

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020211.D
 Acq On : 09 May 2019 11:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 09 16:16:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	99568	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	382407	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	239460	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	566200	20.00	ng	0.00
76) Chrysene-d12	21.36	240	591796	20.00	ng	-0.01
87) Perylene-d12	23.64	264	682724	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	554829	91.09	ng	0.00
7) Phenol-d6	6.95	99	733444	88.14	ng	0.00
23) Nitrobenzene-d5	8.95	82	834823	86.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	357595	96.21	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1696663	87.18	ng	-0.02
79) Terphenyl-d14	19.80	244	3026706	89.21	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	133351	44.637	ng	# 90
3) Pyridine	3.70	79	364334	47.684	ng	95
4) n-Nitrosodimethylamine	3.62	42	96954	39.572	ng	# 68
6) Aniline	7.12	93	464014	44.296	ng	99
8) 2-Chlorophenol	7.35	128	297101	44.795	ng	97
9) Benzaldehyde	6.93	77	243215	38.616	ng	95
10) Phenol	6.97	94	387105	43.211	ng	92
11) bis(2-Chloroethyl)ether	7.21	93	301022	46.232	ng	97
12) 1,3-Dichlorobenzene	7.66	146	342426	44.374	ng	95
13) 1,4-Dichlorobenzene	7.82	146	346492	44.447	ng	98
14) 1,2-Dichlorobenzene	8.13	146	325518	43.829	ng	97
15) Benzyl Alcohol	8.02	79	327228	40.780	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.31	45	218123	40.400	ng	95
17) 2-Methylphenol	8.22	107	249747	43.307	ng	95
18) Hexachloroethane	8.85	117	139417	42.892	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	300506	42.209	ng	94
20) 3+4-Methylphenols	8.55	107	338497	44.165	ng	96
22) Acetophenone	8.61	105	449421	43.002	ng	# 95
24) Nitrobenzene	8.99	77	429171	42.734	ng	96
25) Isophorone	9.51	82	746688	44.703	ng	98
26) 2-Nitrophenol	9.69	139	167003	55.081	ng	96
27) 2,4-Dimethylphenol	9.75	122	222190	44.018	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	409978	45.066	ng	99
29) 2,4-Dichlorophenol	10.22	162	294601	46.285	ng	97
30) 1,2,4-Trichlorobenzene	10.43	180	349185	44.585	ng	96
31) Naphthalene	10.62	128	877949	44.241	ng	100
32) Benzoic acid	9.89	122	161462	45.376	ng	93
33) 4-Chloroaniline	10.74	127	358601	43.904	ng	97
34) Hexachlorobutadiene	10.89	225	242444	43.760	ng	99
35) Caprolactam	11.55	113	89698	47.130	ng	99
36) 4-Chloro-3-methylphenol	11.86	107	331465	44.314	ng	96
37) 2-Methylnaphthalene	12.24	142	646125	44.661	ng	96
38) 1-Methylnaphthalene	12.46	142	628215	44.406	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	419505	44.778	ng	98

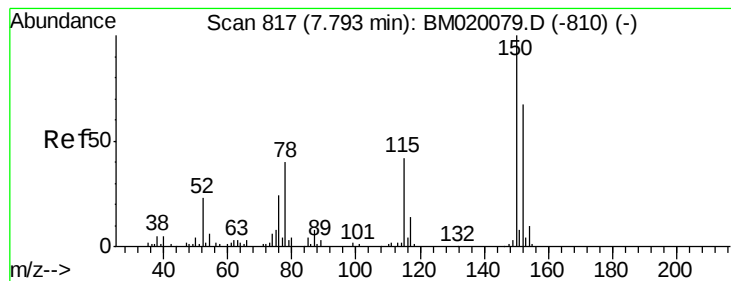
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020211.D
 Acq On : 09 May 2019 11:27
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	235023	42.605	ng	97
43) 2,4,6-Trichlorophenol	12.85	196	256122	48.103	ng	97
44) 2,4,5-Trichlorophenol	12.92	196	271312	45.613	ng	97
46) 1,1'-Biphenyl	13.26	154	867282	44.002	ng	99
47) 2-Chloronaphthalene	13.30	162	689226	43.797	ng	98
48) 2-Nitroaniline	13.52	65	245799	43.873	ng	89
49) Acenaphthylene	14.15	152	1106960	43.953	ng	99
50) Dimethylphthalate	13.89	163	890738	43.766	ng	99
51) 2,6-Dinitrotoluene	14.02	165	195954	45.713	ng	87
52) Acenaphthene	14.49	154	630049	43.625	ng	99
53) 3-Nitroaniline	14.35	138	176892	44.462	ng	97
54) 2,4-Dinitrophenol	14.55	184	108900	53.819	ng	92
55) Dibenzofuran	14.83	168	1053547	43.247	ng	96
56) 4-Nitrophenol	14.65	139	149425	44.020	ng	87
57) 2,4-Dinitrotoluene	14.80	165	274724	47.165	ng	94
58) Fluorene	15.47	166	859185	42.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	259698	45.944	ng	95
60) Diethylphthalate	15.24	149	881628	42.997	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	487395	42.995	ng	95
62) 4-Nitroaniline	15.51	138	193914	44.166	ng	93
63) Azobenzene	15.76	77	960894	39.723	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	160420	54.937	ng	95
66) n-Nitrosodiphenylamine	15.69	169	744795	44.704	ng	97
67) 4-Bromophenyl-phenylether	16.36	248	314938	45.360	ng	96
68) Hexachlorobenzene	16.47	284	359758	45.028	ng	97
69) Atrazine	16.64	200	294769	45.273	ng	98
70) Pentachlorophenol	16.82	266	215958	47.241	ng	100
71) Phenanthrene	17.22	178	1388331	44.420	ng	99
72) Anthracene	17.30	178	1385969	44.352	ng	99
73) Carbazole	17.58	167	1243384	44.097	ng	99
74) Di-n-butylphthalate	18.13	149	1543048	45.473	ng	97
75) Fluoranthene	19.23	202	1762160	44.561	ng	100
77) Benzidine	19.43	184	794660	42.001	ng	98
78) Pyrene	19.60	202	1799673	45.295	ng	100
80) Butylbenzylphthalate	20.49	149	716699	49.603	ng	97
81) Benzo(a)anthracene	21.34	228	1834496	44.202	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	735606	46.439	ng	98
83) Chrysene	21.40	228	1775264	44.105	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1049879	46.826	ng	99
85) Di-n-octyl phthalate	22.15	149	1791093	48.064	ng	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	2253055	47.060	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1865093	41.370	ng	99
89) Benzo(k)fluoranthene	23.00	252	1799249	43.751	ng	99
90) Benzo(a)pyrene	23.55	252	1765564	43.115	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1893982	44.474	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1812433	44.827	ng	99

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

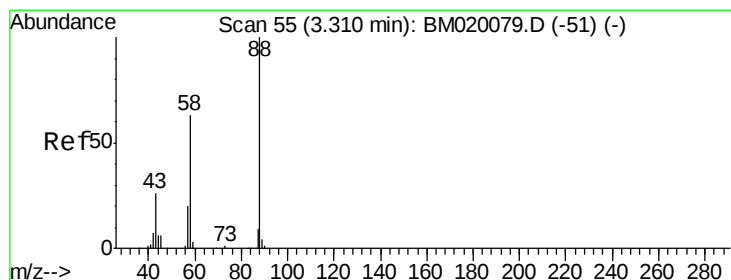
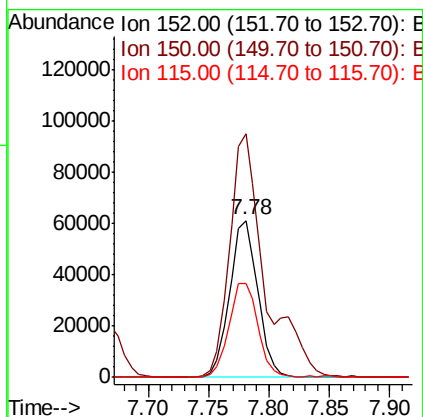
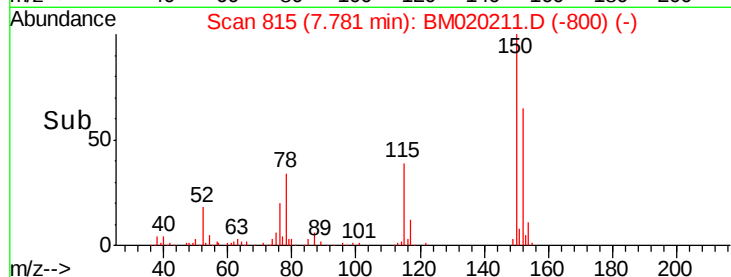
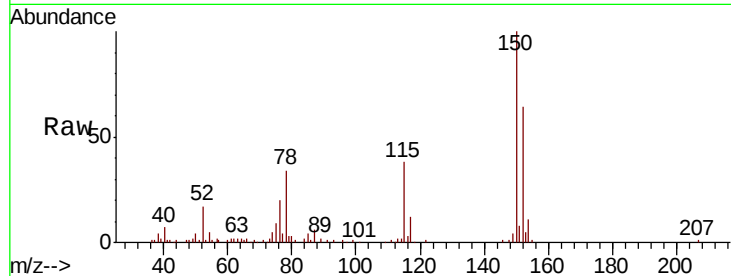


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampleId :

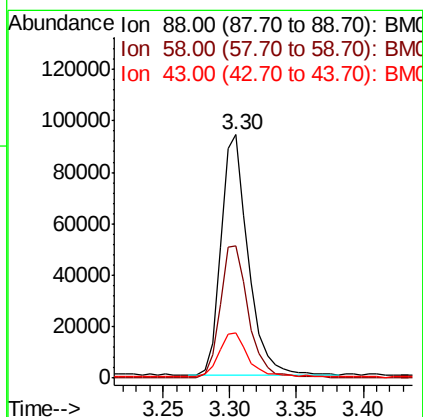
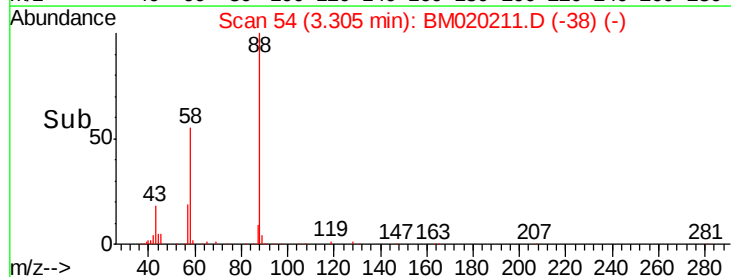
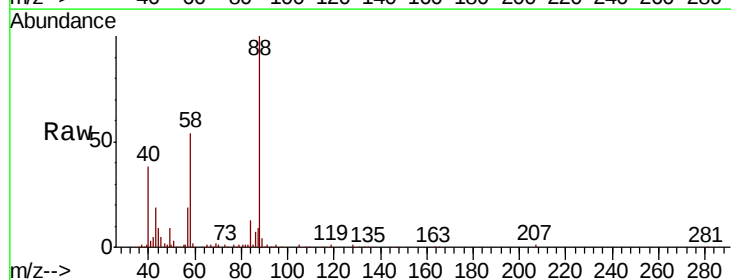
Tot Ion:152 Resp: 99568
Ion Ratio Lower Upper
152 100
150 155.2 119.8 179.8
115 59.5 50.8 76.2

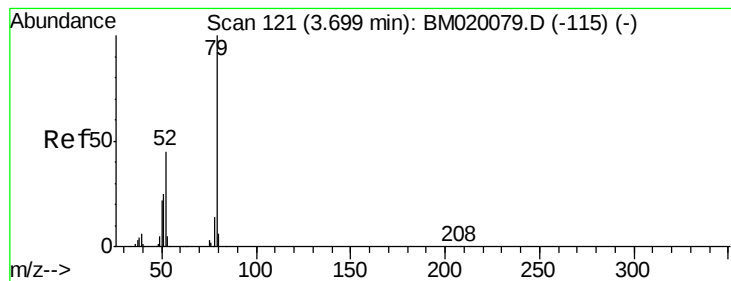


#2

1,4-Dioxane
Concen: 44.637 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion: 88 Resp: 133351
Ion Ratio Lower Upper
88 100
58 57.8 51.8 77.6
43 19.5 20.3 30.5#





#3

Pvridine

Concen: 47.684 ng

RT: 3.70 min Scan# 122

Delta R.T. 0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampled :

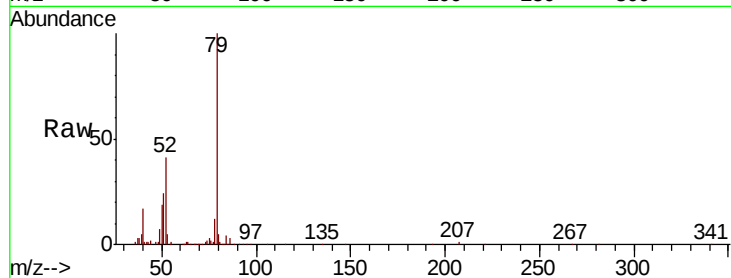
Tot Ion: 79 Resp: 364334

Ion Ratio Lower Upper

79 100

52 40.6 35.7 53.5

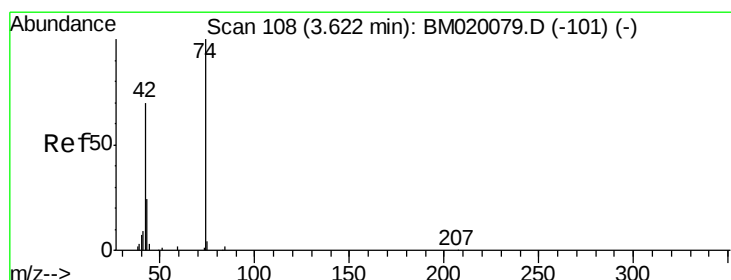
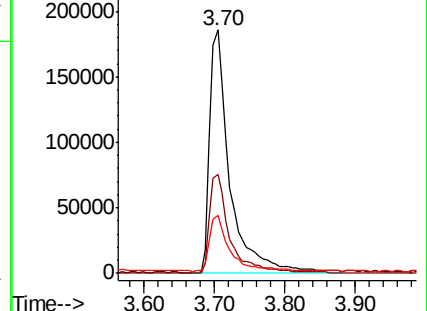
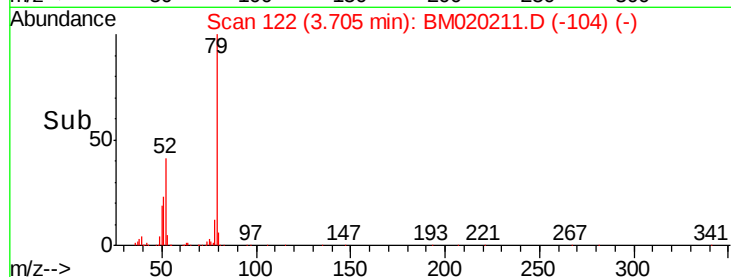
51 23.8 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020211.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020211.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020211.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 39.572 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

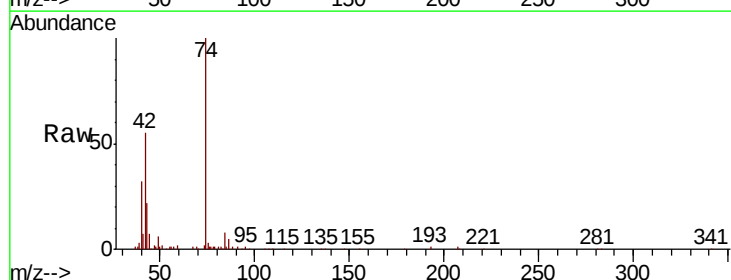
Tgt Ion: 42 Resp: 96954

Ion Ratio Lower Upper

42 100

74 182.4 113.7 170.5#

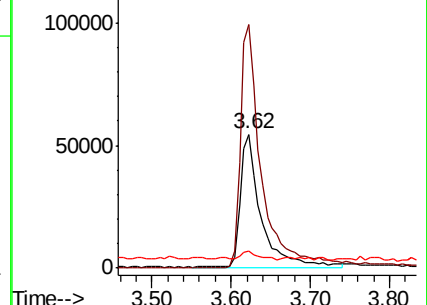
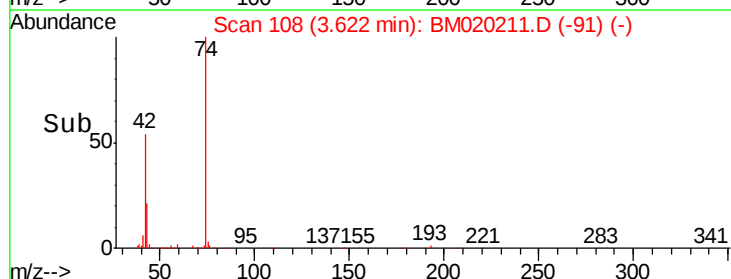
44 12.8 3.9 5.9#

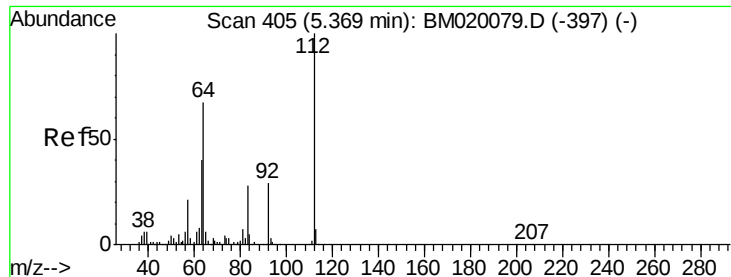


Abundance Ion 42.00 (41.70 to 42.70): BM020211.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020211.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020211.D (-101) (-)





#5

2-Fluorophenol

Concen: 91.085 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampled :

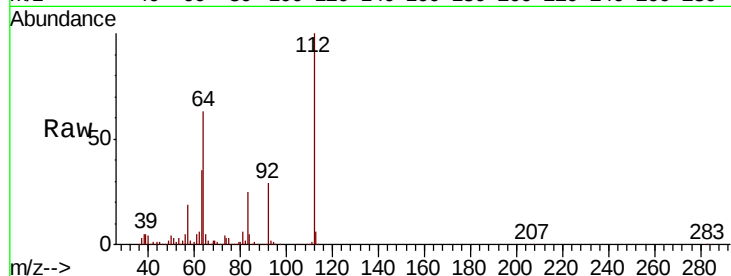
Tot Ion:112 Resp: 554829

Ion Ratio Lower Upper

112 100

64 62.6 53.8 80.6

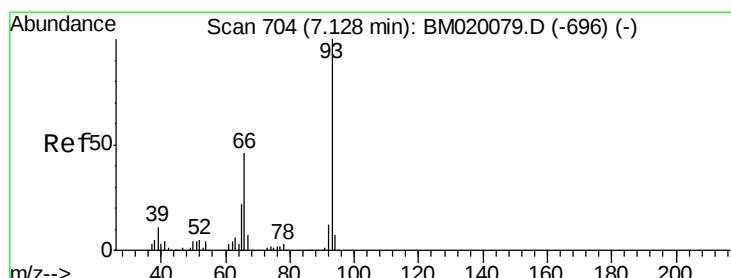
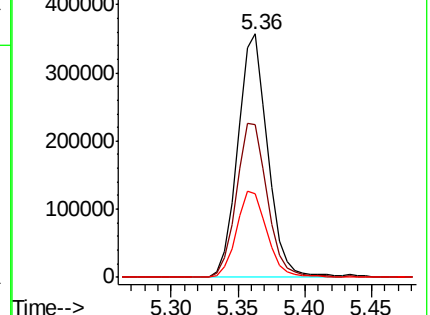
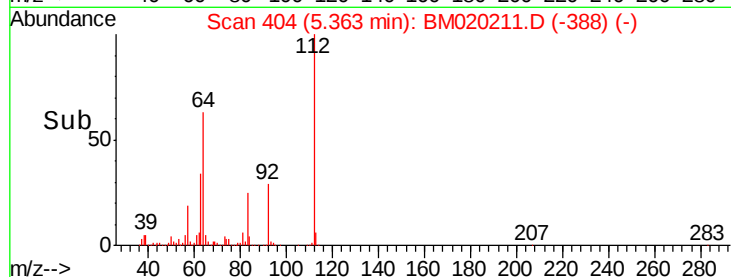
63 34.6 32.3 48.5



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: 44.296 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

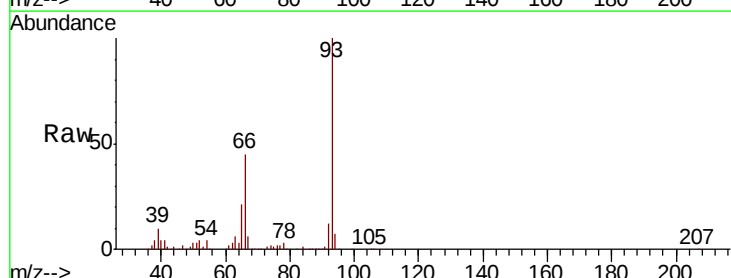
Tgt Ion: 93 Resp: 464014

Ion Ratio Lower Upper

93 100

66 44.8 36.6 54.8

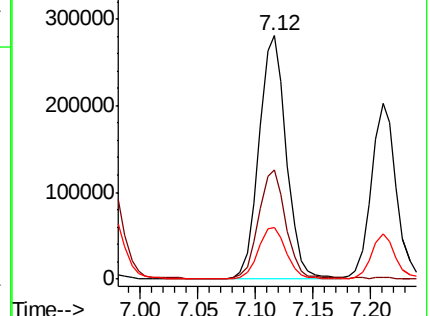
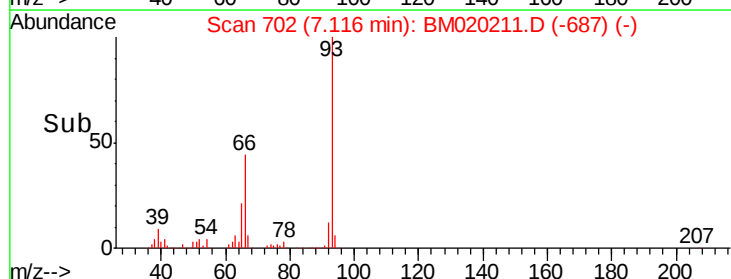
65 21.4 17.8 26.6

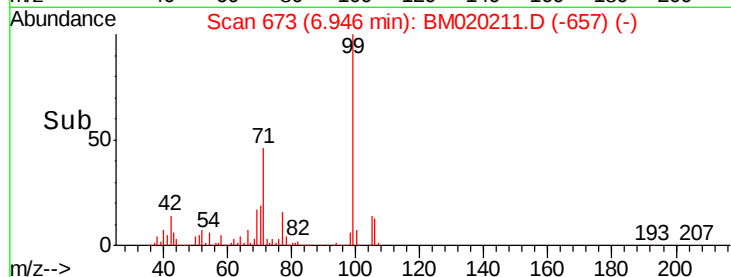
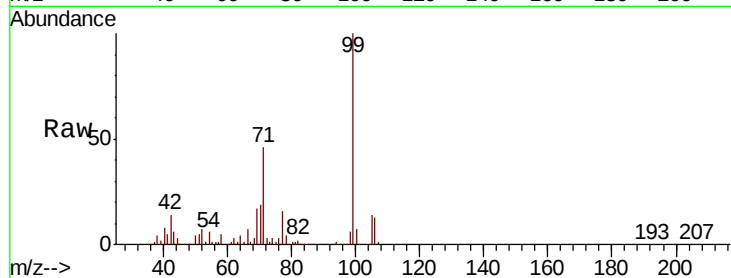
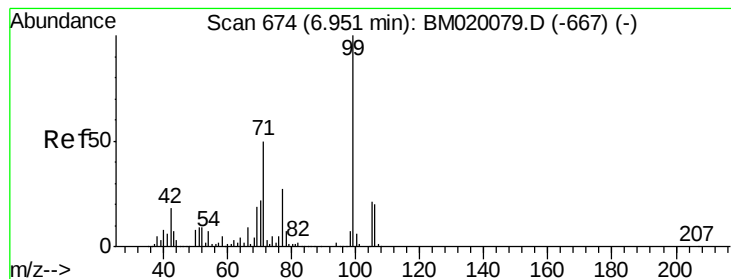


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 88.138 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

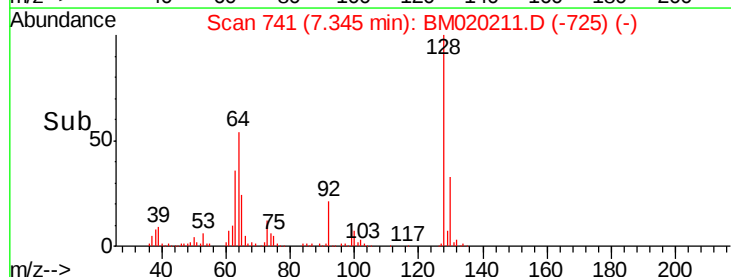
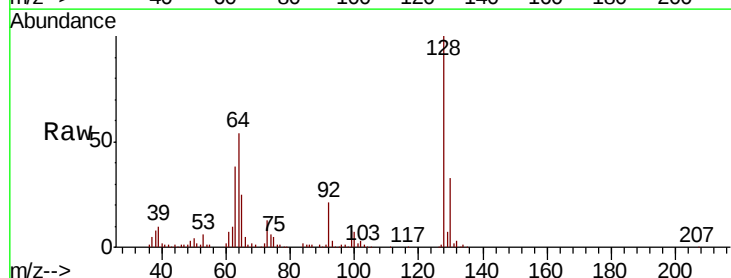
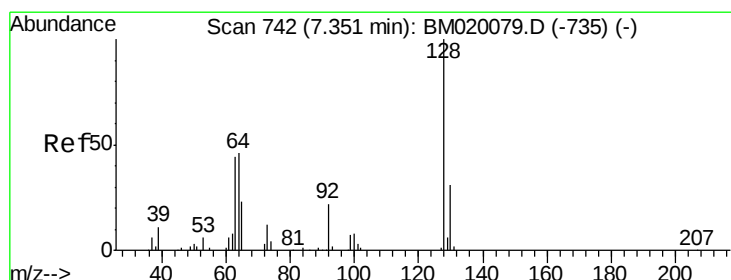
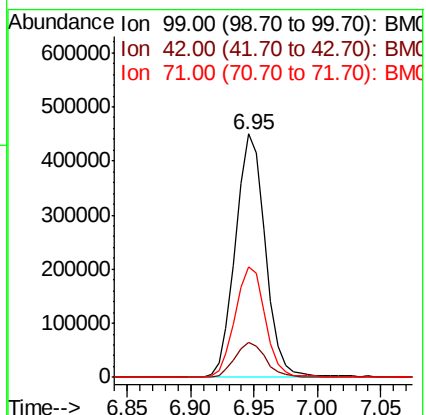
Tot Ion: 99 Resp: 733444

Ion Ratio Lower Upper

99 100

42 14.3 14.2 21.2

71 45.6 40.3 60.5



#8

2-Chlorophenol

Concen: 44.795 ng

RT: 7.35 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

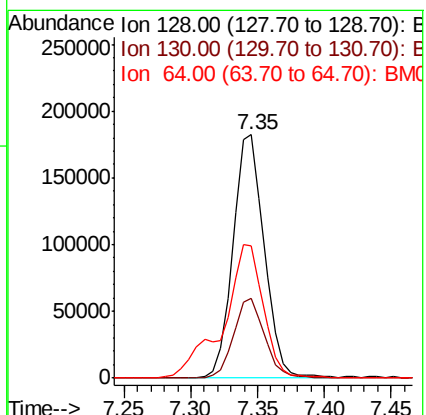
Tgt Ion: 128 Resp: 297101

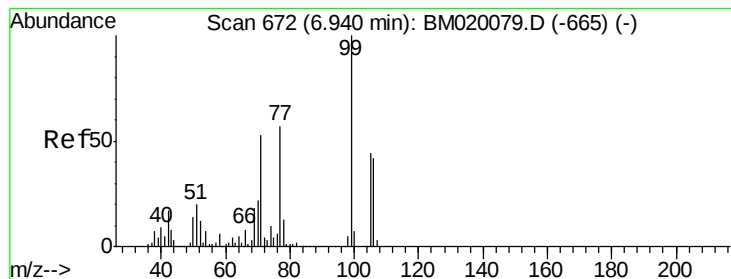
Ion Ratio Lower Upper

128 100

130 33.0 10.8 50.8

64 54.5 36.5 76.5





#9

Benzaldehyde

Concen: 38.616 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

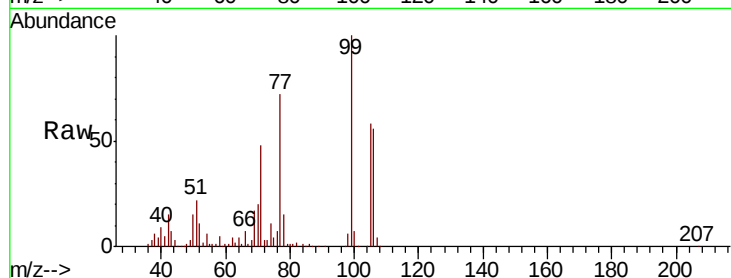
Tot Ion: 77 Resp: 243215

Ion Ratio Lower Upper

77 100

105 81.4 57.8 97.8

106 78.2 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)

200000

150000

100000

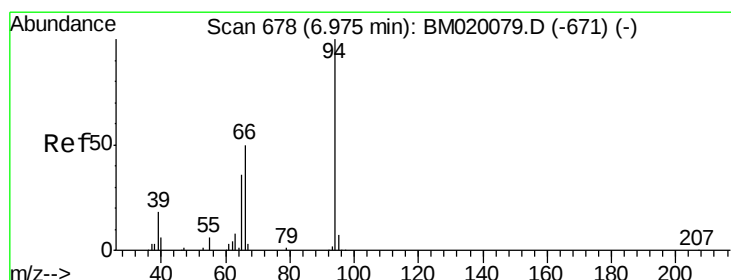
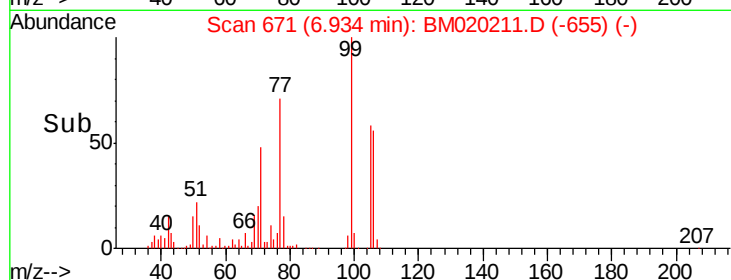
50000

0

6.93

6.85 6.90 6.95 7.00

Time-->



#10

Phenol

Concen: 43.211 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

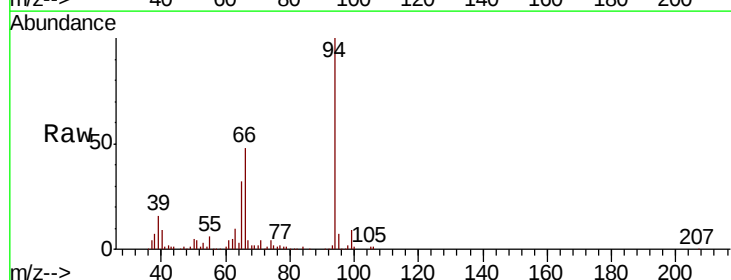
Tgt Ion: 94 Resp: 387105

Ion Ratio Lower Upper

94 100

65 32.4 17.0 57.0

66 48.1 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020079.D (-671) (-)

300000

200000

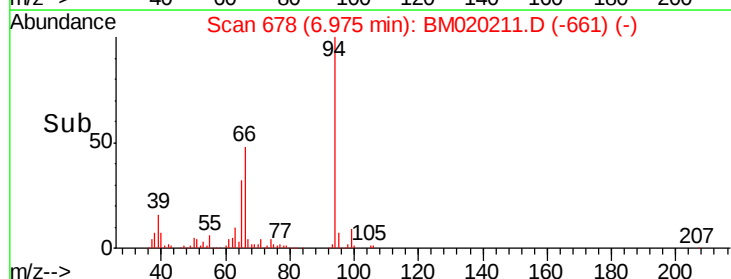
100000

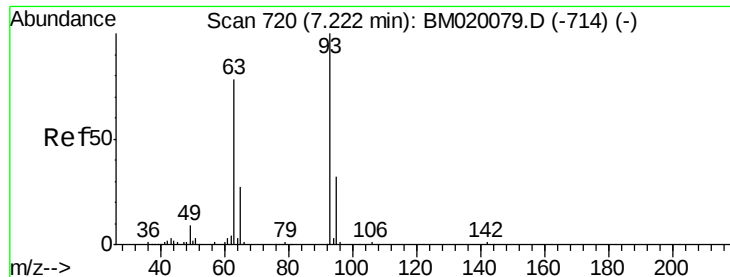
0

6.97

6.90 6.95 7.00 7.05

Time-->

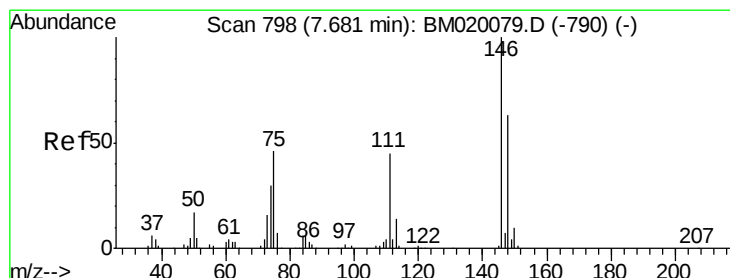
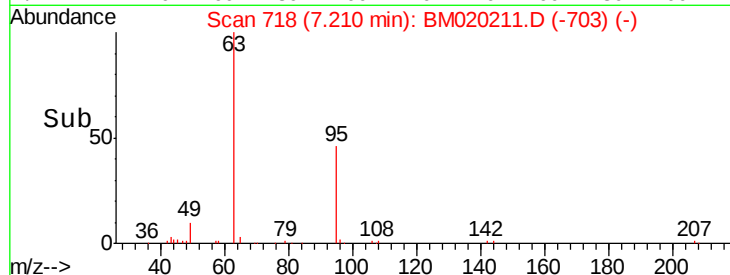
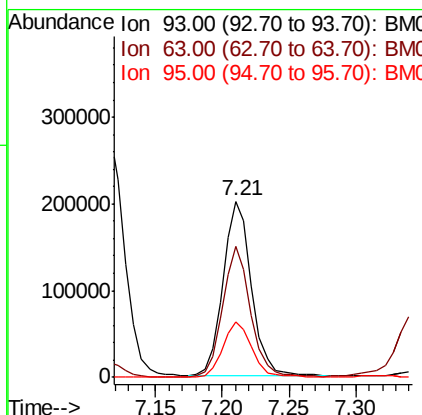
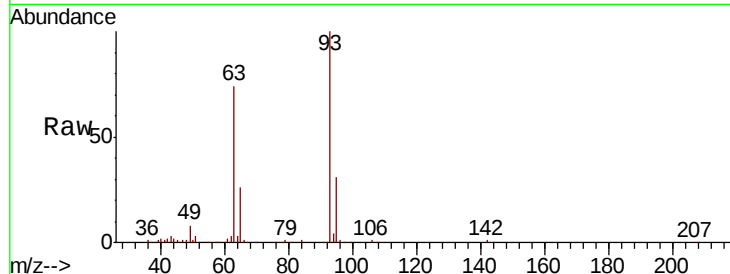




#11
 bis(2-Chloroethyl)ether
 Concen: 46.232 ng
 RT: 7.21 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

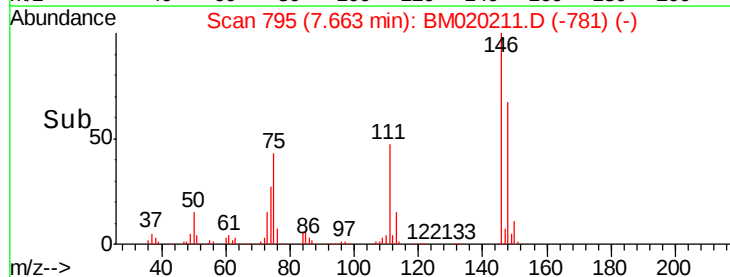
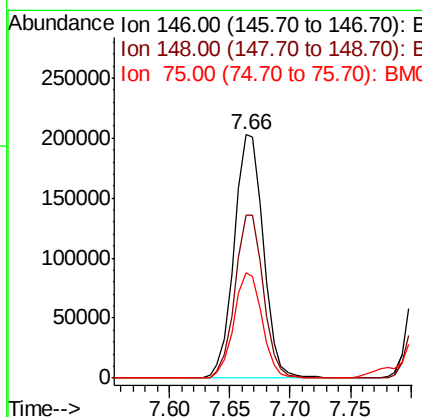
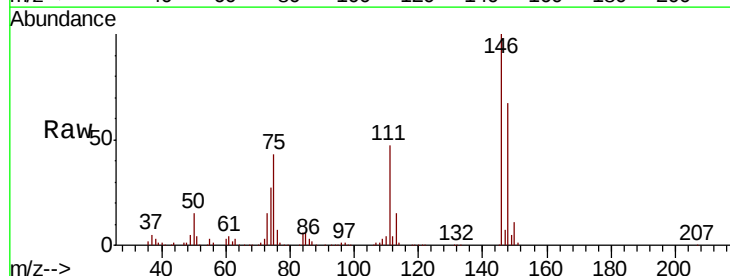
Instrument :
 BNA_G
 ClientSampled :

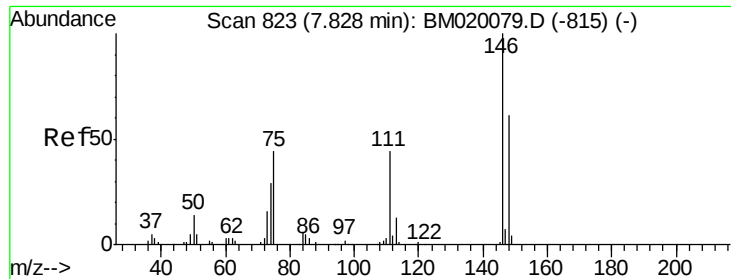
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	57.9	97.9
95	31.2	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 44.374 ng
 RT: 7.66 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.1	75.1
75	43.3	37.2	55.8

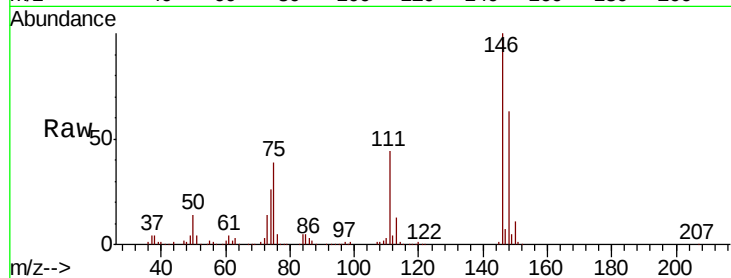




#13
 1,4-Dichlorobenzene
 Concen: 44.447 ng
 RT: 7.82 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	48.5	72.7
111	44.2	35.7	53.5

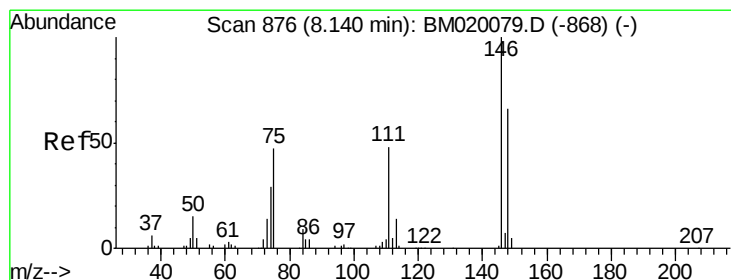
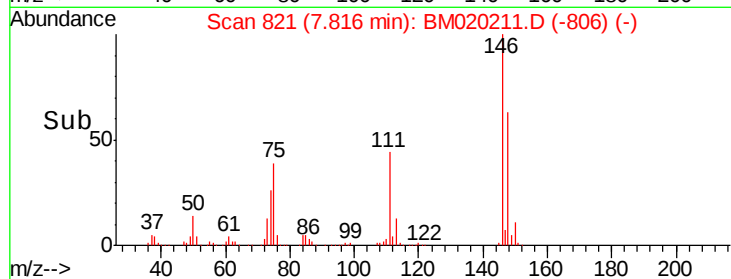
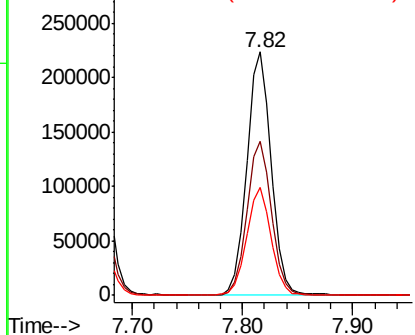


Abundance

Ion 146.00 (145.70 to 146.70): E

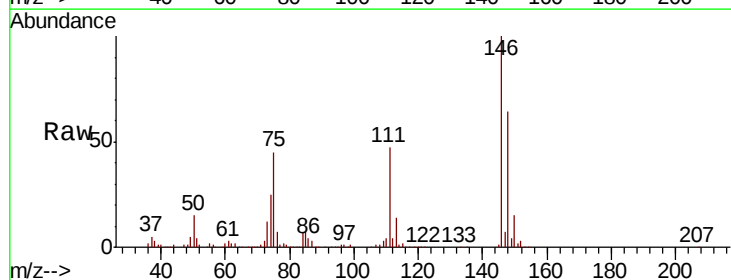
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.829 ng
 RT: 8.13 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.6	79.0
111	47.0	39.0	58.4

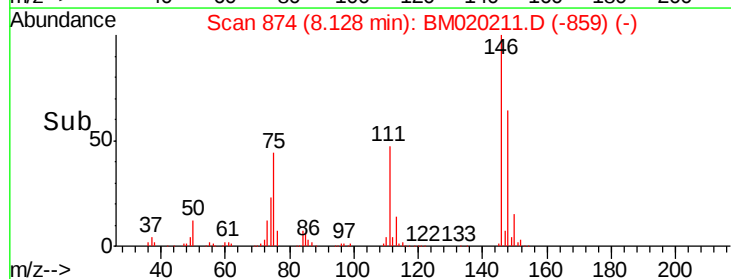
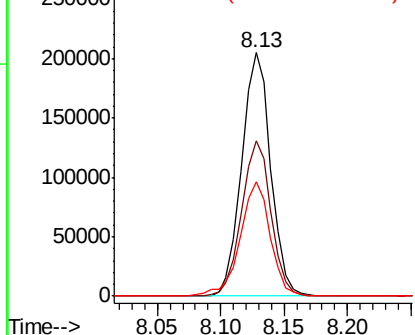


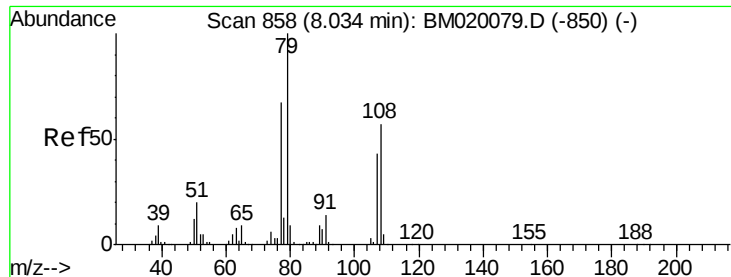
Abundance

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: 40.780 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

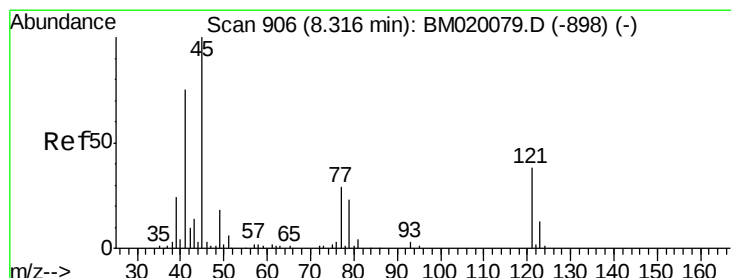
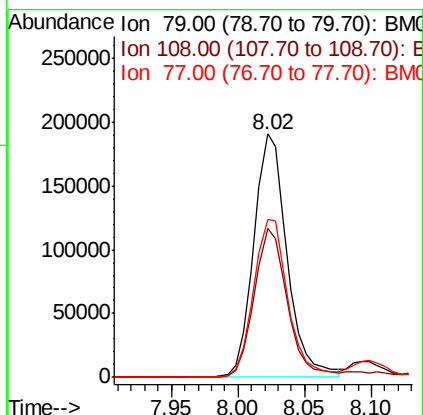
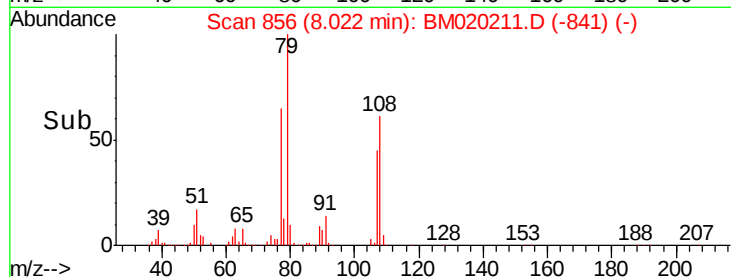
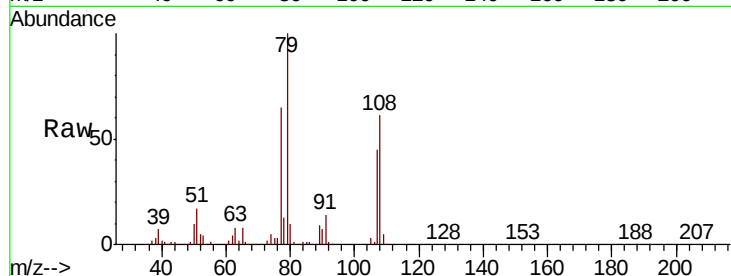
Tot Ion: 79 Resp: 327228

Ion Ratio Lower Upper

79 100

108 61.1 46.0 69.0

77 64.7 53.8 80.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.400 ng

RT: 8.31 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

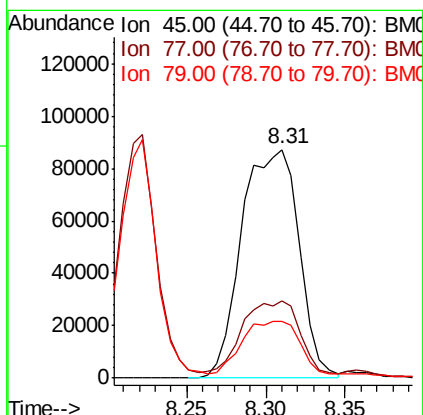
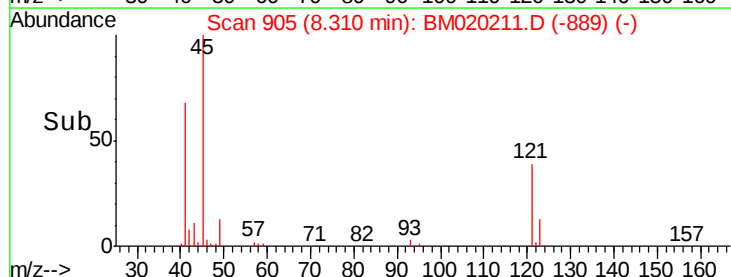
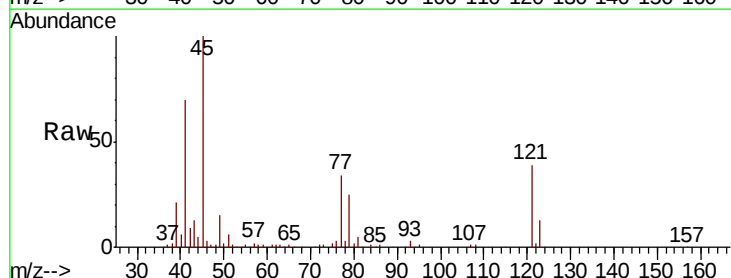
Tgt Ion: 45 Resp: 218123

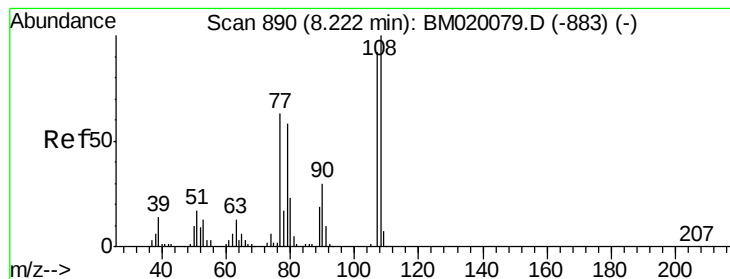
Ion Ratio Lower Upper

45 100

77 33.6 10.5 50.5

79 24.9 3.3 43.3





#17

2-Methylphenol

Concen: 43.307 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 249747

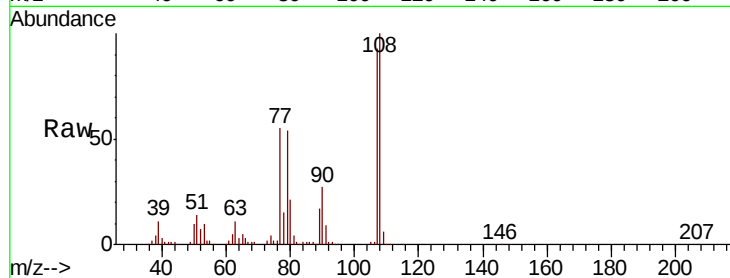
Ion Ratio Lower Upper

107 100

108 108.1 87.0 130.4

77 59.5 54.7 82.1

79 58.4 50.1 75.1

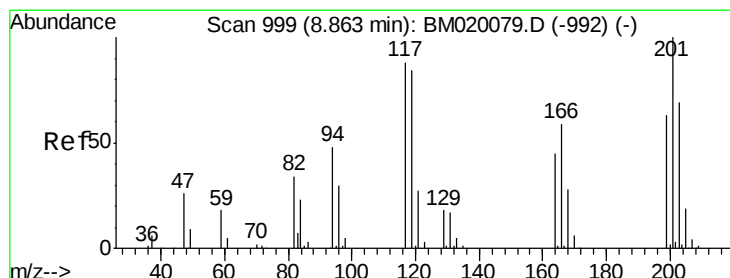
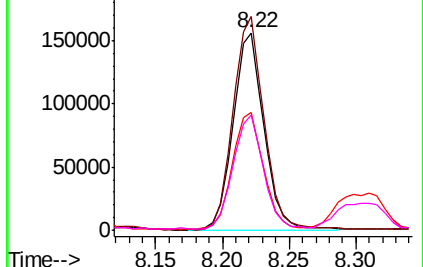
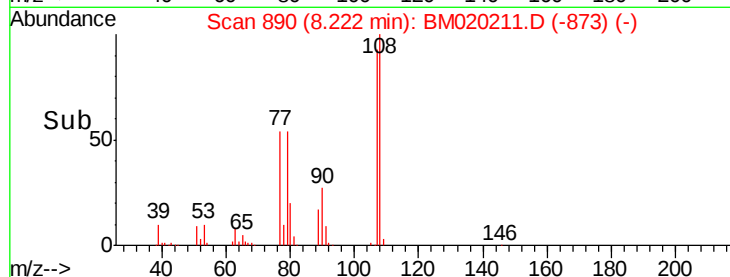


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.892 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.02 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

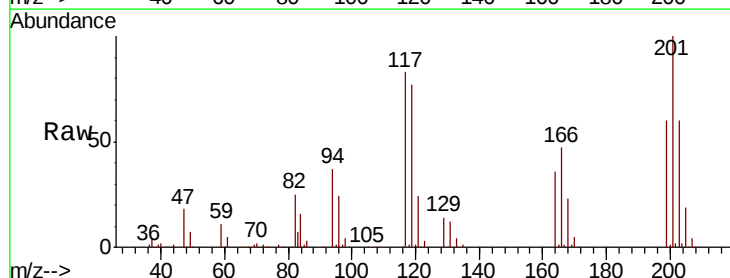
Tgt Ion:117 Resp: 139417

Ion Ratio Lower Upper

117 100

119 92.0 76.6 114.8

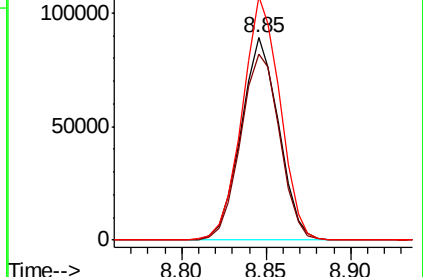
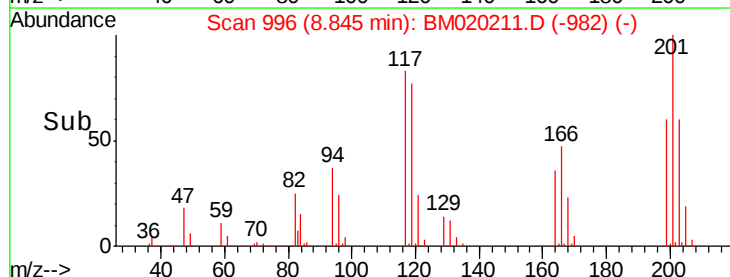
201 120.2 90.7 136.1

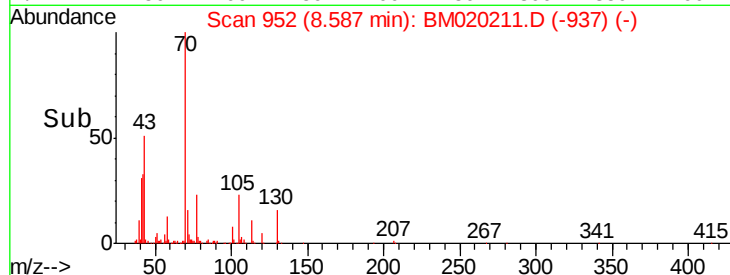
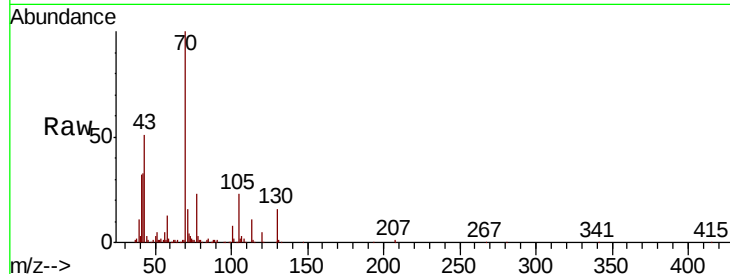
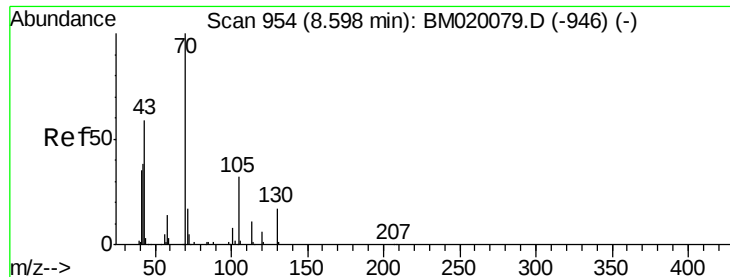


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

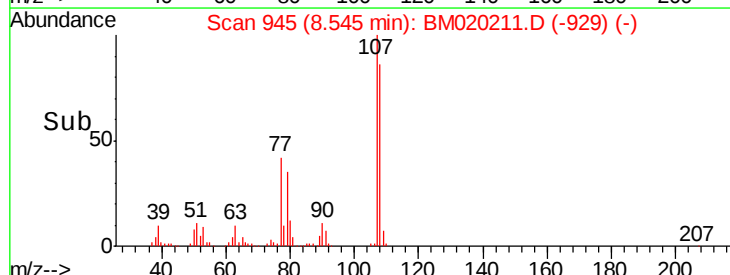
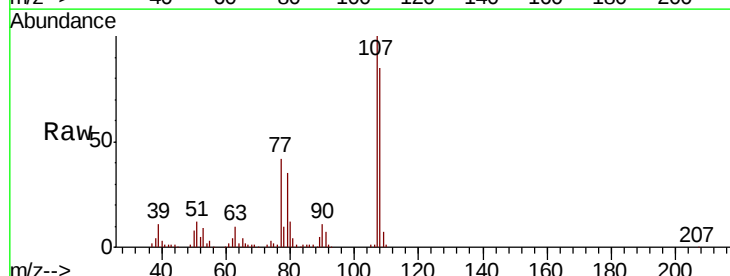
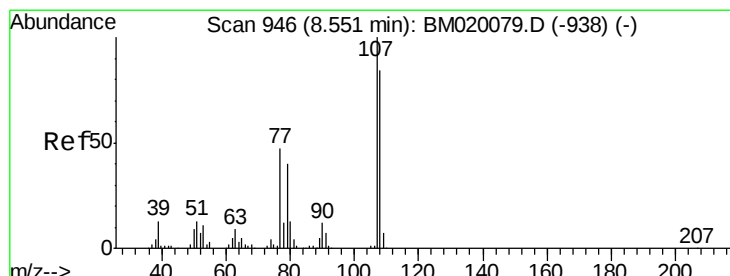
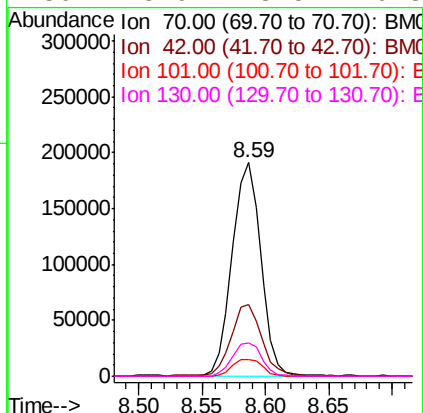




#19
n-Nitroso-di-n-propylamine
Concen: 42.209 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

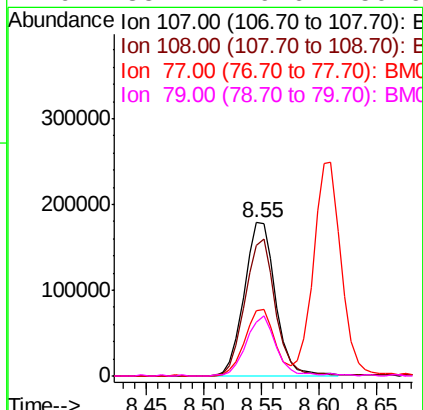
Instrument :
BNA_G
ClientSampled :

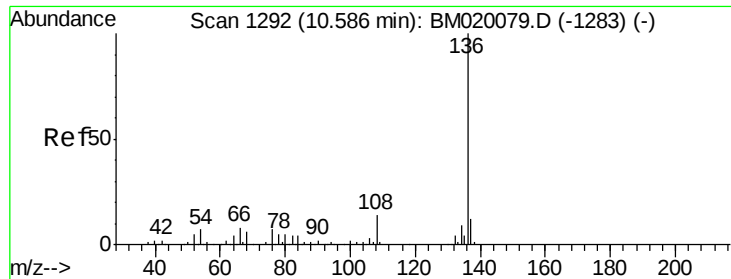
Tot Ion: 70 Resp: 300506
Ion Ratio Lower Upper
70 100
42 33.4 31.0 46.4
101 7.9 6.2 9.2
130 15.9 13.5 20.3



#20
3+4-Methylphenols
Concen: 44.165 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:107 Resp: 338497
Ion Ratio Lower Upper
107 100
108 85.3 64.4 104.4
77 42.5 27.2 67.2
79 35.2 19.6 59.6

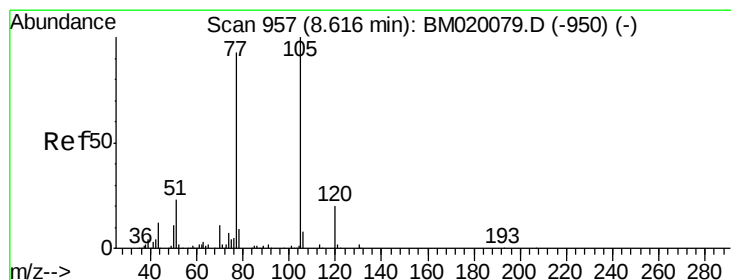
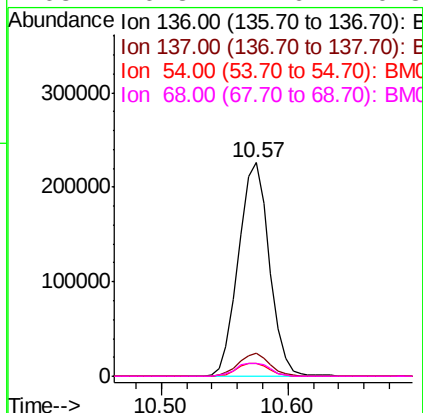
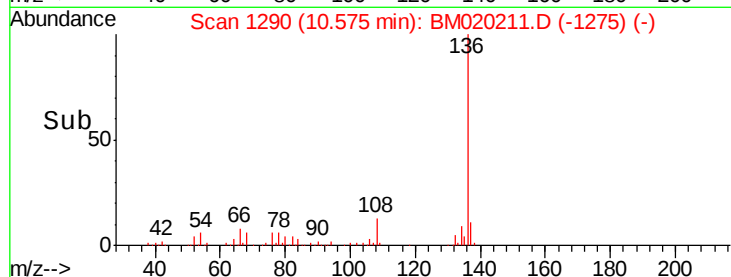
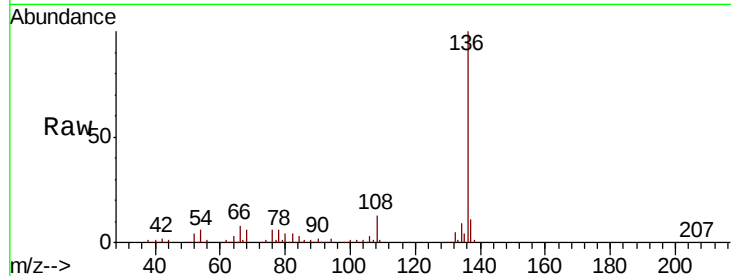




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

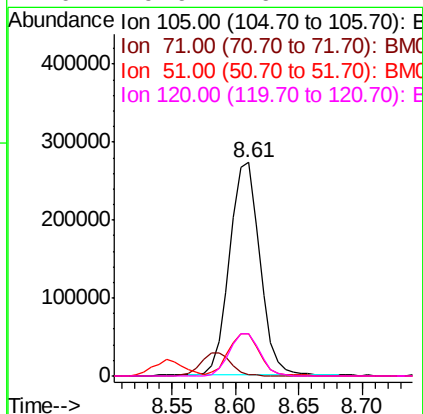
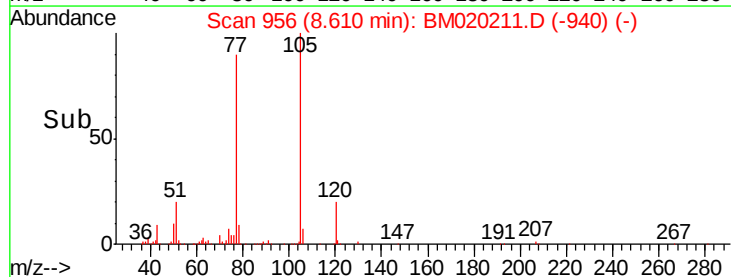
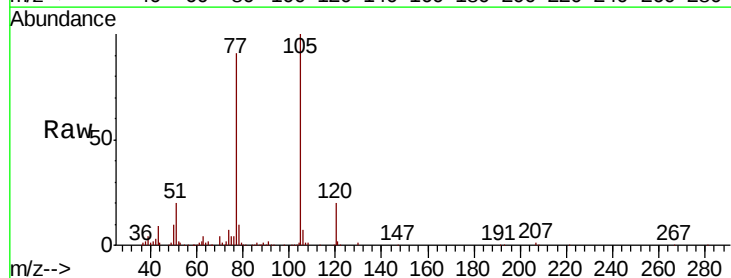
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	382407
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.6 14.4
54	6.2	5.5 8.3
68	6.3	4.6 6.8



#22
Acetophenone
Concen: 43.002 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:105	Resp:	449421
Ion Ratio	Lower	Upper
105	100	
71	0.6	2.2 3.2#
51	19.9	19.3 28.9
120	19.9	16.2 24.4

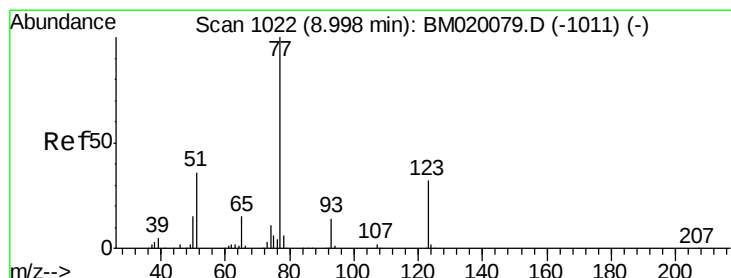
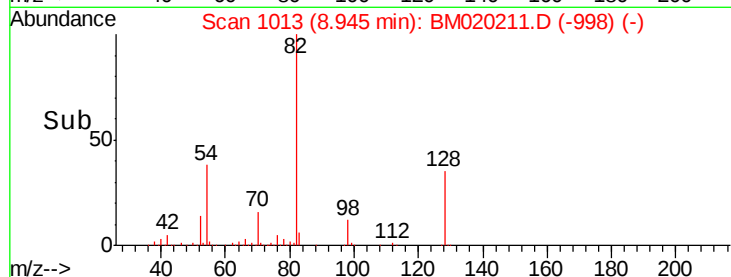
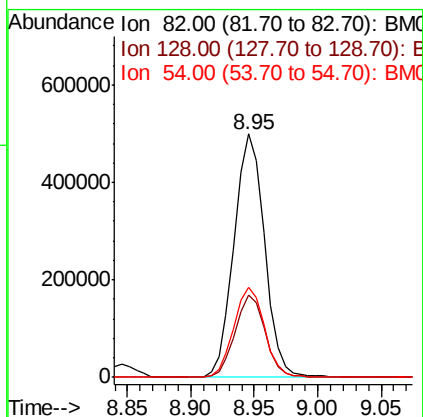
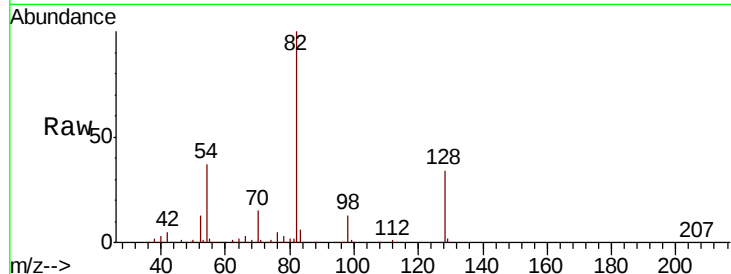




#23
Nitrobenzene-d5
Concen: 86.188 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

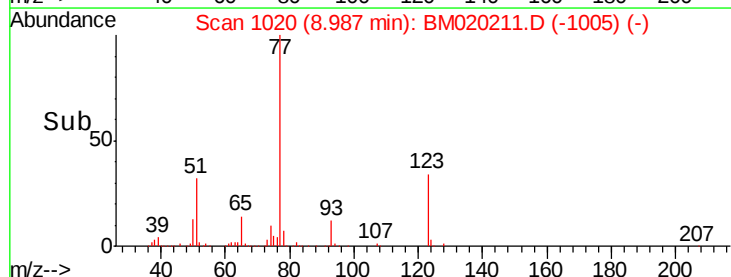
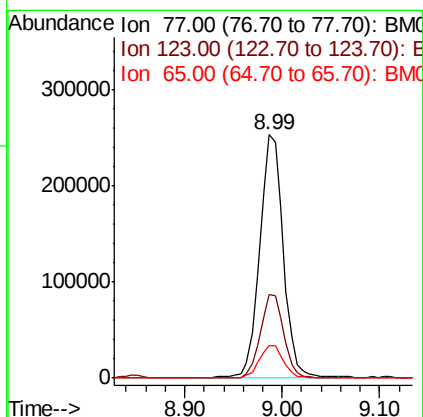
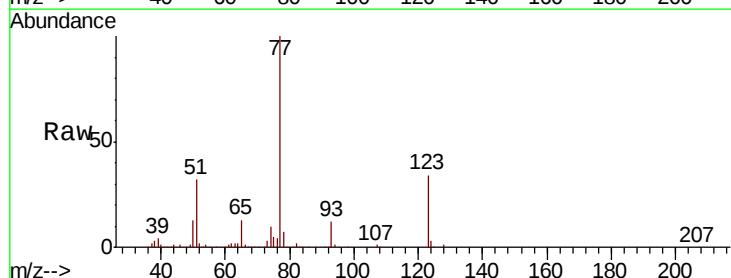
Instrument :
BNA_G
ClientSampleId :

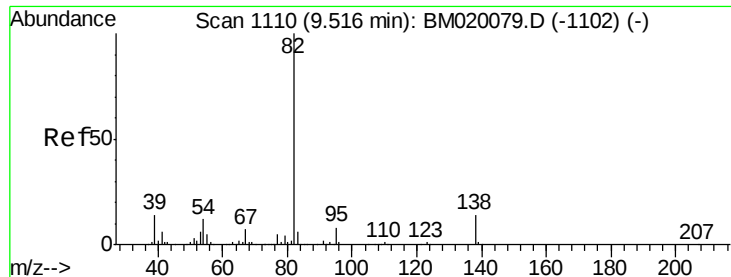
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.2	37.8
54	37.2	31.9	47.9



#24
Nitrobenzene
Concen: 42.734 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	25.5	38.3
65	13.5	11.8	17.6





#25

Isophorone

Concen: 44.703 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

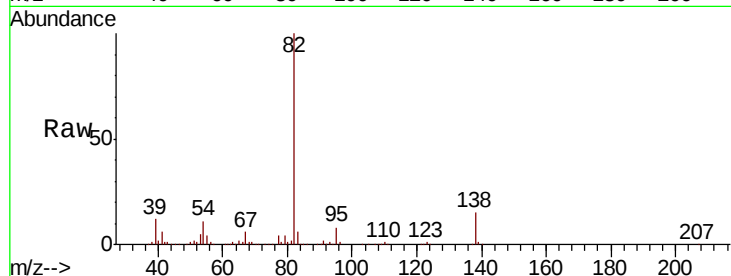
Tot Ion: 82 Resp: 746688

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

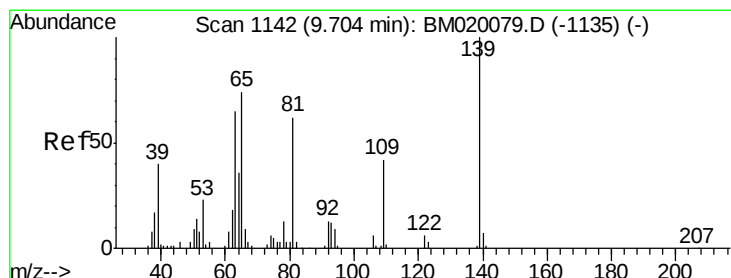
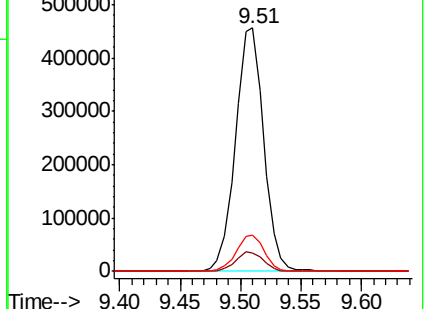
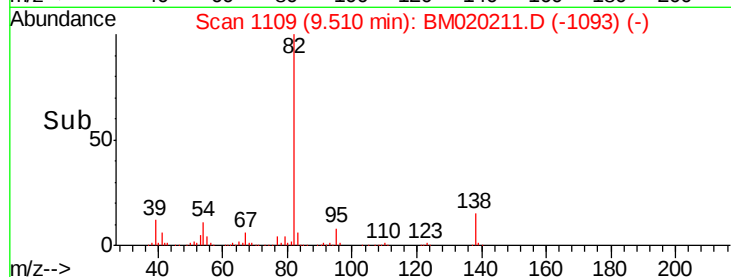
138 14.8 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020211.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020211.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020211.D (-1102) (-)



#26

2-Nitrophenol

Concen: 55.081 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

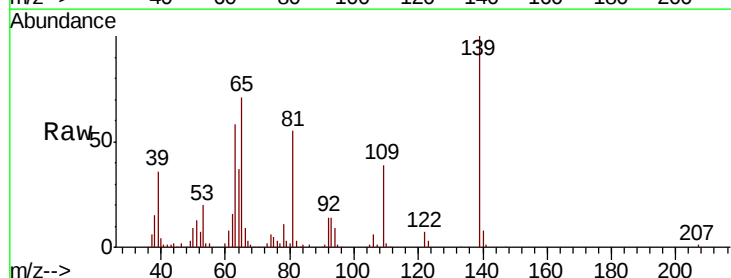
Tgt Ion: 139 Resp: 167003

Ion Ratio Lower Upper

139 100

109 39.5 33.7 50.5

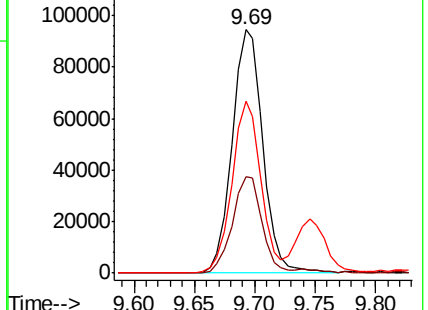
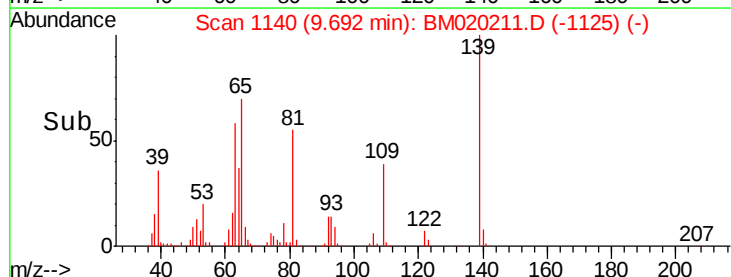
65 70.7 59.5 89.3

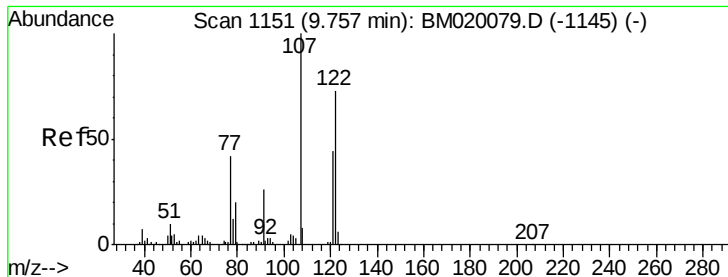


Abundance Ion 139.00 (138.70 to 139.70): BM020211.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020211.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020211.D (-1135) (-)

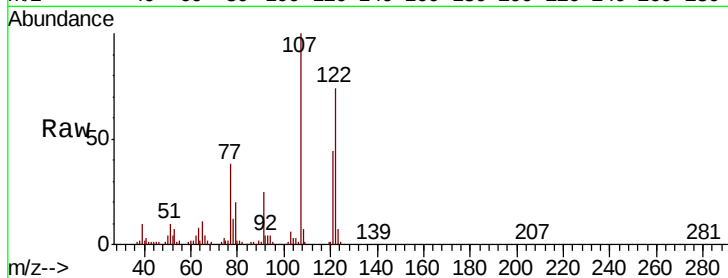




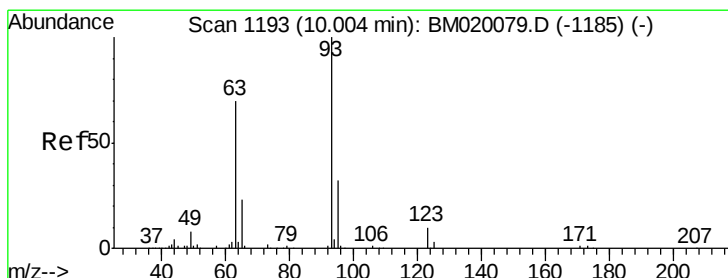
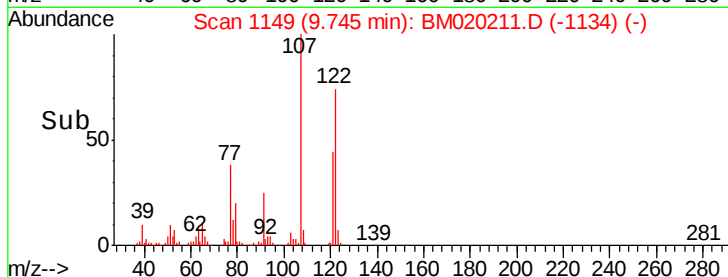
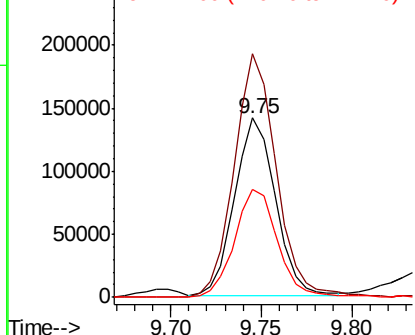
#27
2,4-Dimethylphenol
Concen: 44.018 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 222190
Ion Ratio Lower Upper
122 100
107 135.6 108.6 162.8
121 60.0 47.4 71.2

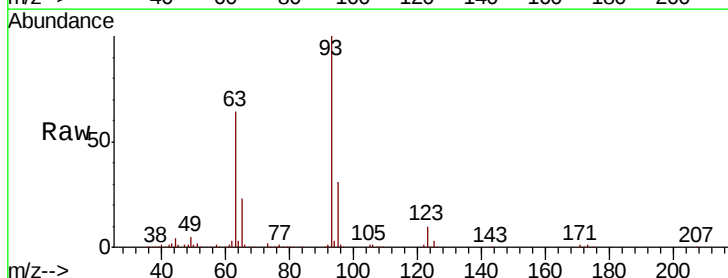


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

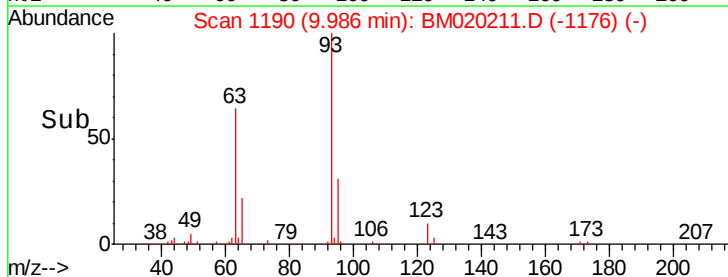
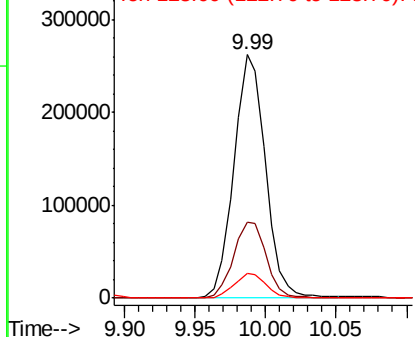


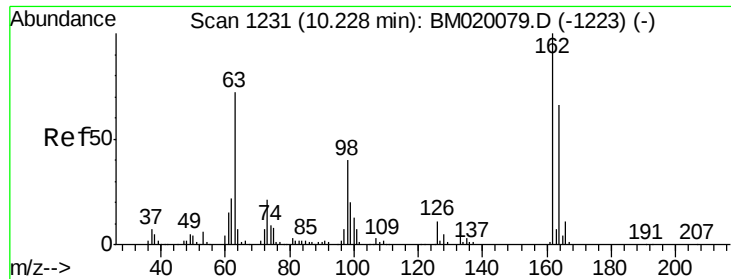
#28
bis(2-Chloroethoxy)methane
Concen: 45.066 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion: 93 Resp: 409978
Ion Ratio Lower Upper
93 100
95 31.1 25.5 38.3
123 10.0 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

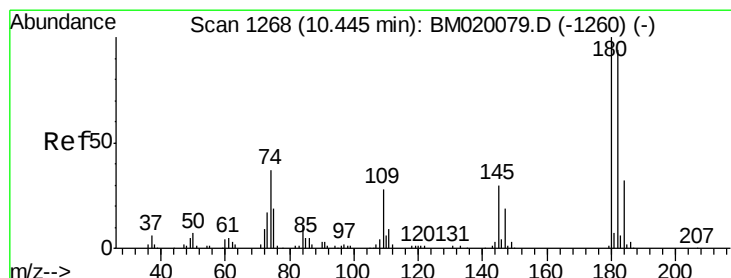
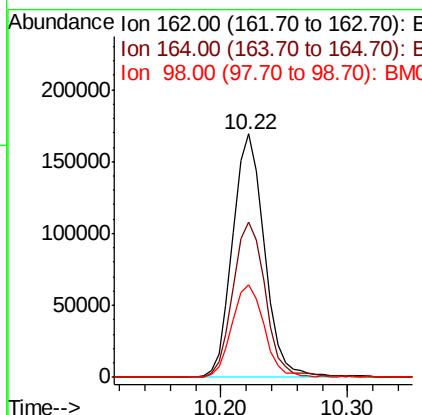
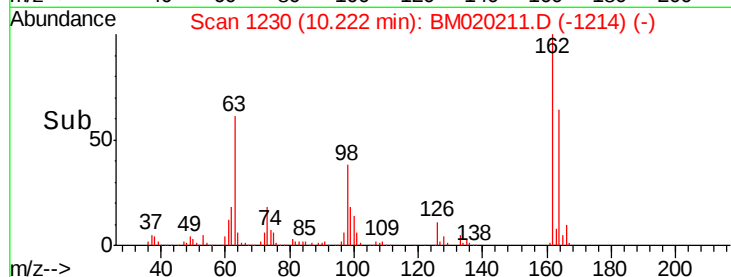
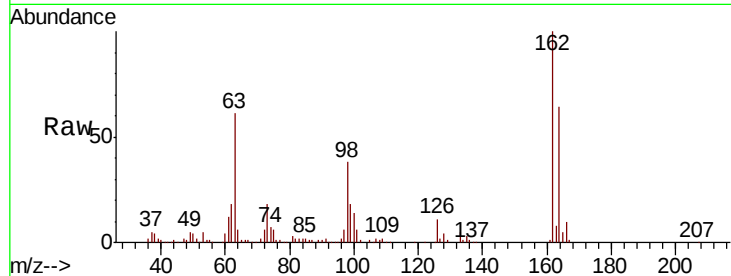




#29
 2,4-Dichlorophenol
 Concen: 46.285 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

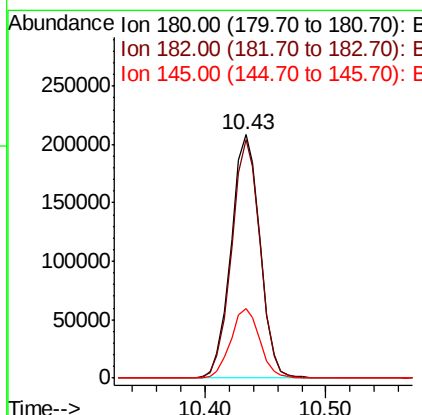
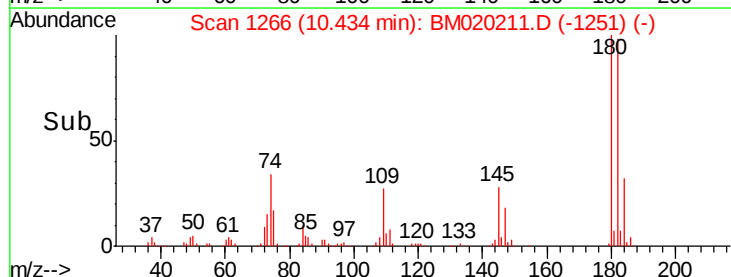
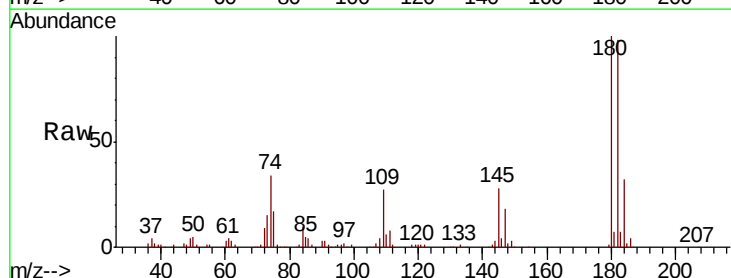
Instrument :
 BNA_G
 ClientSampleId :

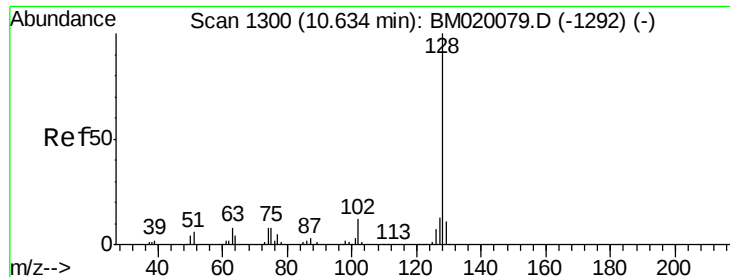
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.6	85.6
98	38.0	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 44.585 ng
 RT: 10.43 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	75.4	113.0
145	28.3	23.8	35.8

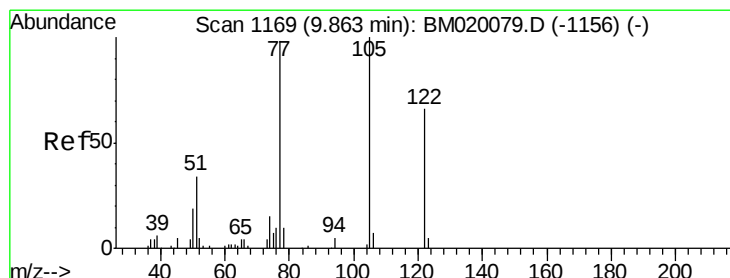
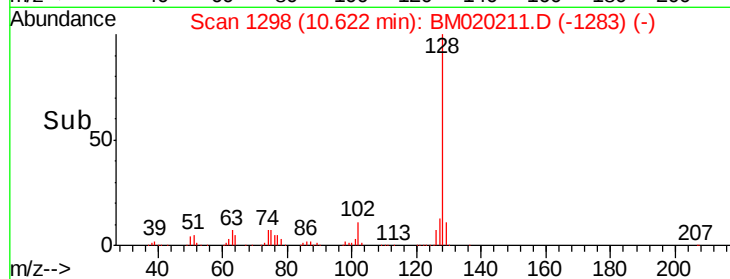
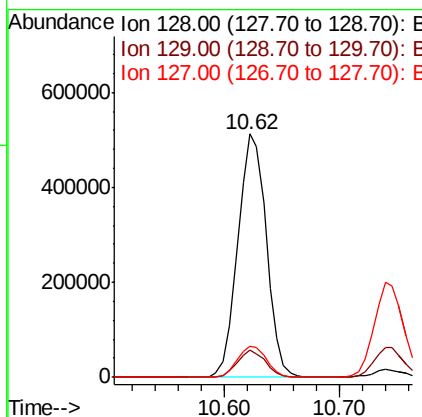
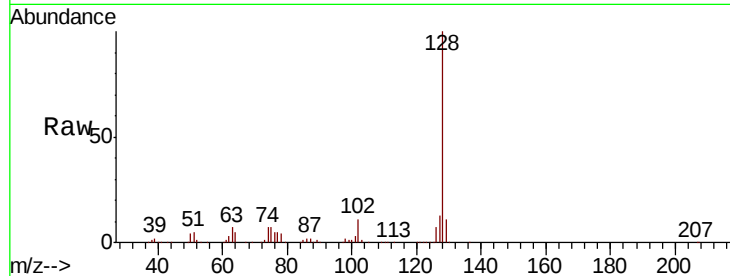




#31
Naphthalene
Concen: 44.241 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

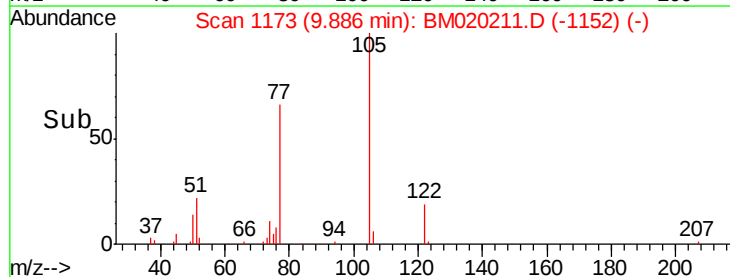
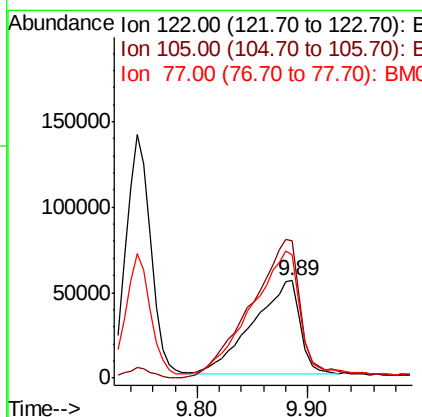
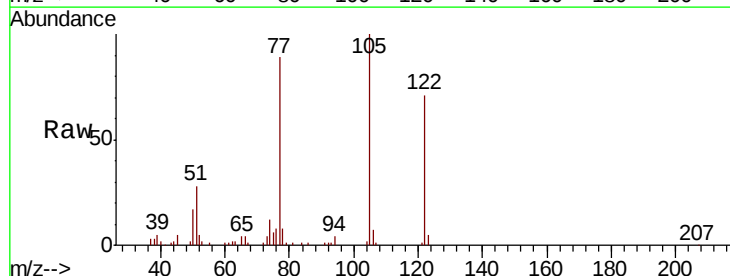
Instrument :
BNA_G
ClientSampleId :

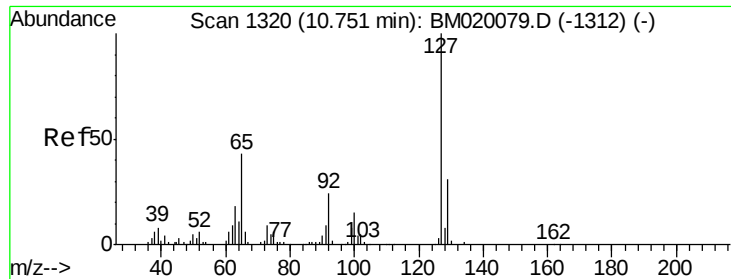
Tot Ion:128 Resp: 877949
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 45.376 ng
RT: 9.89 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:122 Resp: 161462
Ion Ratio Lower Upper
122 100
105 141.4 122.5 162.5
77 126.3 123.3 163.3

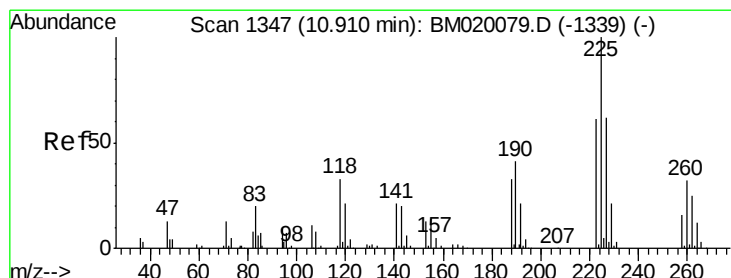
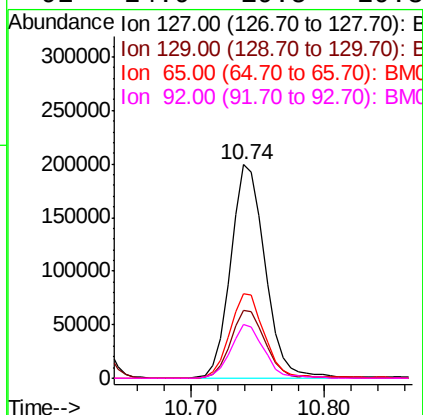
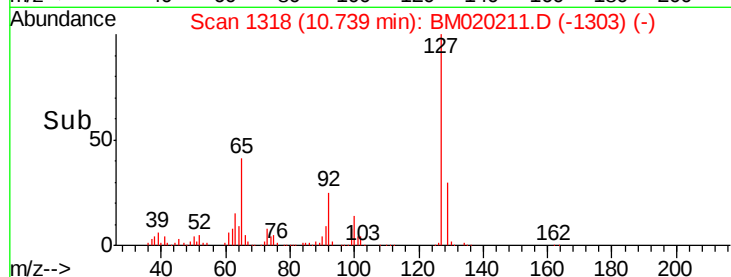
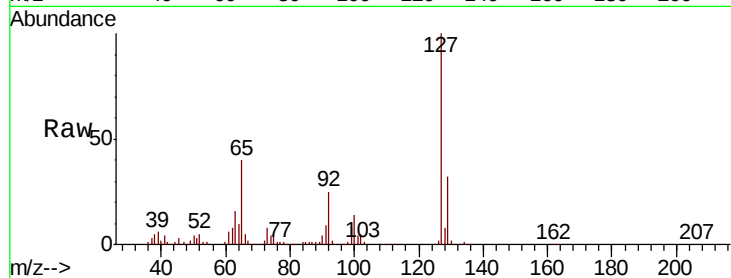




#33
4-Chloroaniline
Concen: 43.904 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

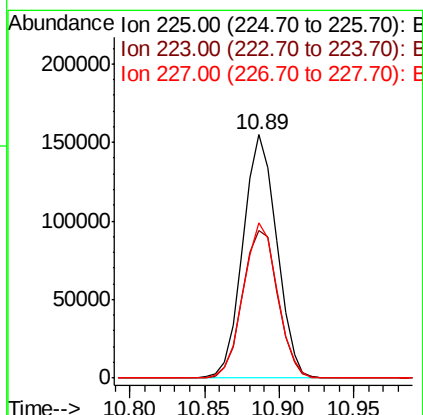
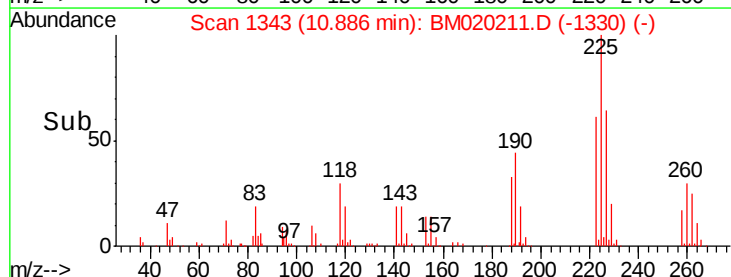
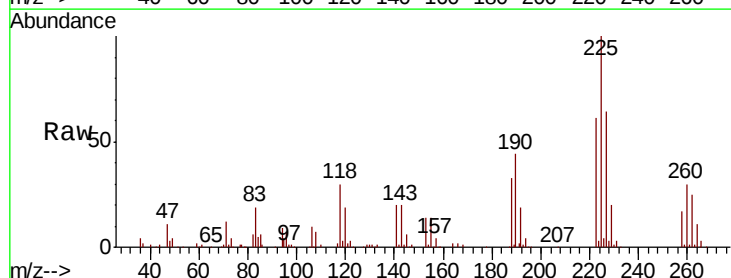
Instrument :
BNA_G
ClientSampleId :

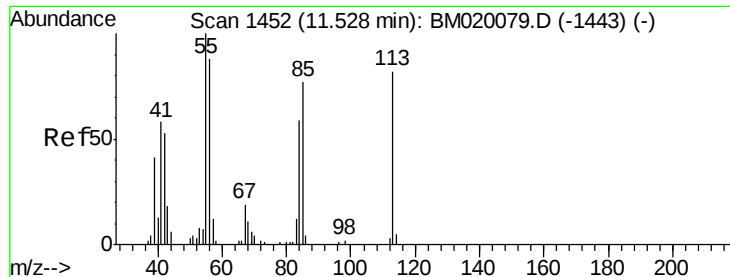
Tot Ion:	127	Resp:	358601
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.7	37.1
65	39.8	34.6	52.0
92	24.9	19.5	29.3



#34
Hexachlorobutadiene
Concen: 43.760 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:	225	Resp:	242444
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.9	73.3
227	63.6	49.6	74.4

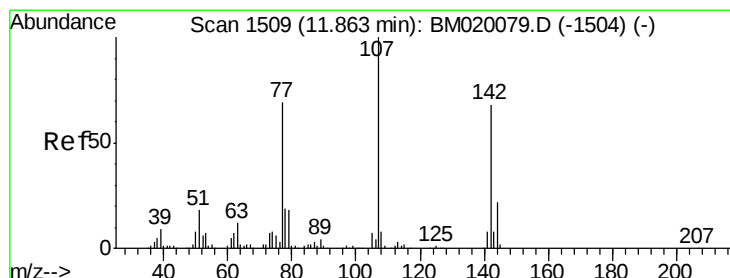
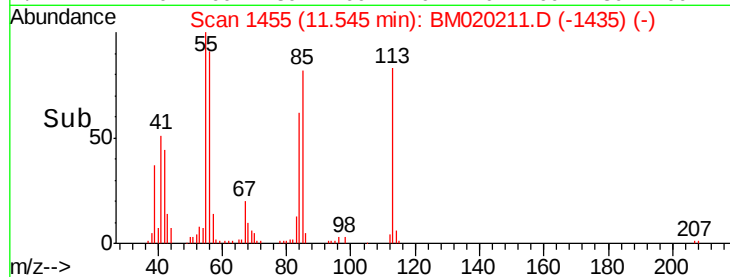
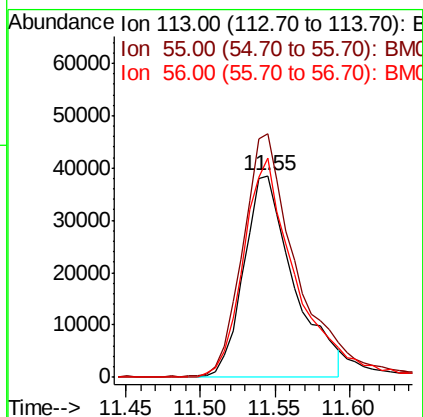
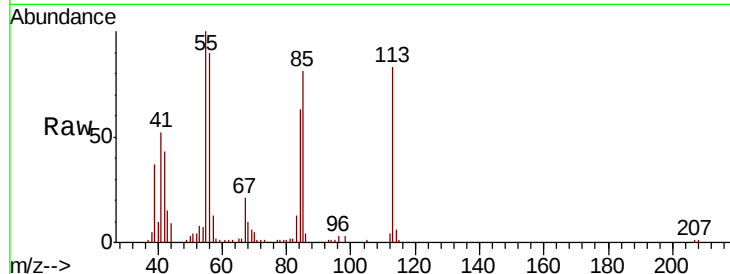




#35
Caprolactam
Concen: 47.130 ng
RT: 11.55 min Scan# 1455
Delta R.T. 0.02 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

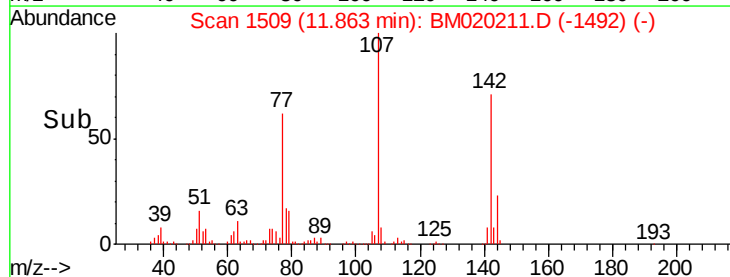
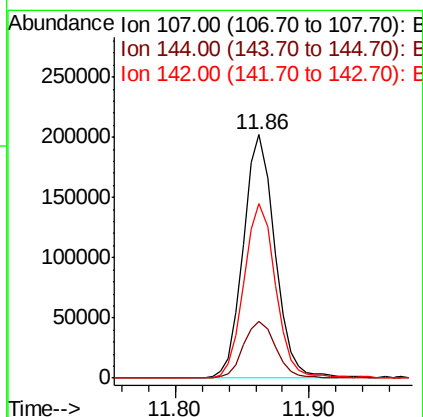
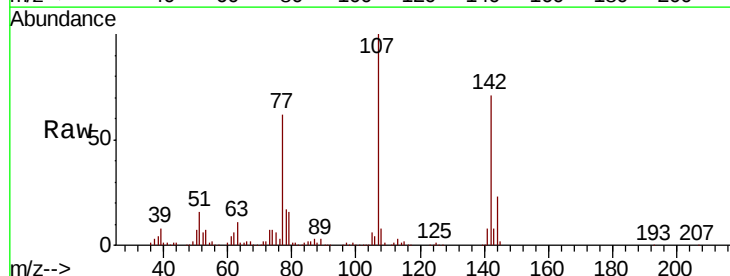
Instrument :
BNA_G
ClientSampleId :

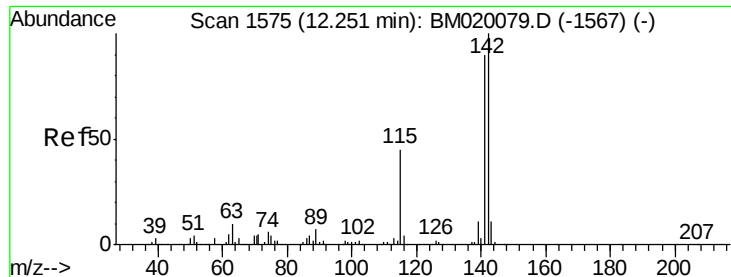
Tot Ion:113 Resp: 89698
Ion Ratio Lower Upper
113 100
55 120.8 102.5 142.5
56 109.1 87.7 127.7



#36
4-Chloro-3-methylphenol
Concen: 44.314 ng
RT: 11.86 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:107 Resp: 331465
Ion Ratio Lower Upper
107 100
144 23.4 17.6 26.4
142 71.5 54.6 82.0

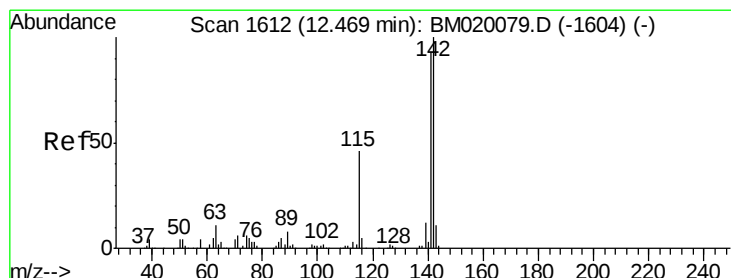
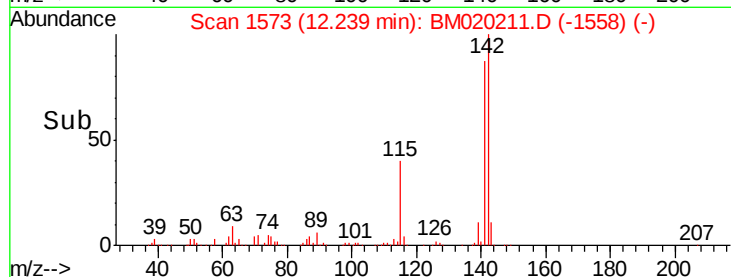
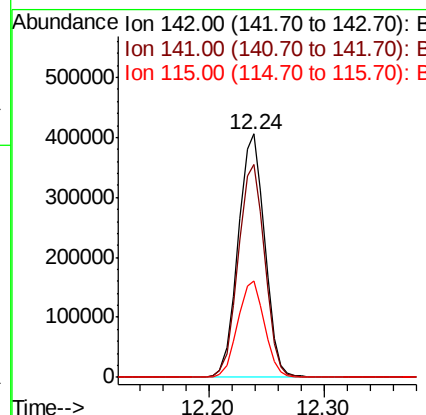
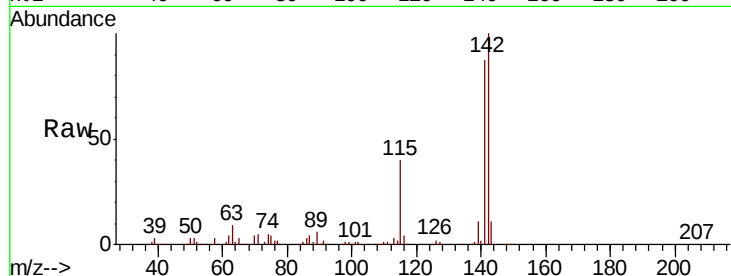




#37
2-Methylnaphthalene
Concen: 44.661 ng
RT: 12.24 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

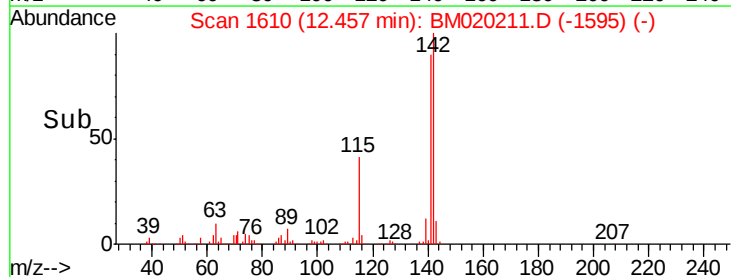
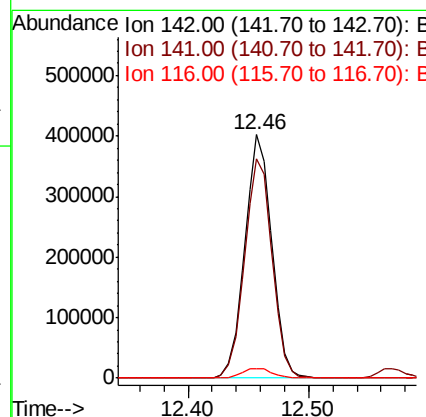
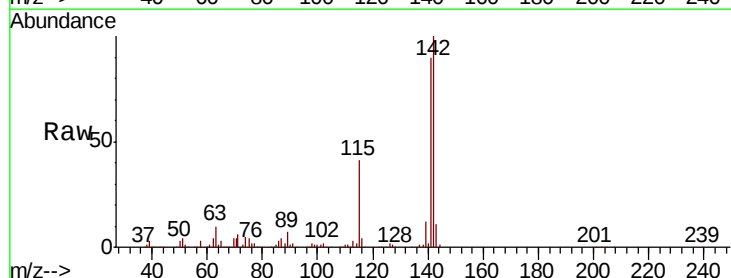
Instrument :
BNA_G
ClientSampleId :

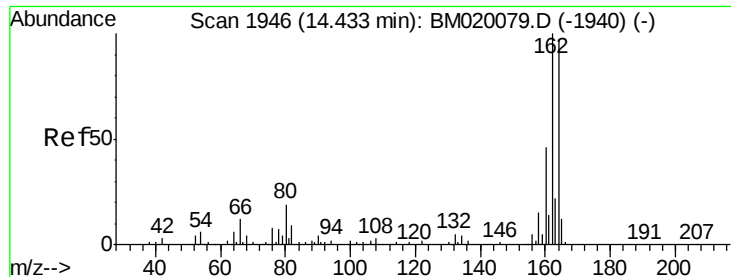
Tot Ion:142 Resp: 646125
Ion Ratio Lower Upper
142 100
141 87.3 71.6 107.4
115 39.6 35.8 53.6



#38
1-Methylnaphthalene
Concen: 44.406 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:142 Resp: 628215
Ion Ratio Lower Upper
142 100
141 89.9 74.8 112.2
116 4.1 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

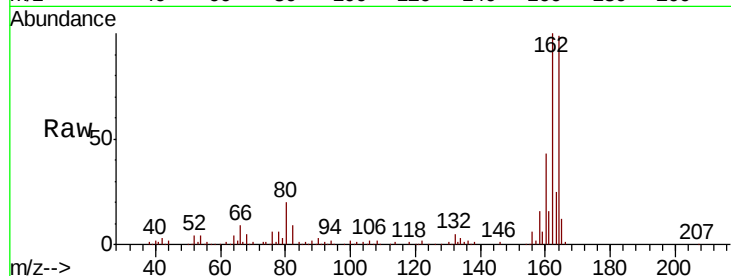
Tot Ion:164 Resp: 239460

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

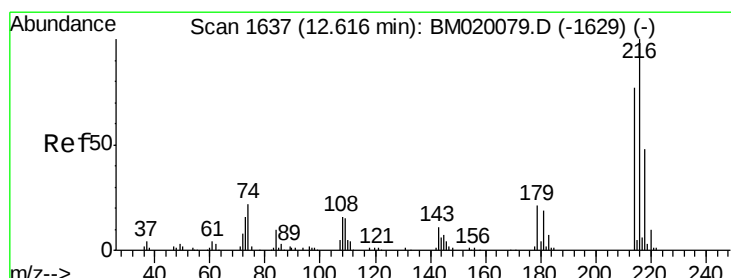
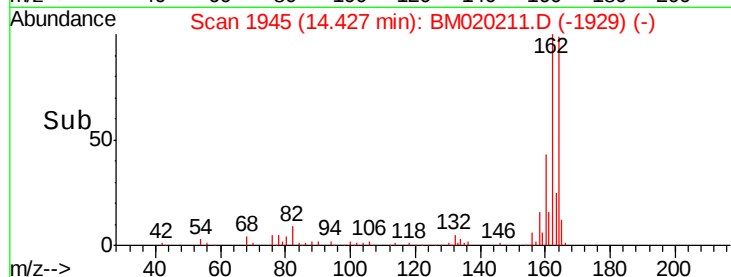
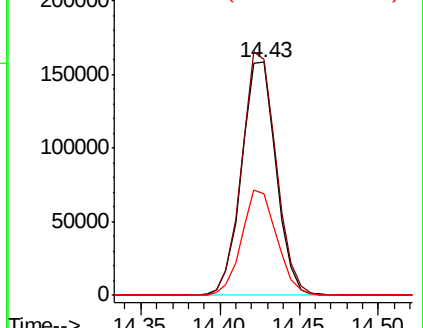
160 43.6 37.6 56.4



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: 44.778 ng

RT: 12.60 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Tgt Ion:216 Resp: 419505

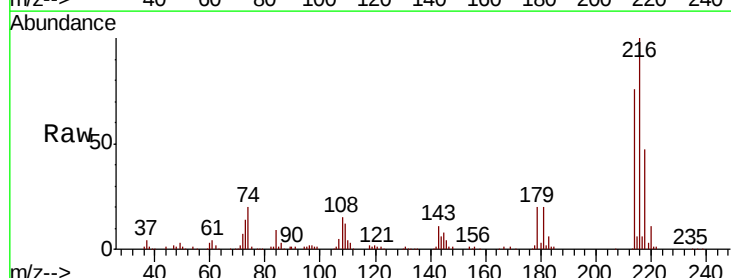
Ion Ratio Lower Upper

216 100

214 77.7 62.6 94.0

179 19.8 17.1 25.7

108 17.4 15.8 23.6

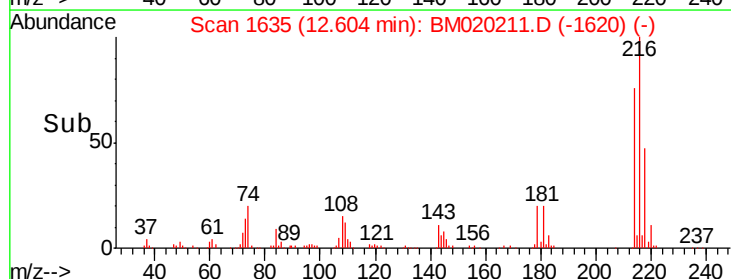
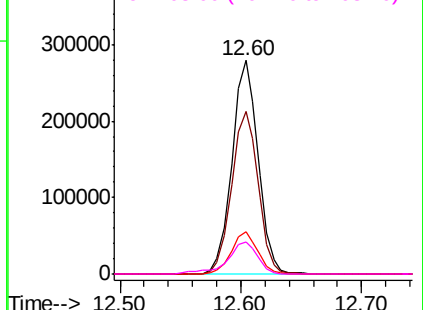


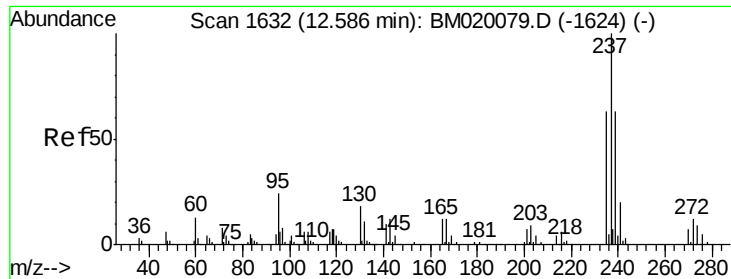
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.605 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

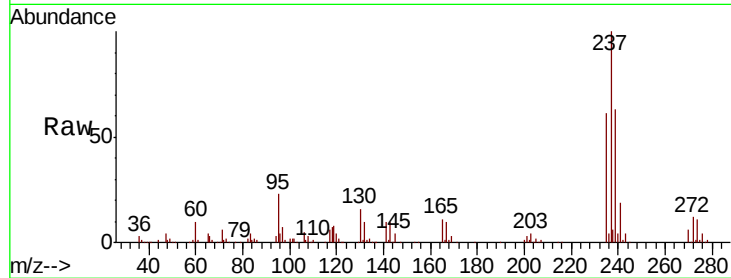
Tot Ion:237 Resp: 235023

Ion Ratio Lower Upper

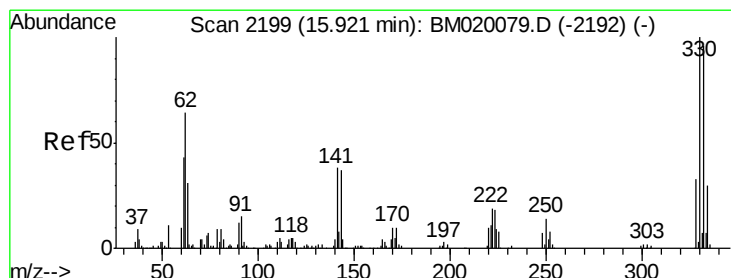
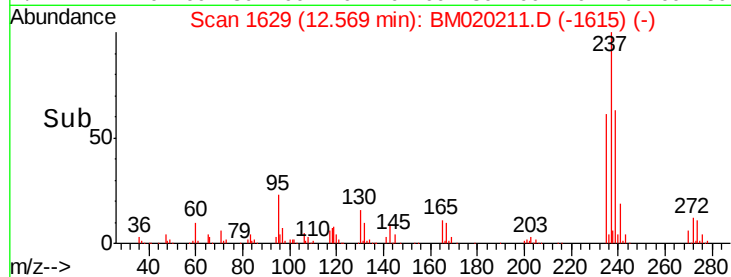
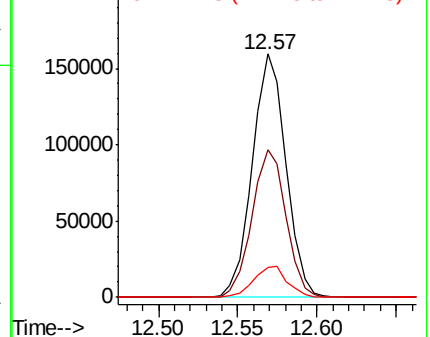
237 100

235 60.5 43.4 83.4

272 12.2 0.0 31.7



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: 96.209 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

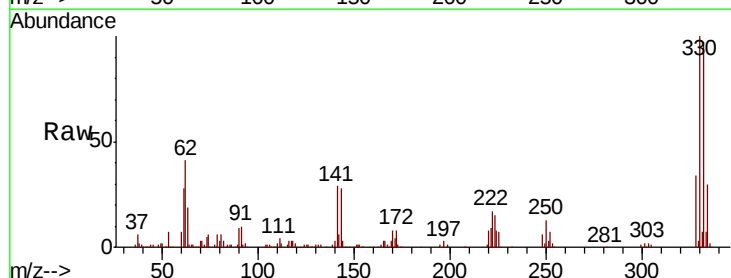
Tgt Ion:330 Resp: 357595

Ion Ratio Lower Upper

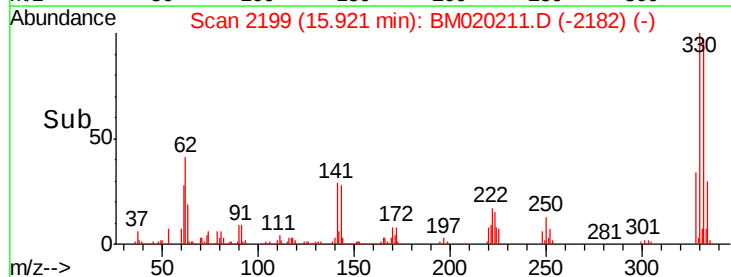
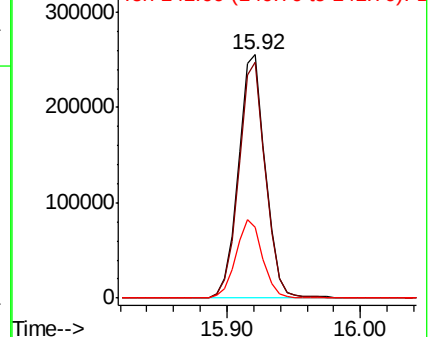
330 100

332 96.0 76.8 115.2

141 32.1 29.2 43.8



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

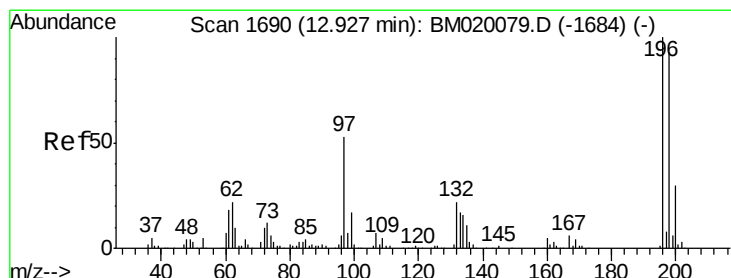
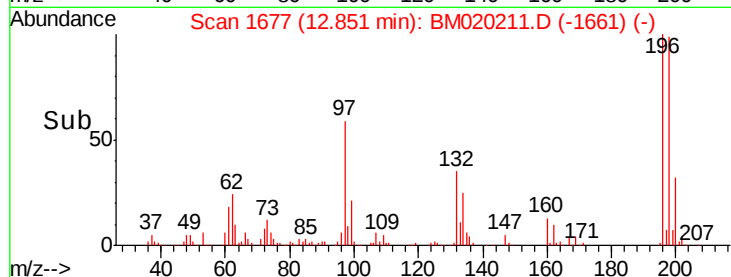
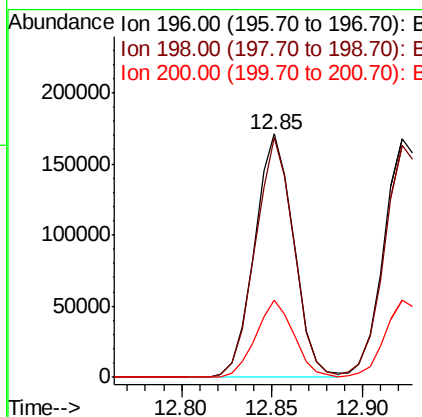
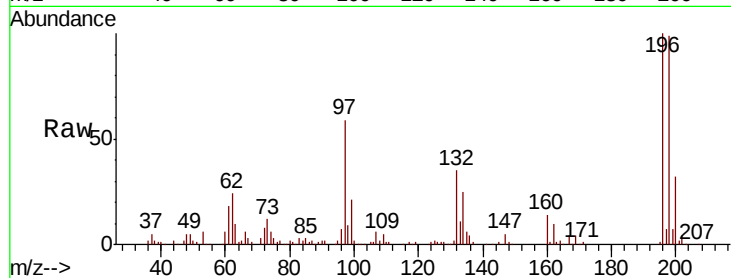




#43
 2,4,6-Trichlorophenol
 Concen: 48.103 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

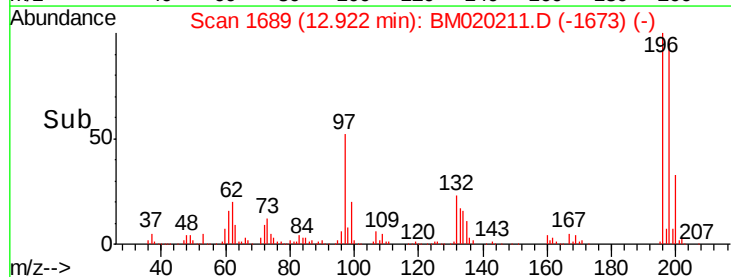
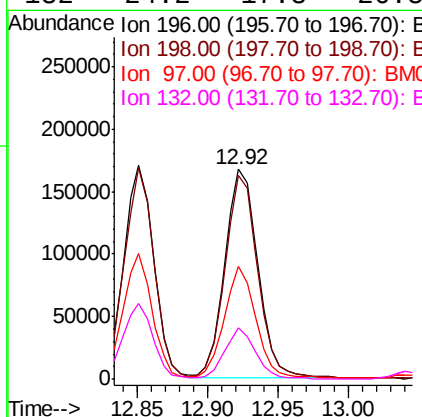
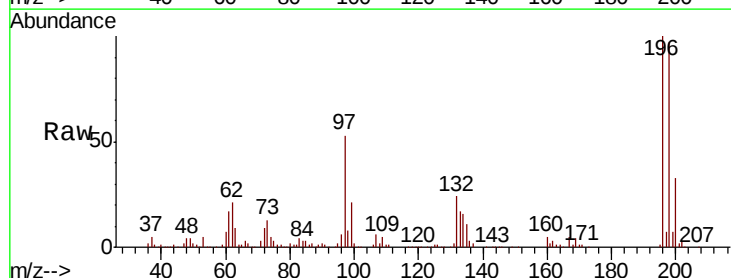
Instrument :
 BNA_G
 ClientSampleId :

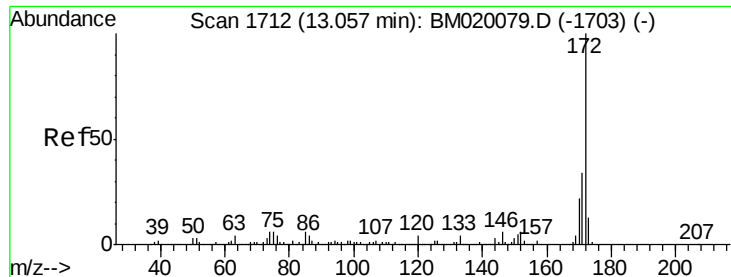
Tot Ion:196 Resp: 256122
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.2 114.2
 200 31.8 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.613 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

Tgt Ion:196 Resp: 271312
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.7 112.1
 97 53.4 42.2 63.4
 132 24.2 17.8 26.8

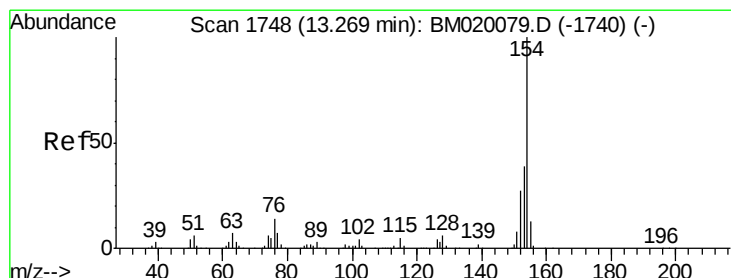
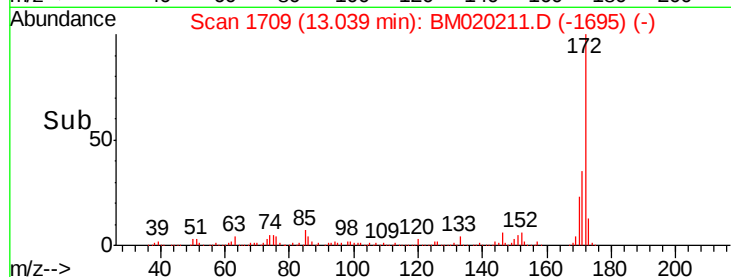
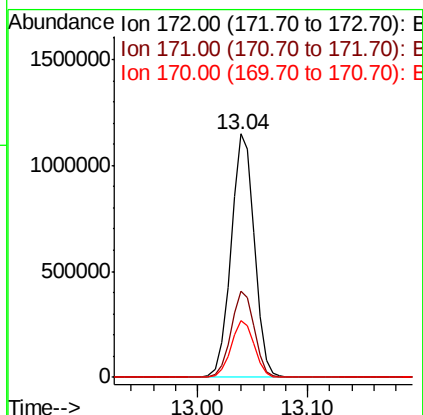
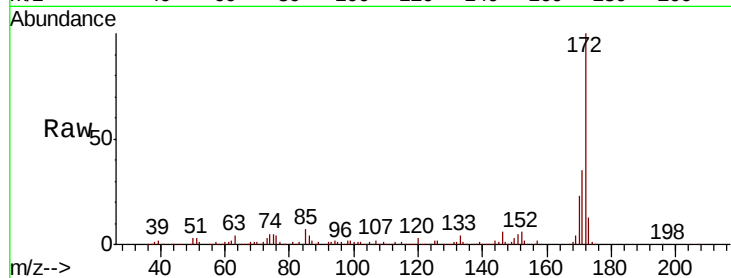




#45
2-Fluorobiphenyl
Concen: 87.176 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

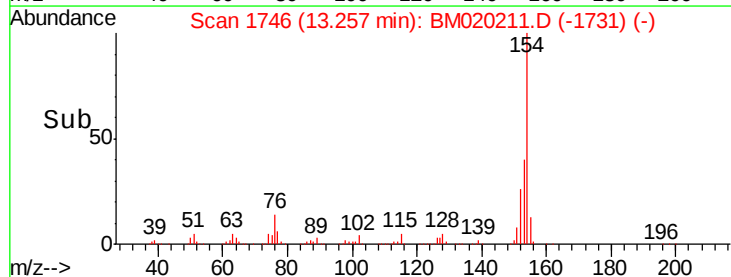
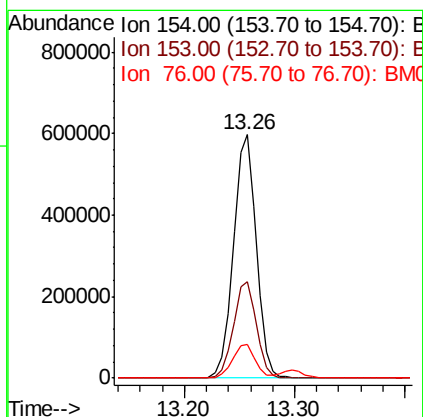
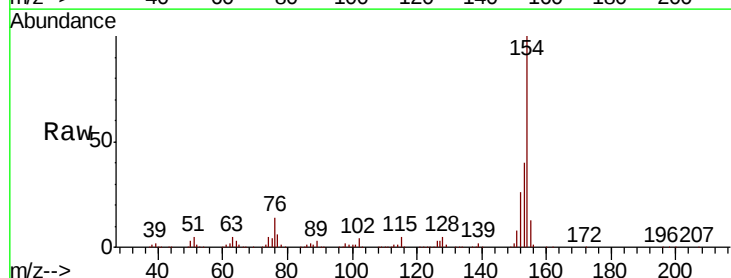
Instrument :
BNA_G
ClientSampleId :

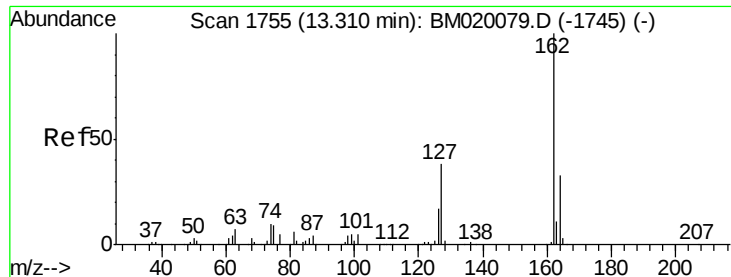
Tot Ion:172 Resp: 1696663
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 23.4 17.9 26.9



#46
1,1'-Biphenyl
Concen: 44.002 ng
RT: 13.26 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:154 Resp: 867282
Ion Ratio Lower Upper
154 100
153 39.7 19.4 59.4
76 13.8 0.0 34.5

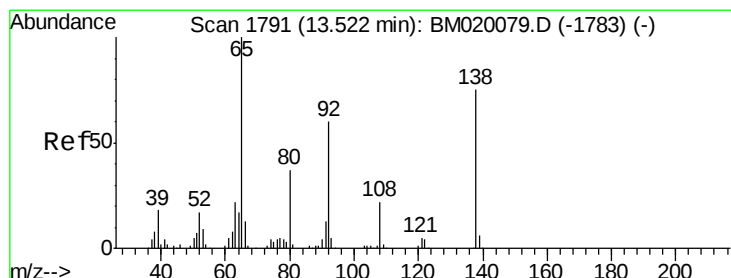
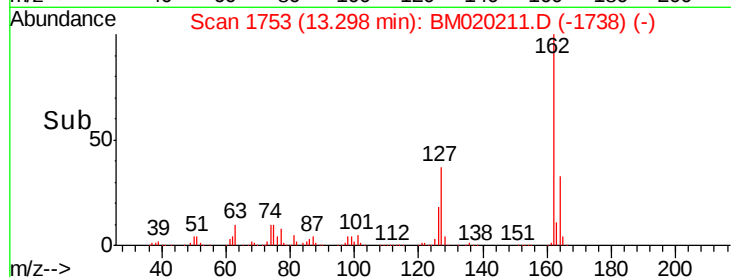
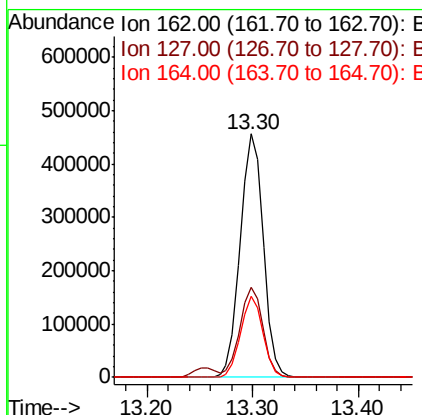
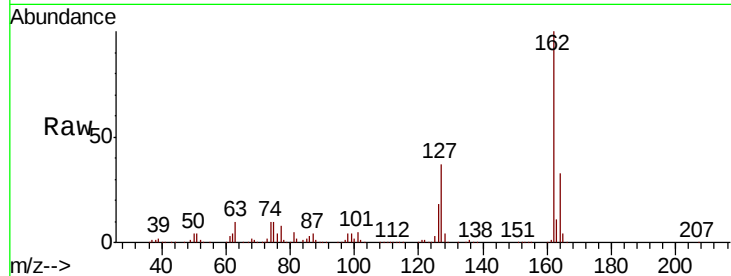




#47
2-Chloronaphthalene
Concen: 43.797 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

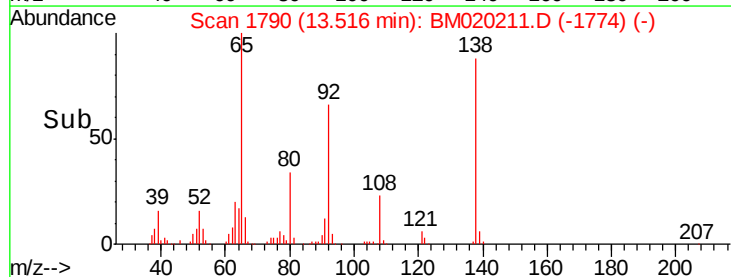
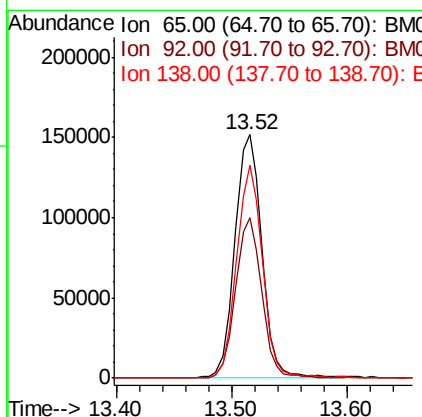
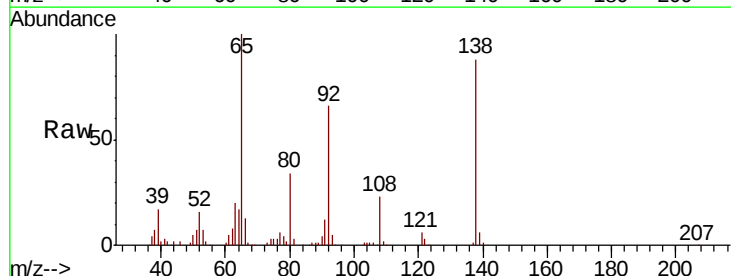
Instrument :
BNA_G
ClientSampleId :

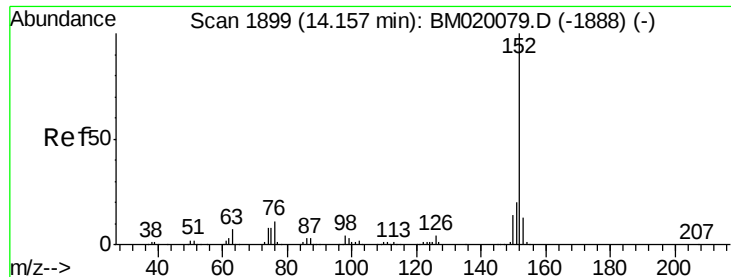
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.0	46.4
164	33.2	26.2	39.2



#48
2-Nitroaniline
Concen: 43.873 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	48.2	72.4
138	87.6	60.3	90.5





#49

Acenaphthylene

Concen: 43.953 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampled :

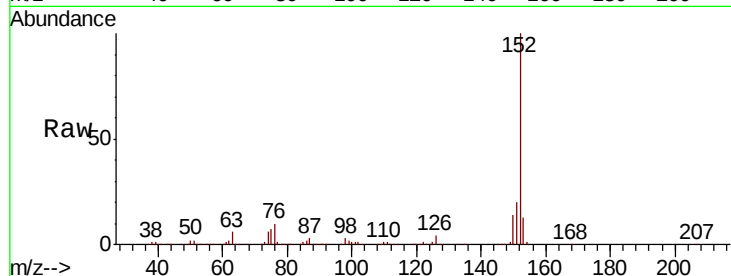
Tot Ion:152 Resp: 1106960

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

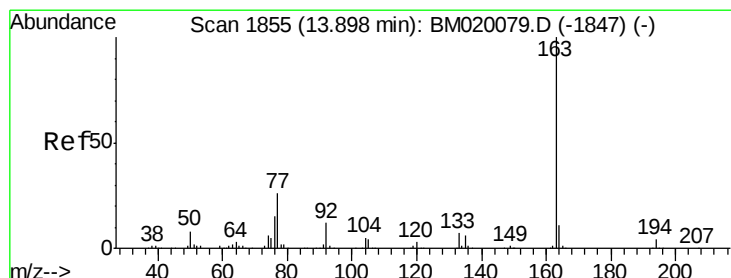
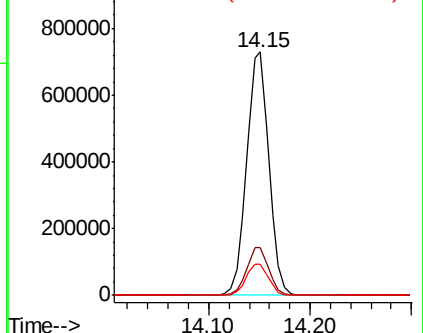
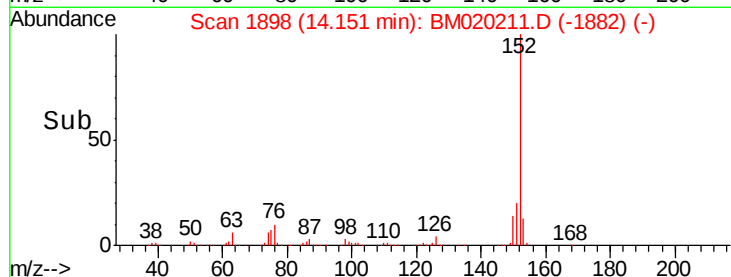
153 12.7 10.6 16.0



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: 43.766 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

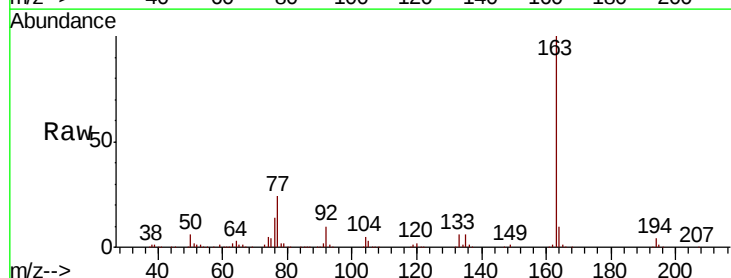
Tgt Ion:163 Resp: 890738

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

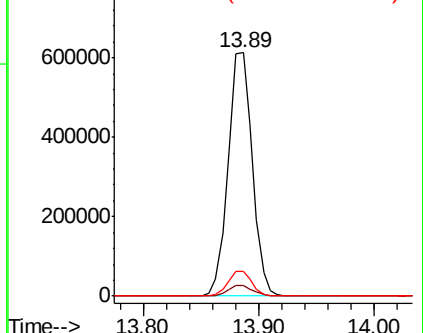
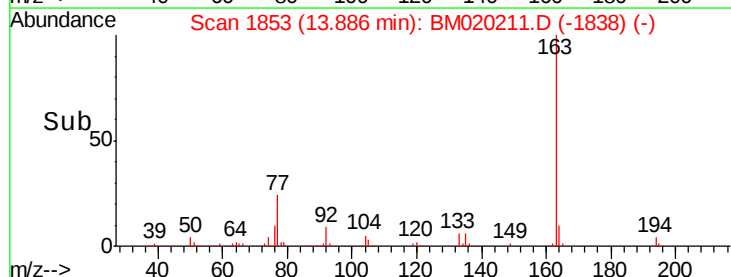
164 10.2 8.4 12.6

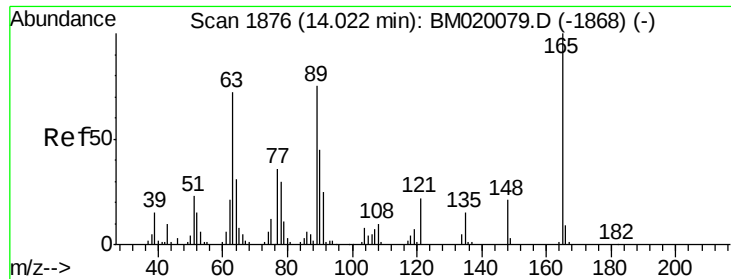


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

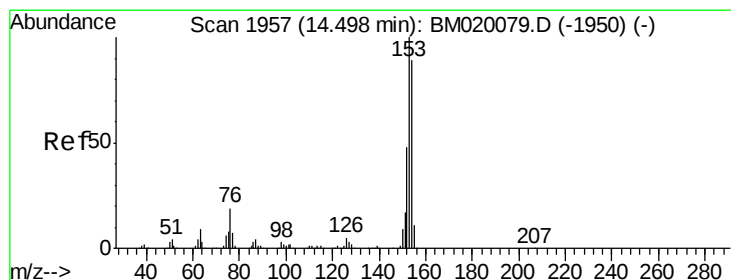
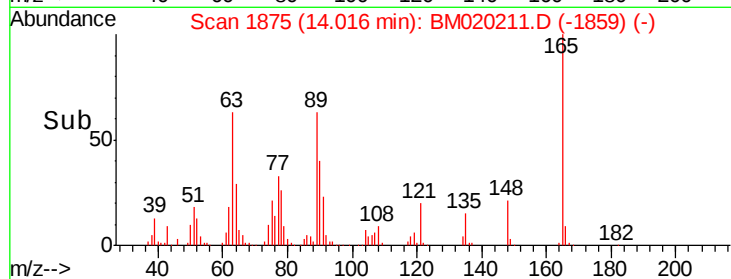
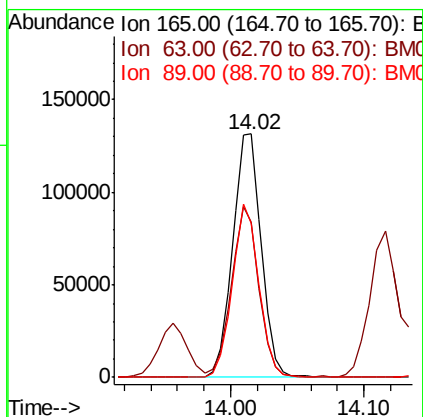
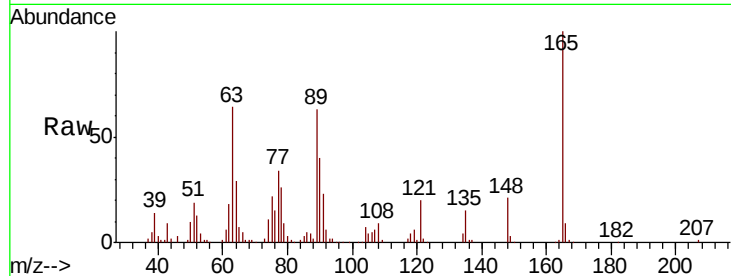




#51
2,6-Dinitrotoluene
Concen: 45.713 ng
RT: 14.02 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

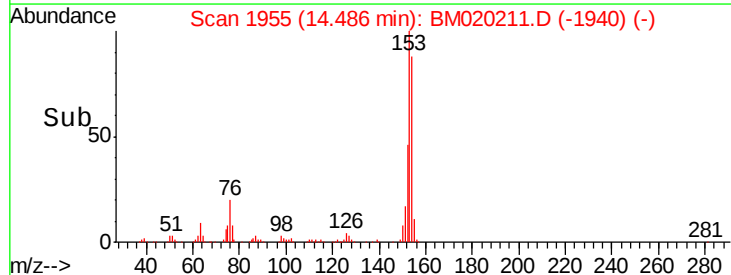
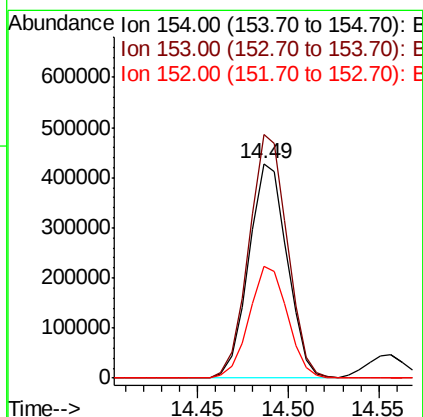
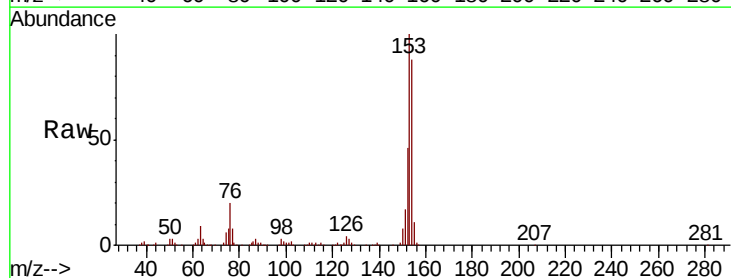
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.7	60.3	90.5
89	63.4	59.8	89.6



#52
Acenaphthene
Concen: 43.625 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.2	135.2
152	52.1	43.0	64.4

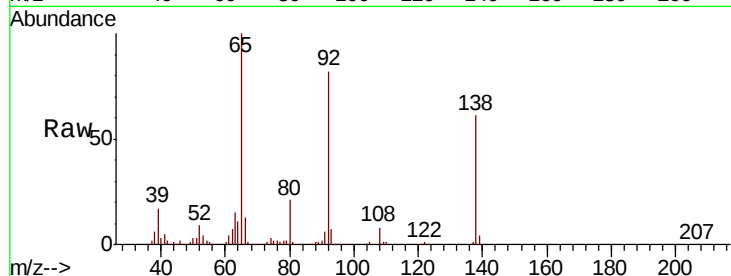




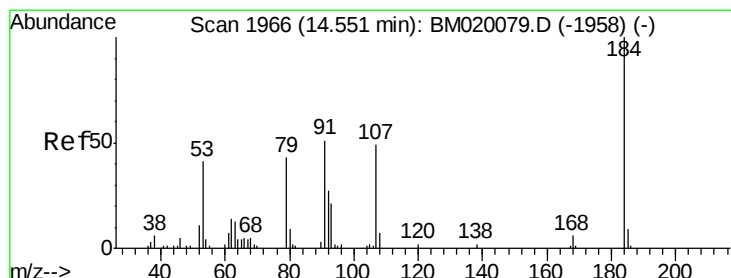
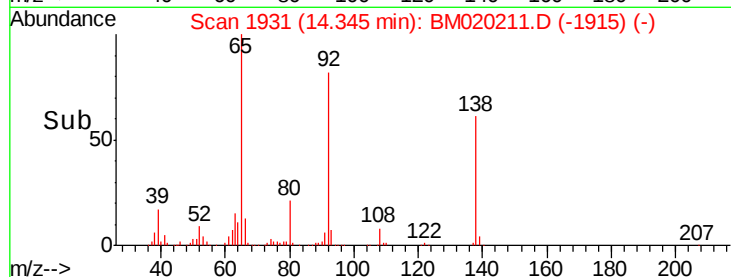
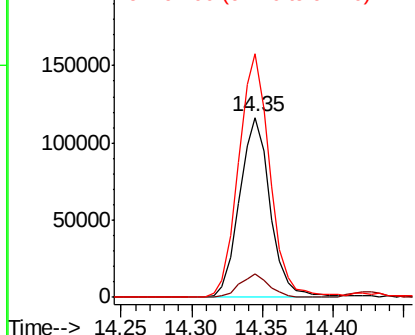
#53
3-Nitroaniline
Concen: 44.462 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 176892
Ion Ratio Lower Upper
138 100
108 12.8 10.4 15.6
92 135.3 111.3 166.9

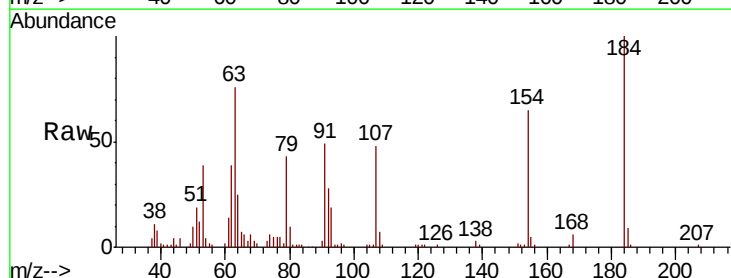


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

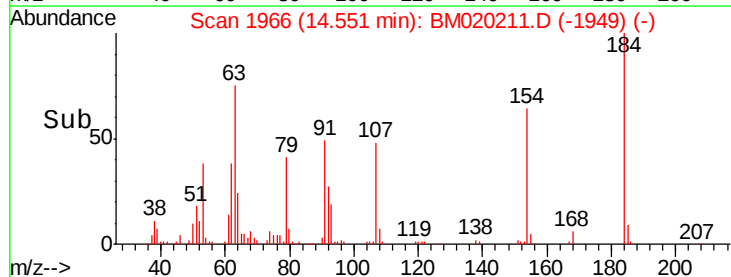
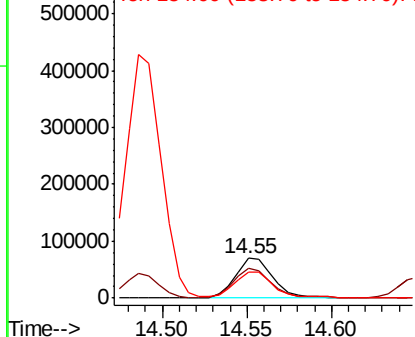


#54
2,4-Dinitrophenol
Concen: 53.819 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:184 Resp: 108900
Ion Ratio Lower Upper
184 100
63 76.2 68.9 103.3
154 64.9 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

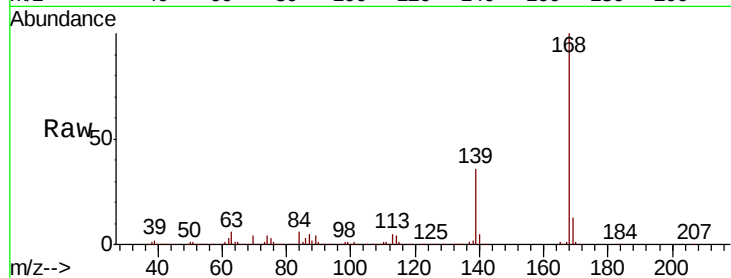




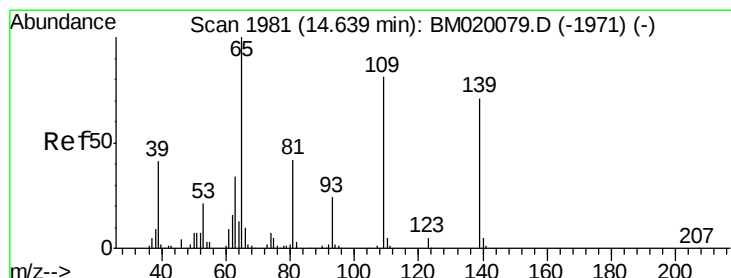
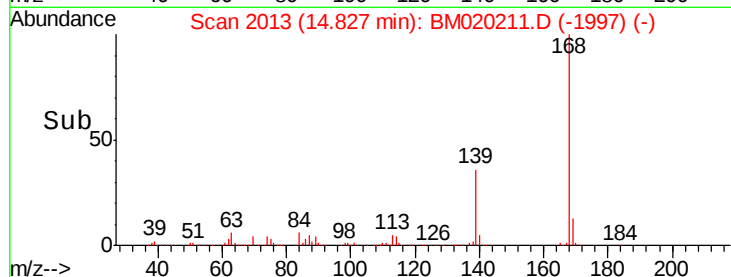
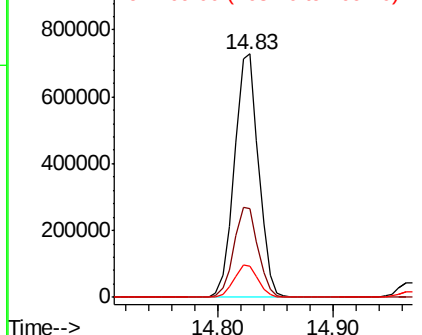
#55
Dibenzofuran
Concen: 43.247 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 1053547
Ion Ratio Lower Upper
168 100
139 36.2 31.1 46.7
169 12.8 10.6 16.0

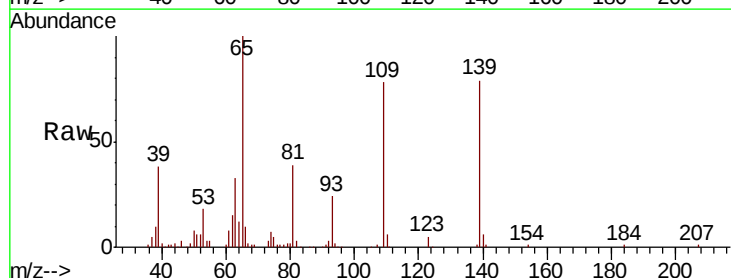


Abundance Ion 168.00 (167.70 to 168.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

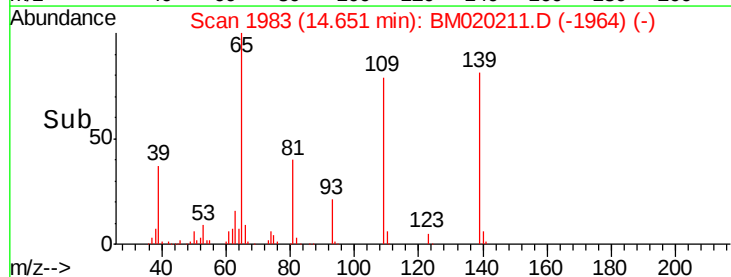
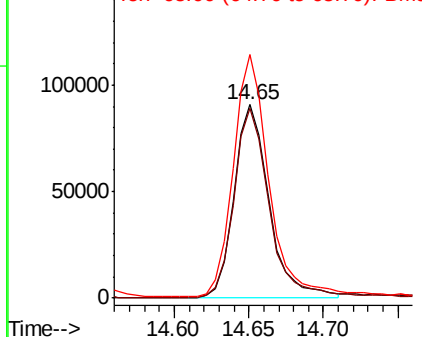


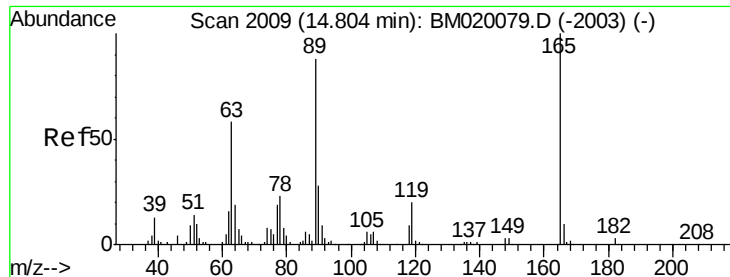
#56
4-Nitrophenol
Concen: 44.020 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:139 Resp: 149425
Ion Ratio Lower Upper
139 100
109 98.1 94.1 134.1
65 125.8 120.9 160.9



Abundance Ion 139.00 (138.70 to 139.70): E
150000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

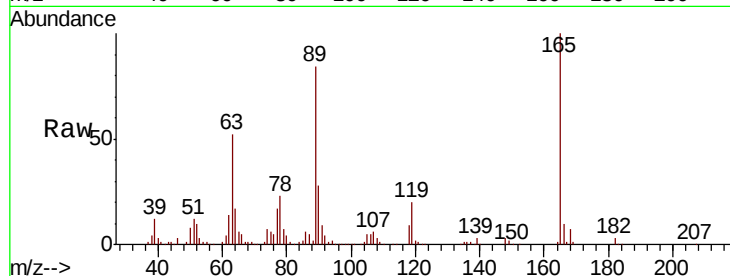




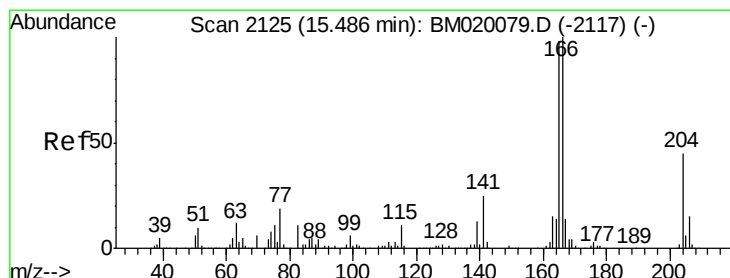
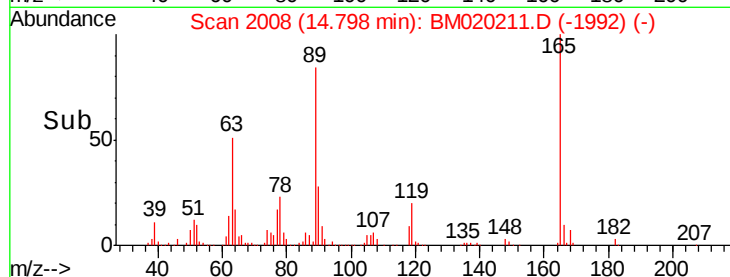
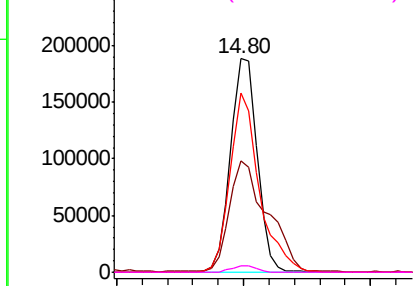
#57
2,4-Dinitrotoluene
Concen: 47.165 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 274724
Ion Ratio Lower Upper
165 100
63 51.9 46.2 69.2
89 83.7 70.6 105.8
182 2.9 2.2 3.2

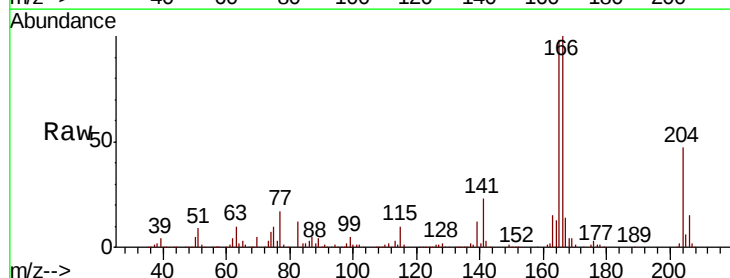


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

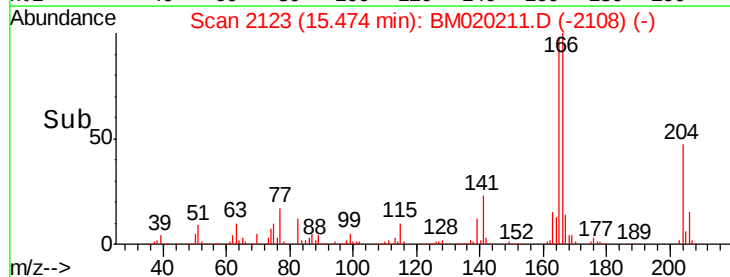
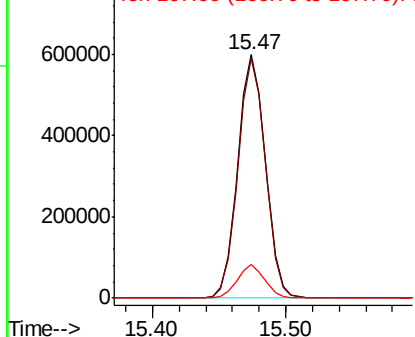


#58
Fluorene
Concen: 42.944 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:166 Resp: 859185
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.8 11.0 16.4



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

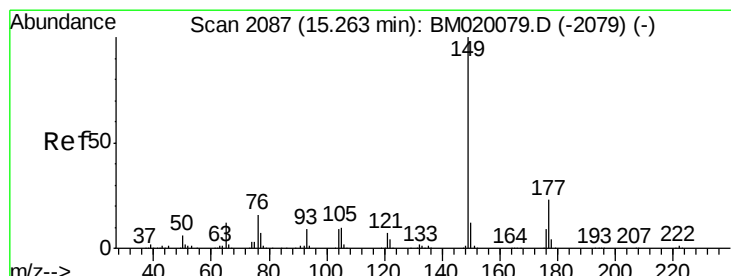
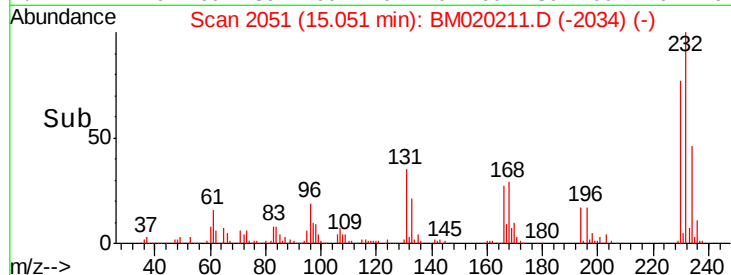
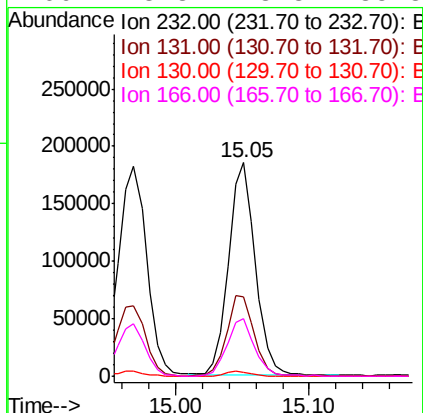
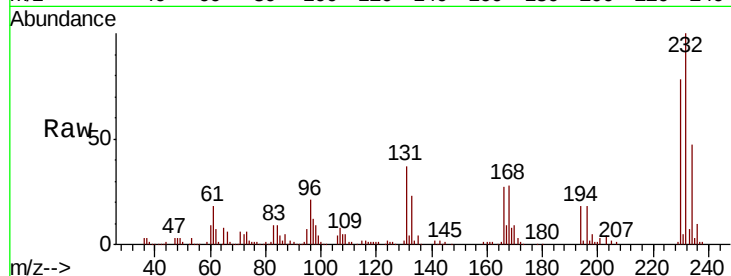




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.944 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

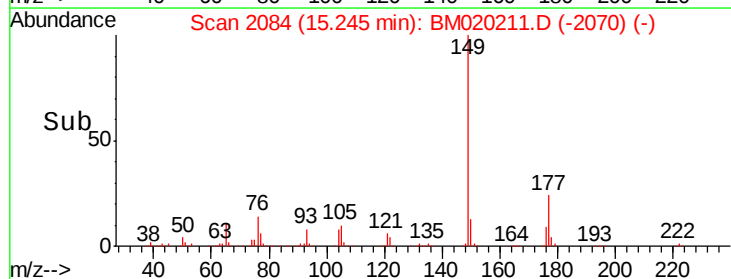
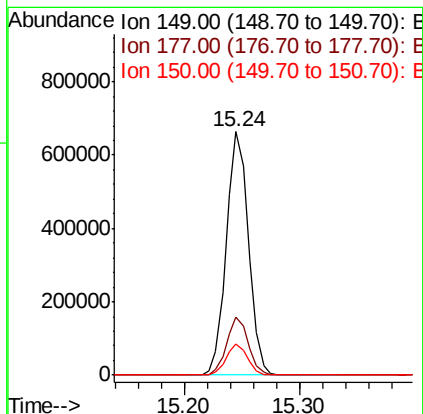
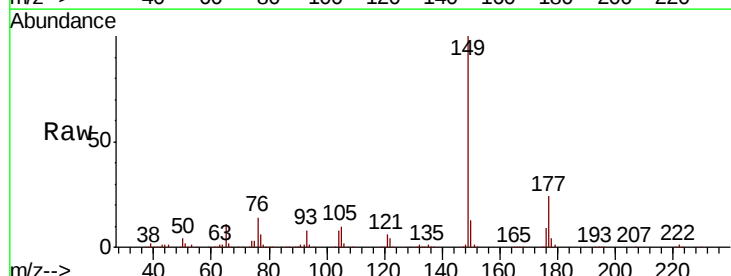
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	259698
Ion	Ratio	Lower	Upper
232	100		
131	38.2	34.2	51.4
130	2.3	2.0	3.0
166	28.3	23.8	35.8



#60
 Diethylphthalate
 Concen: 42.997 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020211.D
 Acq: 09 May 2019 11:27

Tgt Ion:	149	Resp:	881628
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.2	27.4
150	12.7	9.9	14.9

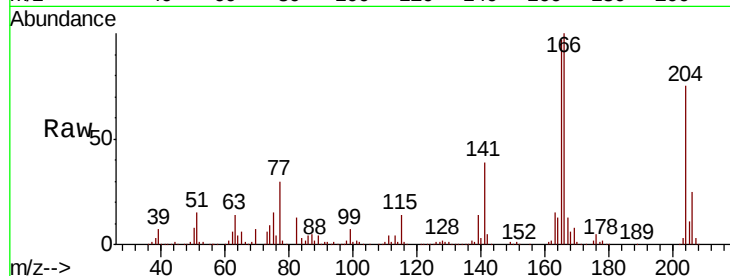




#61
4-Chlorophenyl-phenylether
Concen: 42.995 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	51.9	46.1	69.1

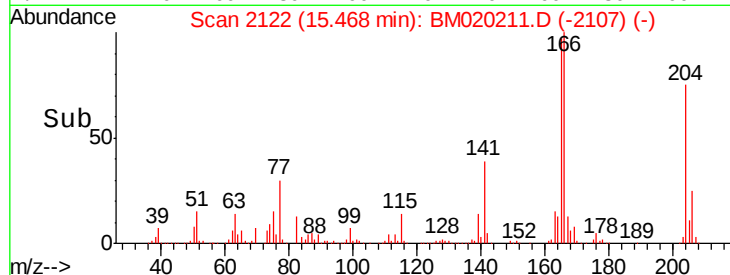
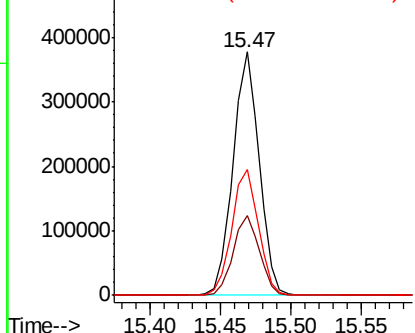


Abundance

Ion 204.00 (203.70 to 204.70): E

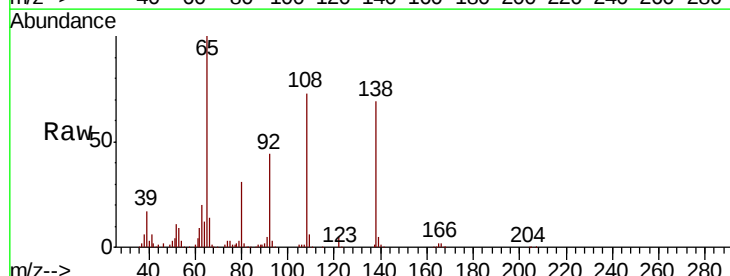
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.166 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.4	45.9	85.9
108	106.7	97.7	137.7

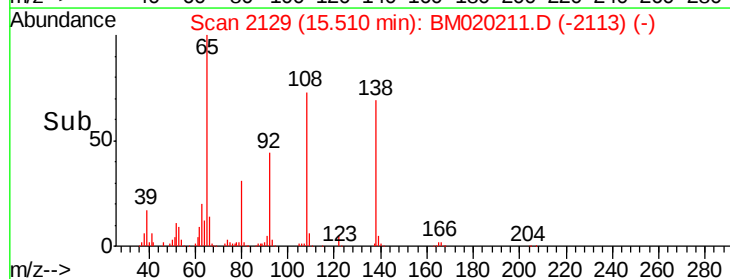
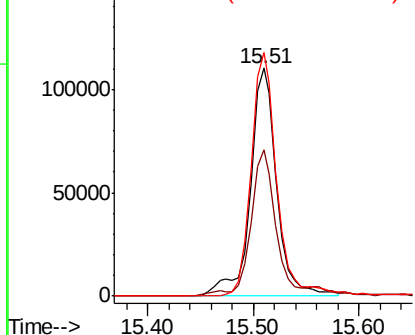


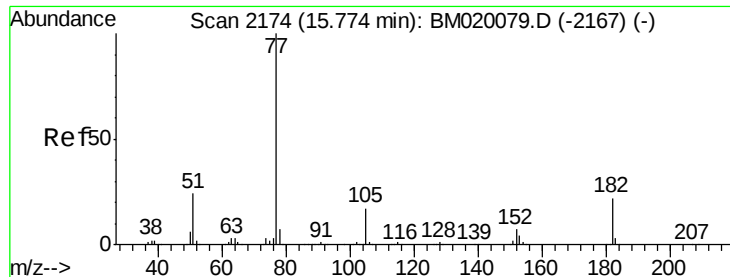
Abundance

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

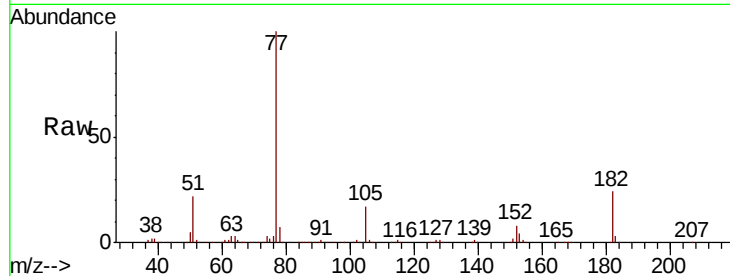




#63
Azobenzene
Concen: 39.723 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	960894
Ion	Ratio	Lower	Upper
77	100		
182	24.1	2.1	42.1
105	17.0	0.0	36.8
51	22.3	3.8	43.8

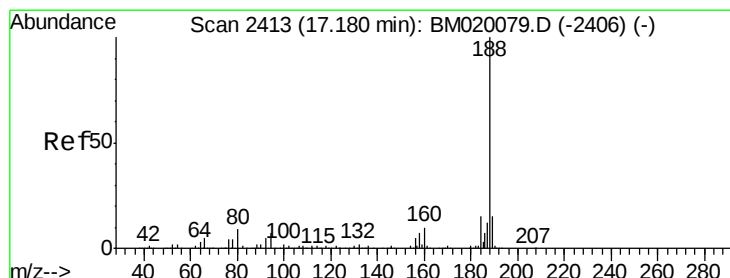
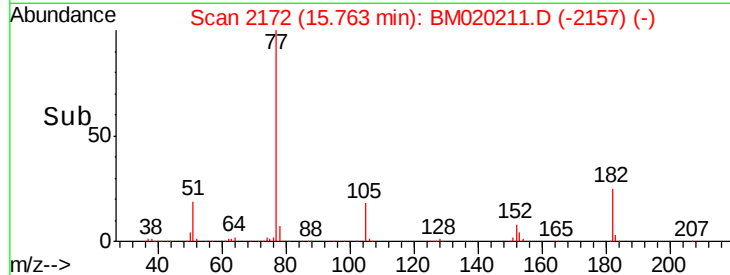
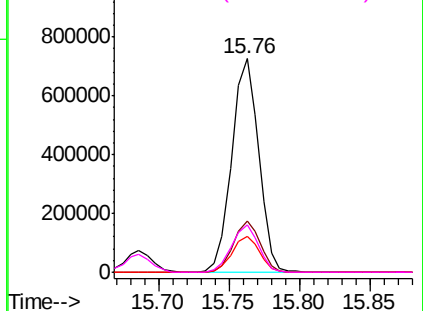


Abundance Ion 77.00 (76.70 to 77.70): BM020211.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020211.D (-2157) (-)

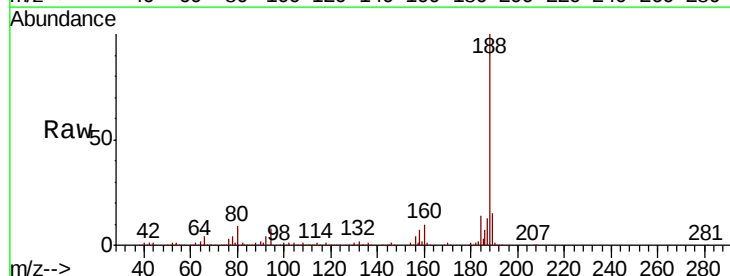
Ion 105.00 (104.70 to 105.70): BM020211.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020211.D (-2157) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

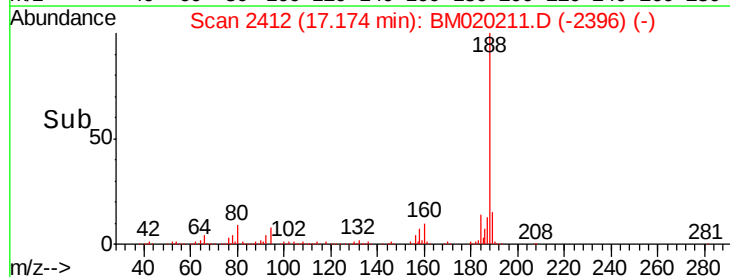
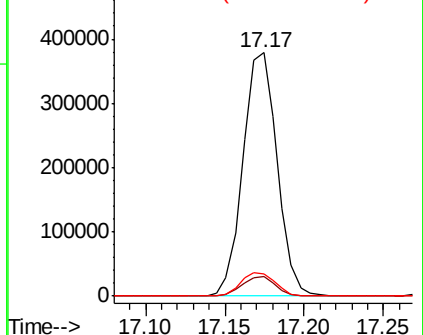
Tgt Ion:	188	Resp:	566200
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	9.0	7.4	11.2

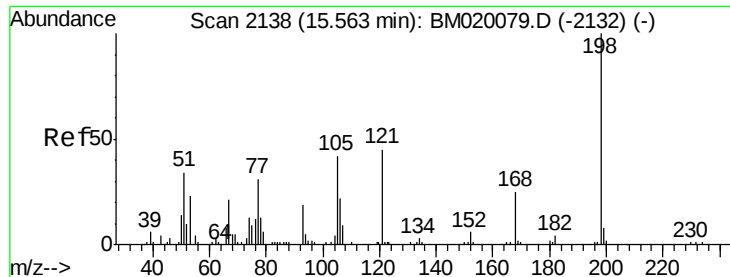


Abundance Ion 188.00 (187.70 to 188.70): BM020211.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020211.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020211.D (-2396) (-)

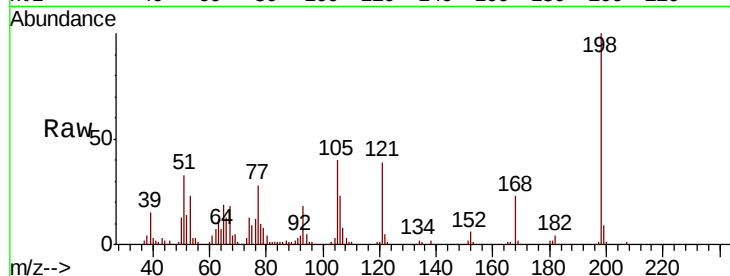




#65
4,6-Dinitro-2-methylphenol
Concen: 54.937 ng
RT: 15.56 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.8	16.5	56.5
105	40.3	22.8	62.8

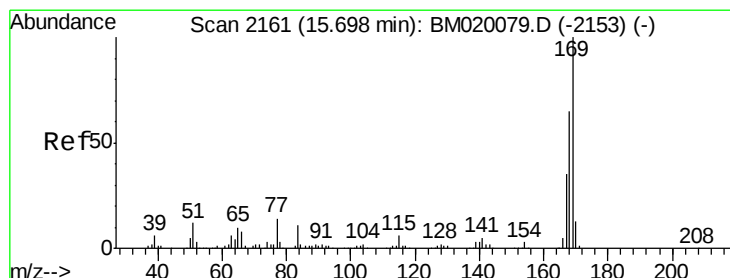
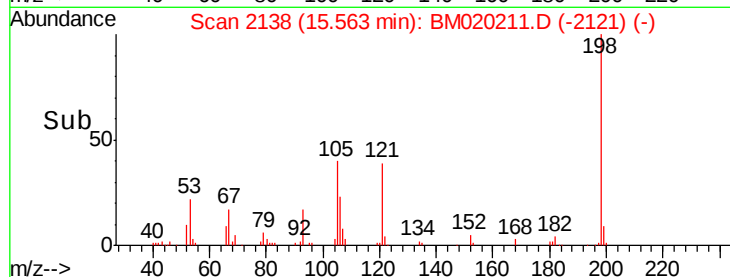
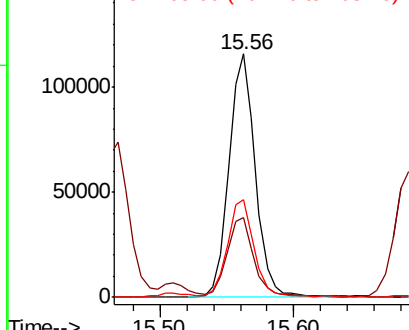


Abundance

Ion 198.00 (197.70 to 198.70): E

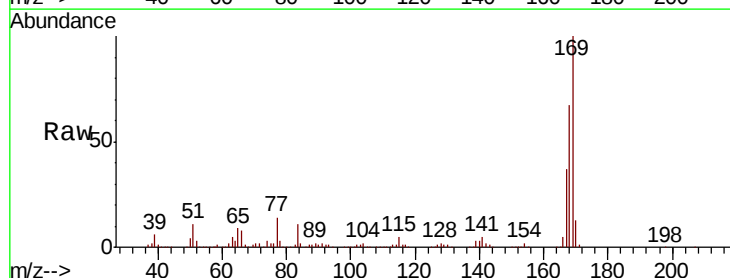
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 44.704 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	51.9	77.9
167	36.7	27.8	41.6

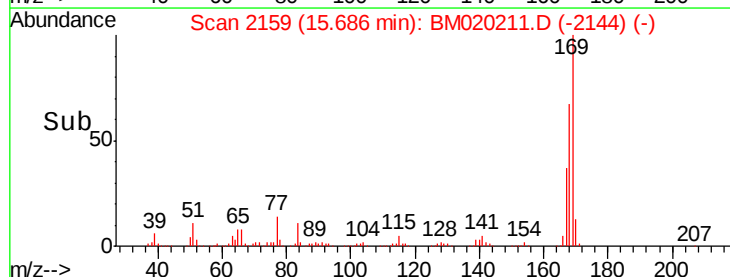
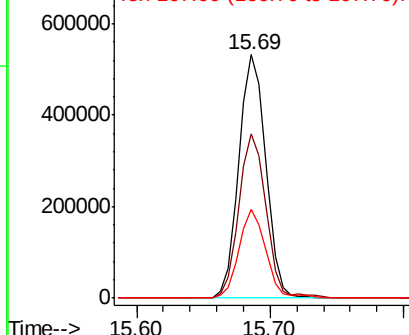


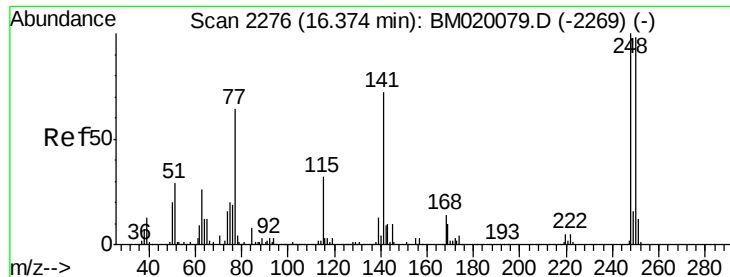
Abundance

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

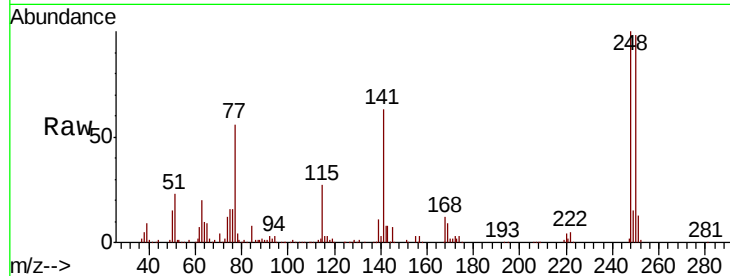




#67
4-Bromophenyl-phenylether
Concen: 45.360 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.4	117.6
141	63.2	57.4	86.2

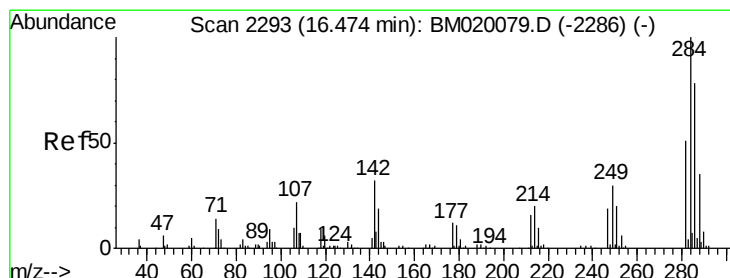
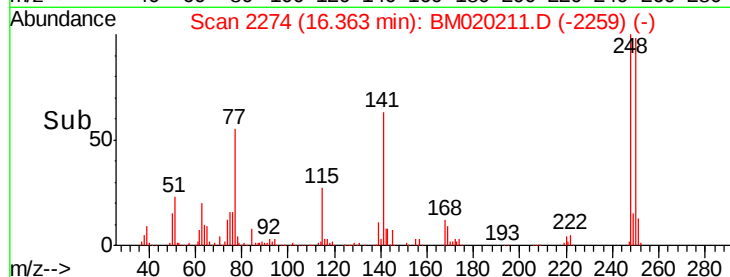
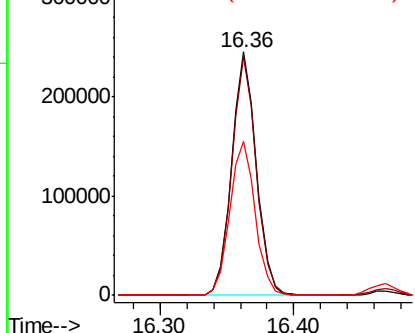


Abundance

Ion 248.00 (247.70 to 248.70): E

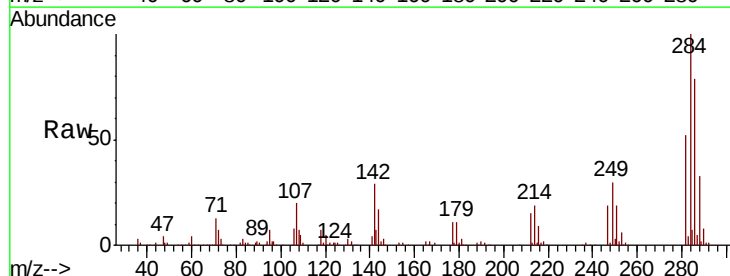
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.028 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	25.2	37.8
249	30.3	23.6	35.4

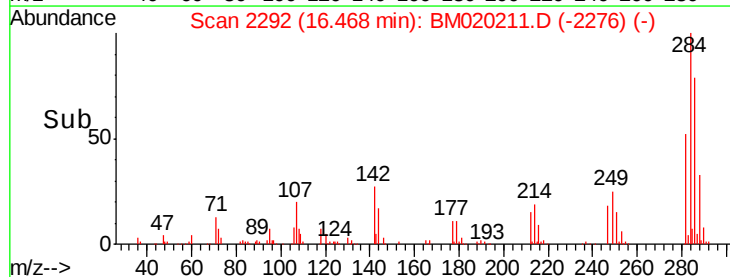
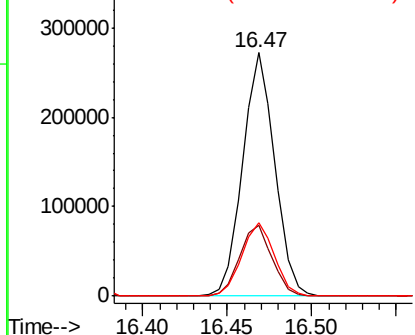


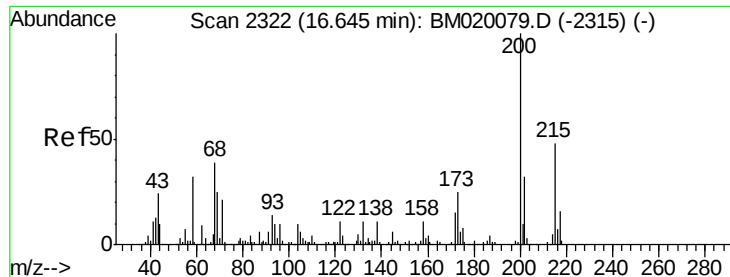
Abundance

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

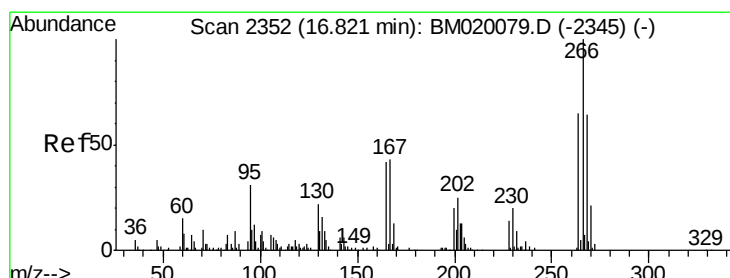
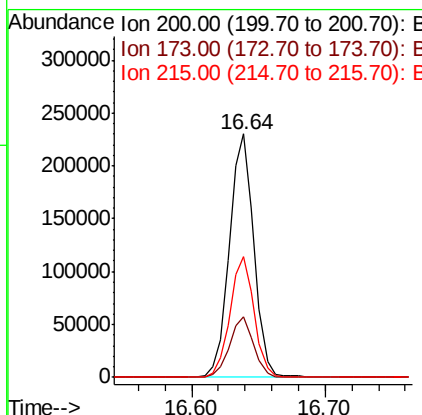
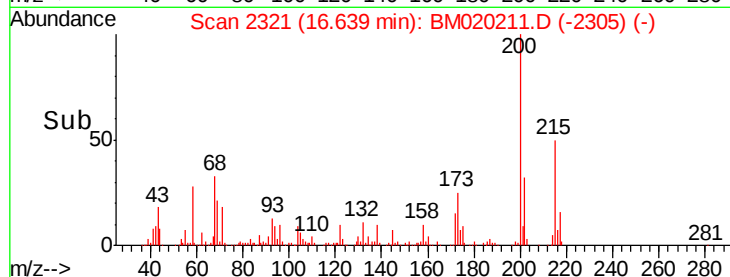
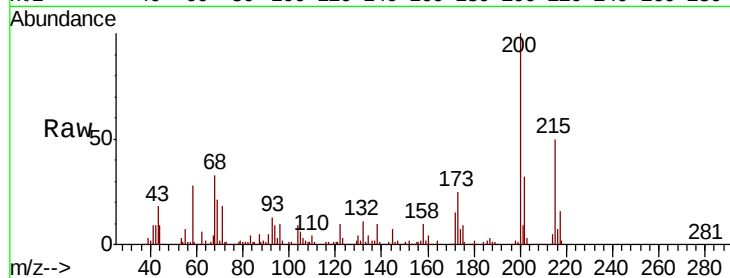




#69
Atrazine
Concen: 45.273 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

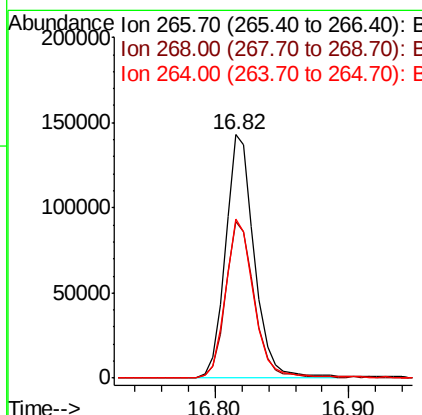
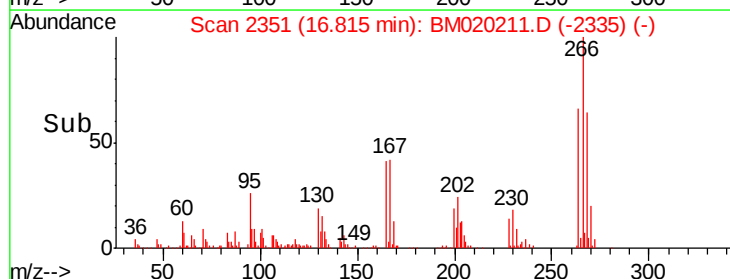
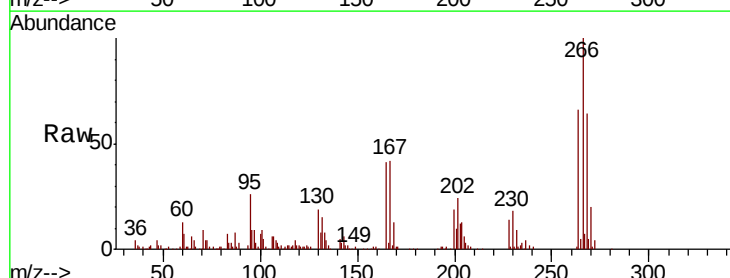
Instrument :
BNA_G
ClientSampleId :

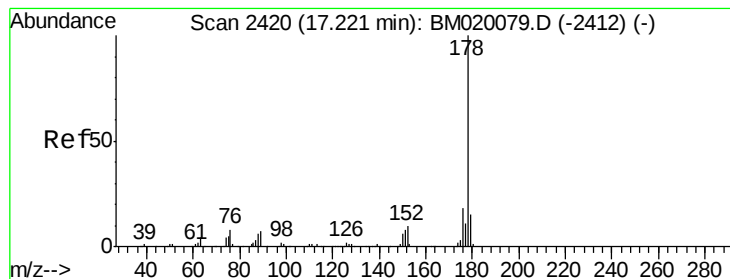
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.6	44.6
215	49.7	28.0	68.0



#70
Pentachlorophenol
Concen: 47.241 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.4	77.0
264	65.6	52.0	78.0





#71

Phenanthrene

Concen: 44.420 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampled :

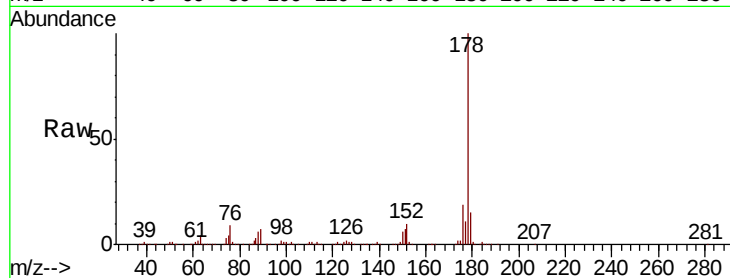
Tot Ion:178 Resp: 1388331

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

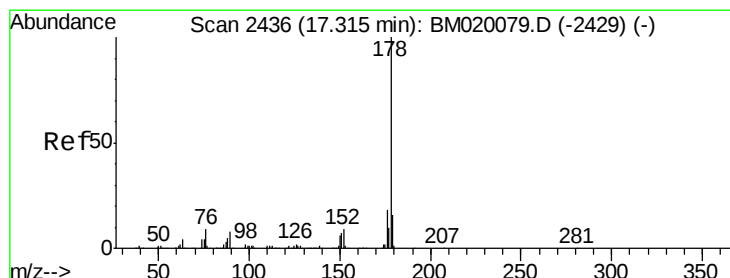
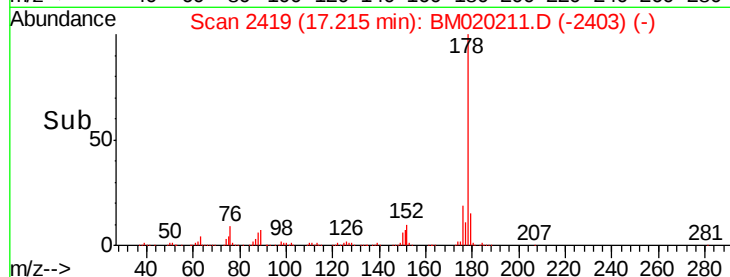
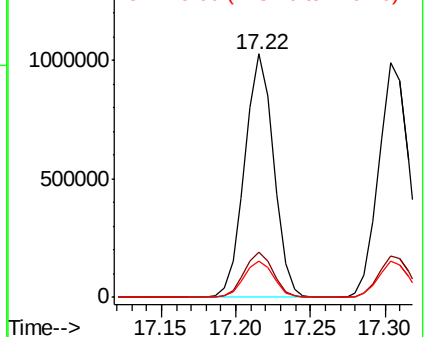
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.352 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

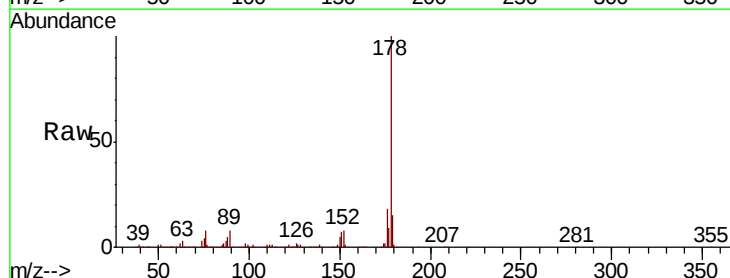
Tgt Ion:178 Resp: 1385969

Ion Ratio Lower Upper

178 100

176 17.8 14.6 22.0

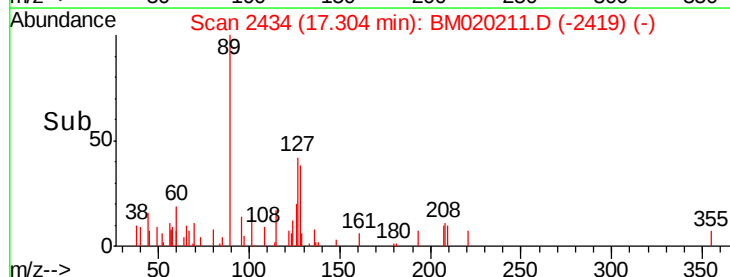
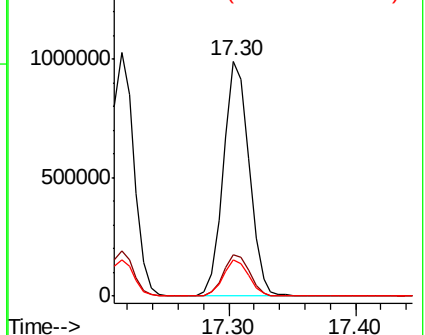
179 15.3 12.4 18.6

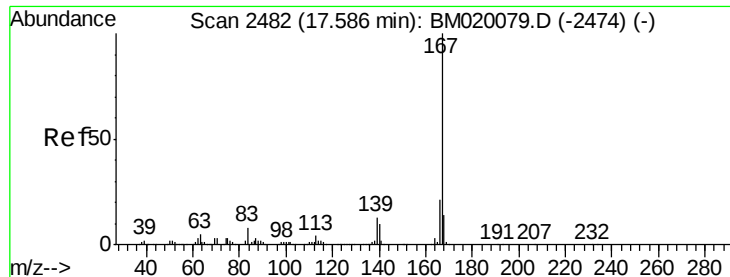


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.097 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampled :

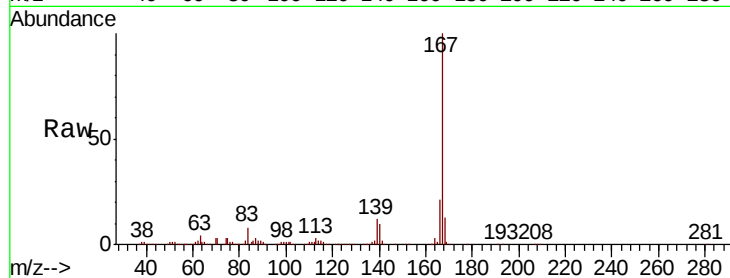
Tot Ion:167 Resp: 1243384

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

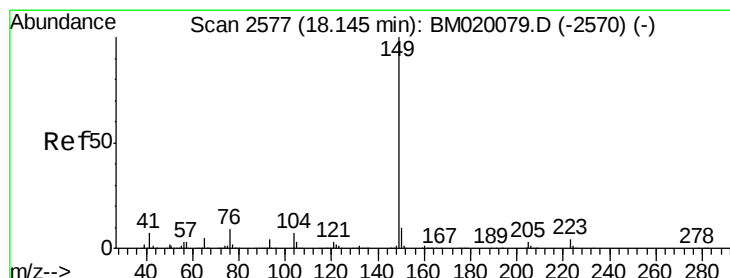
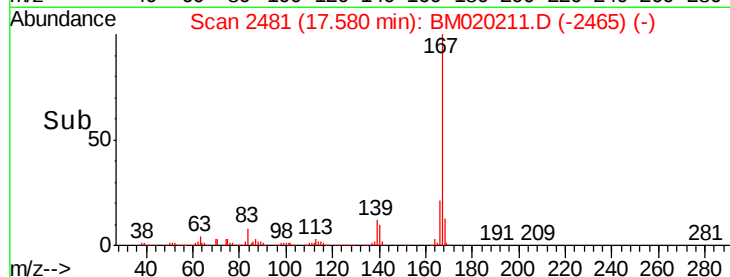
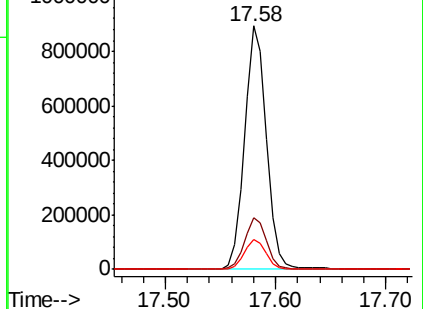
139 12.4 10.6 16.0



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: 45.473 ng

RT: 18.13 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

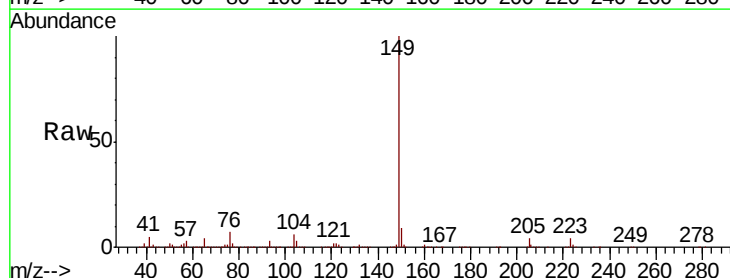
Tgt Ion:149 Resp: 1543048

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

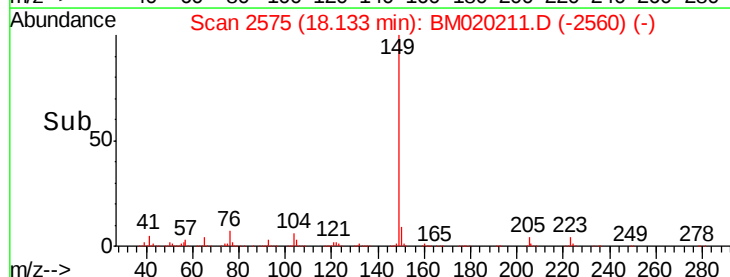
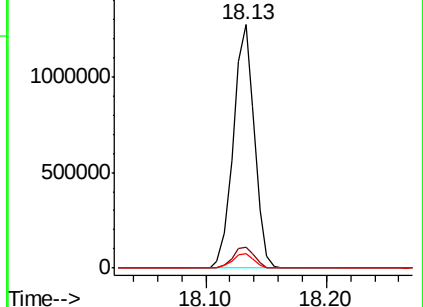
104 6.0 5.7 8.5

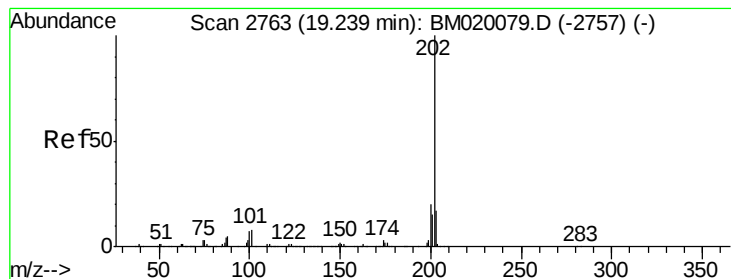


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.561 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

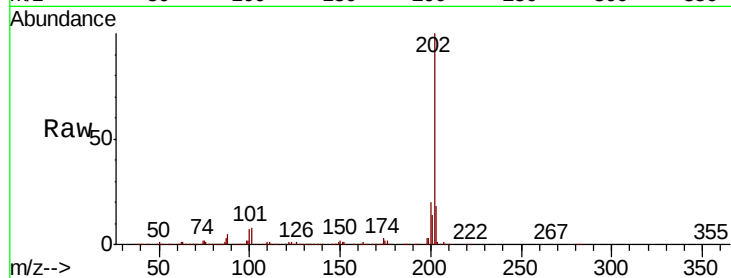
Tot Ion:202 Resp: 1762160

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

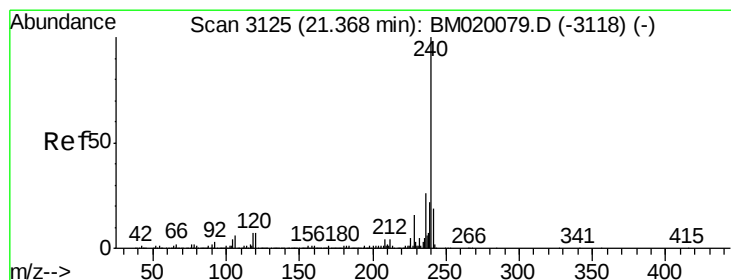
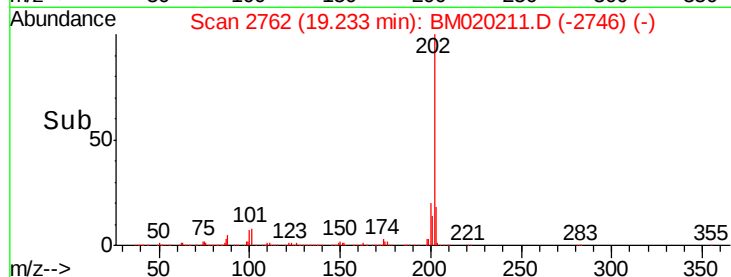
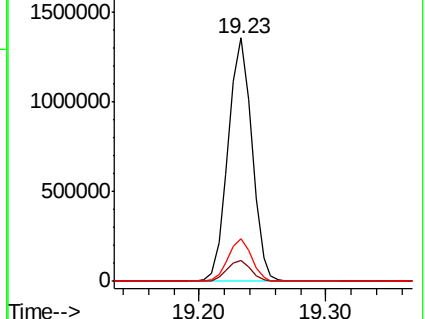
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

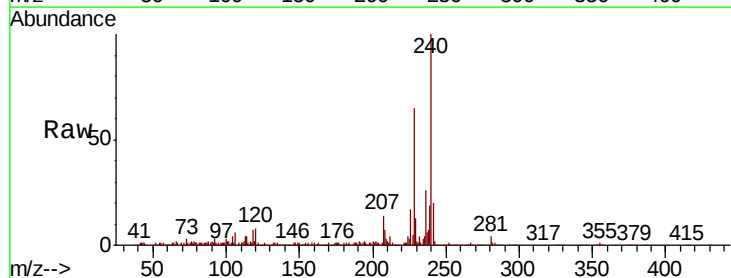
Tgt Ion:240 Resp: 591796

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

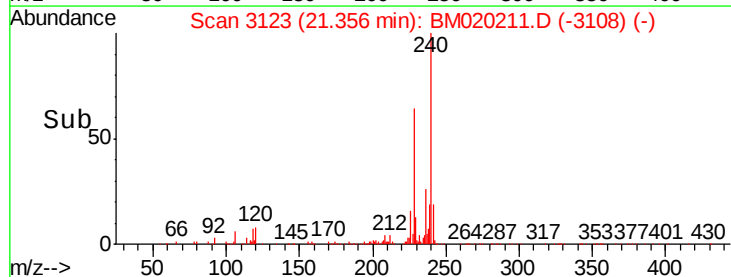
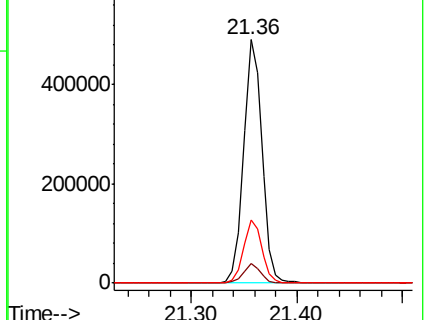
236 25.7 20.9 31.3

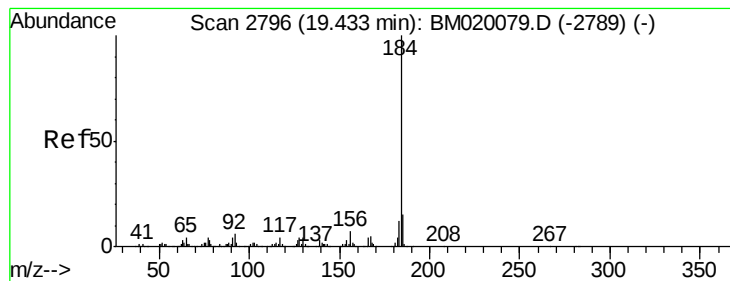


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.001 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

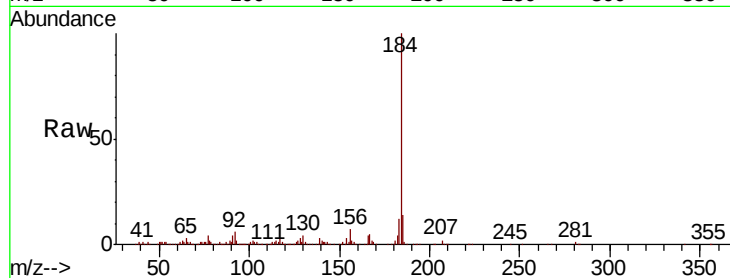
Tot Ion:184 Resp: 794660

Ion Ratio Lower Upper

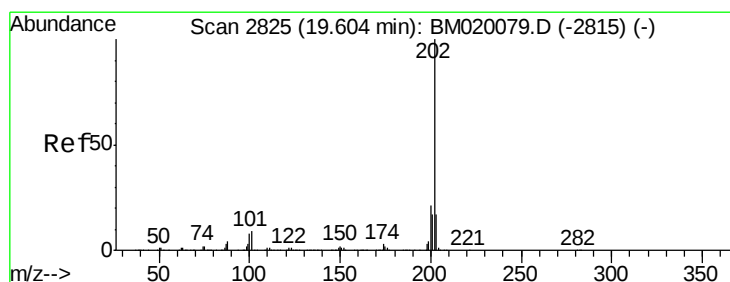
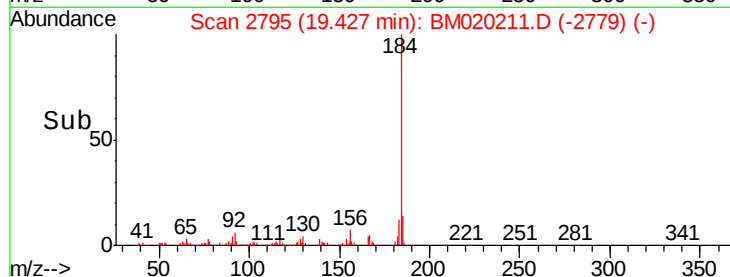
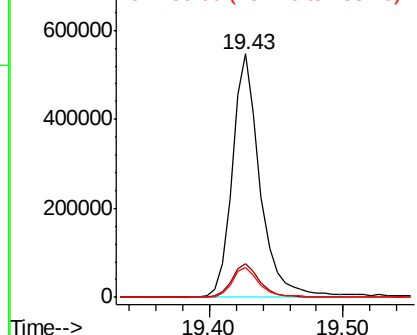
184 100

185 14.0 12.0 18.0

183 12.3 9.5 14.3



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: 45.295 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

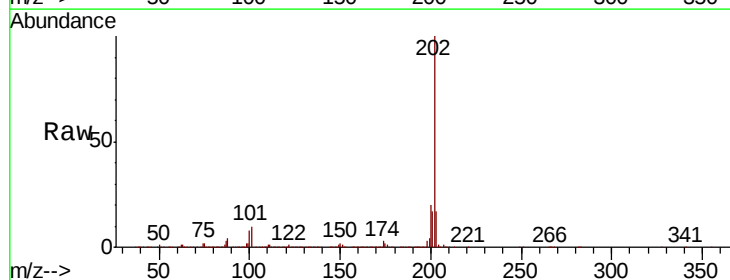
Tgt Ion:202 Resp: 1799673

Ion Ratio Lower Upper

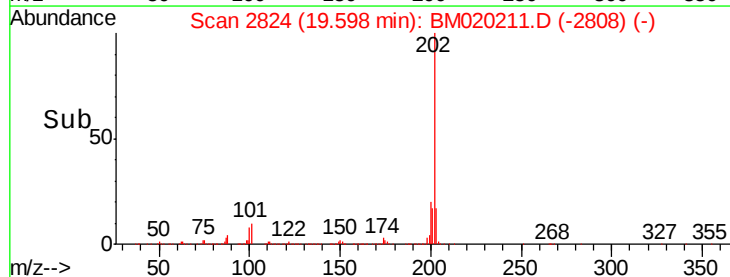
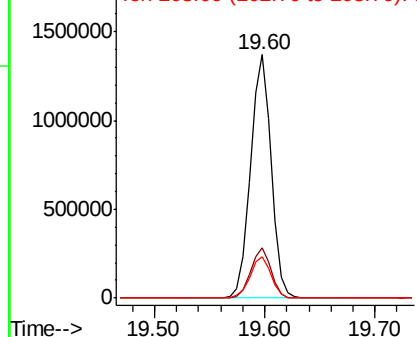
202 100

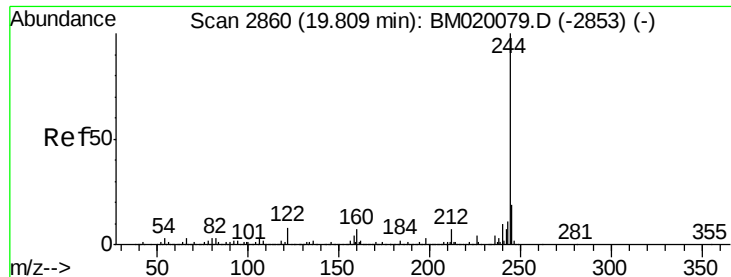
200 20.4 16.5 24.7

203 17.2 13.9 20.9



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





#79

Terphenyl-d14

Concen: 89.207 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

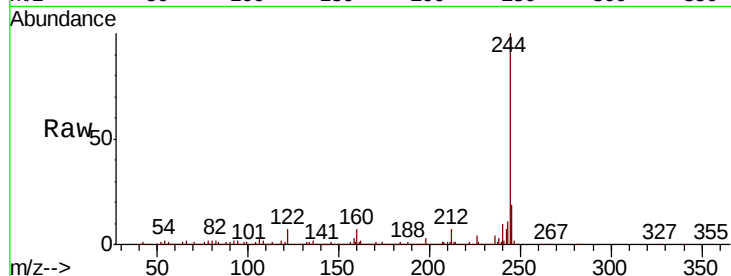
Tot Ion:244 Resp: 3026706

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

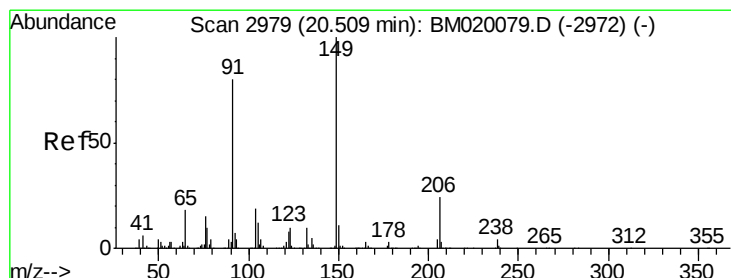
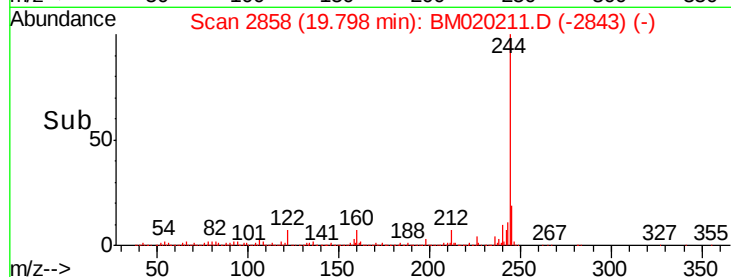
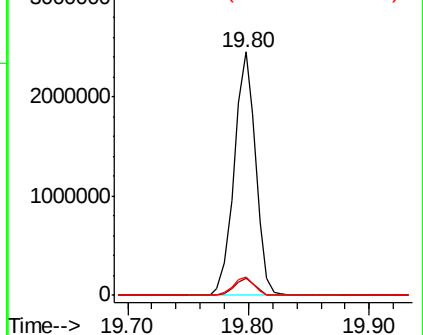
122 7.4 6.2 9.2



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: 49.603 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

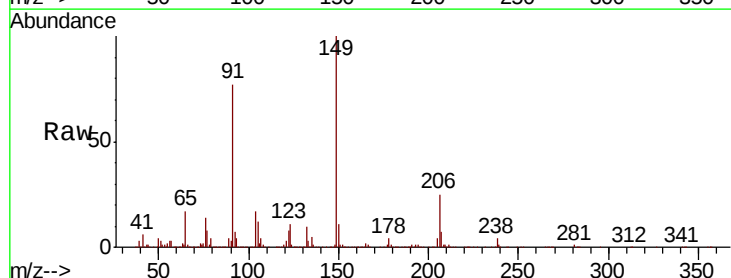
Tgt Ion:149 Resp: 716699

Ion Ratio Lower Upper

149 100

91 77.4 63.8 95.8

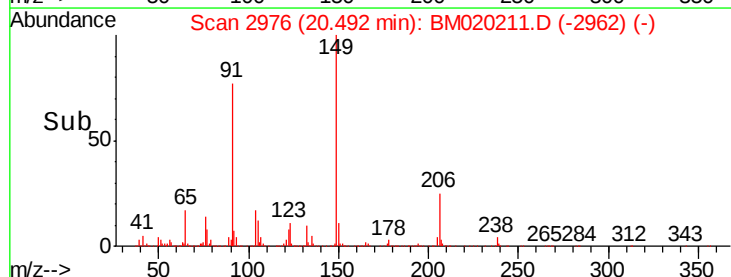
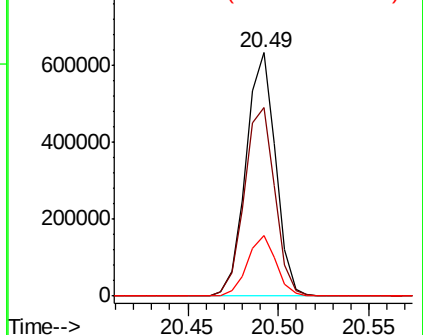
206 24.6 18.9 28.3

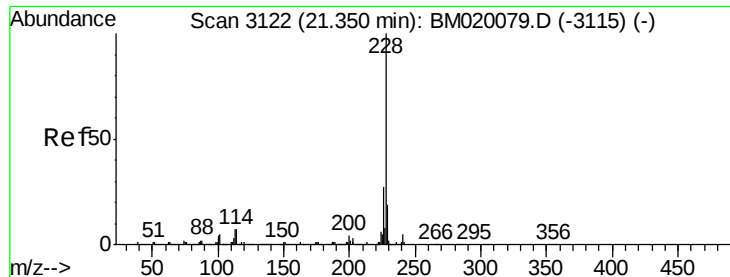


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.202 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

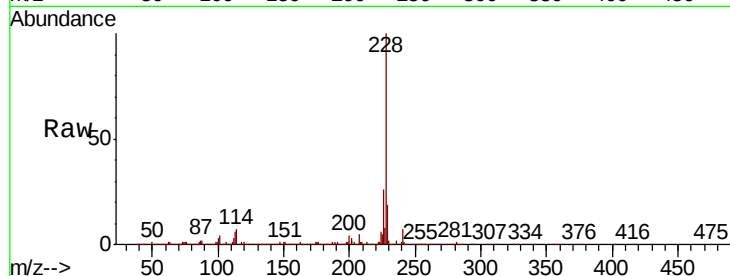
Tot Ion:228 Resp: 1834496

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.3	31.9
229	19.1	15.5	23.3

228 100

226 25.6 21.3 31.9

229 19.1 15.5 23.3

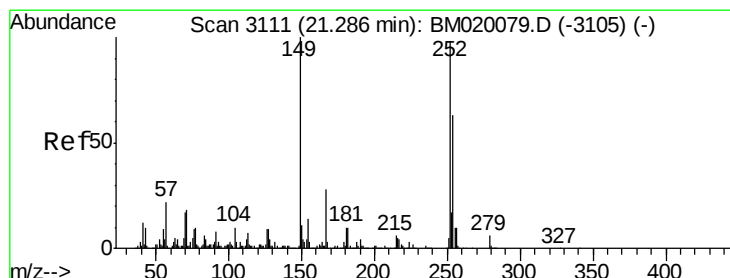
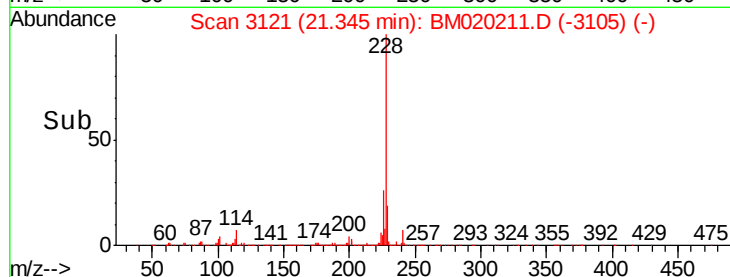
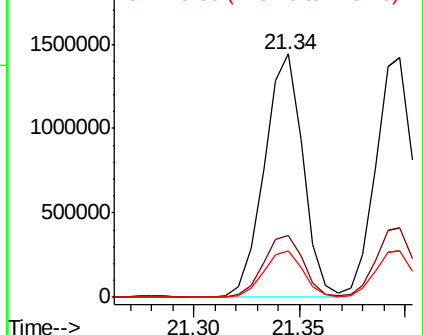


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.439 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

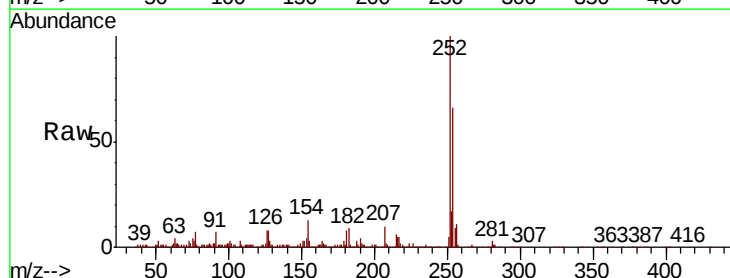
Tgt Ion:252 Resp: 735606

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	7.7	7.1	10.7

252 100

254 65.7 51.1 76.7

126 7.7 7.1 10.7

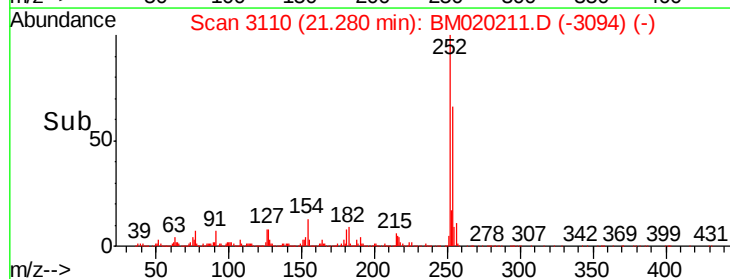
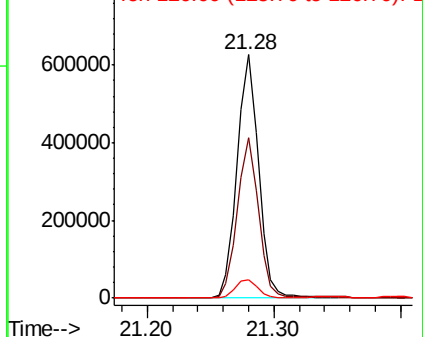


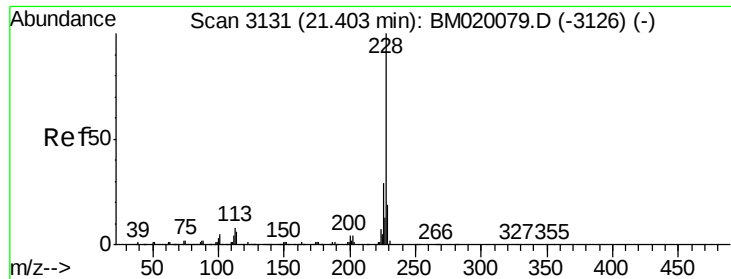
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.105 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

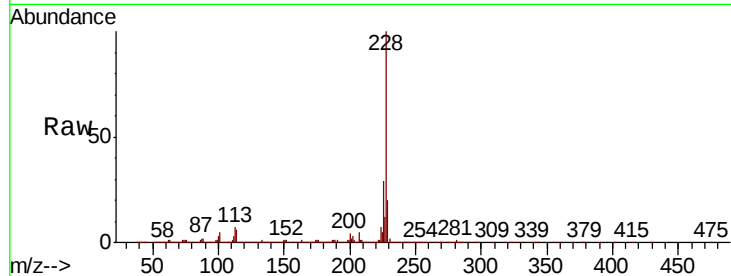
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1775264

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.5	15.5	23.3

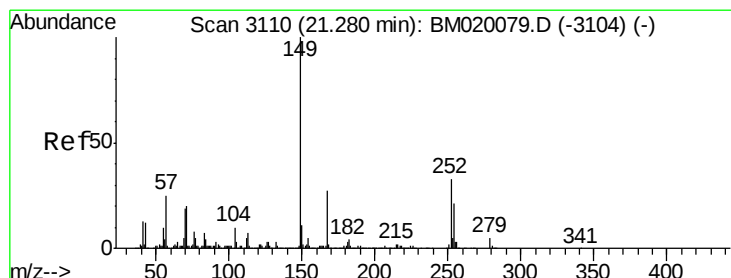
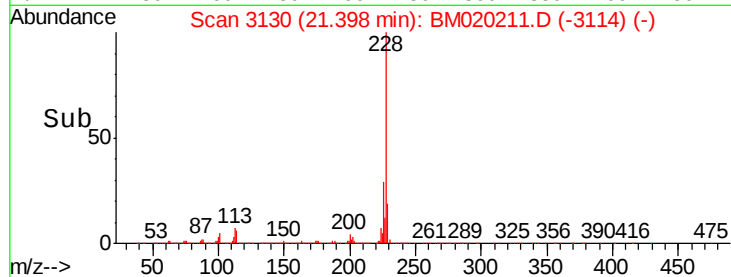
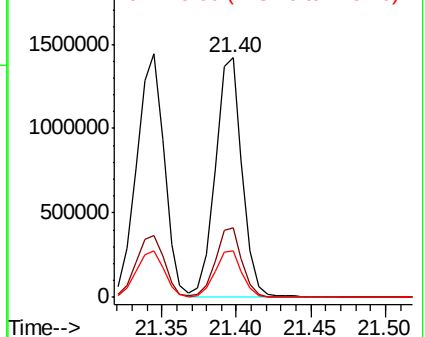


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.826 ng

RT: 21.26 min Scan# 3106

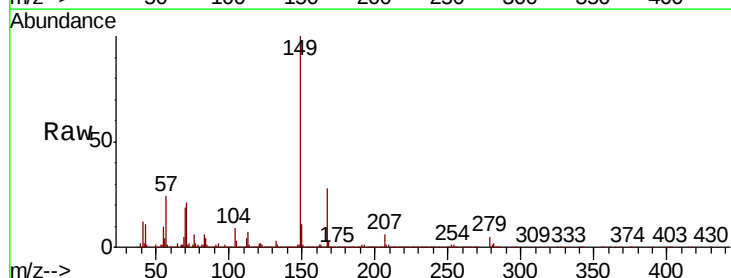
Delta R.T. -0.02 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Tgt Ion:149 Resp: 1049879

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	5.1	4.2	6.2

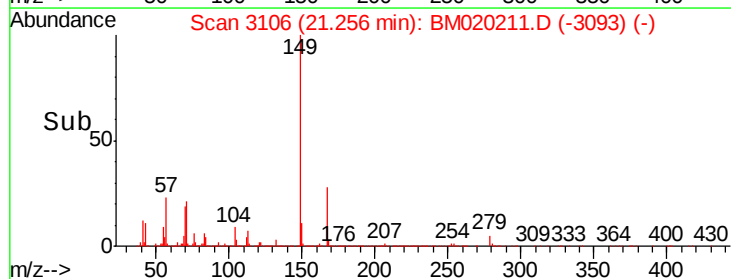
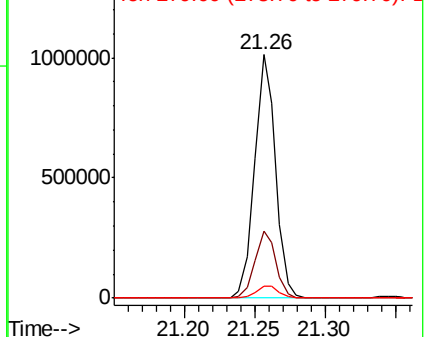


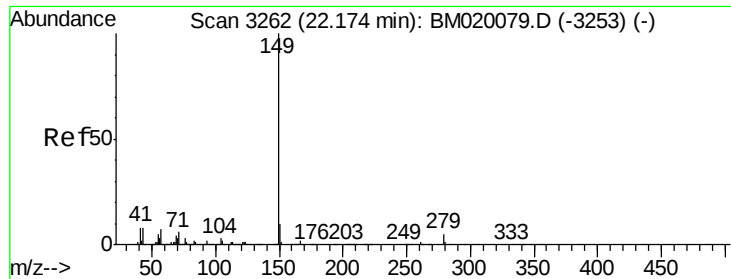
Abundance

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: 48.064 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

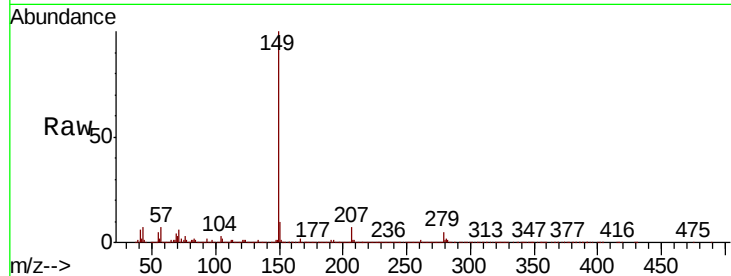
Tot Ion:149 Resp: 1791093

Ion Ratio Lower Upper

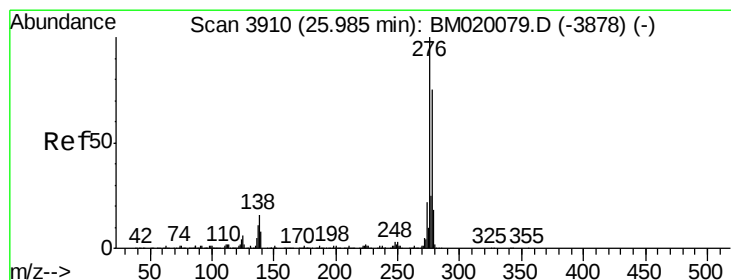
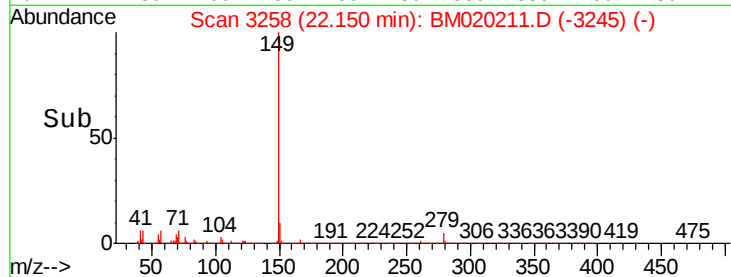
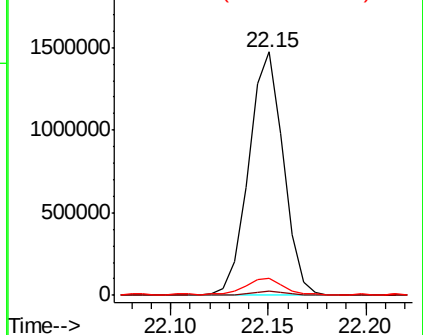
149 100

167 1.6 1.3 1.9

43 6.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.060 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

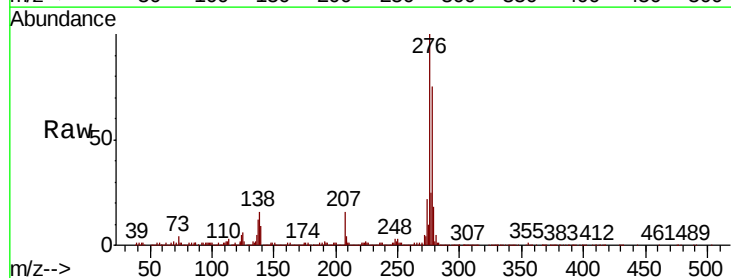
Tgt Ion:276 Resp: 2253055

Ion Ratio Lower Upper

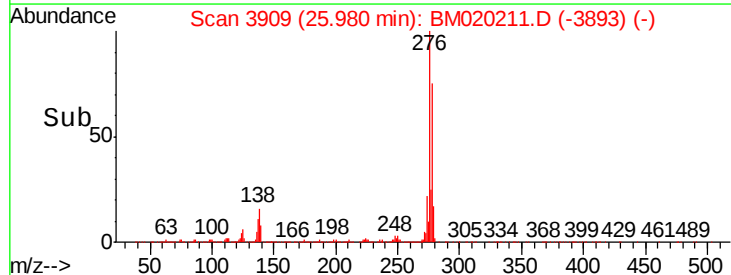
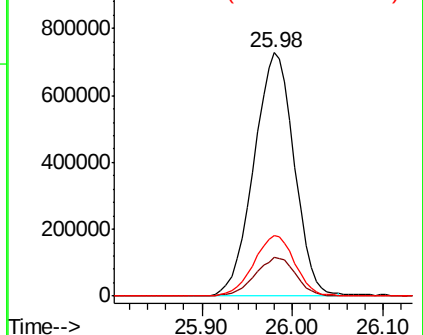
276 100

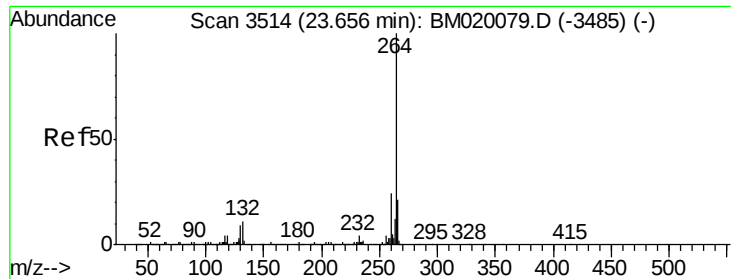
138 15.9 0.0 0.0#

277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
1000000
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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampled :

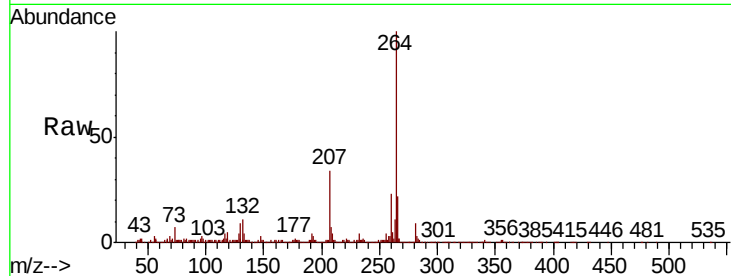
Tot Ion:264 Resp: 682724

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.8 16.9 25.3

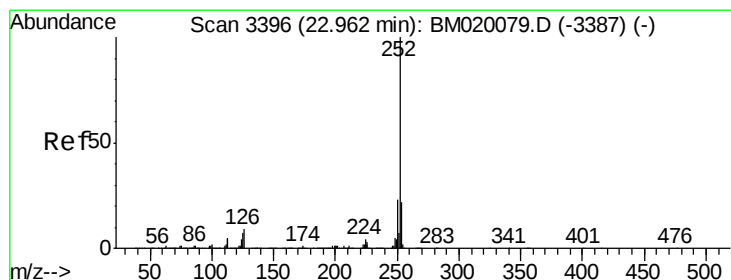
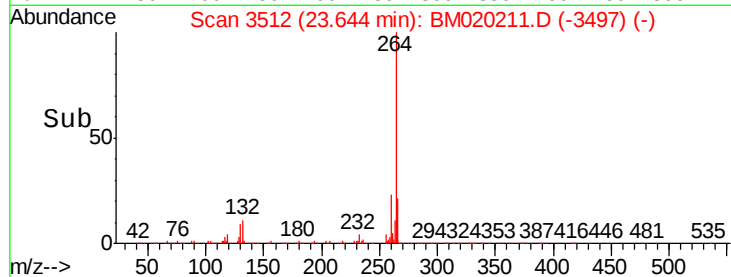
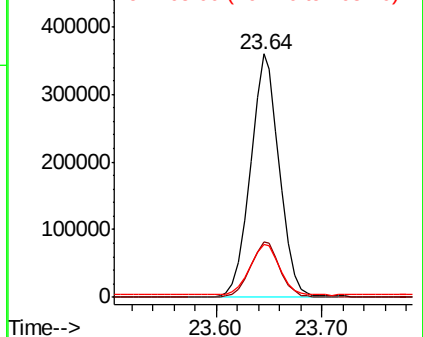


Abundance

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: 41.370 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

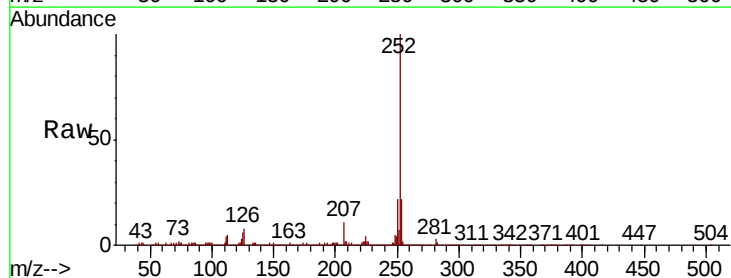
Tgt Ion:252 Resp: 1865093

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 6.1 5.4 8.2

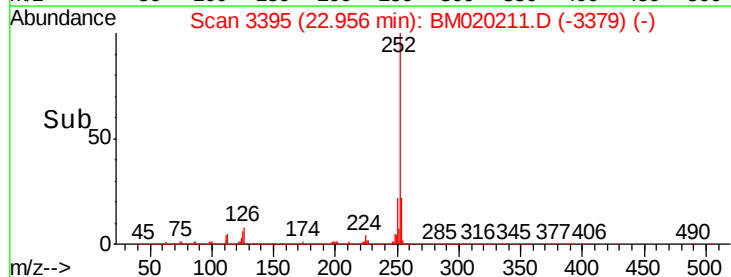
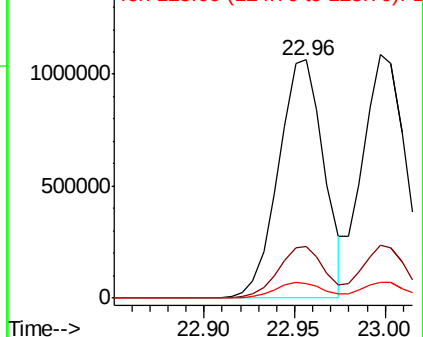


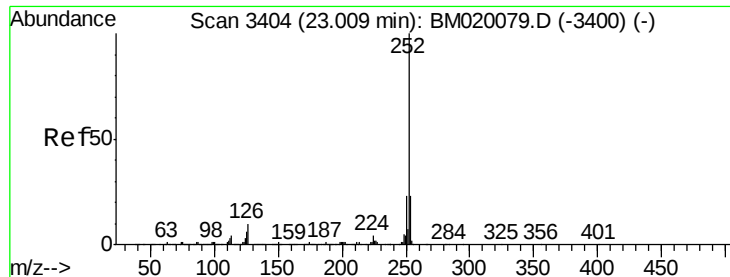
Abundance

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

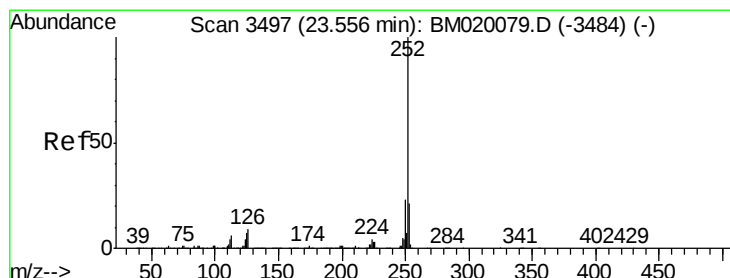
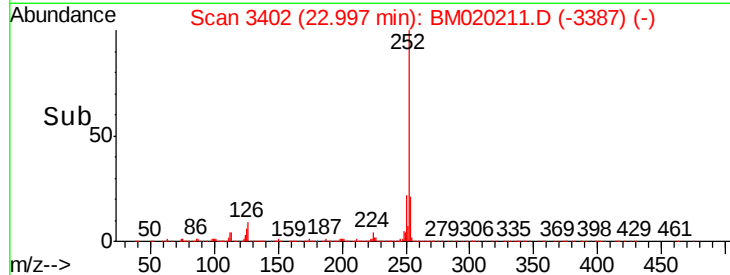
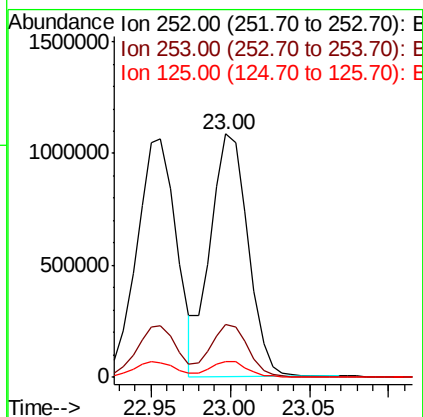
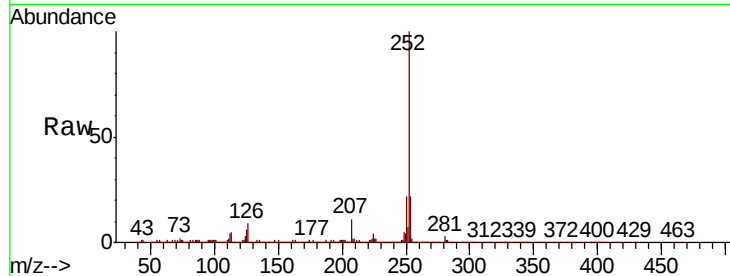




#89
Benzo(k)fluoranthene
Concen: 43.751 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

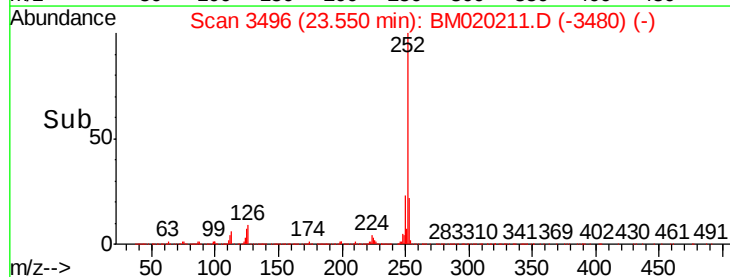
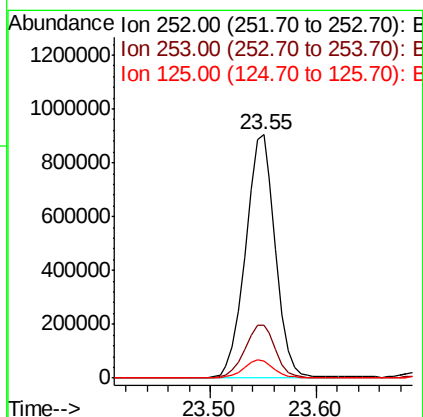
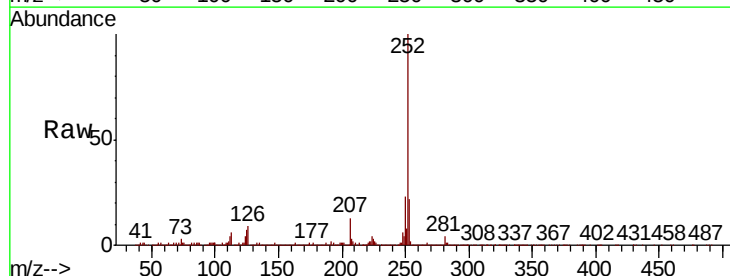
Instrument :
BNA_G
ClientSampleId :

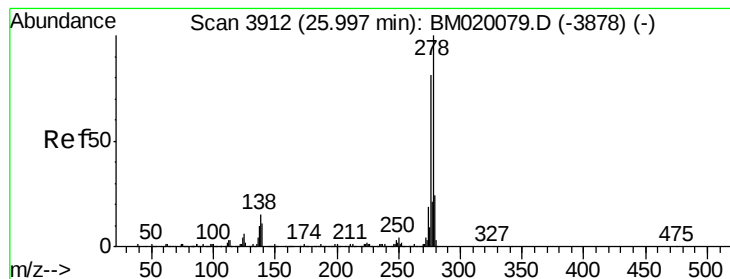
Tot Ion:252 Resp: 1799249
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 6.5 5.4 8.0



#90
Benzo(a)pyrene
Concen: 43.115 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020211.D
Acq: 09 May 2019 11:27

Tgt Ion:252 Resp: 1765564
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 6.8 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 44.474 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

Instrument :

BNA_G

ClientSampleId :

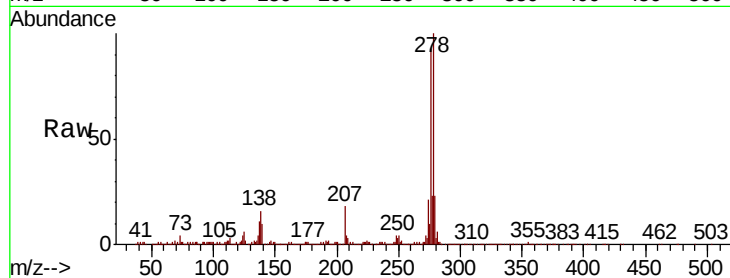
Tot Ion:278 Resp: 1893982

Ion Ratio Lower Upper

278 100

139 10.3 8.6 13.0

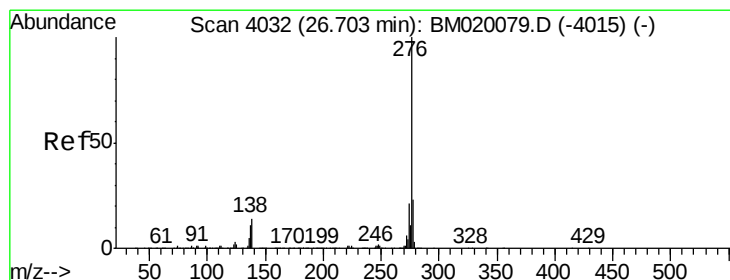
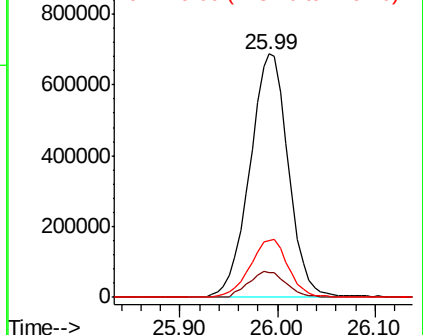
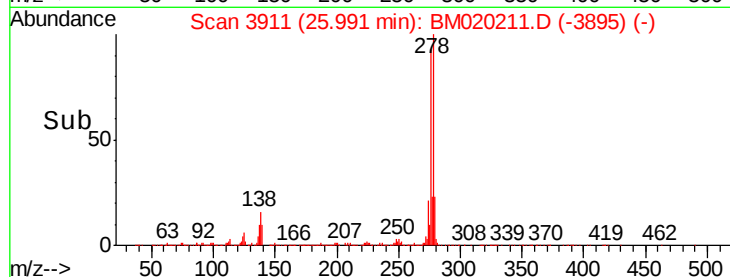
279 23.2 18.8 28.2



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: 44.827 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020211.D

Acq: 09 May 2019 11:27

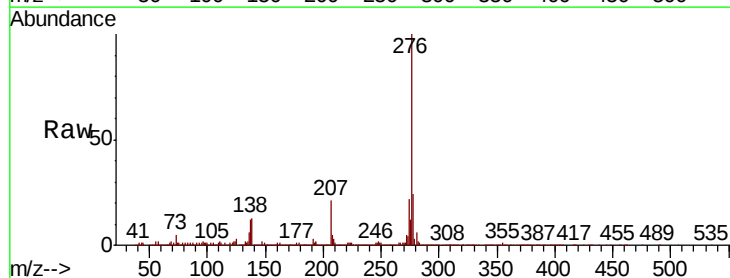
Tgt Ion:276 Resp: 1812433

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 13.5 11.1 16.7



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

