

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045777.D
 Acq On : 16 Jun 2020 18:01
 Operator : CG/JU
 Sample : L2808-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

Quant Time: Jun 17 02:24:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	57043	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	219579	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	165142	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	397830	20.00	ng	0.00
76) Chrysene-d12	21.57	240	375407	20.00	ng	0.00
86) Perylene-d12	24.70	264	412887	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	354867	105.09	ng	0.00
7) Phenol-d6	7.17	99	435603	84.81	ng	0.00
23) Nitrobenzene-d5	9.09	82	385064	80.11	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	299468	120.11	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	883672	78.64	ng	0.00
79) Terphenyl-d14	19.94	244	1532707	82.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	52754	34.109	ng	# 41
3) Pyridine	3.78	79	141500	30.874	ng	98
4) n-Nitrosodimethylamine	3.68	42	65829	42.791	ng	95
6) Aniline	7.25	93	109437	18.095	ng	99
8) 2-Chlorophenol	7.51	128	156350	43.256	ng	95
9) Benzaldehyde	7.05	77	84583	27.416	ng	97
10) Phenol	7.19	94	166315	33.417	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	148562	39.299	ng	97
12) 1,3-Dichlorobenzene	7.81	146	177392	41.182	ng	97
13) 1,4-Dichlorobenzene	7.95	146	178977	41.598	ng	97
14) 1,2-Dichlorobenzene	8.28	146	164656	39.975	ng	96
15) Benzyl Alcohol	8.18	79	159736	40.186	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	138853	38.973	ng	90
17) 2-Methylphenol	8.42	107	136514	36.857	ng	96
18) Hexachloroethane	9.00	117	68173	41.719	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	139453	41.296	ng	# 95
20) 3+4-Methylphenols	8.76	107	176045	36.141	ng	90
22) Acetophenone	8.75	105	253796	42.111	ng	# 99
24) Nitrobenzene	9.13	77	213782	41.714	ng	98
25) Isophorone	9.65	82	380741	40.918	ng	99
26) 2-Nitrophenol	9.84	139	90363	42.322	ng	94
27) 2,4-Dimethylphenol	9.94	122	142536	43.726	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	206646	42.515	ng	98
29) 2,4-Dichlorophenol	10.41	162	168980	44.431	ng	94
30) 1,2,4-Trichlorobenzene	10.59	180	184914	41.070	ng	99
31) Naphthalene	10.78	128	497253	41.422	ng	98
32) Benzoic acid	10.14	122	76105	38.244	ng	94
33) 4-Chloroaniline	10.91	127	24385	4.851	ng	# 94
34) Hexachlorobutadiene	11.07	225	130290	40.690	ng	95
35) Caprolactam	11.68	113	20344	16.530	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	192019	43.728	ng	97
37) 2-Methylnaphthalene	12.39	142	382062	42.740	ng	99
38) 1-Methylnaphthalene	12.60	142	366537	43.329	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	217436	39.987	ng	98

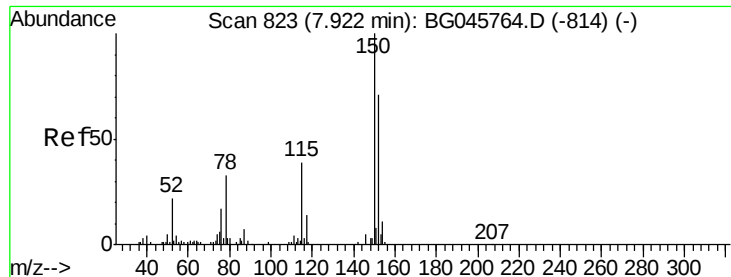
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	215026	72.474	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	154078	41.792	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	164925	39.250	ng	98
46) 1,1'-Biphenyl	13.40	154	486856	41.178	ng	99
47) 2-Chloronaphthalene	13.44	162	384999	40.311	ng	97
48) 2-Nitroaniline	13.66	65	127848	40.243	ng	98
49) Acenaphthylene	14.29	152	624344	40.813	ng	98
50) Dimethylphthalate	14.03	163	644934	49.851	ng	100
51) 2,6-Dinitrotoluene	14.15	165	119863	41.251	ng	93
52) Acenaphthene	14.63	154	382334	41.232	ng	96
53) 3-Nitroaniline	14.50	138	43055	14.834	ng	99
54) 2,4-Dinitrophenol	14.70	184	140144	85.889	ng	93
55) Dibenzofuran	14.97	168	623400	41.385	ng	99
56) 4-Nitrophenol	14.88	139	132416	64.490	ng	97
57) 2,4-Dinitrotoluene	14.94	165	171825	41.272	ng	99
58) Fluorene	15.62	166	526867	42.063	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	163290	44.774	ng	97
60) Diethylphthalate	15.40	149	552468	41.774	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	293833	40.701	ng	99
62) 4-Nitroaniline	15.67	138	101000	33.907	ng	91
63) Azobenzene	15.91	77	539644	42.496	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	113801	46.287	ng	95
66) n-Nitrosodiphenylamine	15.83	169	467150	41.457	ng	100
67) 4-Bromophenyl-phenylether	16.51	248	207762	40.192	ng	97
68) Hexachlorobenzene	16.63	284	222207	41.454	ng	93
69) Atrazine	16.79	200	179581	41.070	ng	98
70) Pentachlorophenol	16.99	266	237215	88.805	ng	97
71) Phenanthrene	17.36	178	855998	41.720	ng	98
72) Anthracene	17.45	178	863282	42.253	ng	99
73) Carbazole	17.73	167	791490	40.685	ng	98
74) Di-n-butylphthalate	18.29	149	934483	40.568	ng	100
75) Fluoranthene	19.37	202	1052707	41.725	ng	100
77) Benzidine	19.56	184	234236	24.001	ng	98
78) Pyrene	19.74	202	1031407	41.029	ng	99
80) Butylbenzylphthalate	20.62	149	426772	40.559	ng	96
81) Benzo(a)anthracene	21.56	228	1000692	41.115	ng	100
82) 3,3'-Dichlorobenzidine	21.48	252	146737	15.939	ng	# 96
83) Chrysene	21.62	228	958483	40.715	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	681374	46.554	ng	97
85) Di-n-octyl phthalate	22.65	149	1015768	40.234	ng	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1282648	42.851	ng	# 98
88) Benzo(b)fluoranthene	23.72	252	1093494	42.240	ng	98
89) Benzo(k)fluoranthene	23.78	252	1047970	42.297	ng	97
90) Benzo(a)pyrene	24.56	252	991984	41.021	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	1048903	43.699	ng	99
92) Benzo(g,h,i)perylene	29.36	276	1050035	43.706	ng	98

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

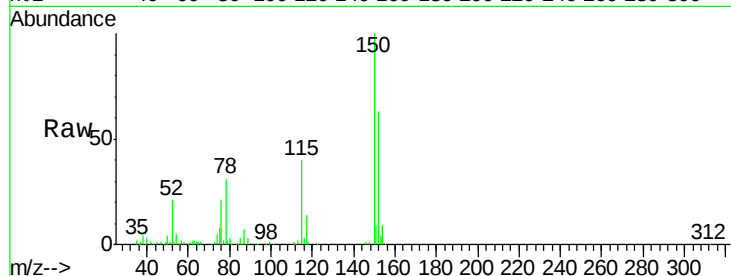


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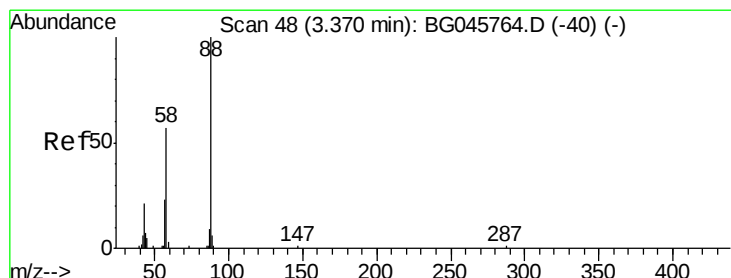
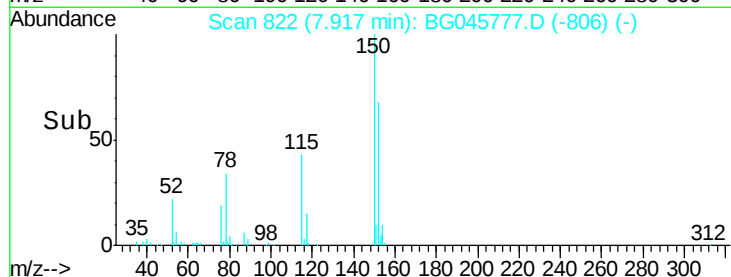
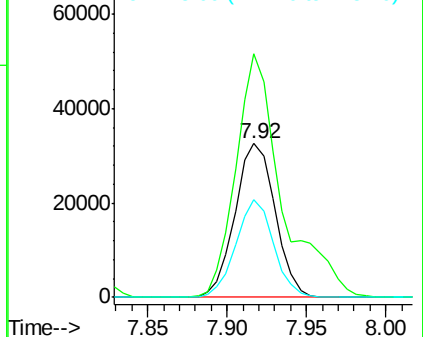
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

Tot Ion:152 Resp: 57043
 Ion Ratio Lower Upper
 152 100
 150 158.3 113.1 169.7
 115 63.2 43.8 65.6



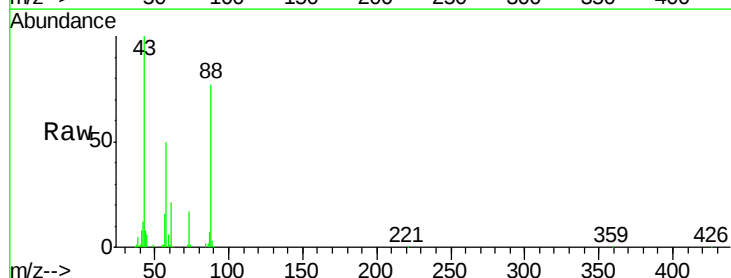
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



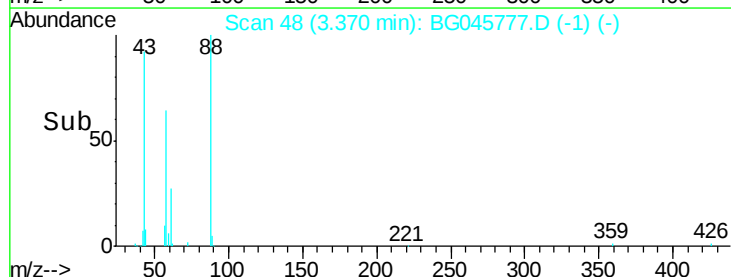
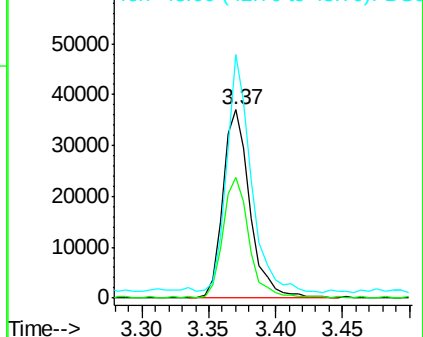
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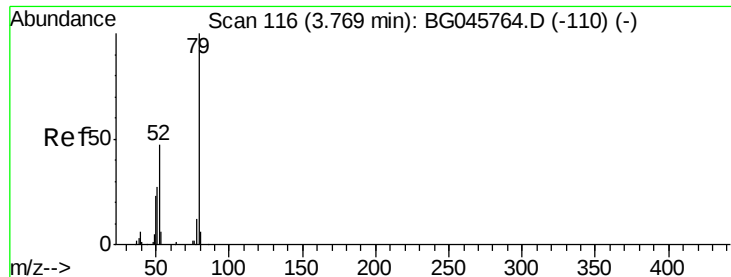
1,4-Dioxane
 Concen: 34.109 ng
 RT: 3.37 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion: 88 Resp: 52754
 Ion Ratio Lower Upper
 88 100
 58 62.7 46.1 69.1
 43 114.8 19.2 28.8#



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





#3

Pvridine

Concen: 30.874 ng

RT: 3.78 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

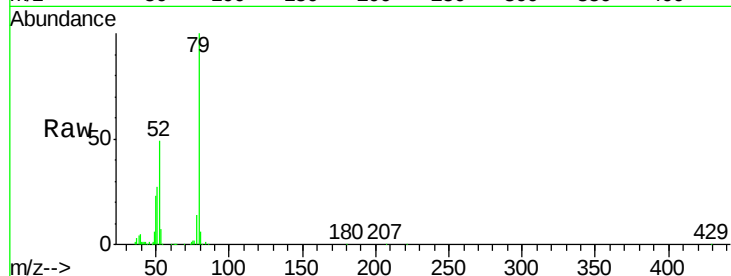
Tot Ion: 79 Resp: 141500

Ion Ratio Lower Upper

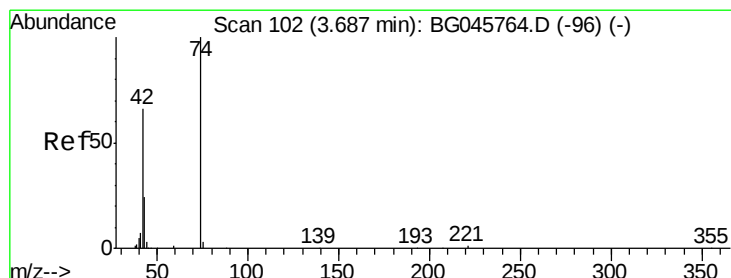
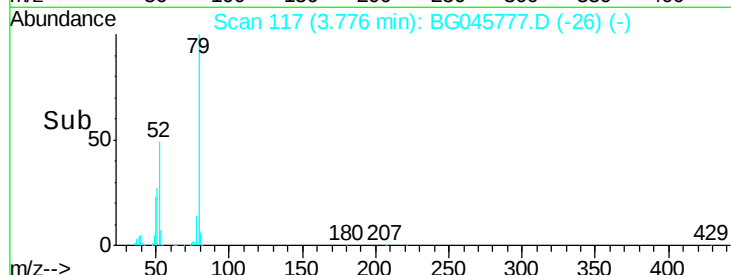
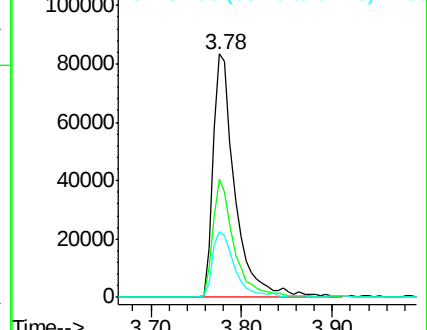
79 100

52 48.6 37.9 56.9

51 26.9 22.0 33.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.791 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

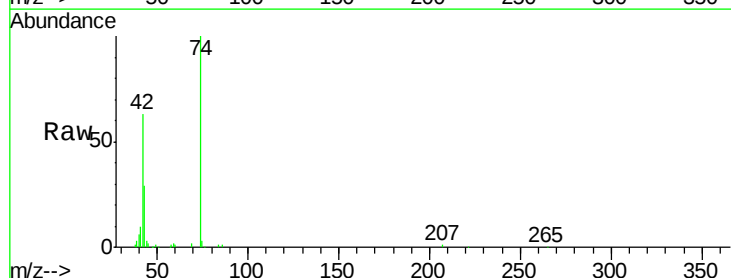
Tgt Ion: 42 Resp: 65829

Ion Ratio Lower Upper

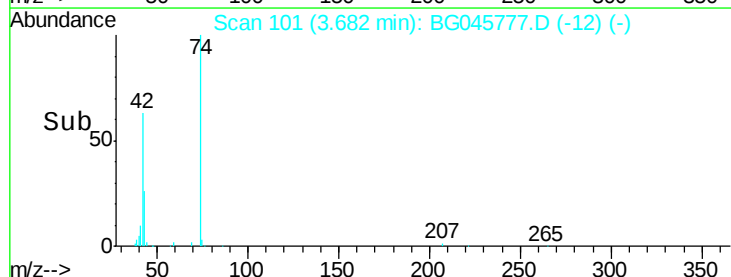
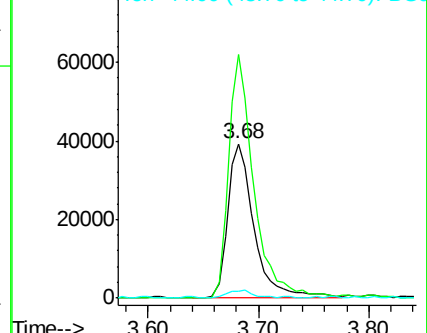
42 100

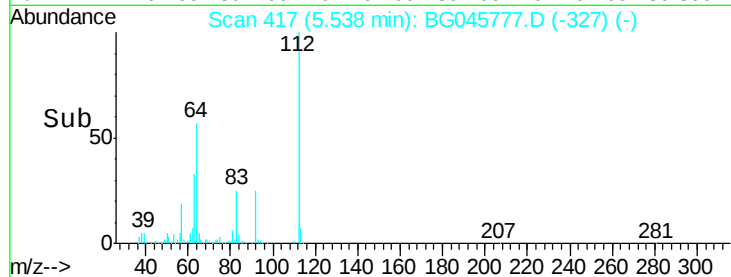
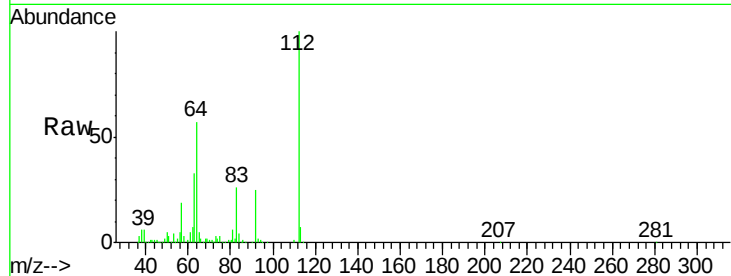
74 157.6 121.0 181.4

44 4.5 3.5 5.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 105.088 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

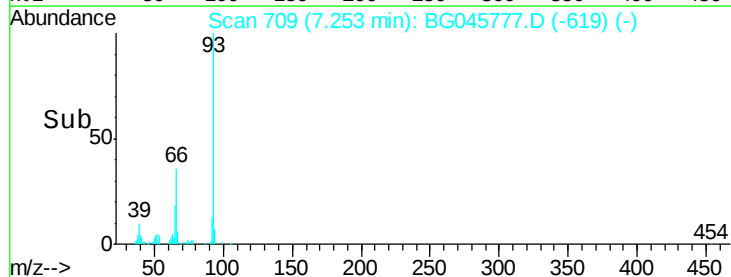
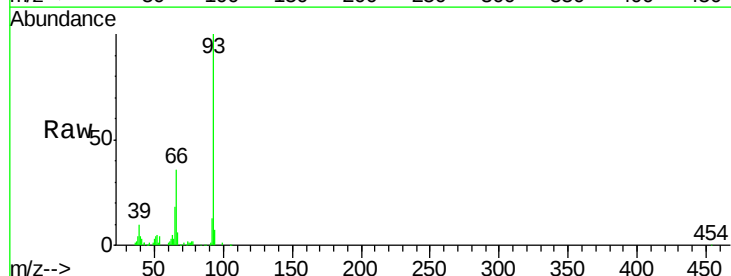
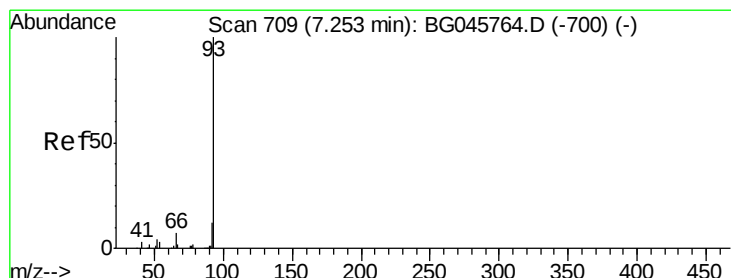
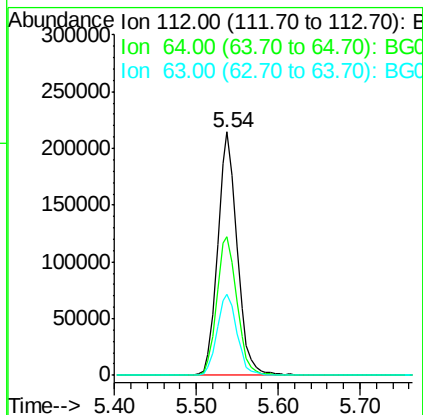
Tot Ion:112 Resp: 354867

Ion Ratio Lower Upper

112 100

64 57.0 46.6 69.8

63 33.4 26.3 39.5



#6

Aniline

Concen: 18.095 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

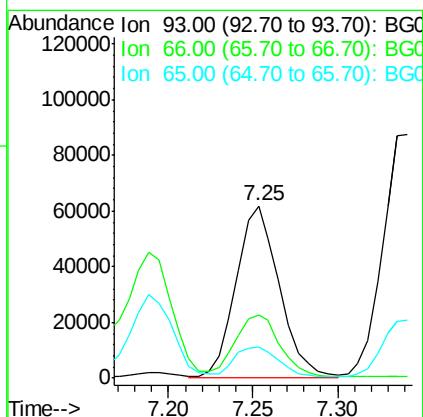
Tgt Ion: 93 Resp: 109437

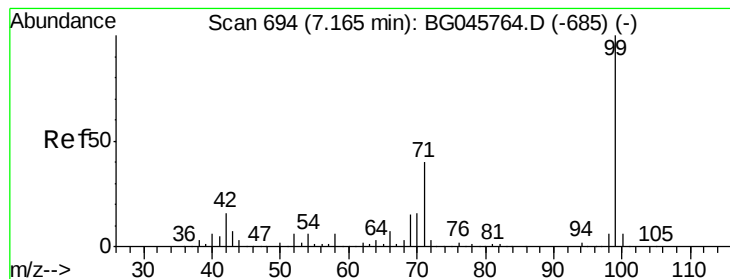
Ion Ratio Lower Upper

93 100

66 36.4 30.0 45.0

65 18.4 14.7 22.1





#7

Phenol-d6

Concen: 84.806 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

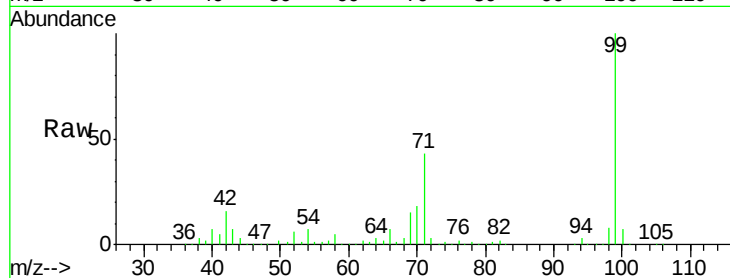
Tot Ion: 99 Resp: 435603

Ion Ratio Lower Upper

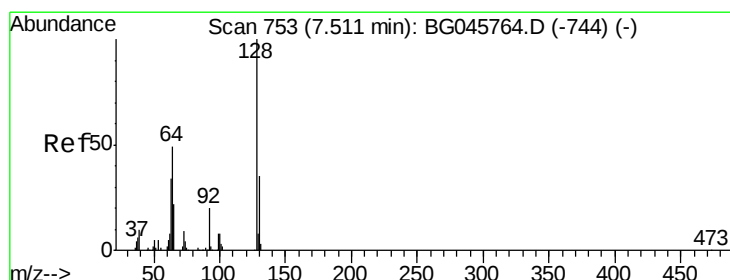
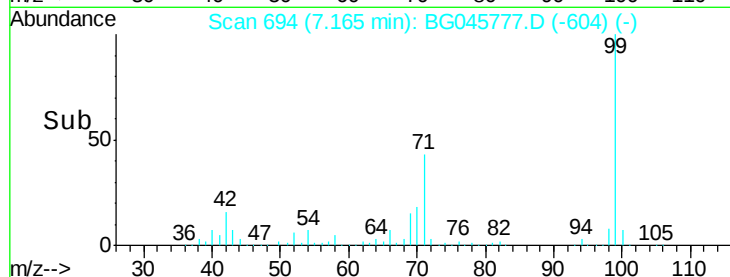
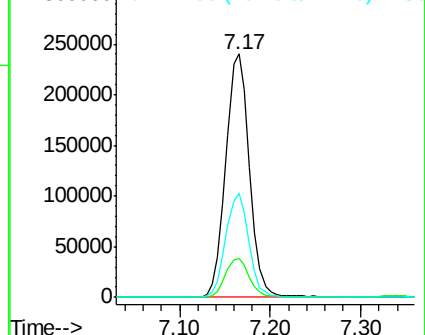
99 100

42 16.0 12.4 18.6

71 42.8 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.256 ng

RT: 7.51 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

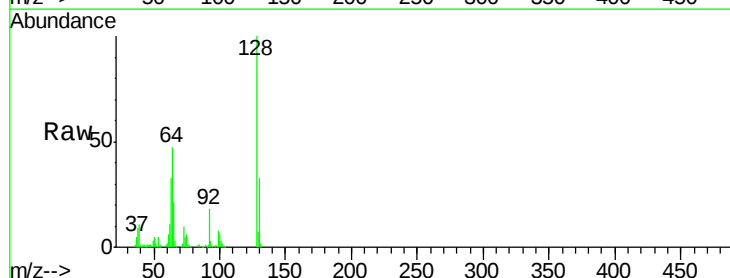
Tgt Ion: 128 Resp: 156350

Ion Ratio Lower Upper

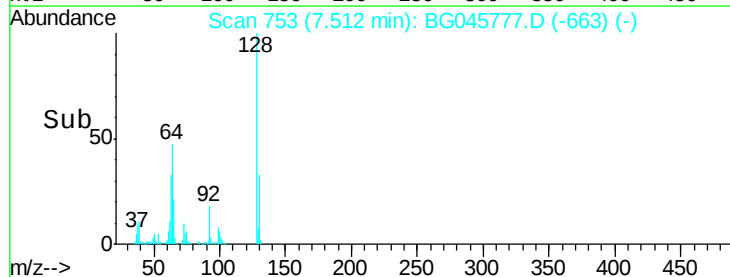
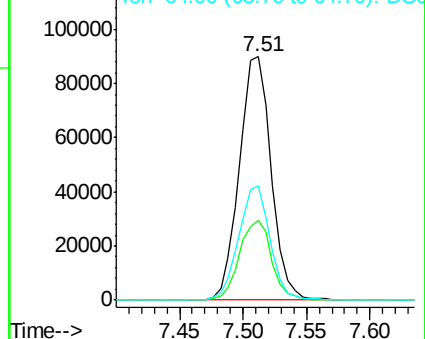
128 100

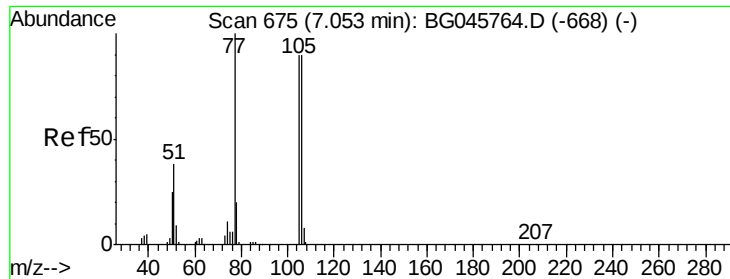
130 32.5 14.5 54.5

64 47.0 31.6 71.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.416 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

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ClientSampleId :

HR-06-061120MS

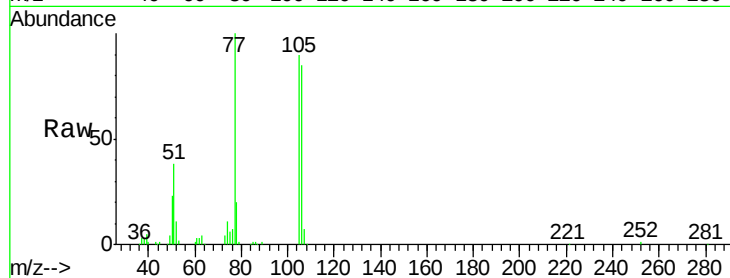
Tot Ion: 77 Resp: 84583

Ion Ratio Lower Upper

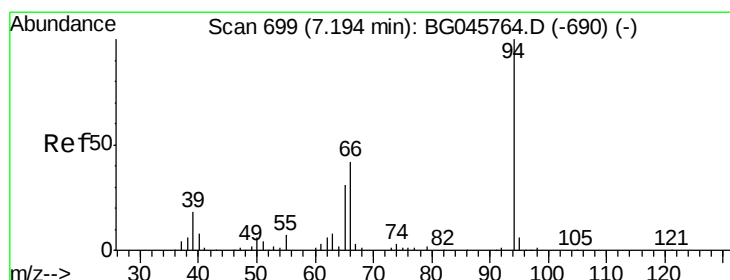
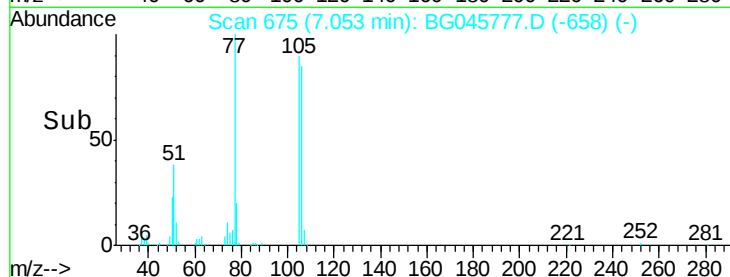
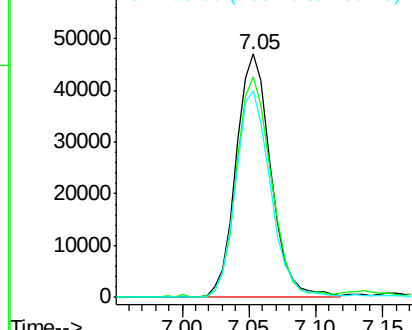
77 100

105 90.4 70.4 110.4

106 84.7 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 33.417 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

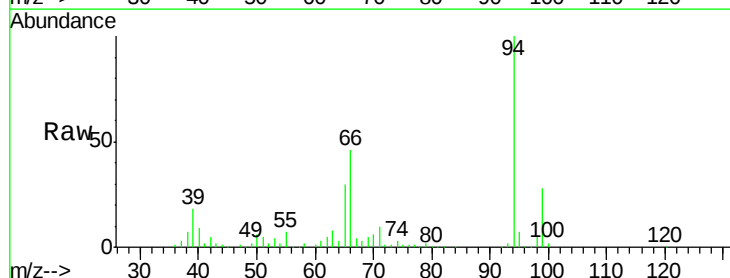
Tgt Ion: 94 Resp: 166315

Ion Ratio Lower Upper

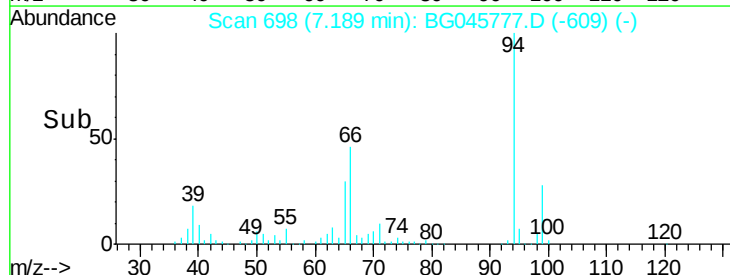
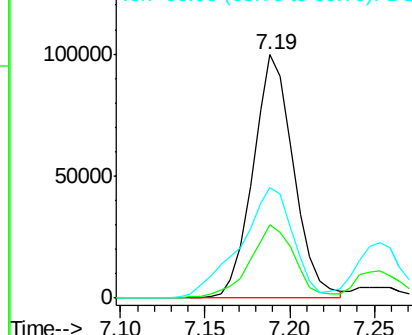
94 100

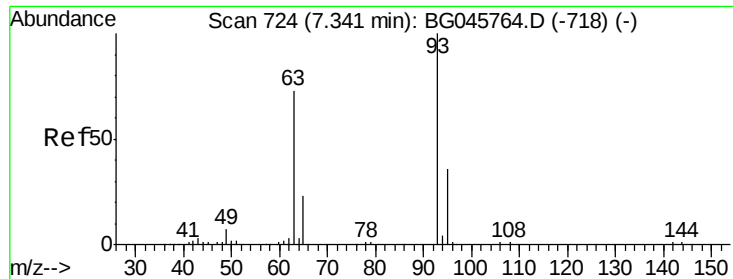
65 29.9 10.7 50.7

66 45.5 22.5 62.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

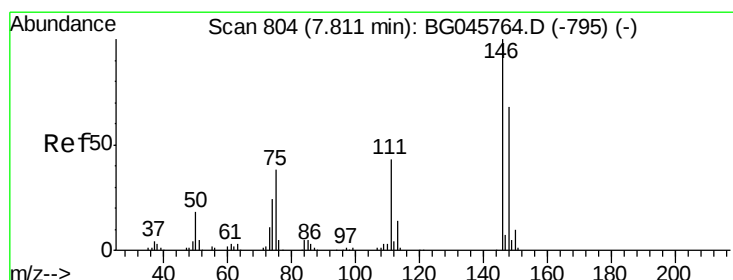
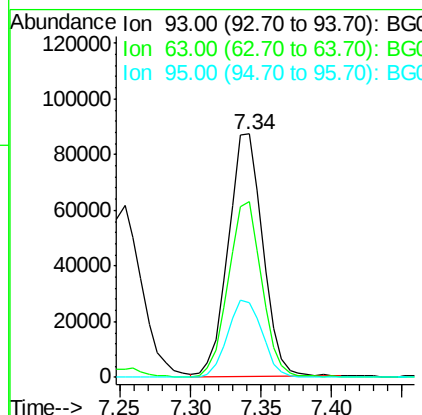
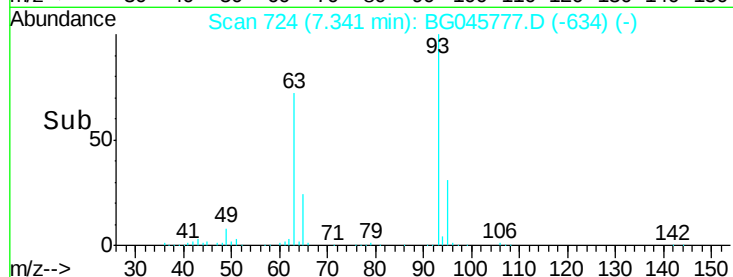
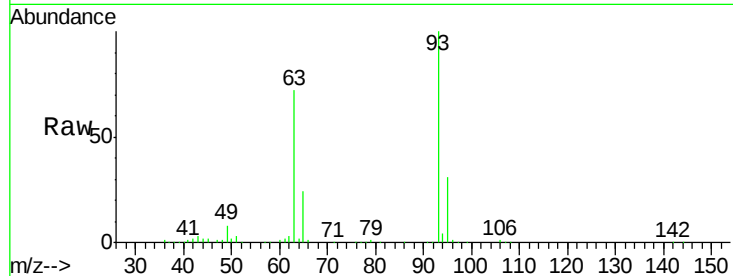




#11
bis(2-Chloroethyl)ether
Concen: 39.299 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

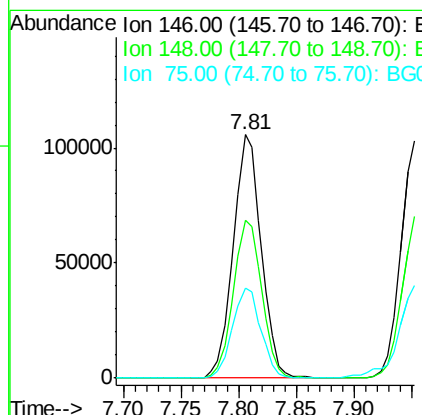
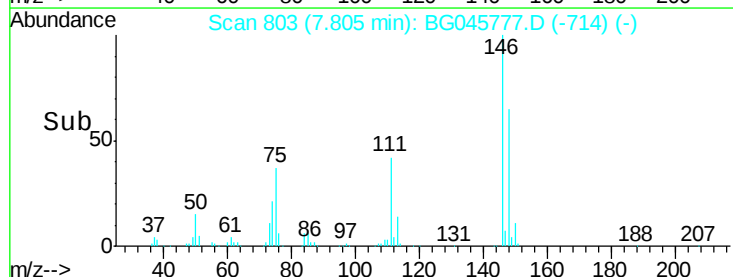
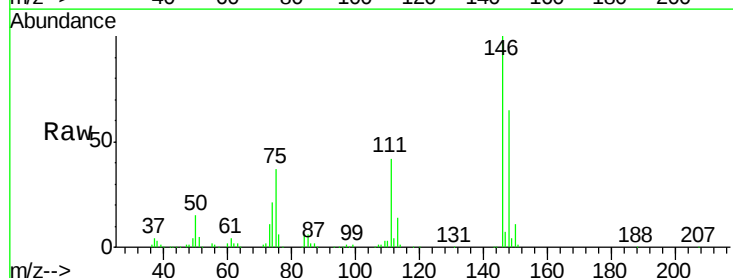
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

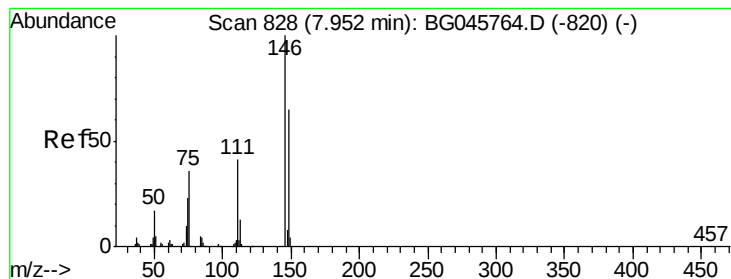
Tot Ion: 93 Resp: 148562
Ion Ratio Lower Upper
93 100
63 72.1 52.0 92.0
95 30.6 15.6 55.6



#12
1,3-Dichlorobenzene
Concen: 41.182 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion: 146 Resp: 177392
Ion Ratio Lower Upper
146 100
148 64.9 54.2 81.4
75 37.0 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 41.598 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

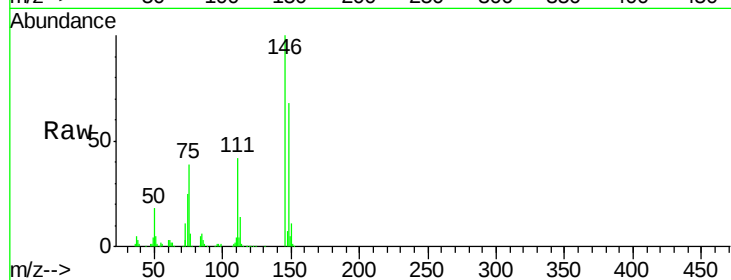
Tot Ion:146 Resp: 178977

Ion Ratio Lower Upper

146 100

148 67.9 51.8 77.6

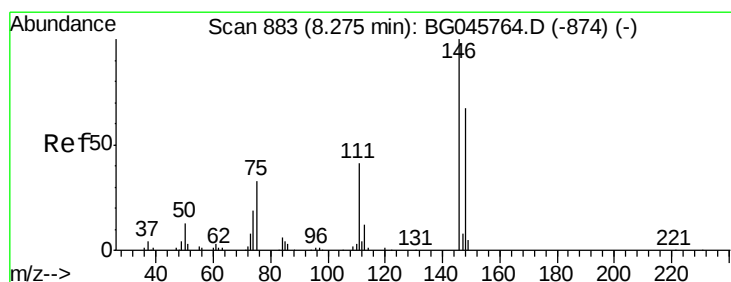
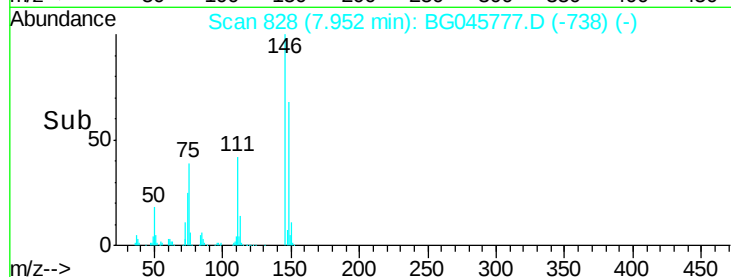
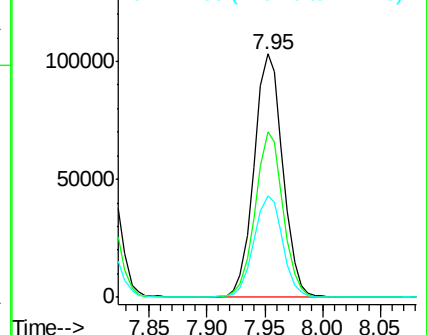
111 41.6 32.8 49.2



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: 39.975 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

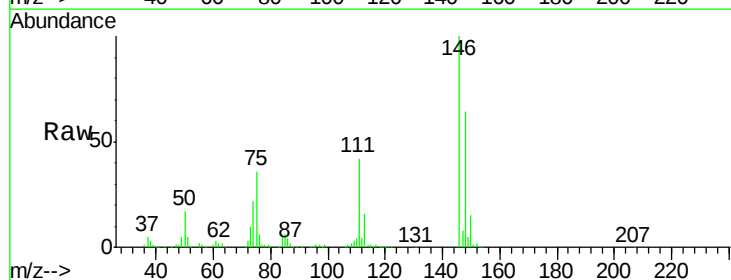
Tgt Ion:146 Resp: 164656

Ion Ratio Lower Upper

146 100

148 64.0 54.1 81.1

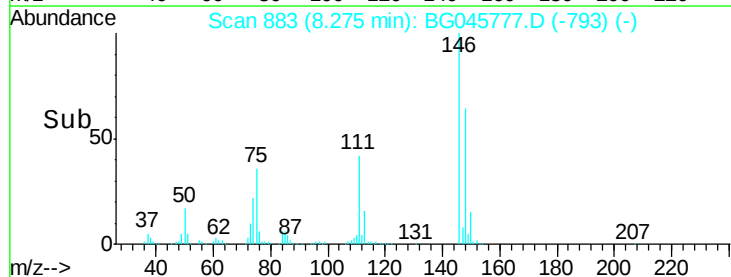
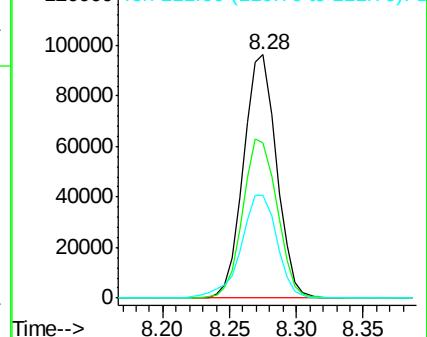
111 42.4 32.9 49.3

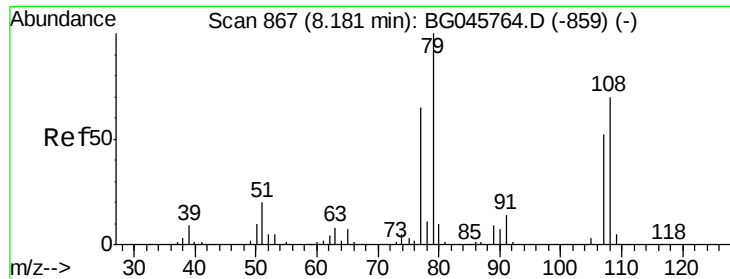


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.186 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

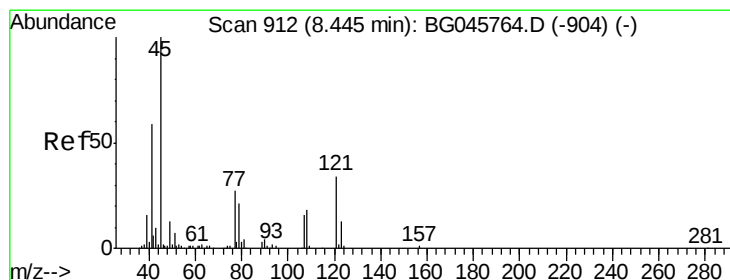
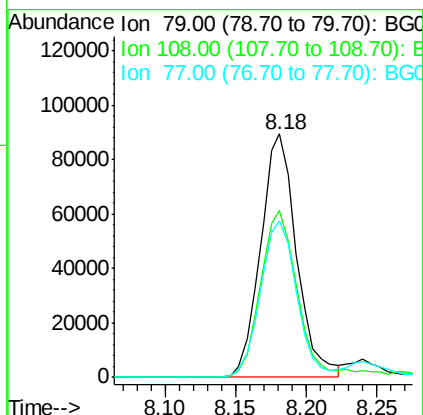
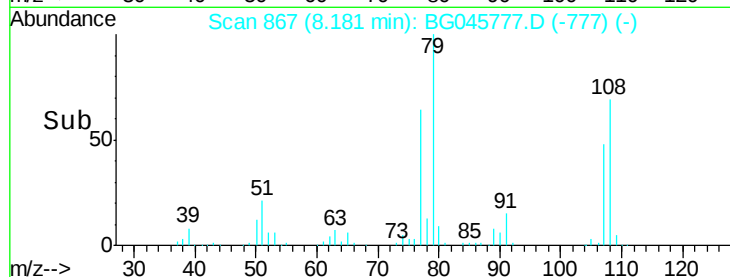
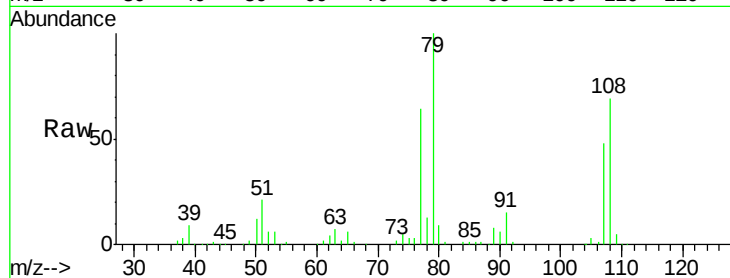
Tot Ion: 79 Resp: 159736

Ion Ratio Lower Upper

79 100

108 68.8 56.2 84.4

77 64.1 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.973 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

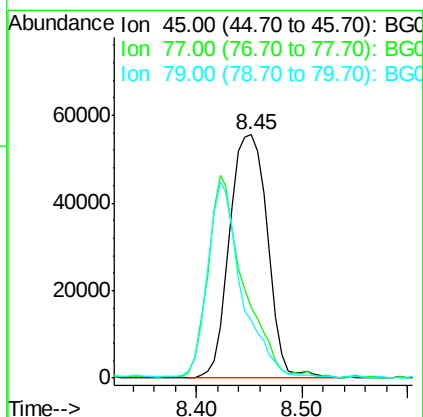
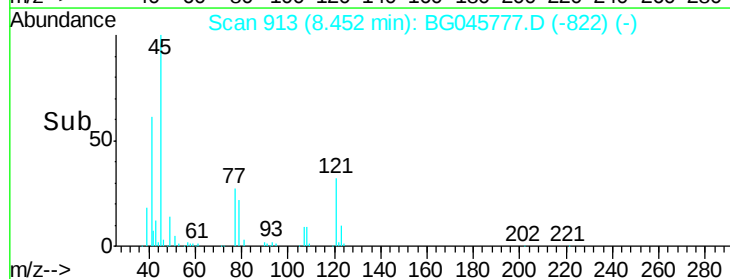
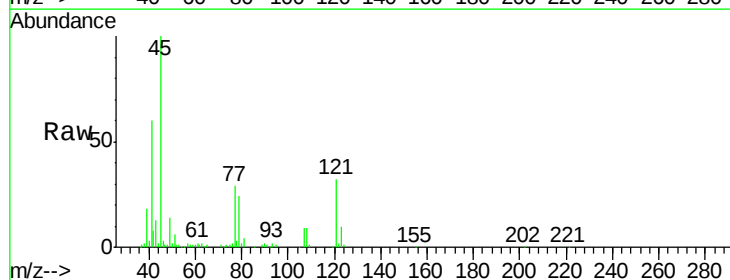
Tgt Ion: 45 Resp: 138853

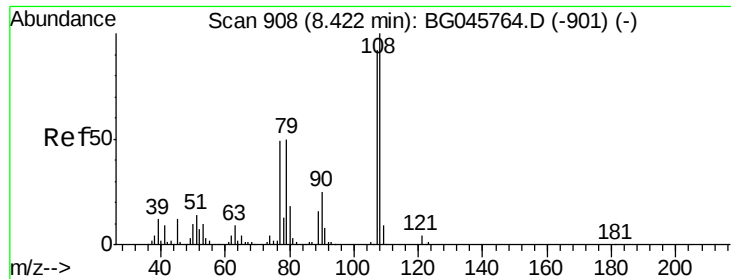
Ion Ratio Lower Upper

45 100

77 29.3 14.9 54.9

79 24.0 9.2 49.2

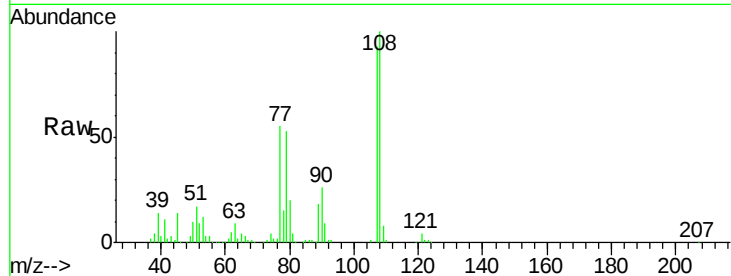




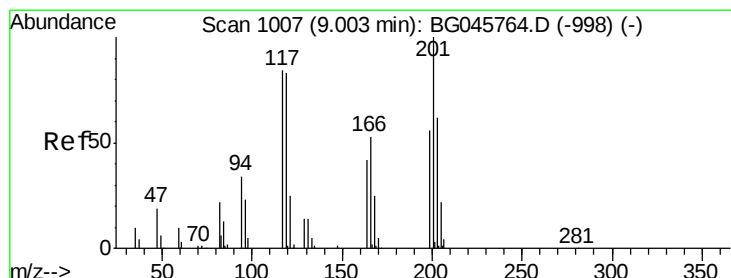
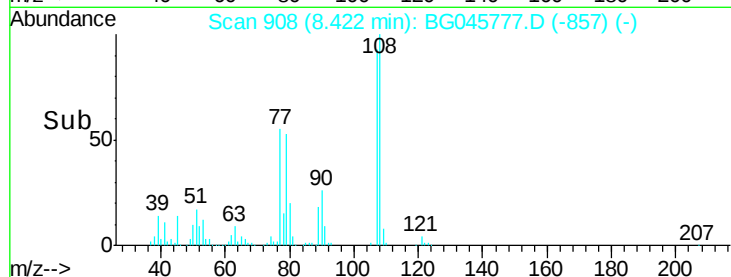
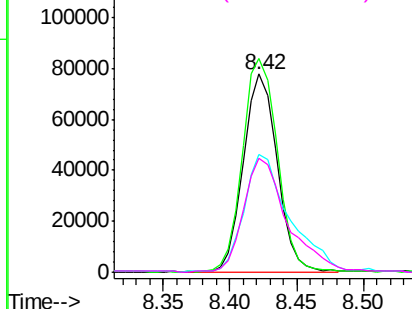
#17
2-Methylphenol
Concen: 36.857 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

Tot Ion:107 Resp: 136514
Ion Ratio Lower Upper
107 100
108 108.0 87.4 131.0
77 59.7 42.5 63.7
79 57.7 44.0 66.0

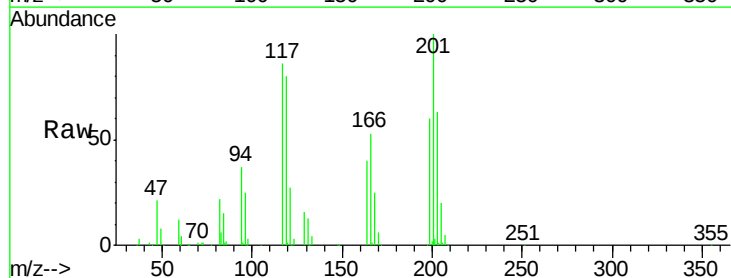


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

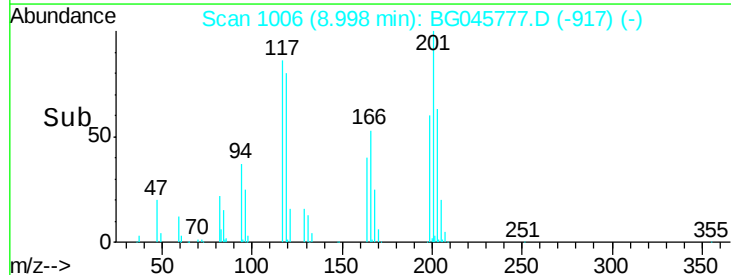
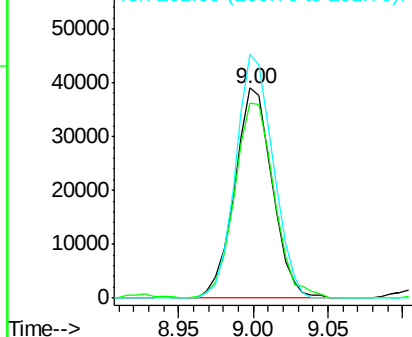


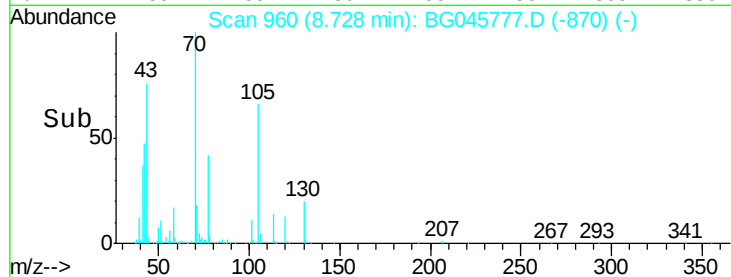
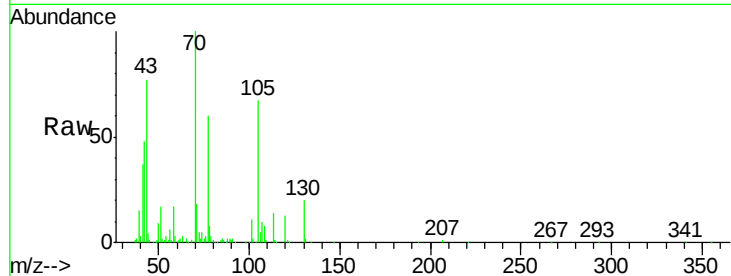
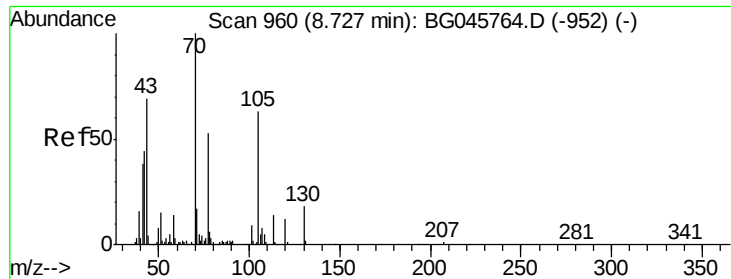
#18
Hexachloroethane
Concen: 41.719 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:117 Resp: 68173
Ion Ratio Lower Upper
117 100
119 92.9 78.9 118.3
201 116.1 95.5 143.3



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

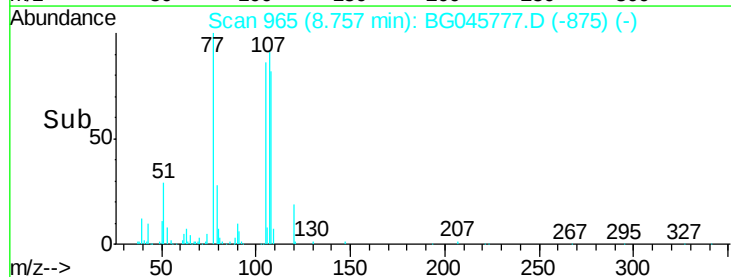
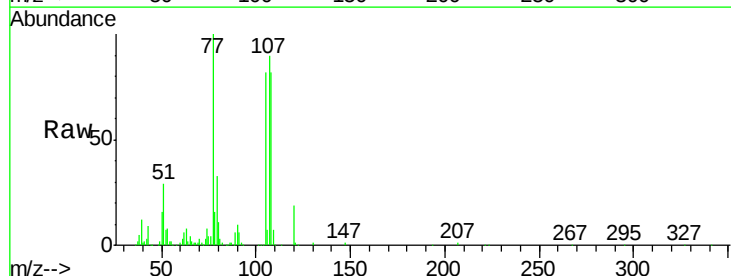
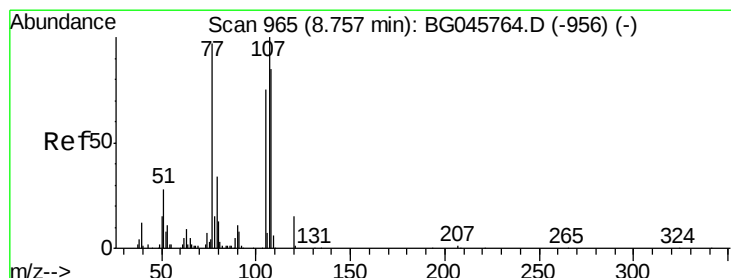
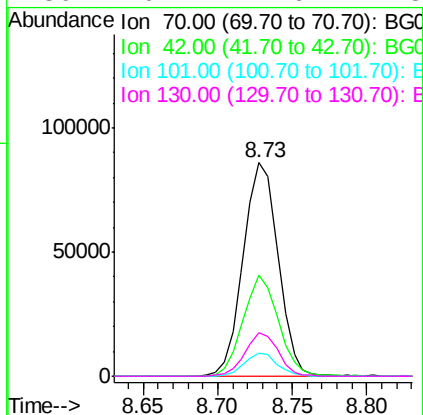




#19
n-Nitroso-di-n-propylamine
Concen: 41.296 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

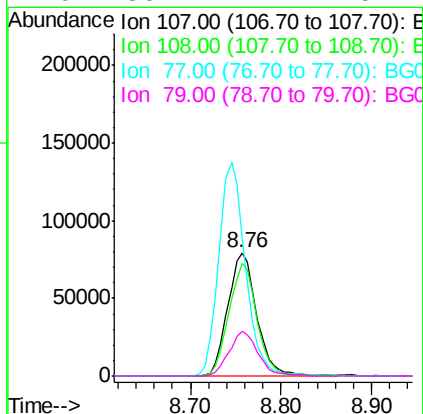
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

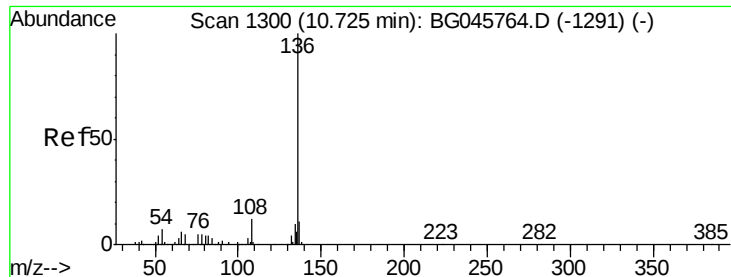
Tot Ion:	70	Resp:	139453
Ion	Ratio	Lower	Upper
70	100		
42	47.6	35.1	52.7
101	11.1	7.4	11.0#
130	20.1	14.6	21.8



#20
3+4-Methylphenols
Concen: 36.141 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:	107	Resp:	176045
Ion	Ratio	Lower	Upper
107	100		
108	92.0	65.4	105.4
77	111.6	77.2	117.2
79	36.4	14.2	54.2

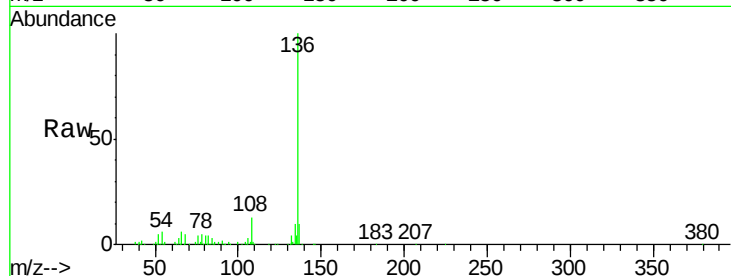




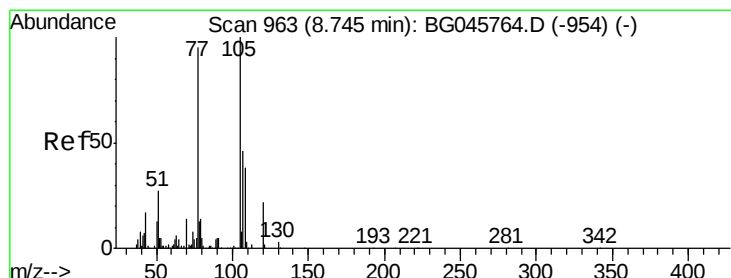
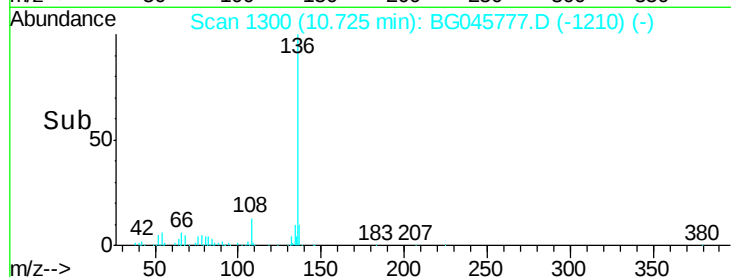
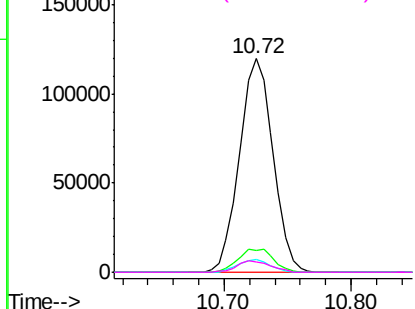
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

Tot Ion:136	Resp:	219579
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.7	13.1
54 5.9	5.8	8.6
68 4.8	4.0	6.0

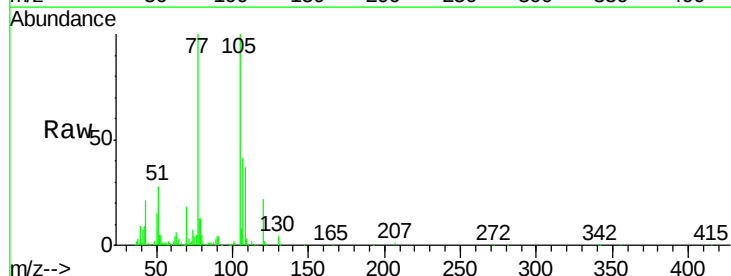


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

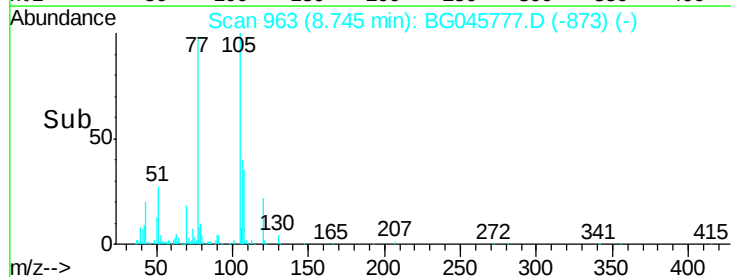
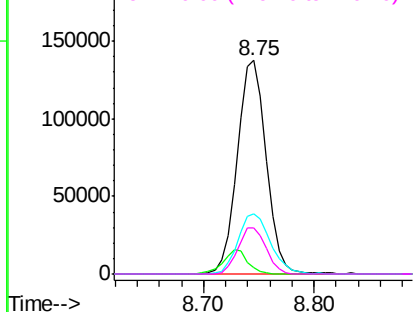


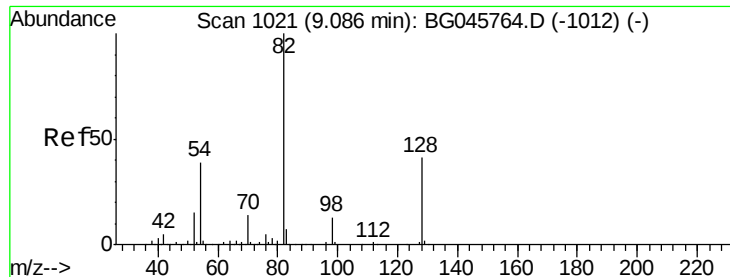
#22
Acetophenone
Concen: 42.111 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt	Ion:105	Resp:	253796
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.8	2.8#
51	28.2	21.9	32.9
120	21.8	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

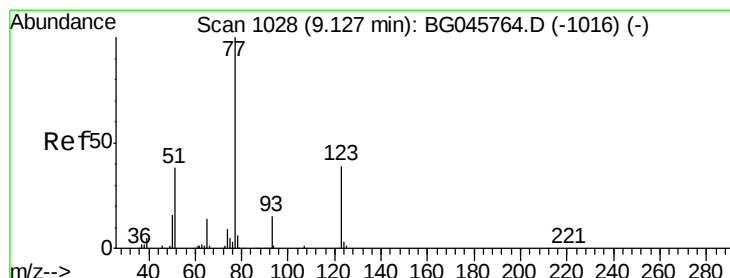
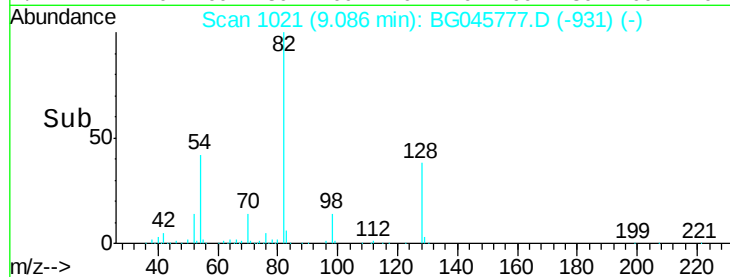
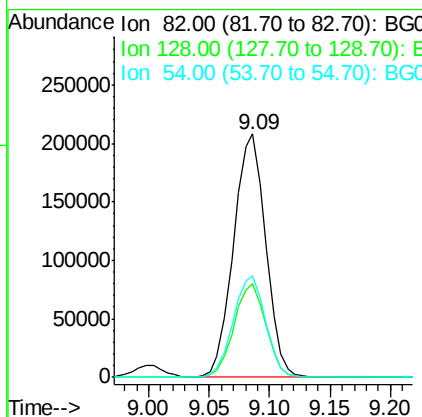
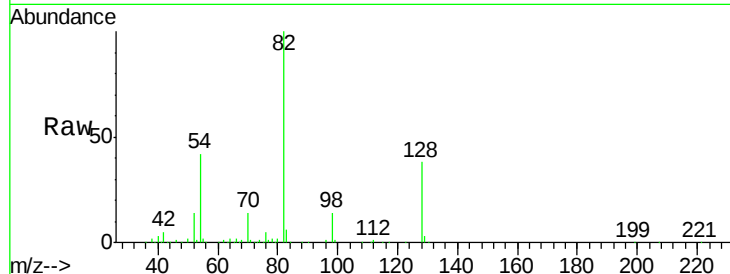




#23
 Nitrobenzene-d5
 Concen: 80.113 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

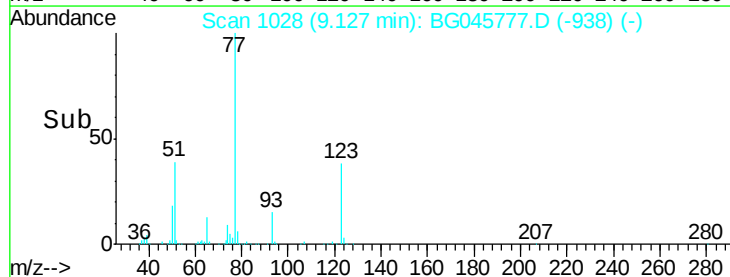
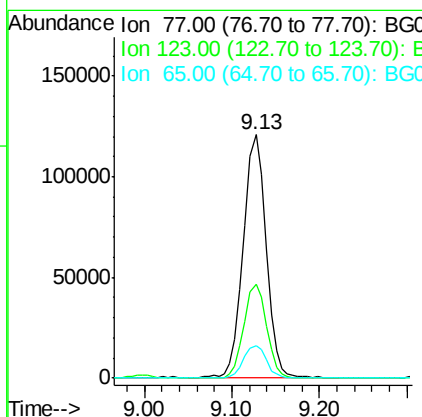
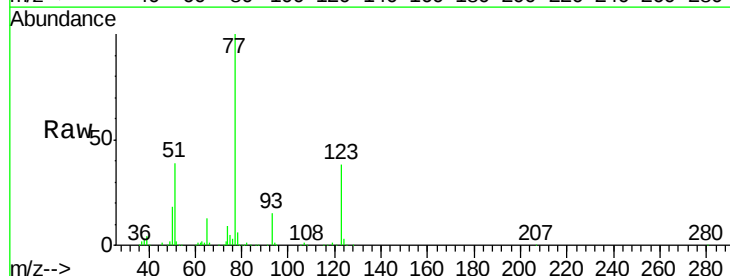
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

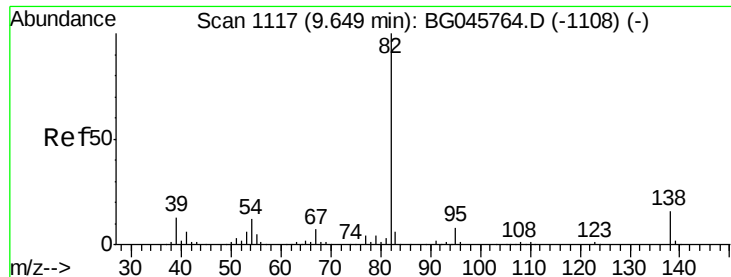
Tot Ion	82	Resp	385064
Ion Ratio	Lower	Upper	
82	100		
128	38.5	32.5	48.7
54	41.8	31.2	46.8



#24
 Nitrobenzene
 Concen: 41.714 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion	77	Resp	213782
Ion Ratio	Lower	Upper	
77	100		
123	38.3	31.2	46.8
65	13.1	11.4	17.2





#25

Isophorone

Concen: 40.918 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

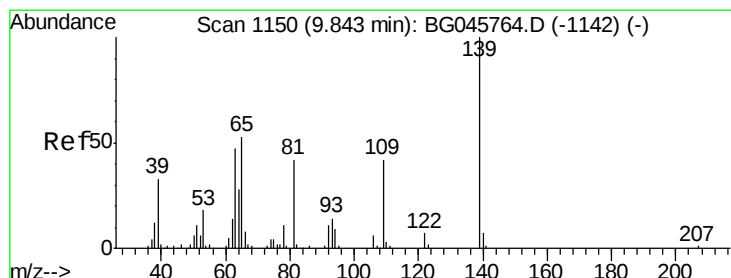
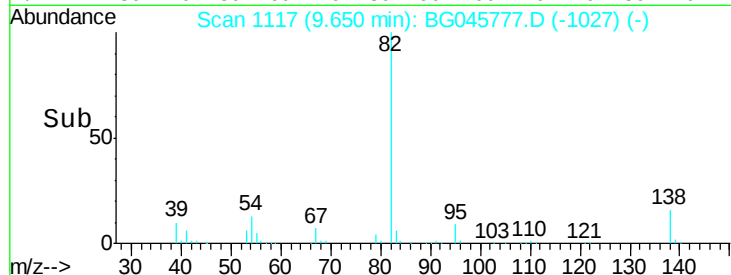
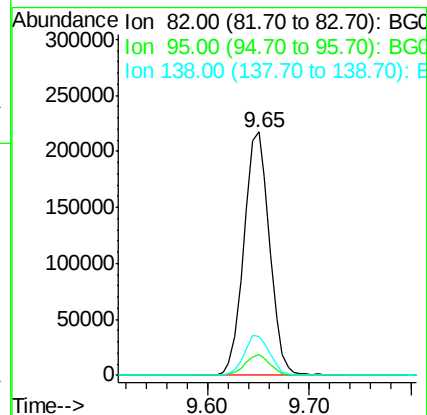
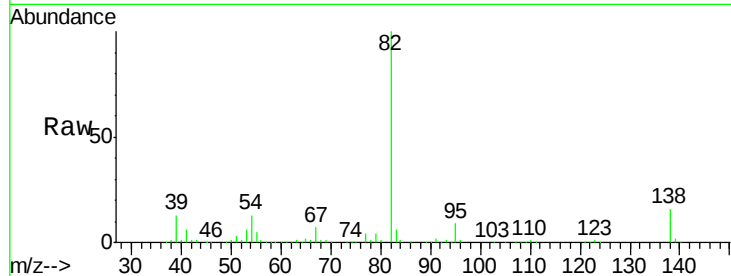
Tot Ion: 82 Resp: 380741

Ion Ratio Lower Upper

82 100

95 8.5 6.2 9.4

138 16.0 12.6 18.8



#26

2-Nitrophenol

Concen: 42.322 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

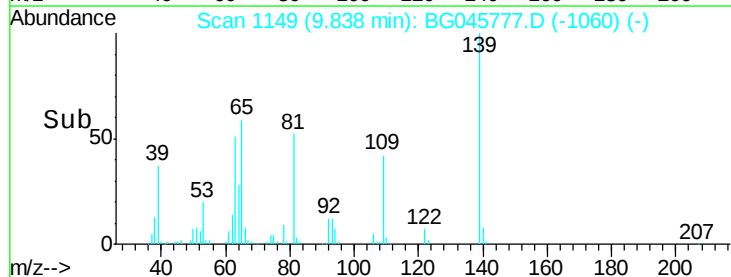
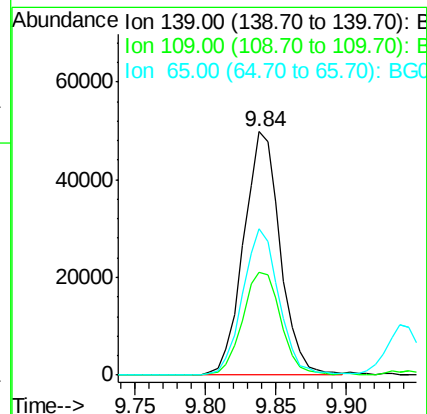
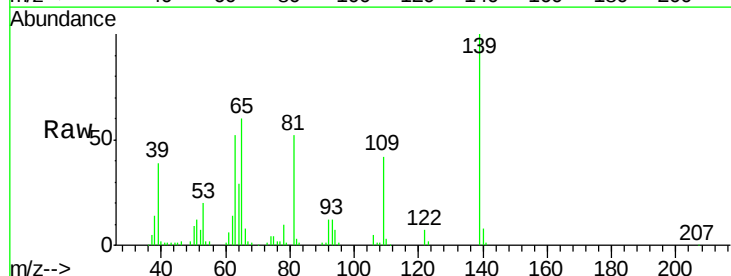
Tgt Ion: 139 Resp: 90363

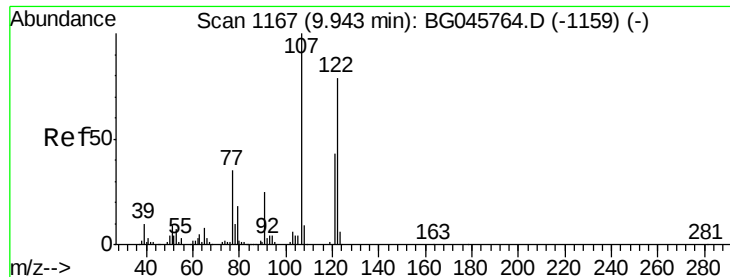
Ion Ratio Lower Upper

139 100

109 42.3 33.5 50.3

65 60.2 42.2 63.4

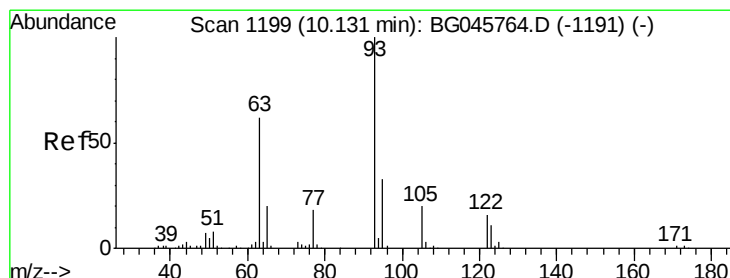
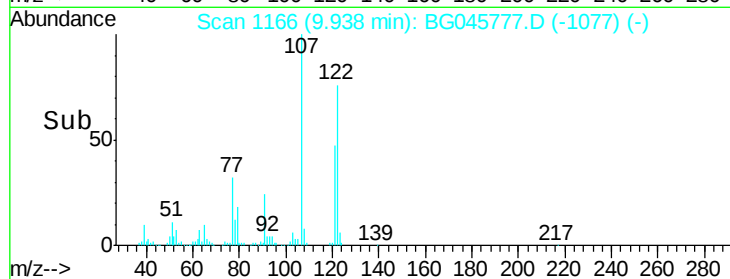
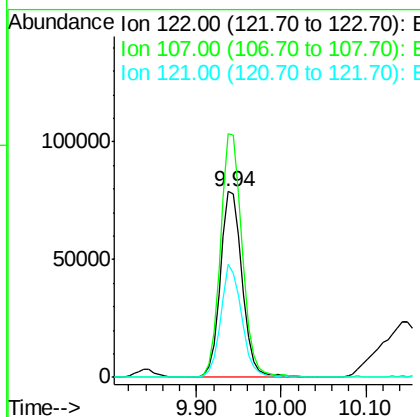
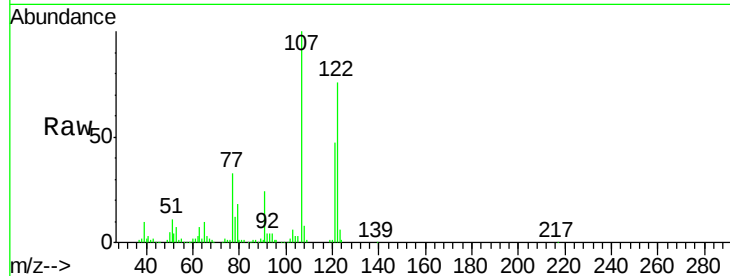




#27
 2,4-Dimethylphenol
 Concen: 43.726 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

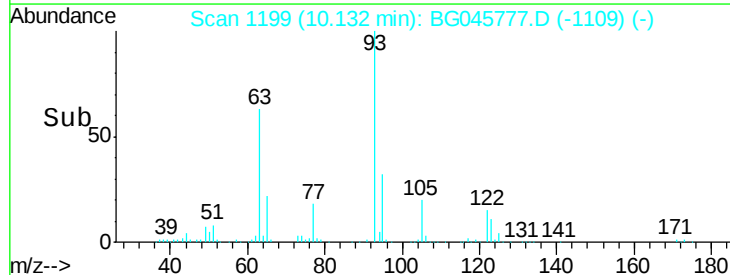
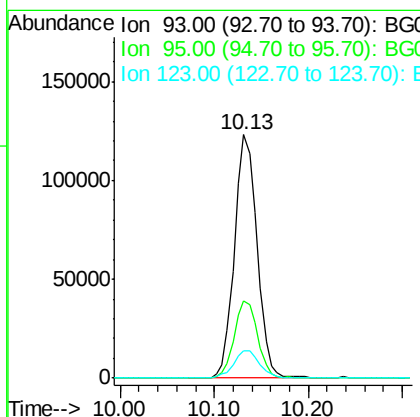
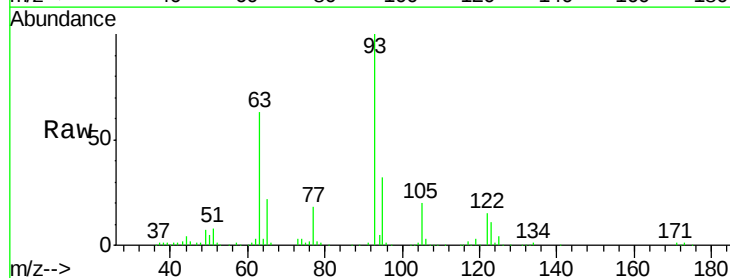
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

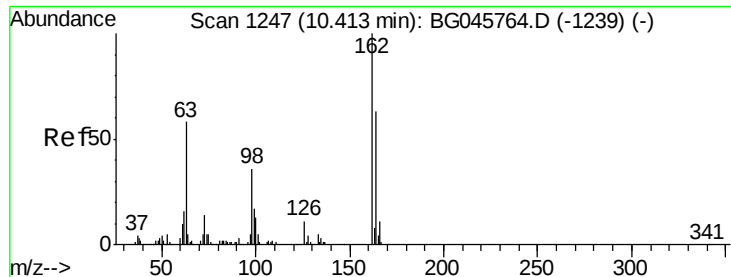
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.0	101.3	151.9
121	61.1	43.9	65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.515 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.3	39.5
123	11.4	9.3	13.9

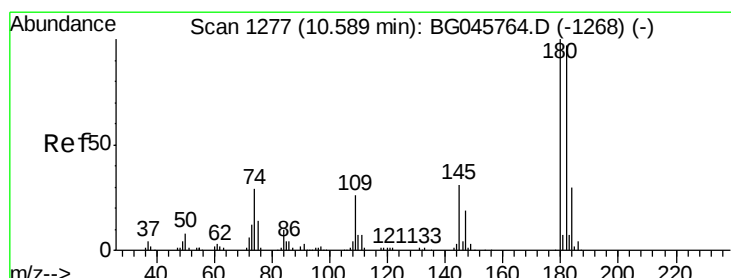
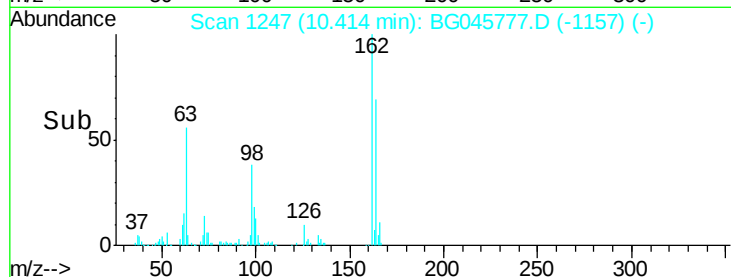
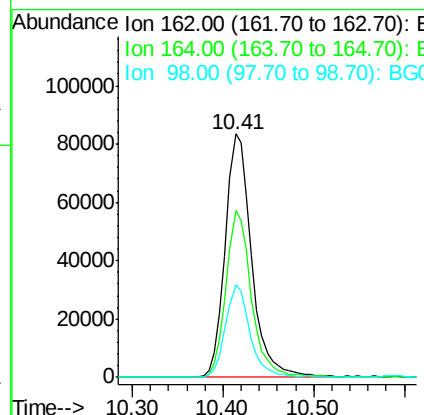
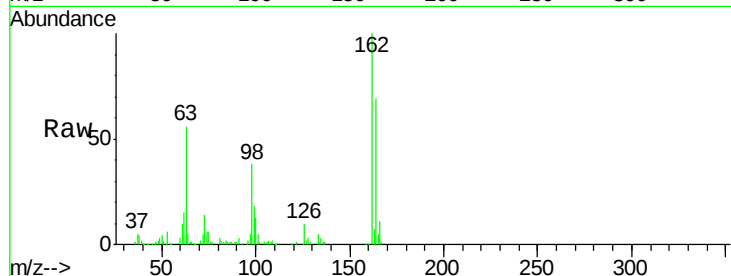




#29
 2,4-Dichlorophenol
 Concen: 44.431 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

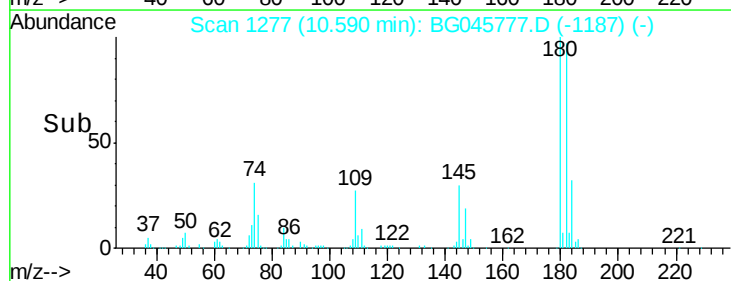
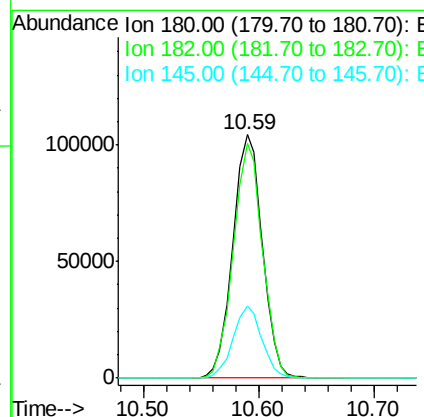
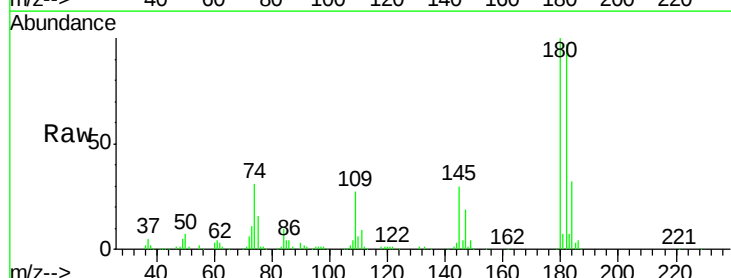
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

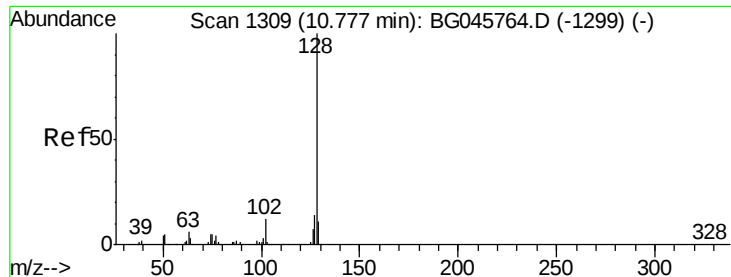
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.7	43.3	83.3
98	38.2	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.070 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.6
145	29.7	24.5	36.7

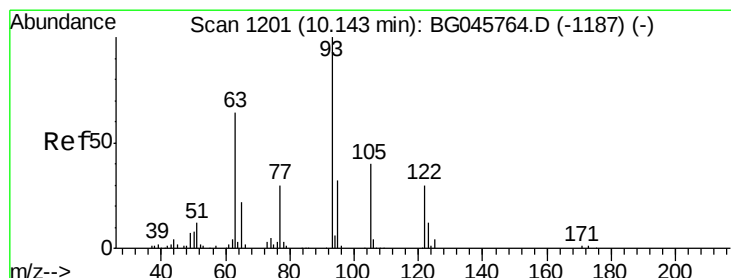
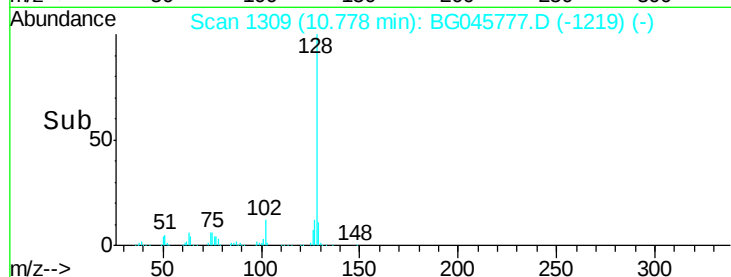
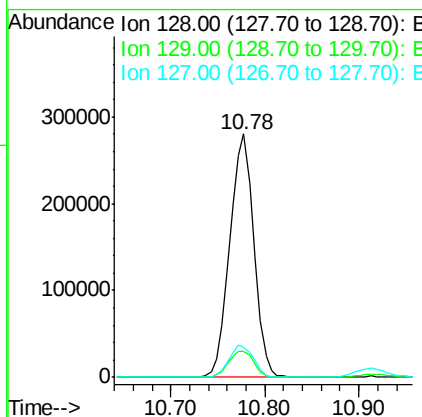
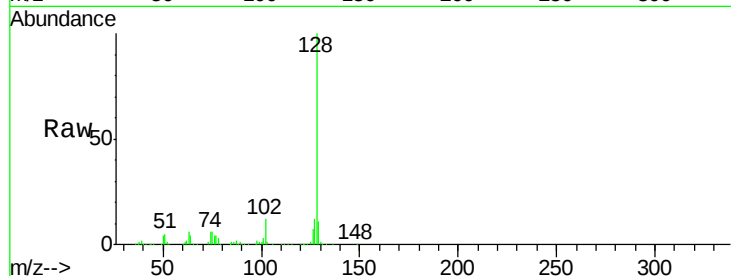




#31
Naphthalene
Concen: 41.422 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

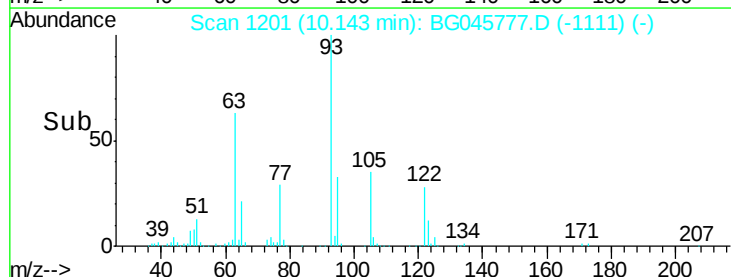
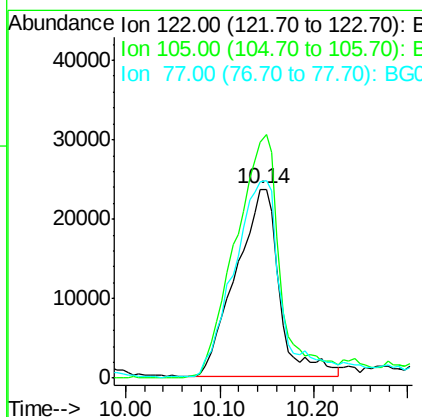
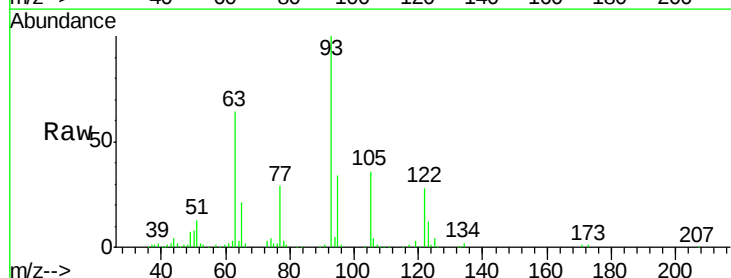
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

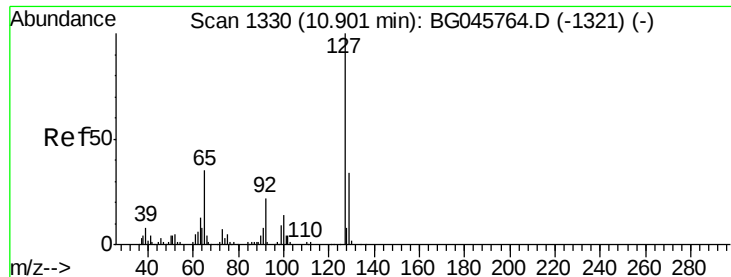
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.4	10.9	16.3



#32
Benzoic acid
Concen: 38.244 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	112.9	152.9
77	103.7	79.2	119.2

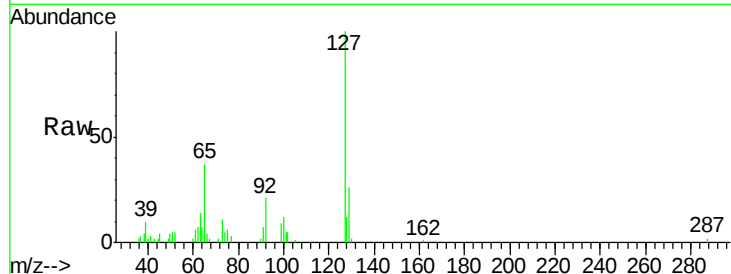




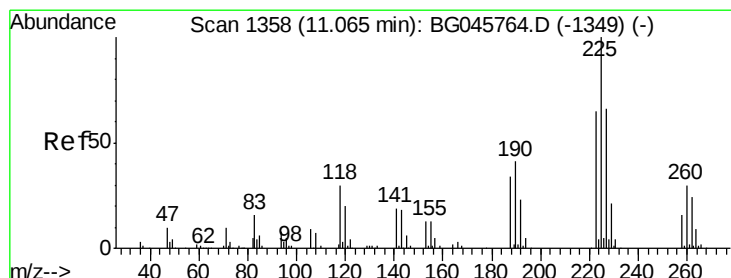
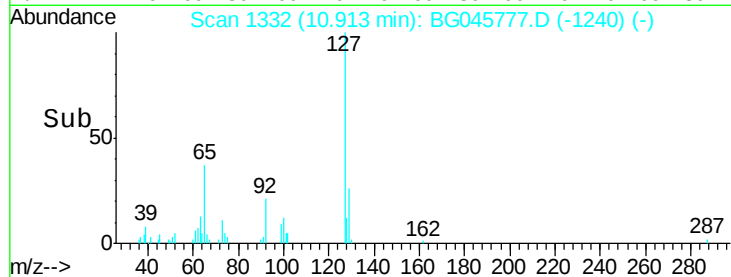
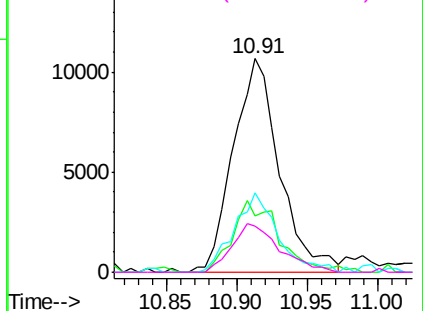
#33
4-Chloroaniline
Concen: 4.851 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

Tot Ion:127	Resp:	24385
Ion Ratio	Lower	Upper
127	100	
129	26.1	26.8 40.2#
65	36.9	27.8 41.8
92	21.4	17.3 25.9

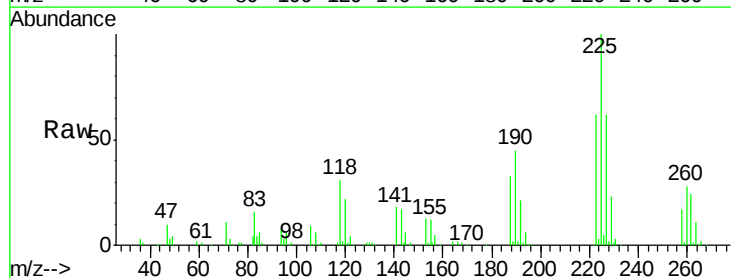


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

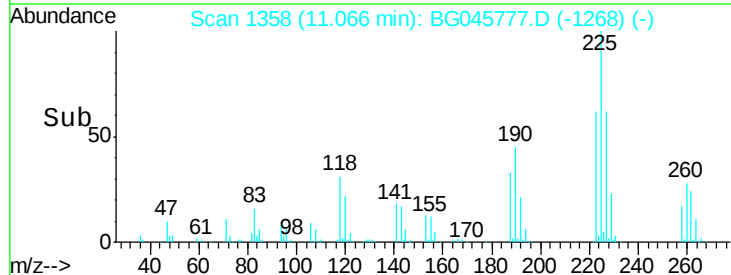
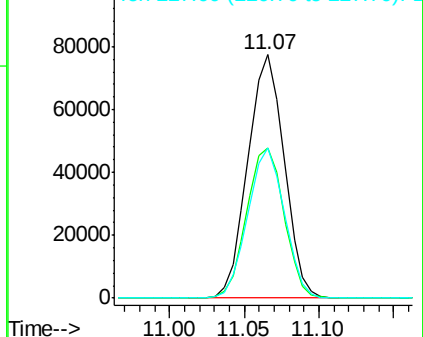


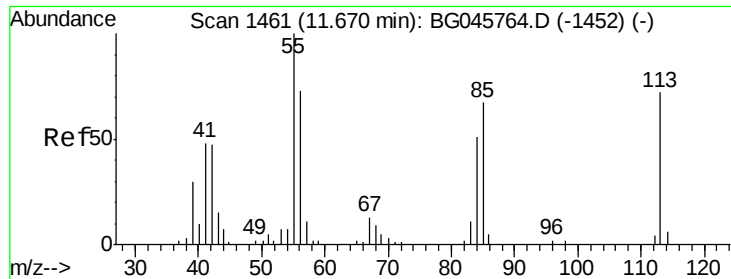
#34
Hexachlorobutadiene
Concen: 40.690 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:225	Resp:	130290
Ion Ratio	Lower	Upper
225	100	
223	61.9	52.0 78.0
227	61.6	52.5 78.7



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

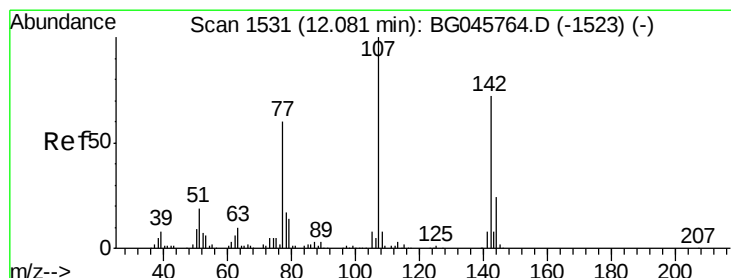
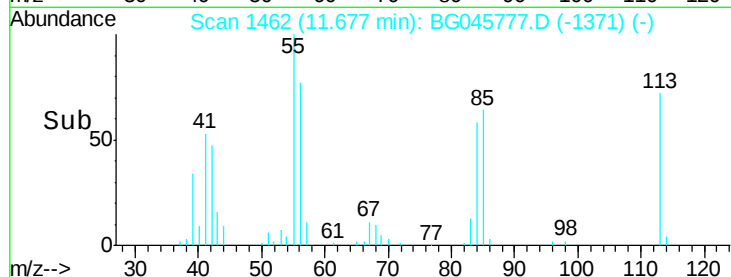
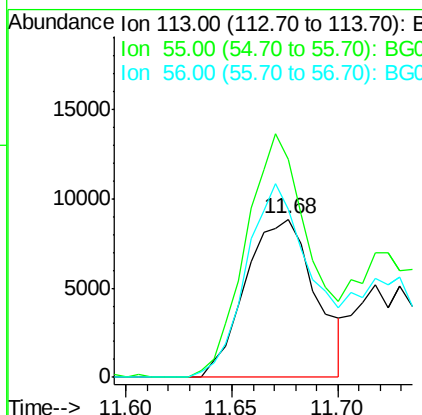
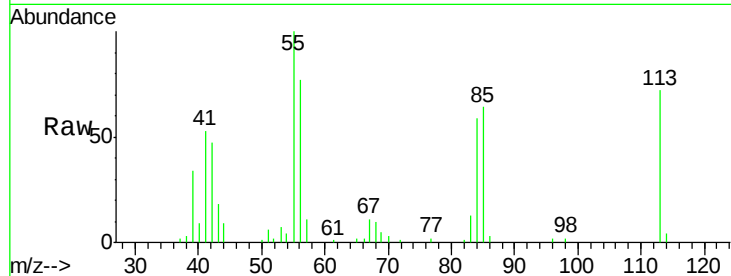




#35
Caprolactam
Concen: 16.530 ng
RT: 11.68 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

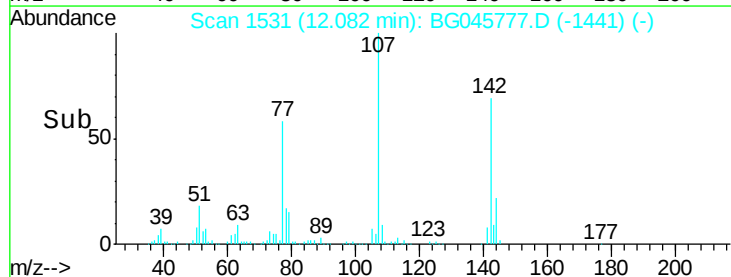
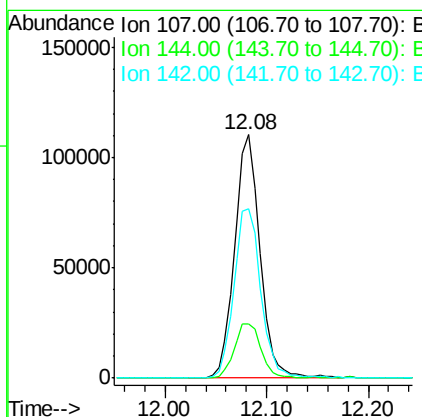
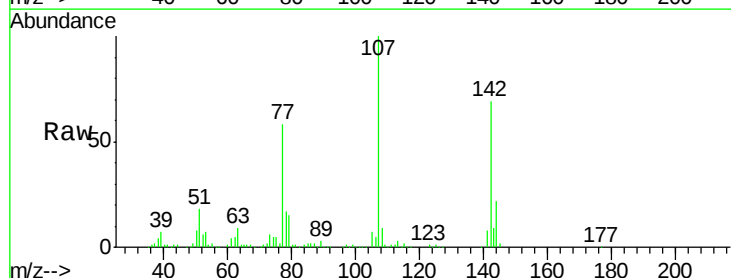
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

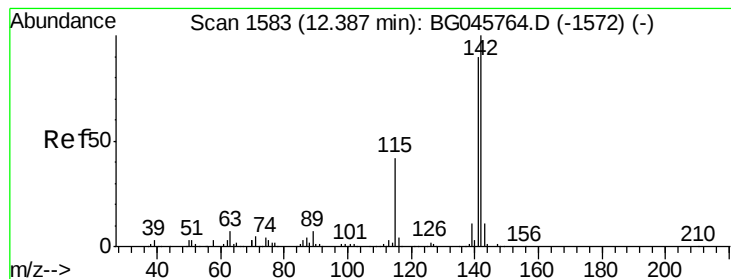
Tot Ion:113 Resp: 20344
Ion Ratio Lower Upper
113 100
55 138.2 119.7 159.7
56 106.6 82.5 122.5



#36
4-Chloro-3-methylphenol
Concen: 43.728 ng
RT: 12.08 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:107 Resp: 192019
Ion Ratio Lower Upper
107 100
144 22.3 19.5 29.3
142 69.4 57.4 86.0





#37

2-Methylnaphthalene

Concen: 42.740 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

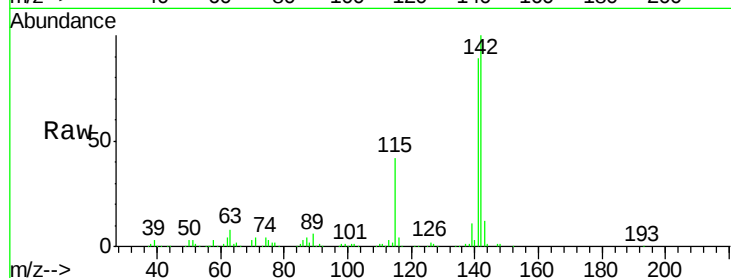
Tot Ion:142 Resp: 382062

Ion Ratio Lower Upper

142 100

141 89.1 71.7 107.5

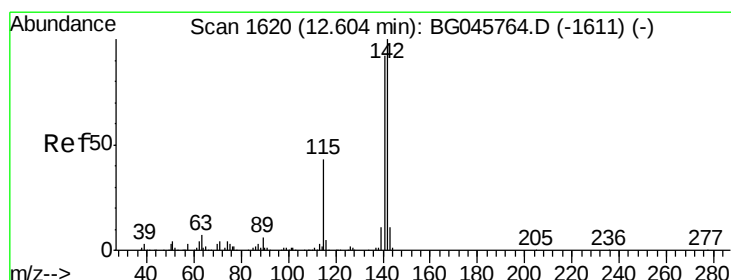
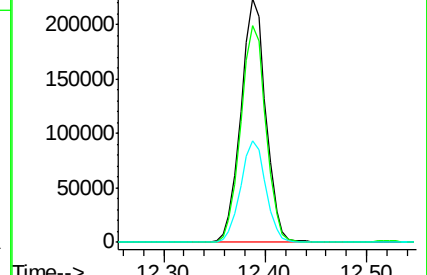
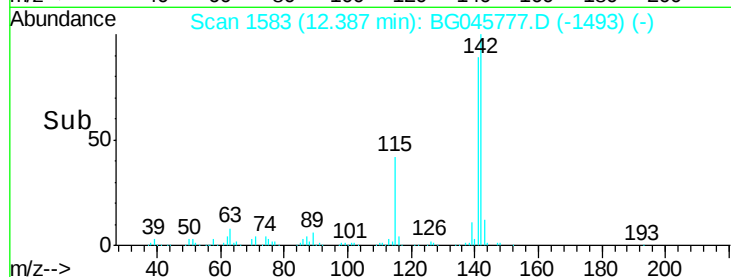
115 41.5 33.8 50.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.329 ng

RT: 12.60 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

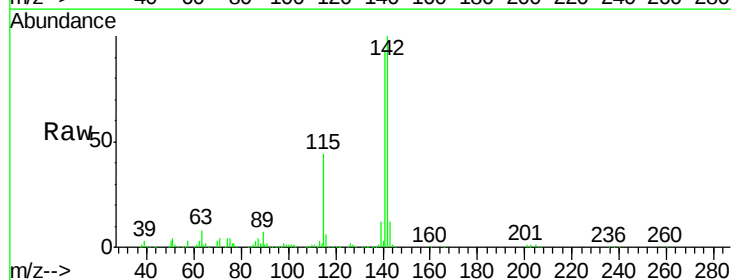
Tgt Ion:142 Resp: 366537

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.8

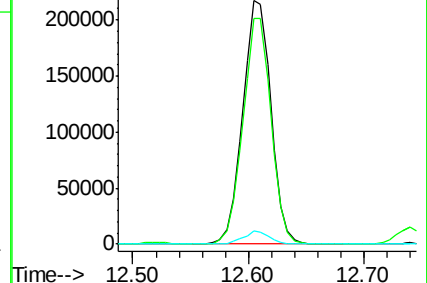
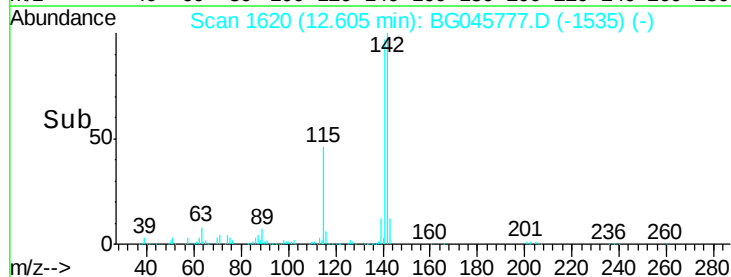
116 5.6 3.8 5.8

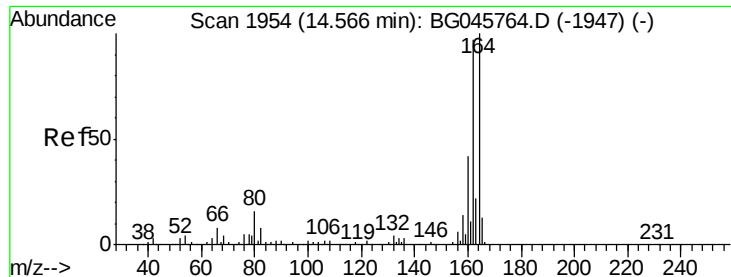


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

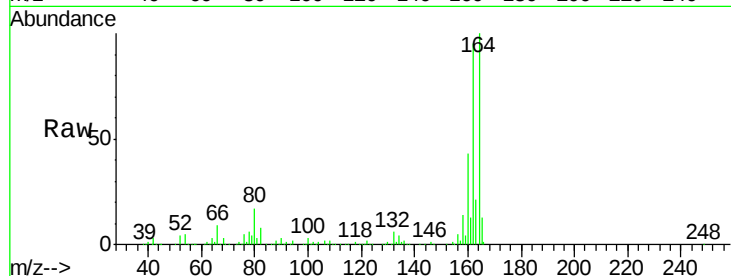
Tot Ion:164 Resp: 165142

Ion Ratio Lower Upper

164 100

162 94.6 77.4 116.0

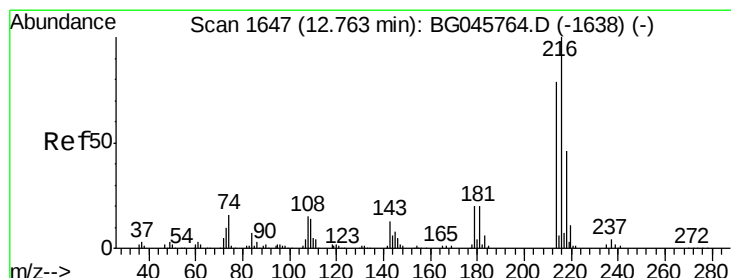
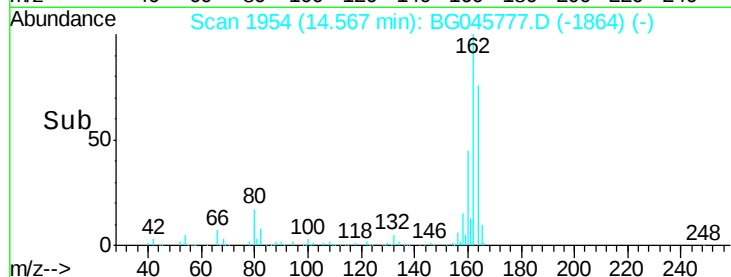
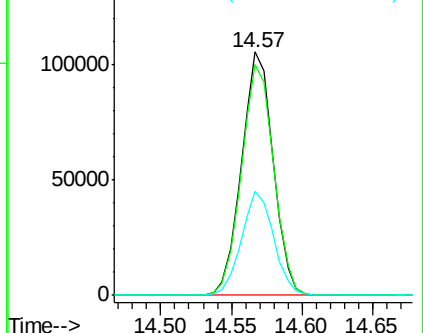
160 42.9 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.987 ng

RT: 12.76 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Tgt Ion:216 Resp: 217436

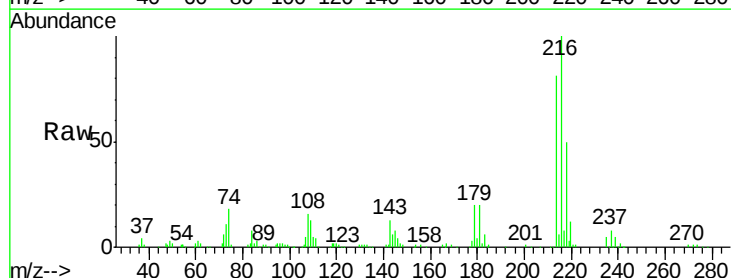
Ion Ratio Lower Upper

216 100

214 80.7 62.8 94.2

179 20.1 16.2 24.4

108 18.6 13.4 20.2

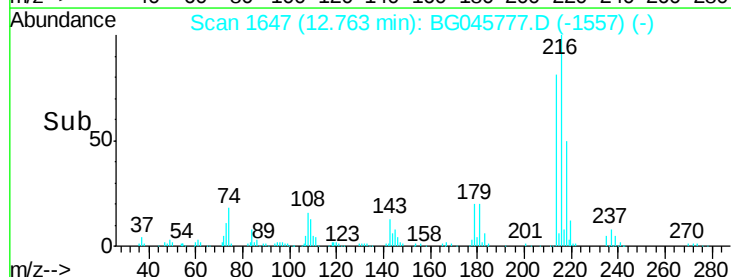
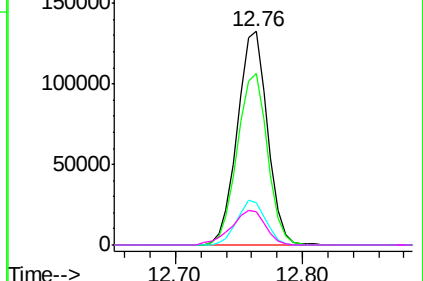


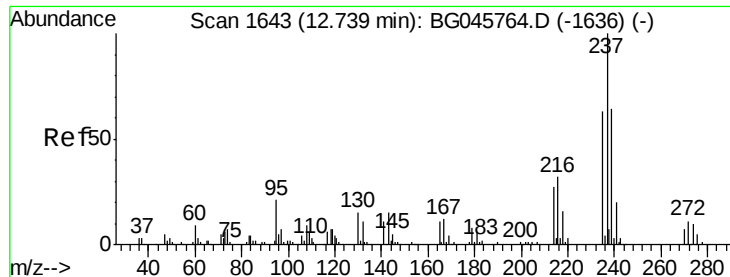
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.474 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

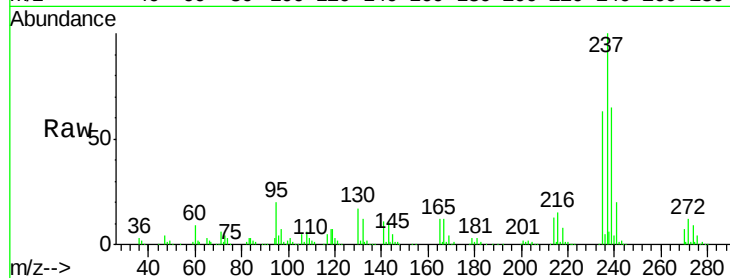
BNA_G

ClientSampleId :

HR-06-061120MS

Tot Ion:237 Resp: 215026

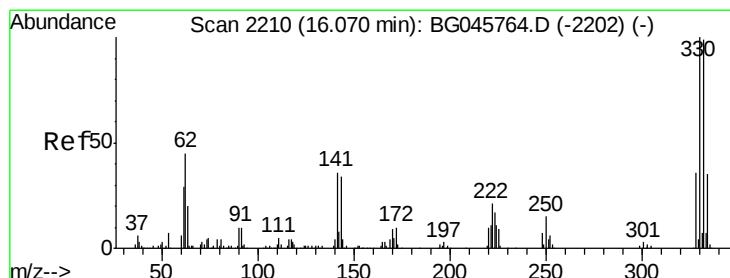
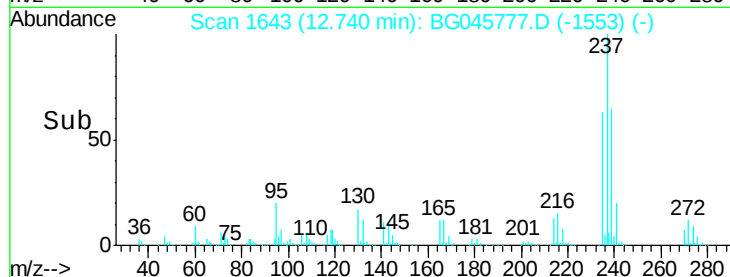
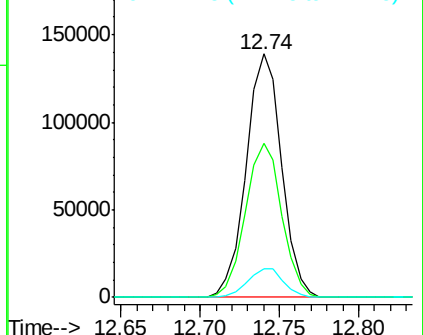
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.9	82.9
272	11.9	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.113 ng

RT: 16.07 min Scan# 2210

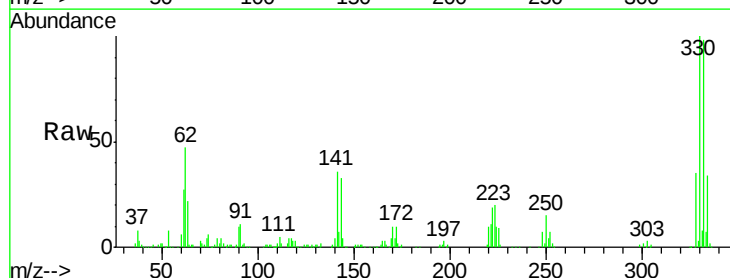
Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Tgt Ion:330 Resp: 299468

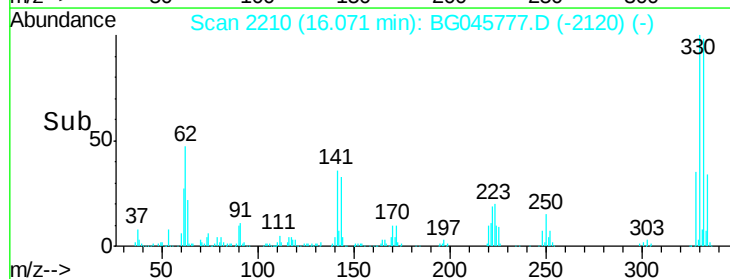
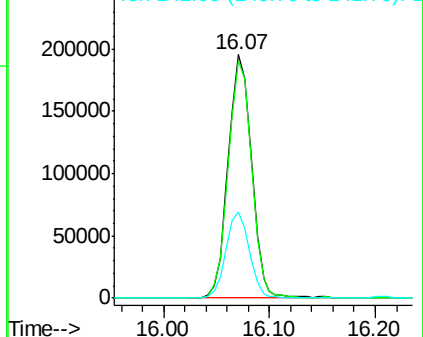
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.6	117.8
141	35.4	28.2	42.4

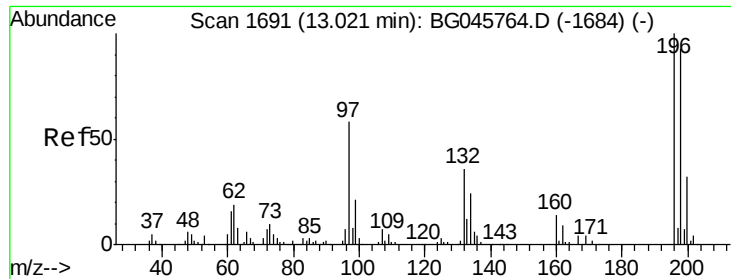


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

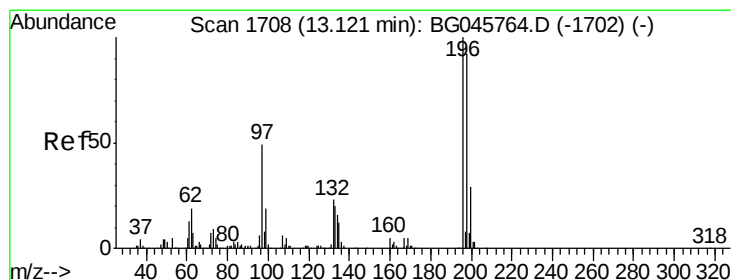
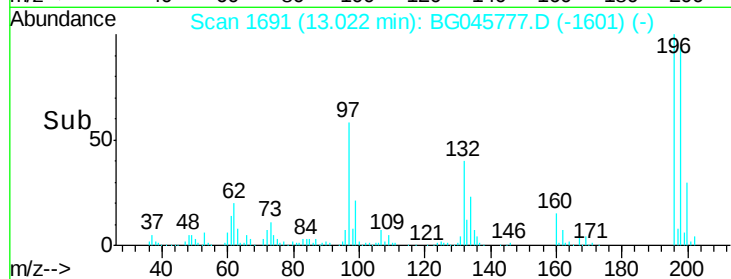
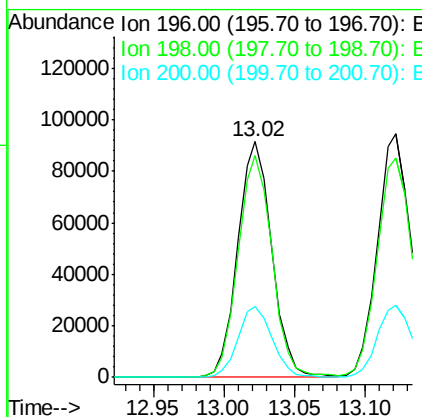
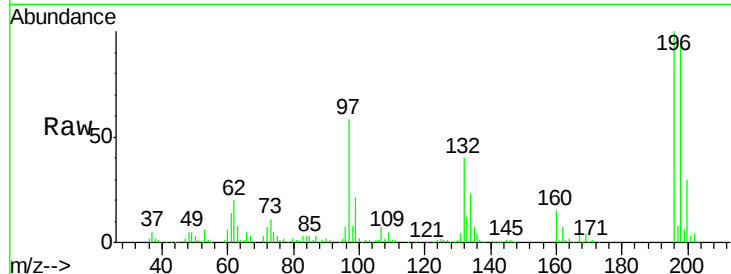




#43
 2,4,6-Trichlorophenol
 Concen: 41.792 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

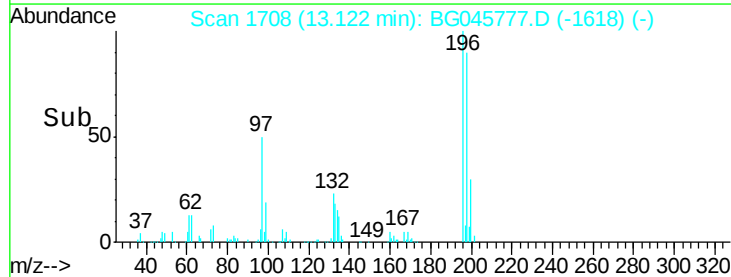
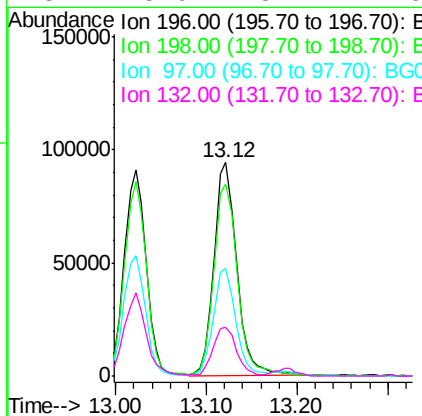
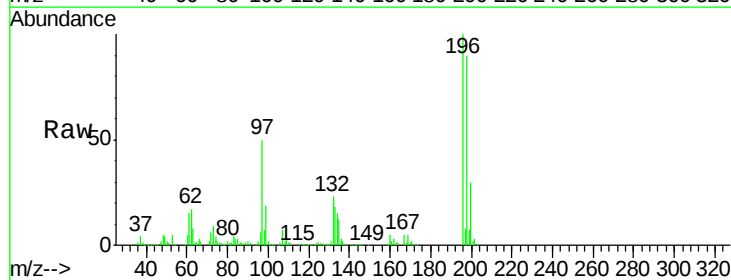
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

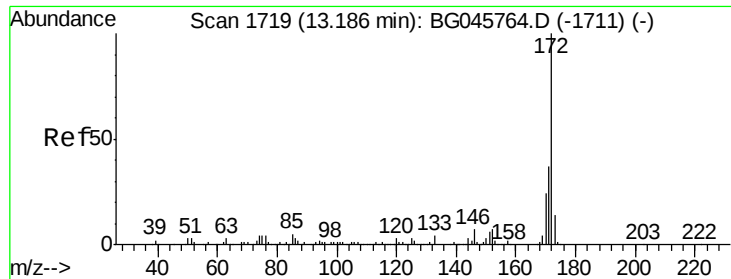
Tot Ion:196 Resp: 154078
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.4 111.6
 200 30.0 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.250 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion:196 Resp: 164925
 Ion Ratio Lower Upper
 196 100
 198 90.0 74.0 111.0
 97 50.4 39.0 58.6
 132 23.0 18.4 27.6

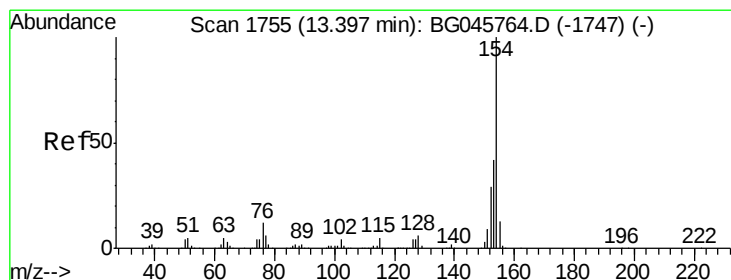
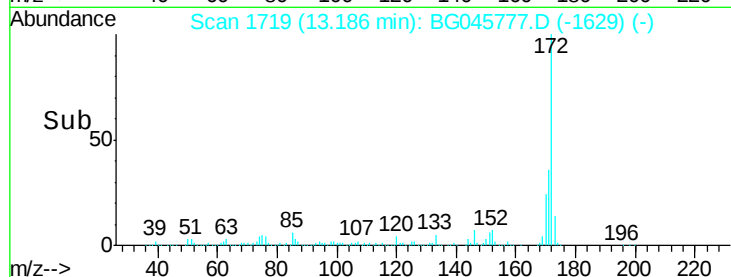
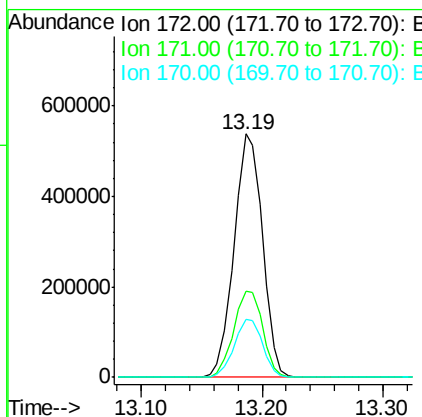
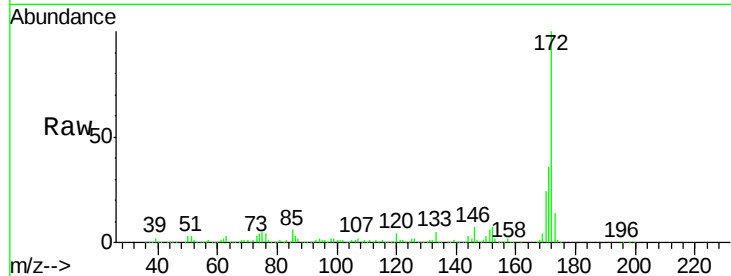




#45
 2-Fluorobiphenyl
 Concen: 78.636 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

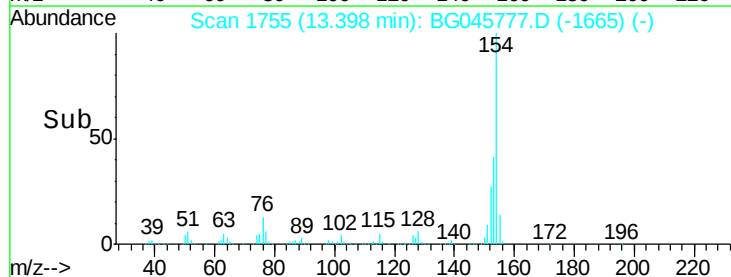
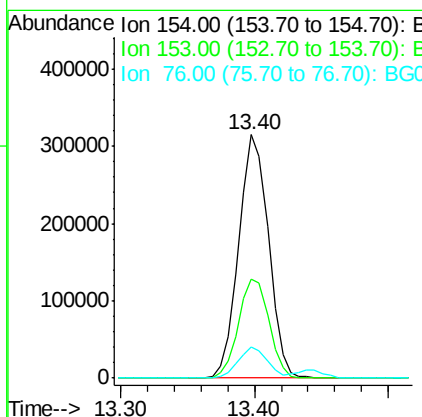
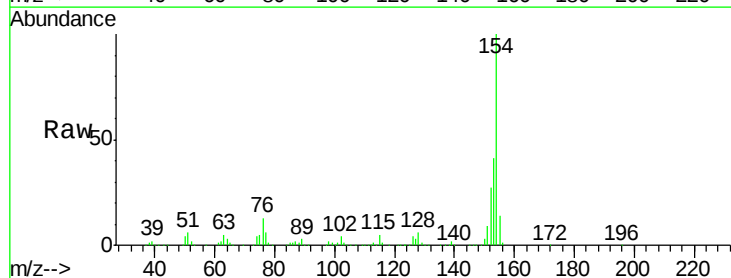
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

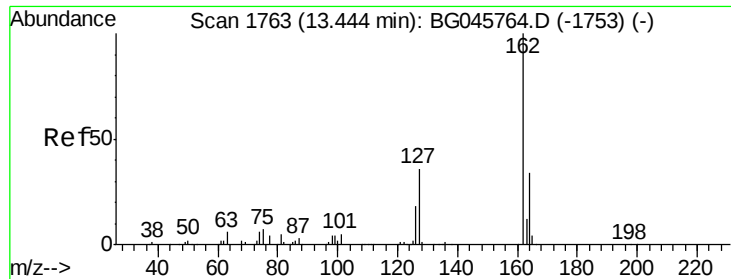
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.7	19.3	28.9



#46
 1,1'-Biphenyl
 Concen: 41.178 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.7	61.7
76	12.6	0.0	32.0

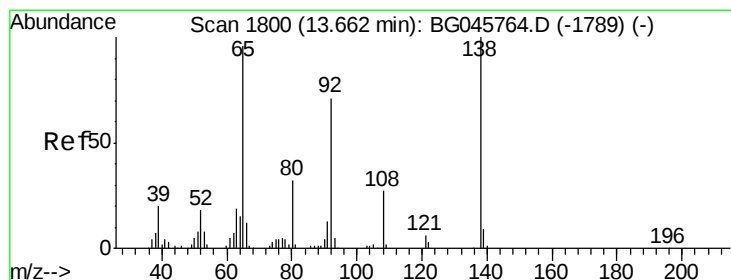
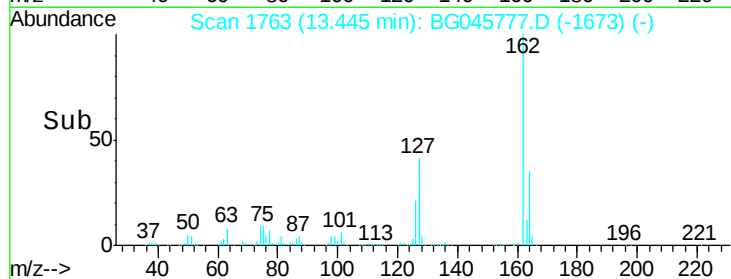
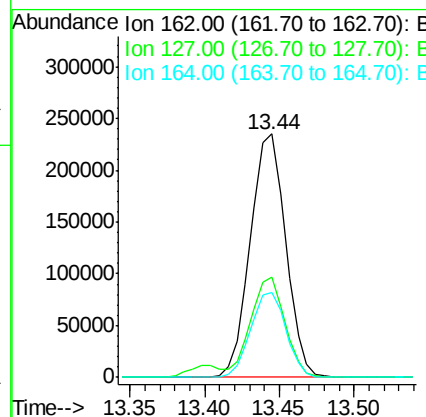
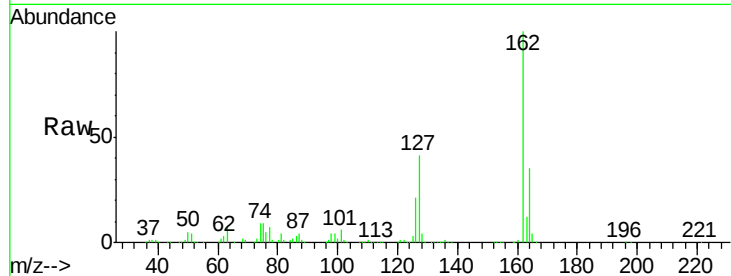




#47
2-Chloronaphthalene
Concen: 40.311 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

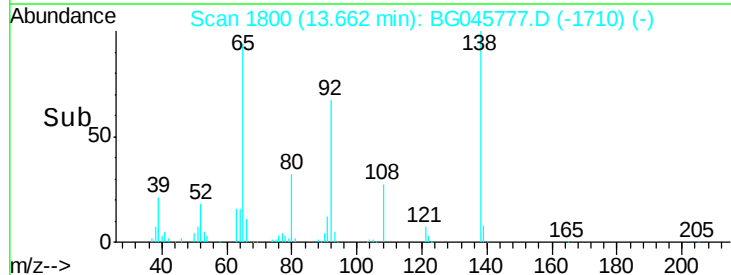
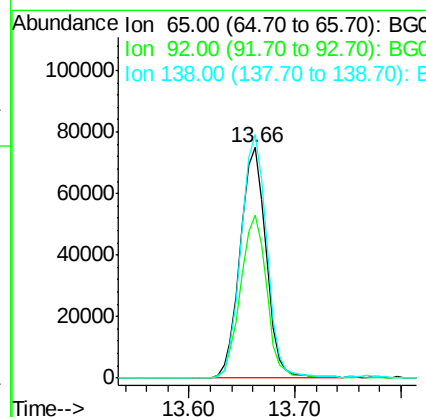
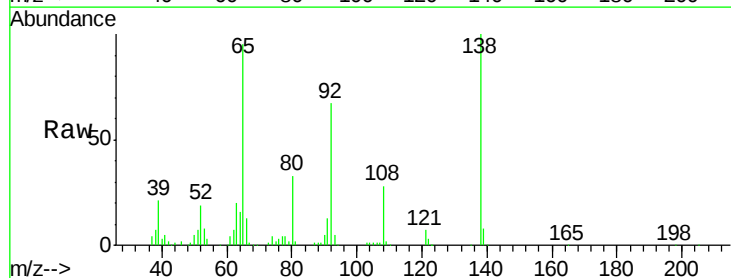
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

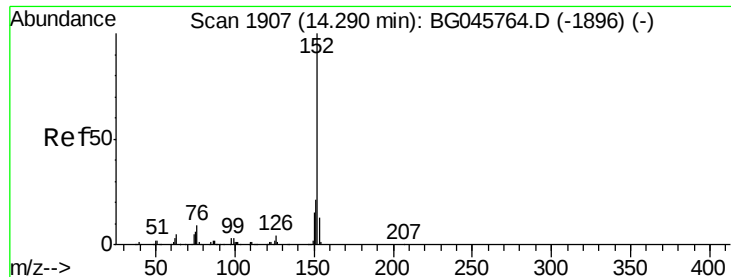
Tot Ion:162 Resp: 384999
Ion Ratio Lower Upper
162 100
127 40.9 30.5 45.7
164 34.9 27.2 40.8



#48
2-Nitroaniline
Concen: 40.243 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion: 65 Resp: 127848
Ion Ratio Lower Upper
65 100
92 70.8 59.0 88.6
138 105.7 83.6 125.4





#49

Acenaphthylene

Concen: 40.813 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

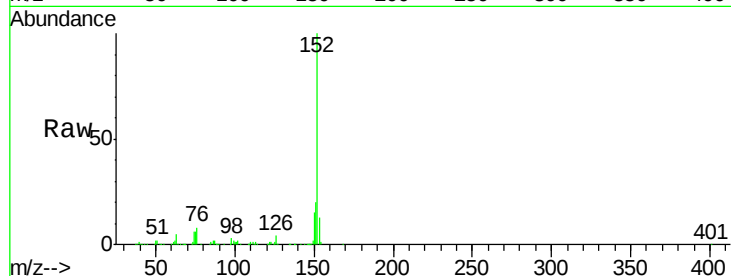
Tot Ion:152 Resp: 624344

Ion Ratio Lower Upper

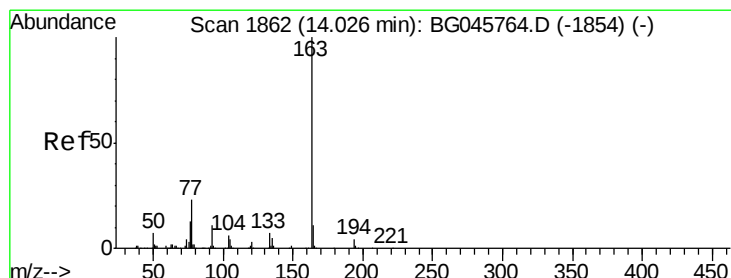
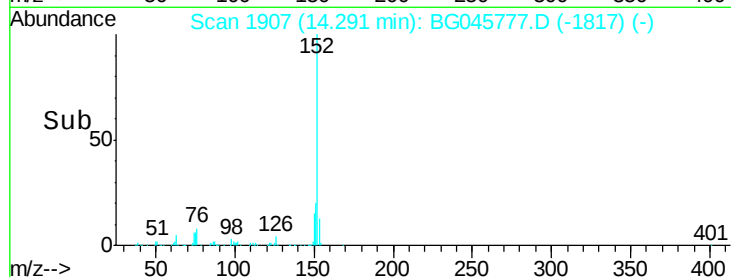
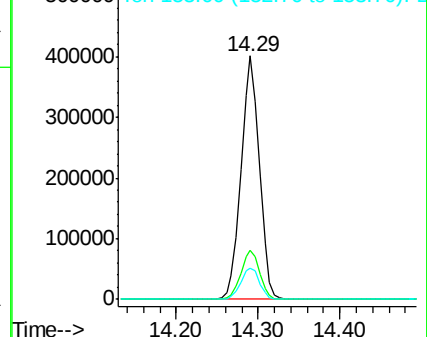
152 100

151 20.2 17.0 25.4

153 13.0 10.6 15.8



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: 49.851 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

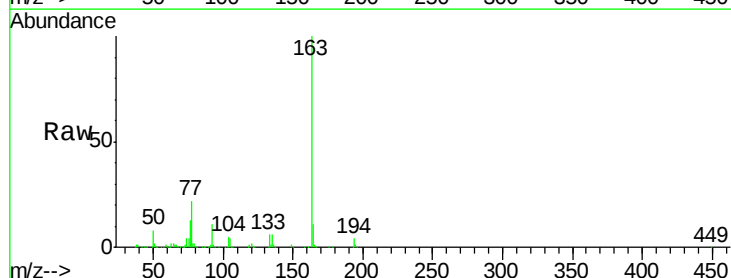
Tgt Ion:163 Resp: 644934

Ion Ratio Lower Upper

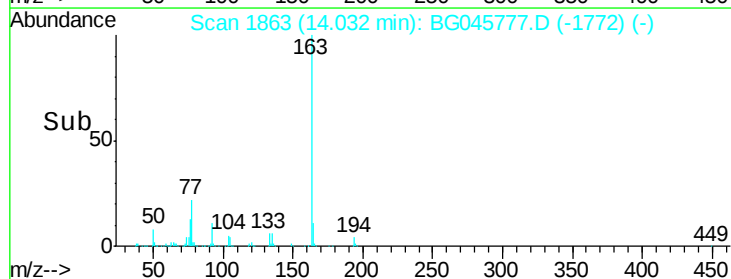
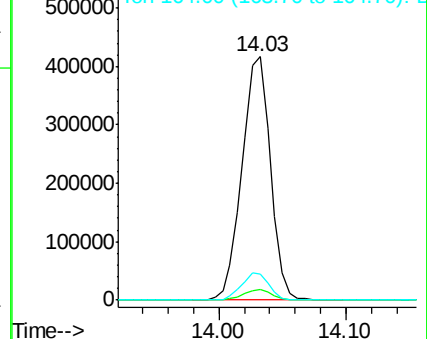
163 100

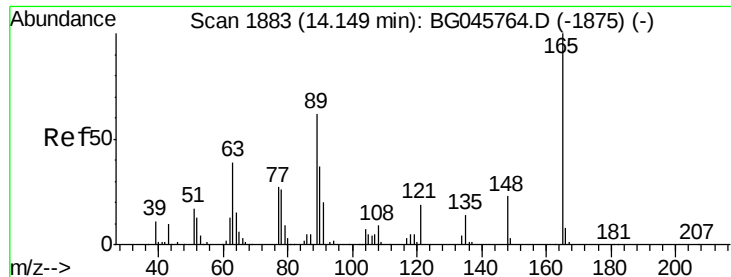
194 4.3 3.4 5.0

164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.251 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

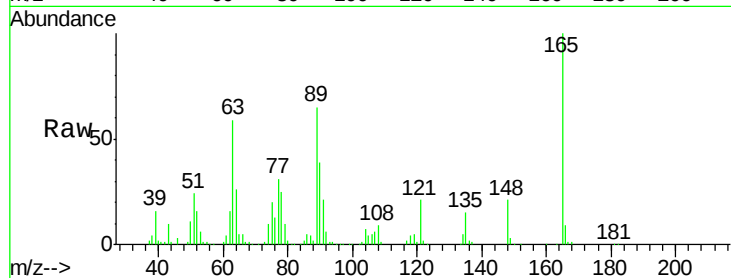
Tot Ion:165 Resp: 119863

Ion Ratio Lower Upper

165 100

63 59.2 41.2 61.8

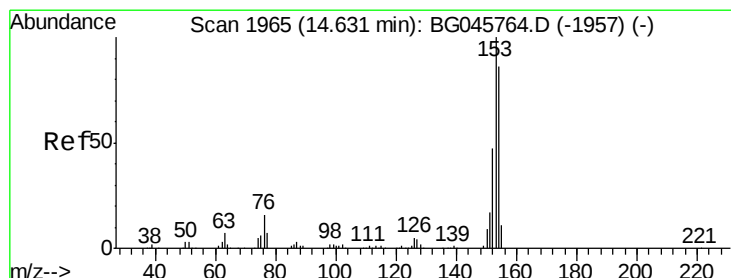
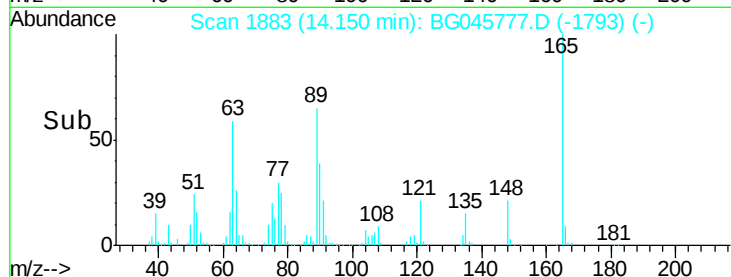
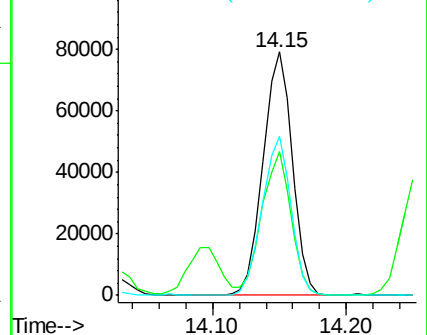
89 65.1 49.7 74.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.232 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

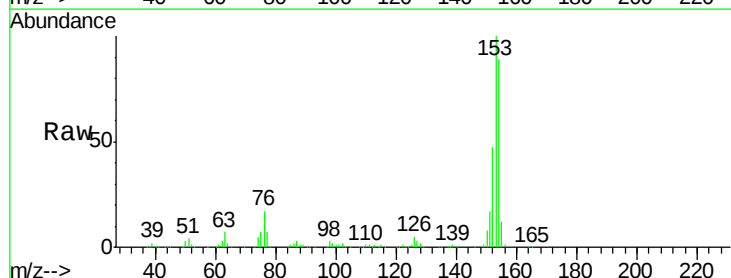
Tgt Ion:154 Resp: 382334

Ion Ratio Lower Upper

154 100

153 111.8 93.0 139.4

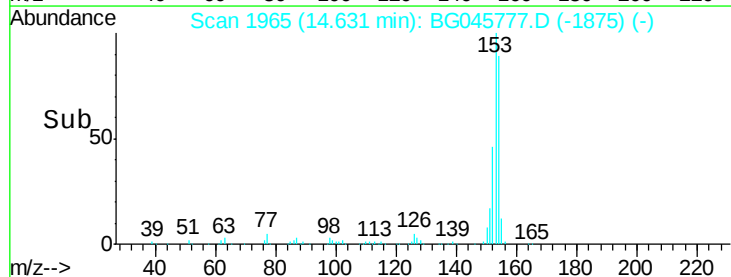
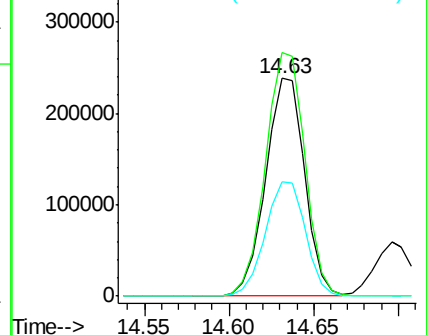
152 52.5 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

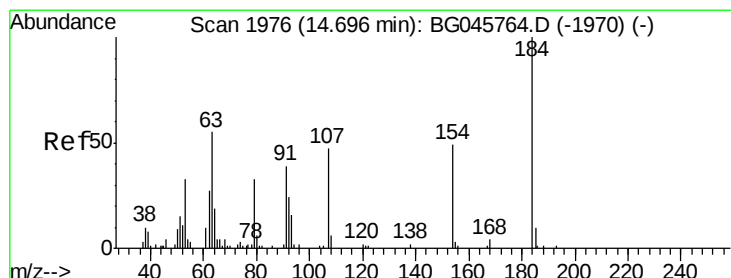
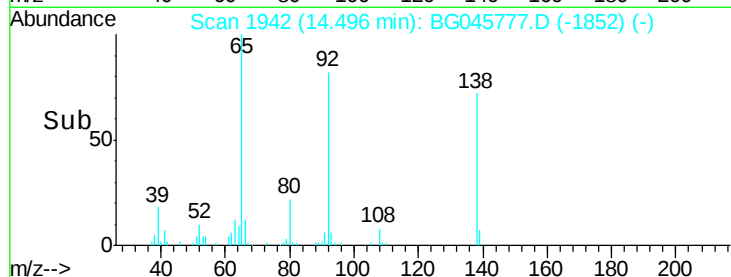
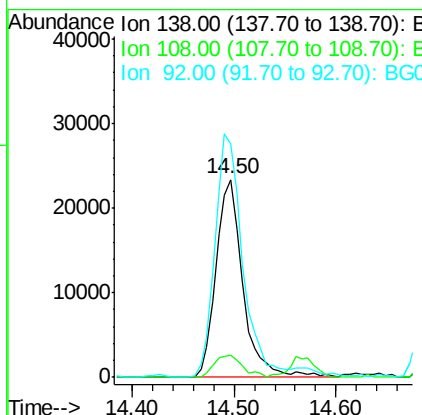
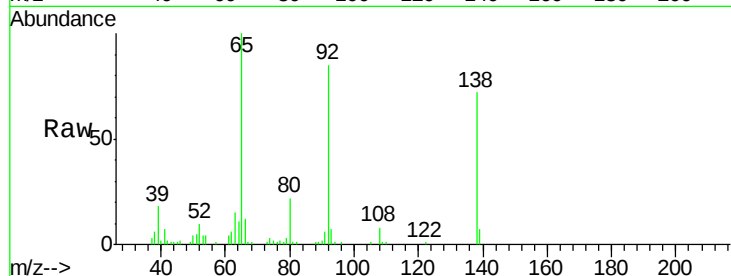




#53
3-Nitroaniline
Concen: 14.834 ng
RT: 14.50 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

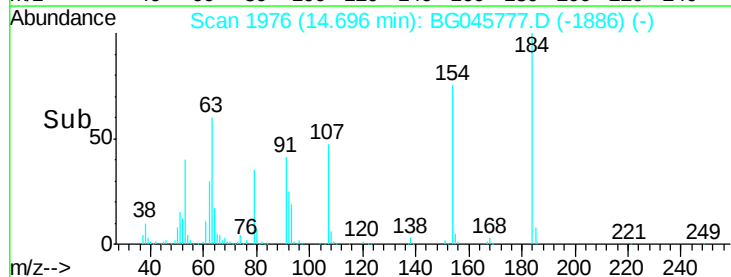
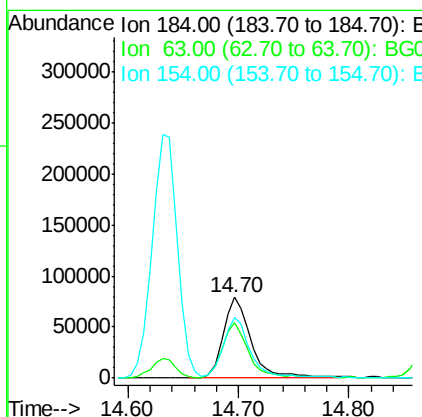
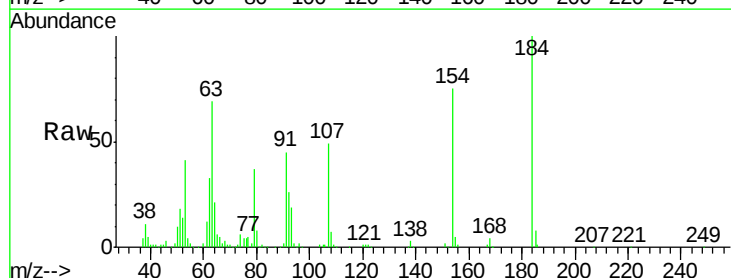
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

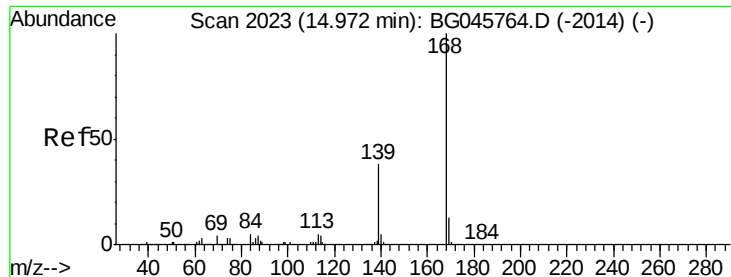
Tot Ion:138 Resp: 43055
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 118.0 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 85.889 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:184 Resp: 140144
Ion Ratio Lower Upper
184 100
63 69.0 46.6 70.0
154 74.5 58.6 87.8





#55

Dibenzenofuran

Concen: 41.385 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

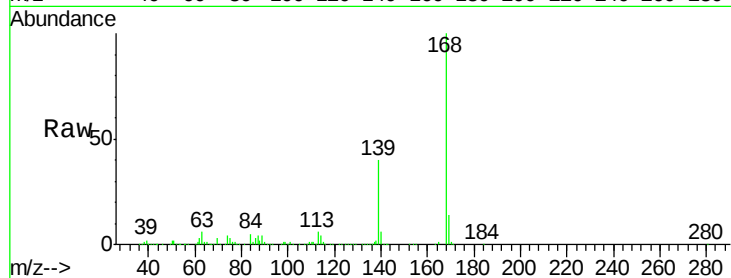
Tot Ion:168 Resp: 623400

Ion Ratio Lower Upper

168 100

139 39.5 31.8 47.6

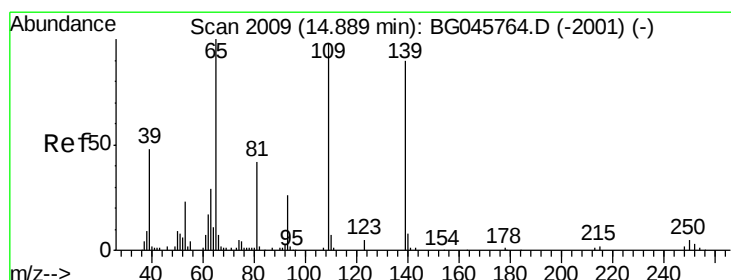
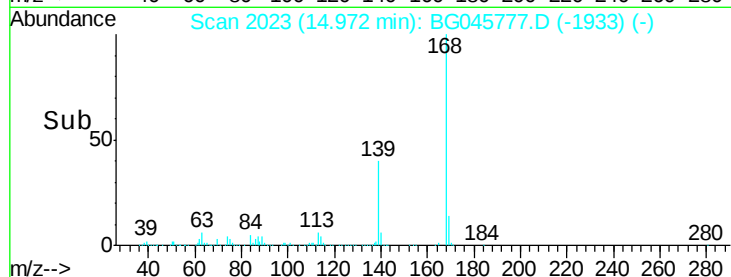
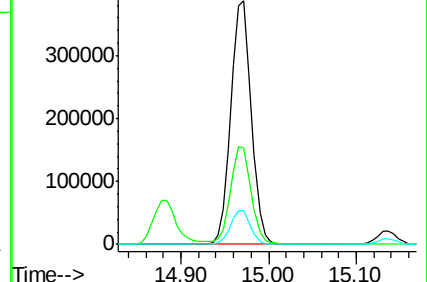
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 64.490 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

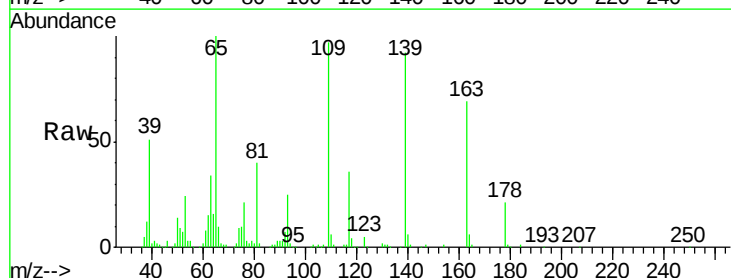
Tgt Ion:139 Resp: 132416

Ion Ratio Lower Upper

139 100

109 105.4 88.9 128.9

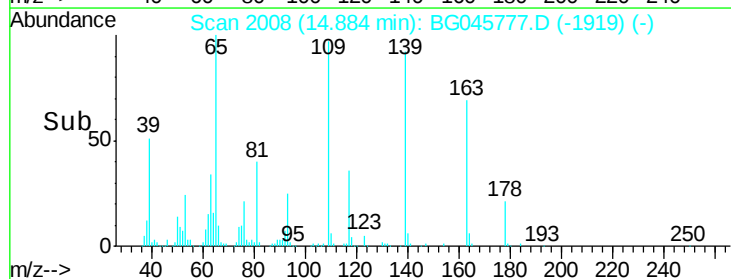
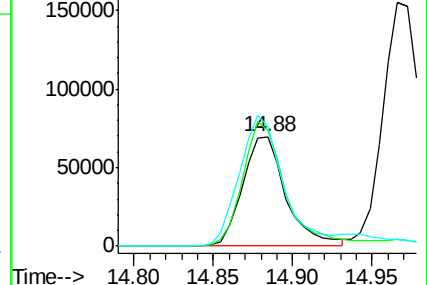
65 109.0 92.3 132.3

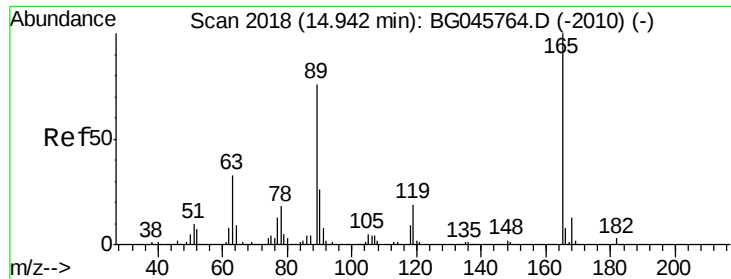


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

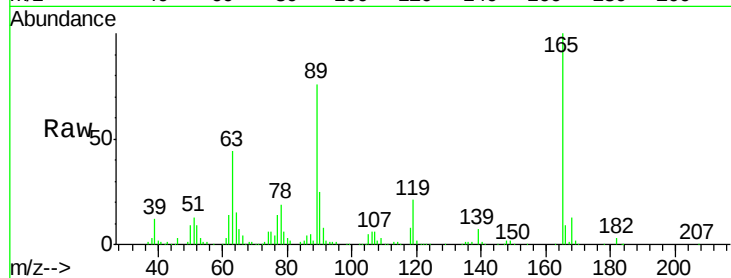




#57
 2,4-Dinitrotoluene
 Concen: 41.272 ng
 RT: 14.94 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

Tot Ion:165	Resp:	171825
Ion	Ratio	Lower Upper
165	100	
63	43.6	33.8 50.8
89	76.0	60.4 90.6
182	2.8	2.6 3.8

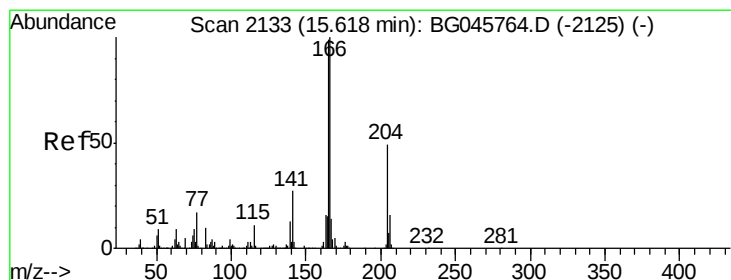
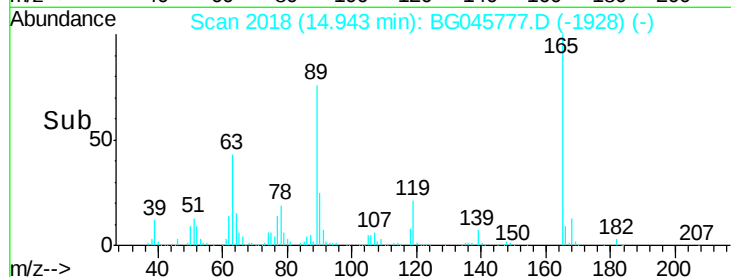
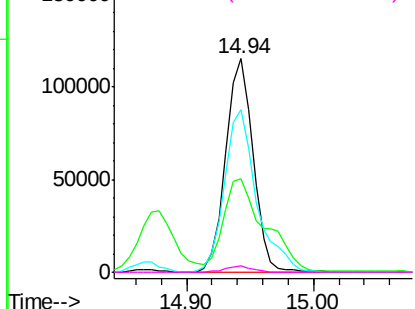


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

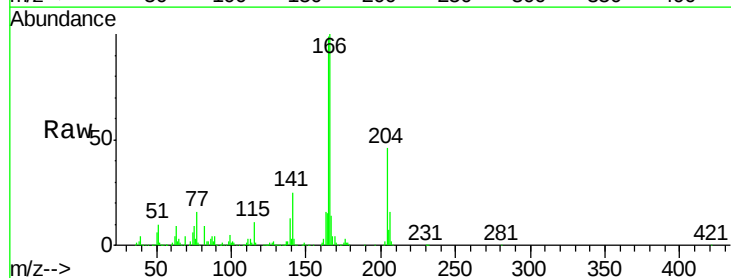
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.063 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

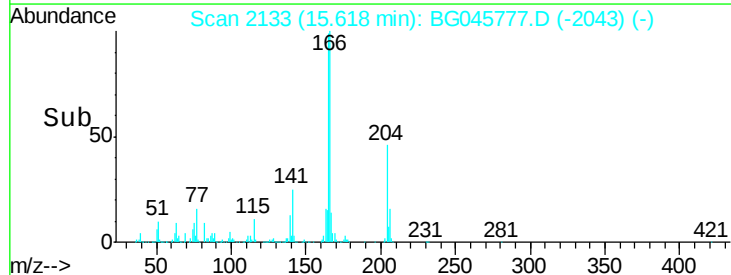
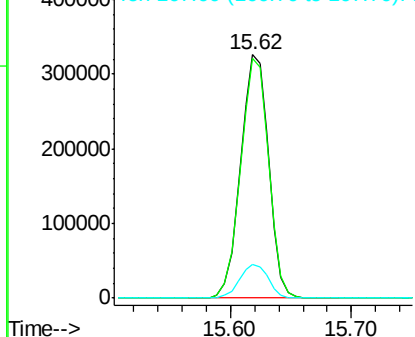
Tgt Ion:166	Resp:	526867
Ion	Ratio	Lower Upper
166	100	
165	98.7	79.1 118.7
167	13.9	11.5 17.3

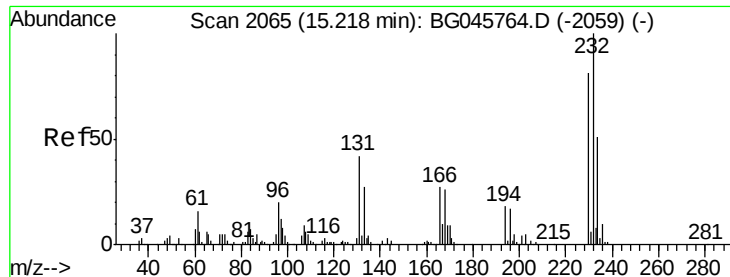


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

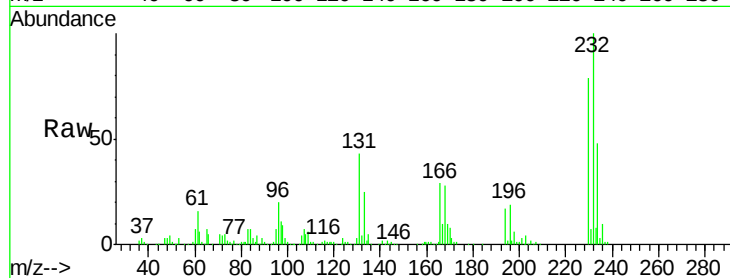




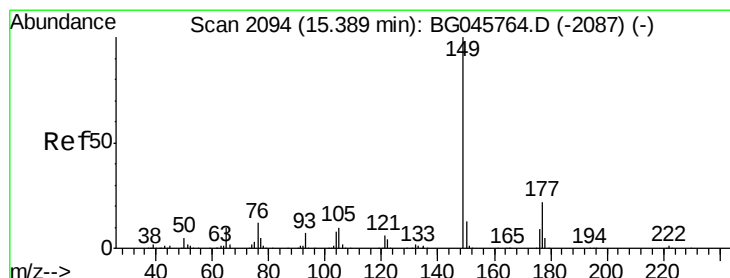
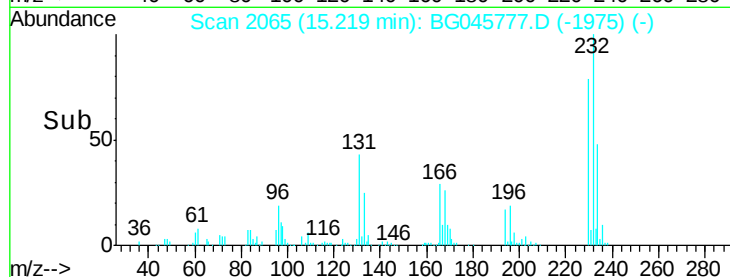
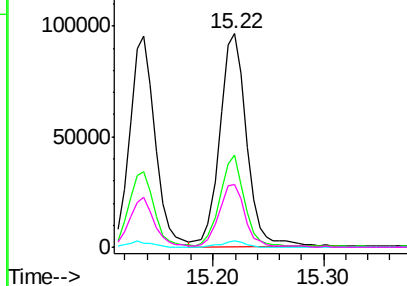
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.774 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MS

Tot Ion:232	Resp:	163290	
Ion Ratio	Lower	Upper	
232	100		
131	38.8	32.2	48.2
130	2.5	2.2	3.4
166	28.5	21.3	31.9

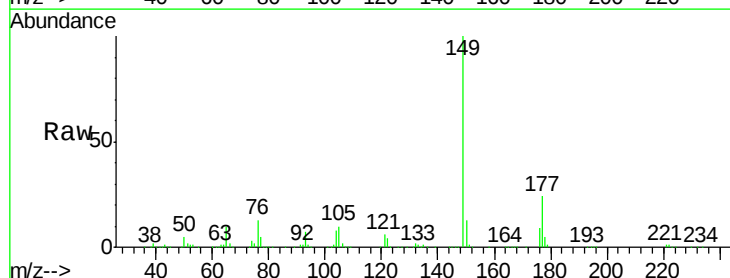


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

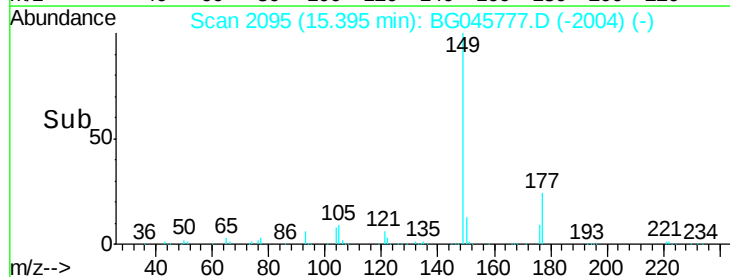
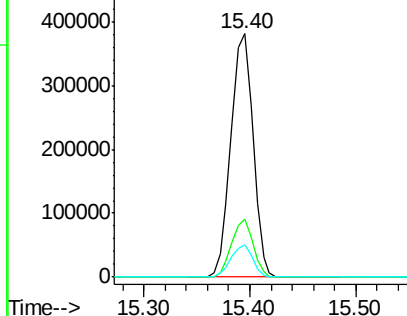


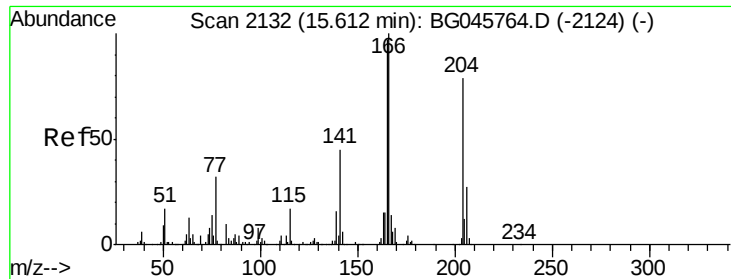
#60
 Diethylphthalate
 Concen: 41.774 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BG045777.D
 Acq: 16 Jun 2020 18:01

Tgt Ion:149	Resp: 552468
Ion Ratio	Lower Upper
149 100	
177 23.7	17.2 25.8
150 13.1	10.7 16.1



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

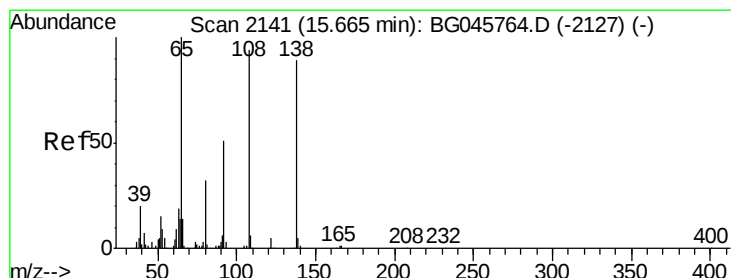
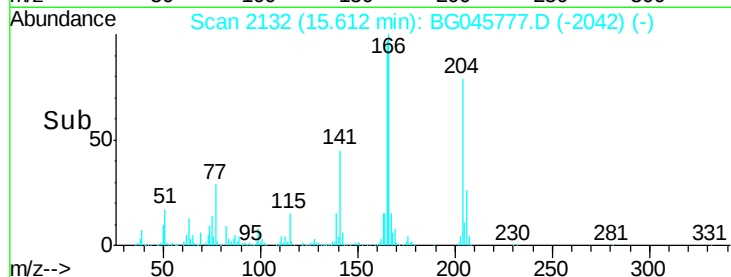
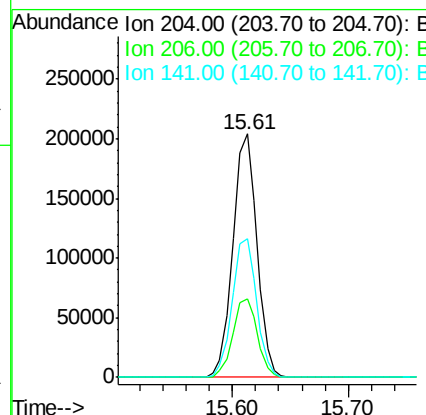
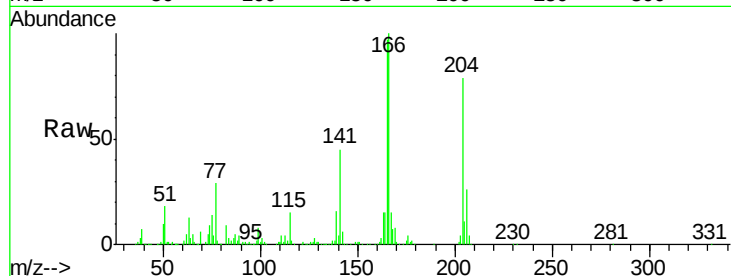




#61
4-Chlorophenyl-phenylether
Concen: 40.701 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

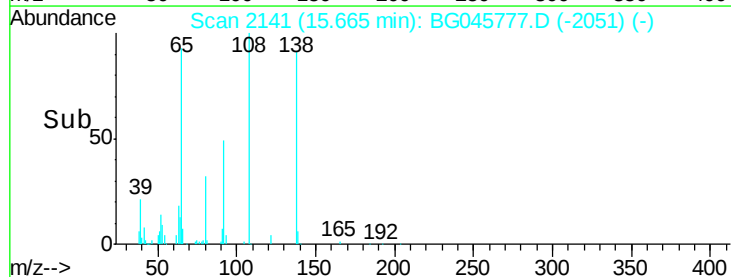
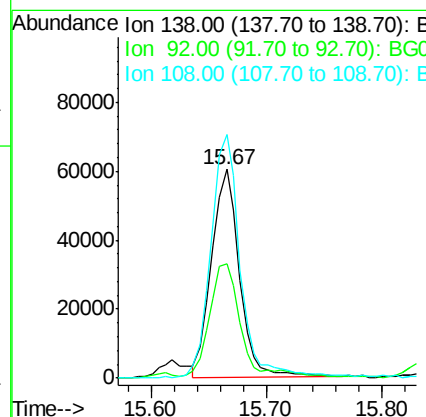
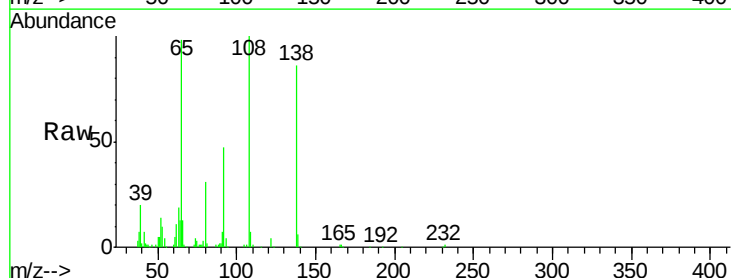
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

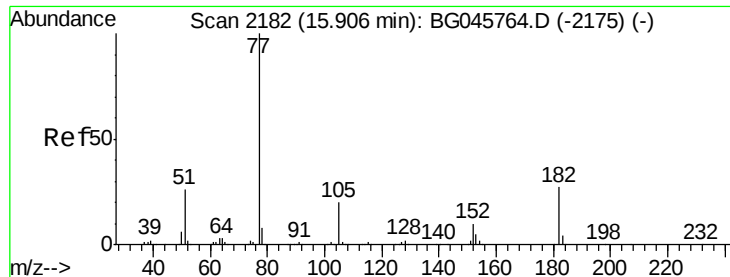
Tot Ion:204 Resp: 293833
Ion Ratio Lower Upper
204 100
206 32.4 27.2 40.8
141 56.9 45.9 68.9



#62
4-Nitroaniline
Concen: 33.907 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:138 Resp: 101000
Ion Ratio Lower Upper
138 100
92 54.6 37.3 77.3
108 116.5 85.0 125.0





#63

Azobenzene

Concen: 42.496 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

Tot Ion: 77 Resp: 539644

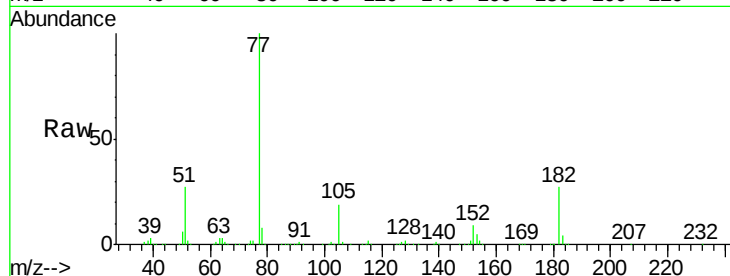
Ion Ratio Lower Upper

77 100

182 26.7 7.4 47.4

105 18.9 0.1 40.1

51 26.5 5.7 45.7

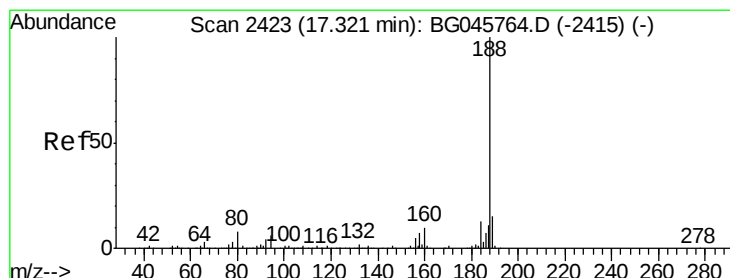
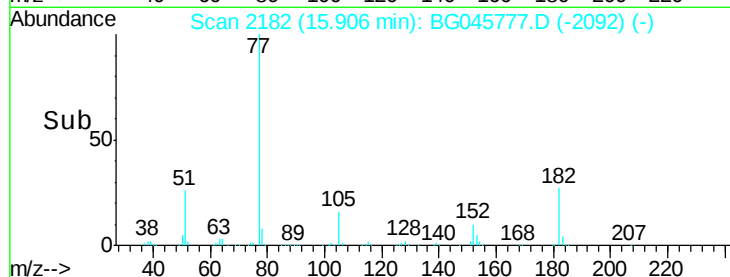
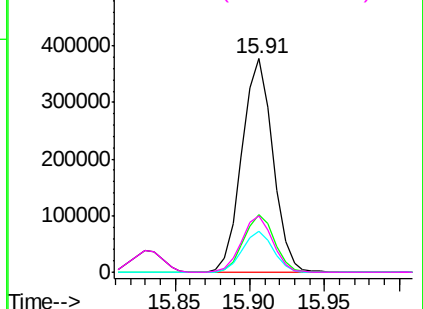


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

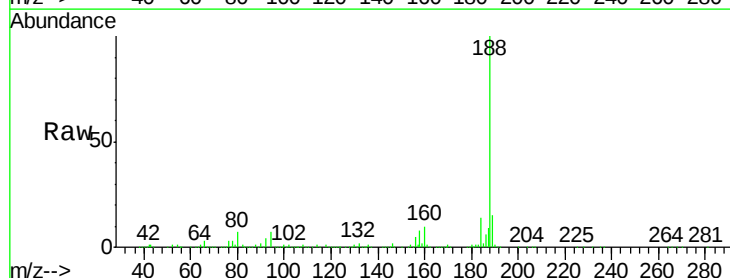
Tgt Ion: 188 Resp: 397830

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

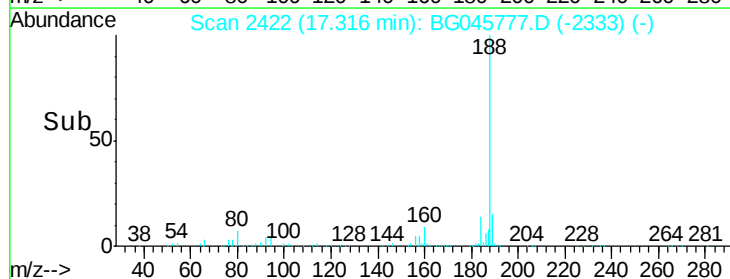
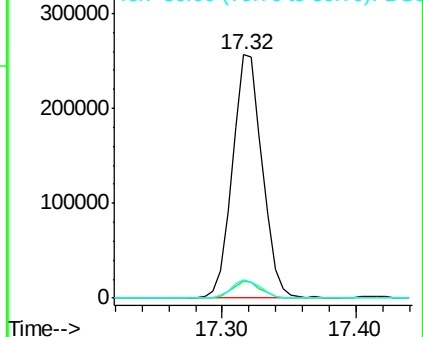
80 7.5 6.2 9.4

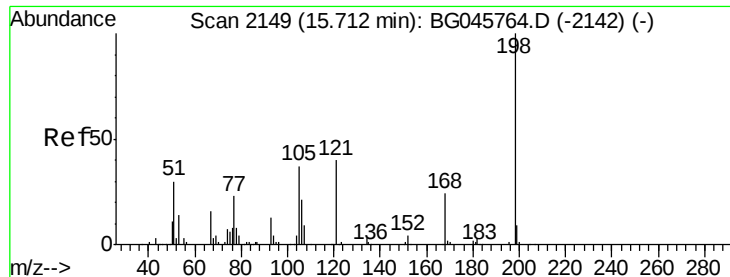


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

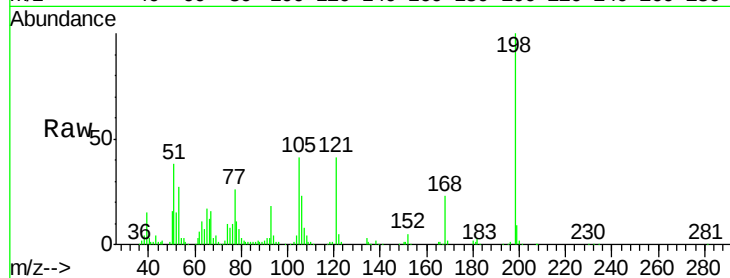




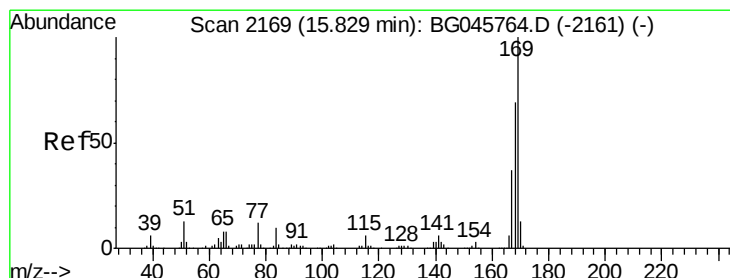
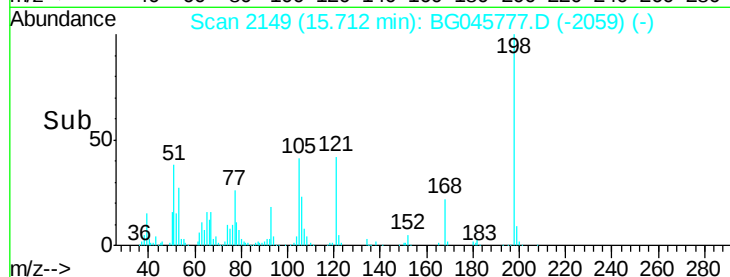
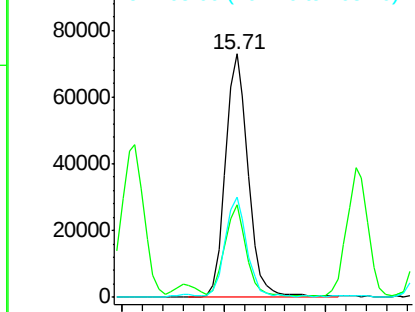
#65
4,6-Dinitro-2-methylphenol
Concen: 46.287 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

Tot Ion:198 Resp: 113801
Ion Ratio Lower Upper
198 100
51 38.1 14.6 54.6
105 41.0 18.4 58.4

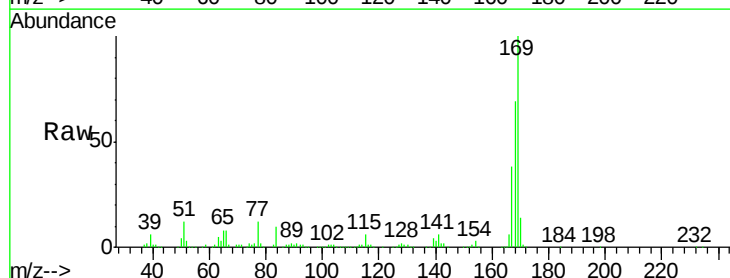


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

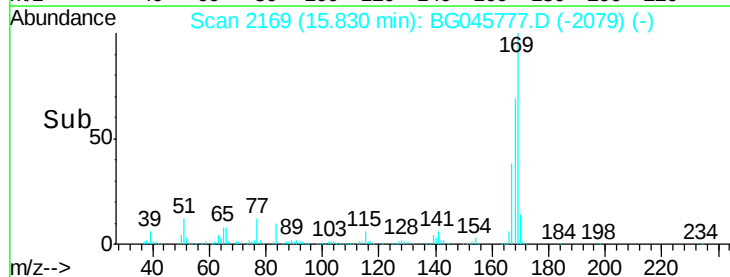
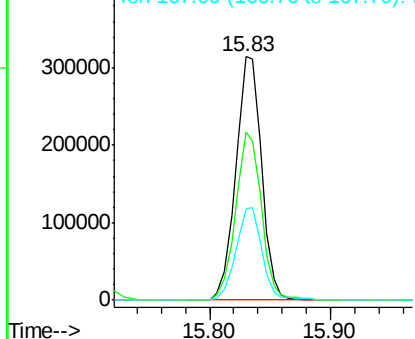


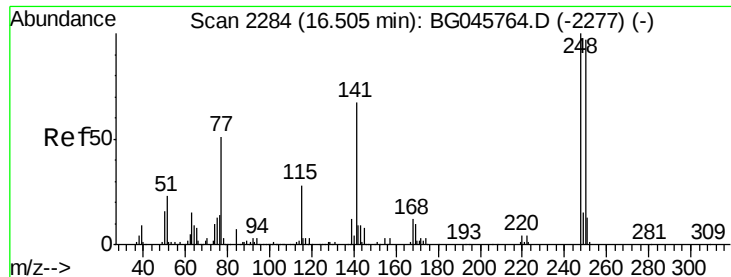
#66
n-Nitrosodiphenylamine
Concen: 41.457 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:169 Resp: 467150
Ion Ratio Lower Upper
169 100
168 69.3 55.2 82.8
167 37.7 29.8 44.6



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

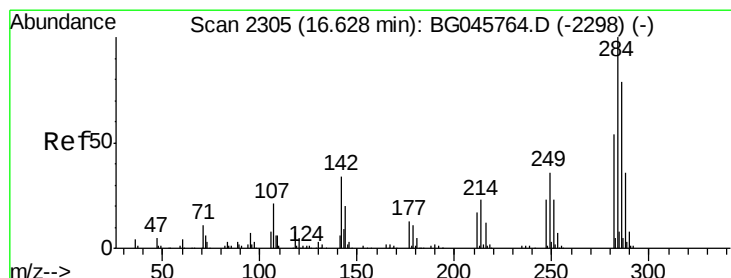
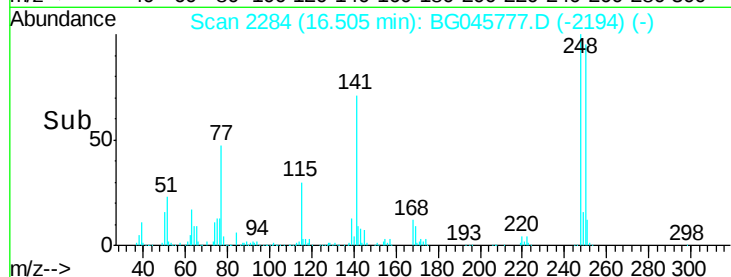
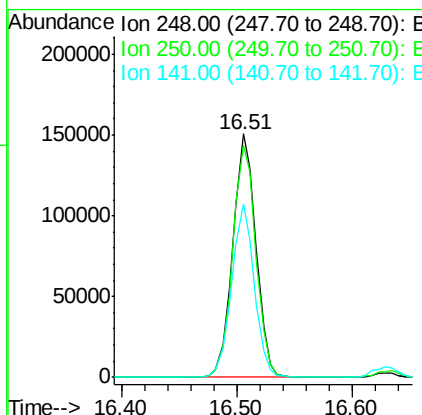
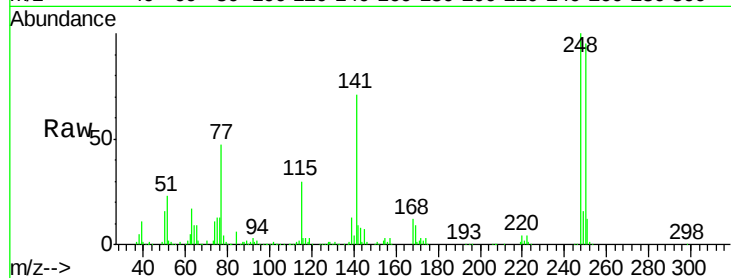




#67
4-Bromophenyl-phenylether
Concen: 40.192 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

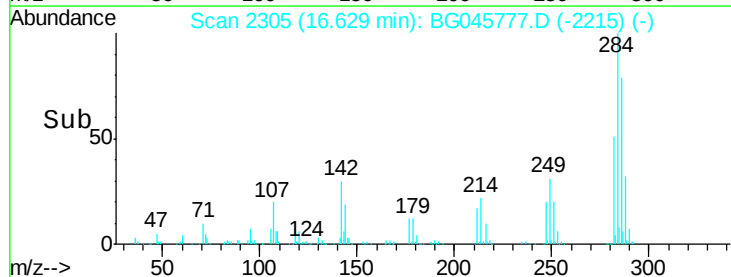
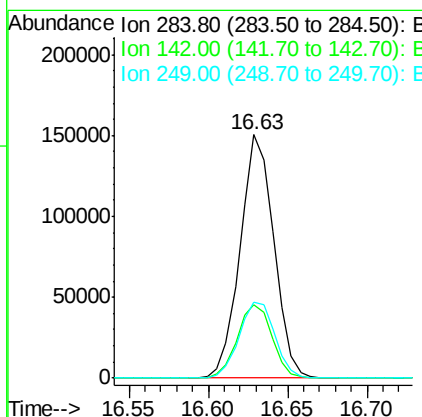
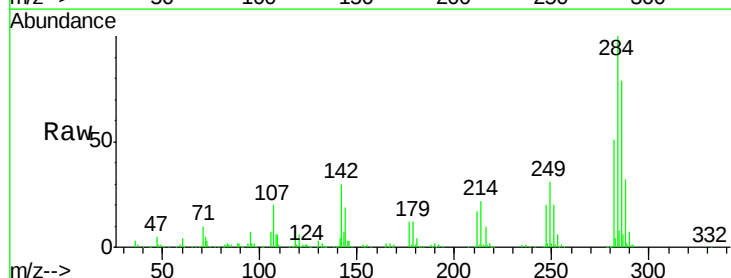
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

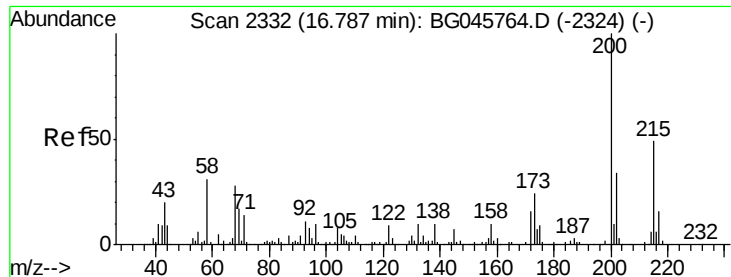
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.0	117.0
141	70.9	53.9	80.9



#68
Hexachlorobenzene
Concen: 41.454 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.9	40.3
249	31.4	28.6	42.8





#69

Atrazine

Concen: 41.070 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

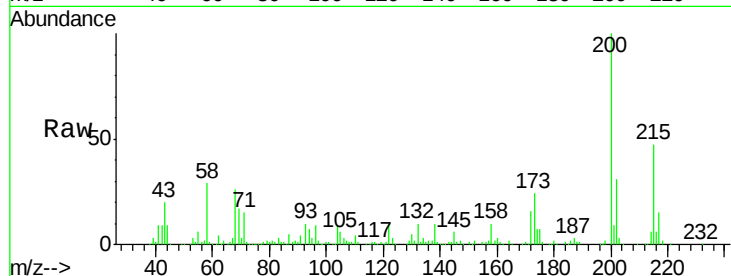
Tot Ion:200 Resp: 179581

Ion Ratio Lower Upper

200 100

173 23.5 3.9 43.9

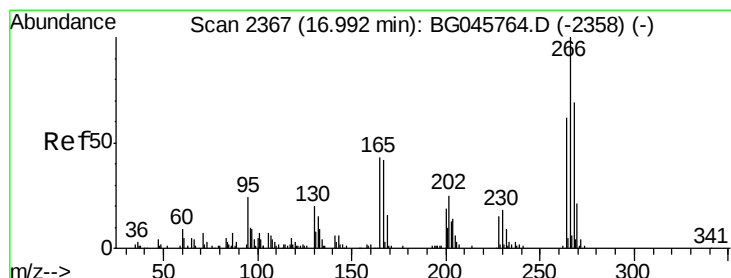
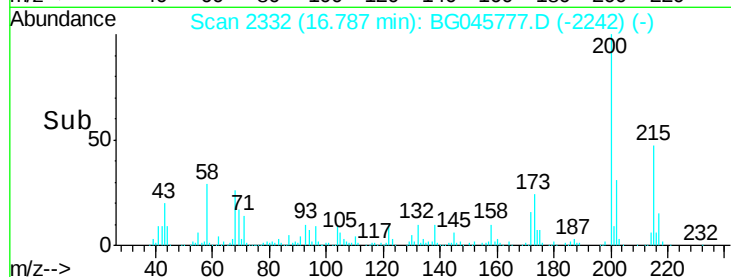
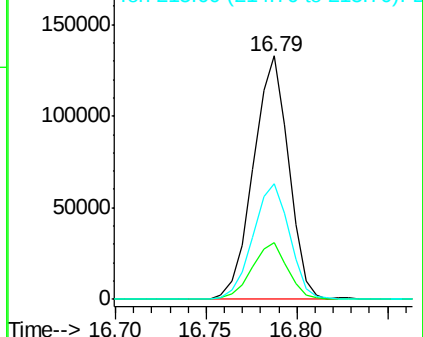
215 47.3 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.805 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

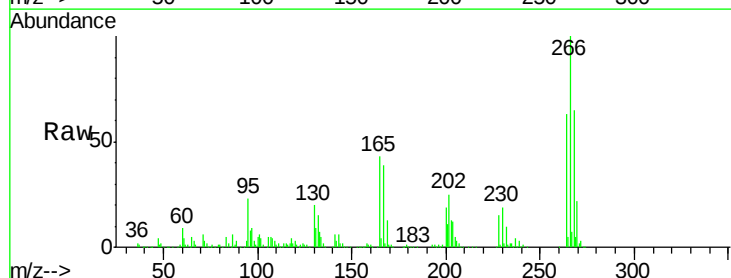
Tgt Ion:266 Resp: 237215

Ion Ratio Lower Upper

266 100

268 64.9 55.4 83.0

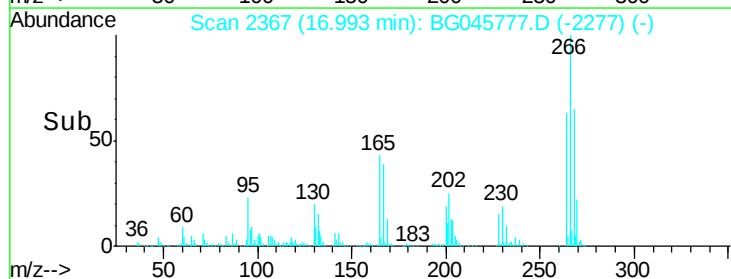
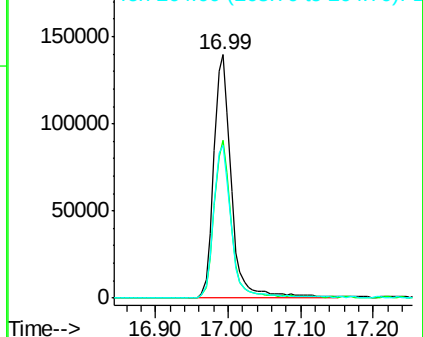
264 62.7 49.8 74.6

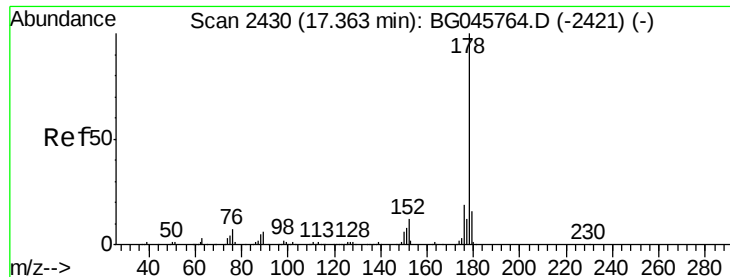


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.720 ng

RT: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

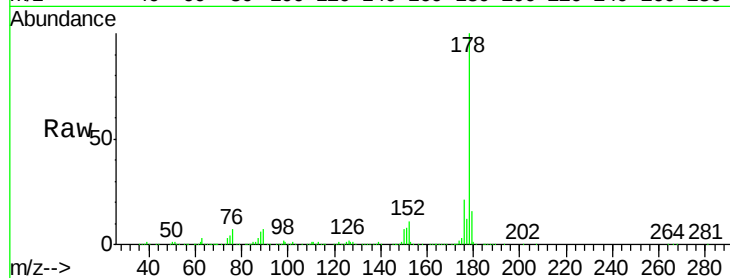
Tot Ion:178 Resp: 855998

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

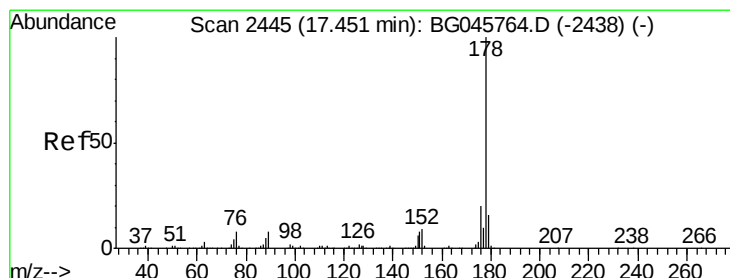
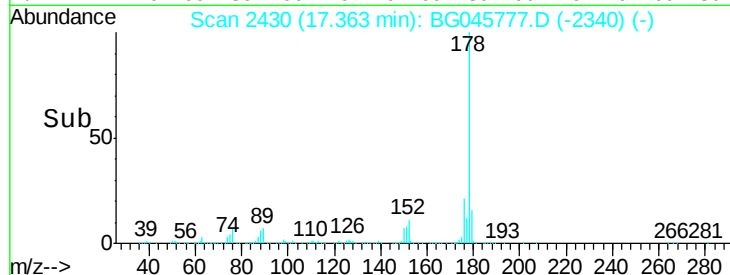
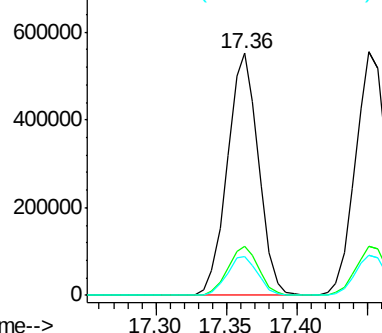
179 16.3 13.2 19.8



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: 42.253 ng

RT: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

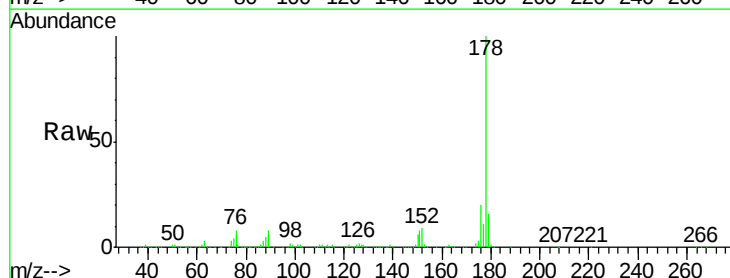
Tgt Ion:178 Resp: 863282

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

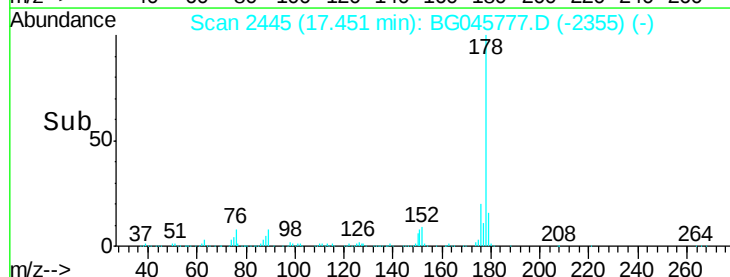
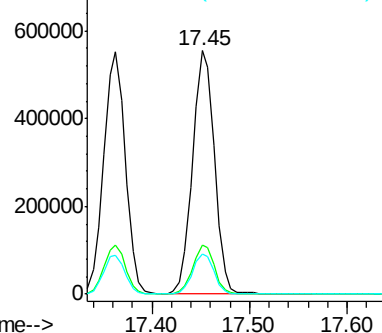
179 16.4 13.1 19.7

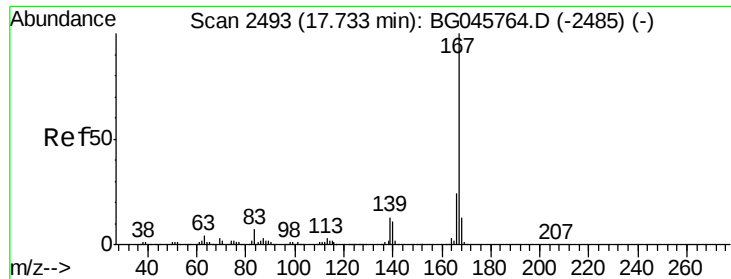


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.685 ng

RT: 17.73 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

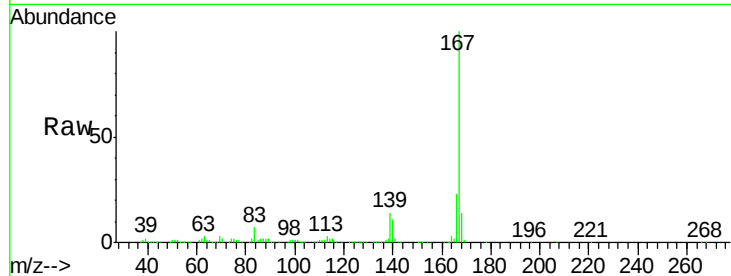
Tot Ion:167 Resp: 791490

Ion Ratio Lower Upper

167 100

166 22.8 18.9 28.3

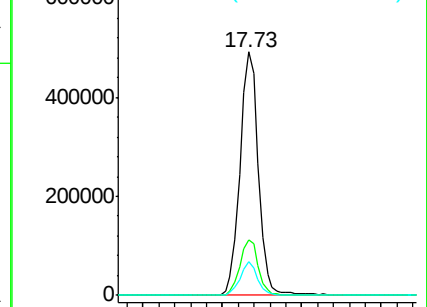
139 13.8 10.6 15.8



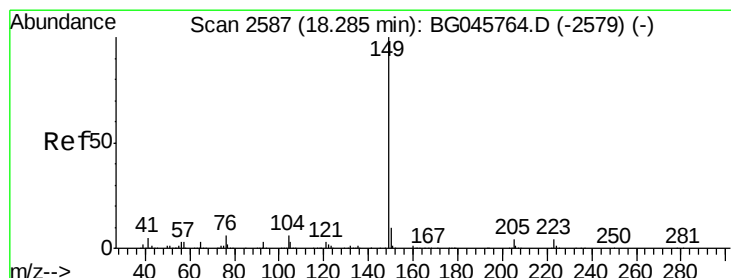
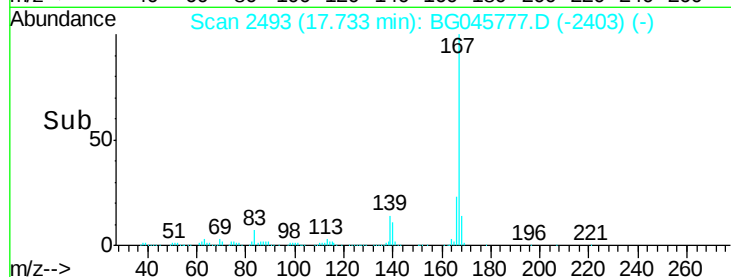
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.568 ng

RT: 18.29 min Scan# 2587

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

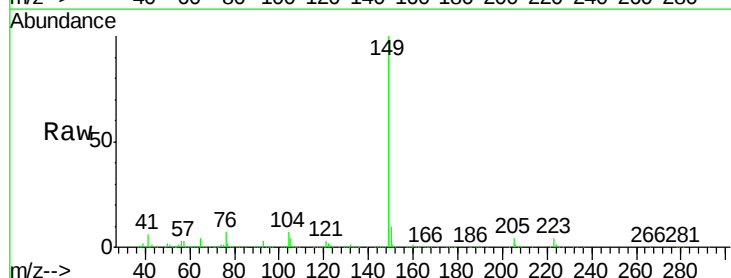
Tgt Ion:149 Resp: 934483

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

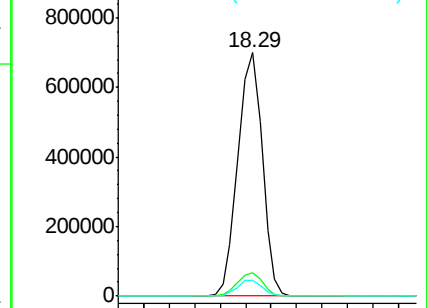
104 6.6 5.1 7.7



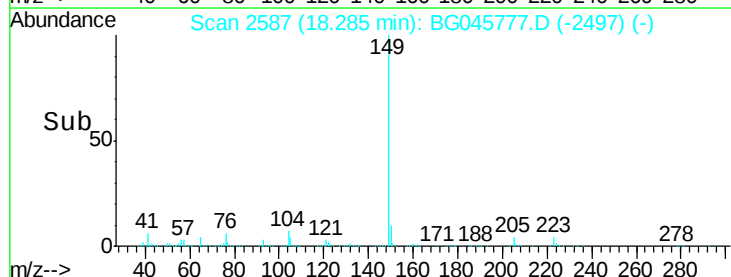
Abundance Ion 149.00 (148.70 to 149.70): E

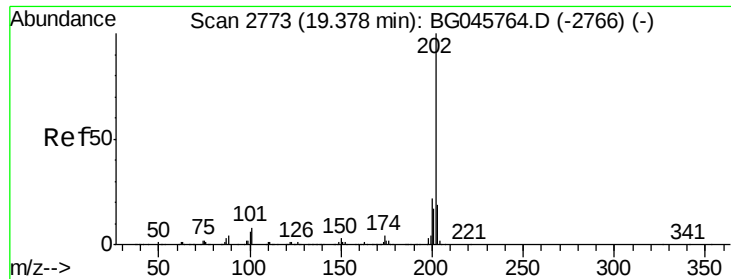
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 41.725 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

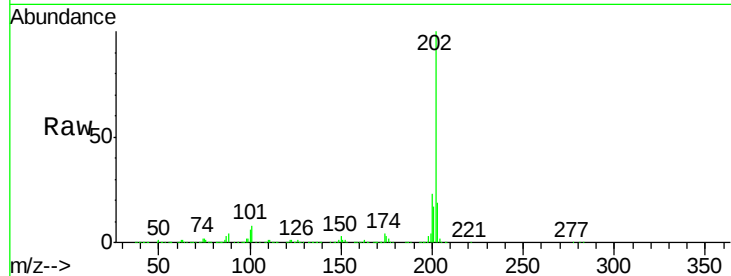
Tot Ion:202 Resp: 1052707

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.7

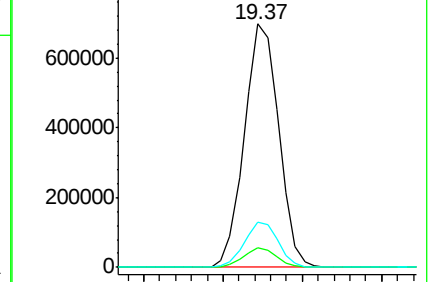
203 18.7 0.0 38.7



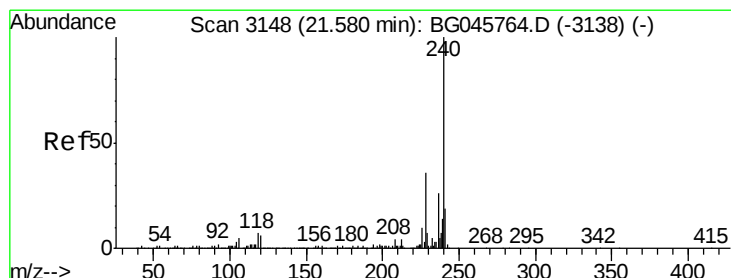
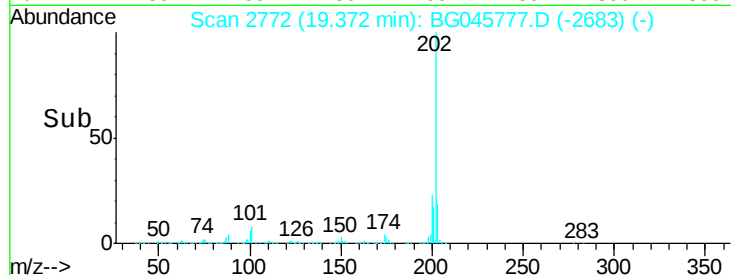
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

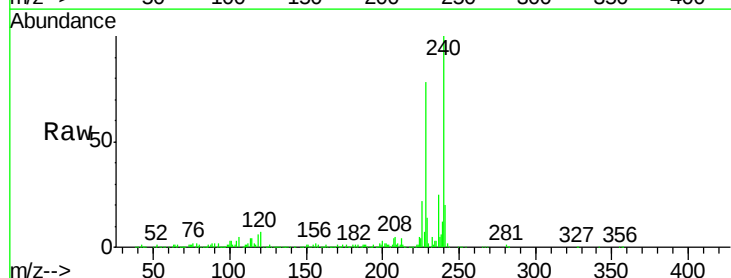
Tgt Ion:240 Resp: 375407

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.4

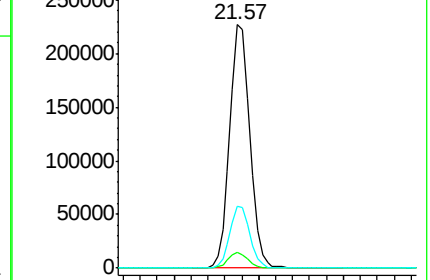
236 25.4 20.6 30.8



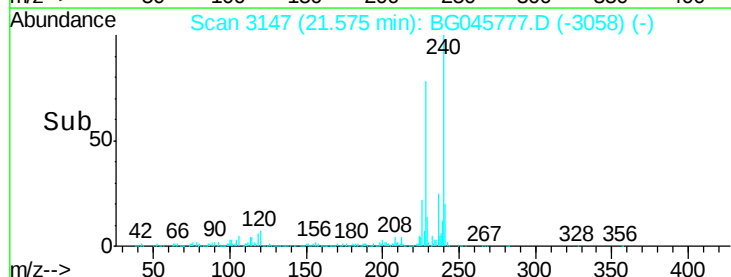
Abundance Ion 240.00 (239.70 to 240.70): E

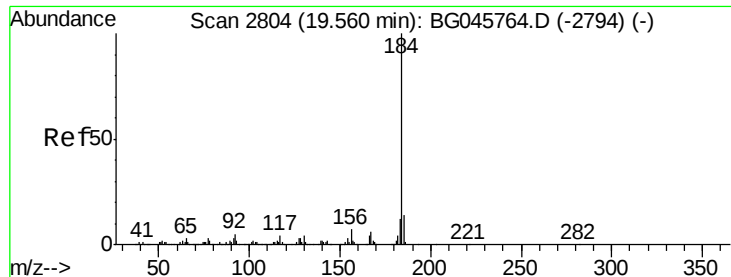
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 24.001 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

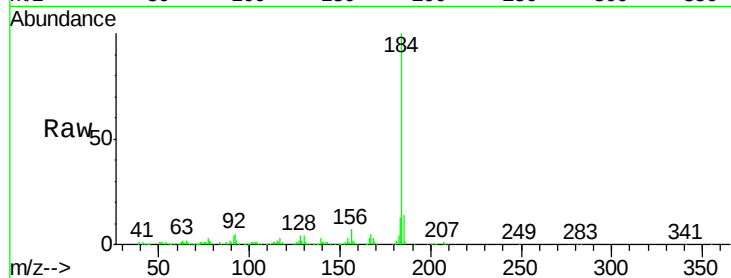
Tot Ion:184 Resp: 234236

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

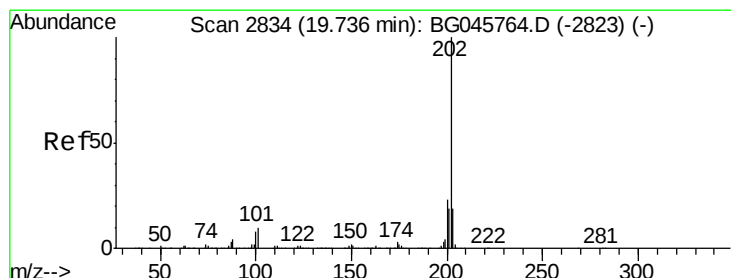
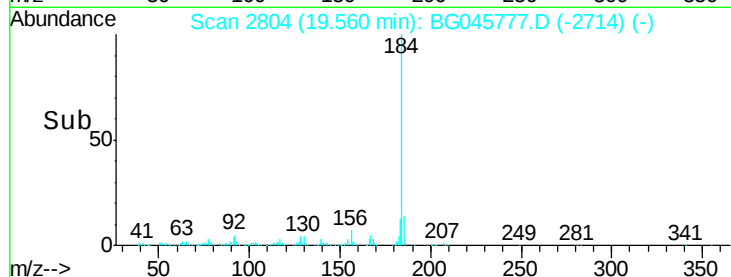
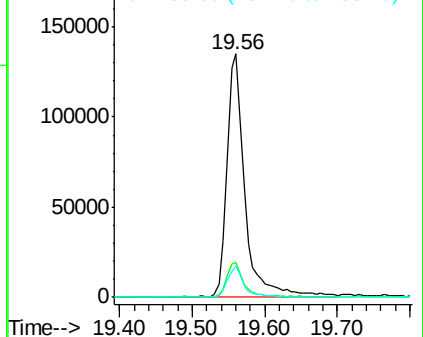
183 12.8 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.029 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

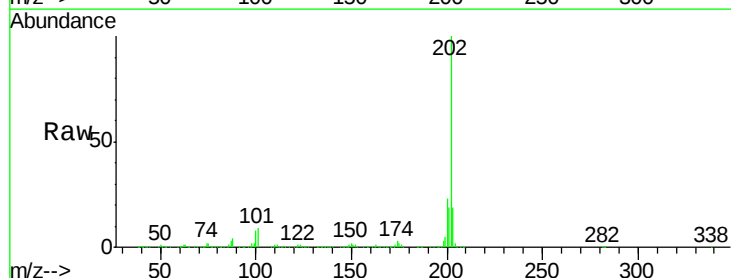
Tgt Ion:202 Resp: 1031407

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

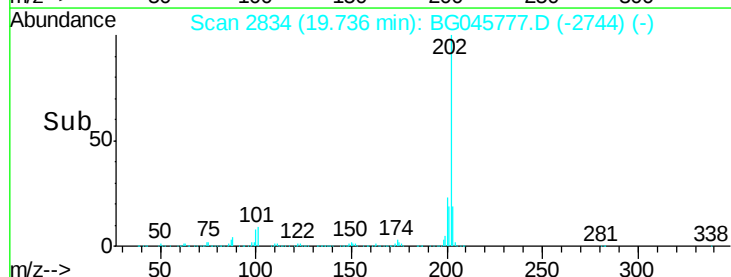
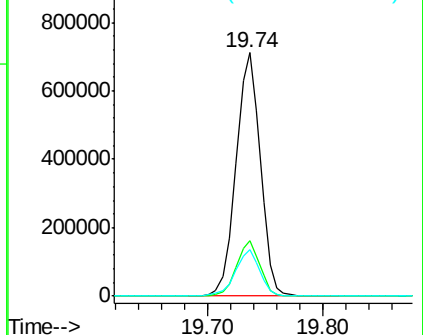
203 19.2 14.8 22.2

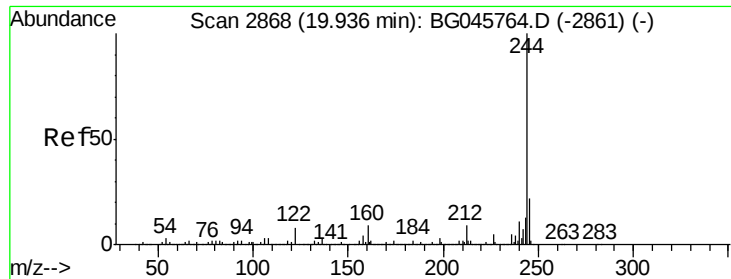


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.742 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

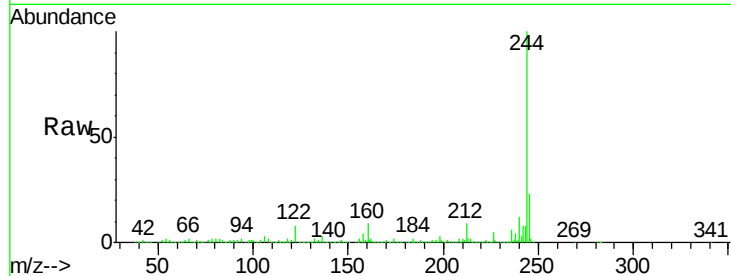
BNA_G

ClientSampleId :

HR-06-061120MS

Tot Ion:244 Resp: 1532707

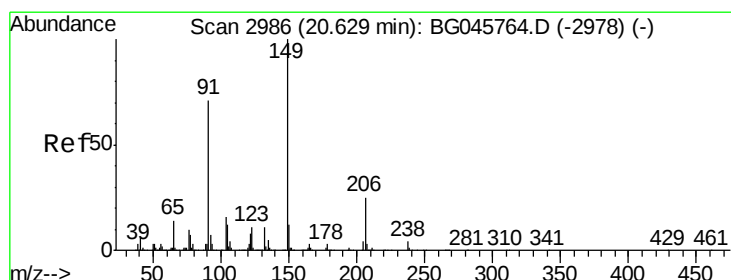
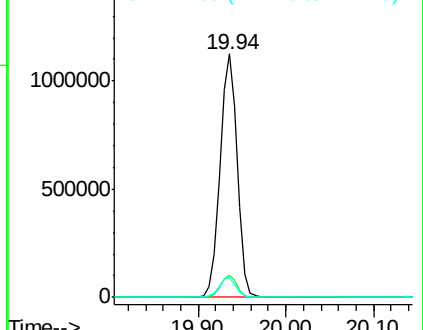
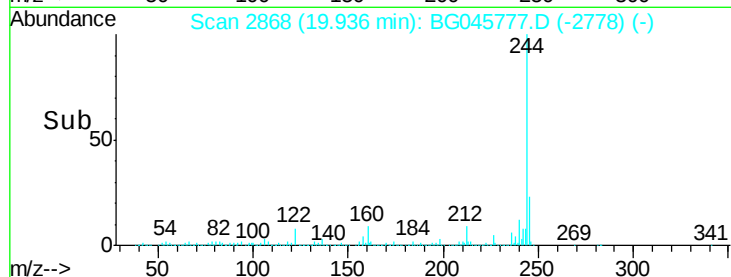
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	8.1	6.4	9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.559 ng

RT: 20.62 min Scan# 2985

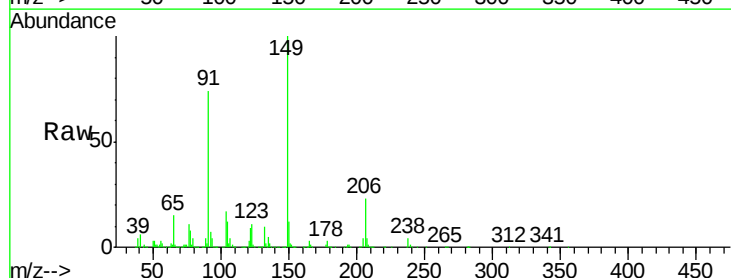
Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Tgt Ion:149 Resp: 426772

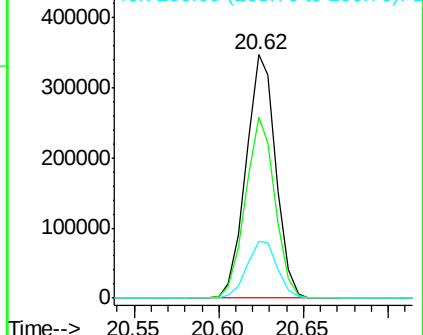
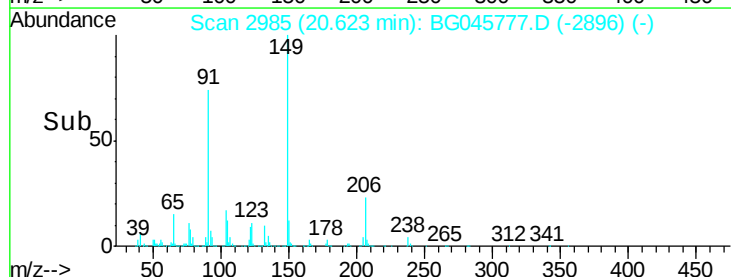
Ion	Ratio	Lower	Upper
149	100		
91	74.3	56.4	84.6
206	23.2	19.8	29.6

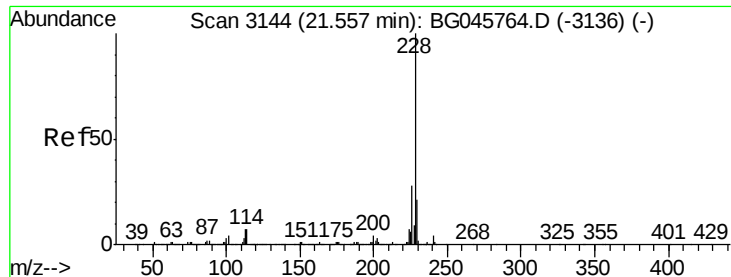


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.115 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

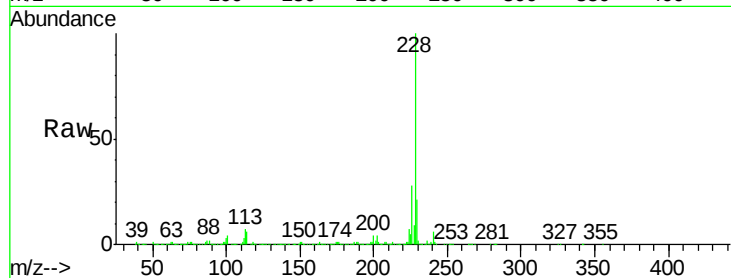
BNA_G

ClientSampleId :

HR-06-061120MS

Tot Ion:228 Resp: 1000692

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.6	16.6	24.8

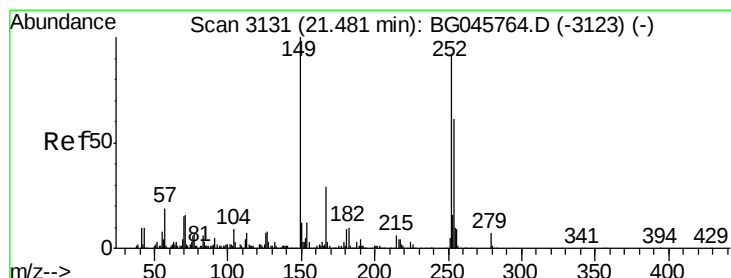
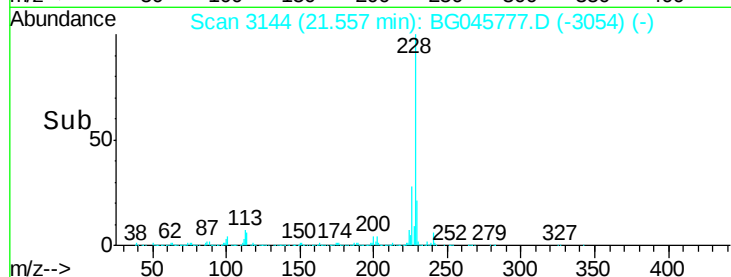
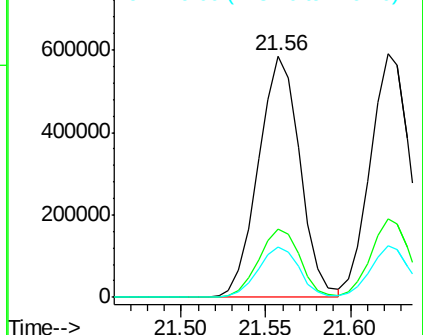


Abundance

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: 15.939 ng

RT: 21.48 min Scan# 3130

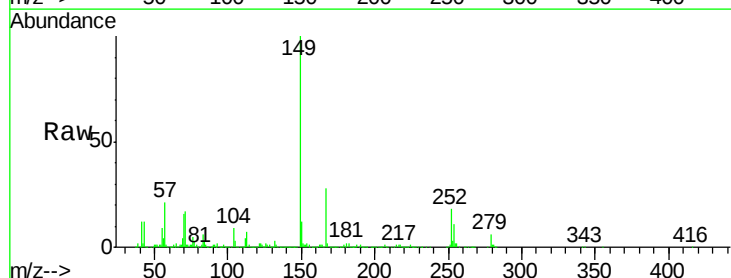
Delta R.T. -0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Tgt Ion:252 Resp: 146737

Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.4	80.0
126	8.9	5.8	8.8

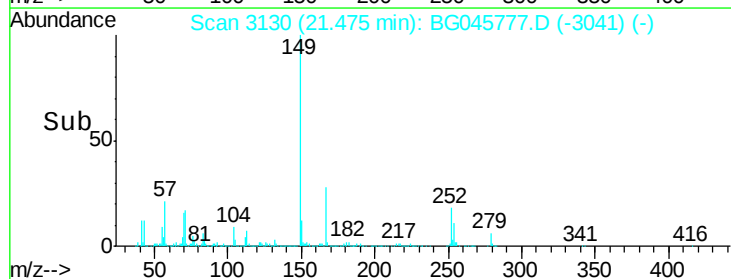
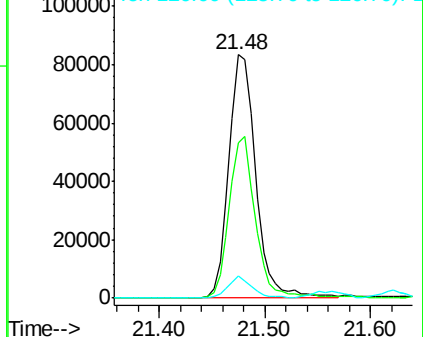


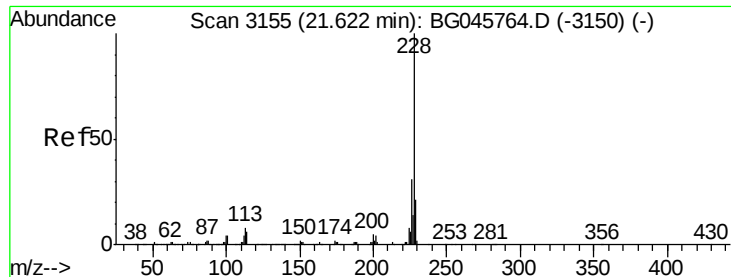
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.715 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

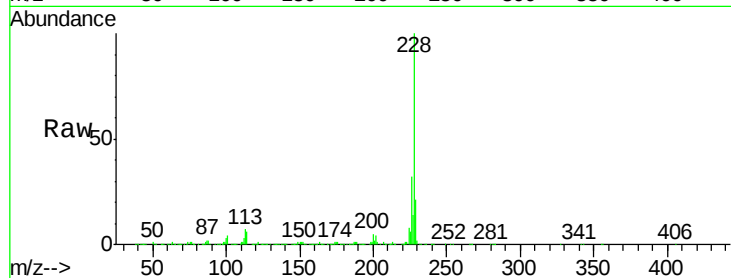
Tot Ion:228 Resp: 958483

Ion Ratio Lower Upper

228 100

226 32.3 25.1 37.7

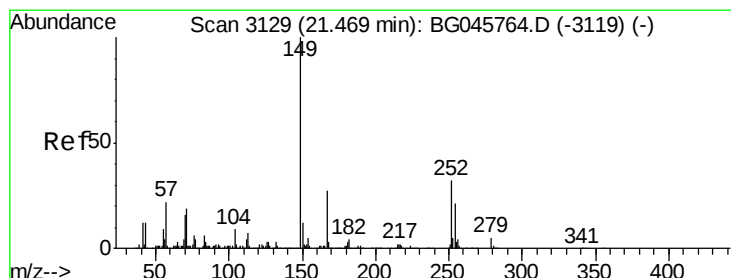
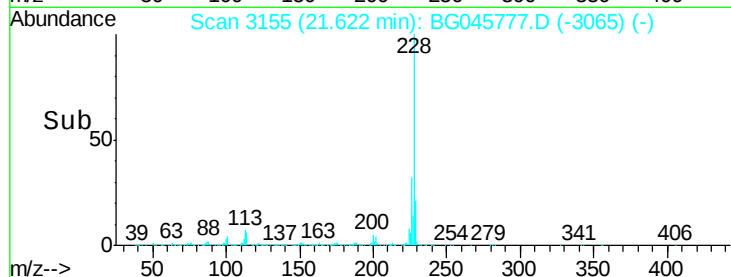
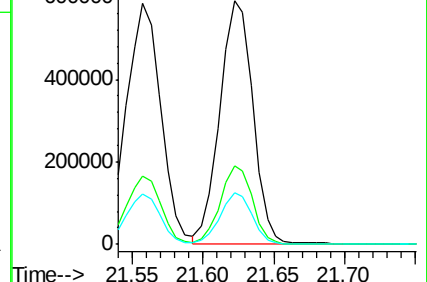
229 21.2 16.4 24.6



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: 46.554 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

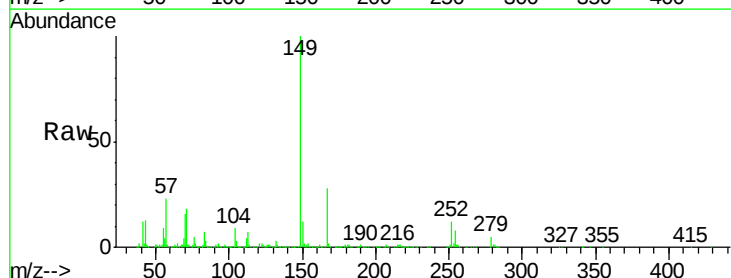
Tgt Ion:149 Resp: 681374

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

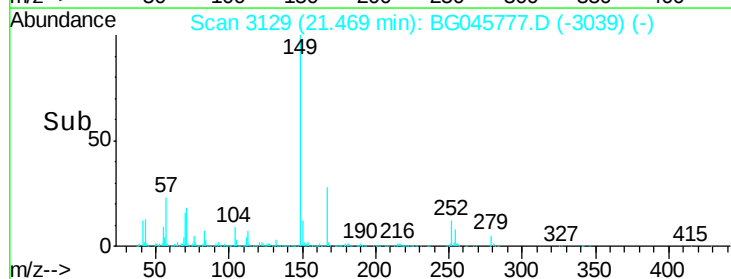
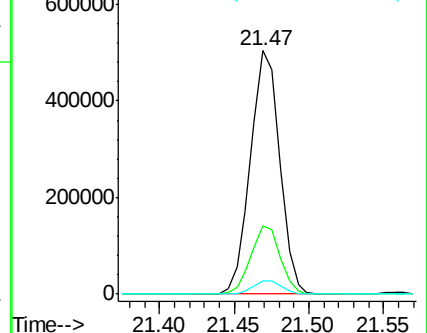
279 5.5 3.7 5.5

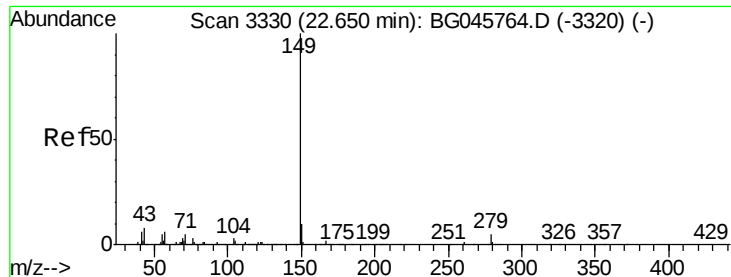


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.234 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

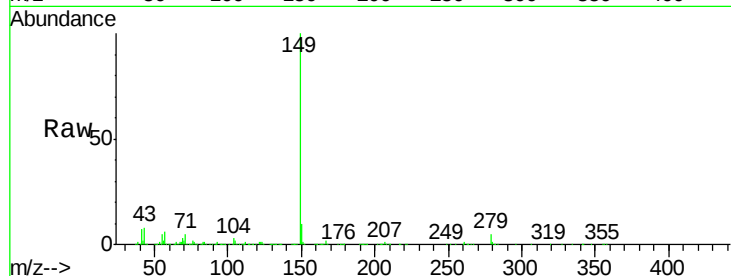
Tot Ion:149 Resp: 1015768

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

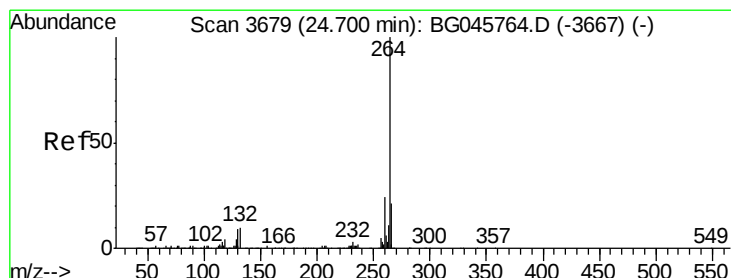
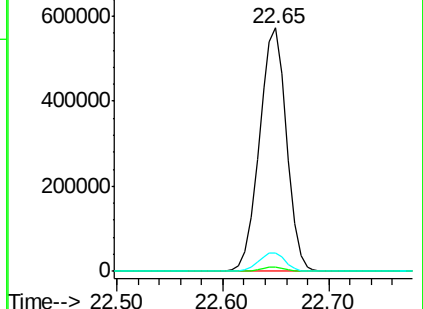
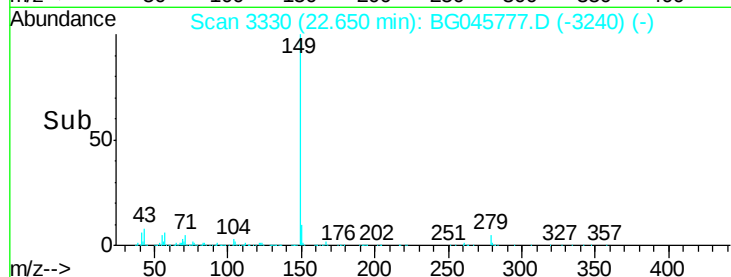
43 7.5 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

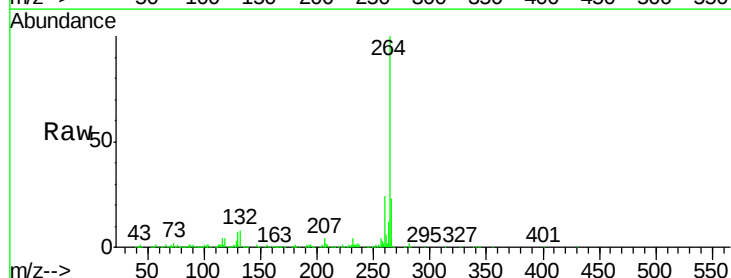
Tgt Ion:264 Resp: 412887

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

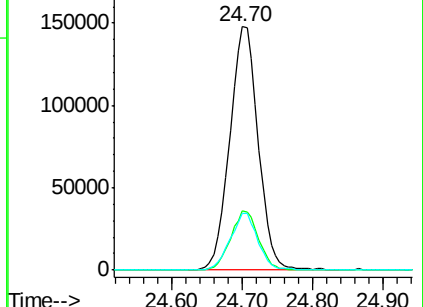
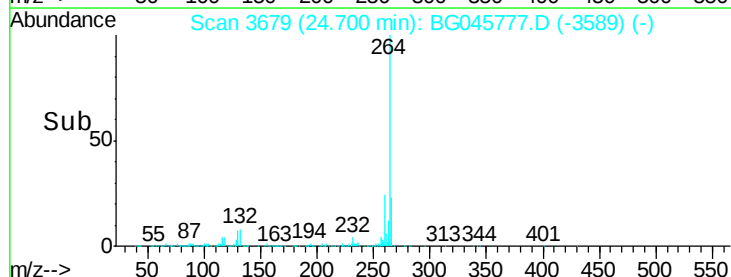
265 23.3 17.4 26.0

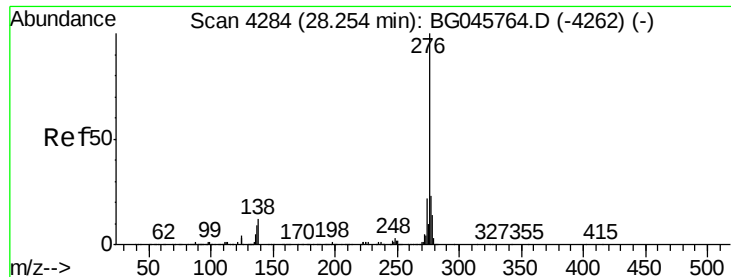


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.851 ng

RT: 28.26 min Scan# 4285

Delta R.T. 0.01 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MS

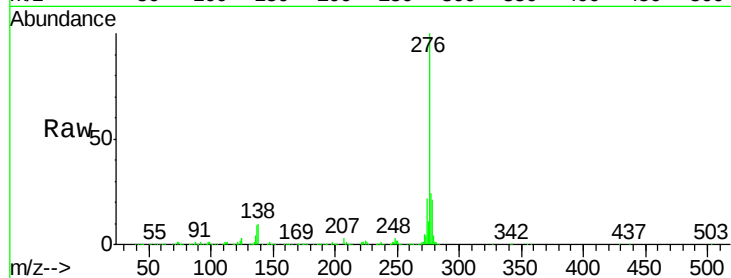
Tot Ion:276 Resp: 1282648

Ion Ratio Lower Upper

276 100

138 9.0 5.4 8.0#

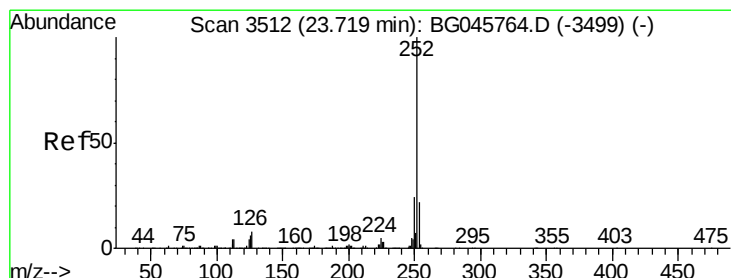
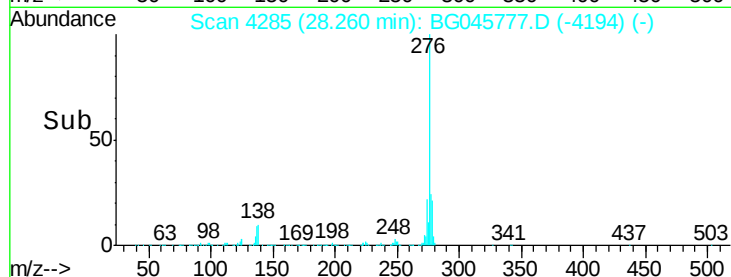
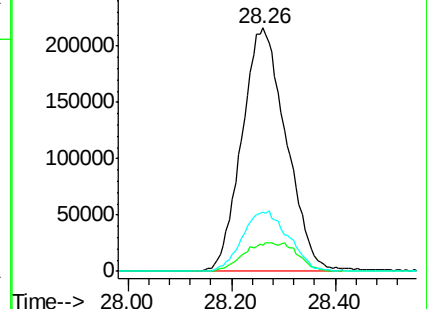
277 25.8 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 42.240 ng

RT: 23.72 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BG045777.D

Acq: 16 Jun 2020 18:01

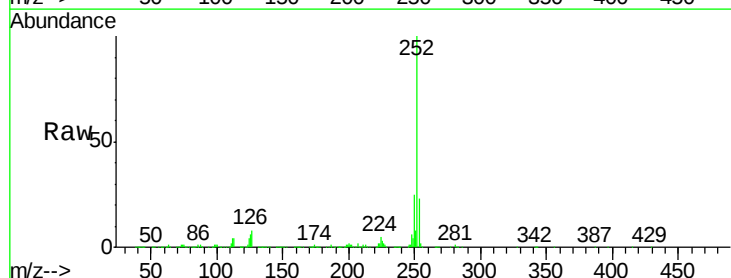
Tgt Ion:252 Resp: 1093494

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

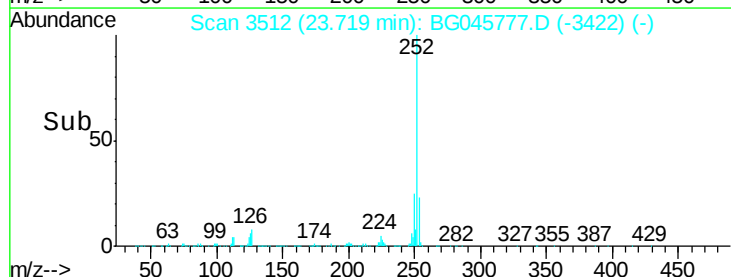
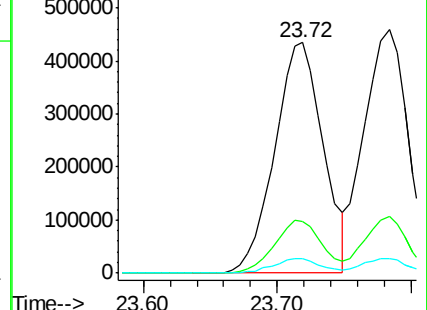
125 6.1 5.0 7.4

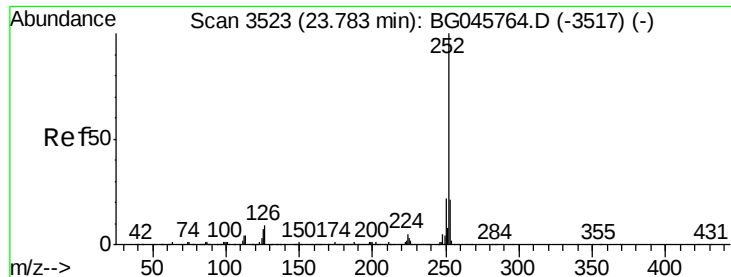


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

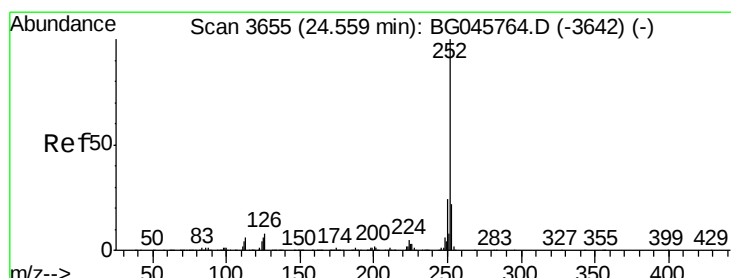
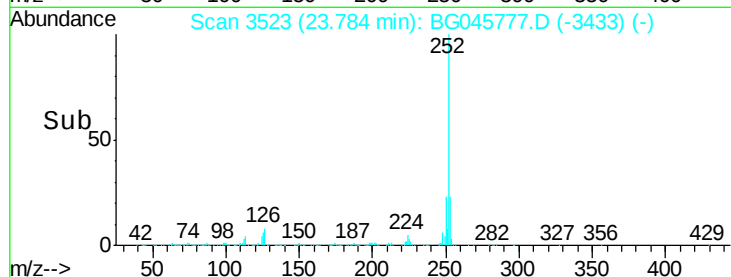
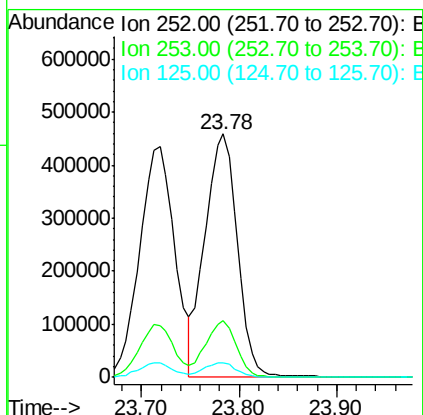
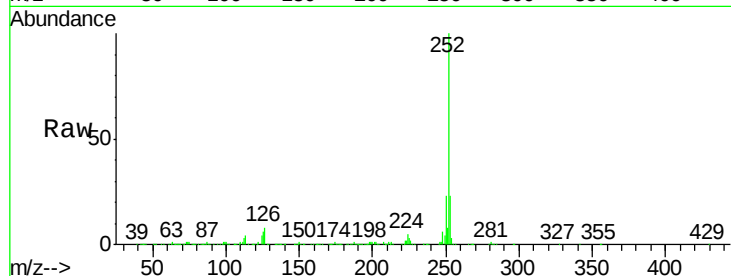




#89
Benzo(k)fluoranthene
Concen: 42.297 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

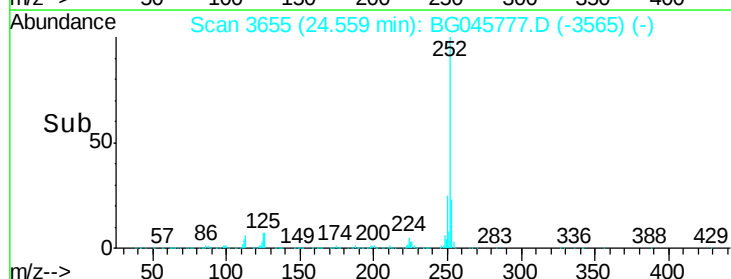
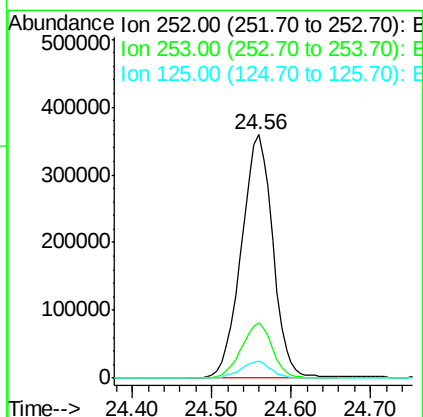
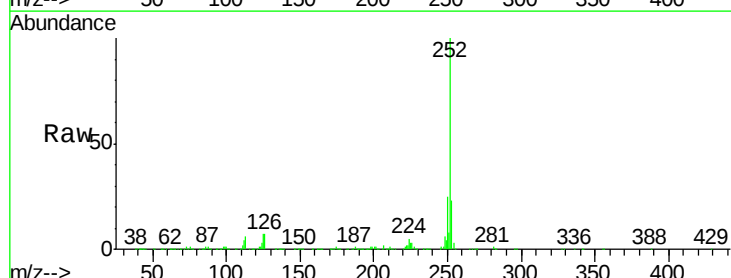
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

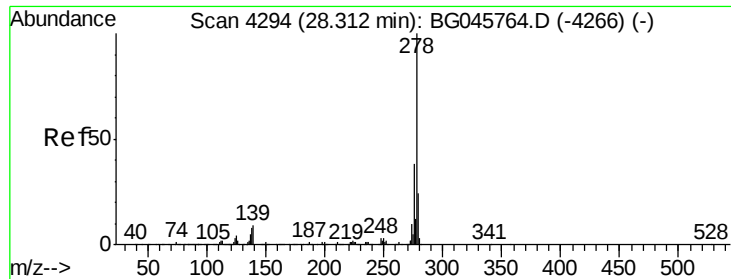
Tot Ion:252 Resp: 1047970
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 6.1 5.2 7.8



#90
Benzo(a)pyrene
Concen: 41.021 ng
RT: 24.56 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:252 Resp: 991984
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 6.9 5.0 7.6

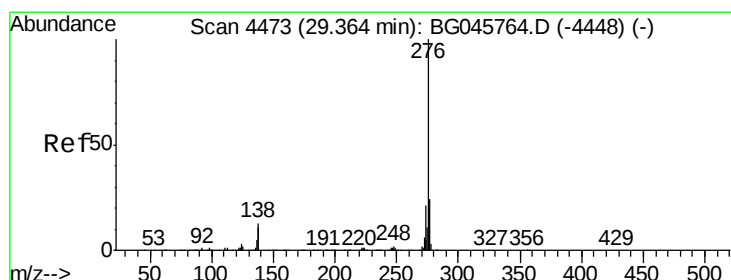
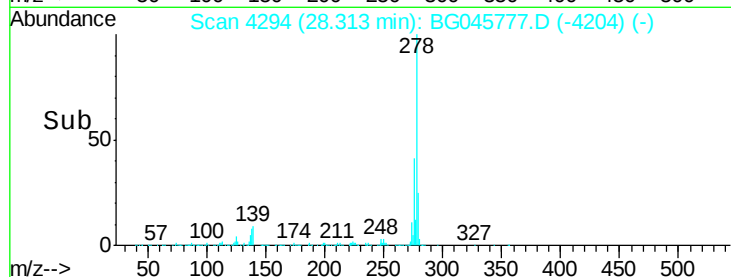
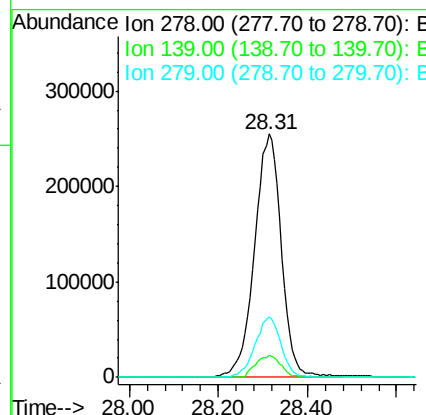
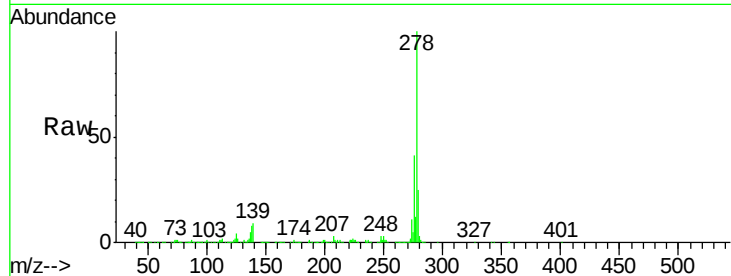




#91
Dibenzo(a,h)anthracene
Concen: 43.699 ng
RT: 28.31 min Scan# 4294
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MS

Tot Ion:278 Resp: 1048903
Ion Ratio Lower Upper
278 100
139 9.2 7.3 10.9
279 24.8 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 43.706 ng
RT: 29.36 min Scan# 4473
Delta R.T. 0.00 min
Lab File: BG045777.D
Acq: 16 Jun 2020 18:01

Tgt Ion:276 Resp: 1050035
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 11.5 10.6 15.8

