

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046617.D
 Acq On : 14 Sep 2020 23:33
 Operator : CG/JU
 Sample : L3976-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

Quant Time: Sep 15 01:28:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72579	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	291042	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	206354	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	498846	20.00	ng	0.00
76) Chrysene-d12	21.55	240	498262	20.00	ng	0.00
86) Perylene-d12	24.64	264	509438	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	426270	104.03	ng	0.00
7) Phenol-d6	7.10	99	526496	90.63	ng	0.00
23) Nitrobenzene-d5	9.08	82	396497	77.86	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	291455	104.24	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1011203	74.81	ng	0.00
79) Terphenyl-d14	19.91	244	1661047	70.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	60714	35.613	ng	# 30
3) Pyridine	3.83	79	155562	31.187	ng	98
4) n-Nitrosodimethylamine	3.73	42	71847	39.054	ng	100
6) Aniline	7.25	93	148980	22.791	ng	100
8) 2-Chlorophenol	7.50	128	195981	45.251	ng	99
9) Benzaldehyde	7.06	77	77595	23.842	ng	95
10) Phenol	7.13	94	209713	39.196	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	182333	42.396	ng	99
12) 1,3-Dichlorobenzene	7.81	146	210028	38.196	ng	98
13) 1,4-Dichlorobenzene	7.96	146	213279	38.744	ng	99
14) 1,2-Dichlorobenzene	8.28	146	208493	39.500	ng	99
15) Benzyl Alcohol	8.17	79	169376	45.415	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	267058	40.033	ng	100
17) 2-Methylphenol	8.37	107	164859	43.447	ng	97
18) Hexachloroethane	9.01	117	70419	37.728	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	150531	43.322	ng	99
20) 3+4-Methylphenols	8.70	107	229600	43.839	ng	98
22) Acetophenone	8.74	105	286863	40.491	ng	# 99
24) Nitrobenzene	9.13	77	212928	42.325	ng	99
25) Isophorone	9.65	82	415167	44.470	ng	99
26) 2-Nitrophenol	9.84	139	116489	43.888	ng	98
27) 2,4-Dimethylphenol	9.90	122	187060	51.240	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	255387	42.501	ng	99
29) 2,4-Dichlorophenol	10.38	162	218648	44.928	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	225221	39.004	ng	99
31) Naphthalene	10.77	128	594601	41.842	ng	99
32) Benzoic acid	10.05	122	56623	26.030	ng	98
33) 4-Chloroaniline	10.89	127	47736	7.618	ng	99
34) Hexachlorobutadiene	11.06	225	141700	37.803	ng	97
35) Caprolactam	11.65	113	36501	20.065	ng	97
36) 4-Chloro-3-methylphenol	12.02	107	215516	45.278	ng	95
37) 2-Methylnaphthalene	12.38	142	473944	42.288	ng	100
38) 1-Methylnaphthalene	12.60	142	446678	42.076	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	282511	41.516	ng	99

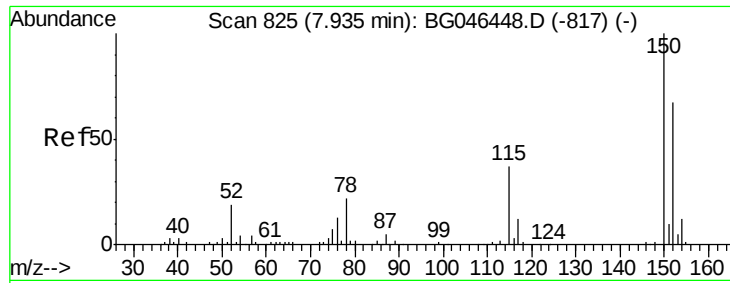
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046617.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	285074	96.345	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	190575	41.501	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	208146	43.141	ng	99
46) 1,1'-Biphenyl	13.39	154	622409	43.352	ng	100
47) 2-Chloronaphthalene	13.43	162	494935	40.659	ng	99
48) 2-Nitroaniline	13.63	65	137543	40.692	ng	98
49) Acenaphthylene	14.28	152	786554	42.597	ng	99
50) Dimethylphthalate	14.01	163	664045	41.595	ng	100
51) 2,6-Dinitrotoluene	14.13	165	154327	43.854	ng	95
52) Acenaphthene	14.62	154	476942	41.682	ng	98
53) 3-Nitroaniline	14.46	138	77436	20.314	ng	98
54) 2,4-Dinitrophenol	14.67	184	163383	79.538	ng	97
55) Dibenzofuran	14.95	168	775874	42.252	ng	98
56) 4-Nitrophenol	14.78	139	206560	73.628	ng	99
57) 2,4-Dinitrotoluene	14.92	165	217820	43.409	ng	98
58) Fluorene	15.61	166	648998	42.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	199753	42.635	ng	98
60) Diethylphthalate	15.38	149	644780	41.424	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	350678	41.314	ng	97
62) 4-Nitroaniline	15.62	138	148252	36.859	ng	97
63) Azobenzene	15.89	77	542639	42.857	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	132335	46.869	ng	100
66) n-Nitrosodiphenylamine	15.81	169	586793	43.602	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	248007	42.614	ng	99
68) Hexachlorobenzene	16.62	284	261476	40.567	ng	97
69) Atrazine	16.76	200	184199	33.551	ng	99
70) Pentachlorophenol	16.96	266	280894	83.410	ng	99
71) Phenanthrene	17.34	178	1058476	41.862	ng	100
72) Anthracene	17.43	178	1083218	43.421	ng	99
73) Carbazole	17.70	167	1007716	42.783	ng	100
74) Di-n-butylphthalate	18.27	149	1108512	40.928	ng	99
75) Fluoranthene	19.35	202	1344865	41.331	ng	99
77) Benzidine	19.54	184	58779	5.077	ng	96
78) Pyrene	19.71	202	1346747	42.446	ng	100
80) Butylbenzylphthalate	20.60	149	507650	41.019	ng	95
81) Benzo(a)anthracene	21.53	228	1282576	41.298	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	286074	24.821	ng	99
83) Chrysene	21.59	228	1235672	41.363	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	712983	42.215	ng	99
85) Di-n-octyl phthalate	22.62	149	1246557	43.105	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1561051	42.665	ng	100
88) Benzo(b)fluoranthene	23.67	252	1368750	43.029	ng	98
89) Benzo(k)fluoranthene	23.74	252	1310626	42.632	ng	99
90) Benzo(a)pyrene	24.50	252	1226681	41.322	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1270589	43.033	ng	100
92) Benzo(g,h,i)perylene	29.25	276	1290716	43.776	ng	99

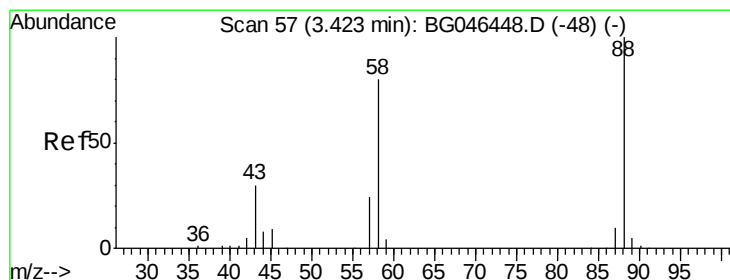
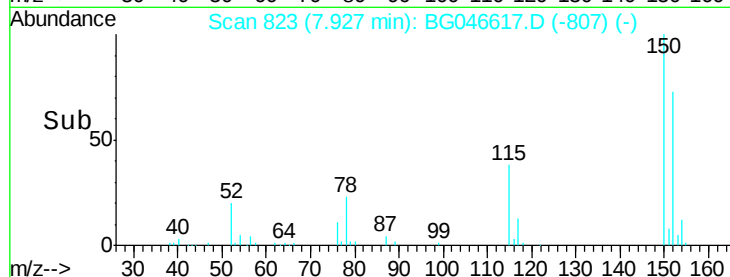
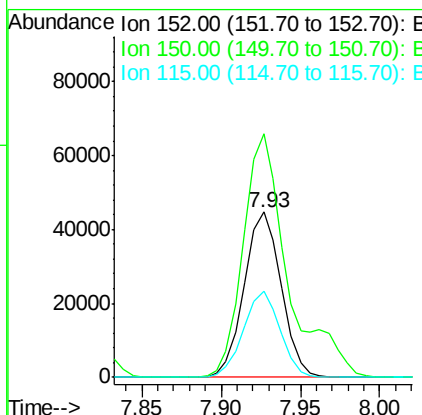
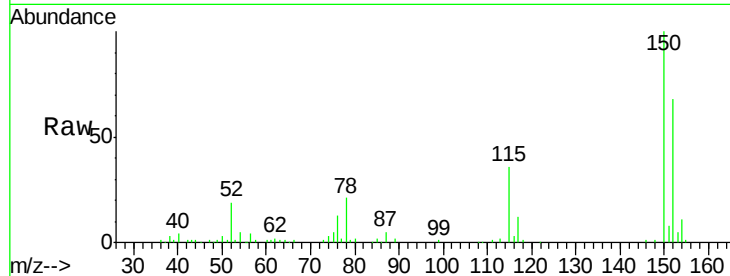
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

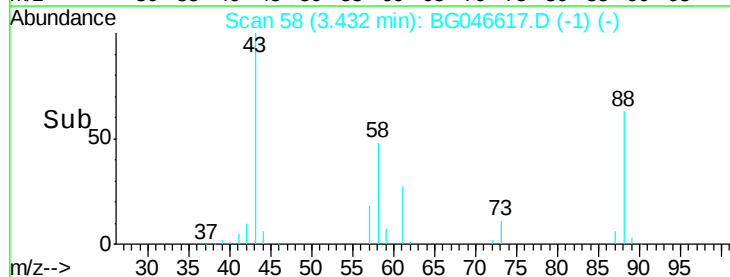
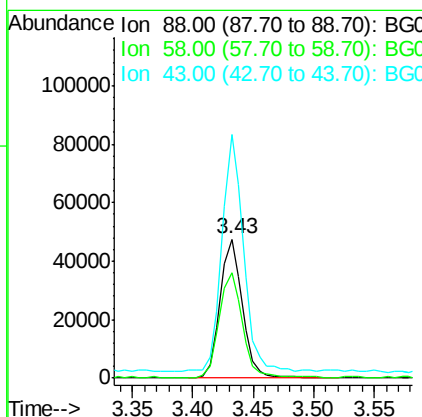
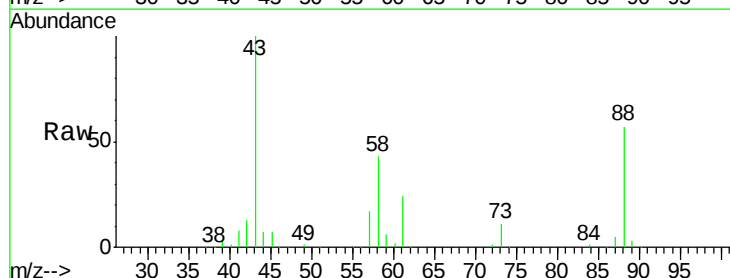
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

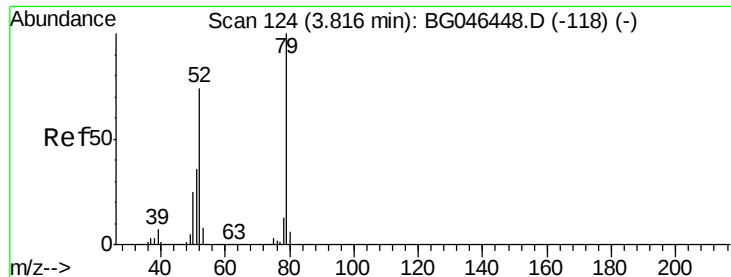
Tot Ion:152 Resp: 72579
 Ion Ratio Lower Upper
 152 100
 150 147.6 119.5 179.3
 115 52.6 44.3 66.5



#2
 1,4-Dioxane
 Concen: 35.613 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion: 88 Resp: 60714
 Ion Ratio Lower Upper
 88 100
 58 78.7 61.4 92.2
 43 162.3 21.6 32.4#





#3

Pvridine

Concen: 31.187 ng

RT: 3.83 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

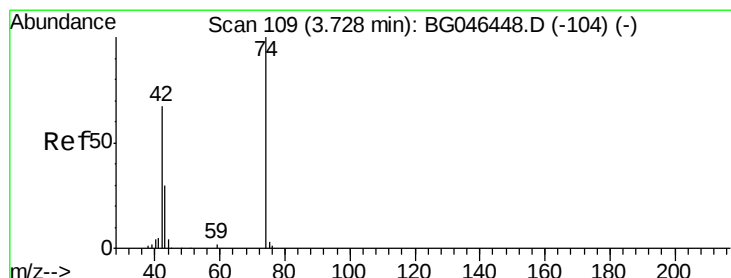
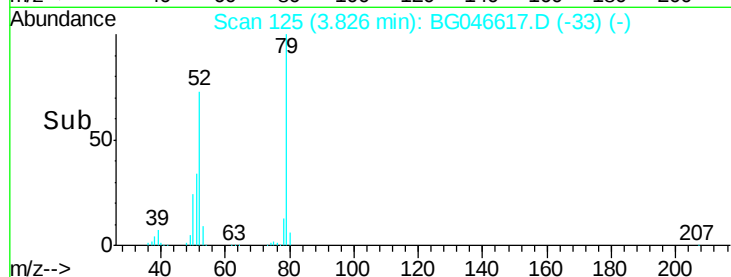
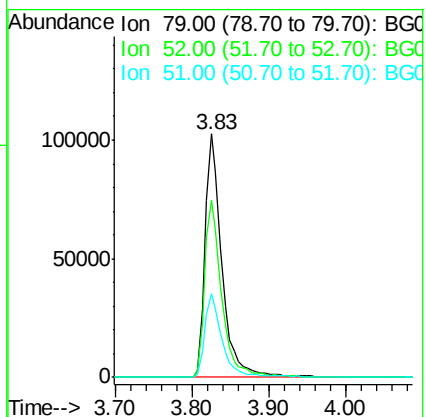
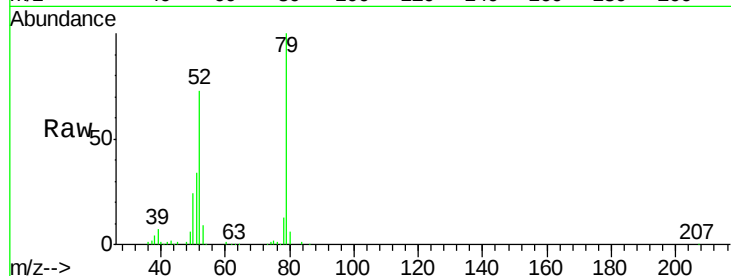
Tot Ion: 79 Resp: 155562

Ion Ratio Lower Upper

79 100

52 72.8 59.1 88.7

51 34.2 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 39.054 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

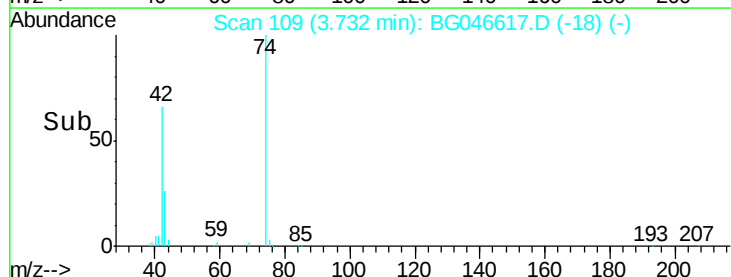
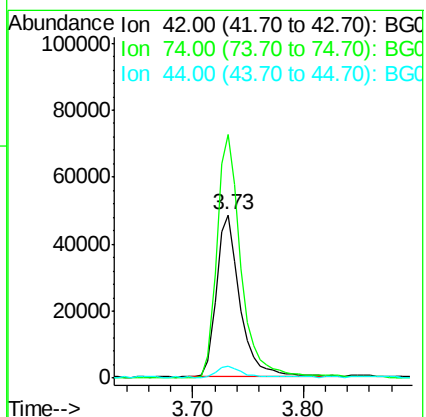
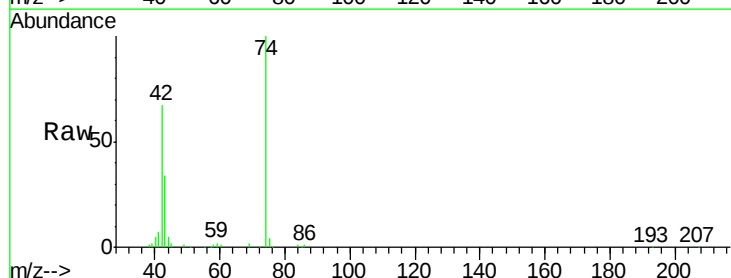
Tgt Ion: 42 Resp: 71847

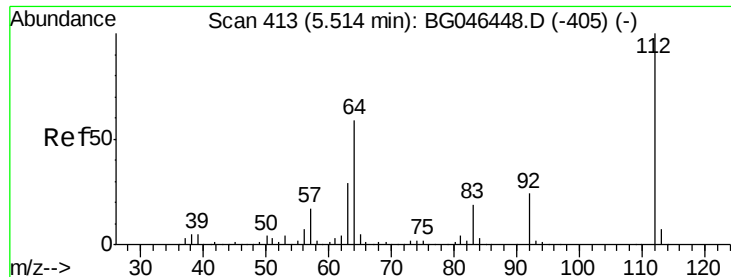
Ion Ratio Lower Upper

42 100

74 149.0 119.5 179.3

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 104.025 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

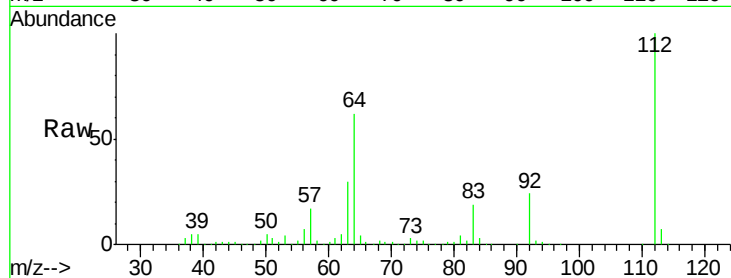
Tot Ion:112 Resp: 426270

Ion Ratio Lower Upper

112 100

64 61.8 47.0 70.6

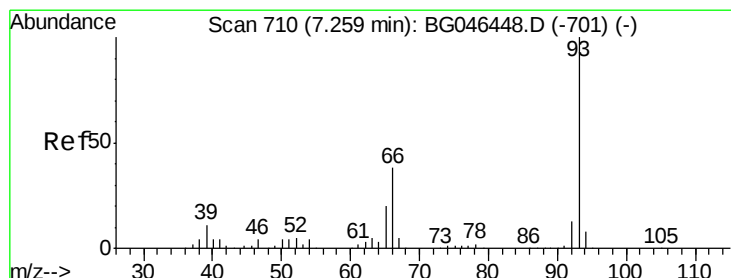
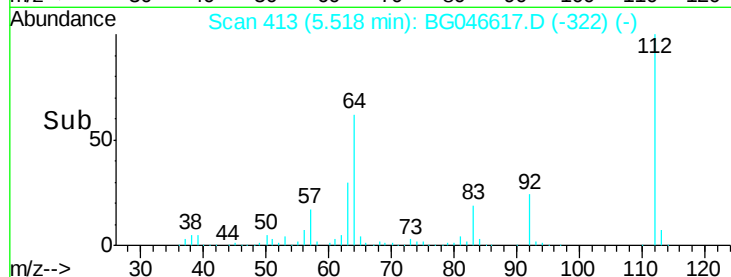
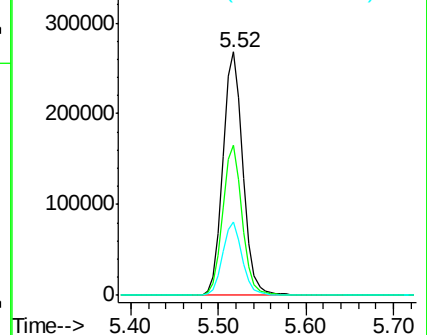
63 30.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.791 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

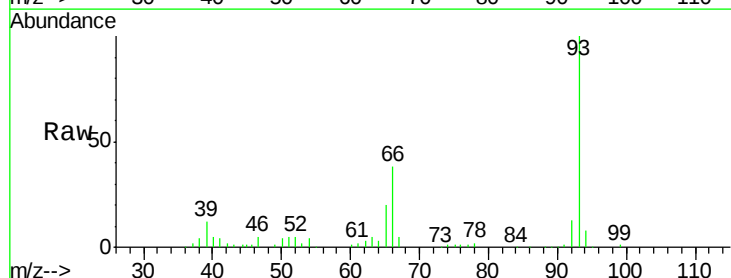
Tgt Ion: 93 Resp: 148980

Ion Ratio Lower Upper

93 100

66 37.8 30.4 45.6

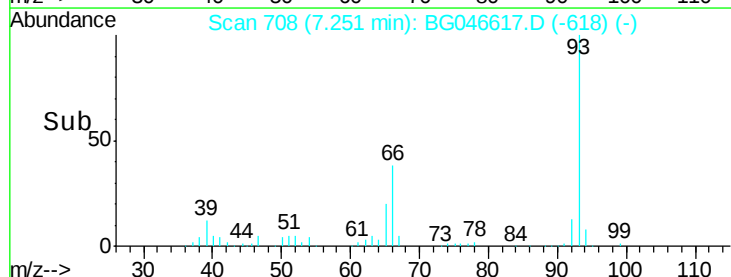
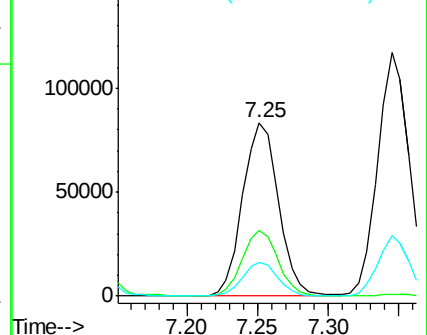
65 19.7 15.8 23.6

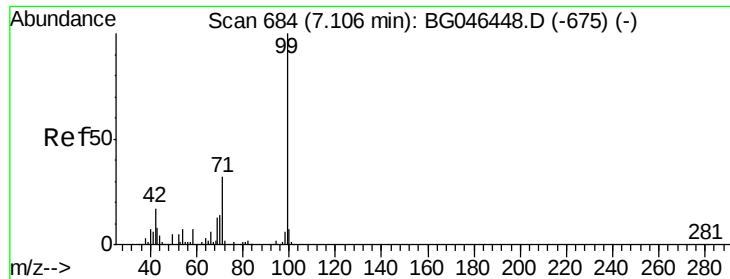


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.634 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

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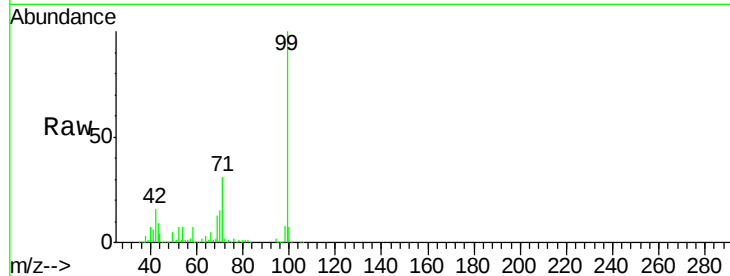
Tot Ion: 99 Resp: 526496

Ion Ratio Lower Upper

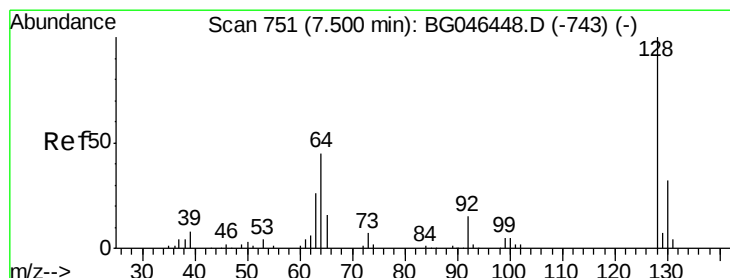
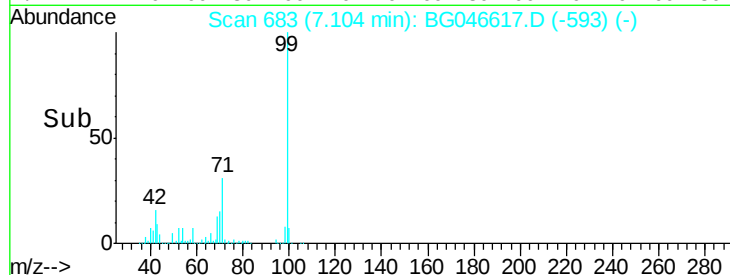
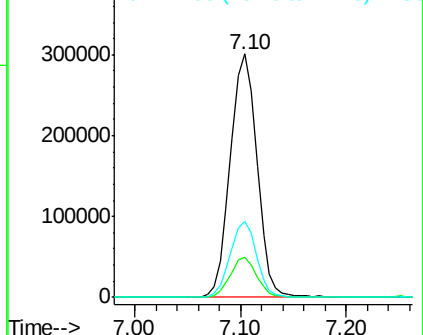
99 100

42 16.3 13.3 19.9

71 31.4 25.3 37.9



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: 45.251 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

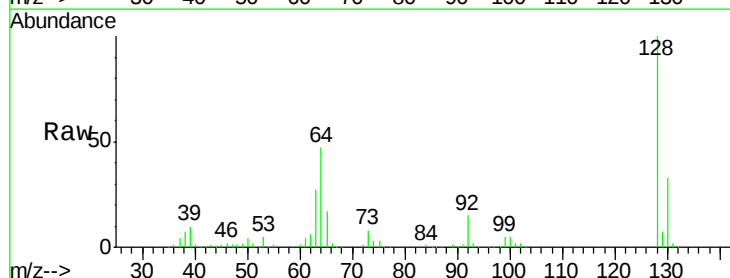
Tgt Ion: 128 Resp: 195981

Ion Ratio Lower Upper

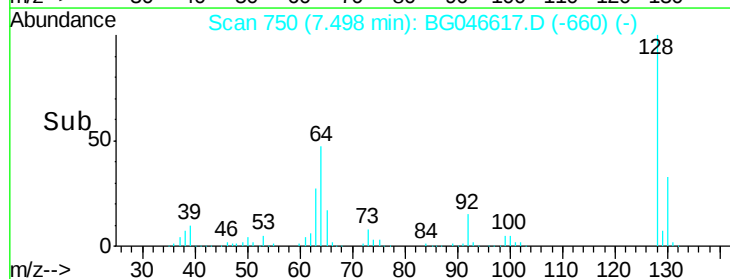
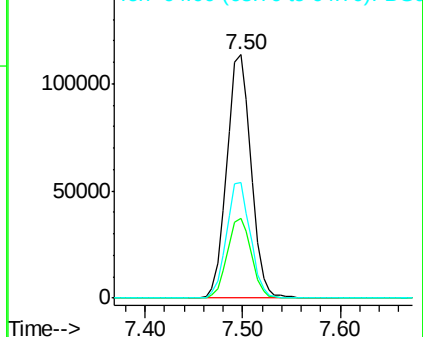
128 100

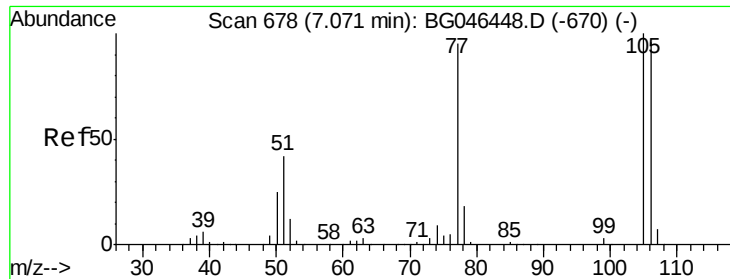
130 32.6 12.4 52.4

64 47.3 28.1 68.1



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: 23.842 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

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ClientSampleId :

B18-7-9

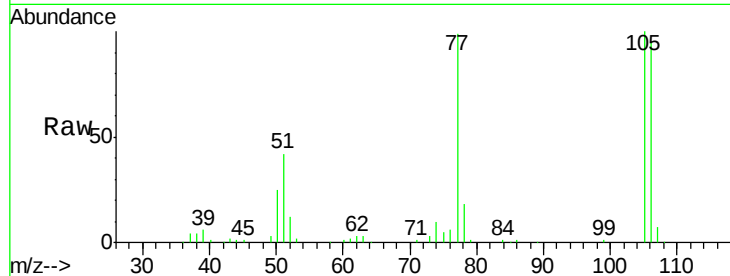
Tot Ion: 77 Resp: 77595

Ion Ratio Lower Upper

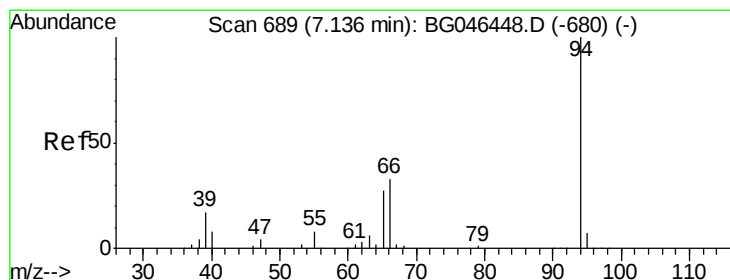
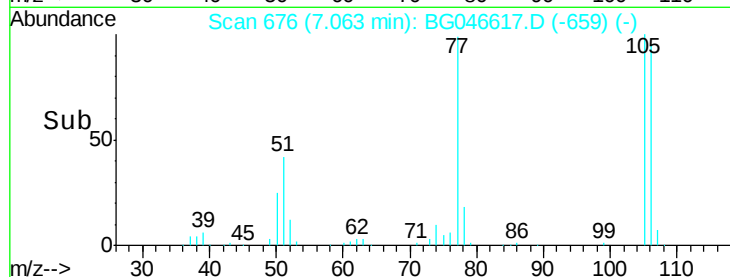
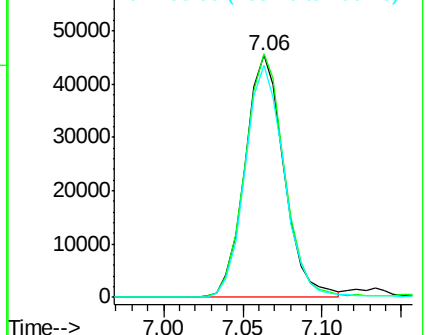
77 100

105 100.7 85.6 125.6

106 96.0 80.8 120.8



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: 39.196 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

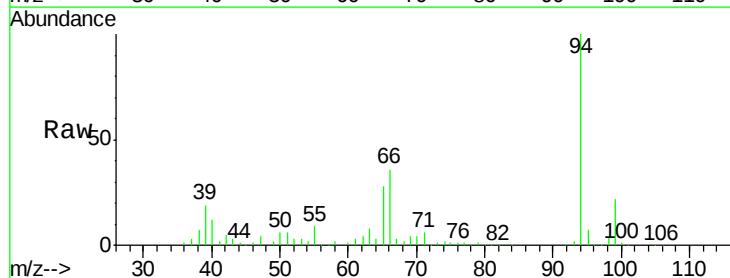
Tgt Ion: 94 Resp: 209713

Ion Ratio Lower Upper

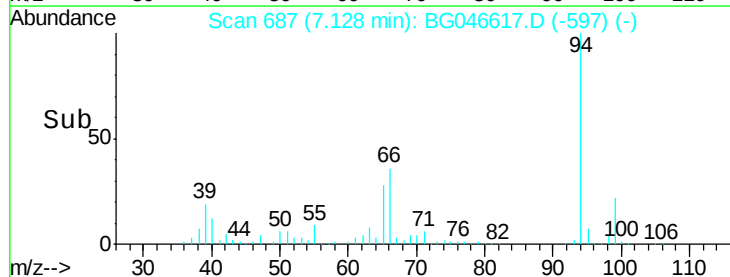
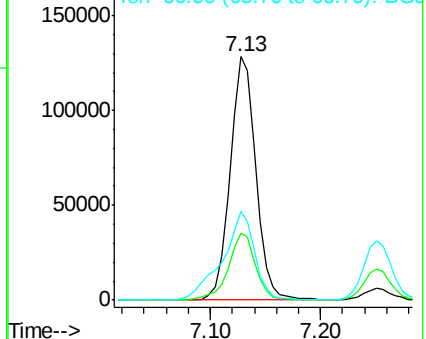
94 100

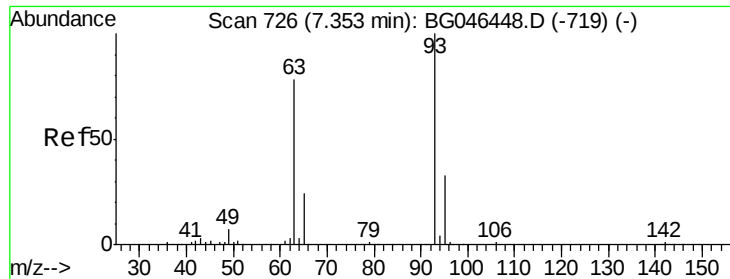
65 27.7 7.5 47.5

66 36.3 14.1 54.1



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

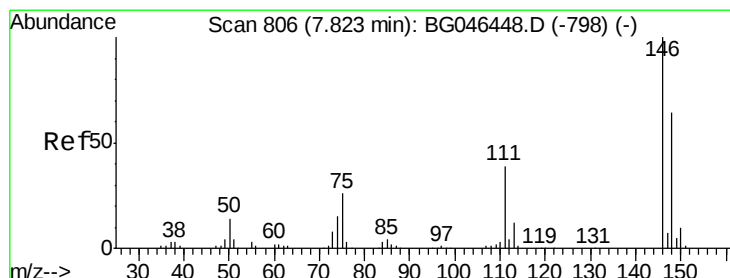
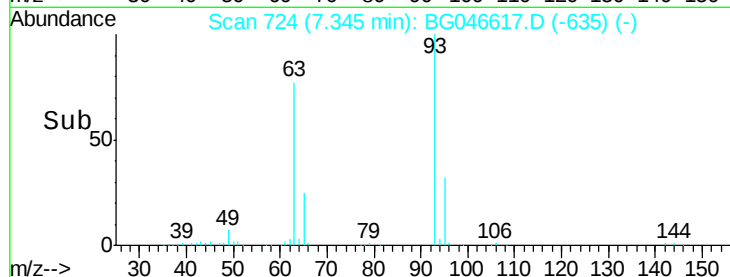
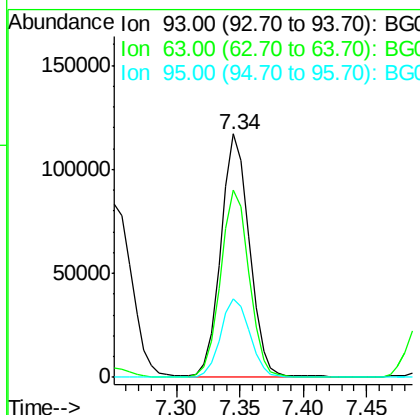
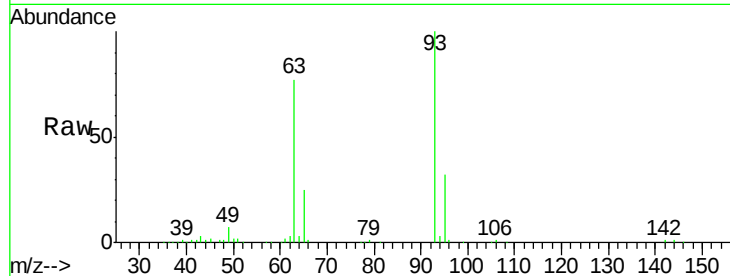




#11
 bis(2-Chloroethyl)ether
 Concen: 42.396 ng
 RT: 7.34 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

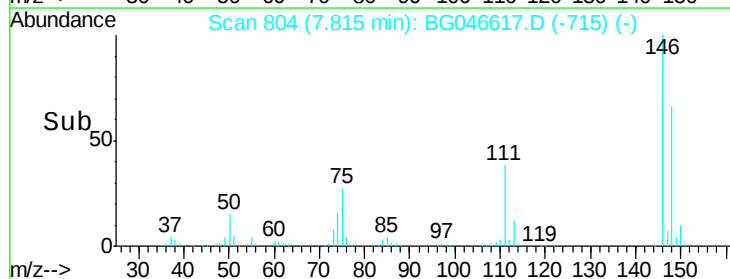
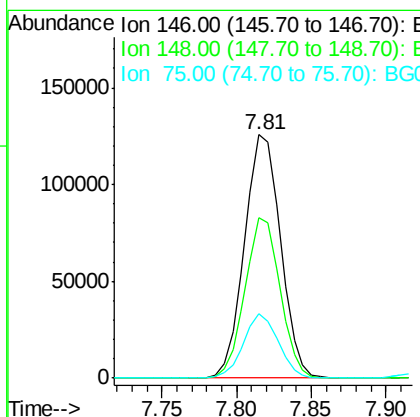
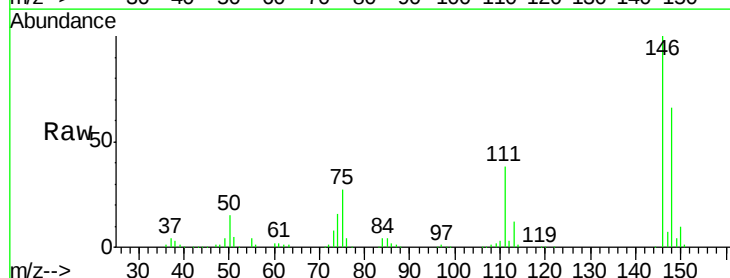
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

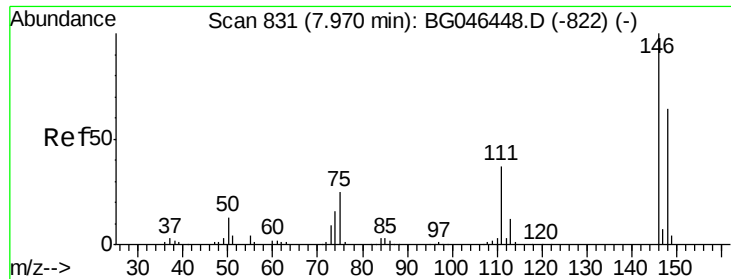
Tot Ion	93	Resp	182333
Ion	Ratio	Lower	Upper
93	100		
63	76.8	57.7	97.7
95	32.5	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.196 ng
 RT: 7.81 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion	146	Resp	210028
Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
75	26.5	20.7	31.1

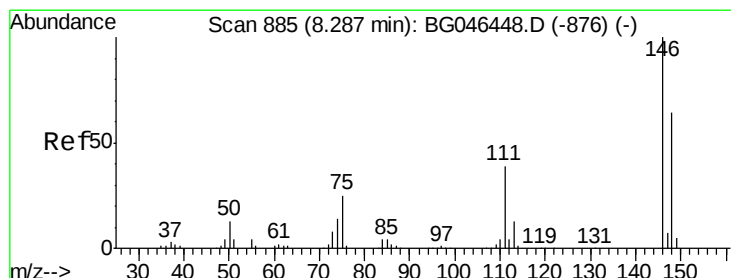
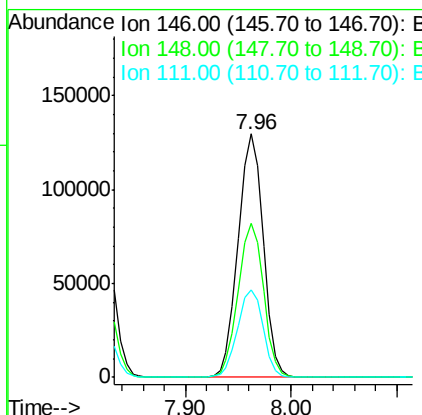
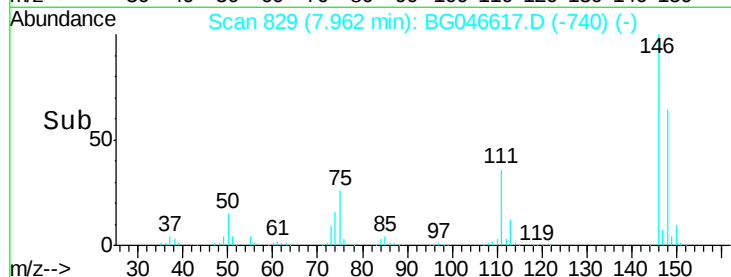
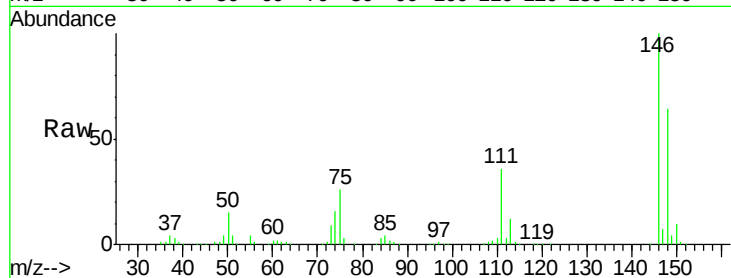




#13
 1,4-Dichlorobenzene
 Concen: 38.744 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

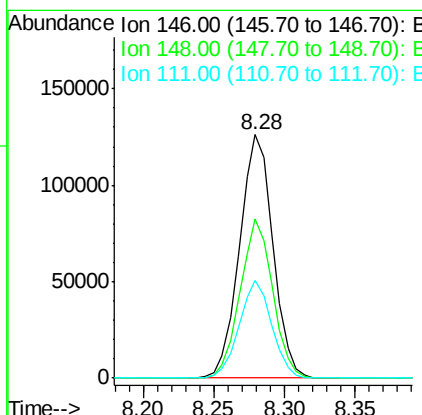
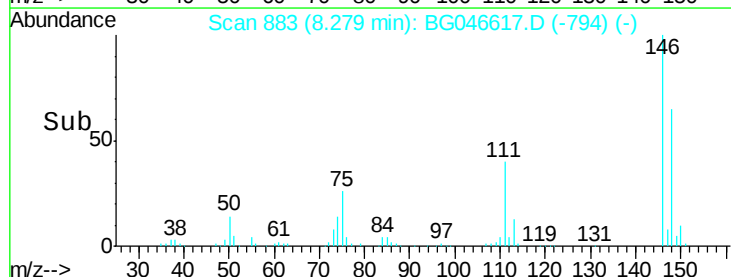
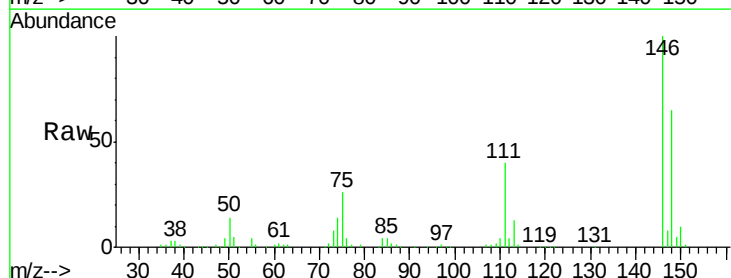
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

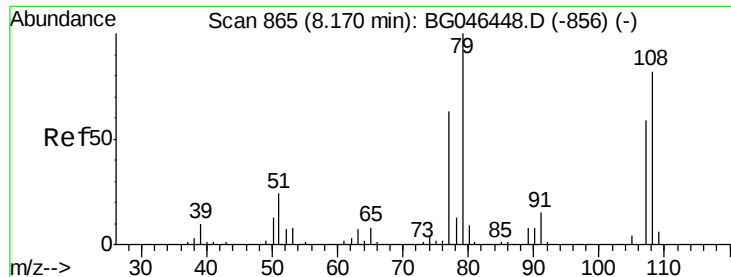
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	35.7	29.8	44.6



#14
 1,2-Dichlorobenzene
 Concen: 39.500 ng
 RT: 8.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	40.1	31.4	47.2





#15

Benzyl Alcohol

Concen: 45.415 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

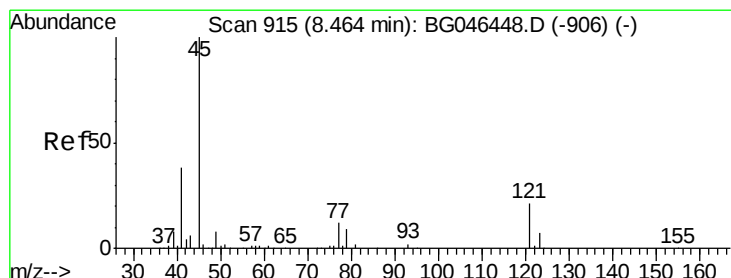
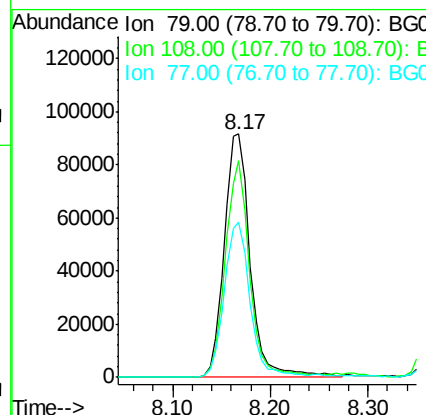
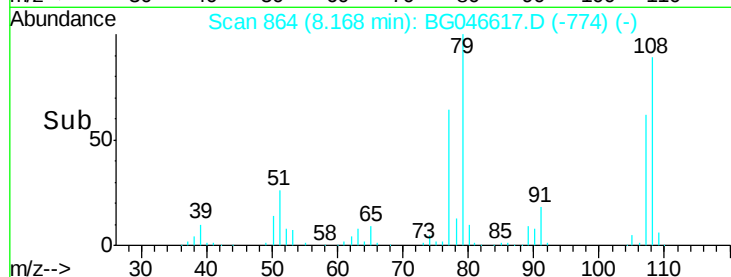
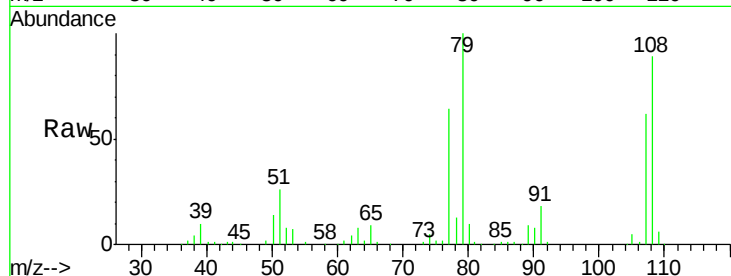
Tot Ion: 79 Resp: 169376

Ion Ratio Lower Upper

79 100

108 89.1 65.7 98.5

77 63.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.033 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

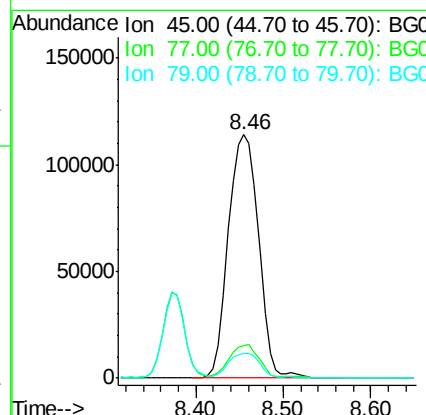
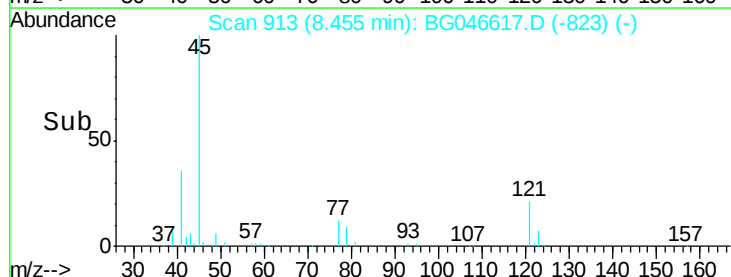
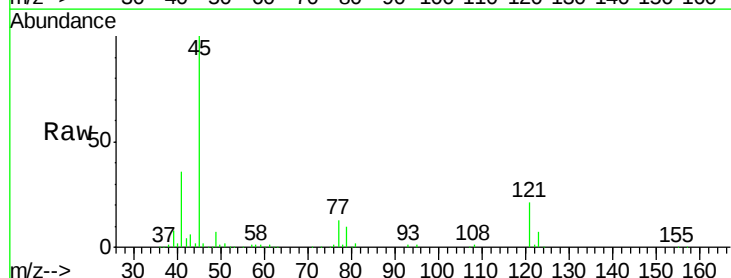
Tgt Ion: 45 Resp: 267058

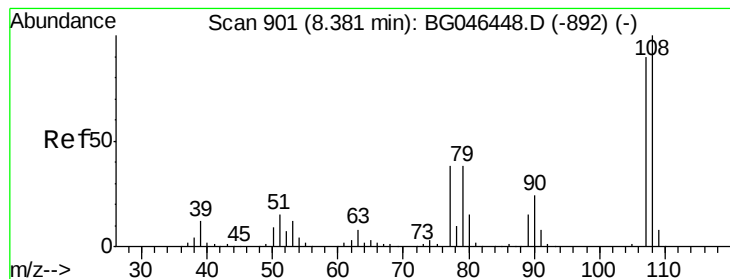
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 10.2 0.0 30.3





#17

2-Methylphenol

Concen: 43.447 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

Tot Ion:107 Resp: 164859

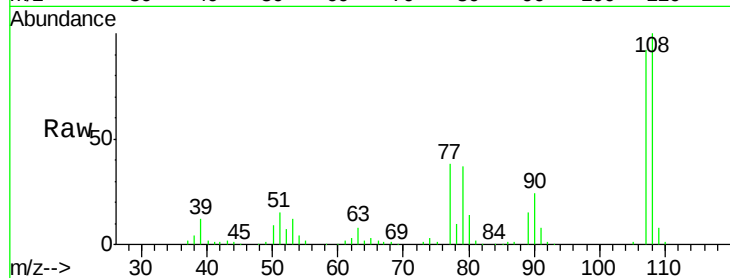
Ion Ratio Lower Upper

107 100

108 108.3 89.4 134.0

77 41.2 34.5 51.7

79 40.6 33.8 50.6

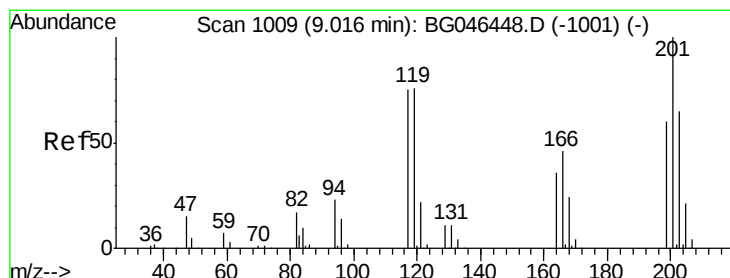
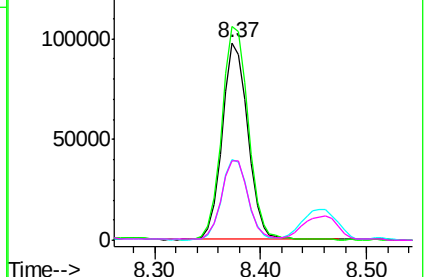
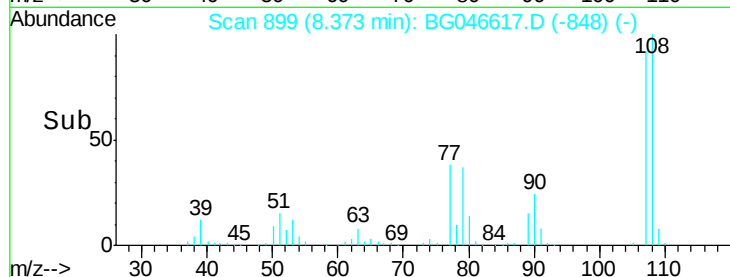


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.728 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

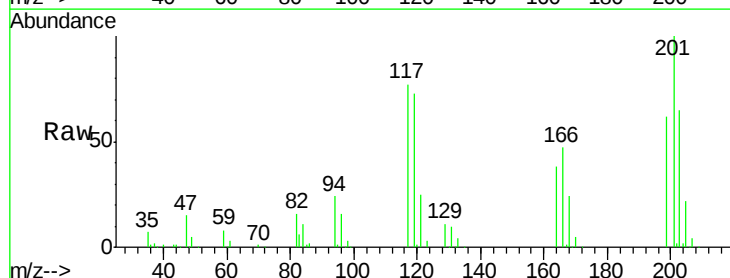
Tgt Ion:117 Resp: 70419

Ion Ratio Lower Upper

117 100

119 94.7 80.8 121.2

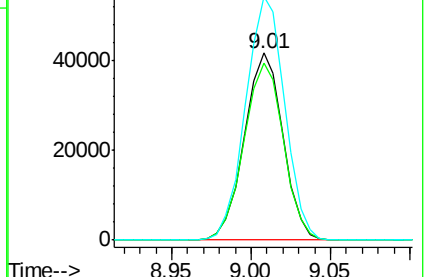
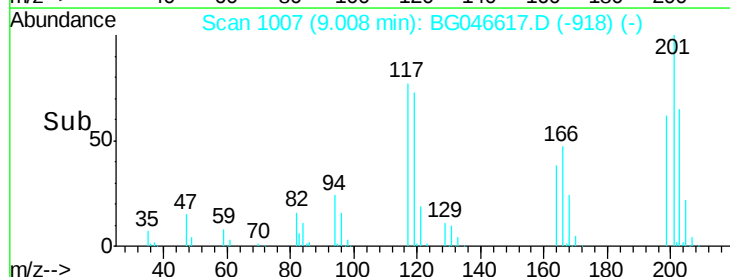
201 130.3 106.7 160.1

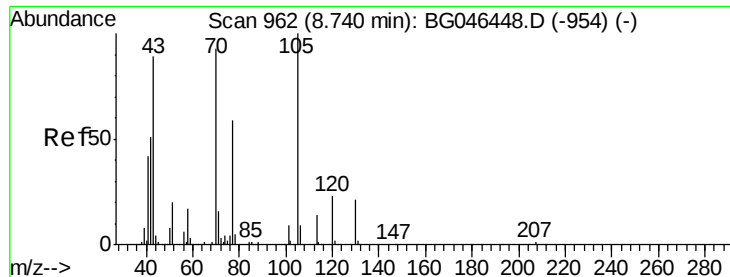


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

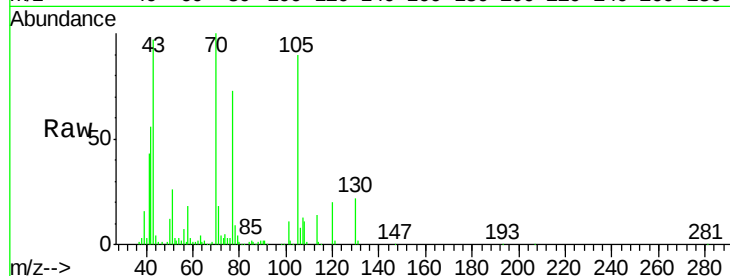




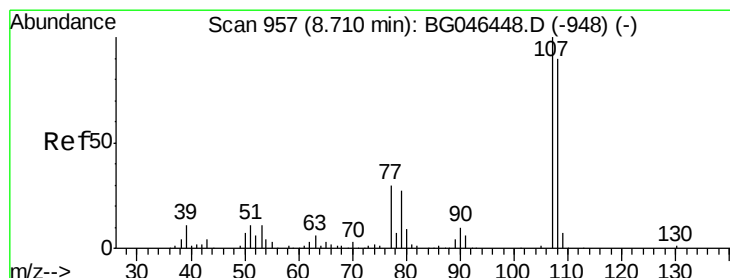
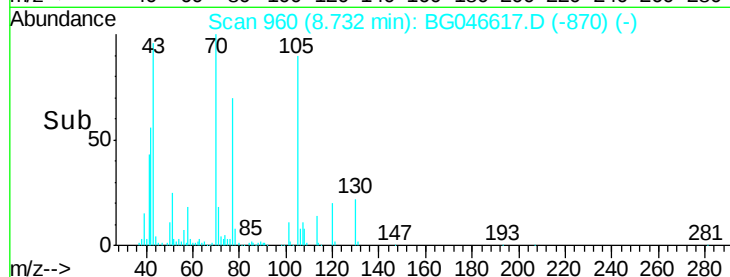
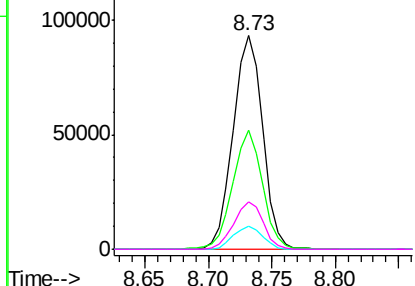
#19
n-Nitroso-di-n-propylamine
Concen: 43.322 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:	70	Resp:	150531
Ion	Ratio	Lower	Upper
70	100		
42	55.8	44.2	66.2
101	10.9	7.8	11.8
130	22.0	18.2	27.4

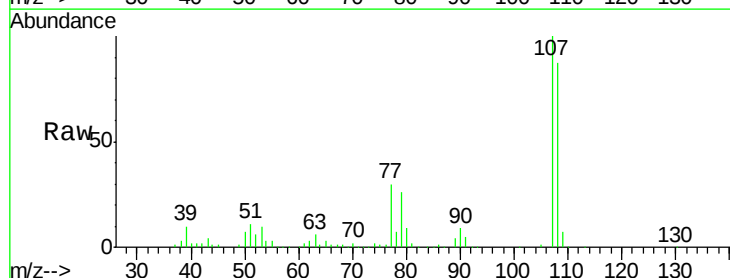


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

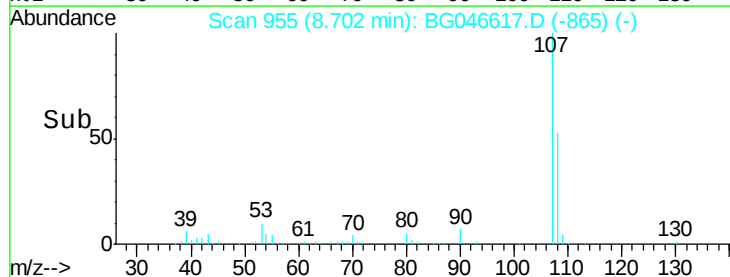
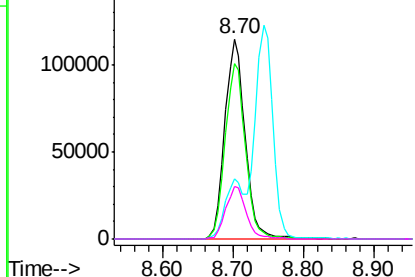


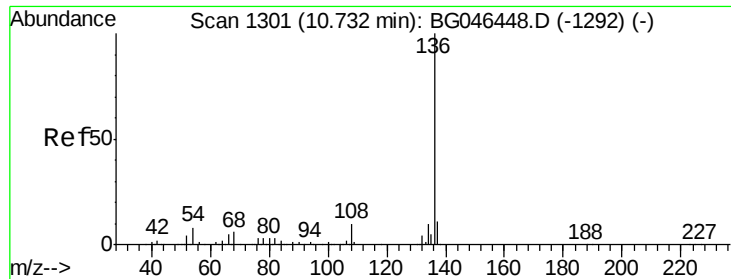
#20
3+4-Methylphenols
Concen: 43.839 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:	107	Resp:	229600
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.7	109.7
77	29.9	9.7	49.7
79	26.0	6.9	46.9



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

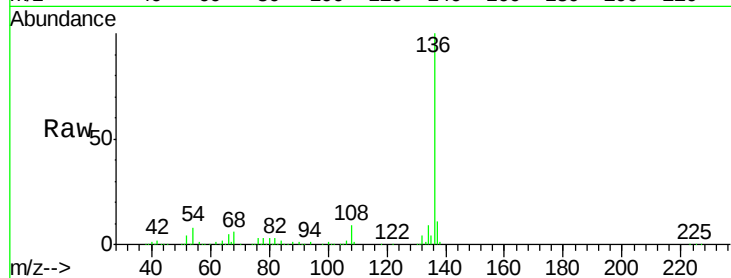




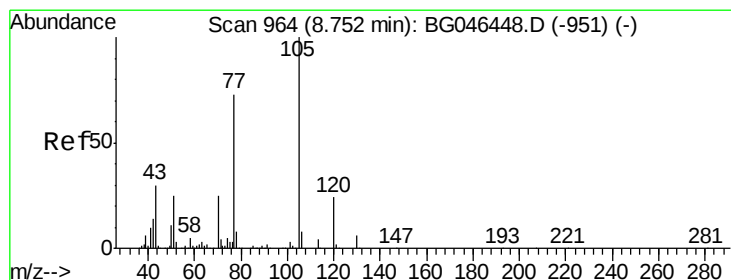
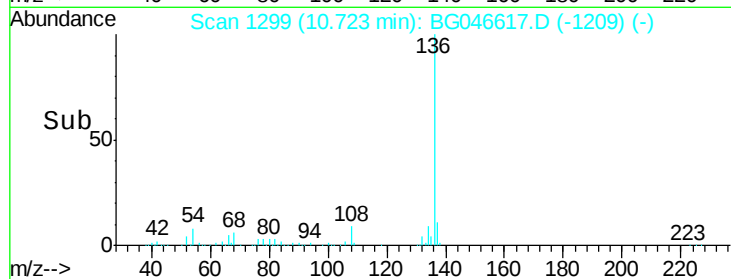
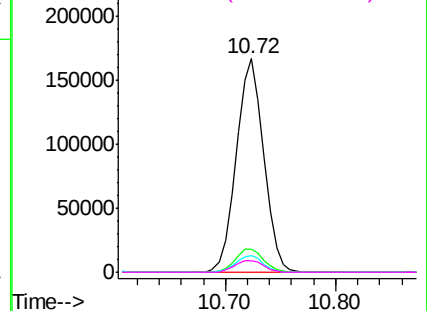
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:136	Resp:	291042
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.8	6.1 9.1
68	5.6	4.8 7.2

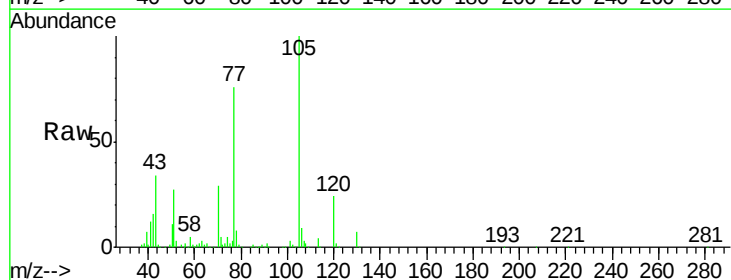


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

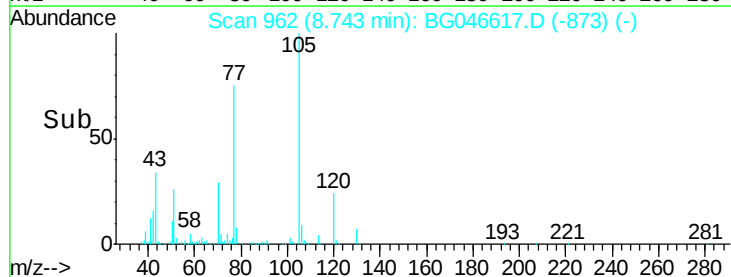
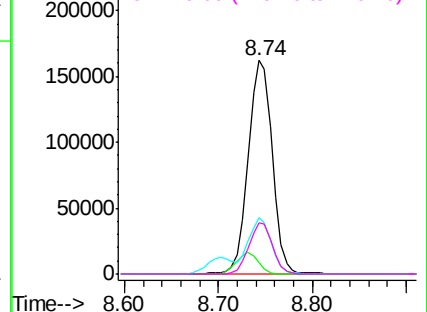


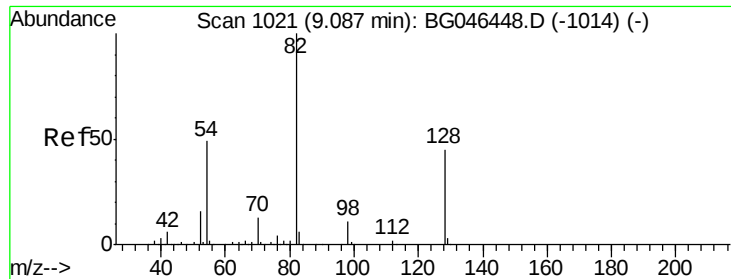
#22
Acetophenone
Concen: 40.491 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:105	Resp:	286863
Ion	Ratio	Lower Upper
105	100	
71	5.2	3.3 4.9#
51	26.6	20.6 31.0
120	23.9	19.0 28.6



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

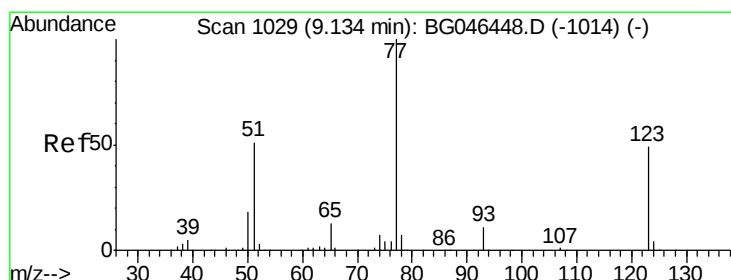
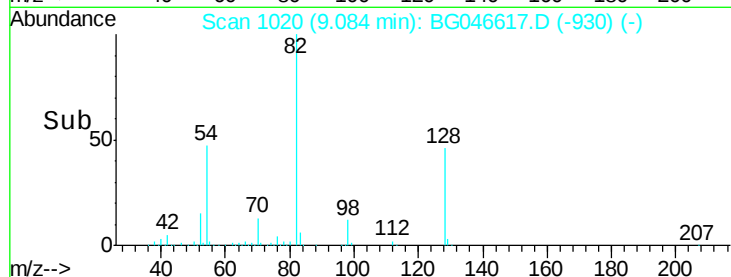
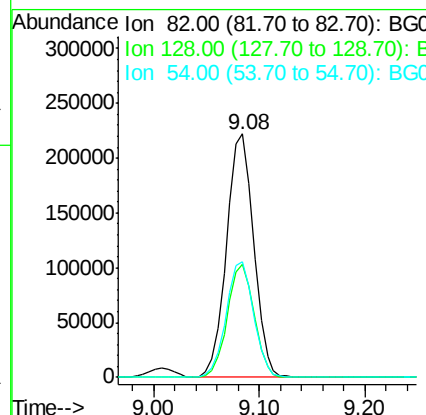
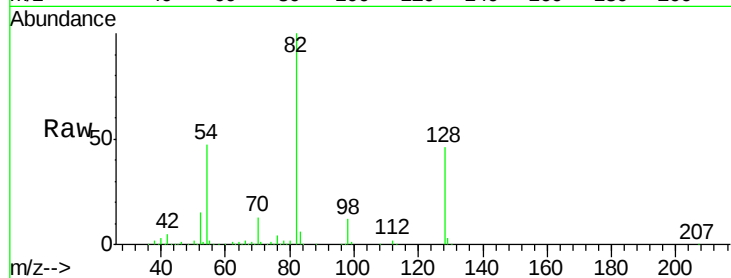




#23
 Nitrobenzene-d5
 Concen: 77.864 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

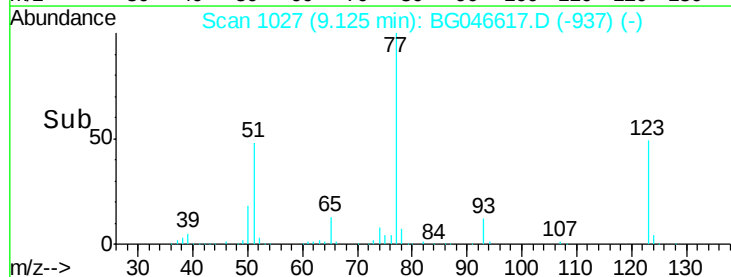
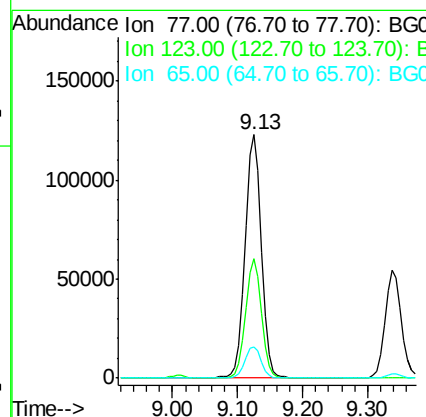
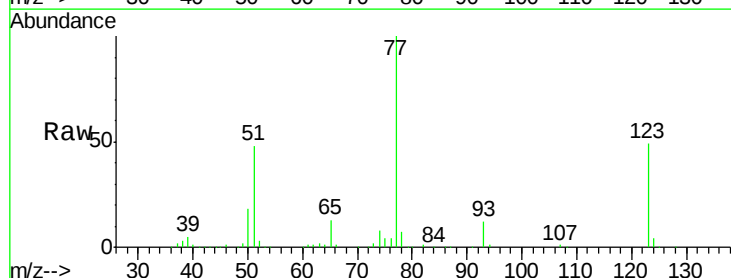
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

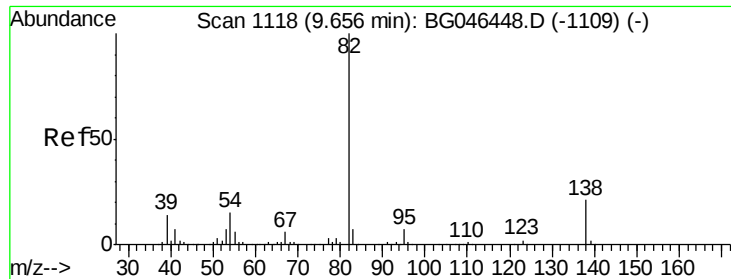
Tot Ion	82	Resp	396497
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.7	53.5
54	47.4	39.4	59.0



#24
 Nitrobenzene
 Concen: 42.325 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion	77	Resp	212928
Ion Ratio	Lower	Upper	
77	100		
123	49.1	39.6	59.4
65	12.9	10.1	15.1





#25

Isophorone

Concen: 44.470 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

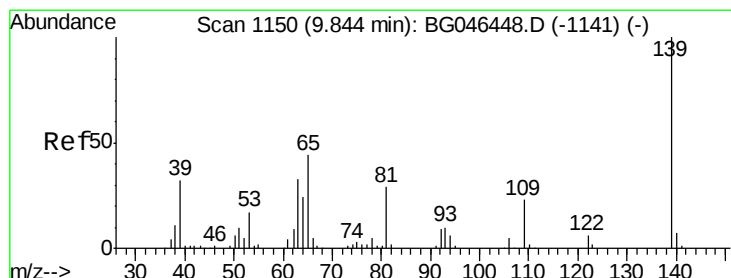
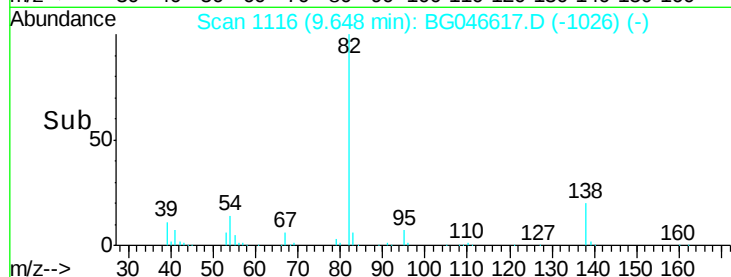
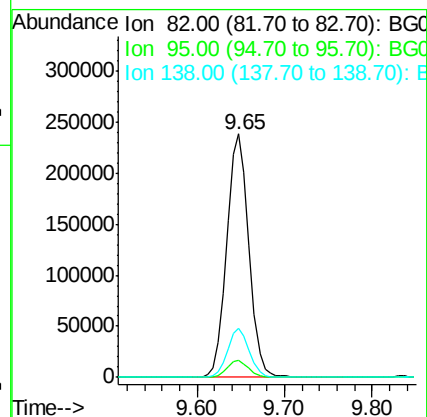
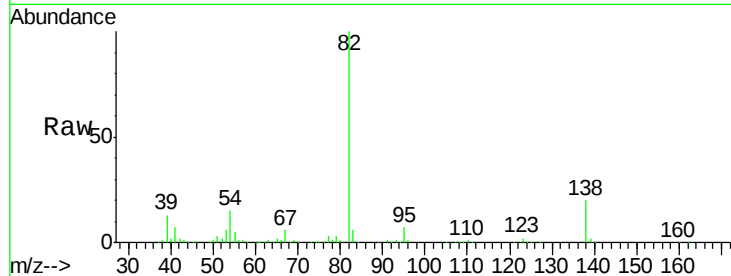
Tot Ion: 82 Resp: 415167

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 20.2 16.4 24.6



#26

2-Nitrophenol

Concen: 43.888 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

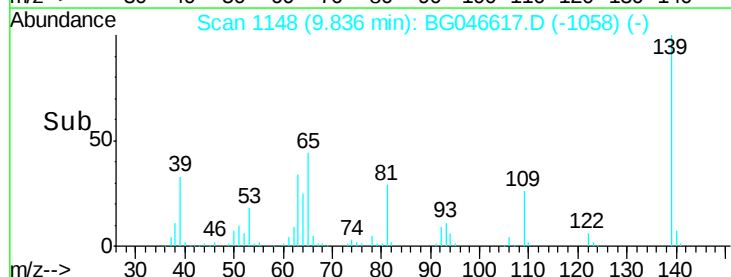
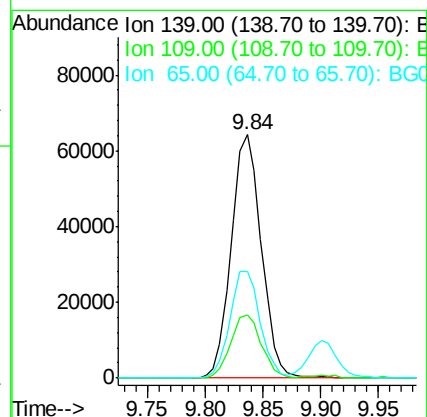
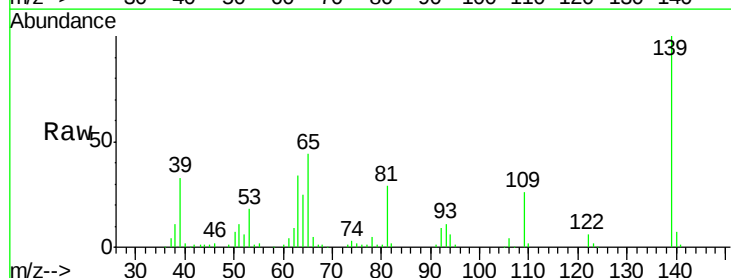
Tgt Ion: 139 Resp: 116489

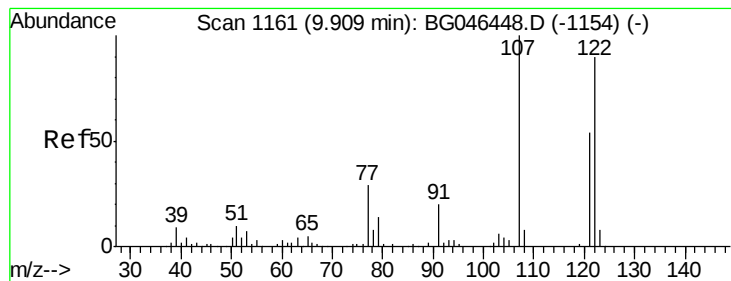
Ion Ratio Lower Upper

139 100

109 25.7 18.8 28.2

65 44.0 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 51.240 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

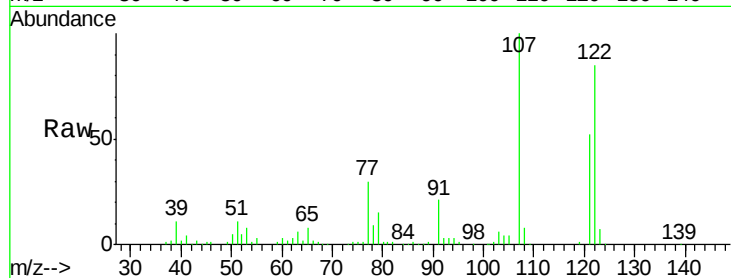
Tot Ion:122 Resp: 187060

Ion Ratio Lower Upper

122 100

107 117.2 88.2 132.2

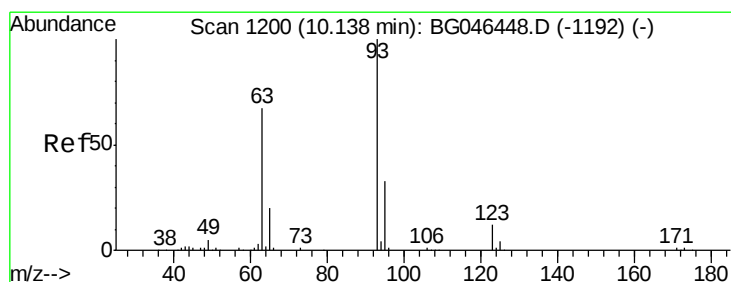
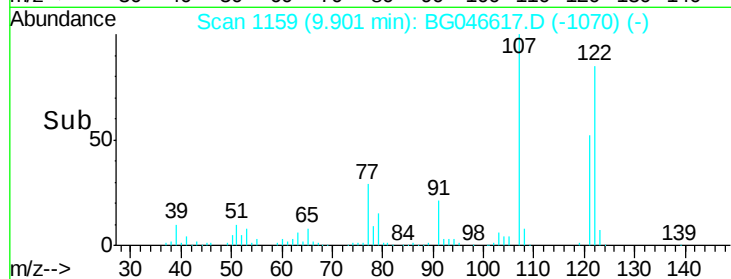
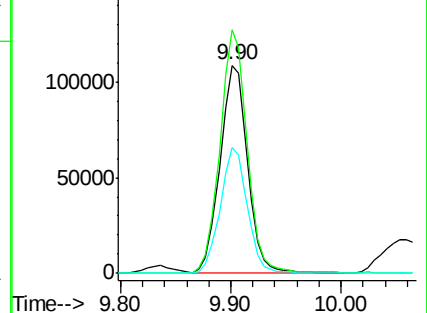
121 60.4 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.501 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

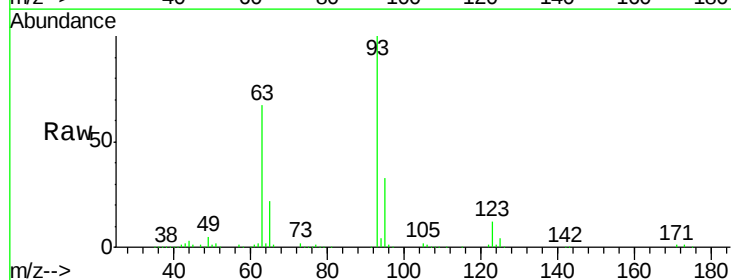
Tgt Ion: 93 Resp: 255387

Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

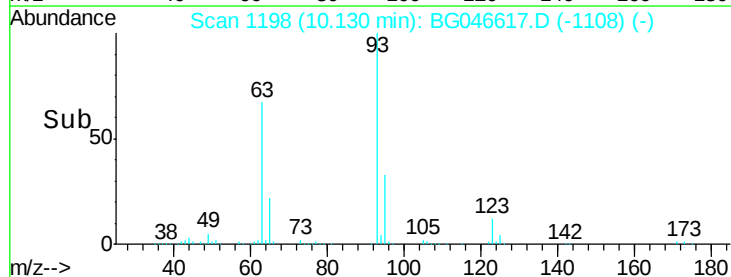
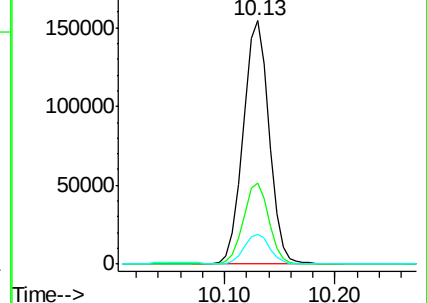
123 12.1 9.5 14.3

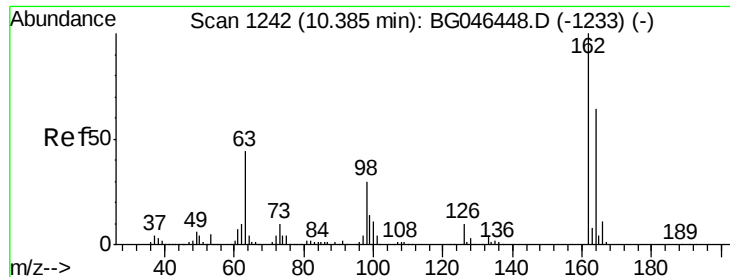


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

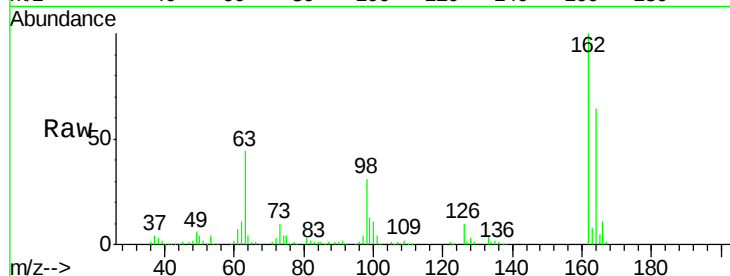




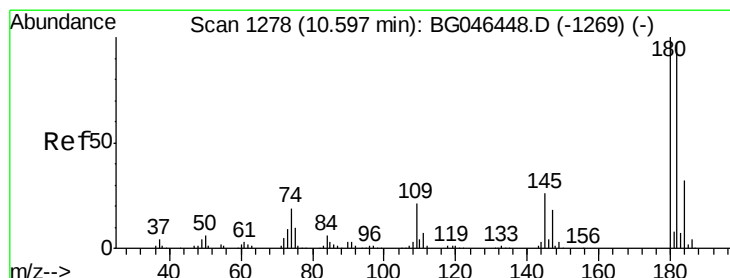
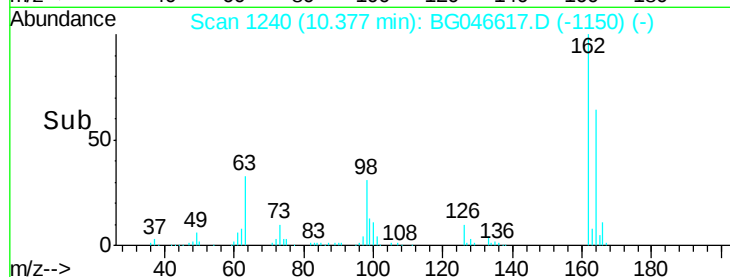
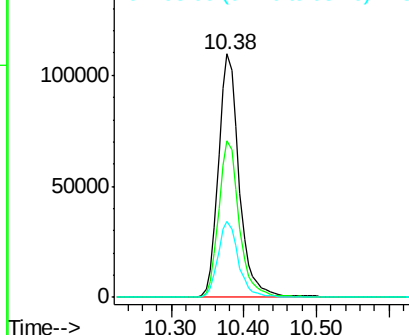
#29
 2,4-Dichlorophenol
 Concen: 44.928 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

Tot Ion	162	Resp	218648
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.3	84.3
98	31.2	10.0	50.0

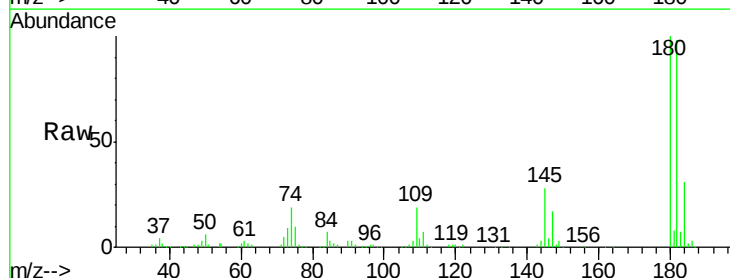


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

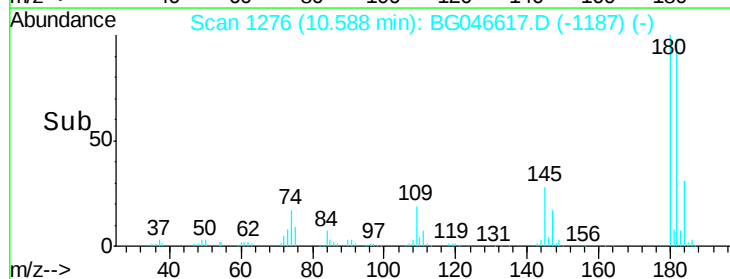
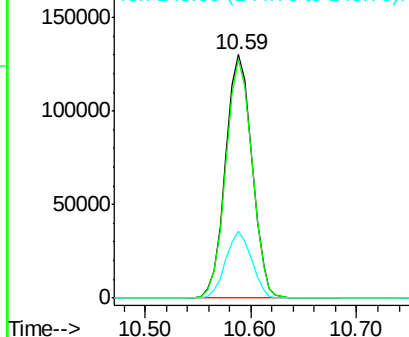


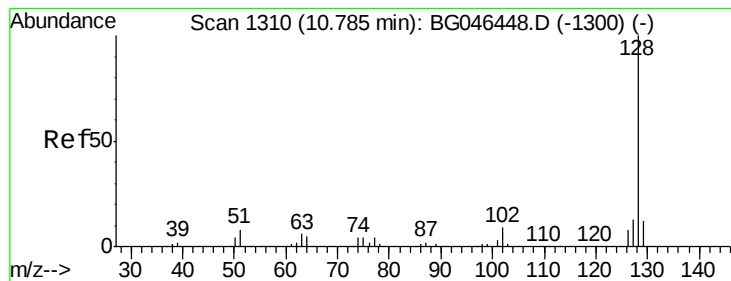
#30
 1,2,4-Trichlorobenzene
 Concen: 39.004 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion	180	Resp	225221
Ion Ratio	Lower	Upper	
180	100		
182	97.9	77.8	116.8
145	27.5	20.9	31.3



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





#31

Naphthalene

Concen: 41.842 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

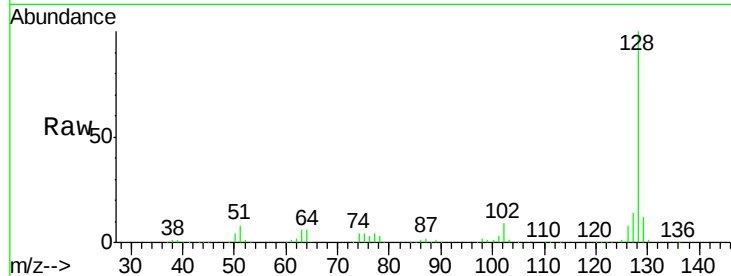
Tot Ion:128 Resp: 594601

Ion Ratio Lower Upper

128 100

129 12.0 9.2 13.8

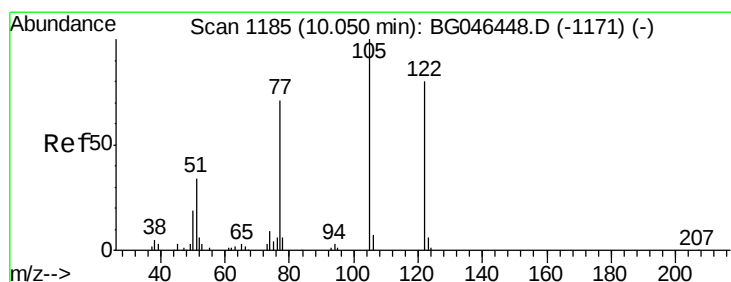
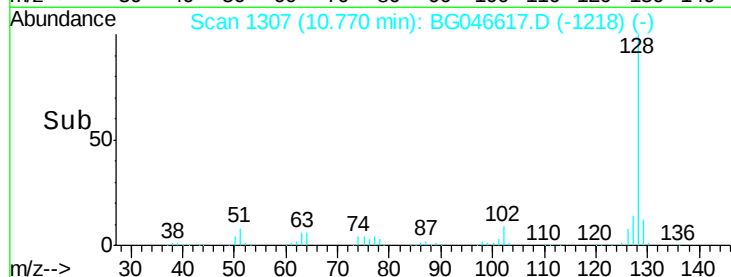
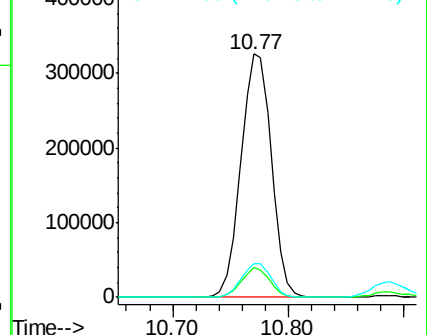
127 13.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.030 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

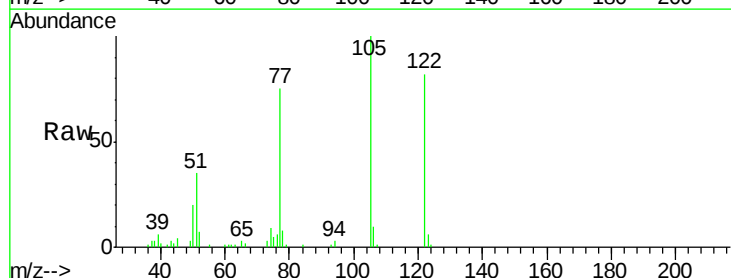
Tgt Ion:122 Resp: 56623

Ion Ratio Lower Upper

122 100

105 121.6 102.5 142.5

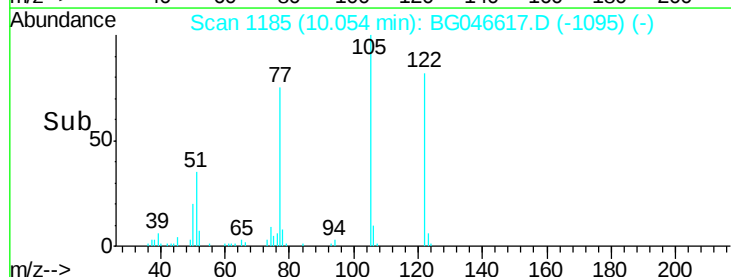
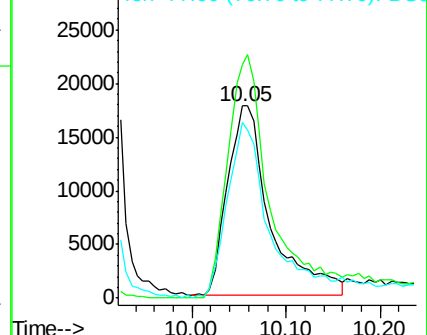
77 91.6 68.2 108.2

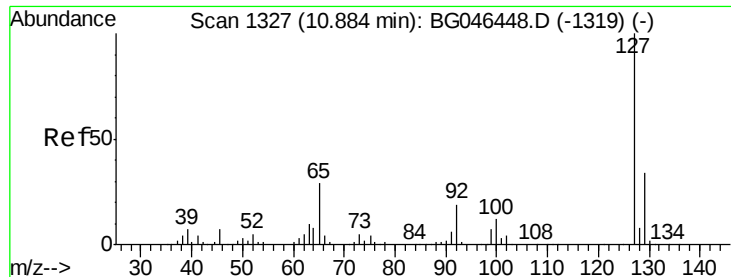


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

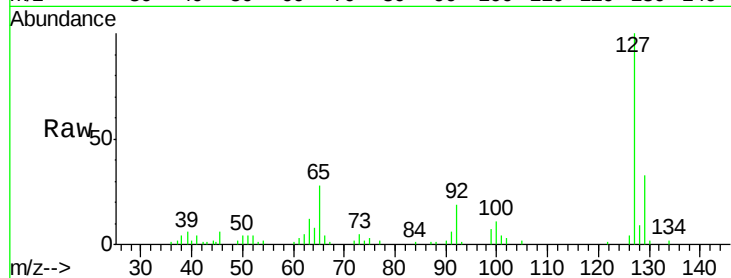




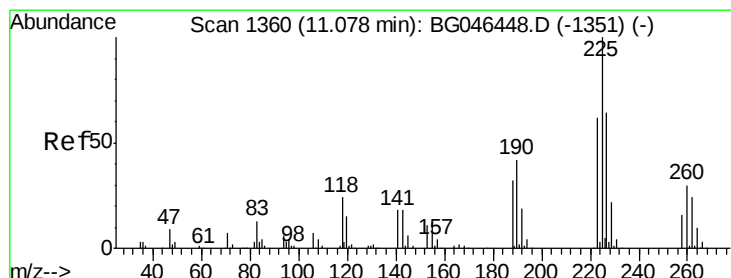
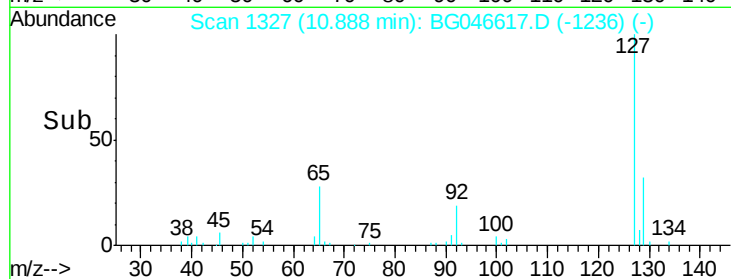
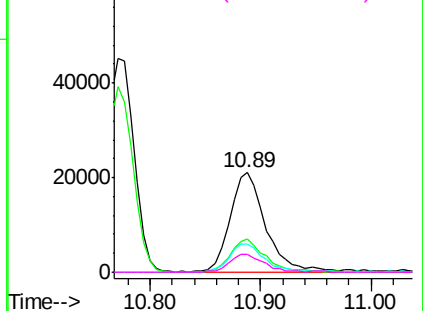
#33
4-Chloroaniline
Concen: 7.618 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:	127	Resp:	47736
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	28.3	23.5	35.3
92	18.5	14.9	22.3

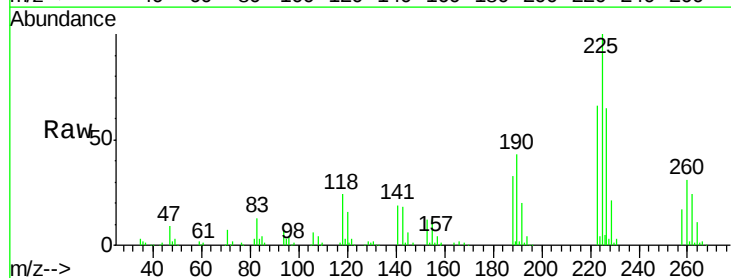


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

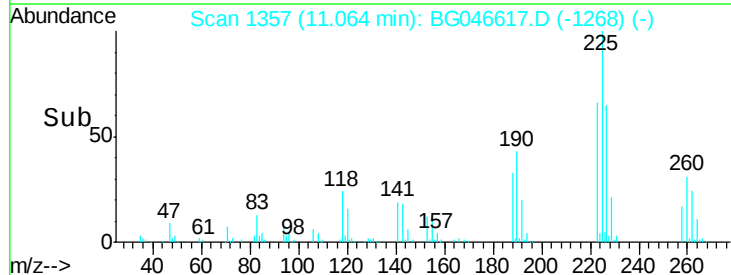
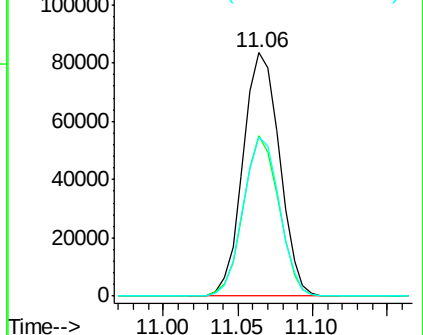


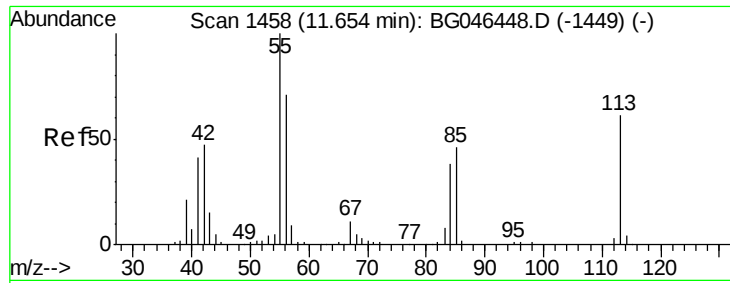
#34
Hexachlorobutadiene
Concen: 37.803 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:	225	Resp:	141700
Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.9	74.9
227	65.2	51.6	77.4



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

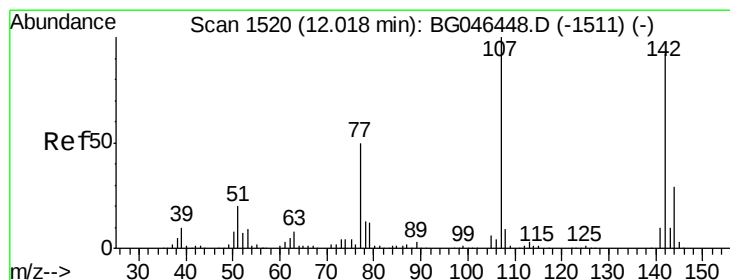
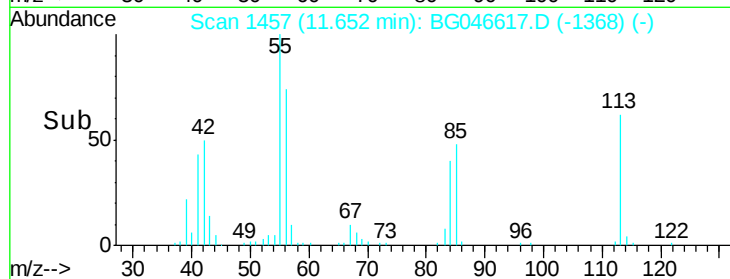
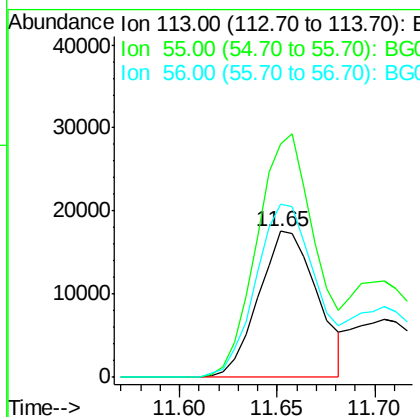
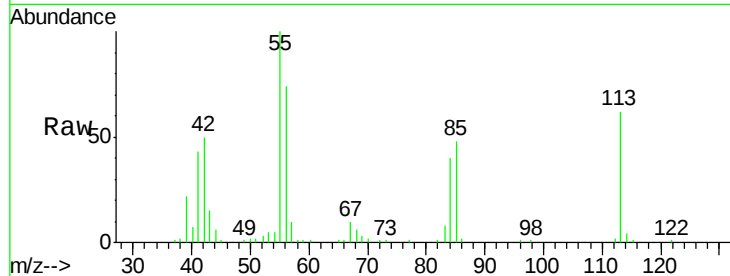




#35
Caprolactam
Concen: 20.065 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

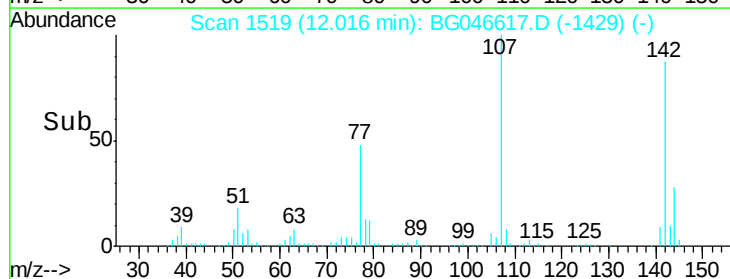
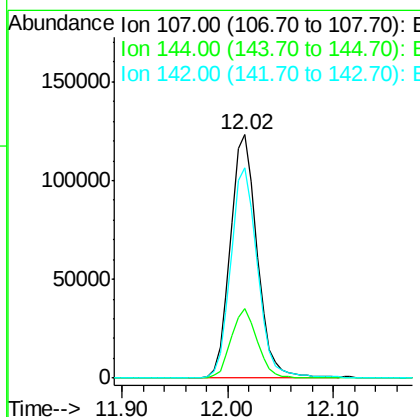
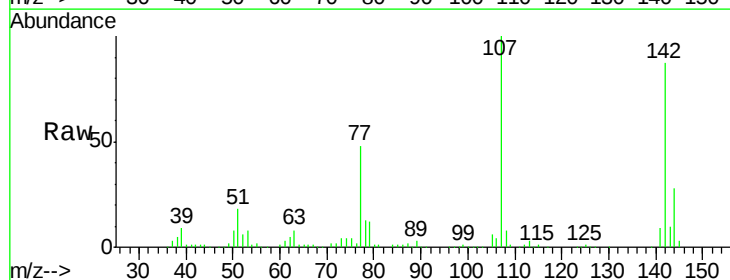
Instrument :
BNA_G
ClientSampled :
B18-7-9

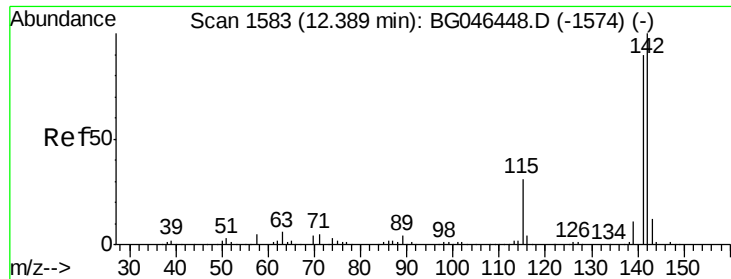
Tot Ion:113 Resp: 36501
Ion Ratio Lower Upper
113 100
55 160.2 144.2 184.2
56 119.0 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 45.278 ng
RT: 12.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:107 Resp: 215516
Ion Ratio Lower Upper
107 100
144 28.4 23.3 34.9
142 86.6 73.7 110.5

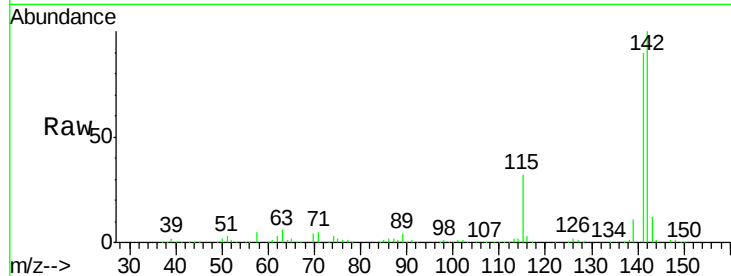




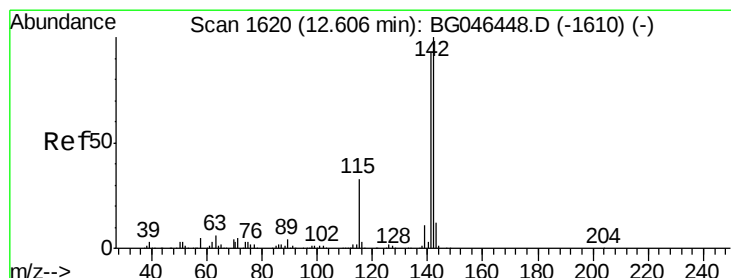
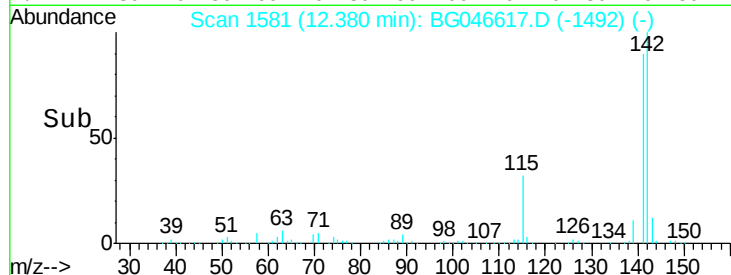
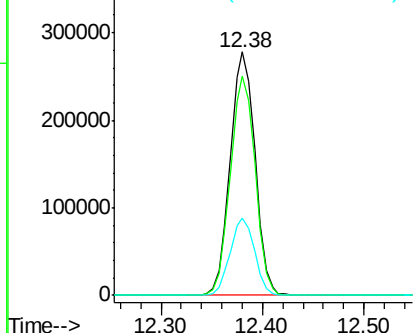
#37
2-Methylnaphthalene
Concen: 42.288 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:142 Resp: 473944
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1
115 31.7 24.9 37.3

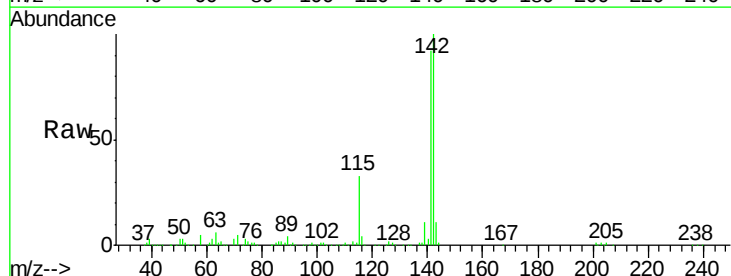


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

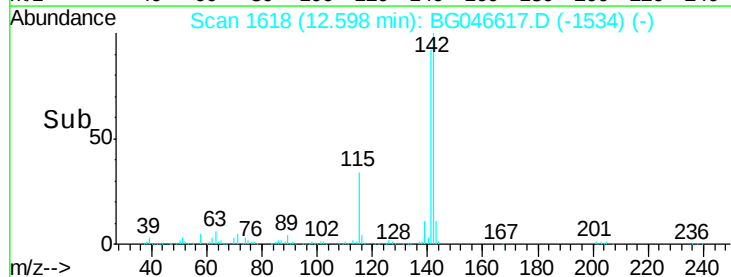
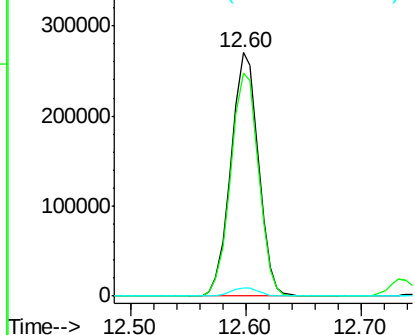


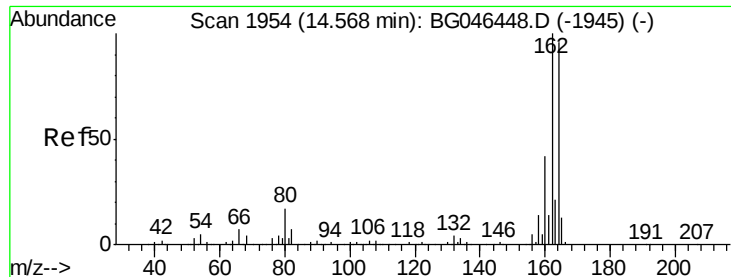
#38
1-Methylnaphthalene
Concen: 42.076 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:142 Resp: 446678
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
116 3.5 2.6 4.0



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: 14.55 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

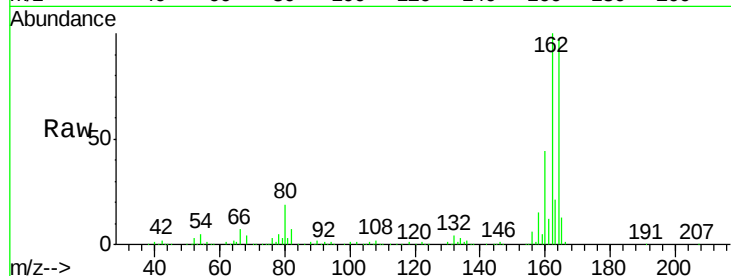
Tot Ion:164 Resp: 206354

Ion Ratio Lower Upper

164 100

162 103.3 83.3 124.9

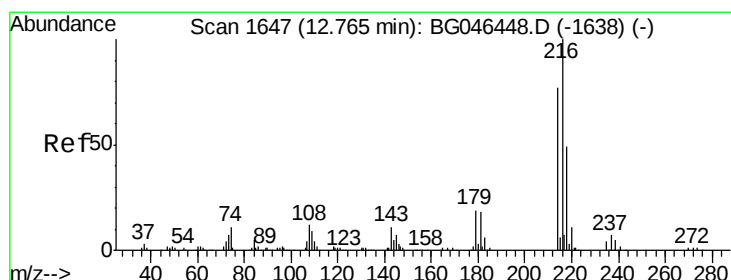
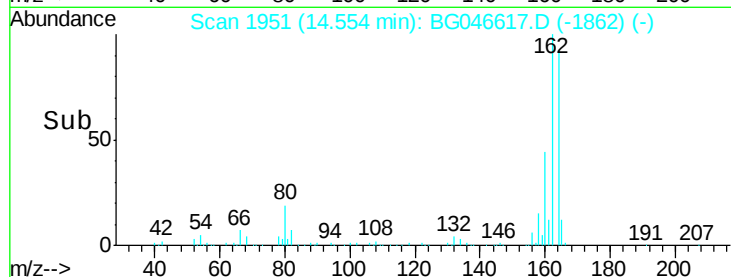
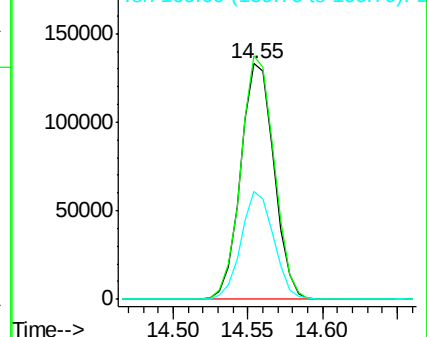
160 45.7 35.0 52.6



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: 41.516 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Tgt Ion:216 Resp: 282511

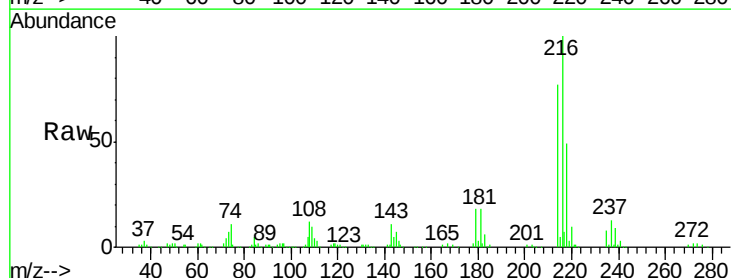
Ion Ratio Lower Upper

216 100

214 77.2 62.1 93.1

179 18.3 14.9 22.3

108 14.4 10.5 15.7

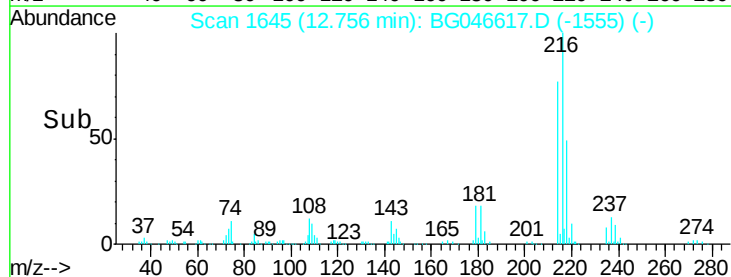
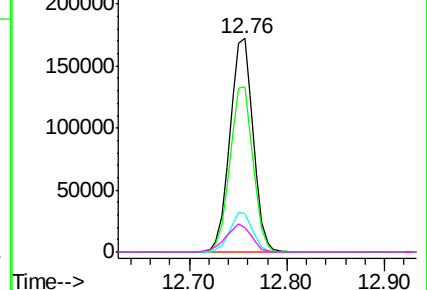


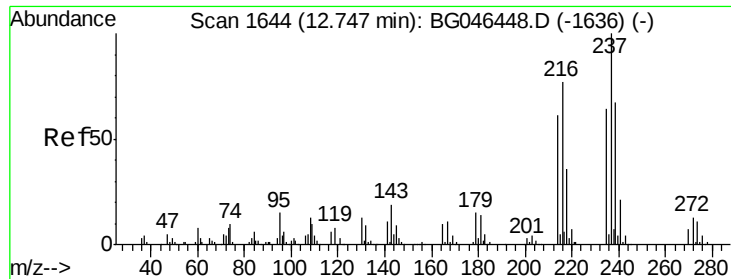
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

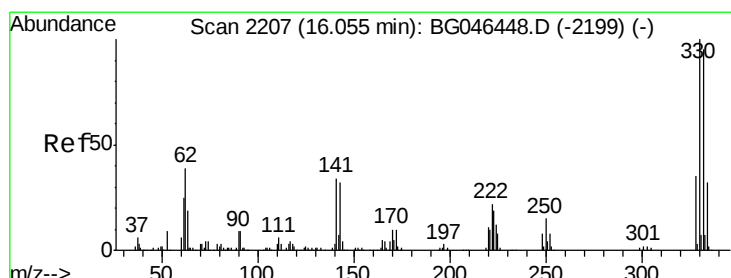
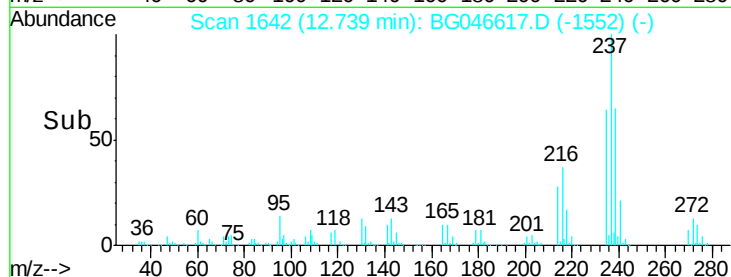
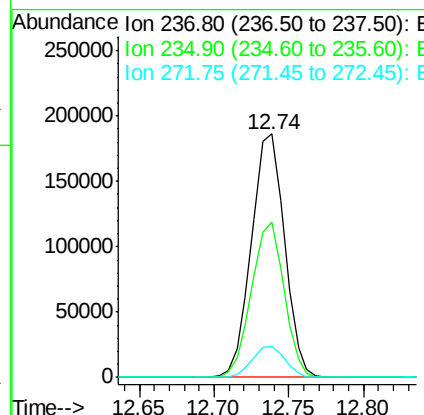
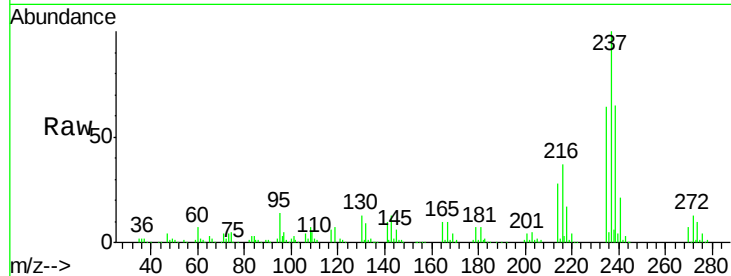




#41
Hexachlorocyclopentadiene
Concen: 96.345 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

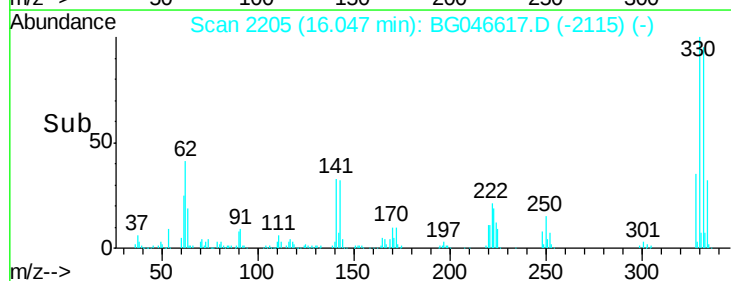
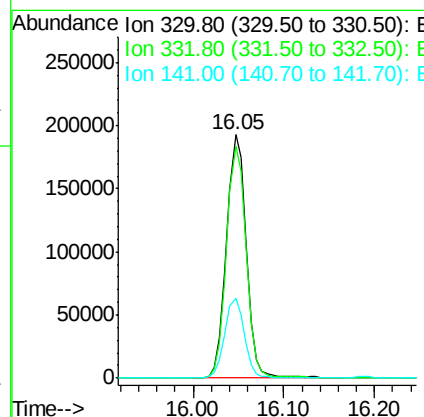
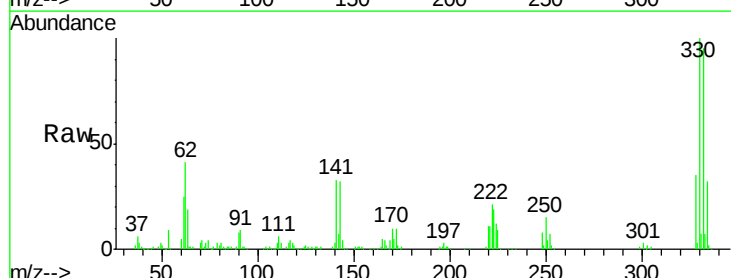
Instrument :
BNA_G
ClientSampleId :
B18-7-9

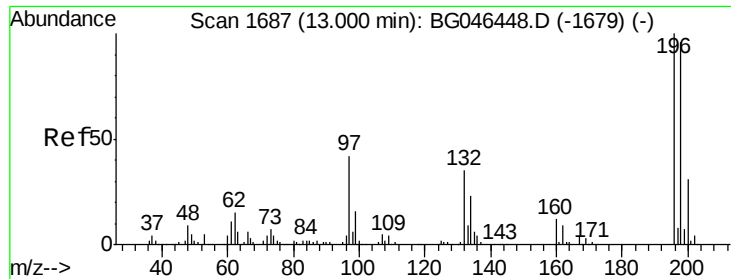
Tot Ion:237 Resp: 285074
Ion Ratio Lower Upper
237 100
235 63.7 44.5 84.5
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 104.242 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:330 Resp: 291455
Ion Ratio Lower Upper
330 100
332 95.1 76.1 114.1
141 32.6 26.1 39.1

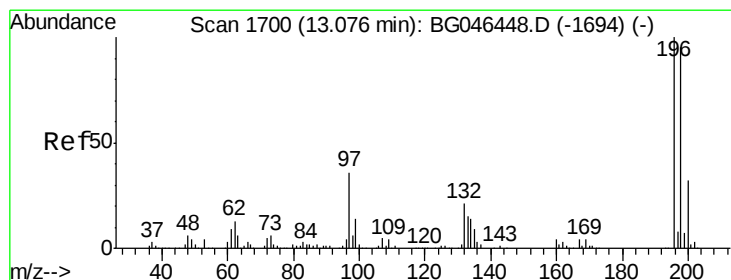
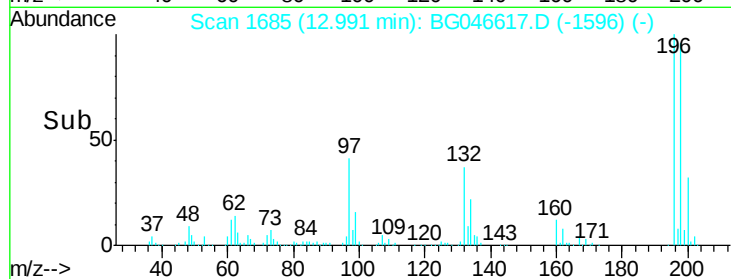
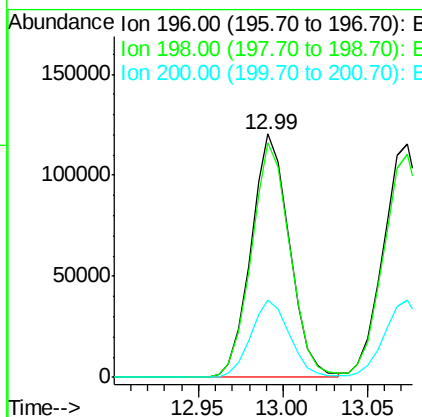
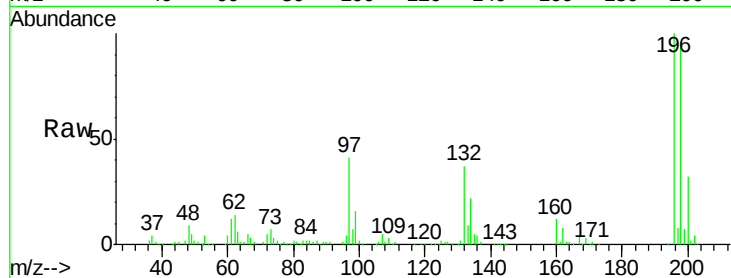




#43
 2,4,6-Trichlorophenol
 Concen: 41.501 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

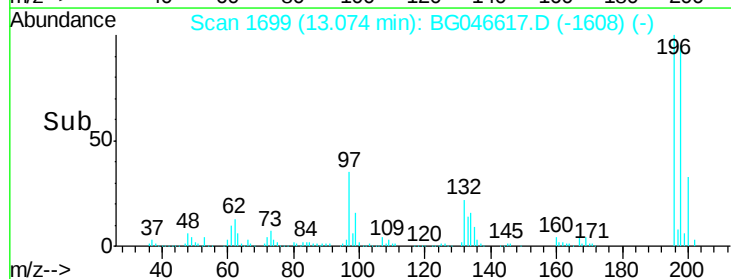
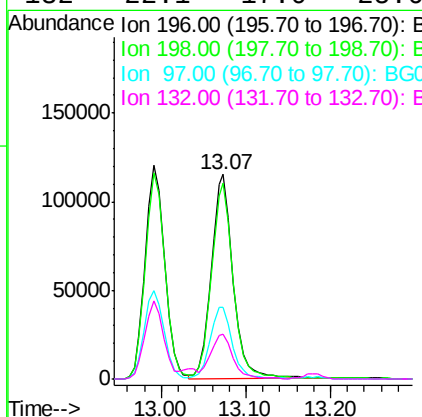
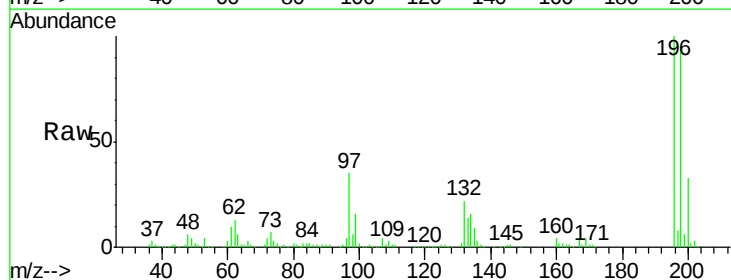
Instrument :
 BNA_G
 ClientSampled :
 B18-7-9

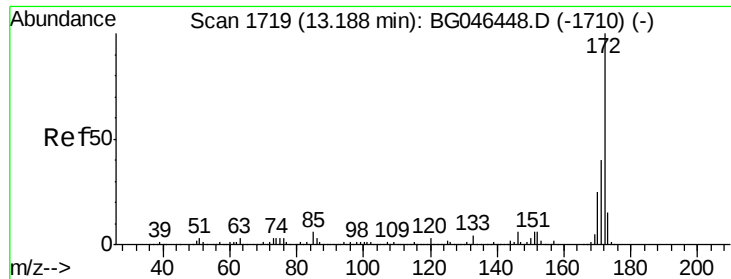
Tot Ion:196 Resp: 190575
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.6
 200 31.7 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.141 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion:196 Resp: 208146
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.6 113.4
 97 35.2 28.6 43.0
 132 22.1 17.0 25.6



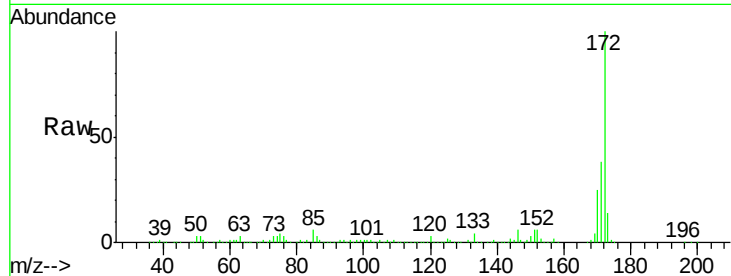


#45
 2-Fluorobiphenyl
 Concen: 74.807 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

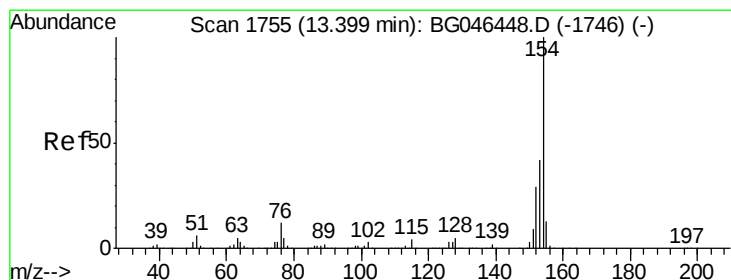
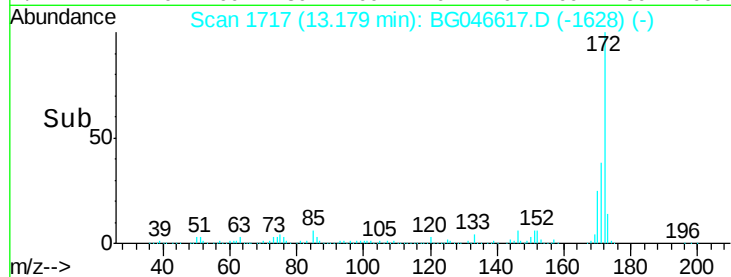
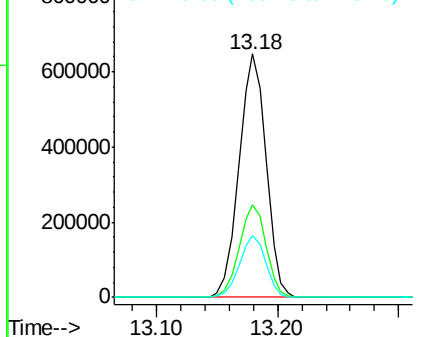
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

Tot Ion:172 Resp: 1011203

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.4	20.3	30.5



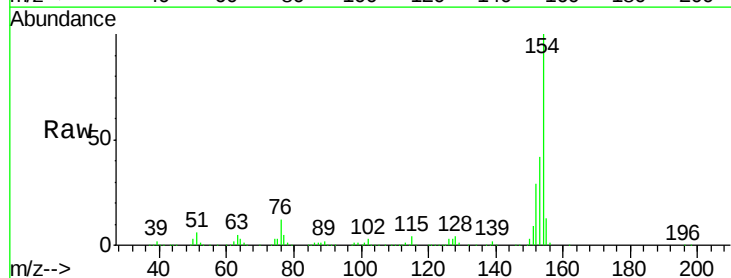
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



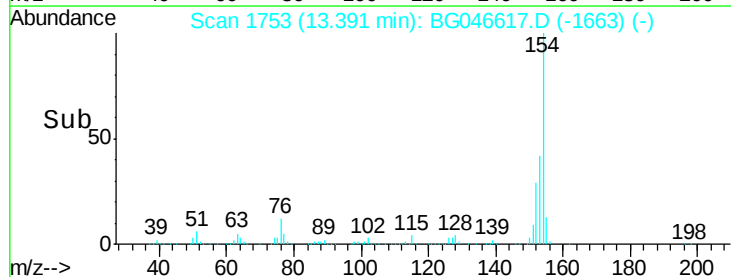
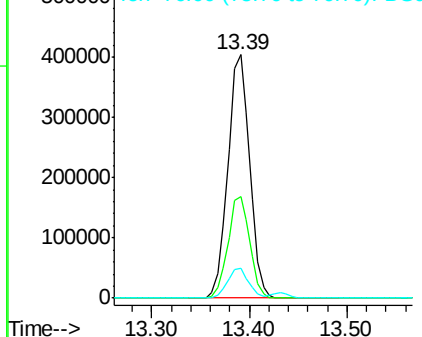
#46
 1,1'-Biphenyl
 Concen: 43.352 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

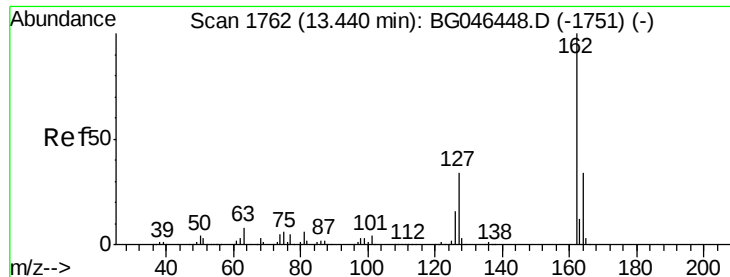
Tgt Ion:154 Resp: 622409

Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.0	62.0
76	12.4	0.0	32.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

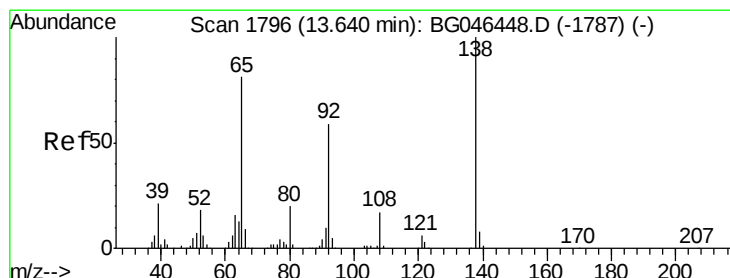
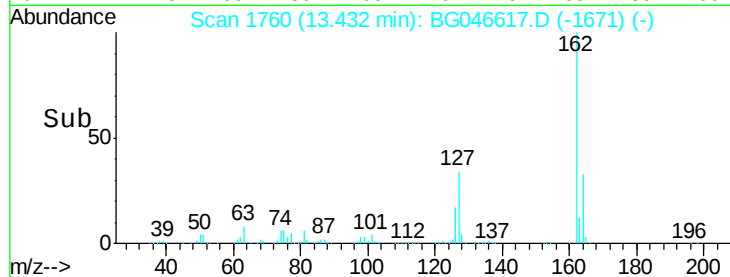
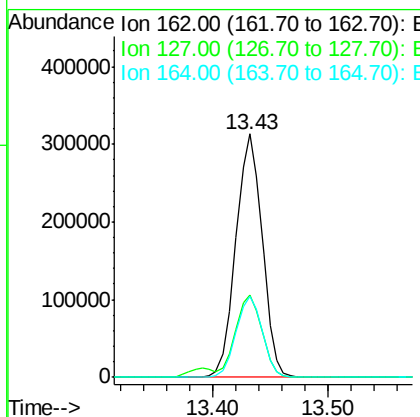
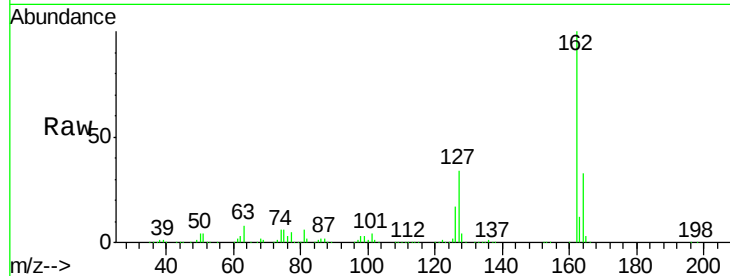




#47
2-Chloronaphthalene
Concen: 40.659 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

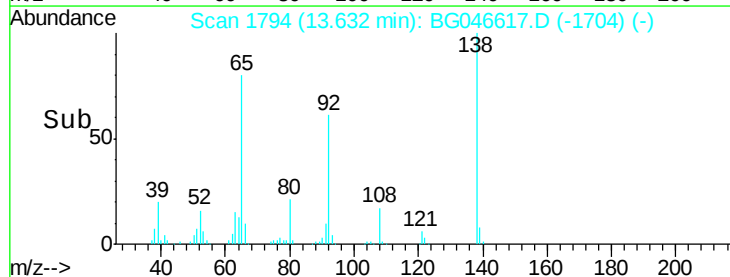
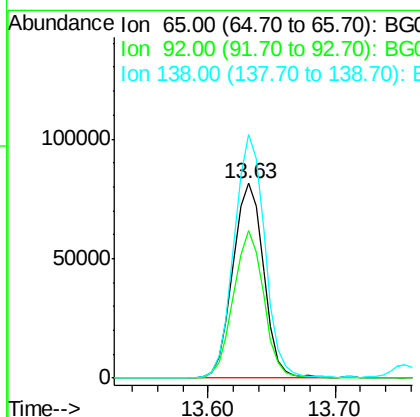
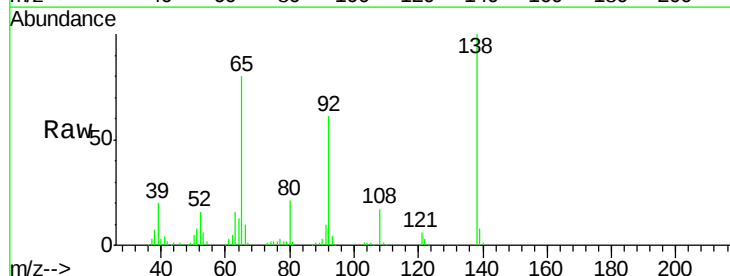
Instrument :
BNA_G
ClientSampleId :
B18-7-9

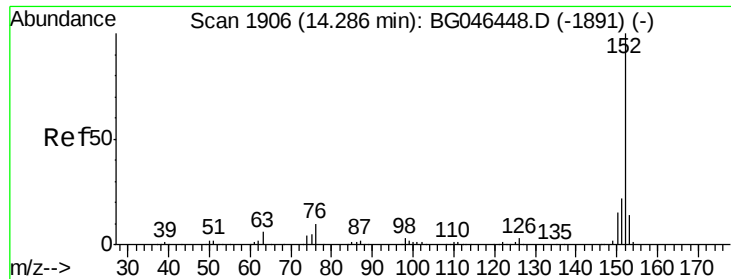
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.1	27.6	41.4
164	33.1	27.3	40.9



#48
2-Nitroaniline
Concen: 40.692 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	58.5	87.7
138	125.2	98.4	147.6





#49

Acenaphthylene

Concen: 42.597 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

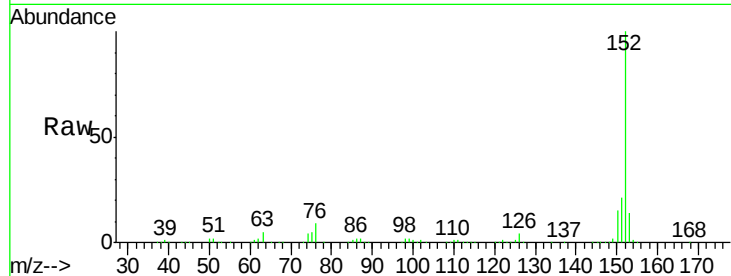
Tot Ion:152 Resp: 786554

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

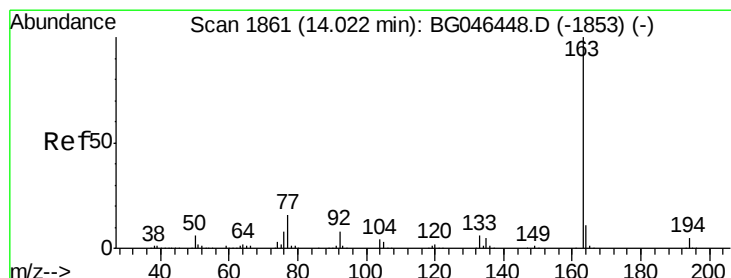
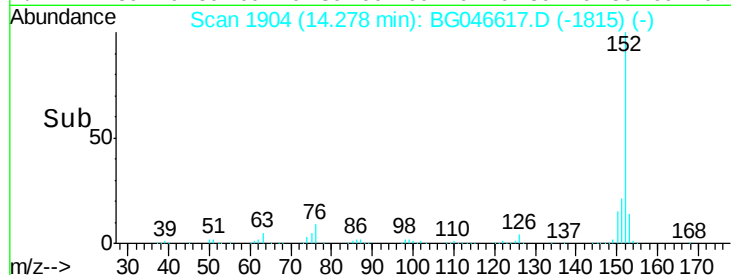
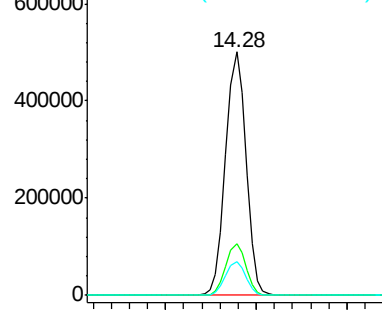
153 14.1 11.2 16.8



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: 41.595 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

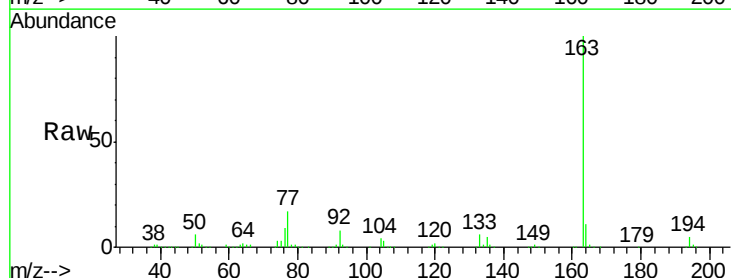
Tgt Ion:163 Resp: 664045

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

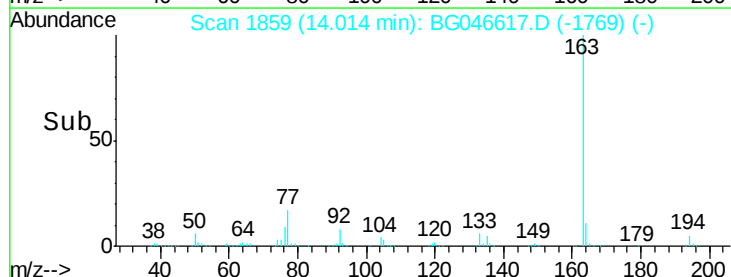
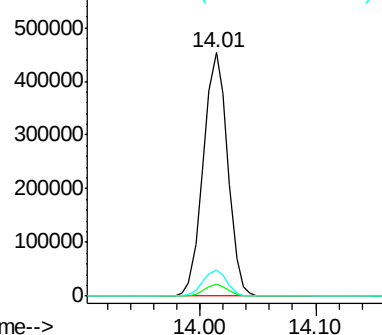
164 10.8 8.6 12.8

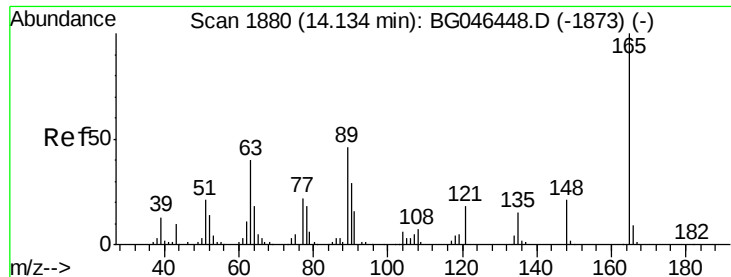


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

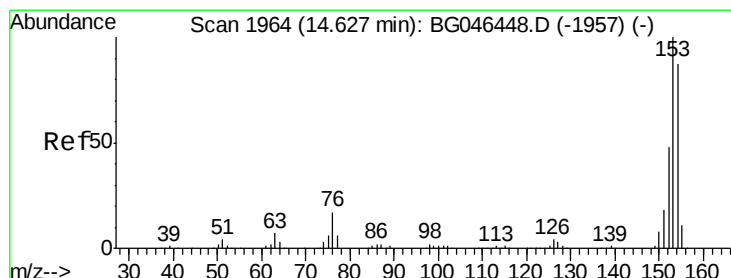
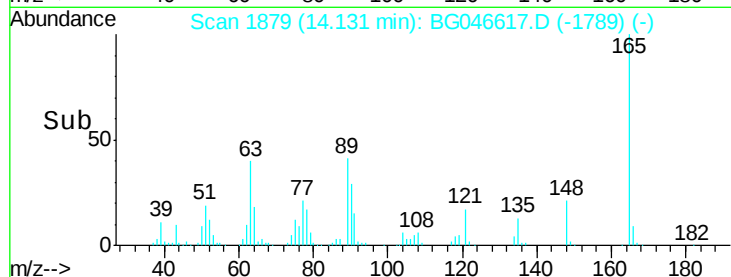
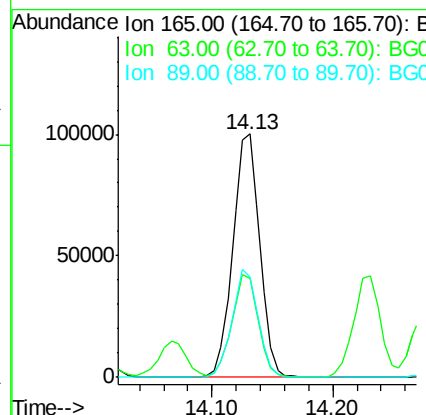
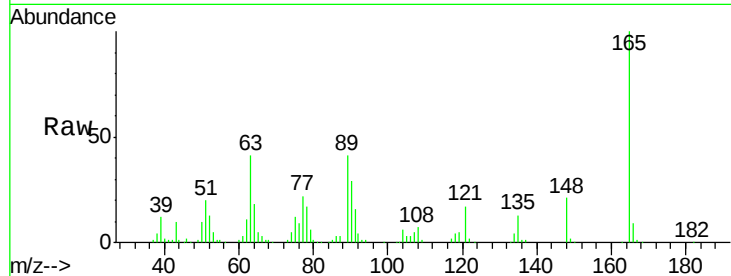




#51
 2,6-Dinitrotoluene
 Concen: 43.854 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

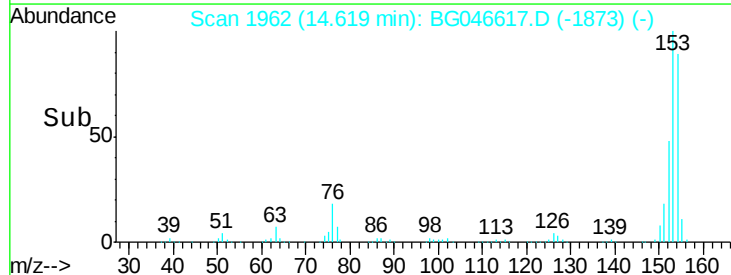
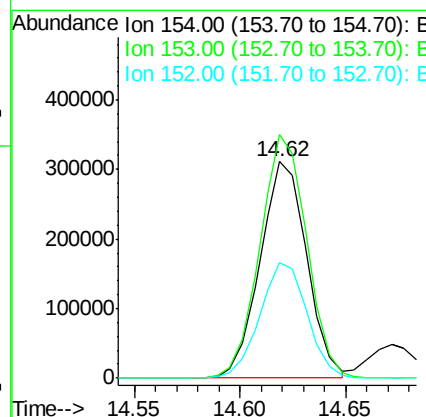
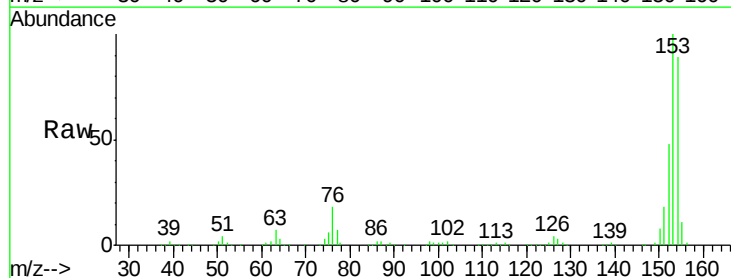
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

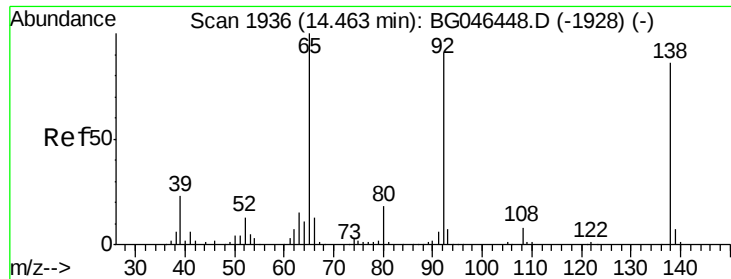
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	34.2	51.4
89	41.4	37.0	55.4



#52
 Acenaphthene
 Concen: 41.682 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.9	137.9
152	53.5	43.8	65.6





#53

3-Nitroaniline

Concen: 20.314 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

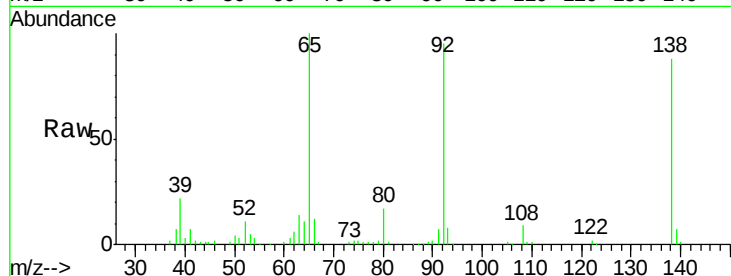
Tot Ion:138 Resp: 77436

Ion Ratio Lower Upper

138 100

108 10.5 7.0 10.6

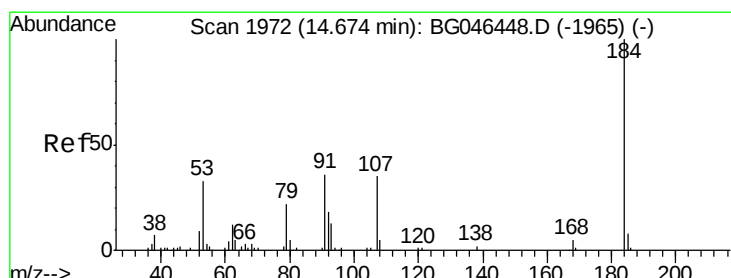
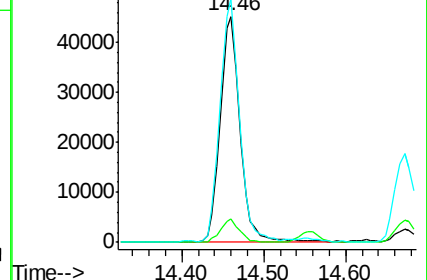
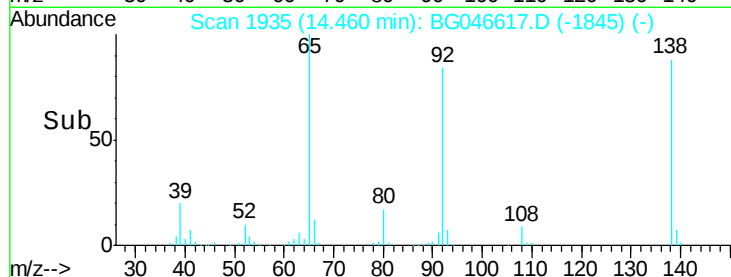
92 107.7 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 79.538 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

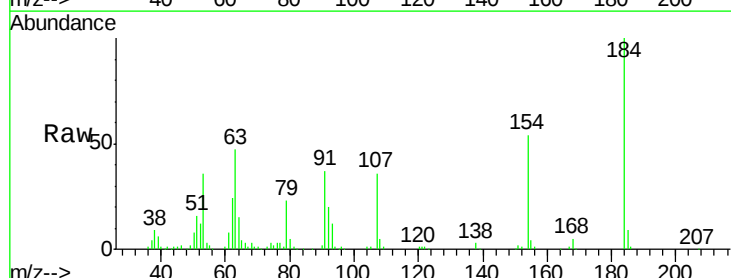
Tgt Ion:184 Resp: 163383

Ion Ratio Lower Upper

184 100

63 46.9 35.6 53.4

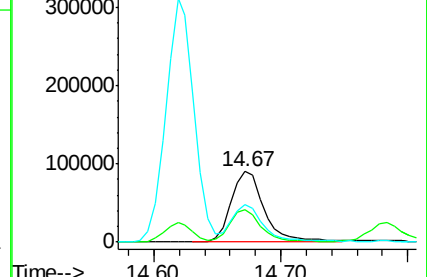
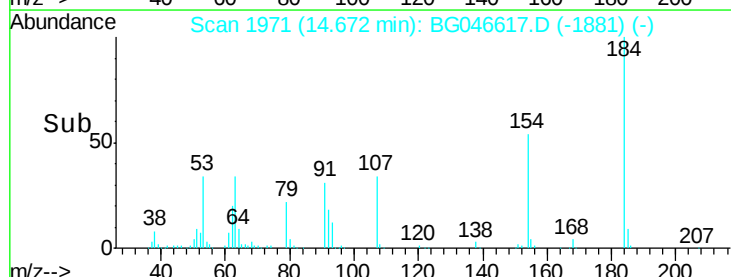
154 53.8 44.3 66.5

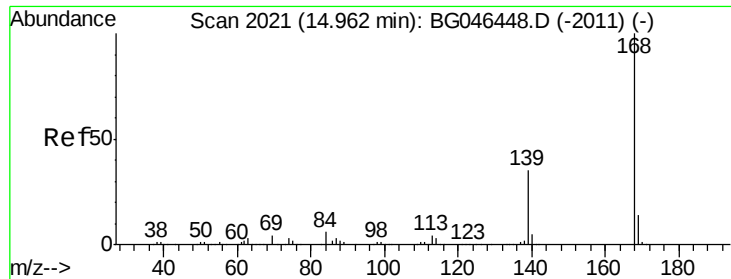


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

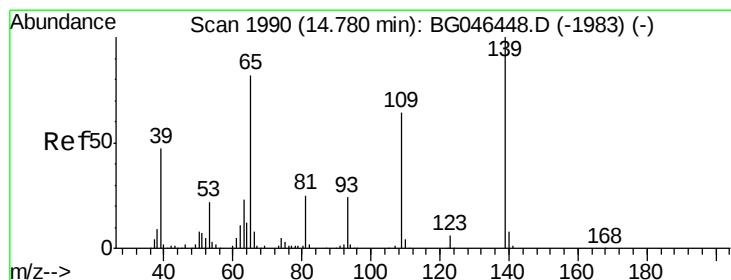
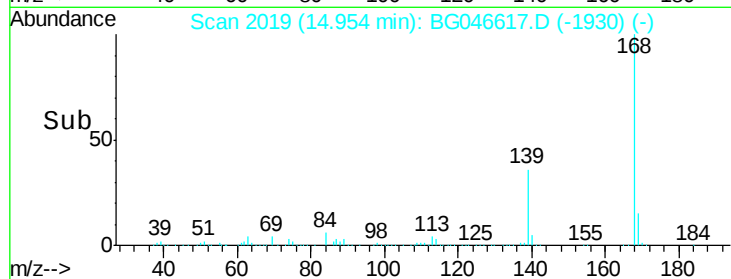
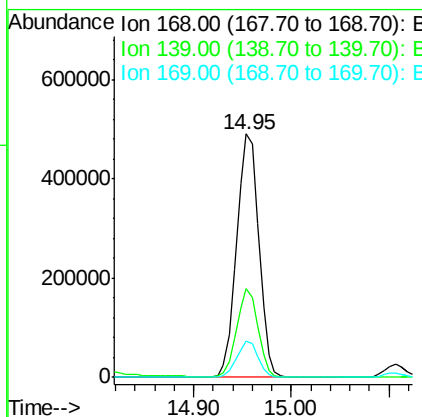
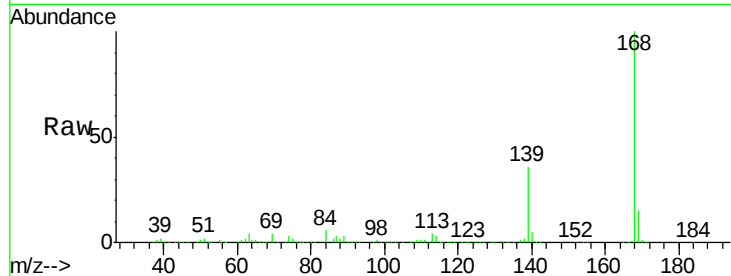




#55
Dibenzofuran
Concen: 42.252 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

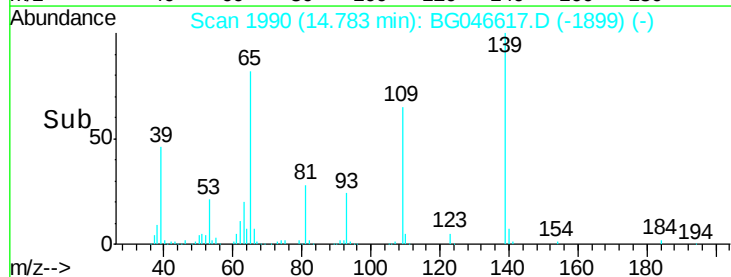
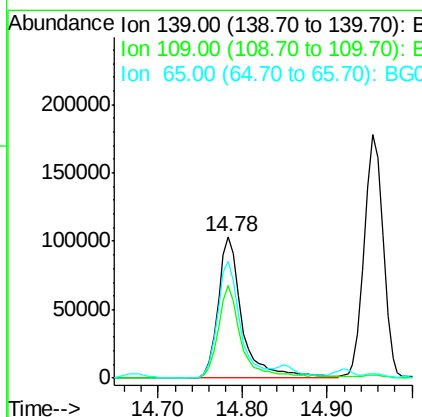
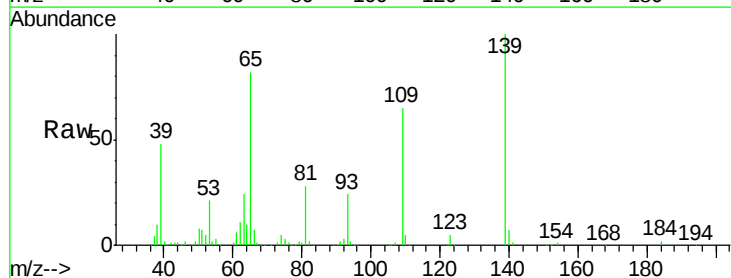
Instrument :
BNA_G
ClientSampleId :
B18-7-9

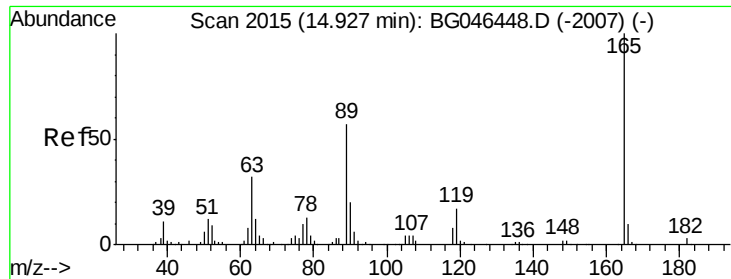
Tot Ion:168 Resp: 775874
Ion Ratio Lower Upper
168 100
139 36.3 28.1 42.1
169 14.6 11.5 17.3



#56
4-Nitrophenol
Concen: 73.628 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:139 Resp: 206560
Ion Ratio Lower Upper
139 100
109 65.0 44.3 84.3
65 82.5 61.5 101.5

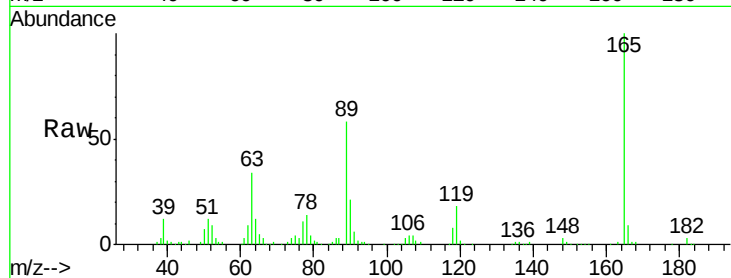




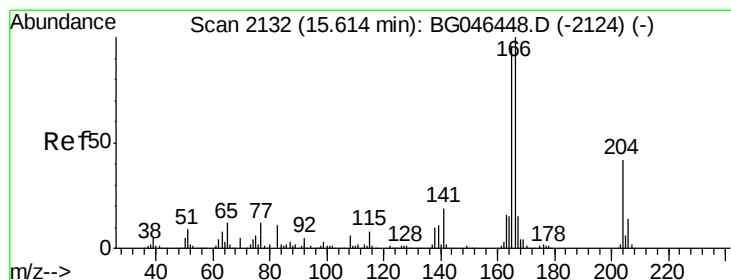
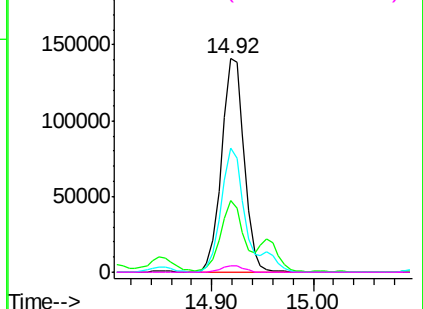
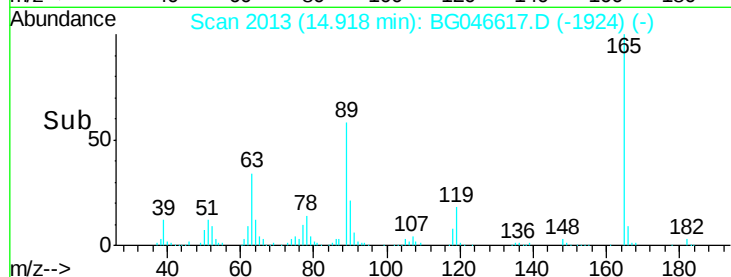
#57
2,4-Dinitrotoluene
Concen: 43.409 ng
RT: 14.92 min Scan# 213
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:165	Resp:	217820
Ion	Ratio	Lower Upper
165	100	
63	33.8	25.4 38.0
89	58.1	45.9 68.9
182	2.9	2.3 3.5

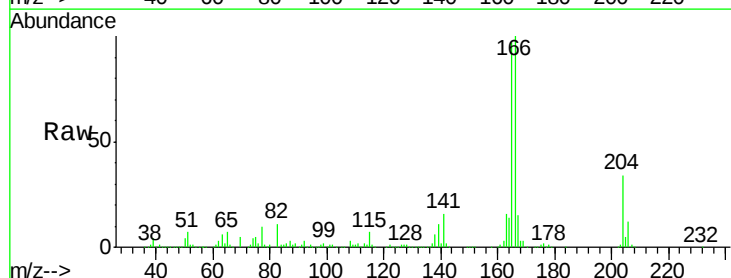


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

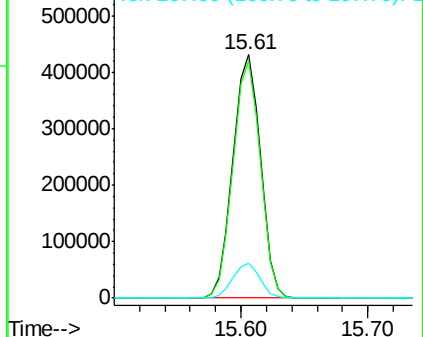
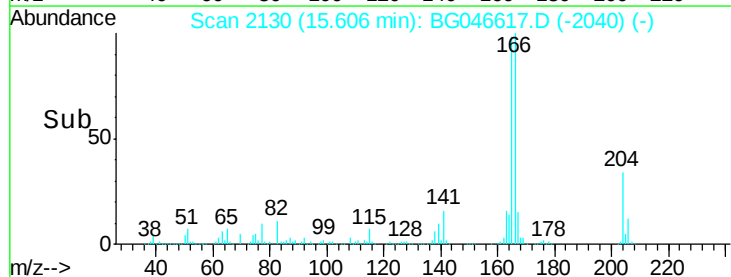


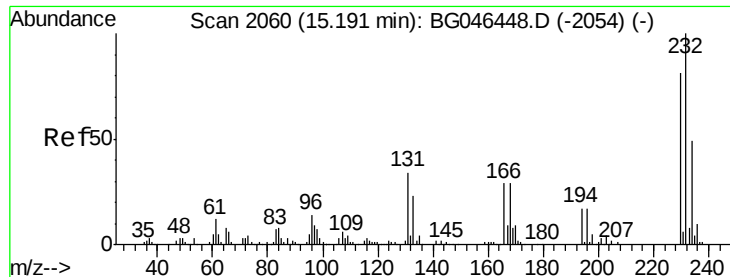
#58
Fluorene
Concen: 42.109 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:166	Resp:	648998
Ion	Ratio	Lower Upper
166	100	
165	97.4	77.0 115.4
167	14.6	11.8 17.6



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

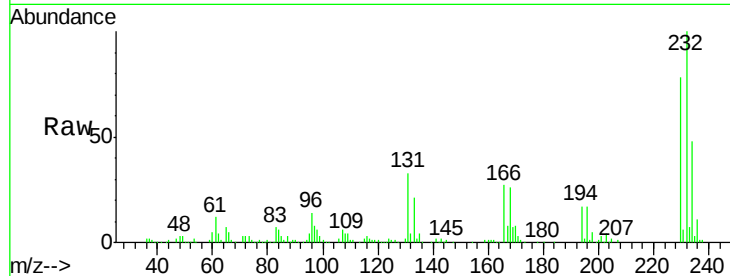




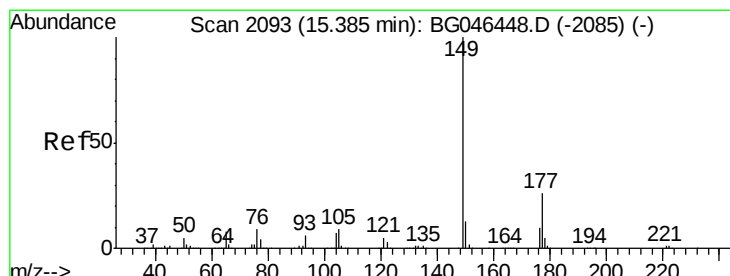
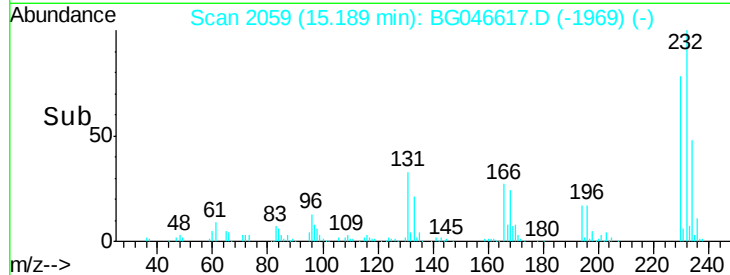
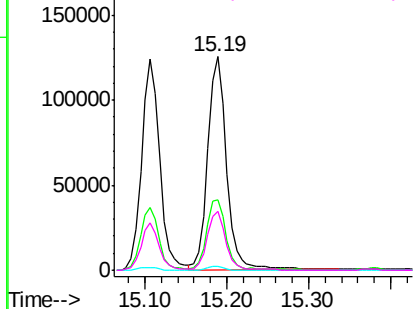
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.635 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

Tot Ion:	232	Resp:	199753
Ion	Ratio	Lower	Upper
232	100		
131	34.6	26.8	40.2
130	1.7	1.4	2.2
166	26.8	22.8	34.2

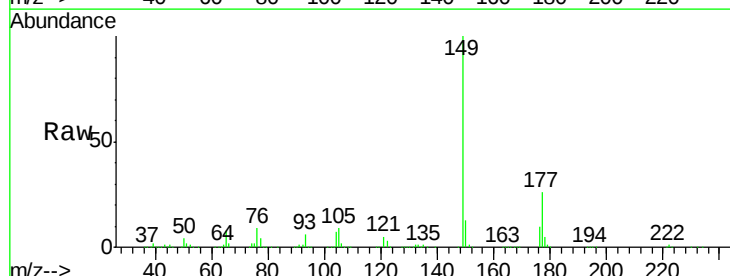


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

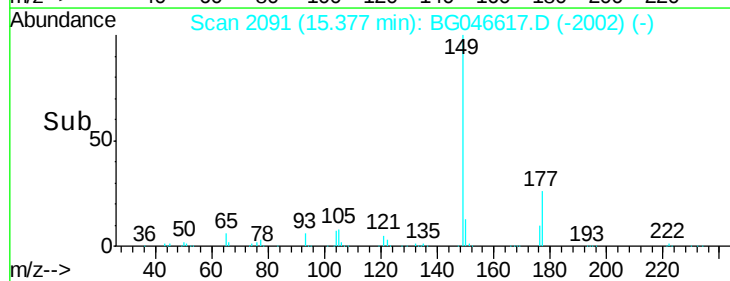
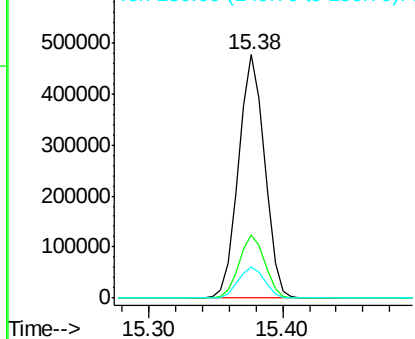


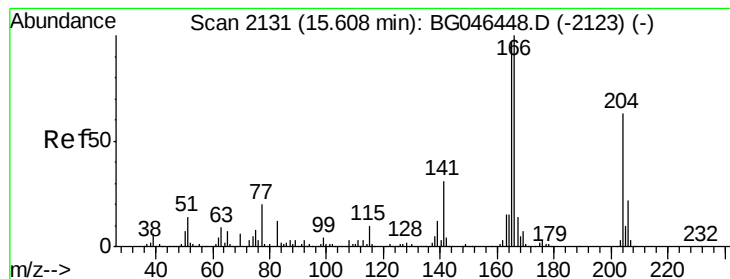
#60
 Diethylphthalate
 Concen: 41.424 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion:	149	Resp:	644780
Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.6	30.8
150	13.0	10.3	15.5



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





#61

4-Chlorophenyl-phenylether

Concen: 41.314 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

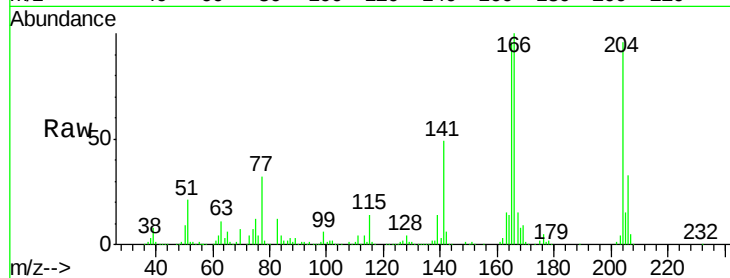
Tot Ion:204 Resp: 350678

Ion Ratio Lower Upper

204 100

206 34.8 27.7 41.5

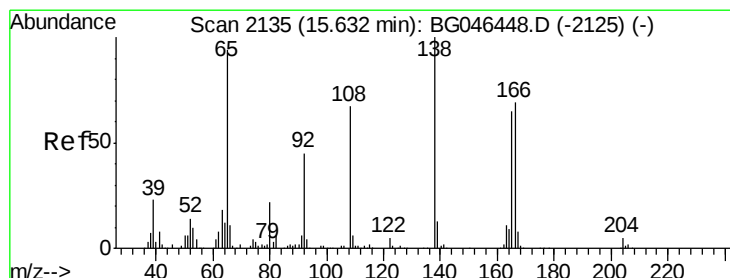
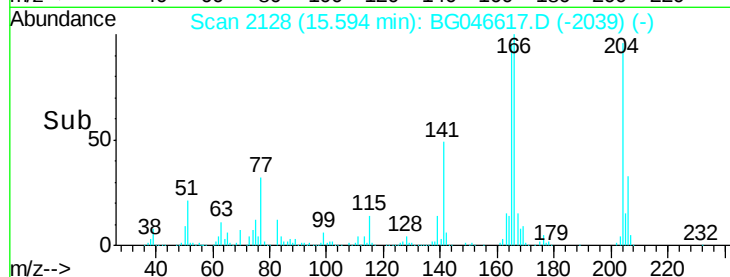
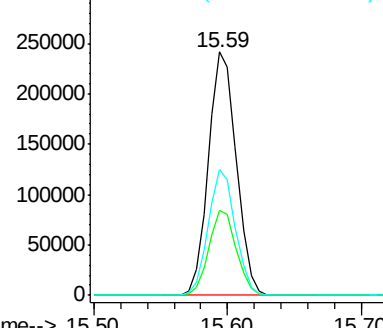
141 51.5 38.7 58.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.859 ng

RT: 15.62 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

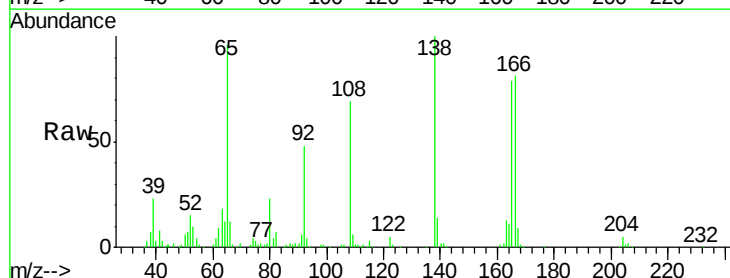
Tgt Ion:138 Resp: 148252

Ion Ratio Lower Upper

138 100

92 47.7 25.3 65.3

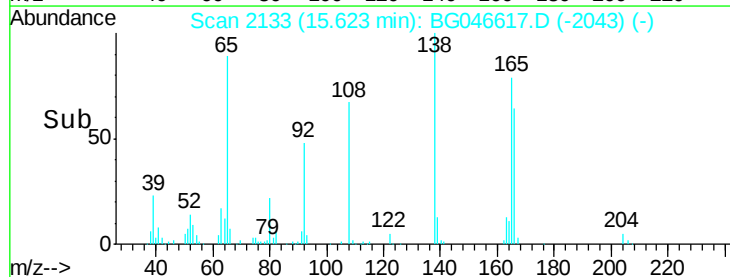
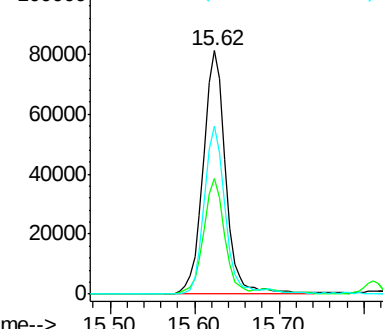
108 68.9 46.7 86.7

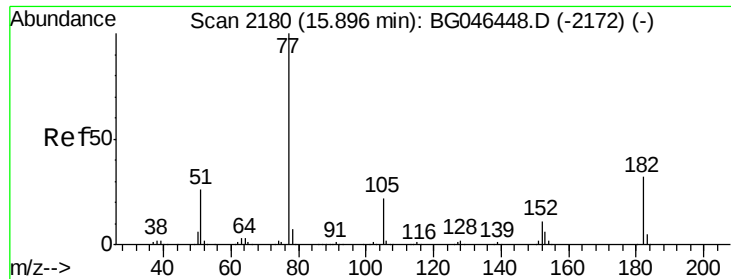


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E

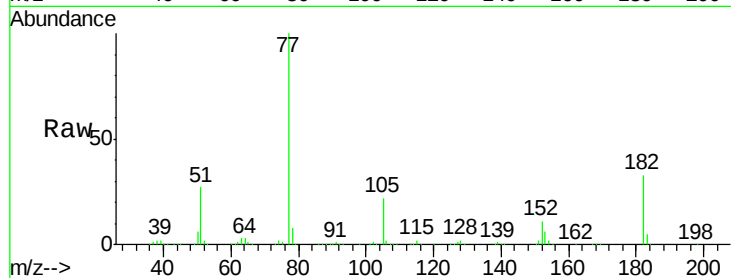




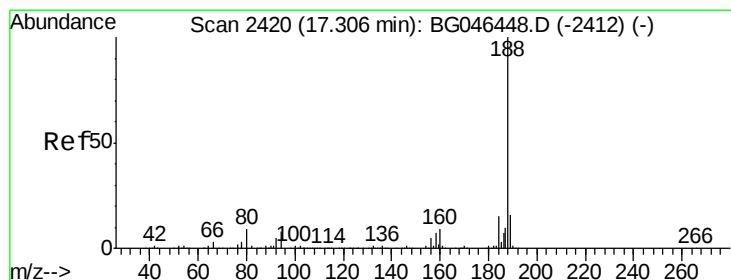
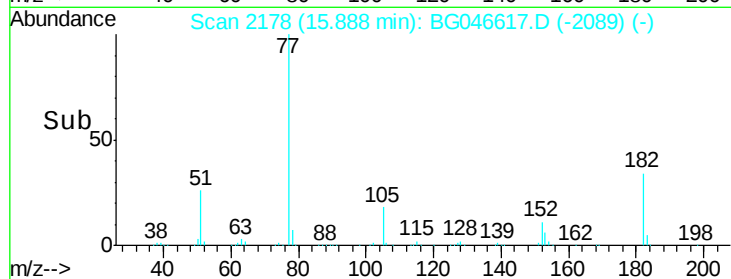
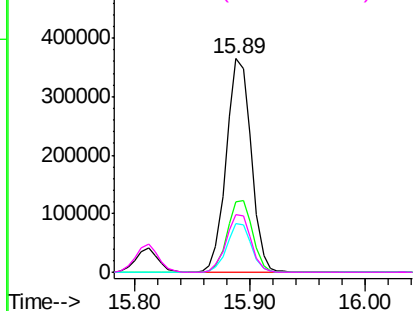
#63
Azobenzene
Concen: 42.857 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampled :
B18-7-9

Tot Ion:	77	Resp:	542639
Ion	Ratio	Lower	Upper
77	100		
182	33.1	12.3	52.3
105	22.5	2.3	42.3
51	27.0	6.5	46.5

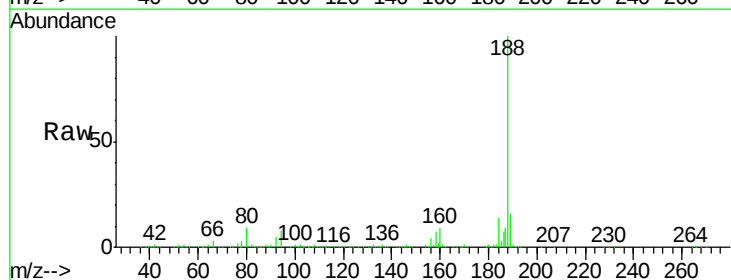


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

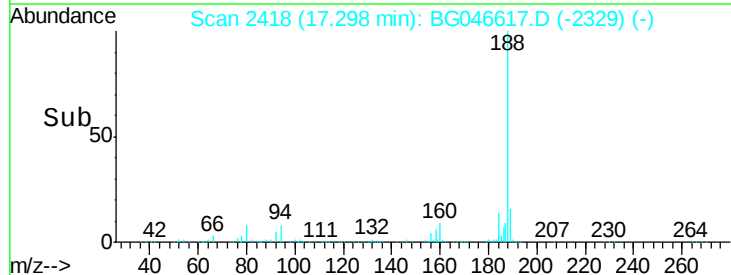
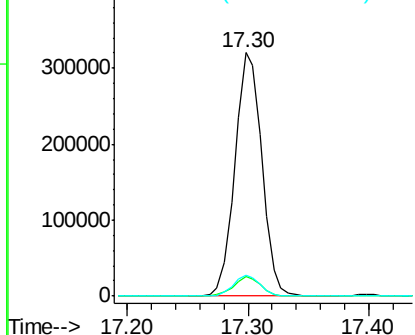


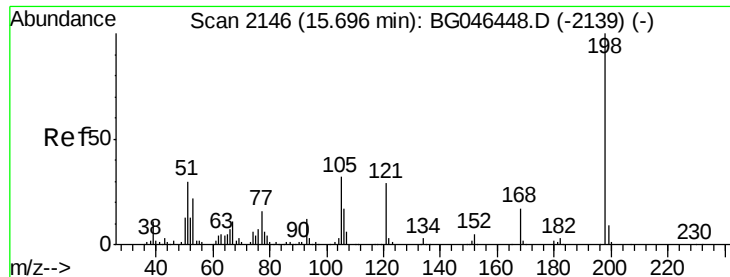
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:	188	Resp:	498846
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.6	6.9	10.3



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

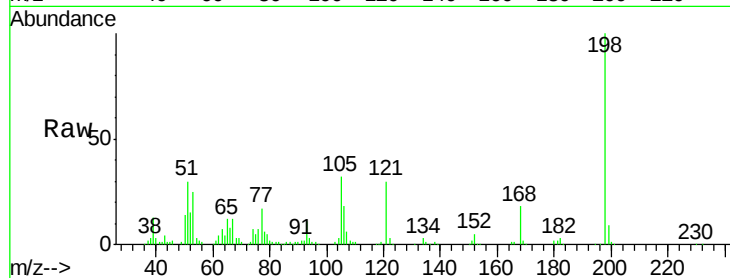




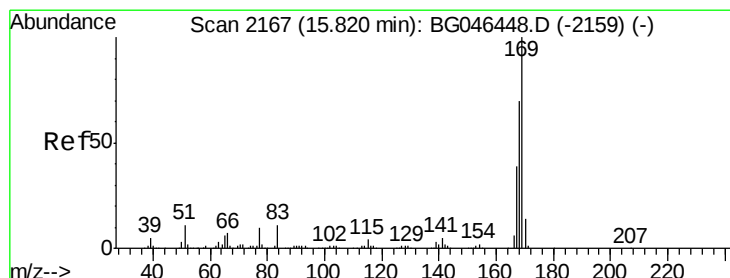
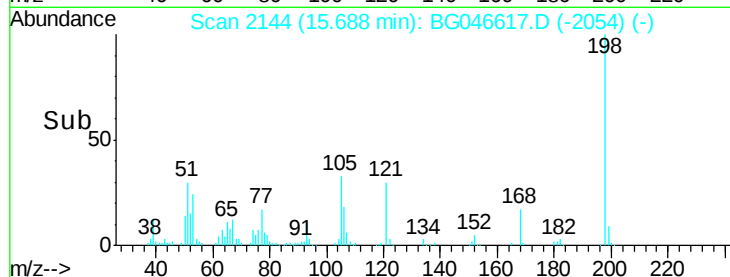
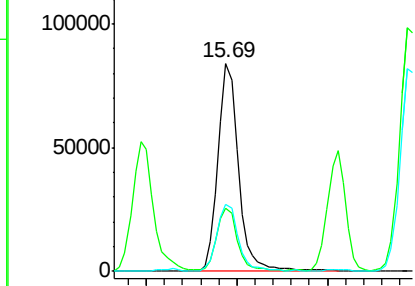
#65
4,6-Dinitro-2-methylphenol
Concen: 46.869 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:198 Resp: 132335
Ion Ratio Lower Upper
198 100
51 30.3 10.4 50.4
105 32.5 12.4 52.4

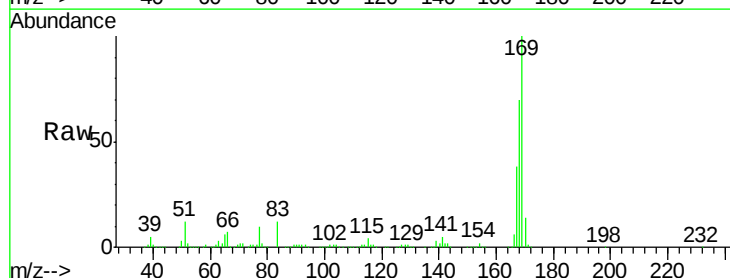


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

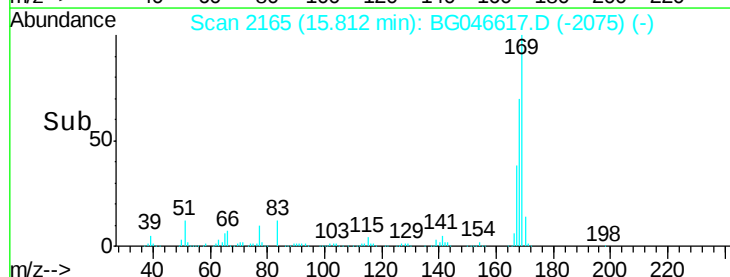
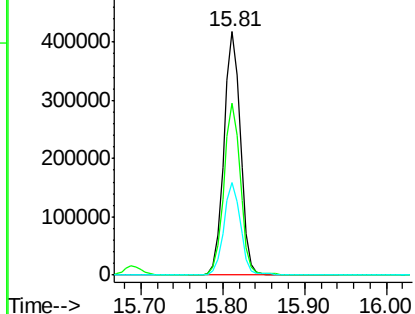


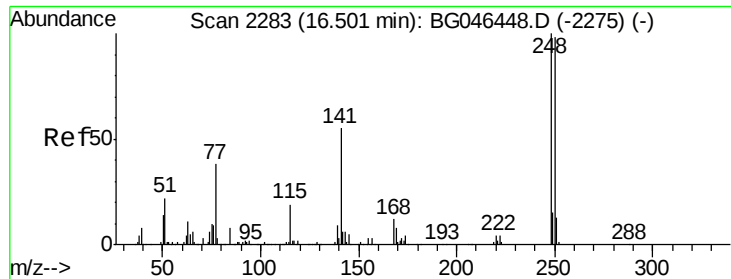
#66
n-Nitrosodiphenylamine
Concen: 43.602 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:169 Resp: 586793
Ion Ratio Lower Upper
169 100
168 70.4 55.8 83.8
167 38.0 31.0 46.6



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

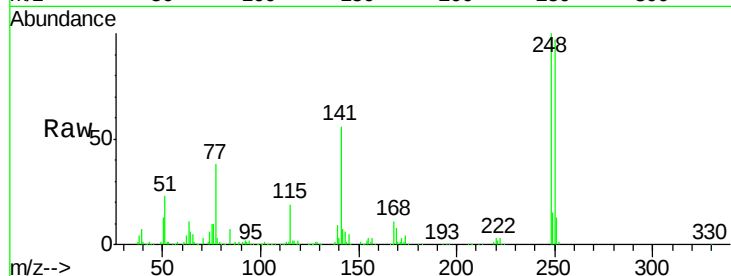




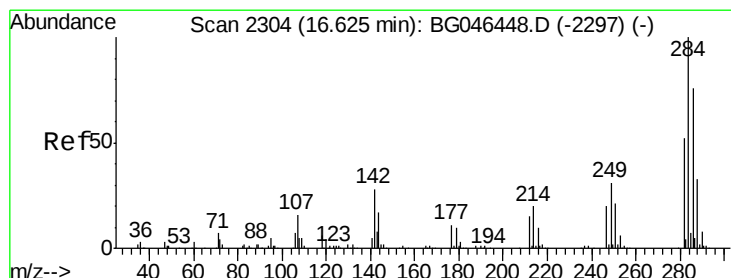
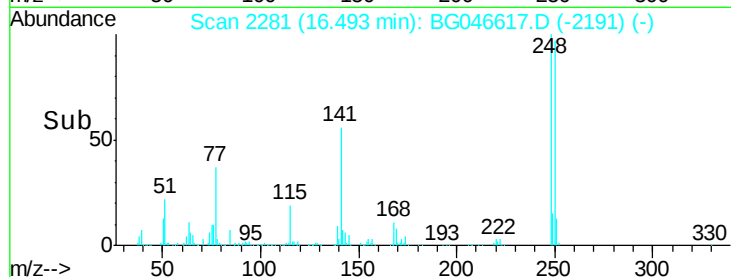
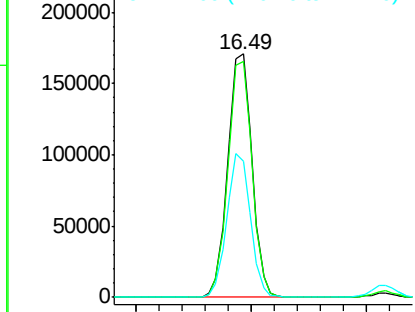
#67
4-Bromophenyl-phenylether
Concen: 42.614 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:248 Resp: 248007
Ion Ratio Lower Upper
248 100
250 96.7 78.6 118.0
141 55.8 43.9 65.9

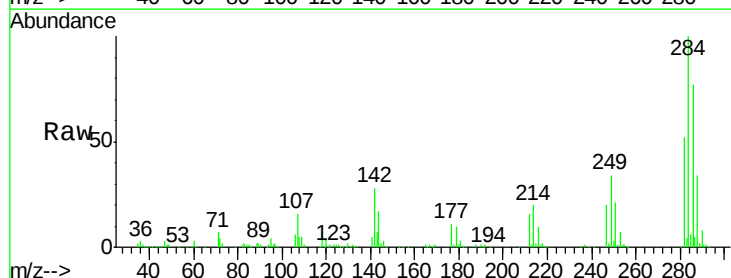


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

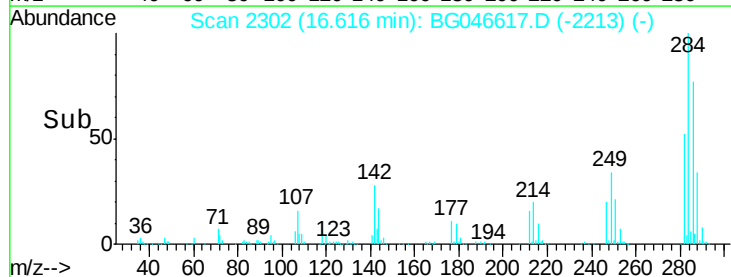
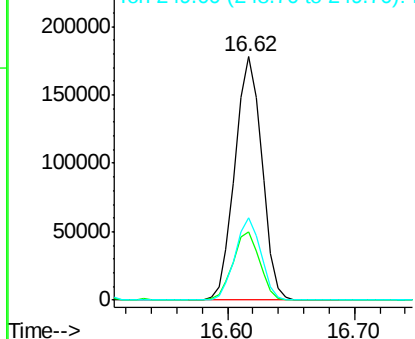


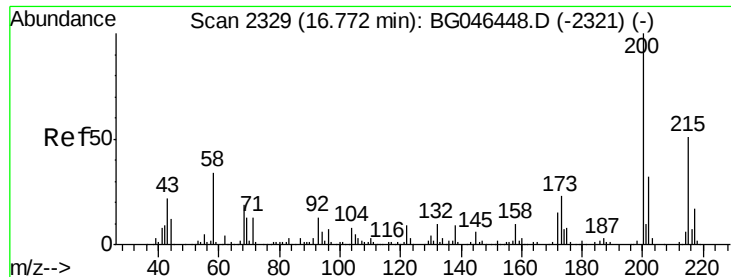
#68
Hexachlorobenzene
Concen: 40.567 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:284 Resp: 261476
Ion Ratio Lower Upper
284 100
142 27.9 22.3 33.5
249 33.8 24.8 37.2



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





#69

Atrazine

Concen: 33.551 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

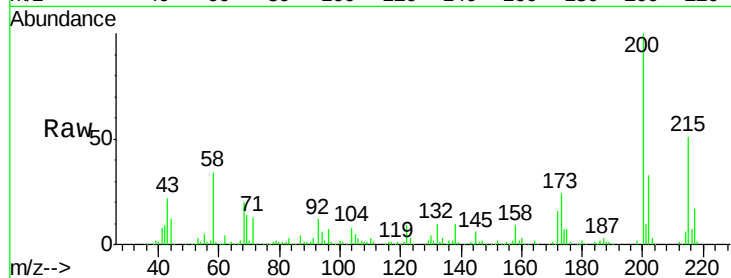
Tot Ion:200 Resp: 184199

Ion Ratio Lower Upper

200 100

173 24.2 3.3 43.3

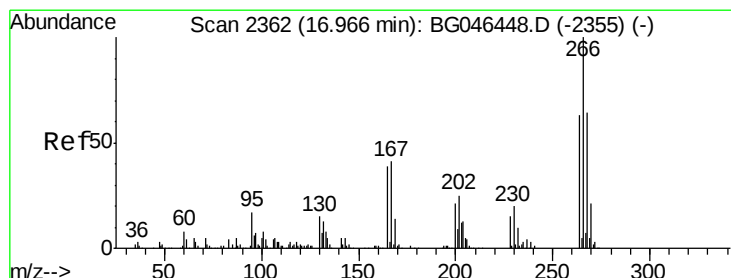
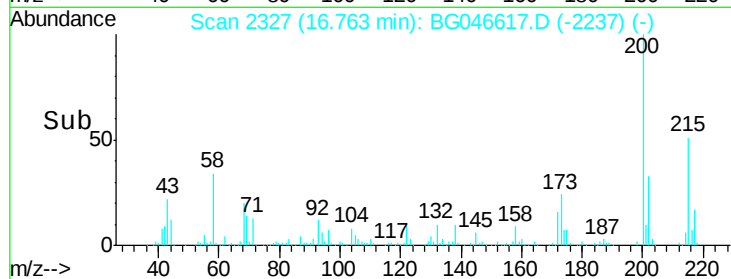
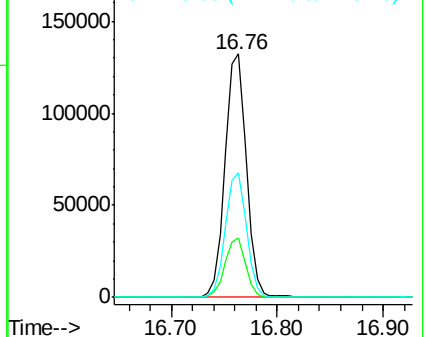
215 51.3 30.9 70.9



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: 83.410 ng

RT: 16.96 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

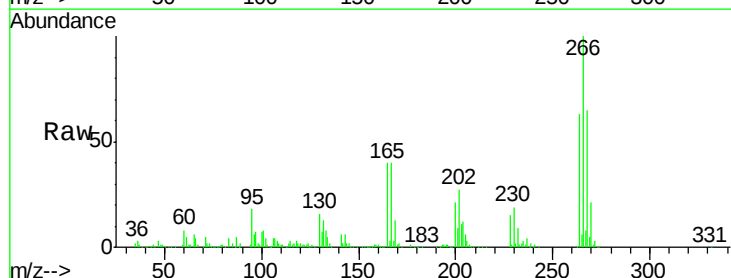
Tgt Ion:266 Resp: 280894

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

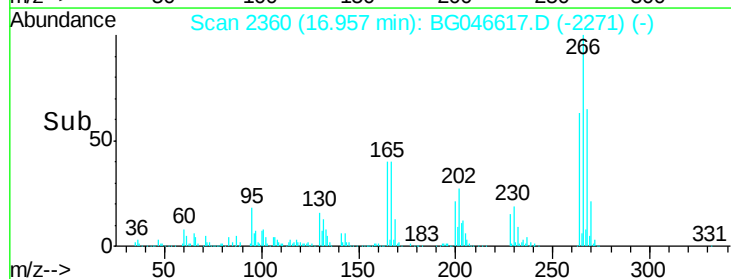
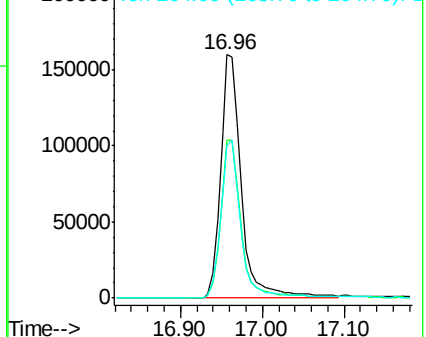
264 62.6 50.2 75.2

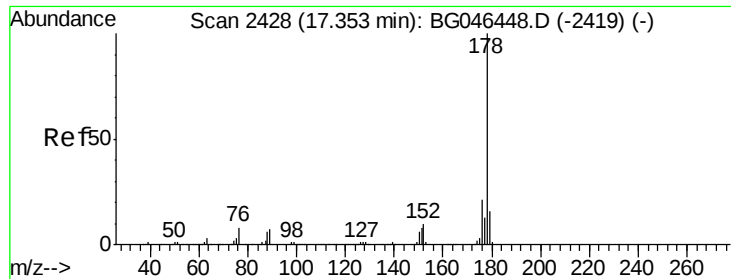


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

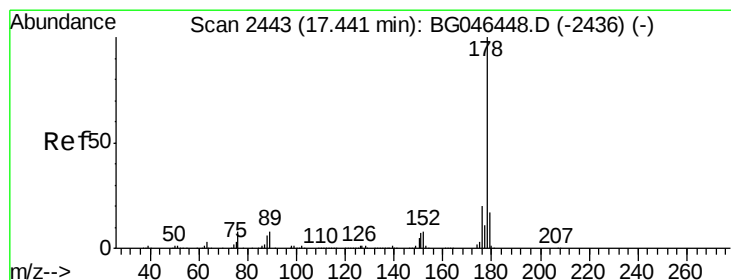
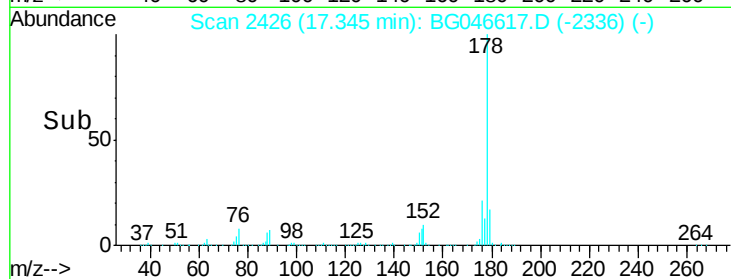
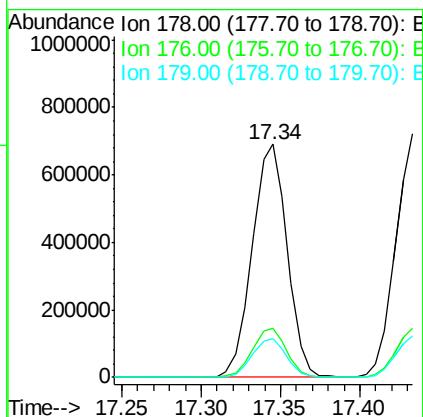
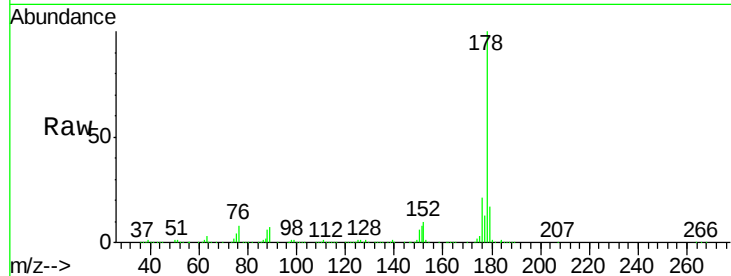




#71
Phenanthrene
Concen: 41.862 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

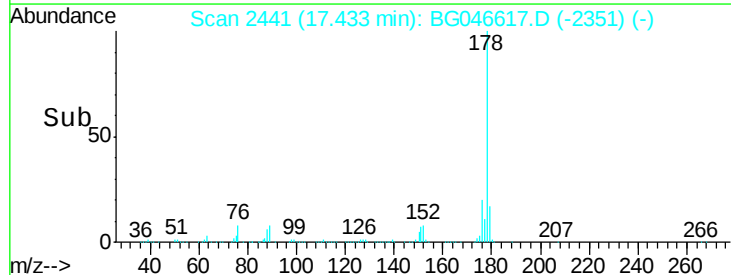
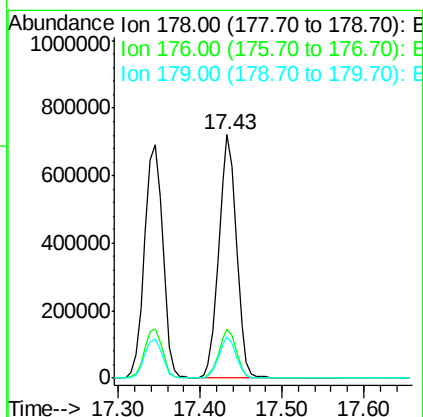
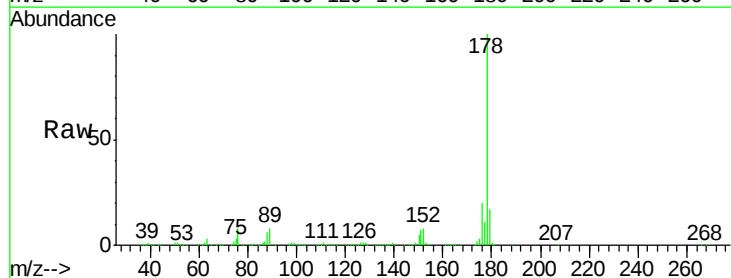
Instrument :
BNA_G
ClientSampleId :
B18-7-9

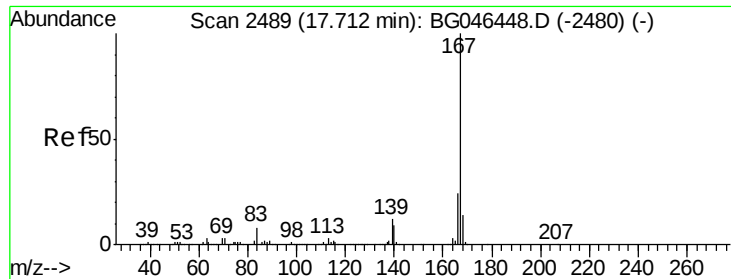
Tot Ion:178 Resp: 1058476
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 16.9 13.2 19.8



#72
Anthracene
Concen: 43.421 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:178 Resp: 1083218
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 17.0 13.3 19.9

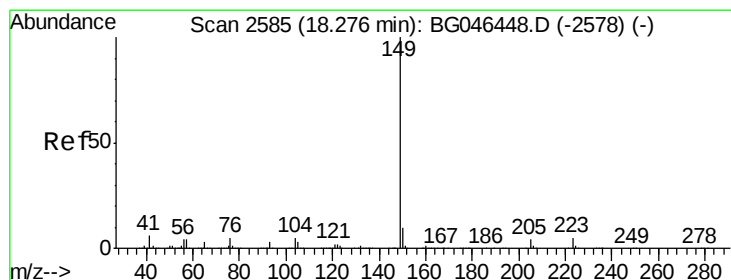
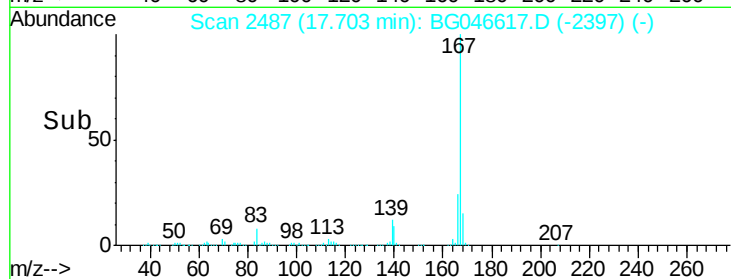
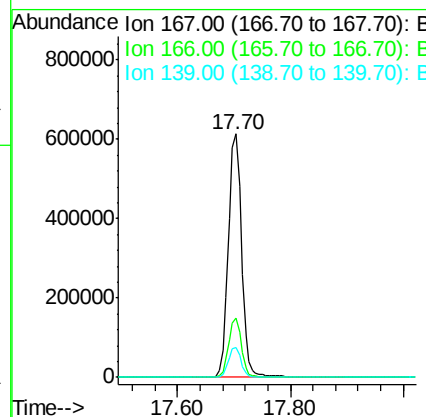
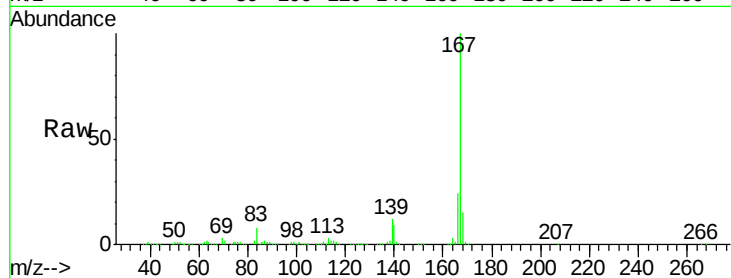




#73
 Carbazole
 Concen: 42.783 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

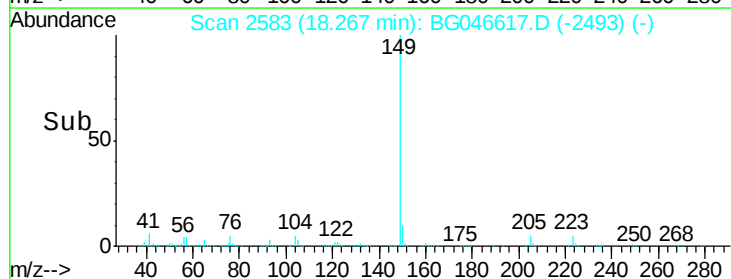
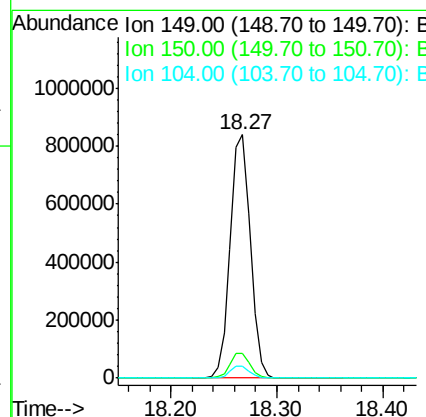
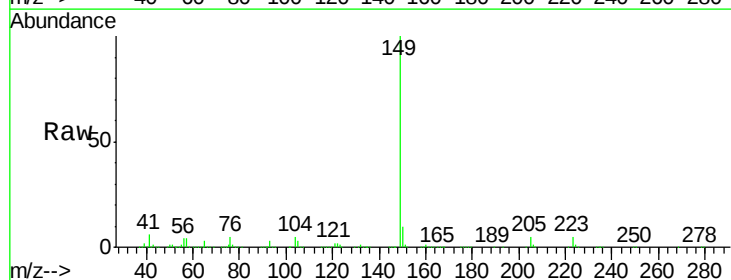
Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

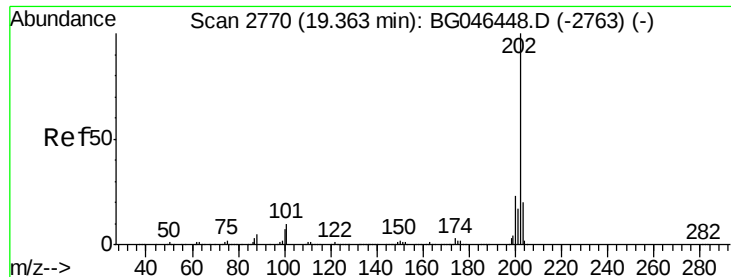
Tot Ion:167 Resp: 1007716
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.3 28.9
 139 12.2 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 40.928 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion:149 Resp: 1108512
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 41.331 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

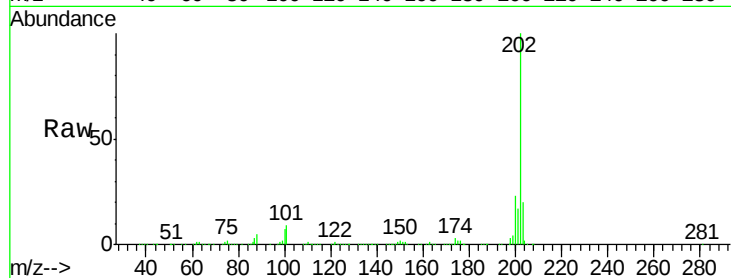
Tot Ion:202 Resp: 1344865

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

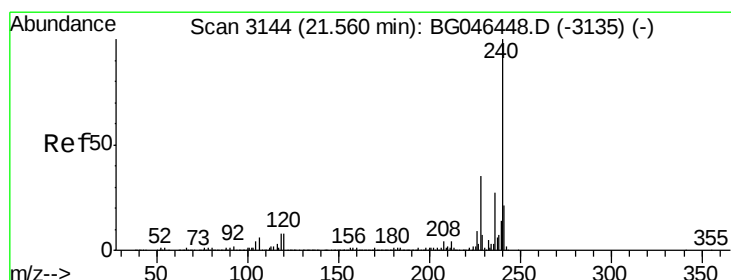
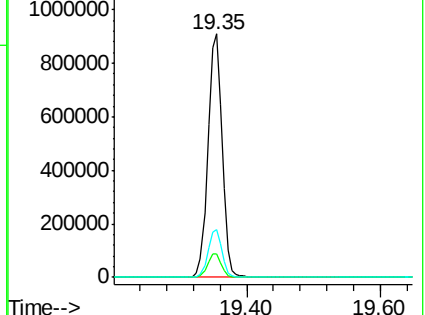
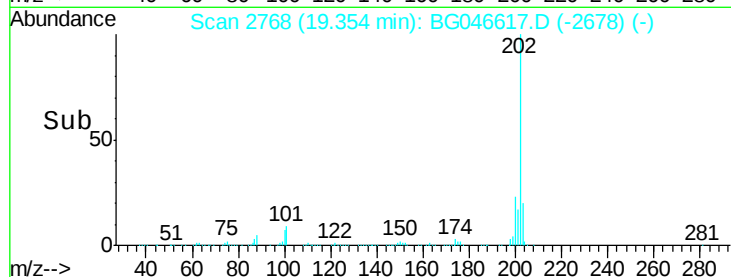
203 19.8 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

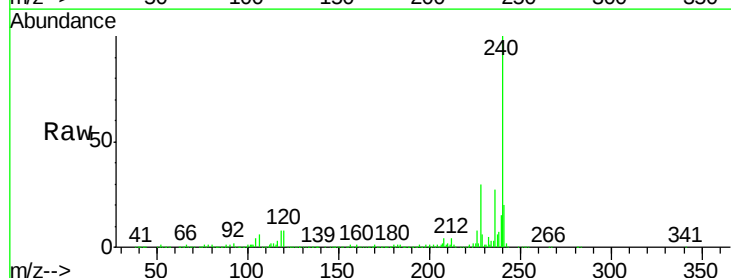
Tgt Ion:240 Resp: 498262

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

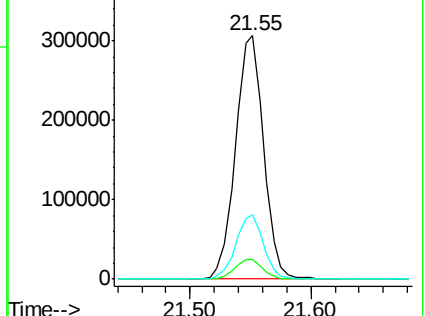
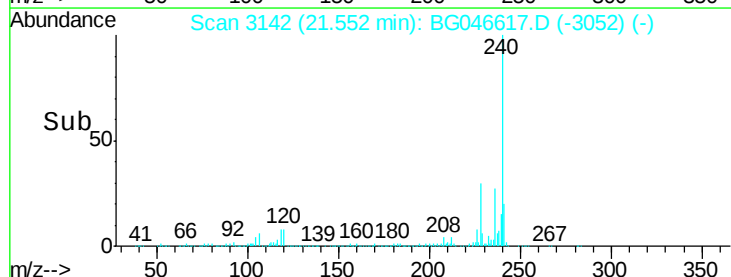
236 26.6 21.4 32.2

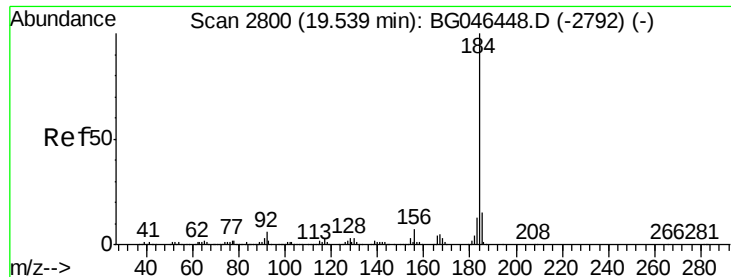


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.077 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

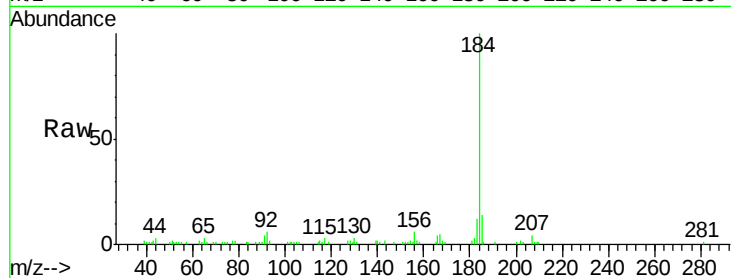
Tot Ion:184 Resp: 58779

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.8

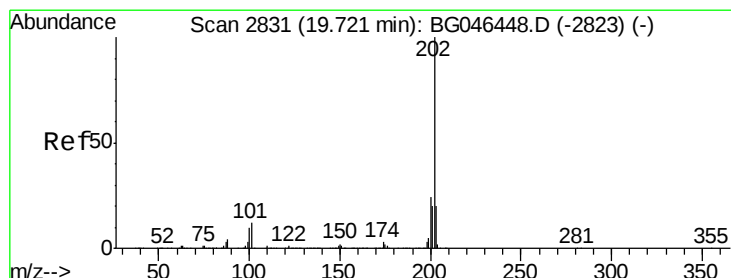
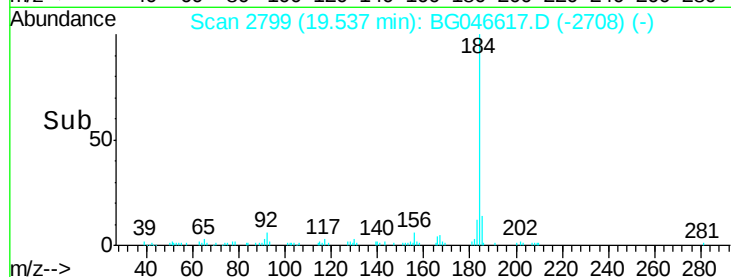
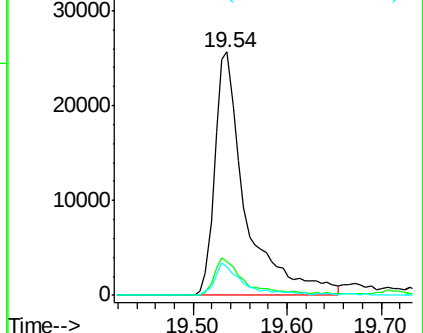
183 11.5 10.7 16.1



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: 42.446 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

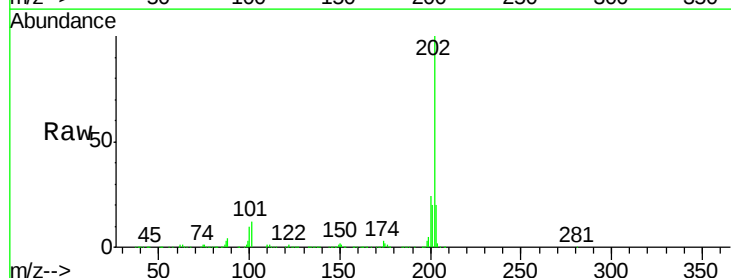
Tgt Ion:202 Resp: 1346747

Ion Ratio Lower Upper

202 100

200 23.5 18.9 28.3

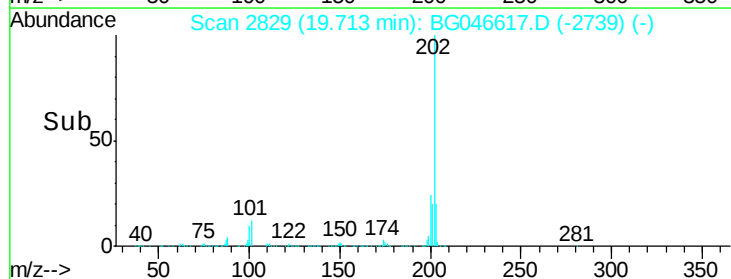
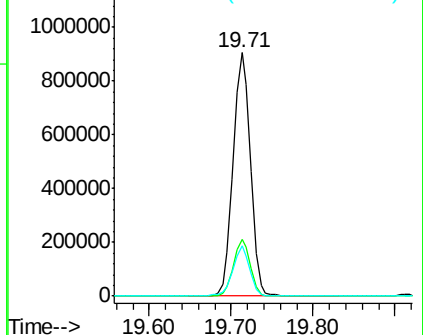
203 20.5 16.1 24.1

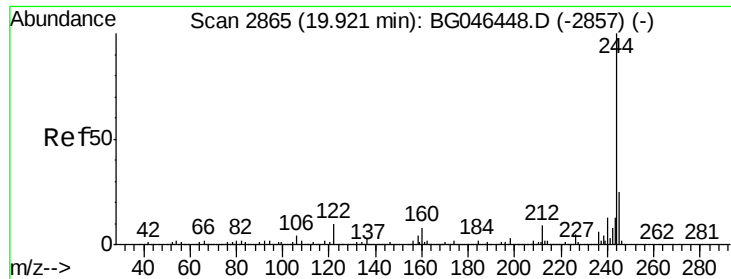


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.947 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

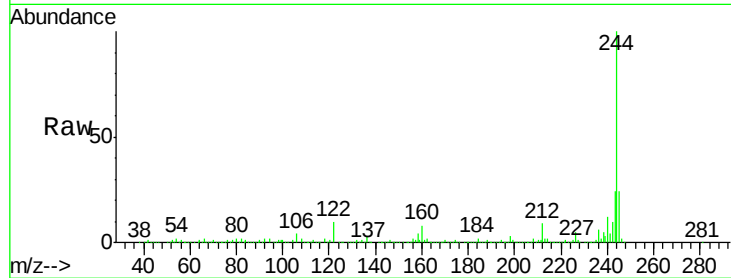
BNA_G

ClientSampleId :

B18-7-9

Tot Ion:244 Resp: 1661047

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.1	8.2	12.4

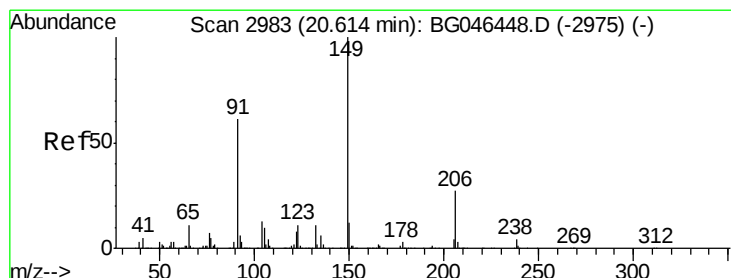
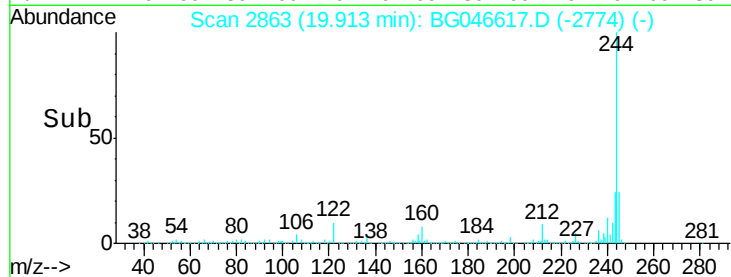
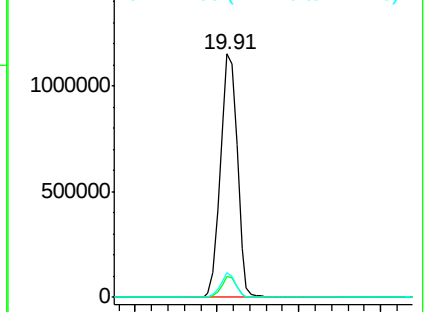


Abundance

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: 41.019 ng

RT: 20.60 min Scan# 2980

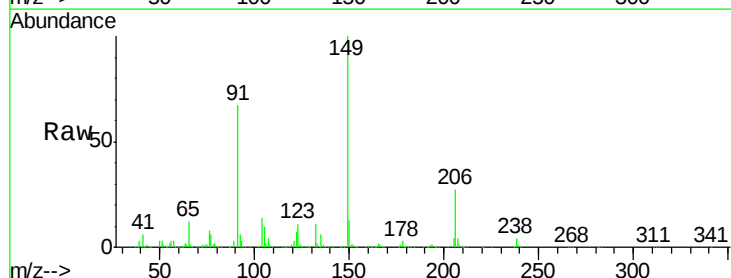
Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Tgt Ion:149 Resp: 507650

Ion	Ratio	Lower	Upper
149	100		
91	66.7	49.1	73.7
206	27.2	21.9	32.9

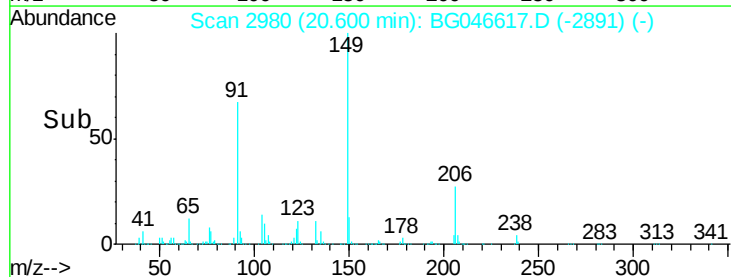
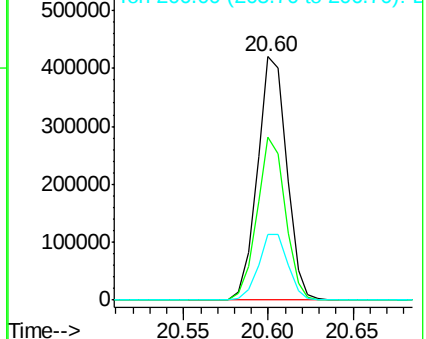


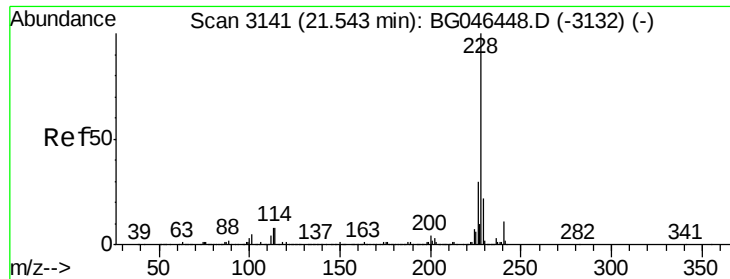
Abundance

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

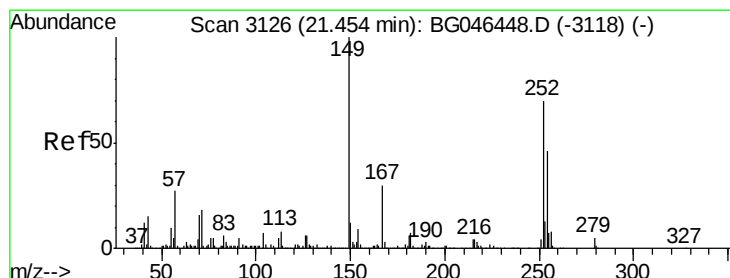
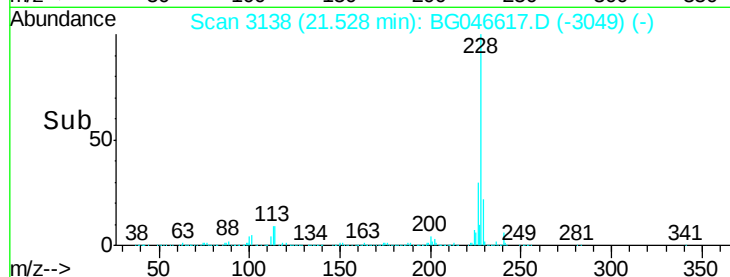
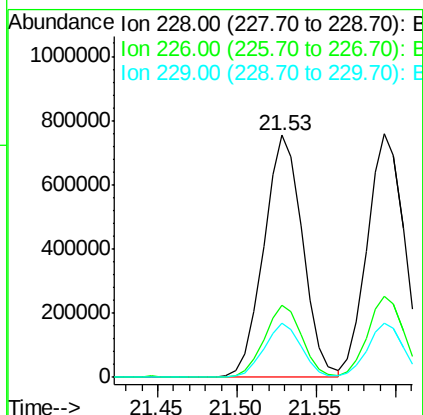
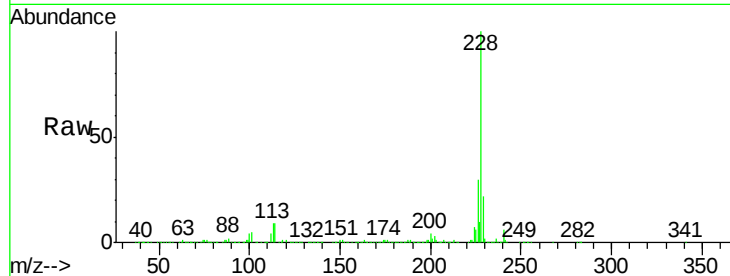




#81
Benzo(a)anthracene
Concen: 41.298 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

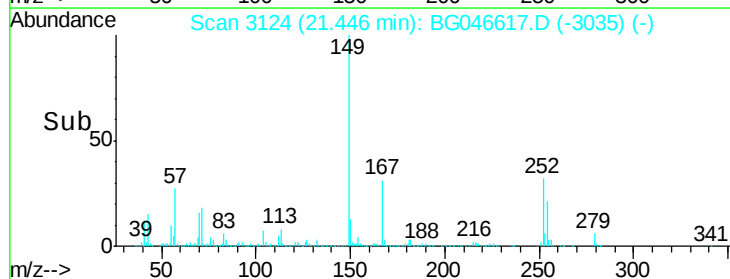
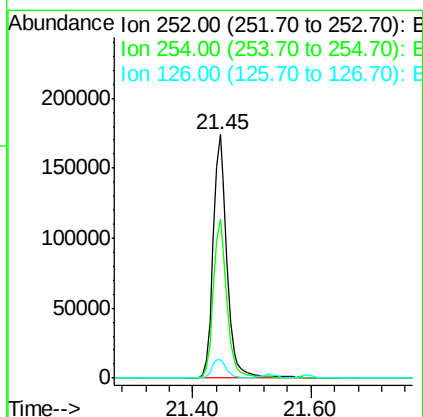
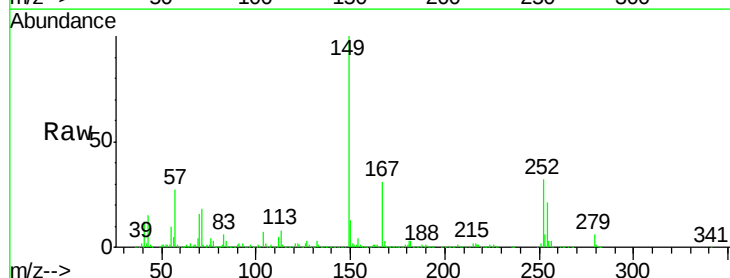
Instrument :
BNA_G
ClientSampled :
B18-7-9

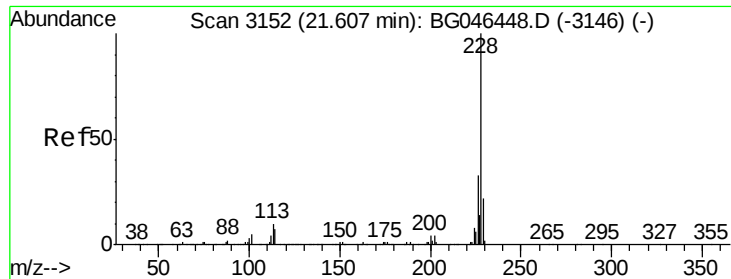
Tot Ion:228 Resp: 1282576
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.4
229 22.5 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 24.821 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:252 Resp: 286074
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 7.7 7.4 11.0





#83

Chrysene

Concen: 41.363 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

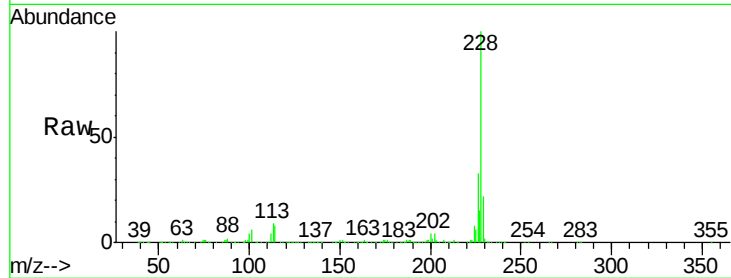
Tot Ion:228 Resp: 1235672

Ion Ratio Lower Upper

228 100

226 33.2 26.2 39.4

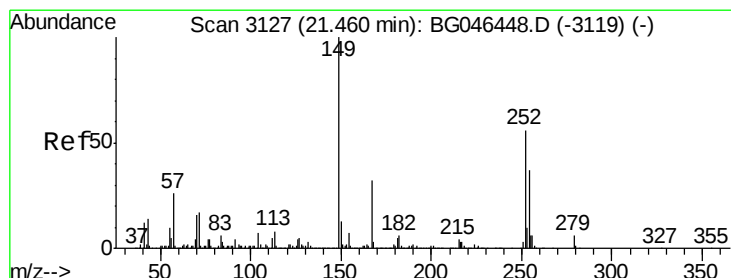
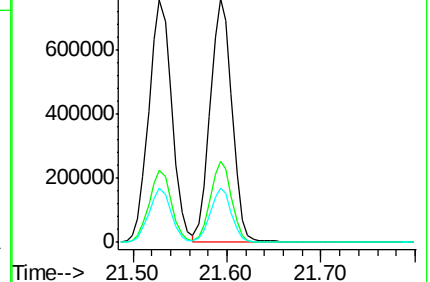
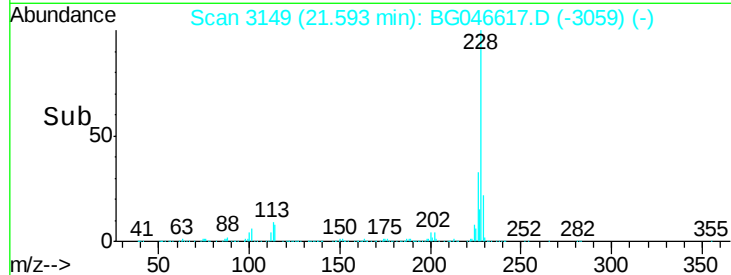
229 22.5 17.9 26.9



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: 42.215 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

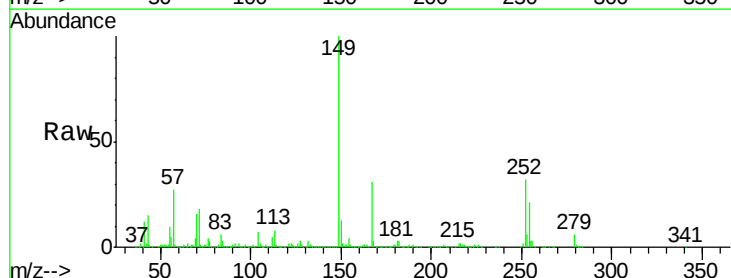
Tgt Ion:149 Resp: 712983

Ion Ratio Lower Upper

149 100

167 31.3 25.4 38.2

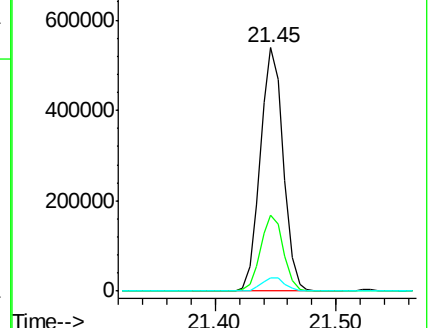
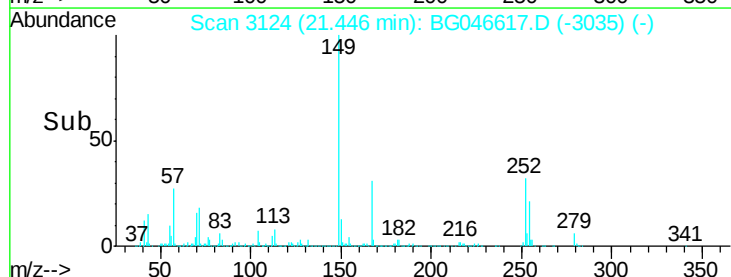
279 5.6 4.5 6.7

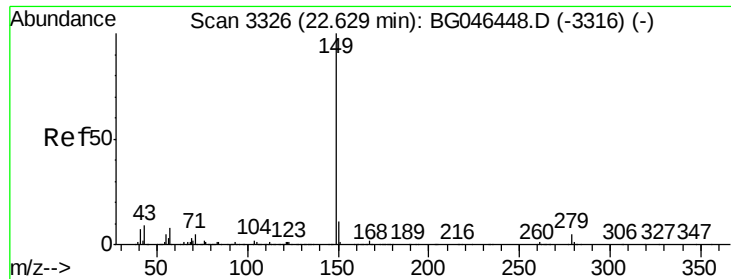


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.105 ng

RT: 22.62 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

B18-7-9

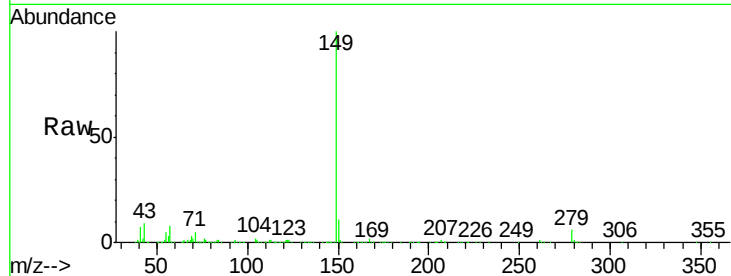
Tot Ion:149 Resp: 1246557

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

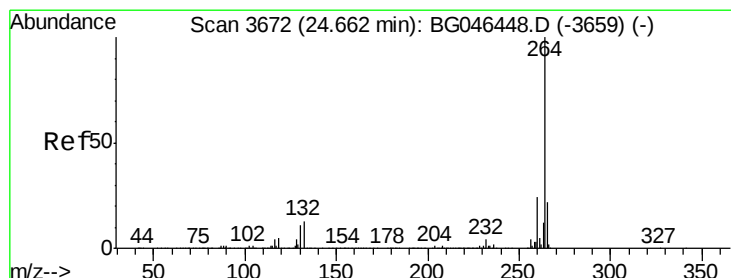
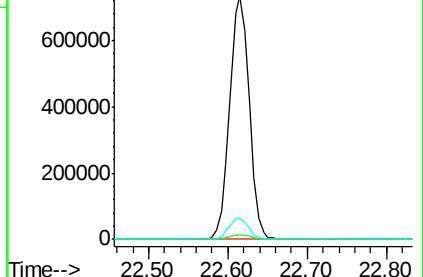
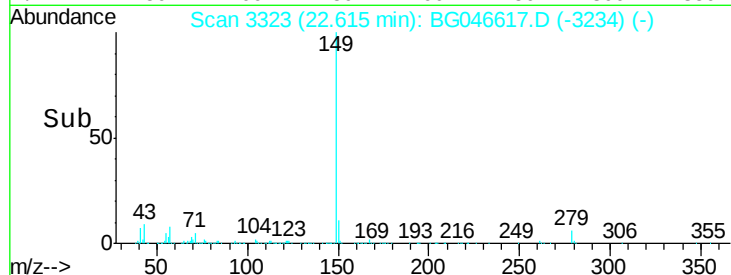
43 8.6 7.0 10.4



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: 24.64 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BG046617.D

Acq: 14 Sep 2020 23:33

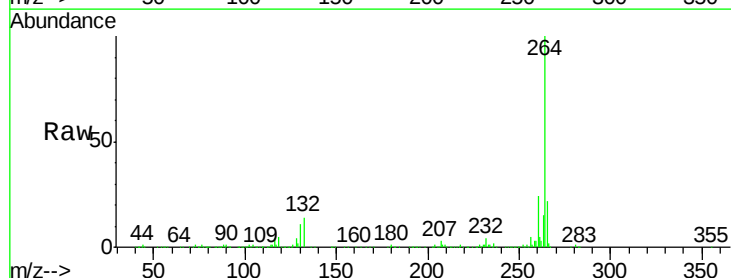
Tgt Ion:264 Resp: 509438

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

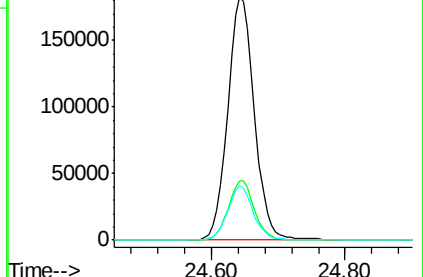
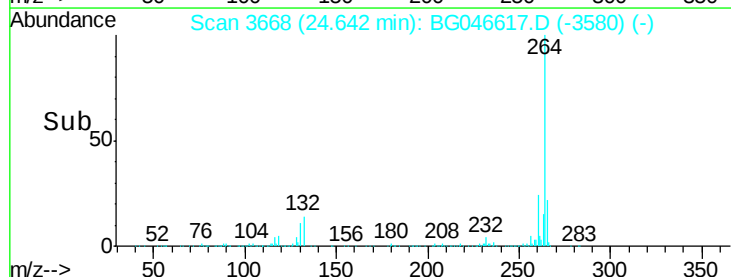
265 22.3 17.9 26.9

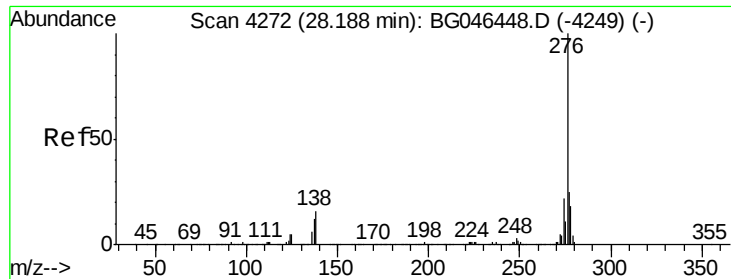


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



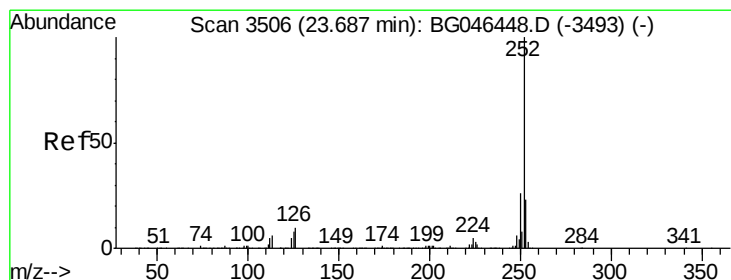
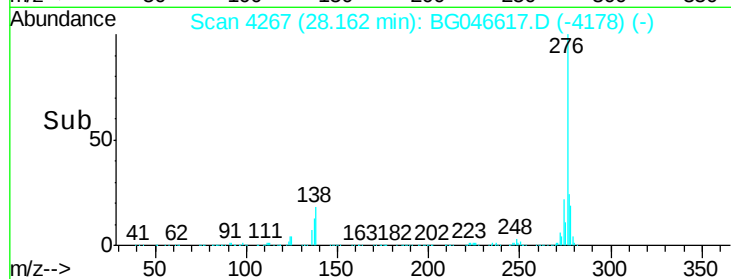
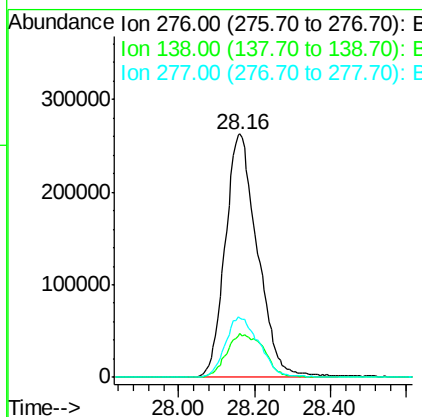
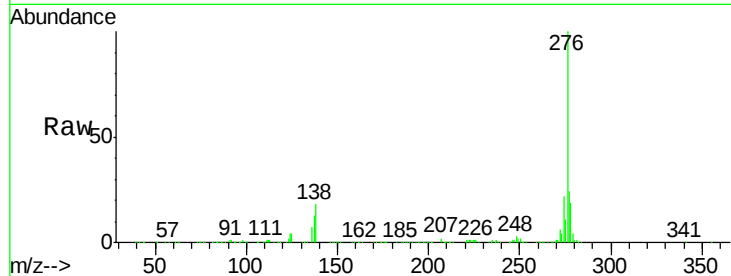


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.665 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Instrument :
 BNA_G
 ClientSampleId :
 B18-7-9

Tot Ion:276 Resp: 1561051

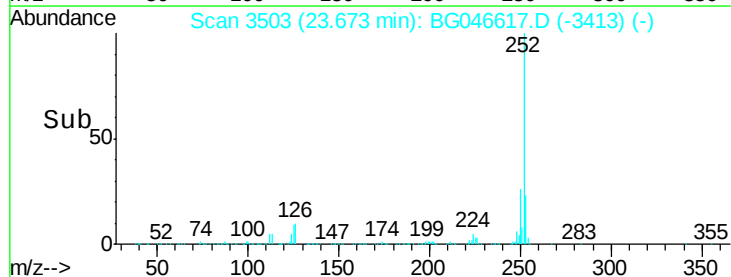
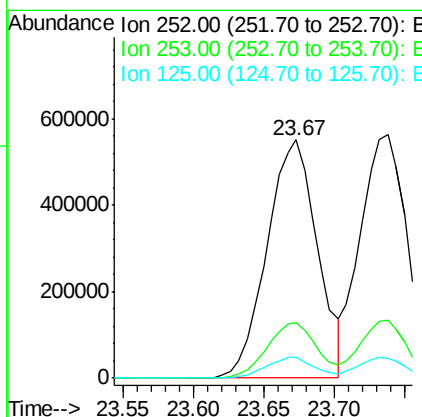
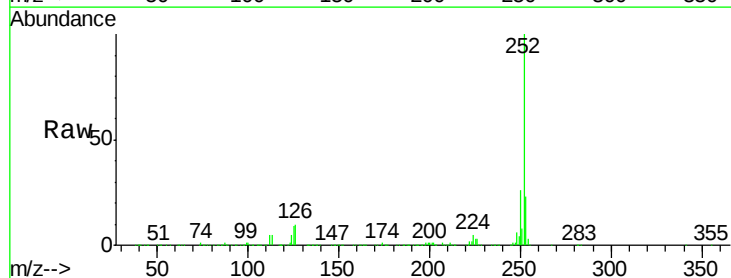
Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	25.9	20.7	31.1

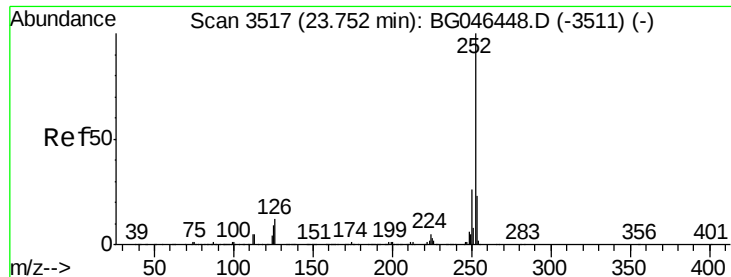


#88
 Benzo(b)fluoranthene
 Concen: 43.029 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046617.D
 Acq: 14 Sep 2020 23:33

Tgt Ion:252 Resp: 1368750

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	8.5	6.2	9.2

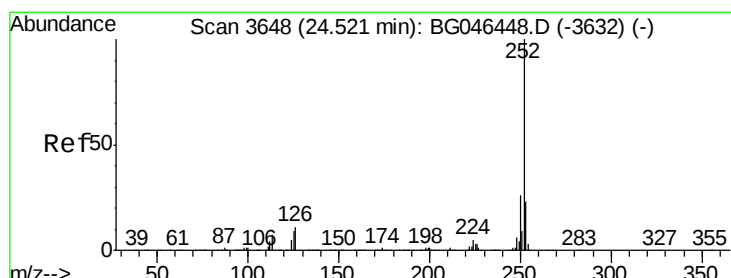
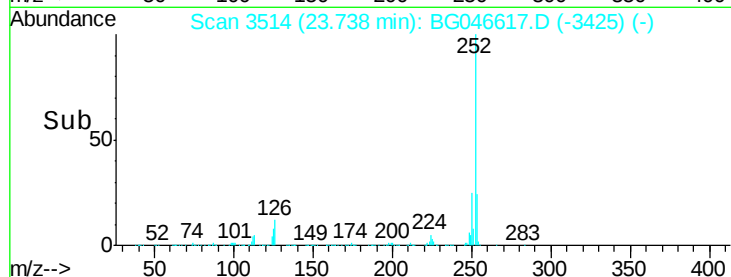
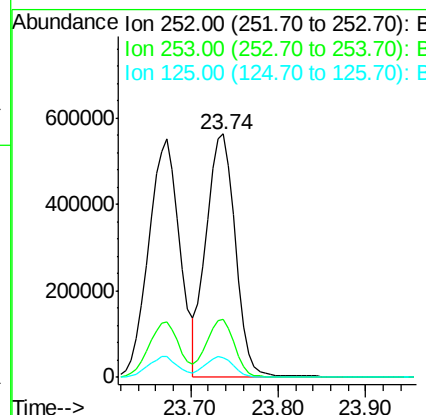
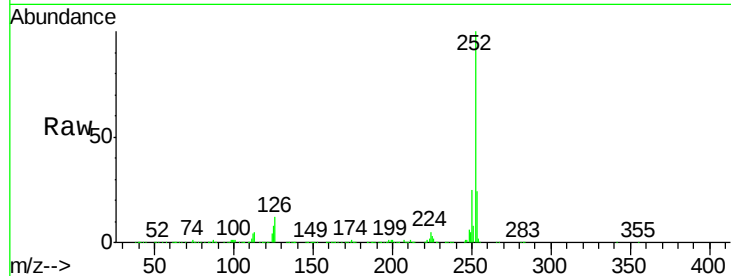




#89
Benzo(k)fluoranthene
Concen: 42.632 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

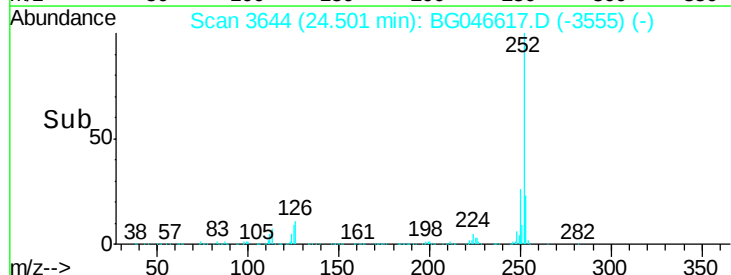
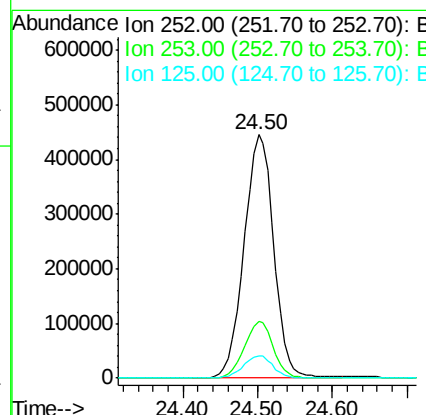
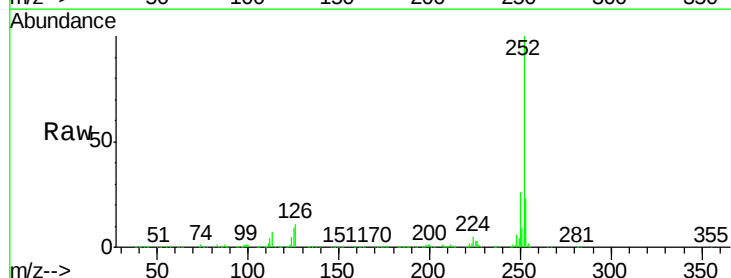
Instrument :
BNA_G
ClientSampleId :
B18-7-9

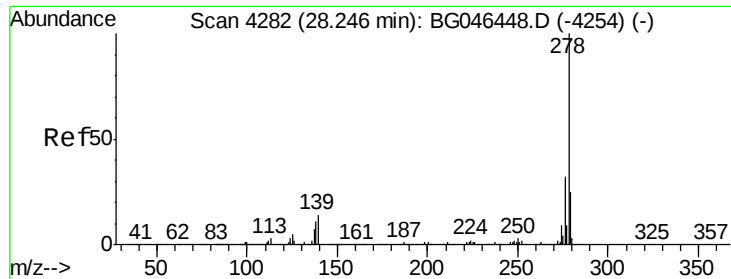
Tot Ion:252 Resp: 1310626
Ion Ratio Lower Upper
252 100
253 23.9 18.5 27.7
125 8.1 6.8 10.2



#90
Benzo(a)pyrene
Concen: 41.322 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:252 Resp: 1226681
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 9.1 7.4 11.0

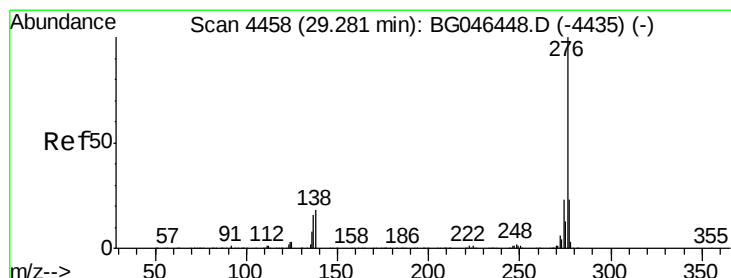
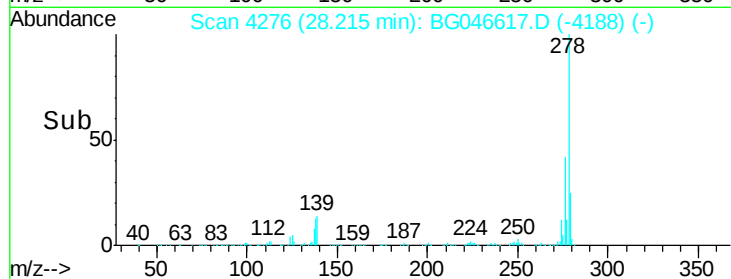
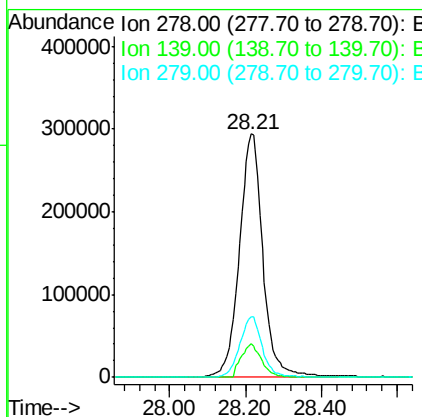
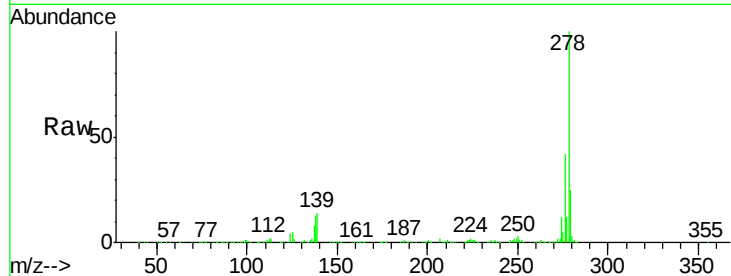




#91
Dibenzo(a,h)anthracene
Concen: 43.033 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.01 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
B18-7-9

Tot Ion:278 Resp: 1270589
Ion Ratio Lower Upper
278 100
139 13.9 11.2 16.8
279 25.1 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 43.776 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.02 min
Lab File: BG046617.D
Acq: 14 Sep 2020 23:33

Tgt Ion:276 Resp: 1290716
Ion Ratio Lower Upper
276 100
277 24.7 18.7 28.1
138 18.4 14.7 22.1

