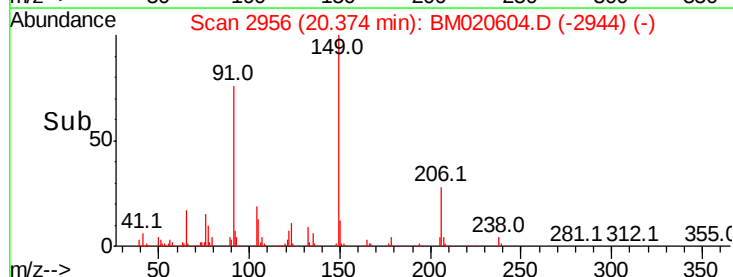
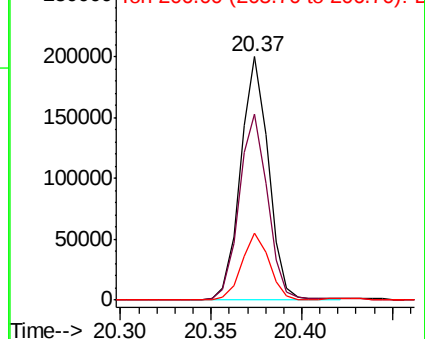


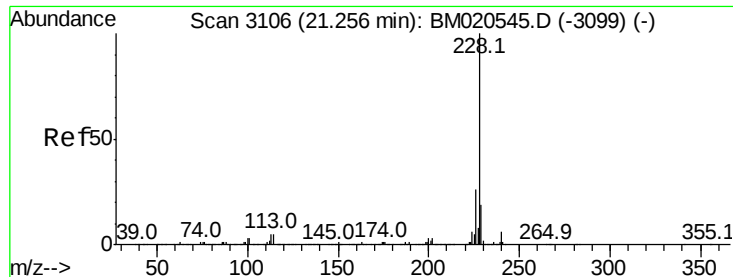
Abundance

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

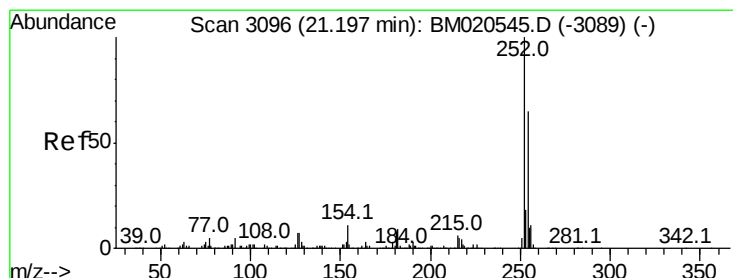
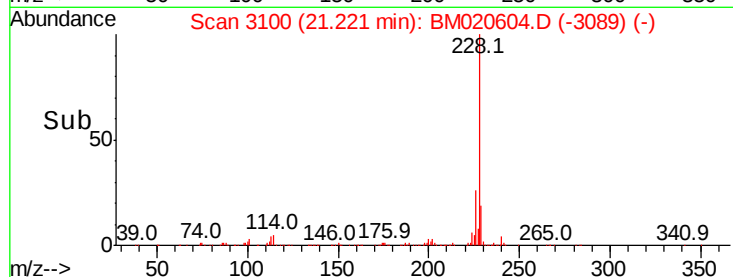
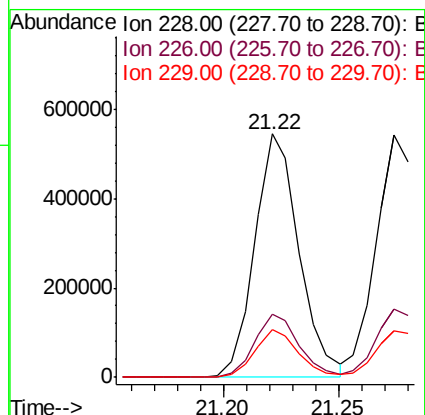
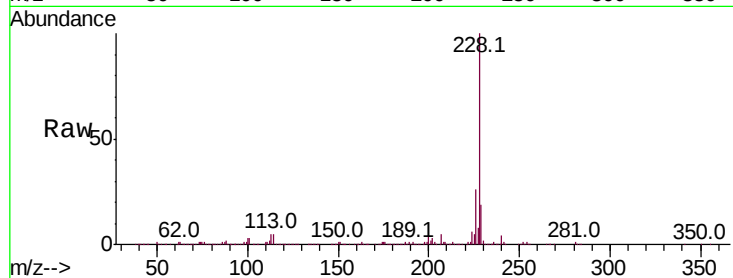




#81
Benzo(a)anthracene
Concen: 32.867 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.04 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

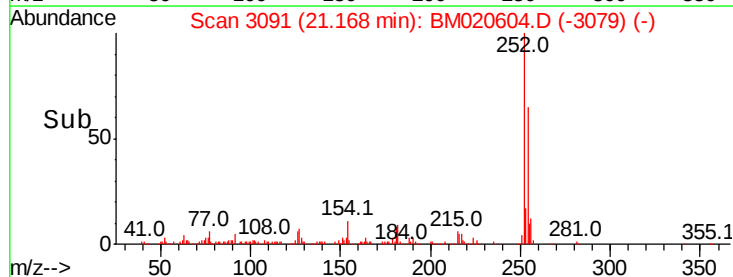
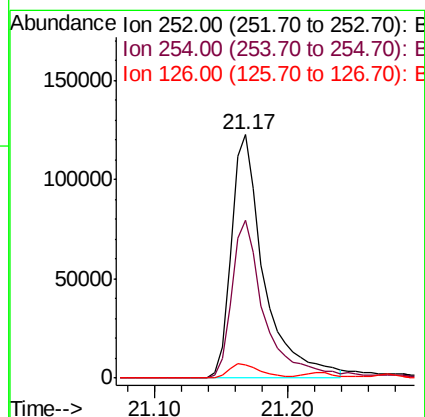
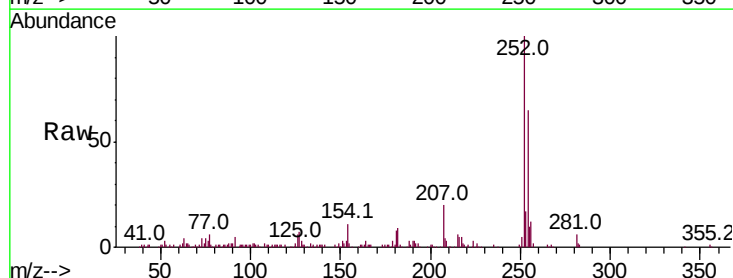
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

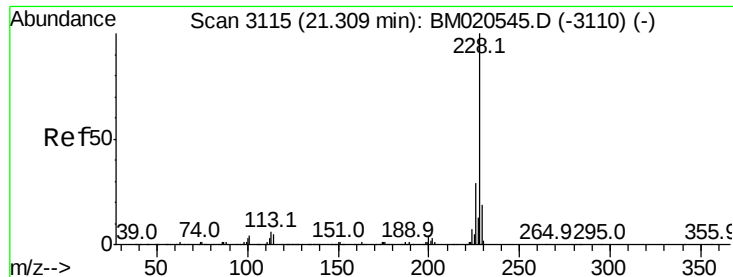
Tot Ion:228 Resp: 726747
Ion Ratio Lower Upper
228 100
226 25.8 20.7 31.1
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 26.103 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.03 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:252 Resp: 210663
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 5.6 5.2 7.8





#83

Chrysene

Concen: 34.890 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

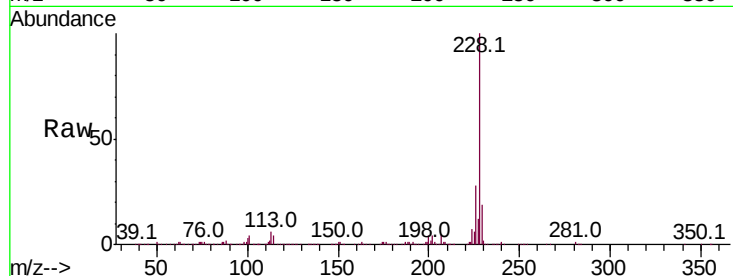
BNA_M

ClientSampleId :

PB120010BSD

Tot Ion:228 Resp: 745459

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.9	34.3
229	19.2	15.4	23.2

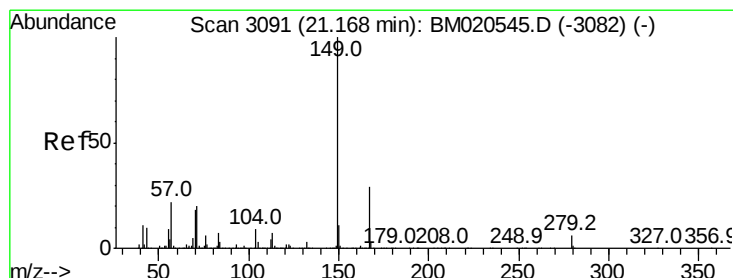
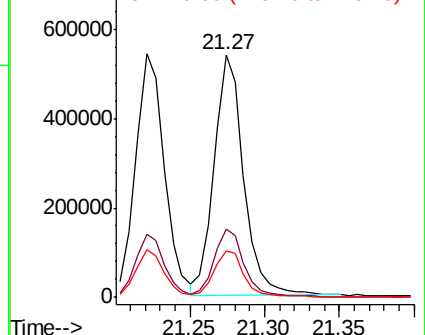
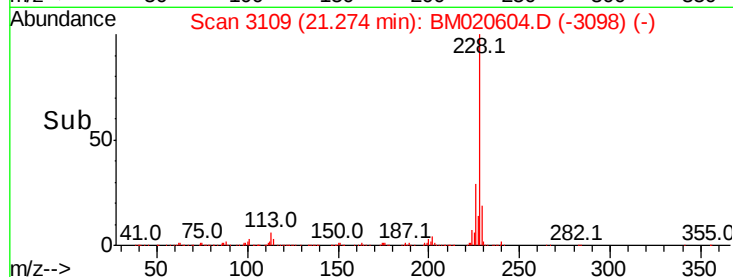


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.075 ng

RT: 21.14 min Scan# 3086

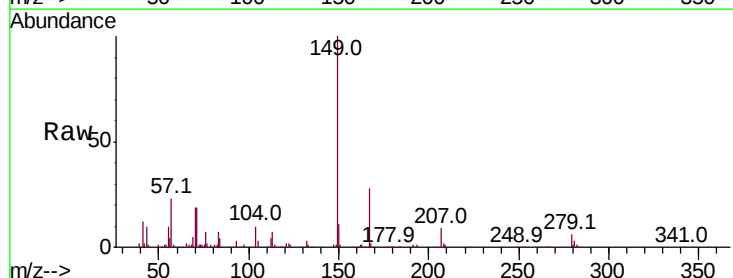
Delta R.T. -0.03 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:149 Resp: 319175

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	5.8	4.9	7.3

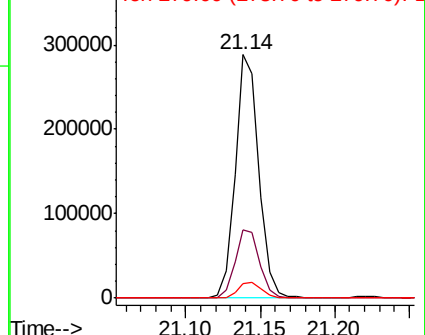
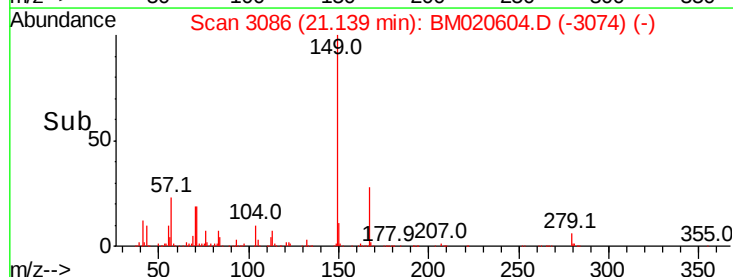


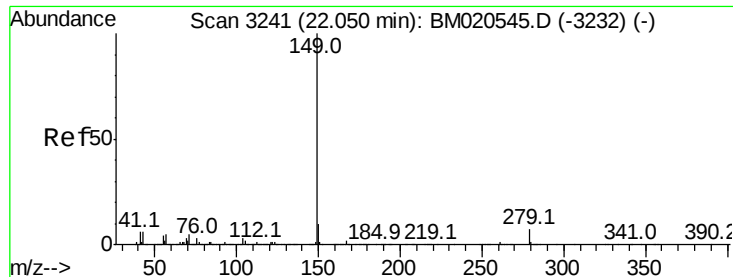
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.032 ng

RT: 22.02 min Scan# 3235

Delta R.T. -0.04 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

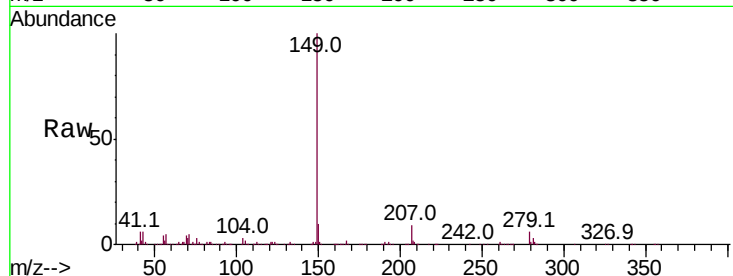
Tot Ion:149 Resp: 571959

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

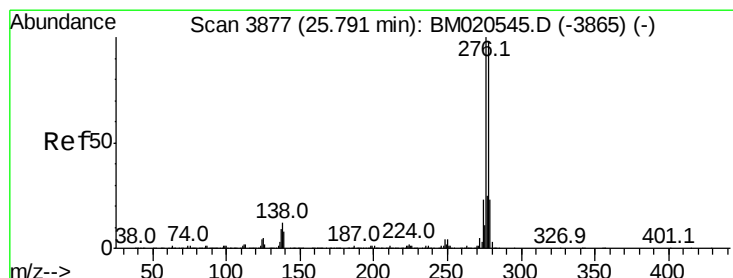
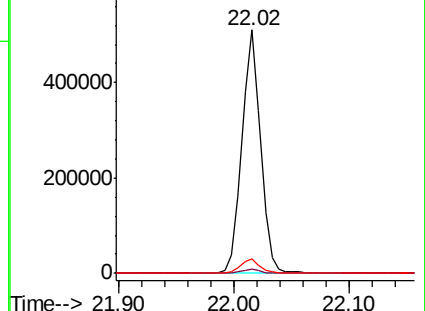
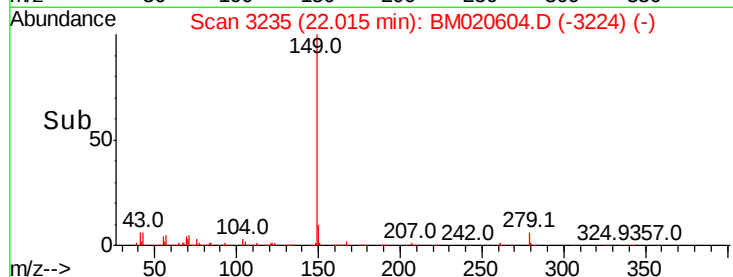
43 6.0 4.8 7.2



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: 39.361 ng

RT: 25.71 min Scan# 3863

Delta R.T. -0.08 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

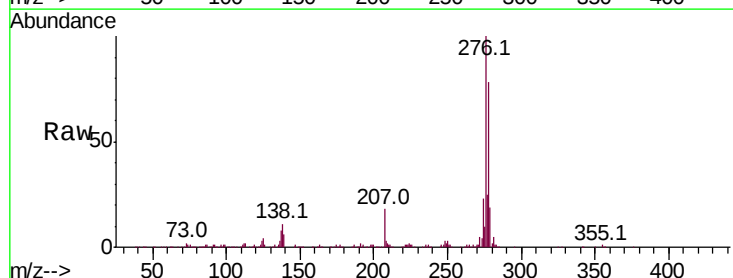
Tgt Ion:276 Resp: 1016840

Ion Ratio Lower Upper

276 100

138 11.2 9.7 14.5

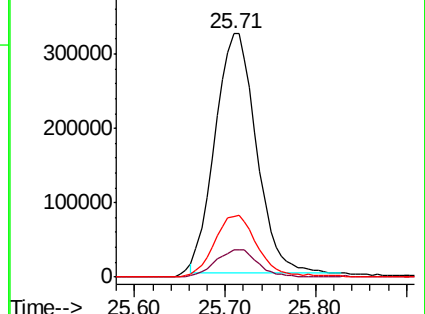
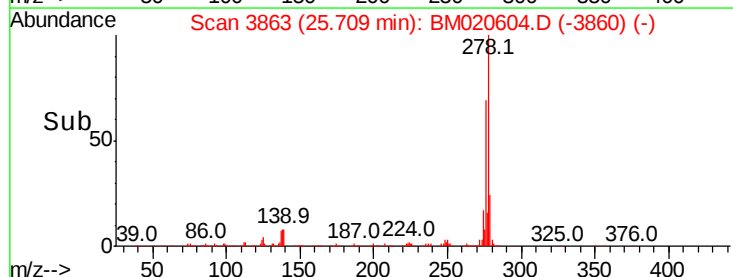
277 25.5 20.4 30.6

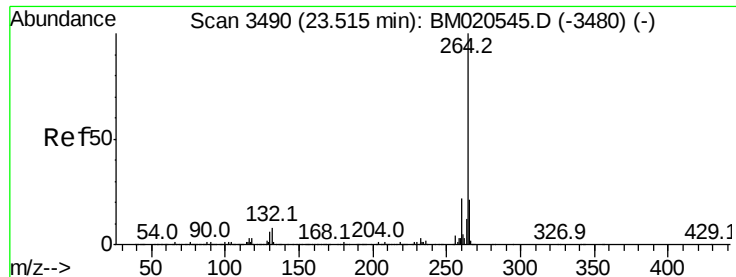


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.46 min Scan# 3481

Delta R.T. -0.05 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

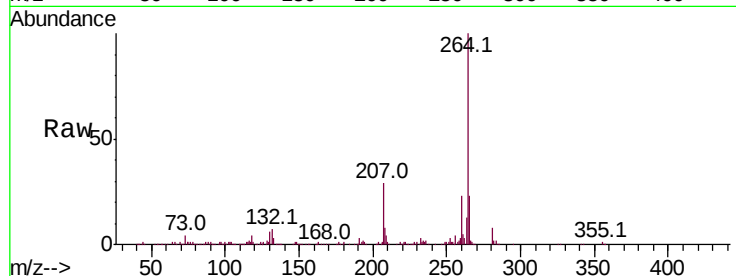
Tot Ion:264 Resp: 381815

Ion Ratio Lower Upper

264 100

260 23.3 17.7 26.5

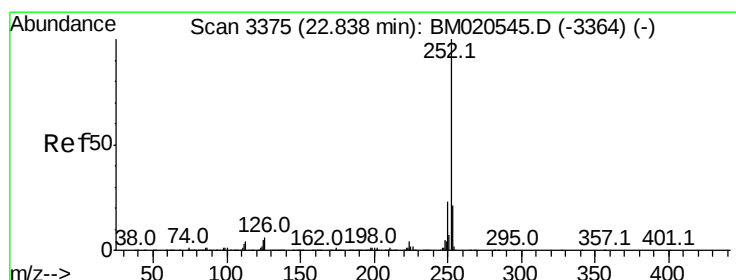
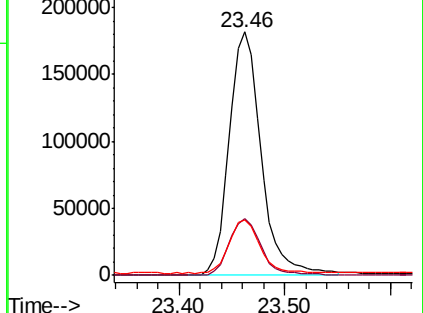
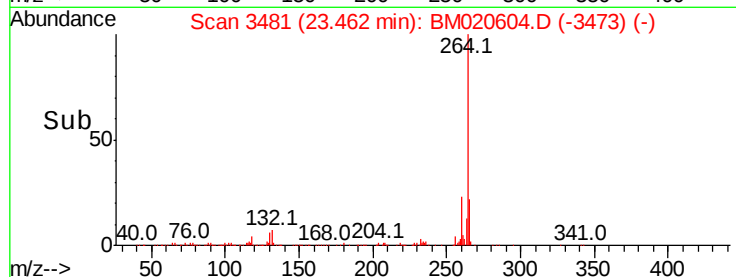
265 22.7 17.4 26.2



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: 33.880 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.05 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

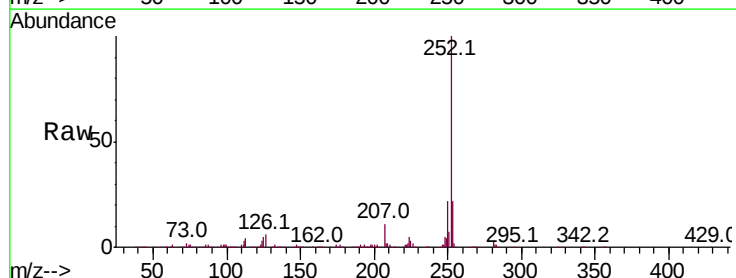
Tgt Ion:252 Resp: 846682

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

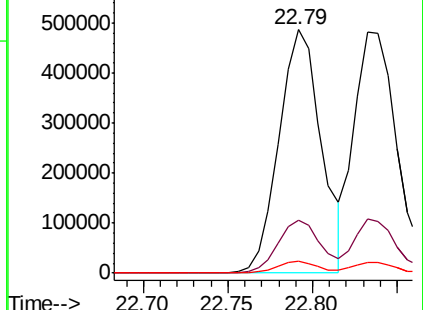
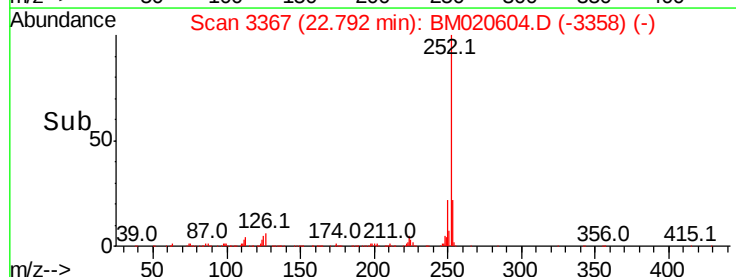
125 4.7 3.8 5.8

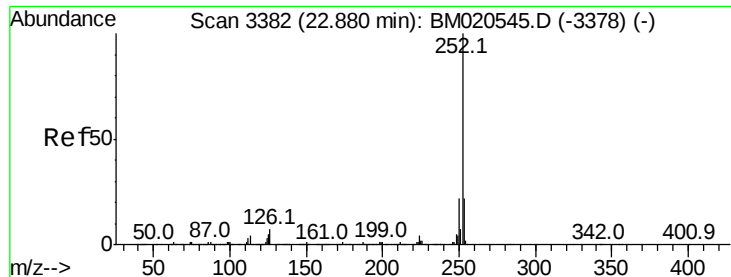


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

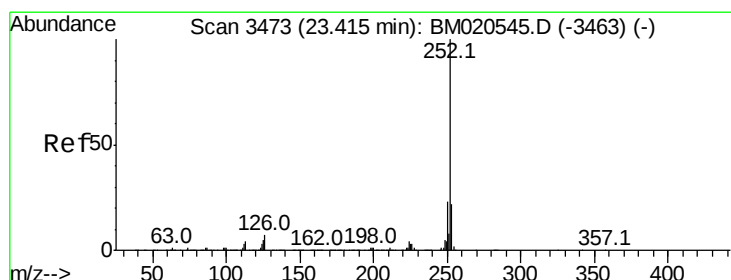
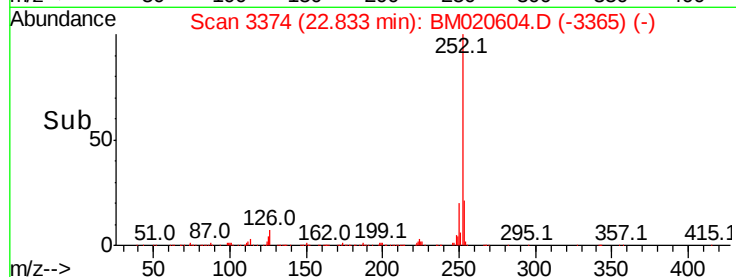
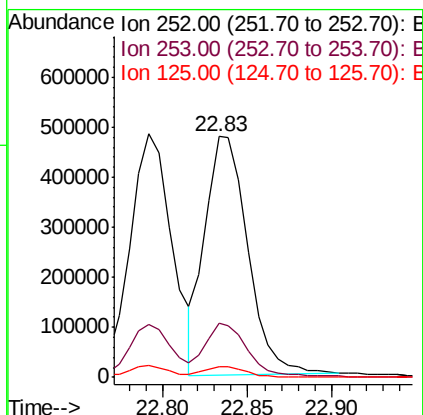
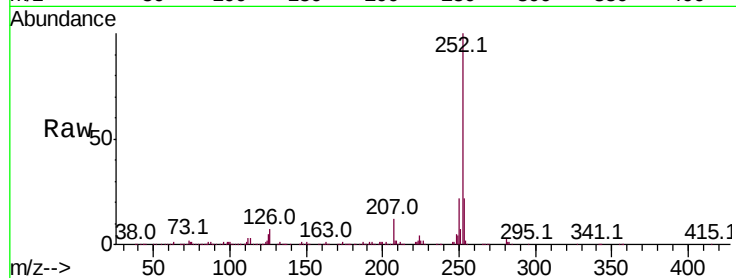




#89
Benzo(k)fluoranthene
Concen: 34.582 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

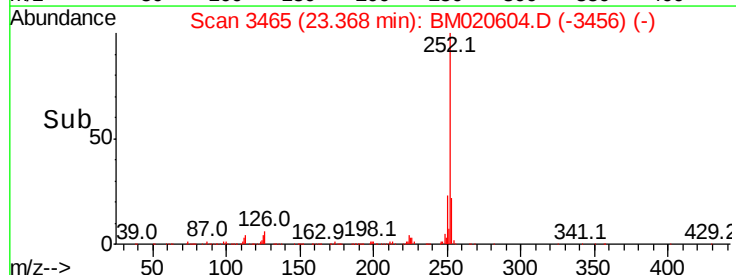
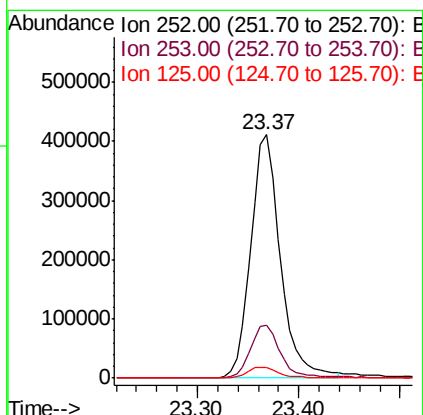
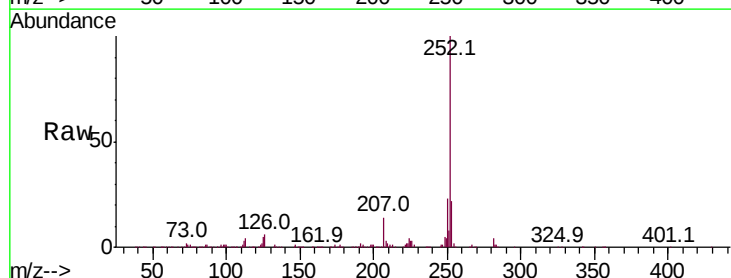
Instrument :
BNA_M
ClientSampleId :
PB120010BSD

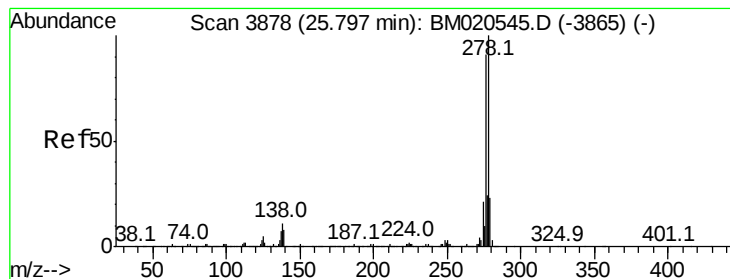
Tot Ion:252 Resp: 838752
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 4.6 4.2 6.4



#90
Benzo(a)pyrene
Concen: 36.381 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.05 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:252 Resp: 836645
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.6 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 38.846 ng

RT: 25.72 min Scan# 3865

Delta R.T. -0.08 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

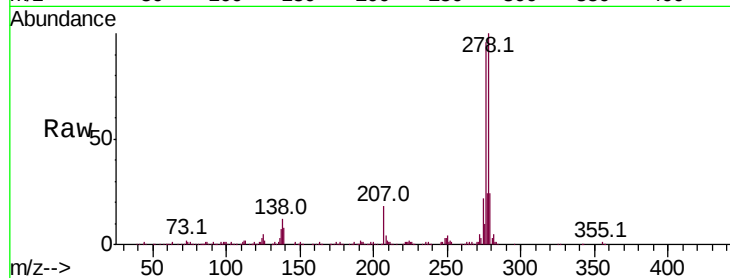
Tot Ion:278 Resp: 914427

Ion Ratio Lower Upper

278 100

139 7.6 6.3 9.5

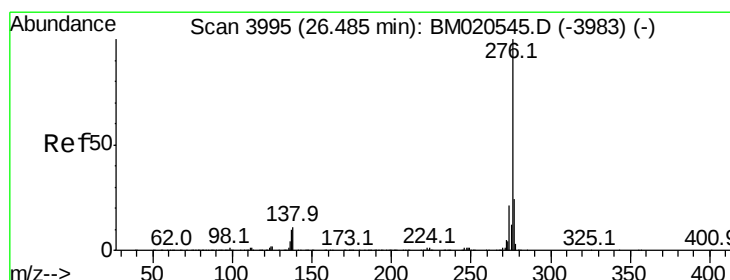
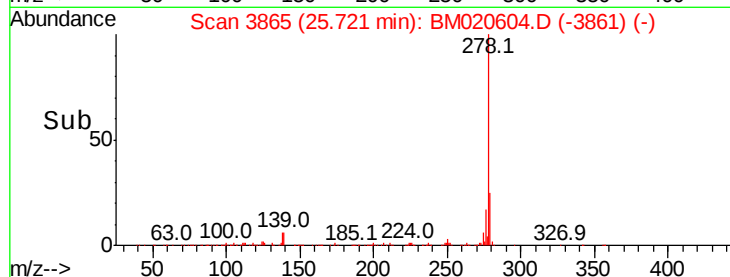
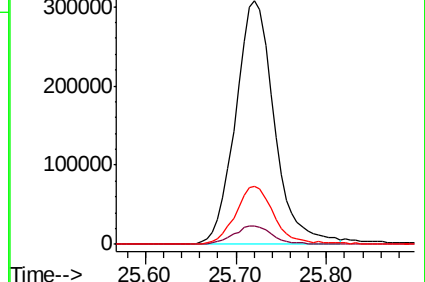
279 23.8 18.3 27.5



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: 39.219 ng

RT: 26.40 min Scan# 3981

Delta R.T. -0.08 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

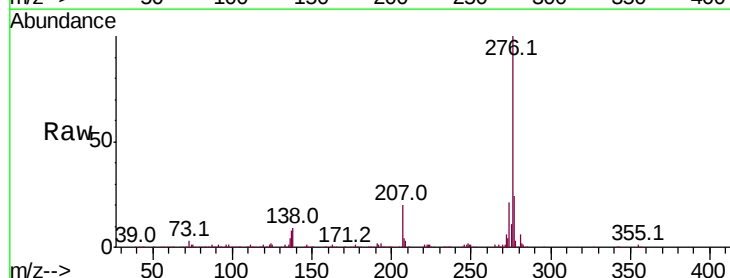
Tgt Ion:276 Resp: 855803

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 9.0 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

