

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041814.D
 Acq On : 30 Jul 2019 23:09
 Operator : HP/JU
 Sample : K4044-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jul 31 01:22:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86355	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	321775	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	224736	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	554905	20.00	ng	0.00
76) Chrysene-d12	21.73	240	666726	20.00	ng	0.00
87) Perylene-d12	25.01	264	765952	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	589697	132.86	ng	0.00
7) Phenol-d6	7.19	99	721768	120.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	530723	113.50	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	431983	169.23	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1365845	107.19	ng	0.00
79) Terphenyl-d14	20.06	244	2559212	87.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	10795	5.167	ng	# 1
3) Pyridine	3.89	79	24301	4.242	ng	94
4) n-Nitrosodimethylamine	3.79	42	12072	5.316	ng	# 91
8) 2-Chlorophenol	7.60	128	24677	4.855	ng	95
9) Benzaldehyde	7.17	77	17293	4.107	ng	90
10) Phenol	7.22	94	34184	5.491	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	21668	4.234	ng	92
12) 1,3-Dichlorobenzene	7.93	146	29291	4.416	ng	96
13) 1,4-Dichlorobenzene	8.08	146	30706	4.626	ng	100
14) 1,2-Dichlorobenzene	8.40	146	28047	4.428	ng	90
15) Benzyl Alcohol	8.28	79	17646	3.748	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	36658	4.026	ng	97
17) 2-Methylphenol	8.48	107	19849	4.384	ng	98
18) Hexachloroethane	9.14	117	10686	4.701	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	16346	3.763	ng	95
20) 3+4-Methylphenols	8.81	107	26216	4.232	ng	96
22) Acetophenone	8.87	105	37609	5.225	ng	# 94
24) Nitrobenzene	9.25	77	26922	5.465	ng	90
25) Isophorone	9.78	82	44834	4.408	ng	96
26) 2-Nitrophenol	9.97	139	11873	5.193	ng	96
27) 2,4-Dimethylphenol	10.03	122	18249	4.523	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	28809	4.532	ng	96
29) 2,4-Dichlorophenol	10.51	162	24412	4.968	ng	92
30) 1,2,4-Trichlorobenzene	10.73	180	28839	4.628	ng	95
31) Naphthalene	10.92	128	84707	5.752	ng	# 94
32) Benzoic acid	10.15	122	1718	9.216	ng	# 65
34) Hexachlorobutadiene	11.22	225	19589	4.658	ng	96
35) Caprolactam	11.77	113	8612	5.043	ng	# 49
36) 4-Chloro-3-methylphenol	12.14	107	23899	4.906	ng	97
37) 2-Methylnaphthalene	12.53	142	73038	6.266	ng	97
38) 1-Methylnaphthalene	12.74	142	69019	6.248	ng	91
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	35118	4.937	ng	# 98
41) Hexachlorocyclopentadiene	12.88	237	15177	3.795	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	18605	4.138	ng	95

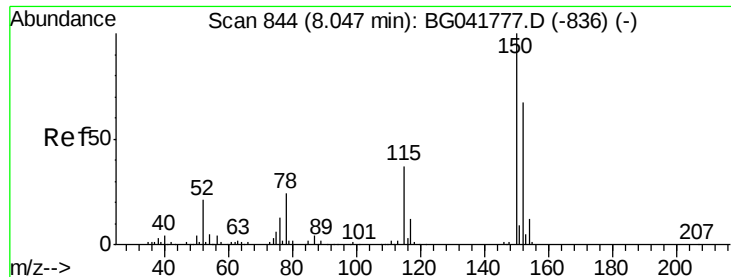
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
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 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	21619	4.627	ng	96
46) 1,1'-Biphenyl	13.53	154	74859	5.182	ng	94
47) 2-Chloronaphthalene	13.57	162	58092	4.723	ng	95
48) 2-Nitroaniline	13.77	65	14473	4.640	ng	# 82
49) Acenaphthylene	14.42	152	97043	5.274	ng	# 93
50) Dimethylphthalate	14.14	163	142438	9.280	ng	98
51) 2,6-Dinitrotoluene	14.25	165	15355	4.784	ng	100
52) Acenaphthene	14.77	154	58556	4.893	ng	95
53) 3-Nitroaniline	14.59	138	6900	2.010	ng	# 97
54) 2,4-Dinitrophenol	14.81	184	2310	4.909	ng	# 84
55) Dibenzofuran	15.10	168	100816	5.508	ng	90
56) 4-Nitrophenol	14.89	139	11258	4.320	ng	92
57) 2,4-Dinitrotoluene	15.05	165	22138	5.016	ng	# 97
58) Fluorene	15.75	166	82599	5.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	17954	3.880	ng	# 95
60) Diethylphthalate	15.51	149	77505	5.143	ng	96
61) 4-Chlorophenyl-phenylether	15.74	204	44897	5.007	ng	93
62) 4-Nitroaniline	15.75	138	17675	4.753	ng	90
63) Azobenzene	16.03	77	62565	5.083	ng	93
65) 4,6-Dinitro-2-methylphenol	15.82	198	6348	8.856	ng	92
66) n-Nitrosodiphenylamine	15.95	169	71088	4.703	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	29117	4.260	ng	97
68) Hexachlorobenzene	16.76	284	31880	4.458	ng	95
71) Phenanthrene	17.49	178	153609	5.775	ng	# 92
72) Anthracene	17.59	178	143744	5.419	ng	# 90
73) Carbazole	17.85	167	139148	5.844	ng	# 89
74) Di-n-butylphthalate	18.41	149	157194	5.824	ng	# 94
75) Fluoranthene	19.50	202	206980	6.402	ng	90
77) Benzidine	20.06	184	46357	2.130	ng	# 90
78) Pyrene	19.87	202	213291	5.399	ng	# 88
80) Butylbenzylphthalate	20.75	149	75195	4.965	ng	87
81) Benzo(a)anthracene	21.71	228	215087	5.453	ng	90
83) Chrysene	21.78	228	207671	5.492	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.63	149	109597	5.246	ng	96
85) Di-n-octyl phthalate	22.87	149	180694	5.139	ng	# 92
86) Indeno(1,2,3-cd)pyrene	28.73	276	234380	4.682	ng	# 83
88) Benzo(b)fluoranthene	23.97	252	209505	5.000	ng	# 92
89) Benzo(k)fluoranthene	24.03	252	207699	5.089	ng	# 93
90) Benzo(a)pyrene	24.85	252	200356	4.986	ng	# 94
91) Dibenzo(a,h)anthracene	28.81	278	192423	4.877	ng	95
92) Benzo(g,h,i)perylene	29.89	276	191772	4.865	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampled :

TP-1

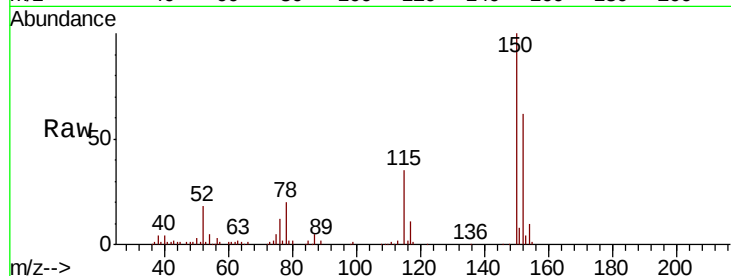
Tot Ion:152 Resp: 86355

Ion Ratio Lower Upper

152 100

150 161.0 126.9 190.3

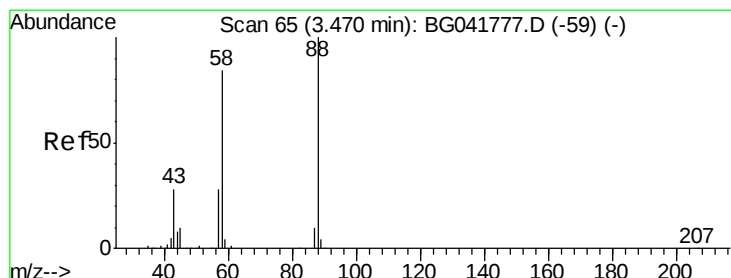
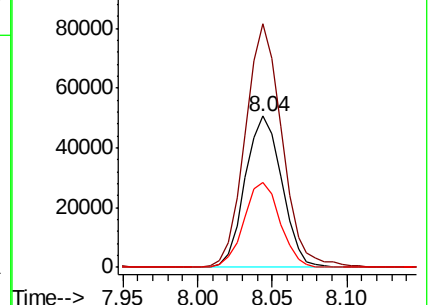
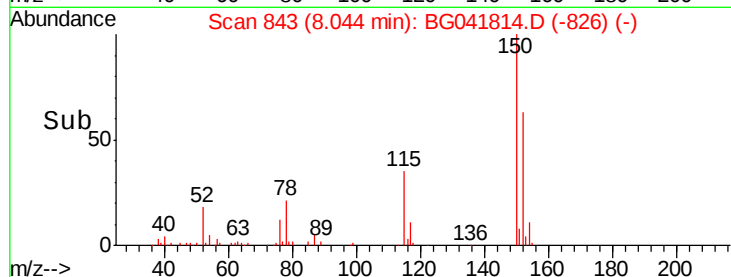
115 55.9 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 5.167 ng

RT: 3.47 min Scan# 65

Delta R.T. 0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

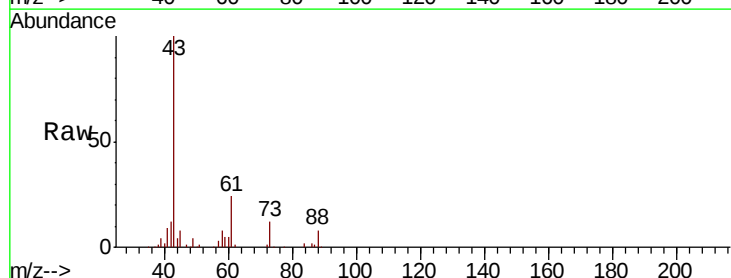
Tgt Ion: 88 Resp: 10795

Ion Ratio Lower Upper

88 100

58 82.1 76.2 114.2

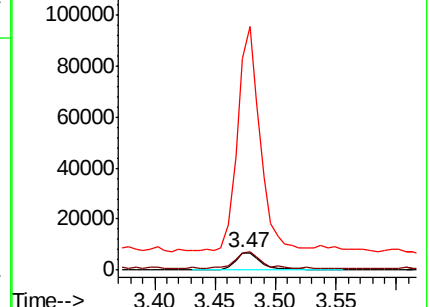
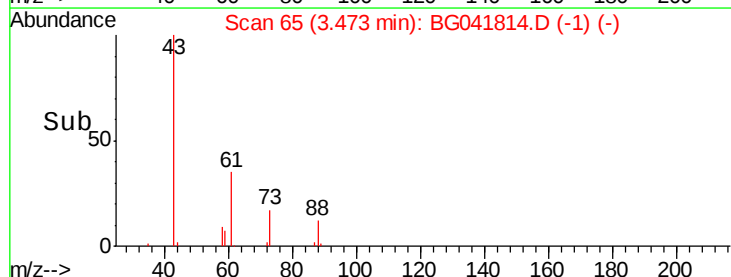
43 1048.1 27.2 40.8#

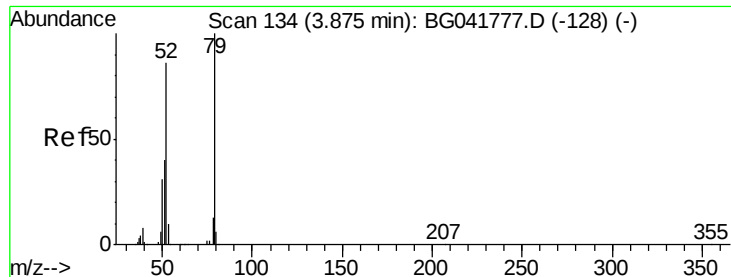


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 4.242 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

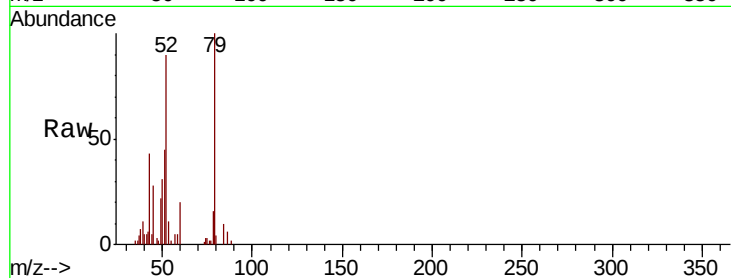
Tot Ion: 79 Resp: 24301

Ion Ratio Lower Upper

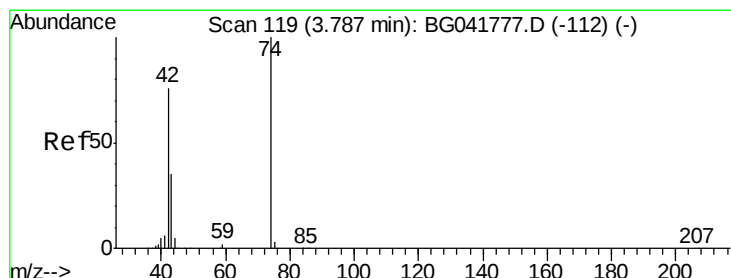
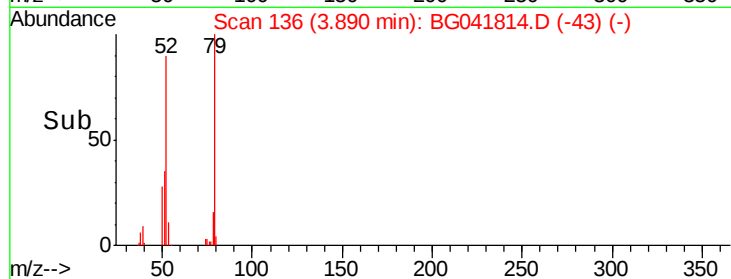
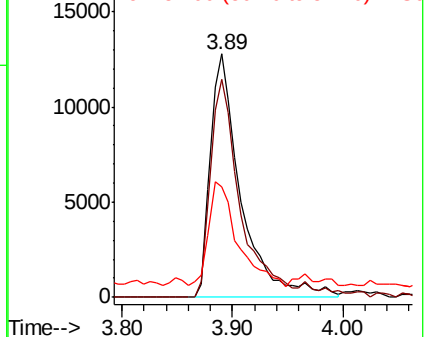
79 100

52 89.6 77.1 115.7

51 45.4 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 5.316 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

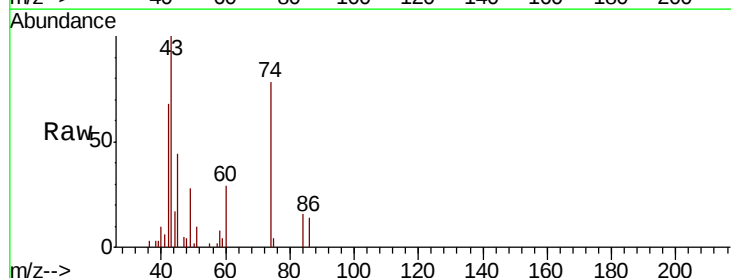
Tgt Ion: 42 Resp: 12072

Ion Ratio Lower Upper

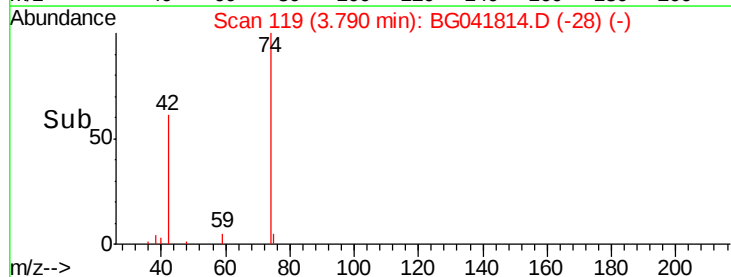
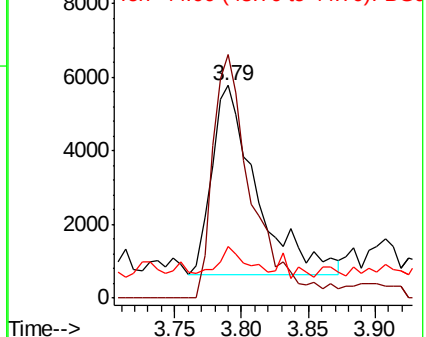
42 100

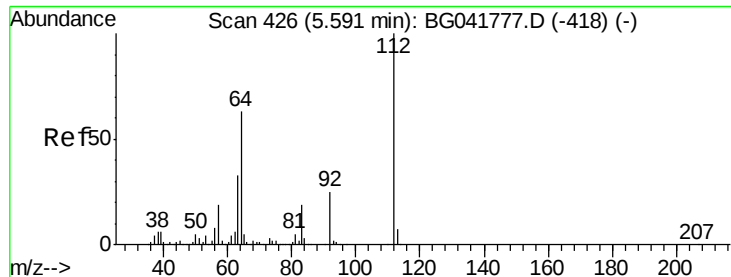
74 114.5 97.4 146.2

44 24.2 6.6 9.8#



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





#5

2-Fluorophenol

Concen: 132.862 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

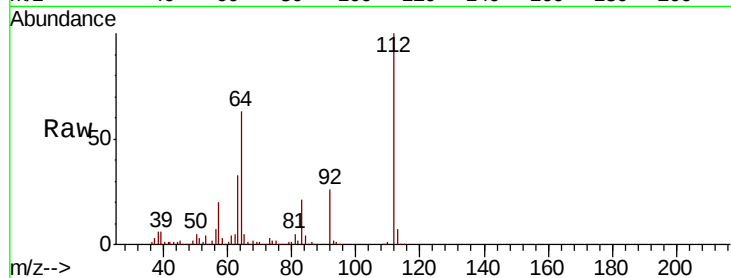
Tot Ion:112 Resp: 589697

Ion Ratio Lower Upper

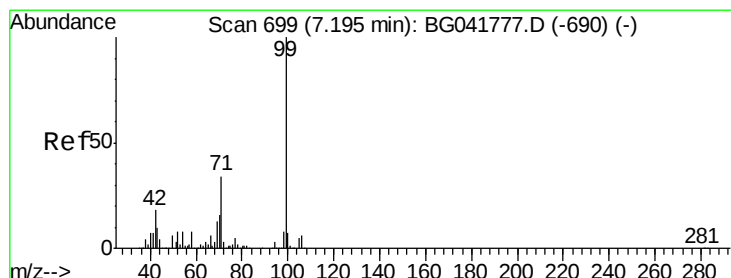
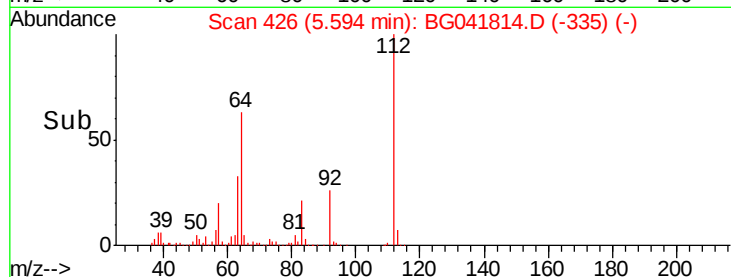
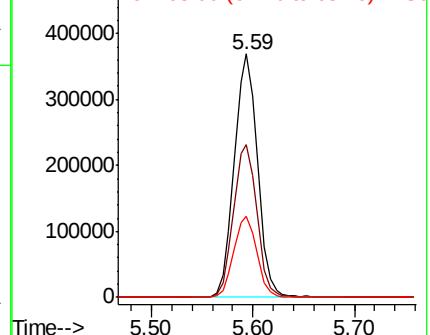
112 100

64 62.7 55.4 83.2

63 33.3 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 120.622 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

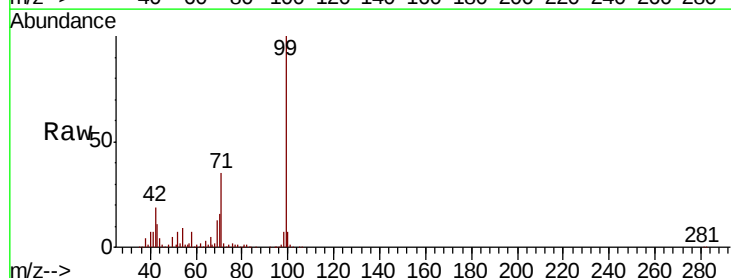
Tgt Ion: 99 Resp: 721768

Ion Ratio Lower Upper

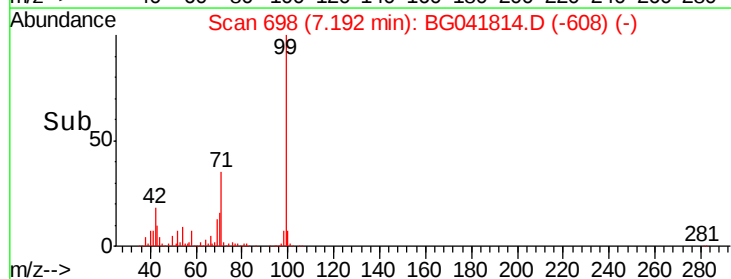
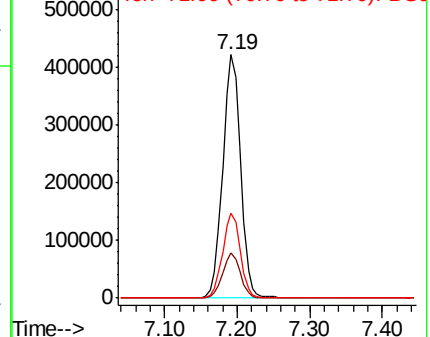
99 100

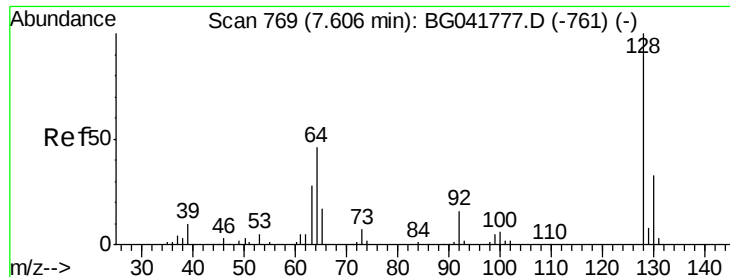
42 18.5 17.6 26.4

71 35.0 27.8 41.6



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: 4.855 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampled :

TP-1

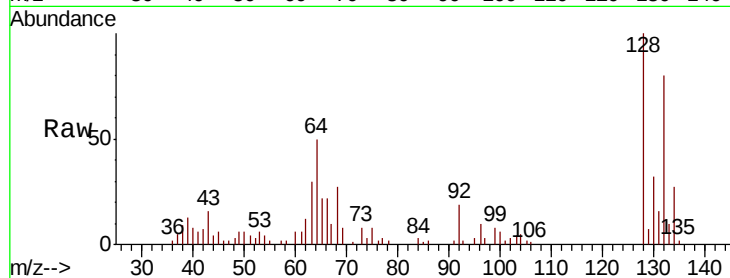
Tot Ion:128 Resp: 24677

Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

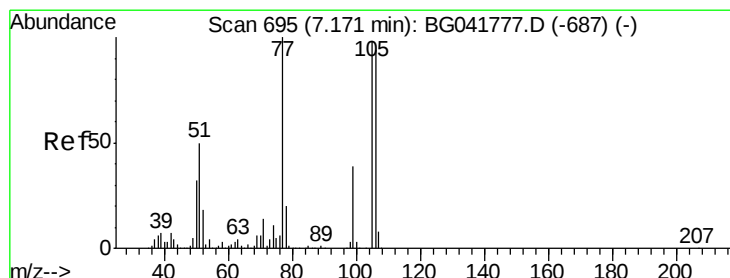
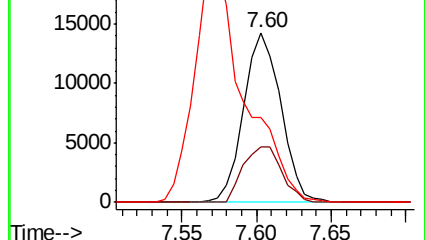
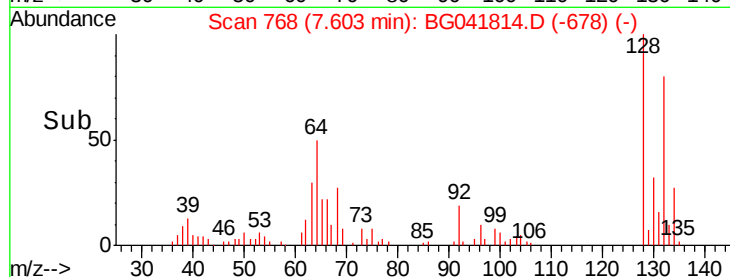
64 49.7 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 4.107 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

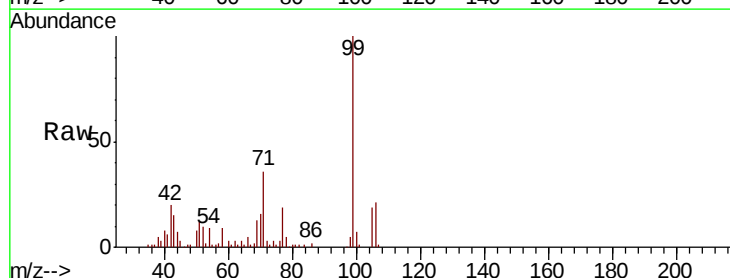
Tgt Ion: 77 Resp: 17293

Ion Ratio Lower Upper

77 100

105 98.7 74.6 114.6

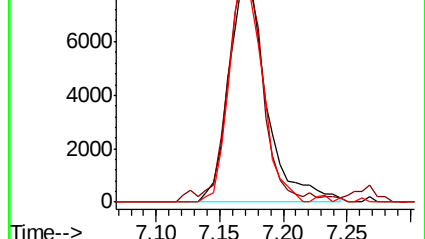
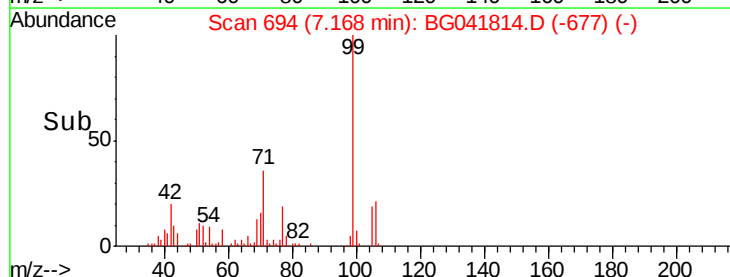
106 105.9 71.1 111.1

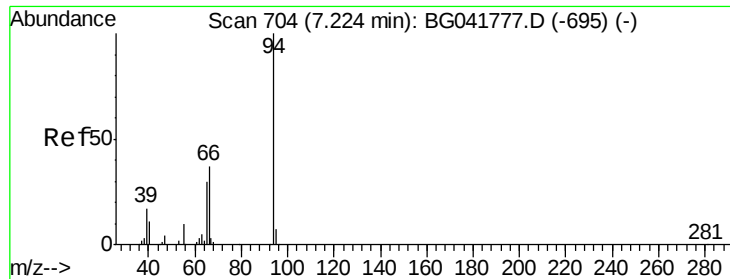


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.491 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

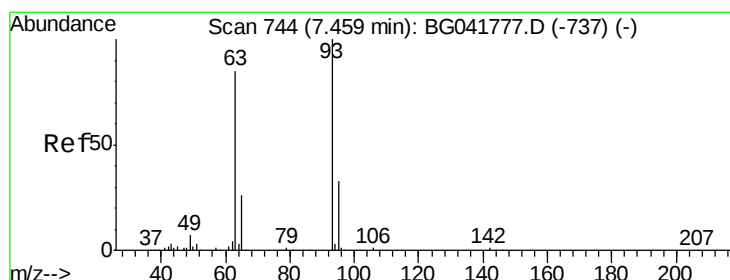
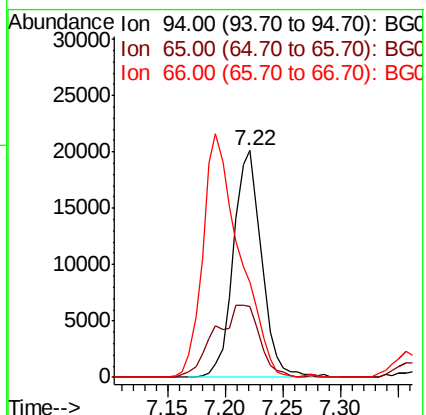
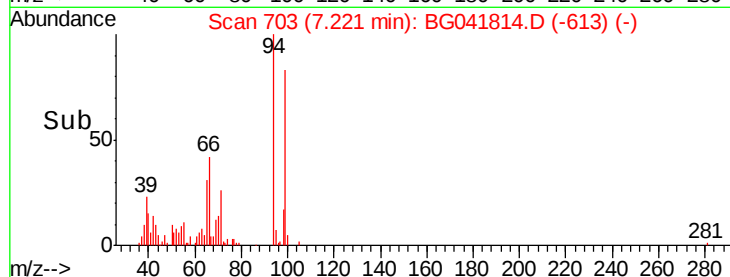
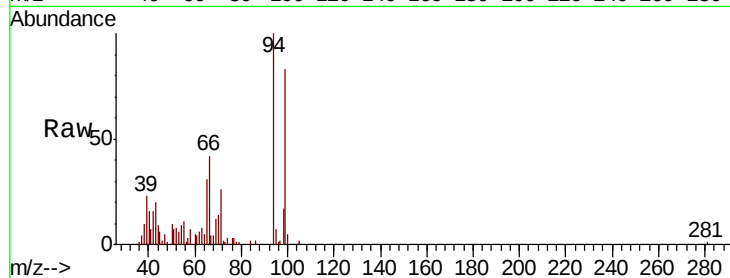
Tot Ion: 94 Resp: 34184

Ion Ratio Lower Upper

94 100

65 31.3 10.6 50.6

66 41.7 18.2 58.2



#11

bis(2-Chloroethyl)ether

Concen: 4.234 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

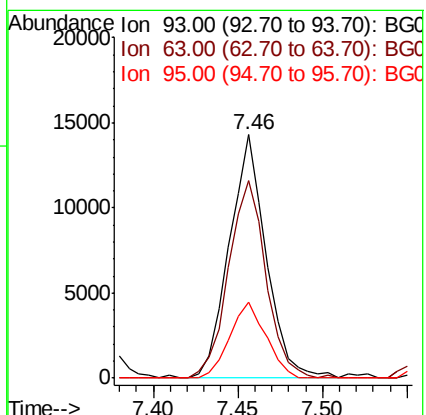
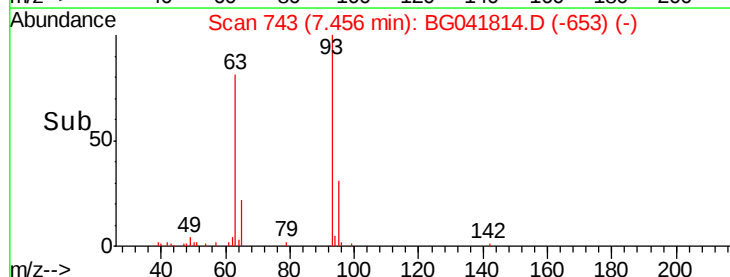
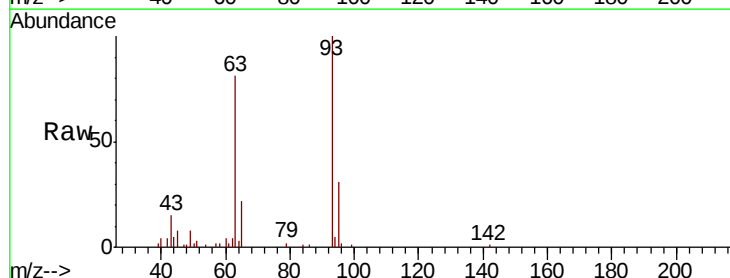
Tgt Ion: 93 Resp: 21668

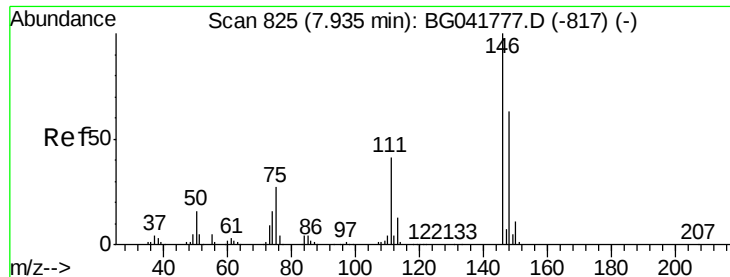
Ion Ratio Lower Upper

93 100

63 81.3 70.4 110.4

95 31.4 12.8 52.8

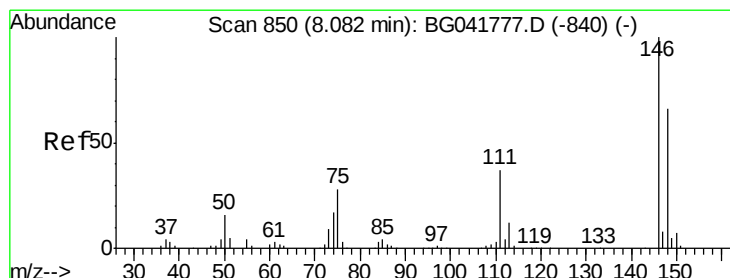
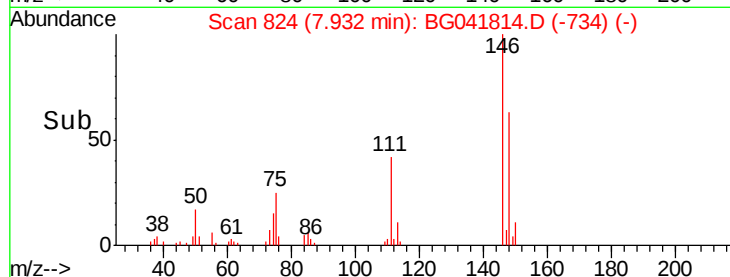
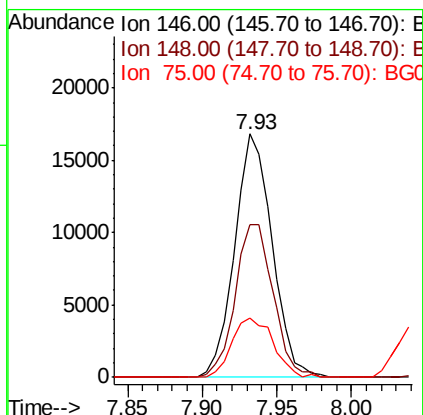
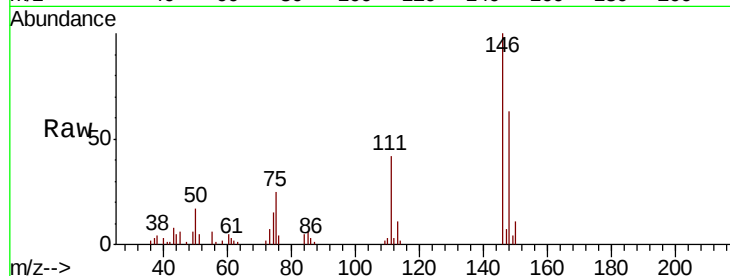




#12
 1,3-Dichlorobenzene
 Concen: 4.416 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

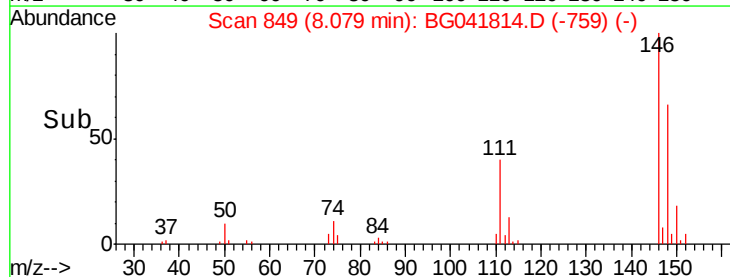
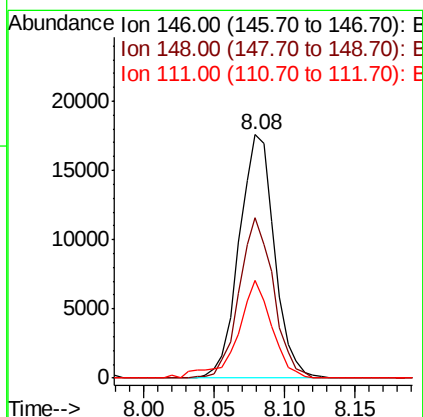
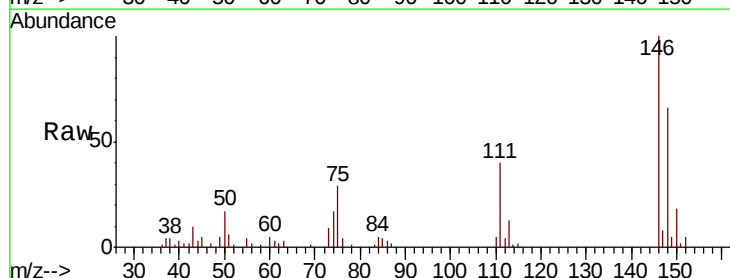
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

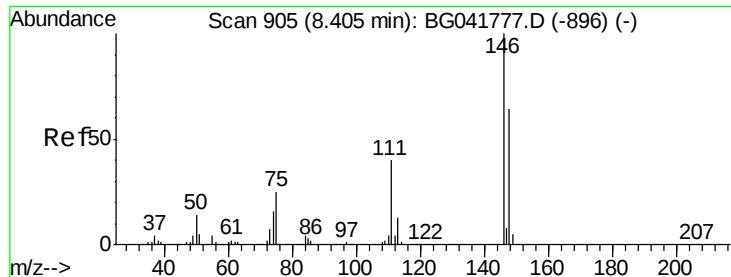
Tot Ion:146 Resp: 29291
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.5 77.3
 75 24.6 23.2 34.8



#13
 1,4-Dichlorobenzene
 Concen: 4.626 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:146 Resp: 30706
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 40.1 32.5 48.7





#14

1,2-Dichlorobenzene

Concen: 4.428 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

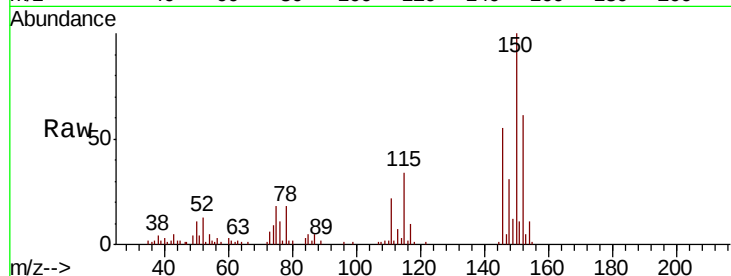
Tot Ion:146 Resp: 28047

Ion Ratio Lower Upper

146 100

148 57.0 53.5 80.3

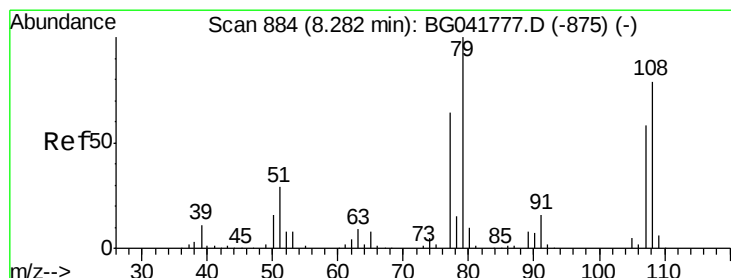
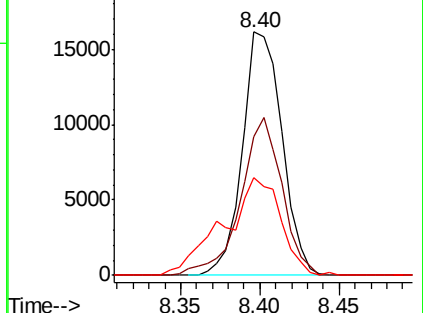
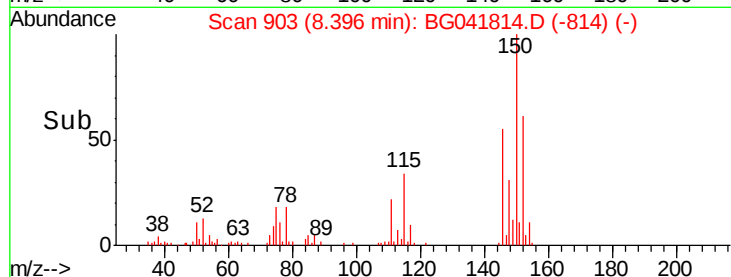
111 40.0 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 3.748 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

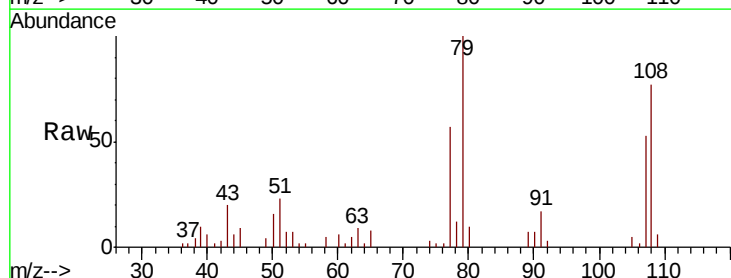
Tgt Ion: 79 Resp: 17646

Ion Ratio Lower Upper

79 100

108 77.4 60.5 90.7

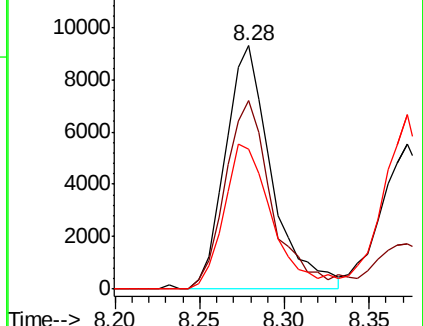
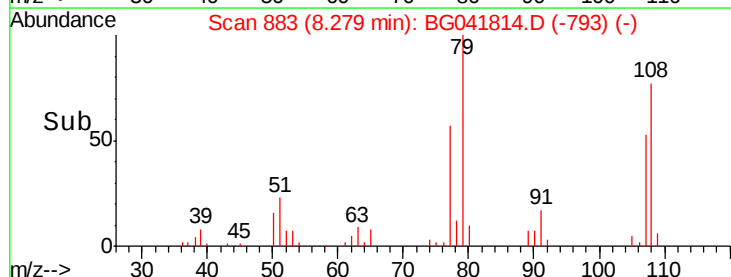
77 57.4 50.6 75.8

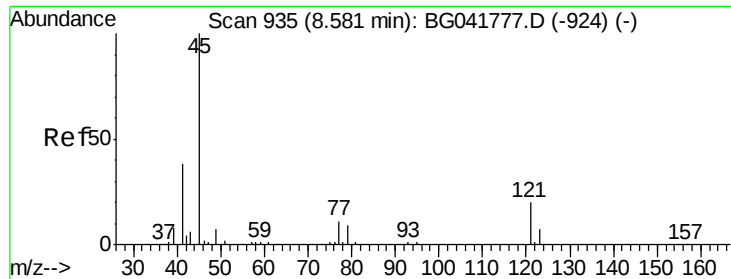


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

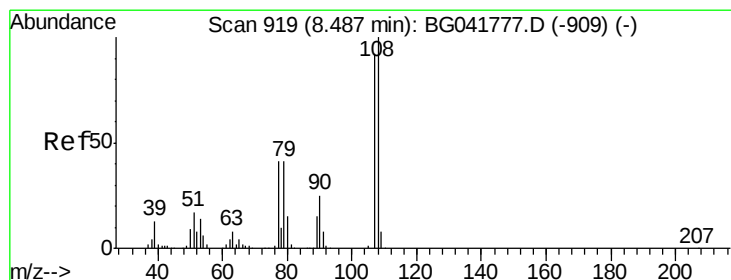
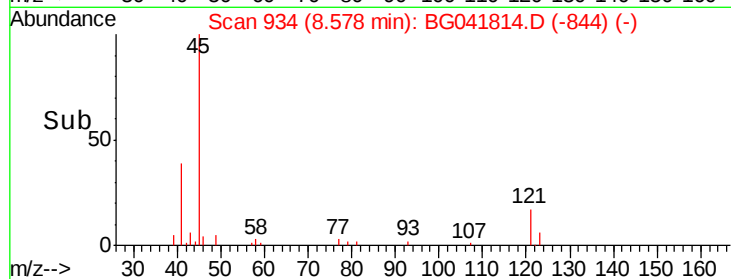
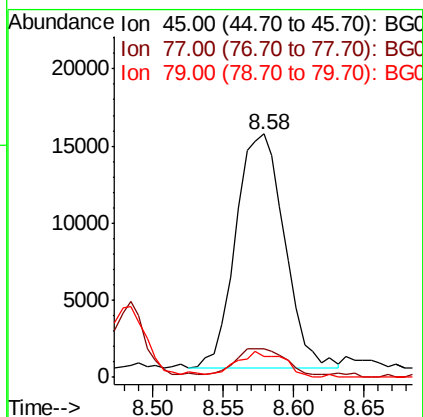
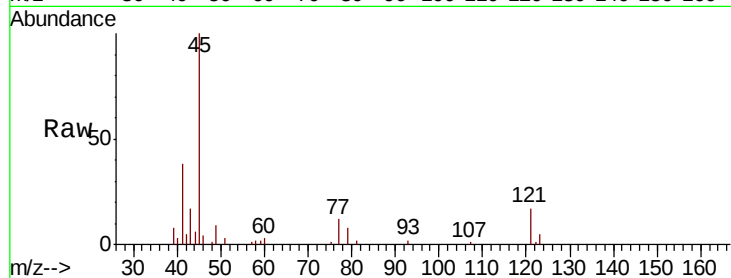




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.026 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

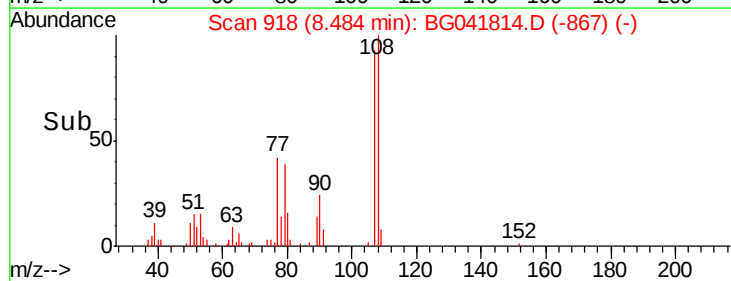
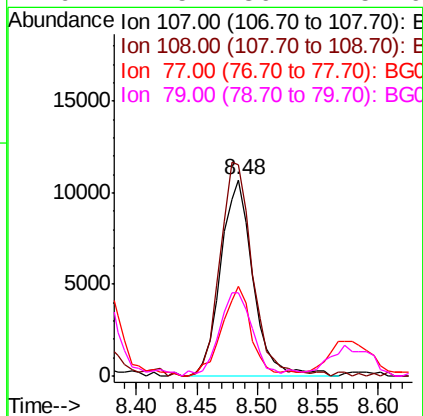
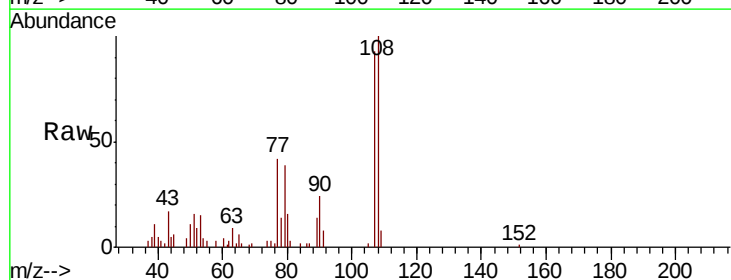
Instrument :
BNA_G
ClientSampleId :
TP-1

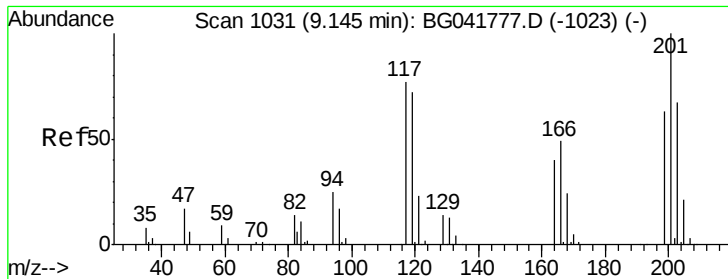
Tot Ion: 45 Resp: 36658
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.4
79 8.4 0.0 27.9



#17
2-Methylphenol
Concen: 4.384 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:107 Resp: 19849
Ion Ratio Lower Upper
107 100
108 107.7 87.6 131.4
77 45.7 36.1 54.1
79 42.5 36.4 54.6

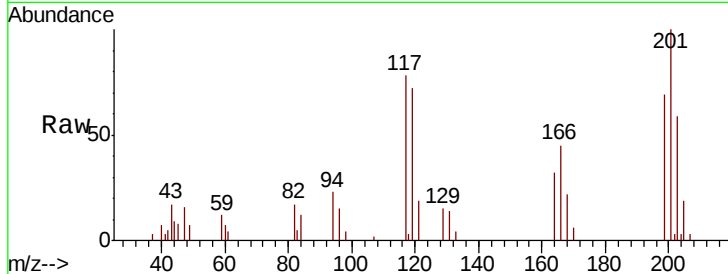




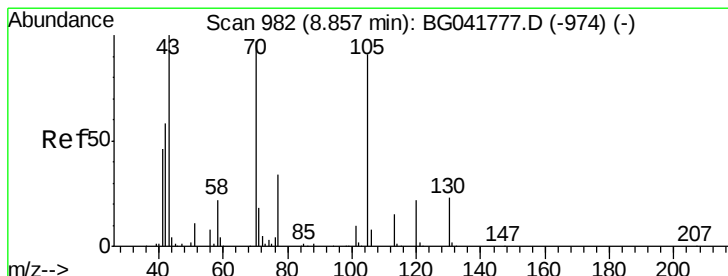
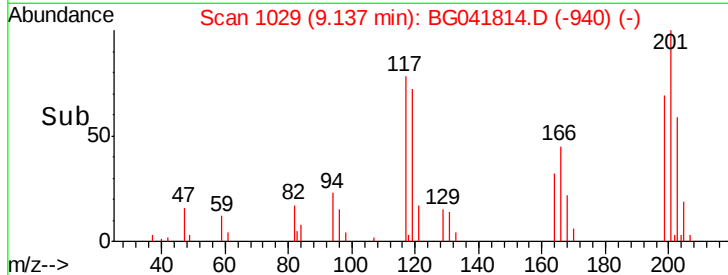
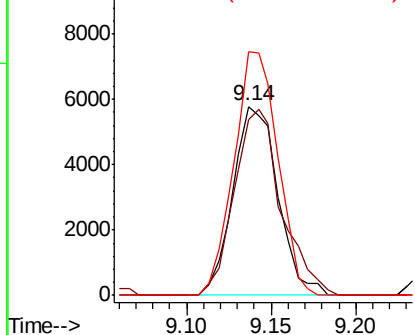
#18
Hexachloroethane
Concen: 4.701 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:117 Resp: 10686
Ion Ratio Lower Upper
117 100
119 92.9 76.2 114.2
201 132.7 94.1 141.1



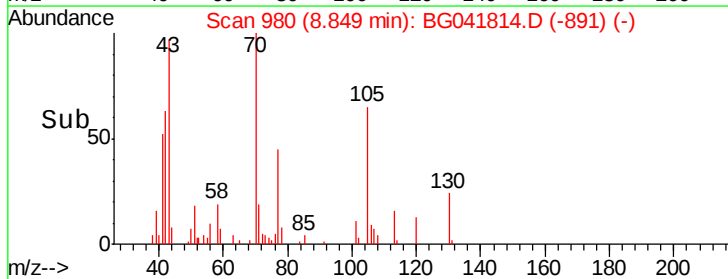
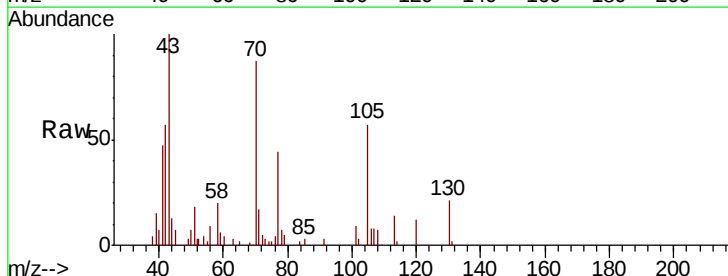
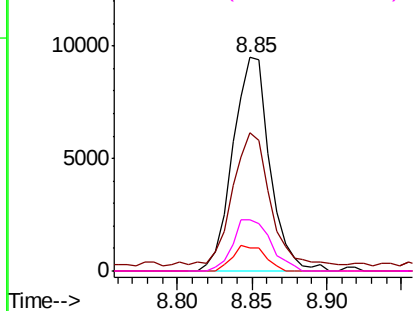
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

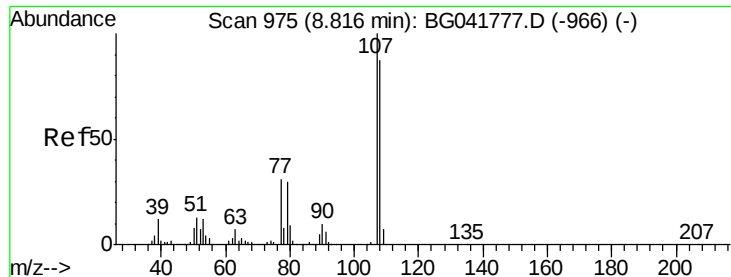


#19
n-Nitroso-di-n-propylamine
Concen: 3.763 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion: 70 Resp: 16346
Ion Ratio Lower Upper
70 100
42 64.9 55.8 83.6
101 10.6 8.1 12.1
130 24.0 17.3 25.9

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): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 4.232 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

Tot Ion:107 Resp: 26216

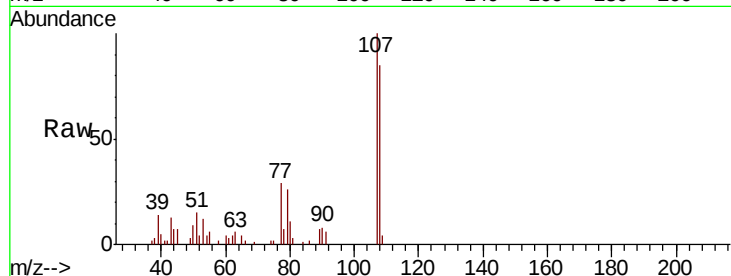
Ion Ratio Lower Upper

107 100

108 84.7 67.5 107.5

77 29.0 12.3 52.3

79 26.3 8.3 48.3

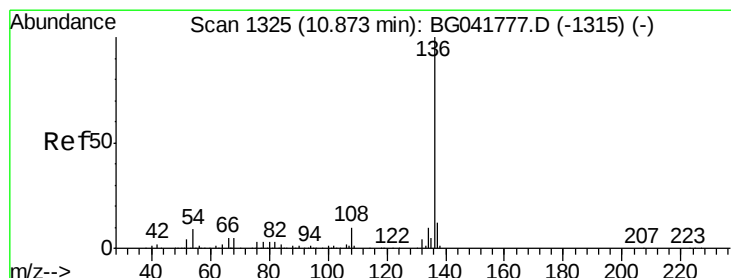
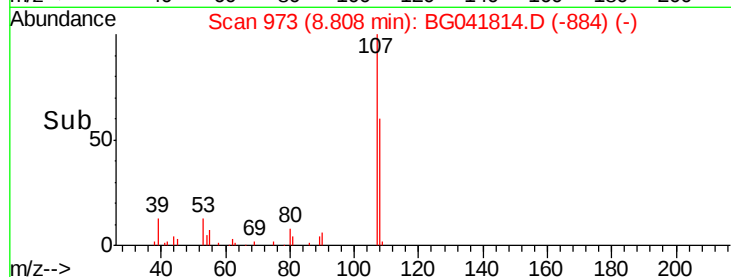
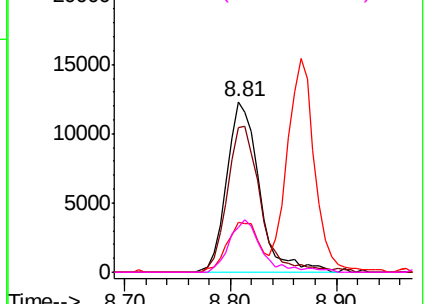


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Tgt Ion:136 Resp: 321775

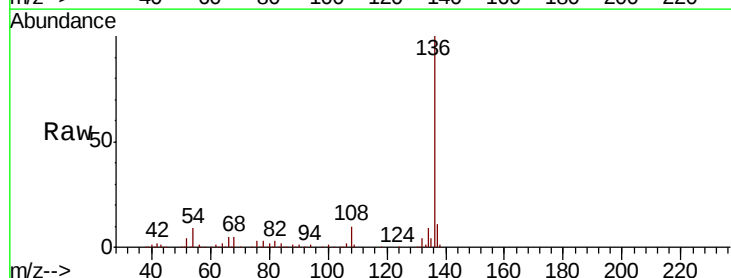
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.5 8.7 13.1#

68 5.3 5.5 8.3#

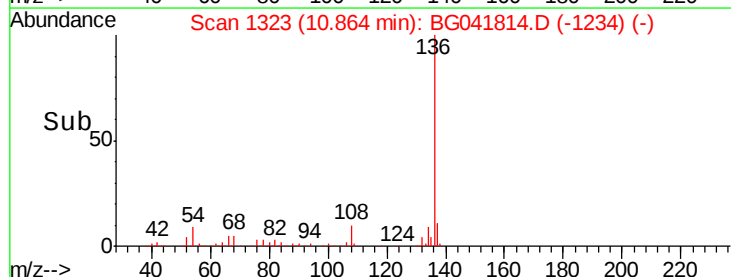
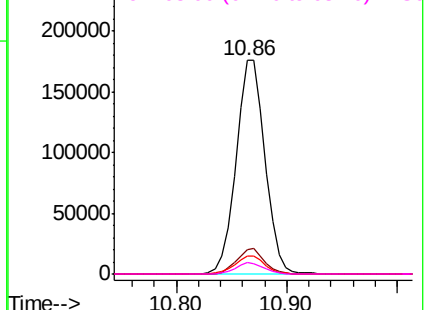


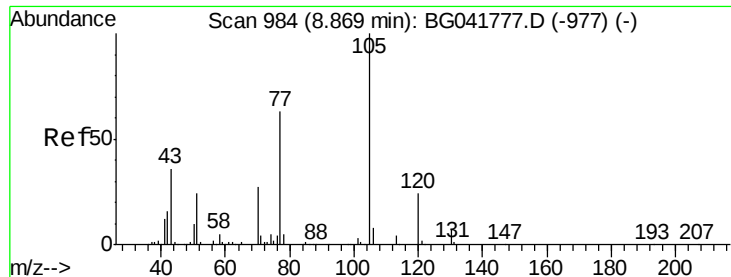
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 5.225 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

Tot Ion:105 Resp: 37609

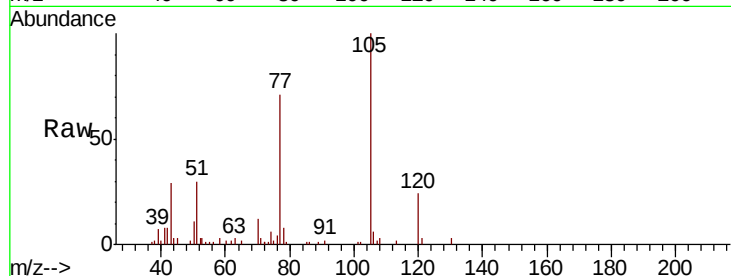
Ion Ratio Lower Upper

105 100

71 3.5 5.9 8.9#

51 30.1 27.7 41.5

120 24.5 19.3 28.9

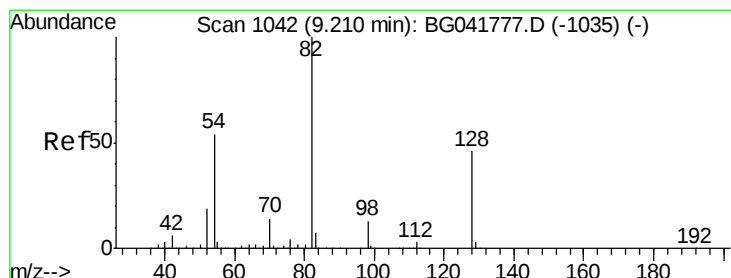
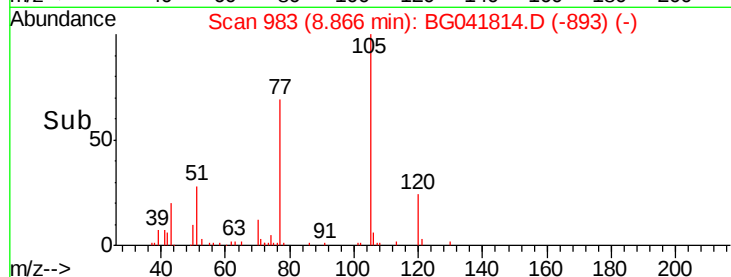
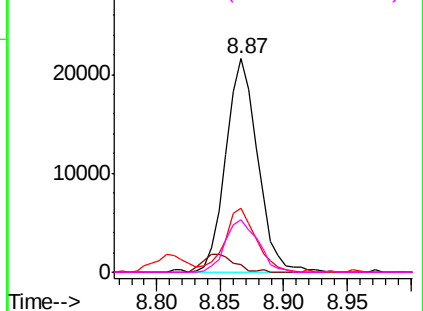


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 113.503 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

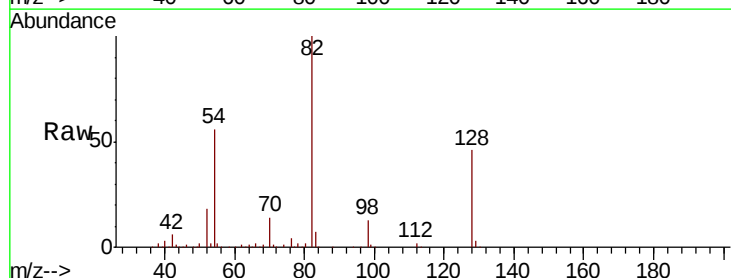
Tgt Ion: 82 Resp: 530723

Ion Ratio Lower Upper

82 100

128 46.3 35.1 52.7

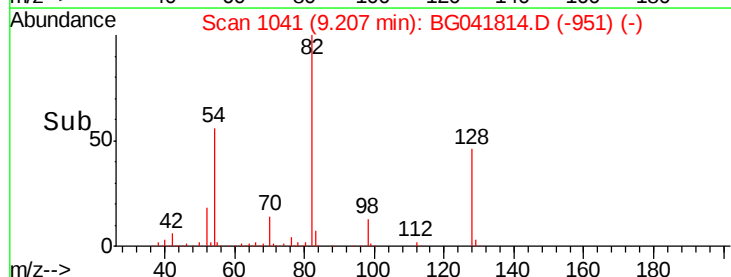
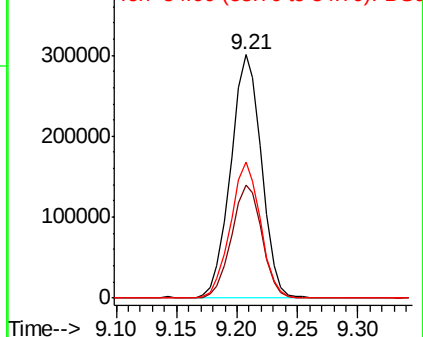
54 56.0 48.7 73.1

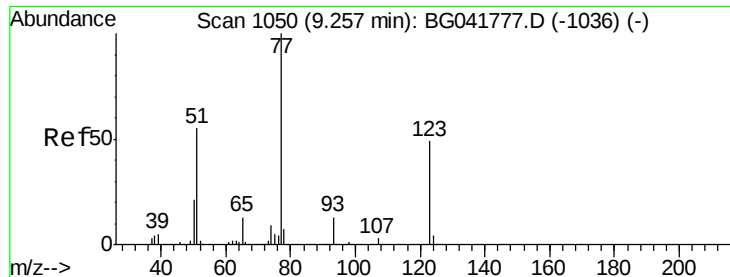


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

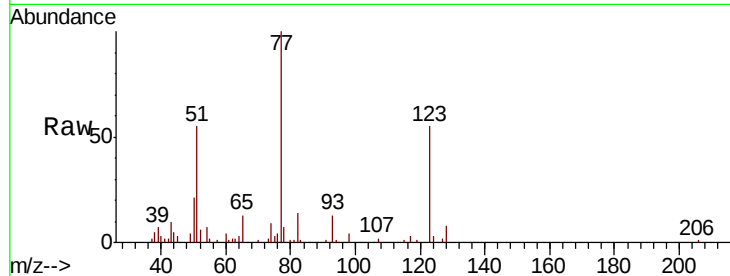




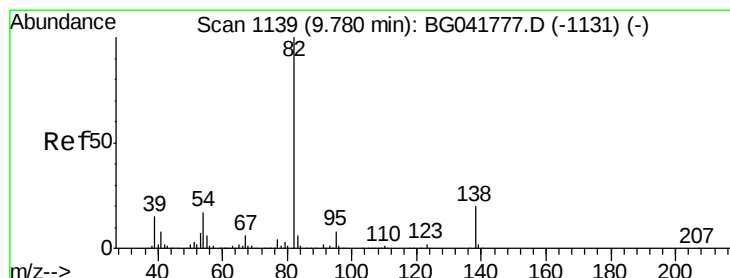
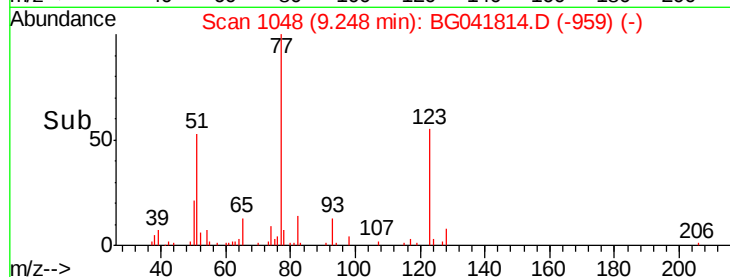
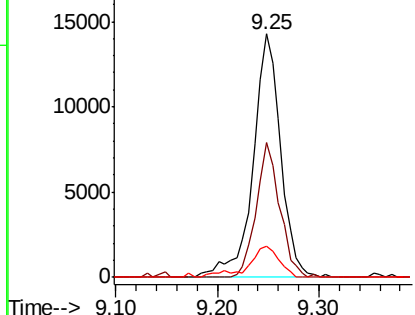
#24
Nitrobenzene
Concen: 5.465 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion: 77 Resp: 26922
Ion Ratio Lower Upper
77 100
123 55.4 38.1 57.1
65 12.8 11.0 16.6

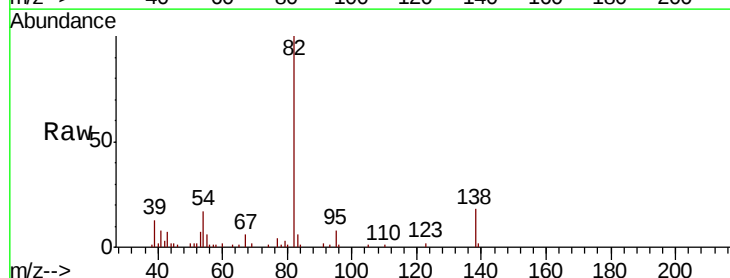


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

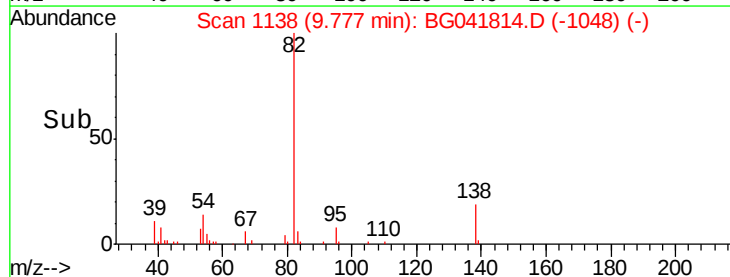
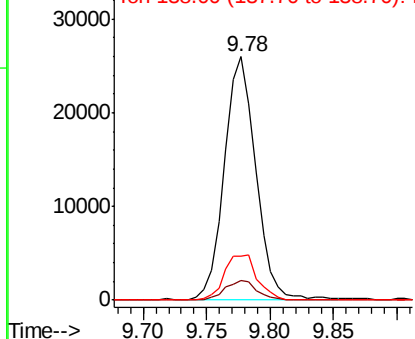


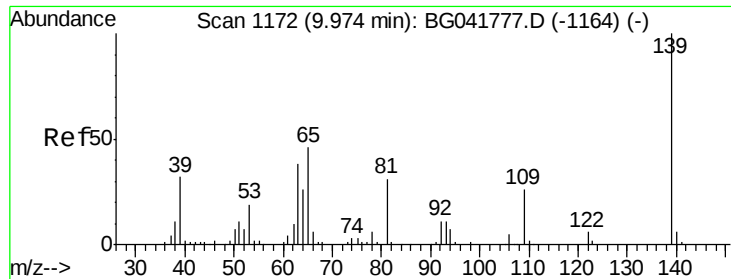
#25
Isophorone
Concen: 4.408 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion: 82 Resp: 44834
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 17.9 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

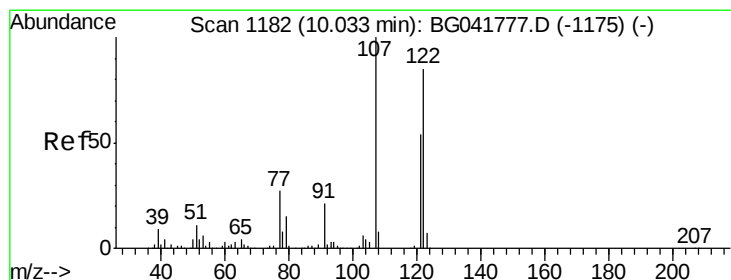
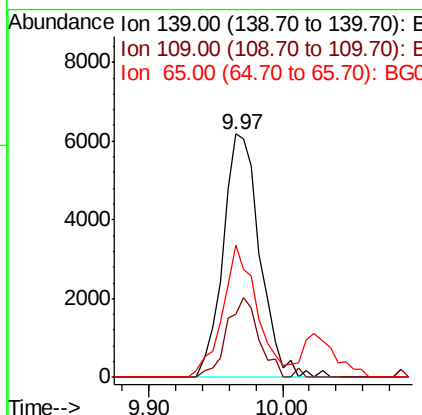
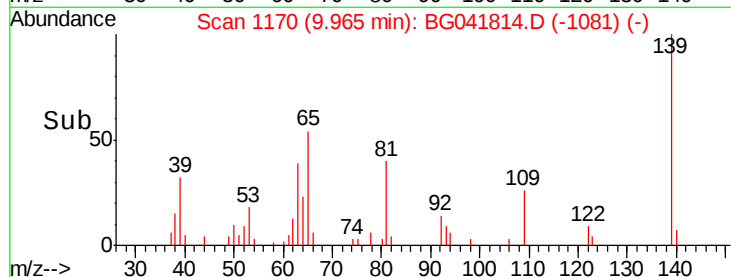
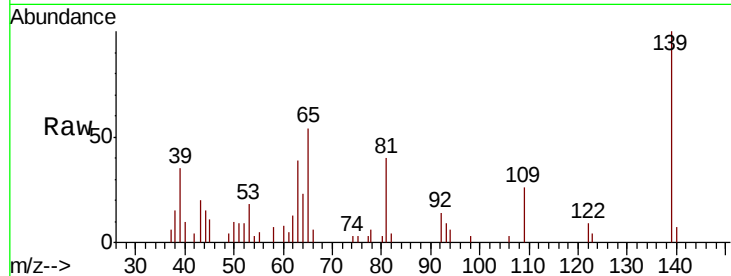




#26
2-Nitrophenol
Concen: 5.193 ng
RT: 9.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

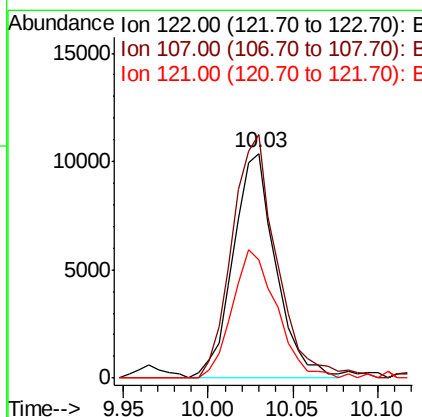
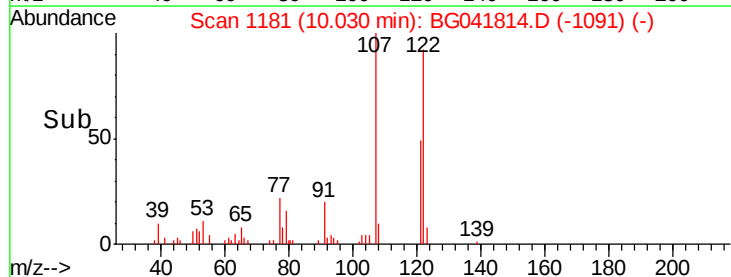
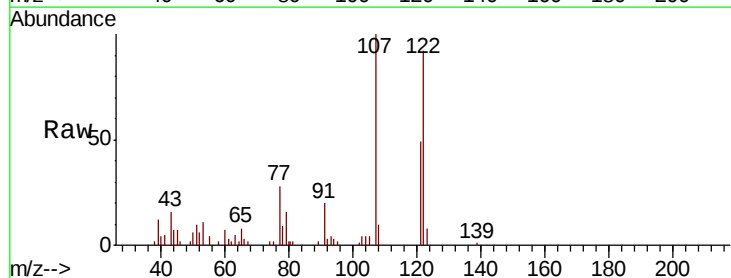
Instrument :
BNA_G
ClientSampleId :
TP-1

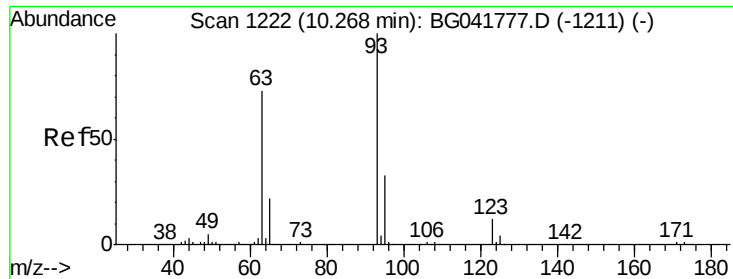
Tot Ion:139 Resp: 11873
Ion Ratio Lower Upper
139 100
109 26.1 22.7 34.1
65 54.3 41.1 61.7



#27
2,4-Dimethylphenol
Concen: 4.523 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:122 Resp: 18249
Ion Ratio Lower Upper
122 100
107 108.3 91.3 136.9
121 52.5 49.2 73.8

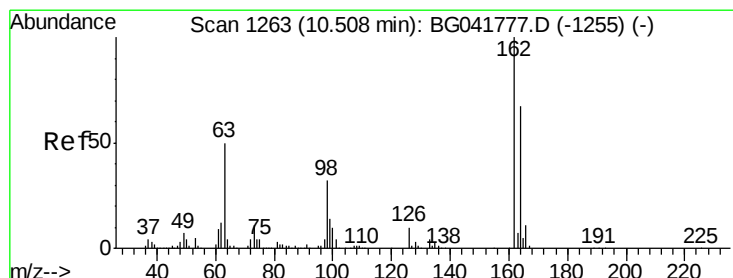
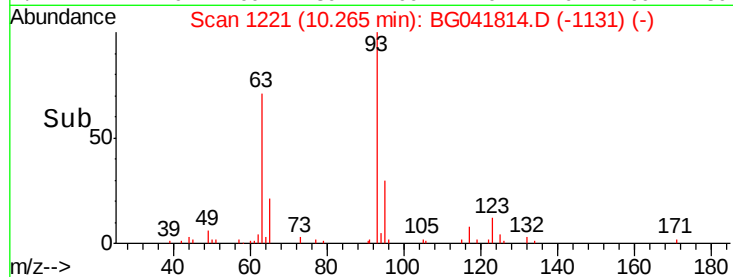
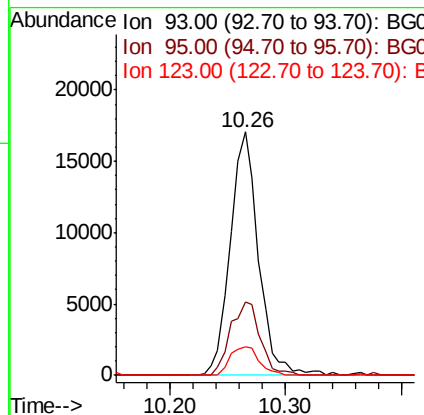
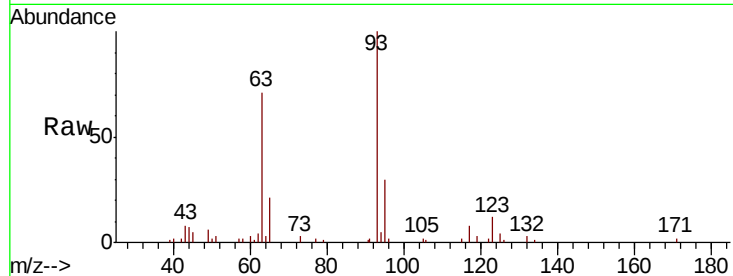




#28
bis(2-Chloroethoxy)methane
Concen: 4.532 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

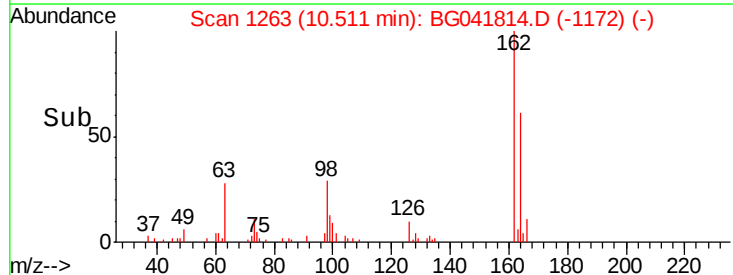
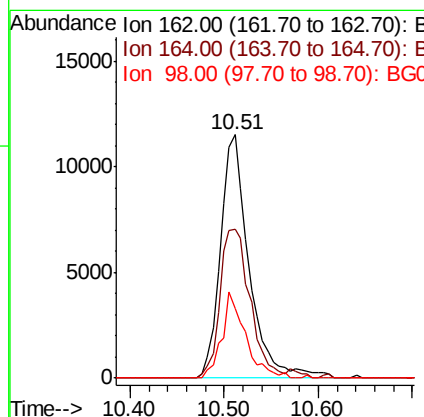
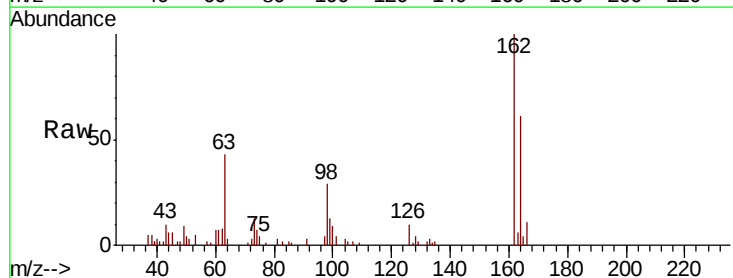
Instrument :
BNA_G
ClientSampleId :
TP-1

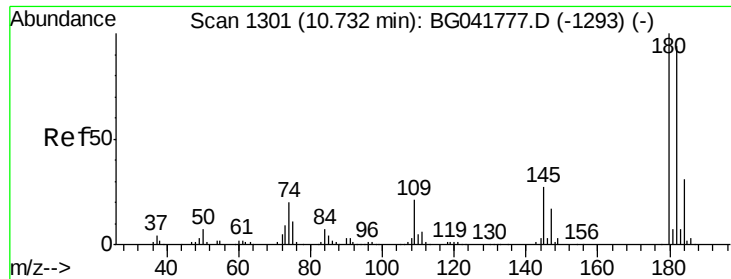
Tot Ion: 93 Resp: 28809
Ion Ratio Lower Upper
93 100
95 30.2 26.2 39.4
123 12.0 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 4.968 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion: 162 Resp: 24412
Ion Ratio Lower Upper
162 100
164 60.9 46.1 86.1
98 28.7 14.7 54.7

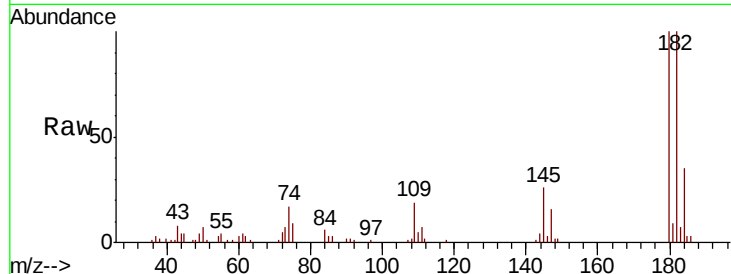




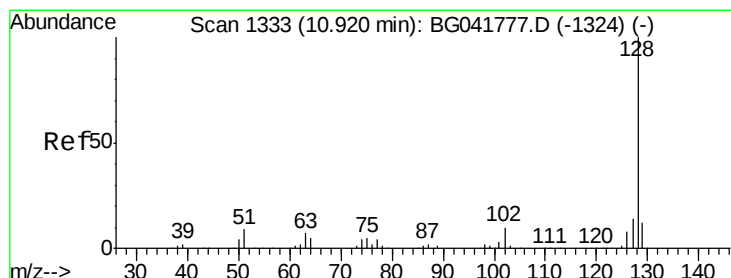
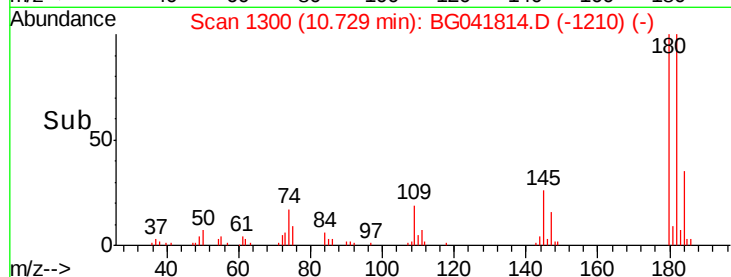
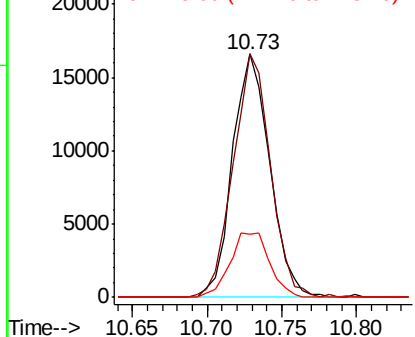
#30
1,2,4-Trichlorobenzene
Concen: 4.628 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:180 Resp: 28839
Ion Ratio Lower Upper
180 100
182 100.0 76.2 114.2
145 26.0 23.8 35.8

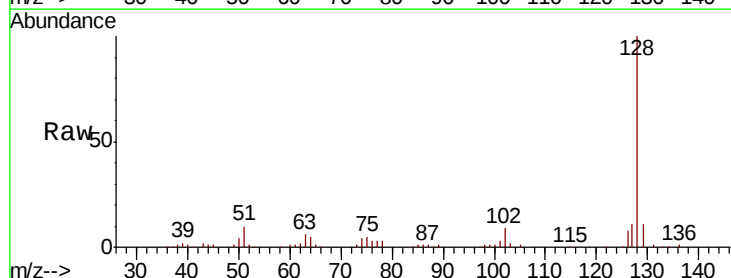


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

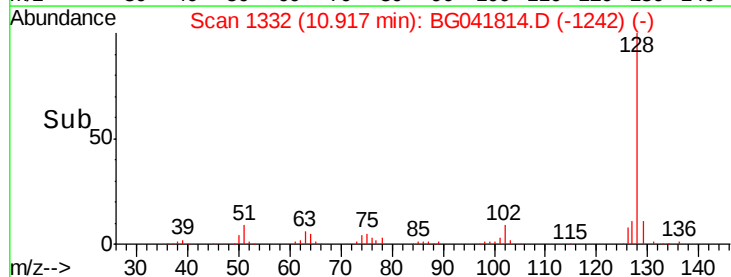
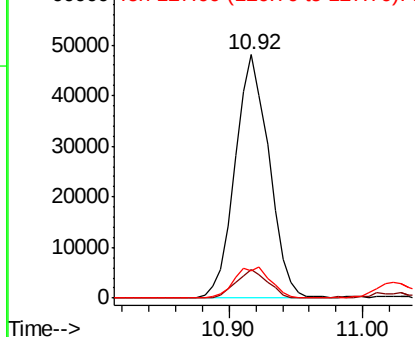


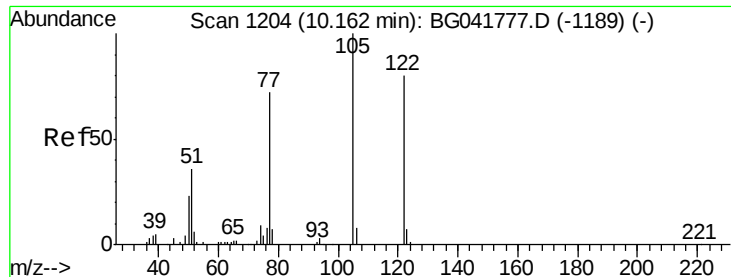
#31
Naphthalene
Concen: 5.752 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:128 Resp: 84707
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 11.4 12.3 18.5#



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

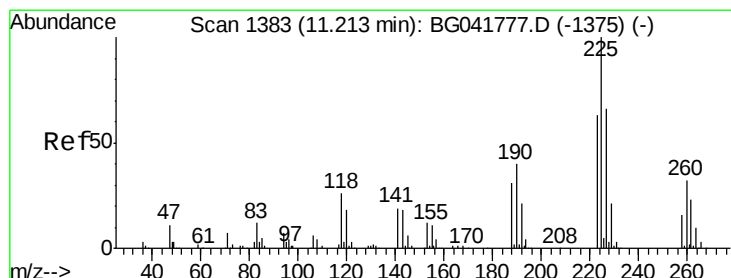
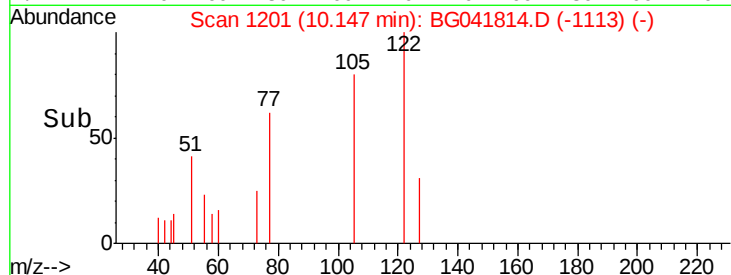
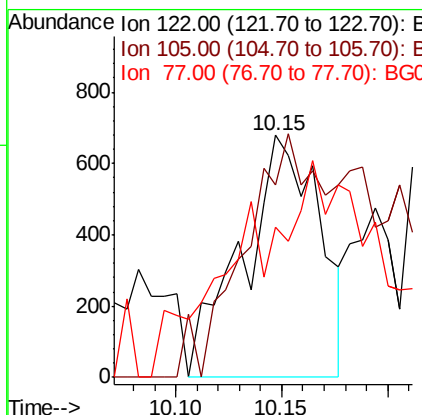
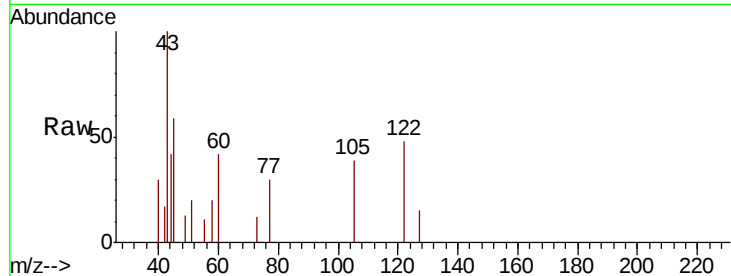




#32
Benzoic acid
Concen: 9.216 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

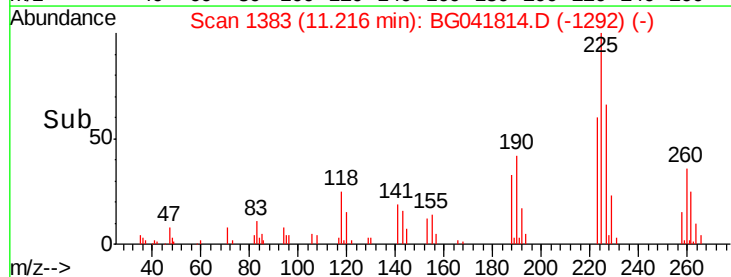
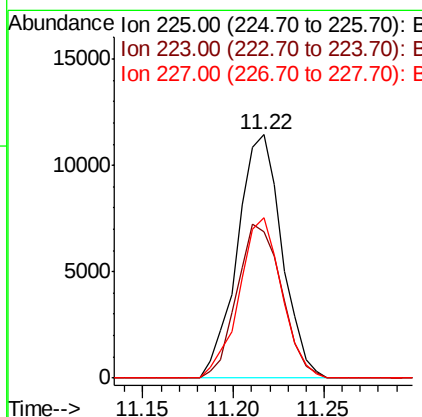
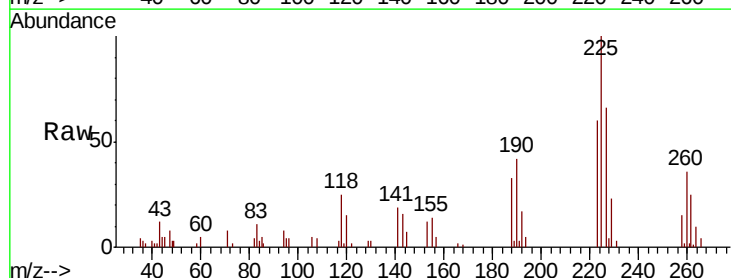
Instrument :
BNA_G
ClientSampled :
TP-1

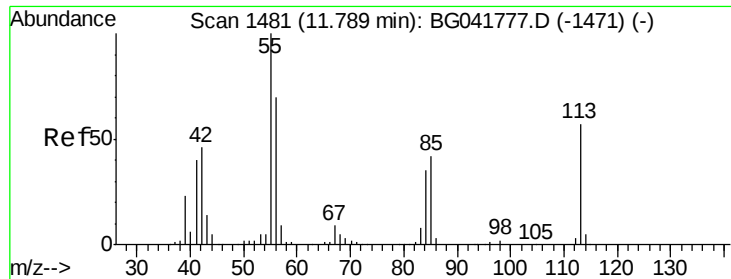
Tot Ion:122 Resp: 1718
Ion Ratio Lower Upper
122 100
105 79.7 101.5 141.5#
77 62.2 73.0 113.0#



#34
Hexachlorobutadiene
Concen: 4.658 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:225 Resp: 19589
Ion Ratio Lower Upper
225 100
223 60.1 51.1 76.7
227 65.6 50.9 76.3





#35

Caprolactam

Concen: 5.043 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampled :

TP-1

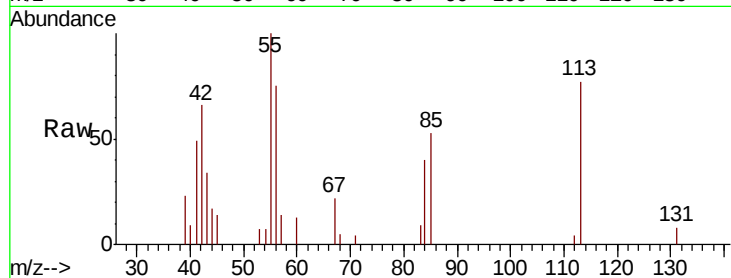
Tot Ion:113 Resp: 8612

Ion Ratio Lower Upper

113 100

55 129.3 199.4 239.4#

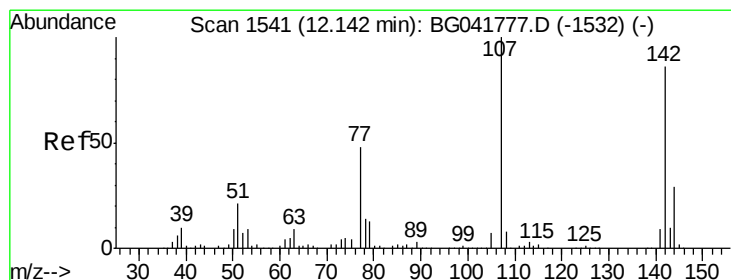
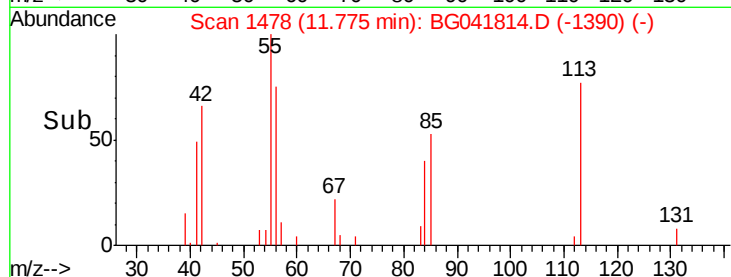
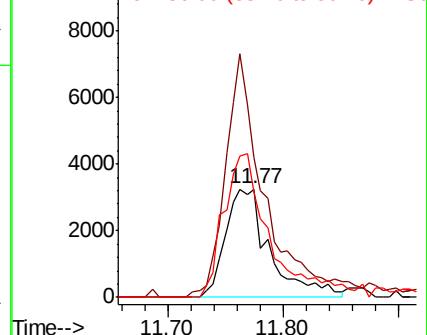
56 97.6 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041777.D (-1471) (-)

Ion 56.00 (55.70 to 56.70): BG041777.D (-1471) (-)



#36

4-Chloro-3-methylphenol

Concen: 4.906 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

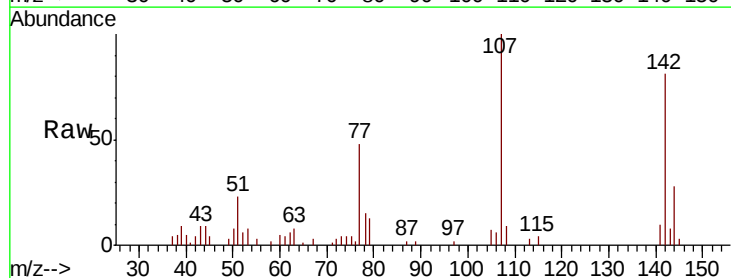
Tgt Ion:107 Resp: 23899

Ion Ratio Lower Upper

107 100

144 28.5 22.2 33.2

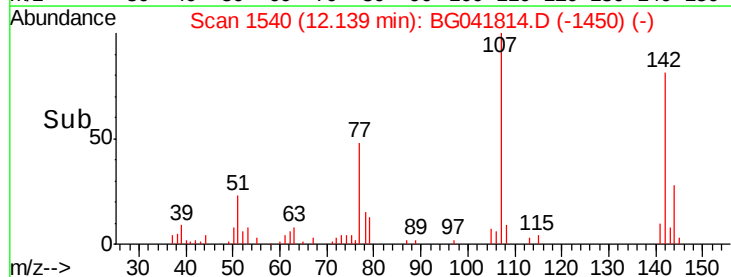
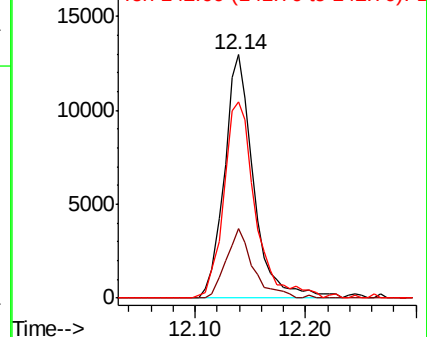
142 80.8 67.3 100.9

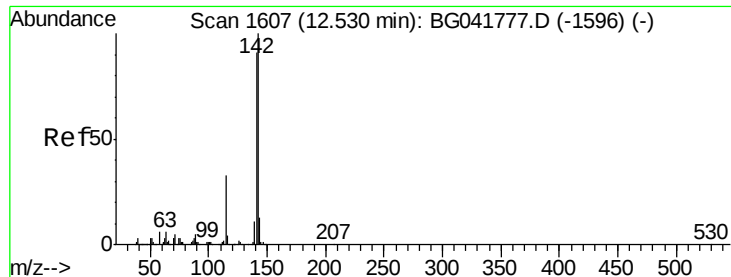


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6.266 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

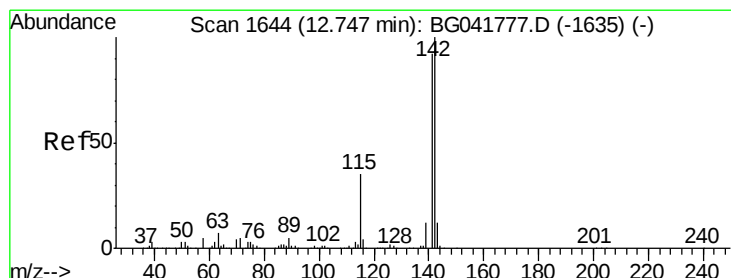
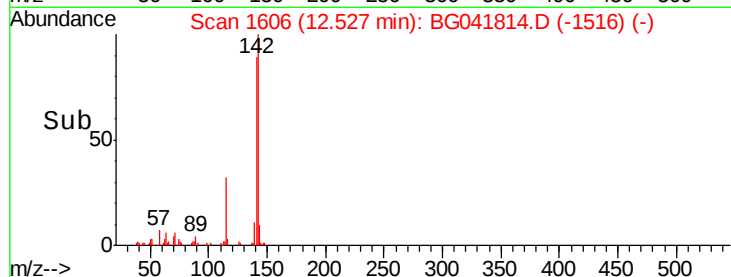
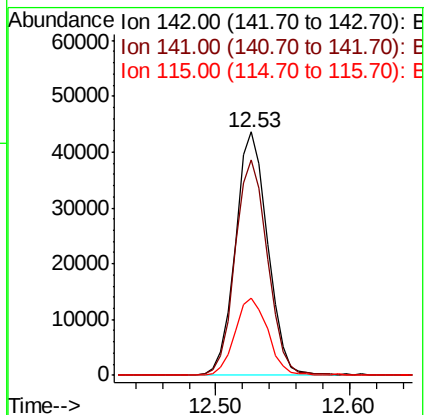
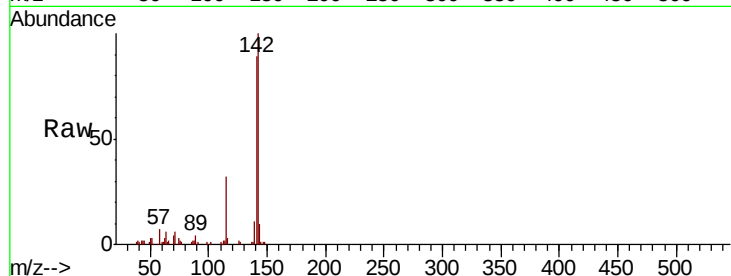
Tot Ion:142 Resp: 73038

Ion Ratio Lower Upper

142 100

141 88.7 72.7 109.1

115 31.8 27.0 40.4



#38

1-Methylnaphthalene

Concen: 6.248 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

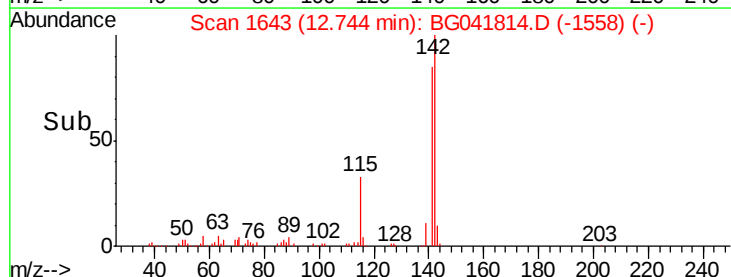
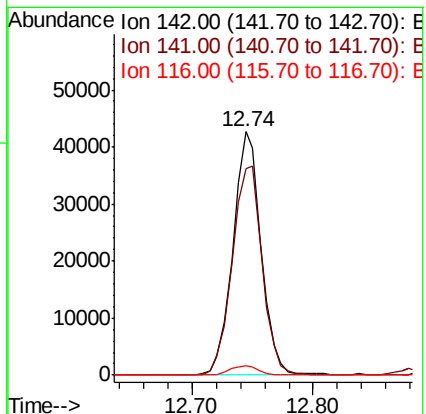
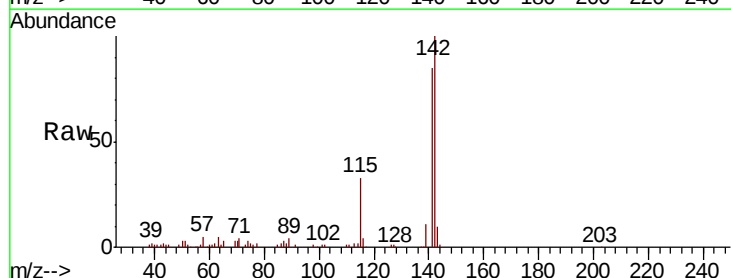
Tgt Ion:142 Resp: 69019

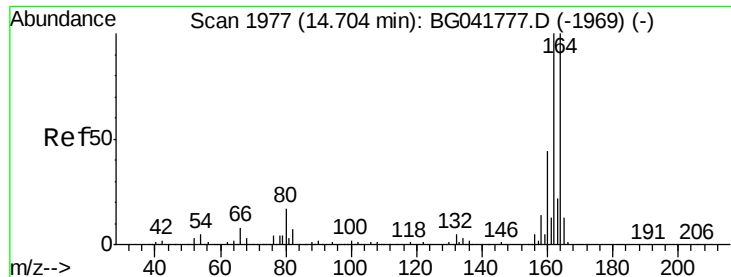
Ion Ratio Lower Upper

142 100

141 84.8 75.4 113.2

116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

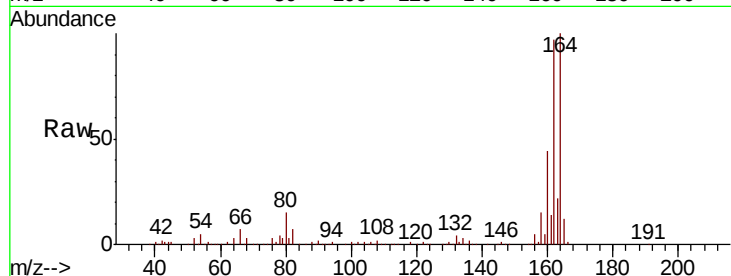
Tot Ion:164 Resp: 224736

Ion Ratio Lower Upper

164 100

162 97.2 79.6 119.4

160 44.4 35.4 53.0

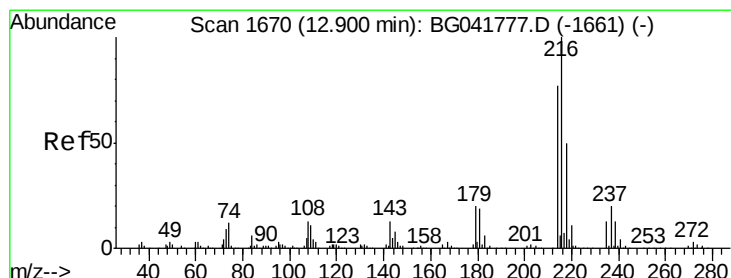
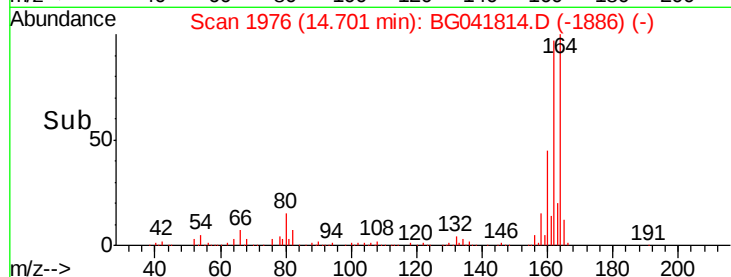
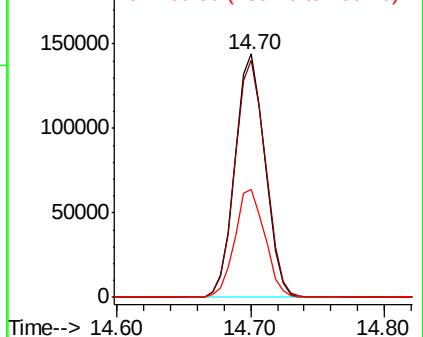


Abundance

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: 4.937 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Tgt Ion:216 Resp: 35118

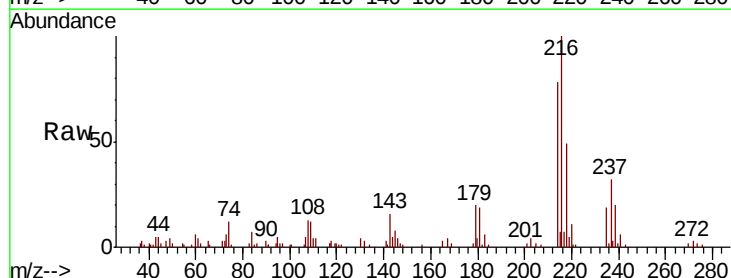
Ion Ratio Lower Upper

216 100

214 77.0 61.5 92.3

179 19.6 16.2 24.2

108 12.8 13.2 19.8#



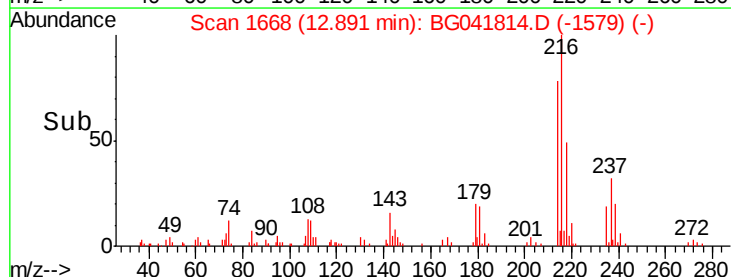
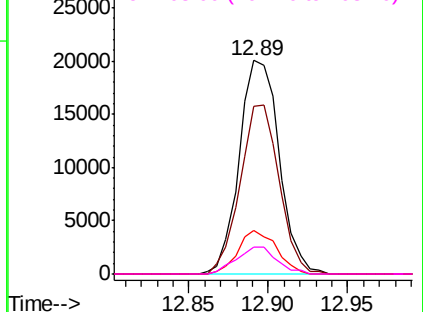
Abundance

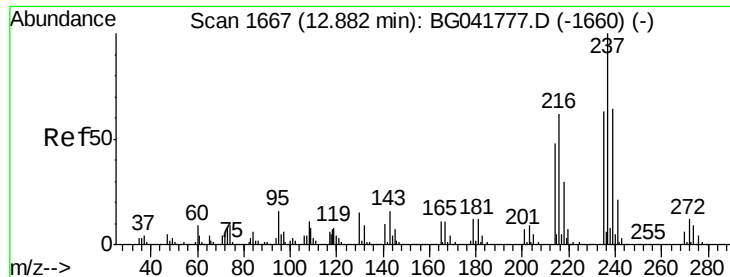
Ion 216.00 (215.70 to 216.70): E

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: 3.795 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

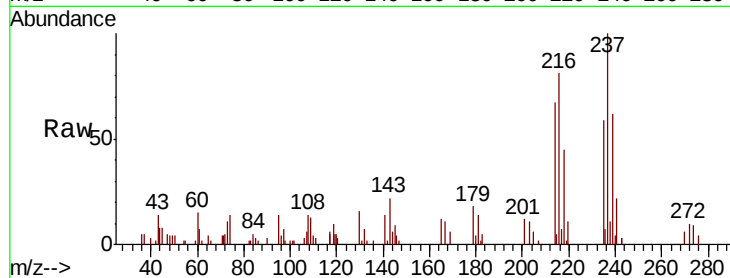
Tot Ion:237 Resp: 15177

Ion Ratio Lower Upper

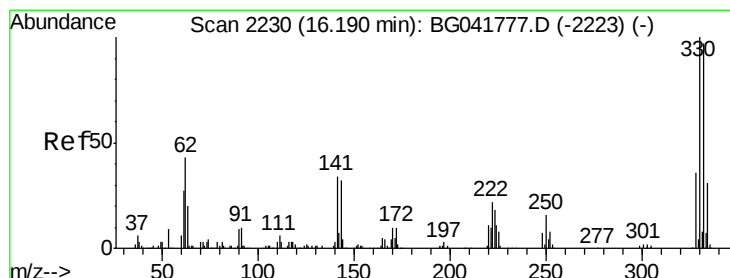
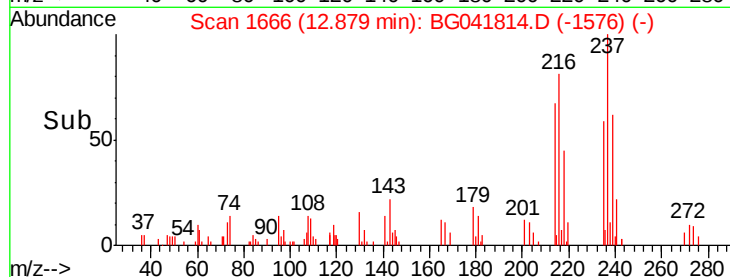
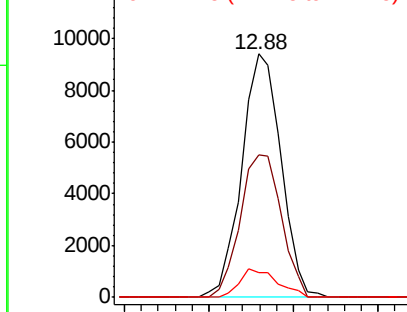
237 100

235 58.6 43.5 83.5

272 10.1 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 169.226 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

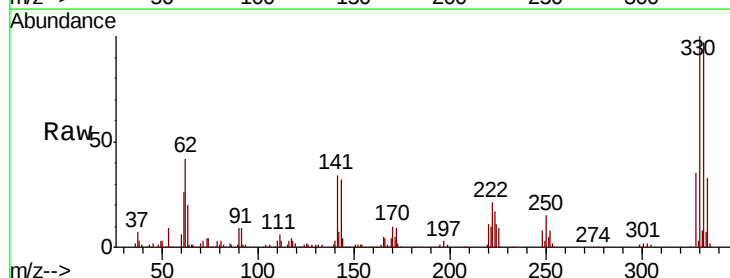
Tgt Ion:330 Resp: 431983

Ion Ratio Lower Upper

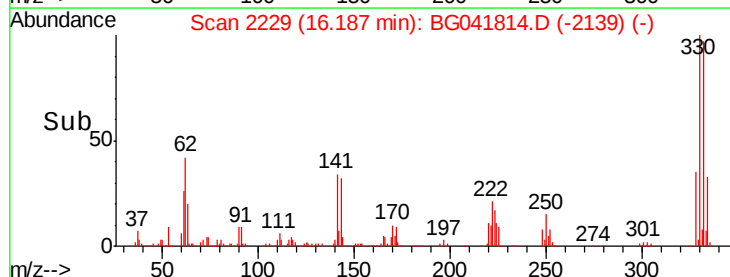
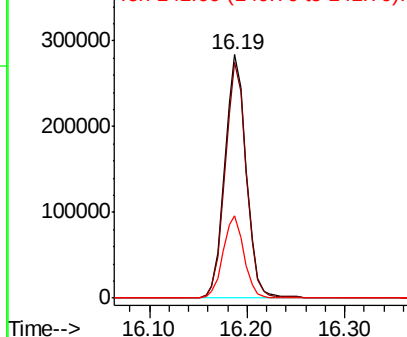
330 100

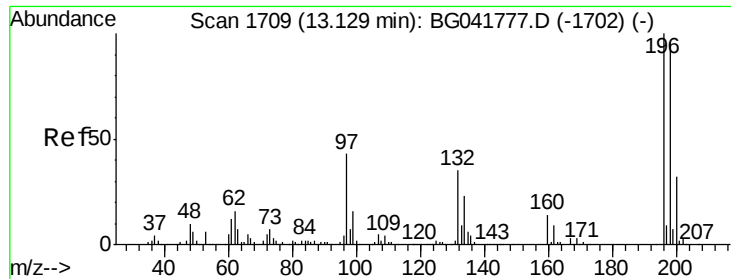
332 96.3 77.4 116.0

141 33.0 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

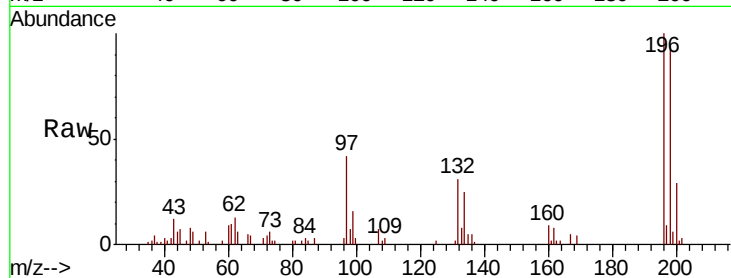




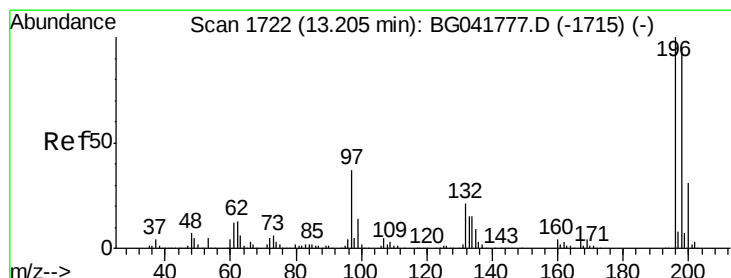
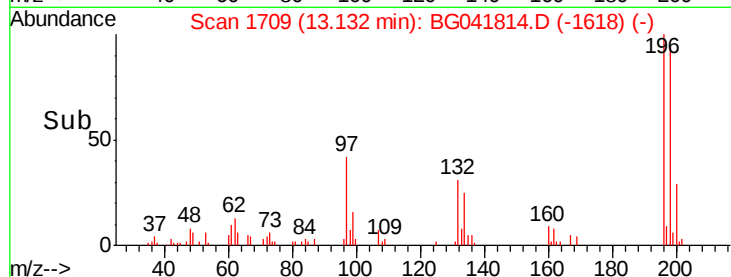
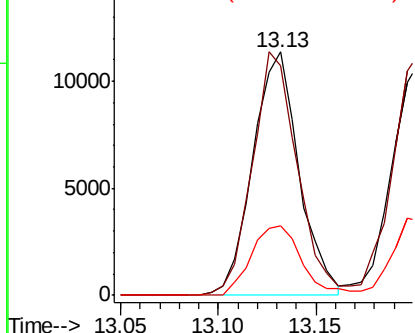
#43
 2,4,6-Trichlorophenol
 Concen: 4.138 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion:196 Resp: 18605
 Ion Ratio Lower Upper
 196 100
 198 94.4 79.6 119.4
 200 28.6 25.2 37.8

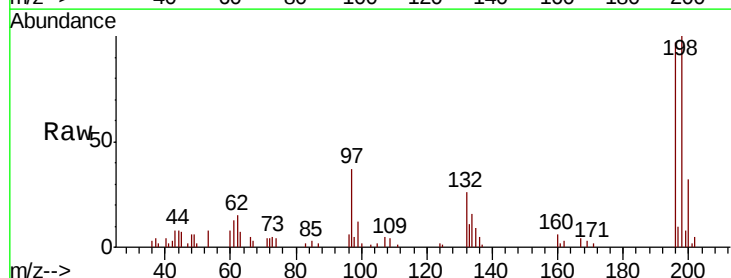


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

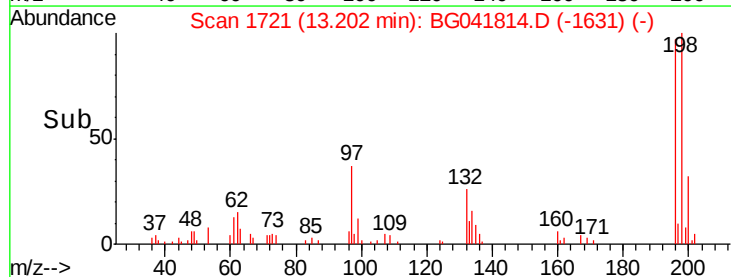
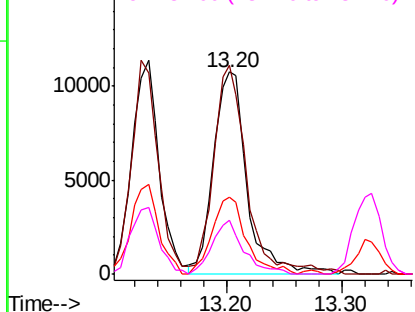


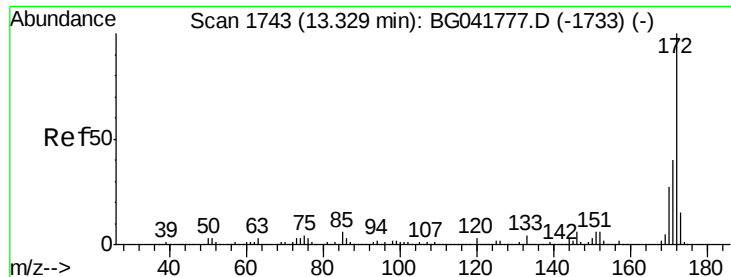
#44
 2,4,5-Trichlorophenol
 Concen: 4.627 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:196 Resp: 21619
 Ion Ratio Lower Upper
 196 100
 198 103.3 80.6 121.0
 97 38.1 33.9 50.9
 132 26.4 20.2 30.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



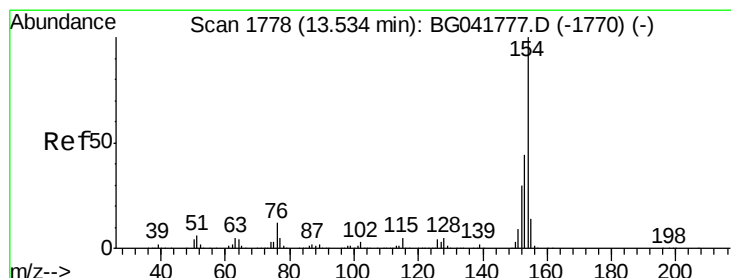
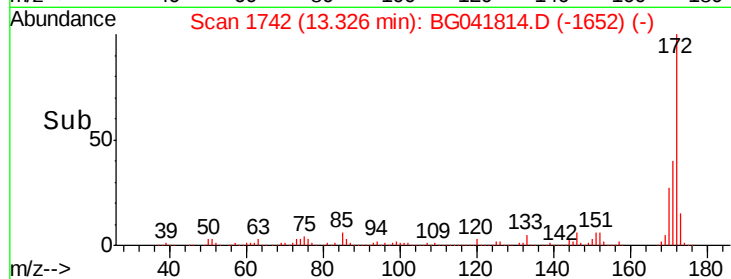
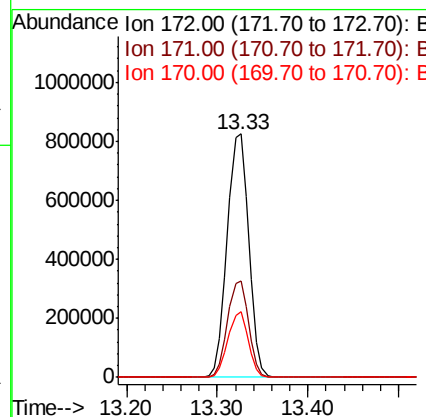
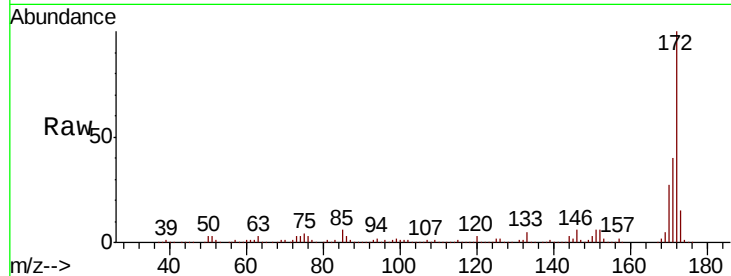


#45
 2-Fluorobiphenyl
 Concen: 107.191 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion:172 Resp: 1365845

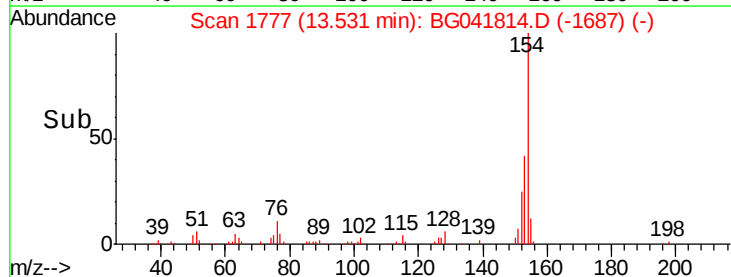
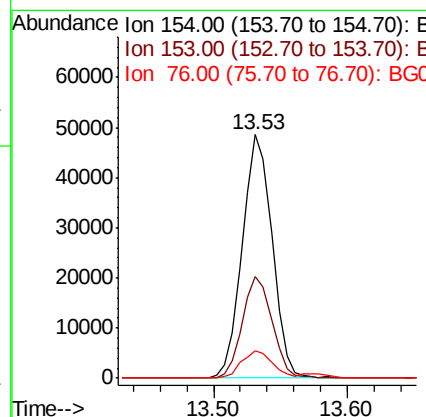
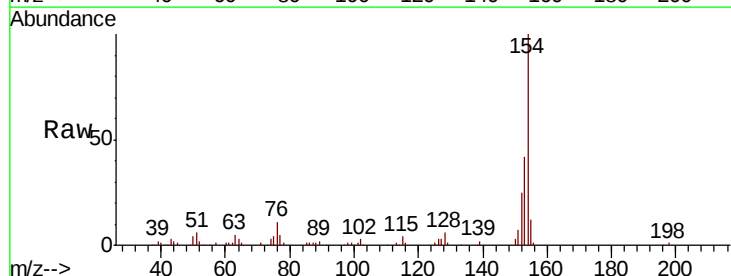
Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.8	23.5	35.3

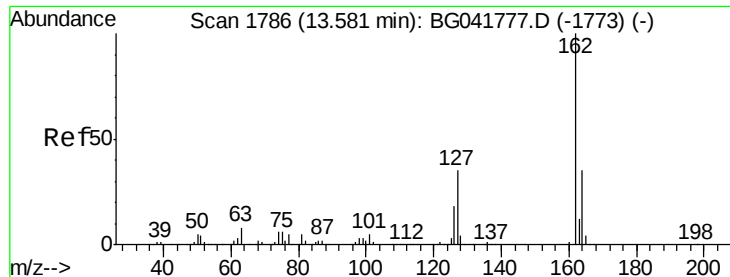


#46
 1,1'-Biphenyl
 Concen: 5.182 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:154 Resp: 74859

Ion	Ratio	Lower	Upper
154	100		
153	41.6	25.0	65.0
76	11.1	0.0	34.5





#47

2-Chloronaphthalene

Concen: 4.723 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

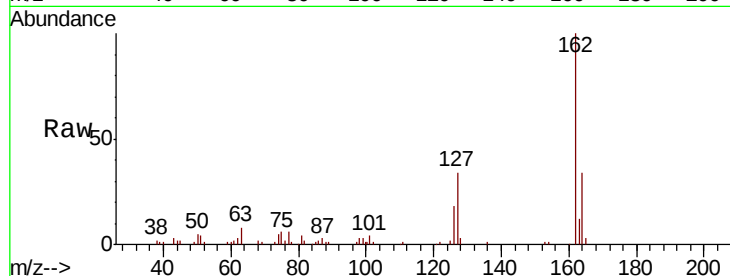
Tot Ion:162 Resp: 58092

Ion Ratio Lower Upper

162 100

127 34.4 30.4 45.6

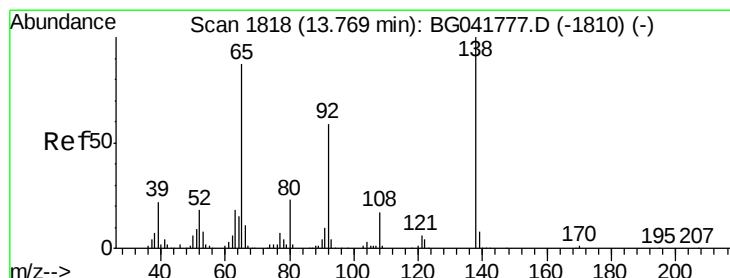
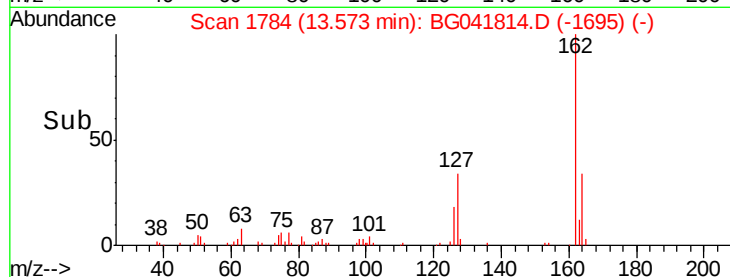
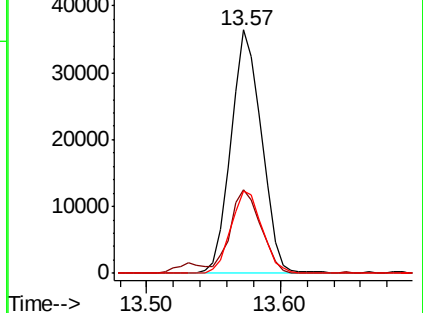
164 33.9 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 4.640 ng

RT: 13.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

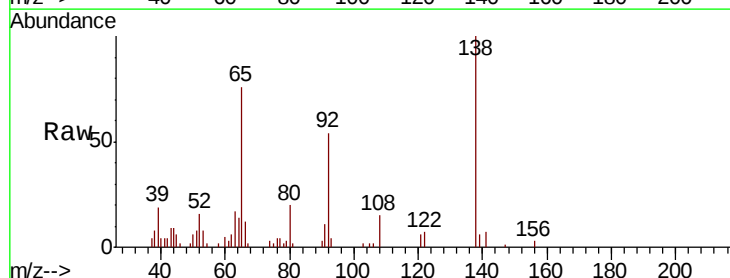
Tgt Ion: 65 Resp: 14473

Ion Ratio Lower Upper

65 100

92 71.8 53.9 80.9

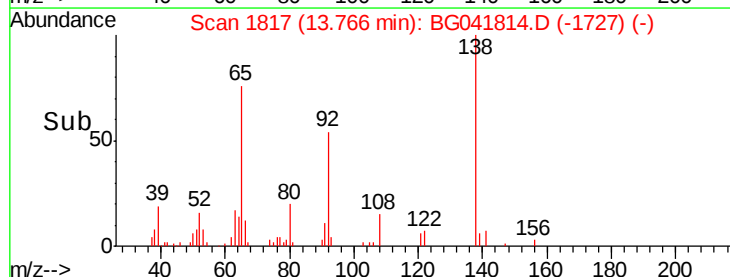
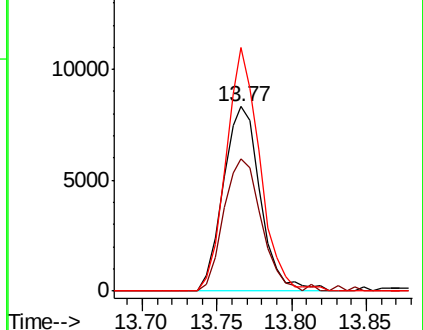
138 131.9 83.5 125.3#

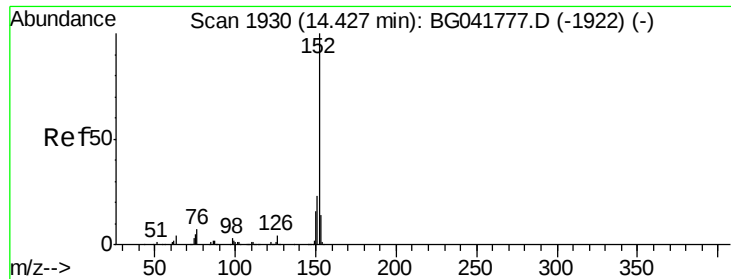


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.274 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

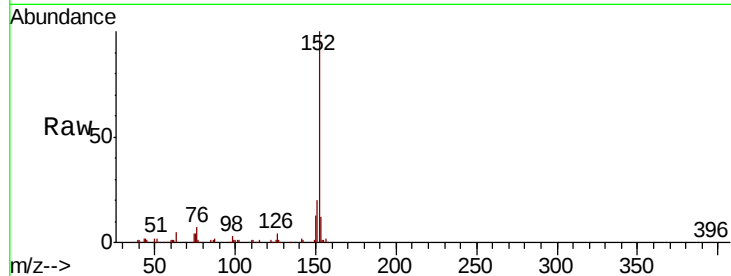
Tot Ion:152 Resp: 97043

Ion Ratio Lower Upper

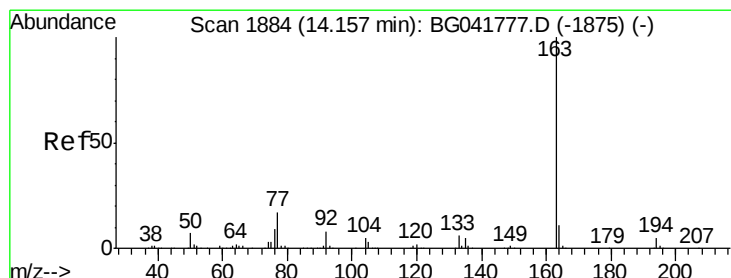
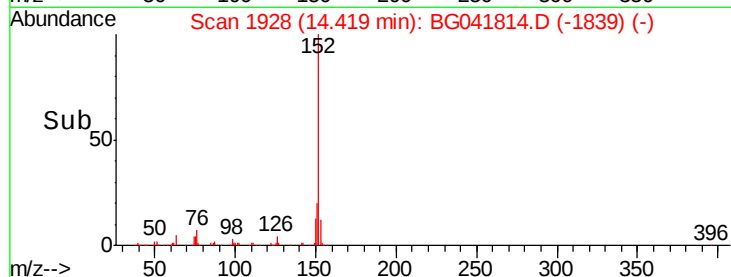
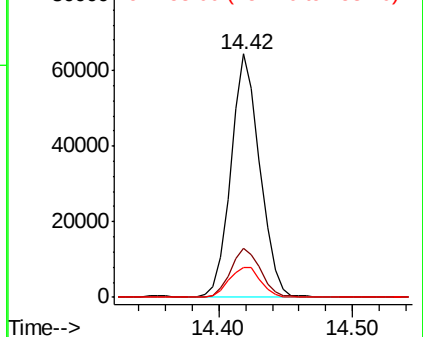
152 100

151 20.4 18.7 28.1

153 12.2 12.4 18.6#



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: 9.280 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

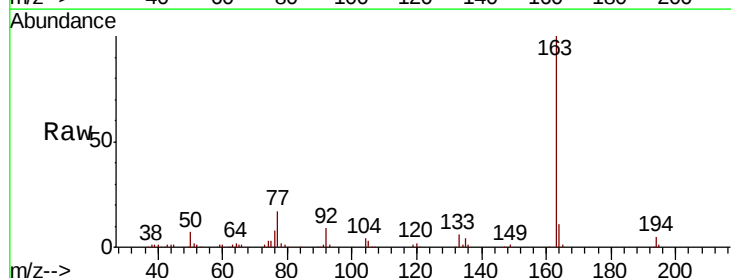
Tgt Ion:163 Resp: 142438

Ion Ratio Lower Upper

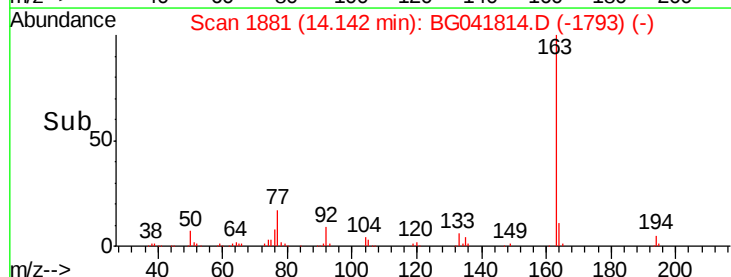
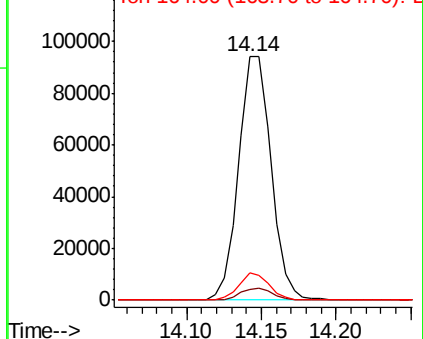
163 100

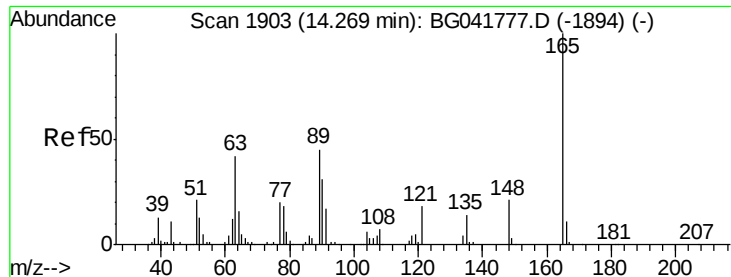
194 4.5 4.2 6.2

164 11.1 9.4 14.2



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

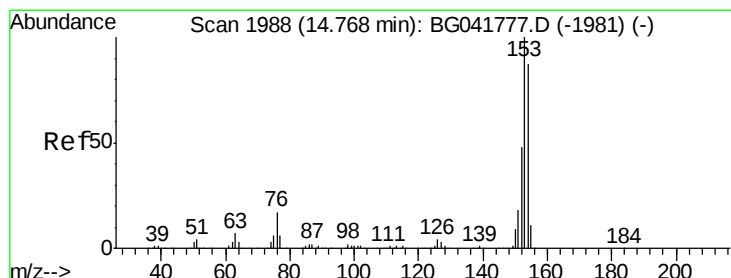
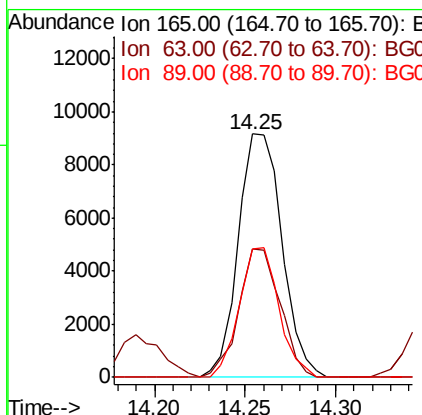
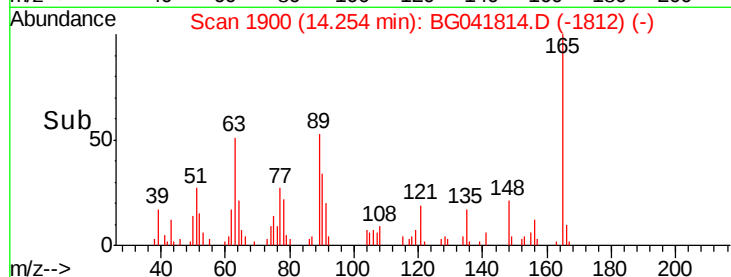
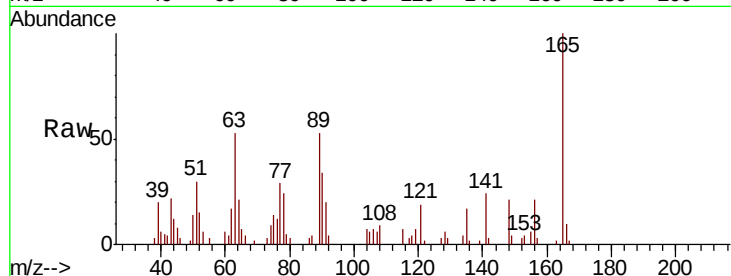




#51
 2,6-Dinitrotoluene
 Concen: 4.784 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

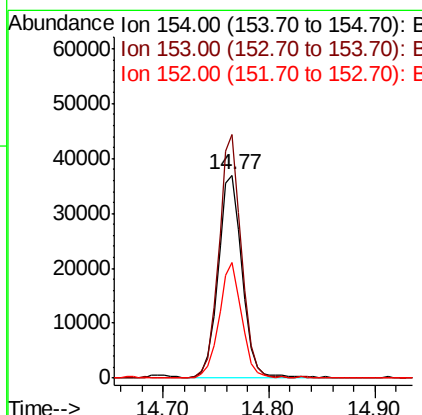
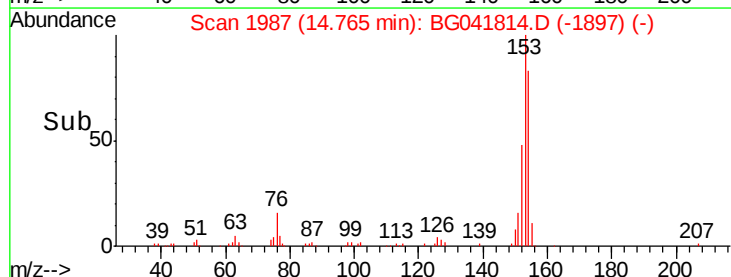
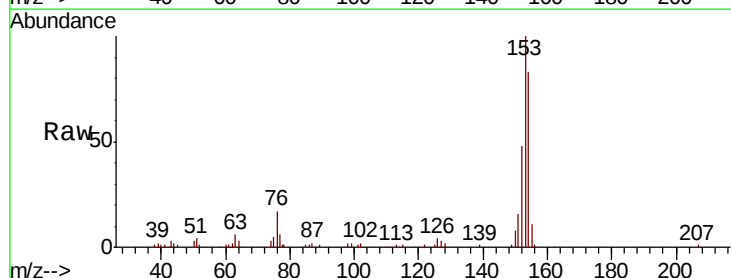
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

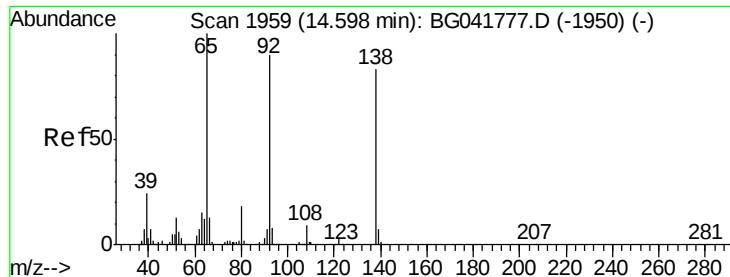
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.6	42.4	63.6
89	52.8	42.1	63.1



#52
 Acenaphthene
 Concen: 4.893 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.8	89.8	134.6
152	57.2	44.9	67.3

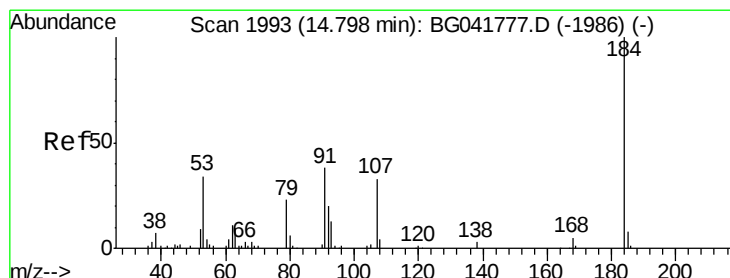
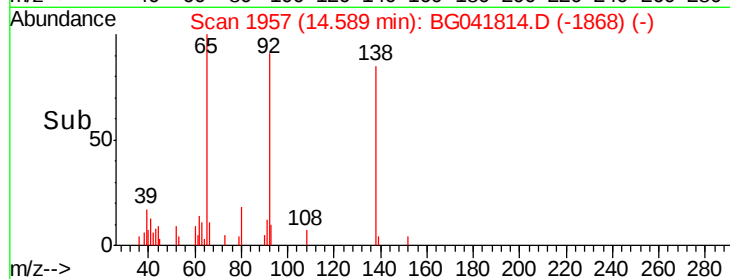
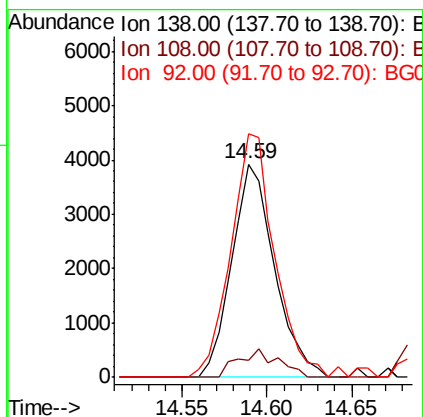
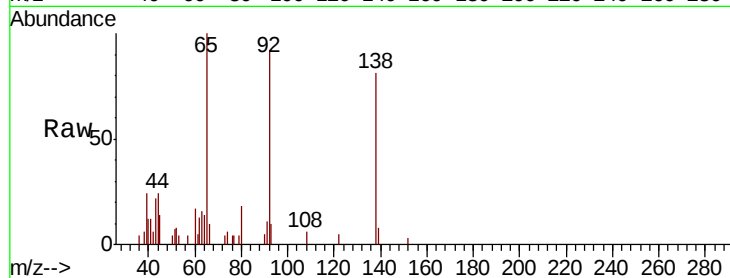




#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

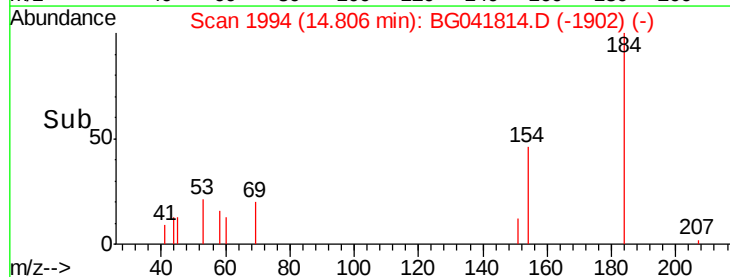
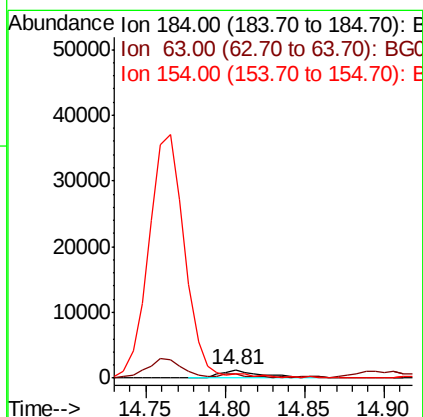
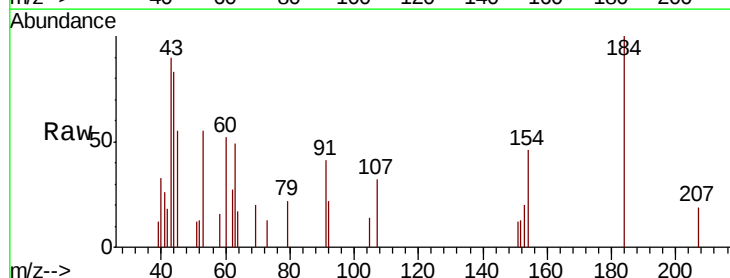
Instrument :
BNA_G
ClientSampleId :
TP-1

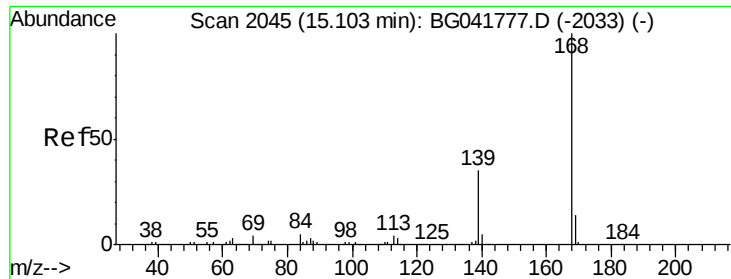
Tot Ion:138 Resp: 6900
Ion Ratio Lower Upper
138 100
108 8.0 10.3 15.5#
92 114.3 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 4.909 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:184 Resp: 2310
Ion Ratio Lower Upper
184 100
63 49.0 43.2 64.8
154 45.7 51.4 77.2#

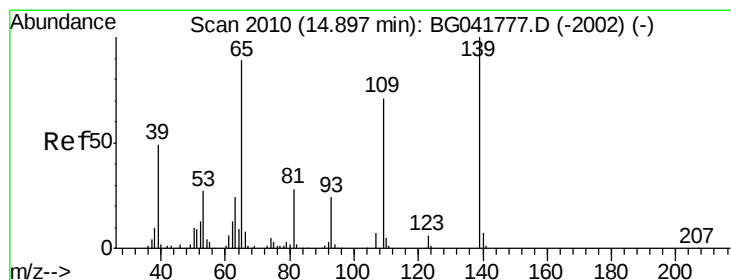
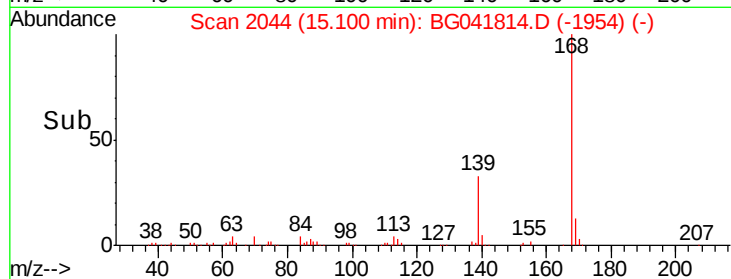
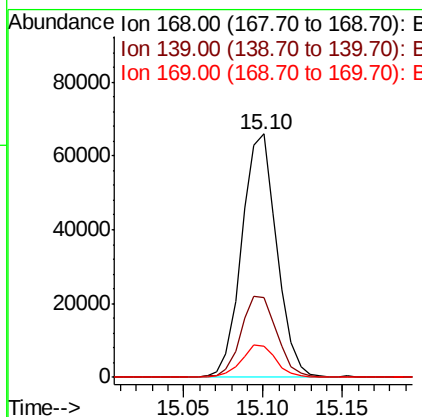
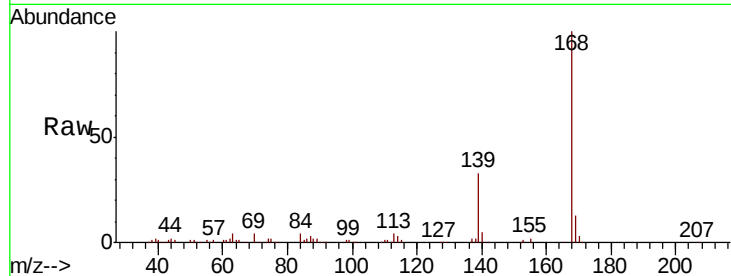




#55
Dibenzenofuran
Concen: 5.508 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

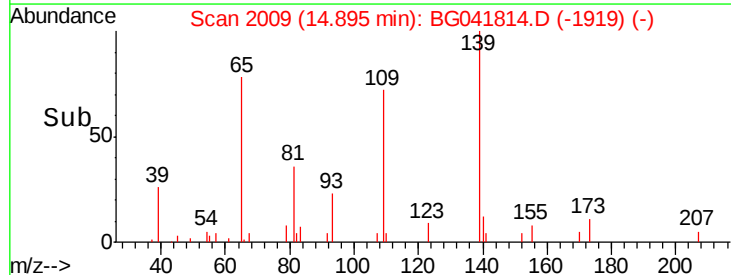
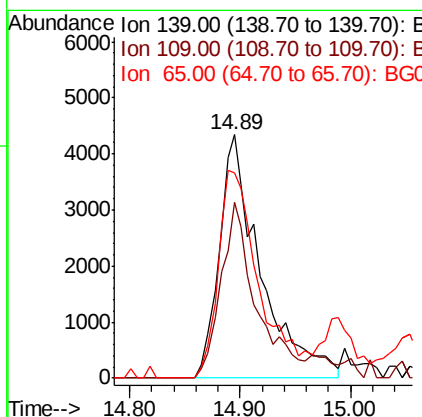
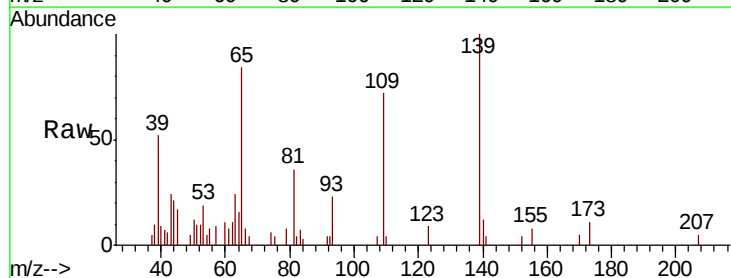
Instrument :
BNA_G
ClientSampleId :
TP-1

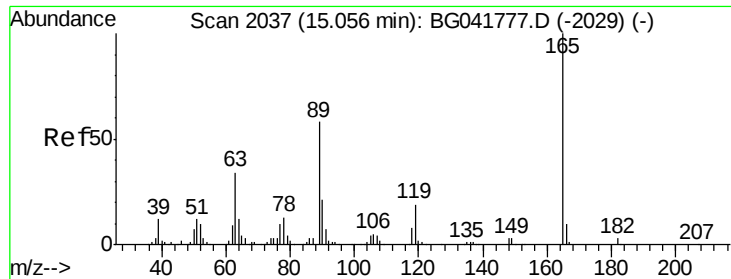
Tot Ion:168 Resp: 100816
Ion Ratio Lower Upper
168 100
139 32.6 31.9 47.9
169 12.8 12.5 18.7



#56
4-Nitrophenol
Concen: 4.320 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:139 Resp: 11258
Ion Ratio Lower Upper
139 100
109 72.0 51.3 91.3
65 84.4 77.6 117.6

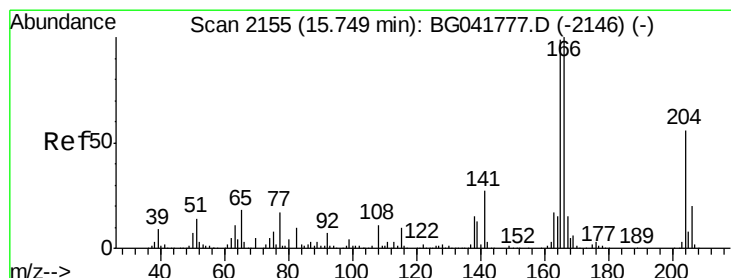
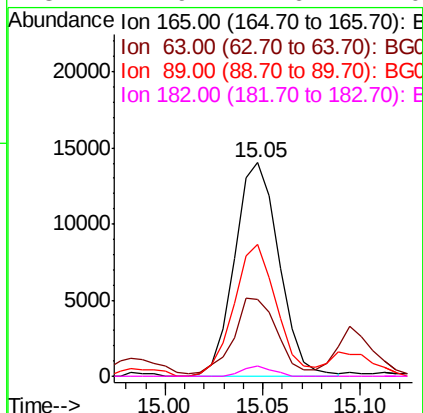
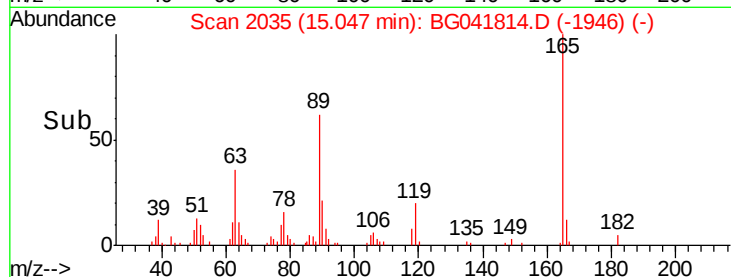
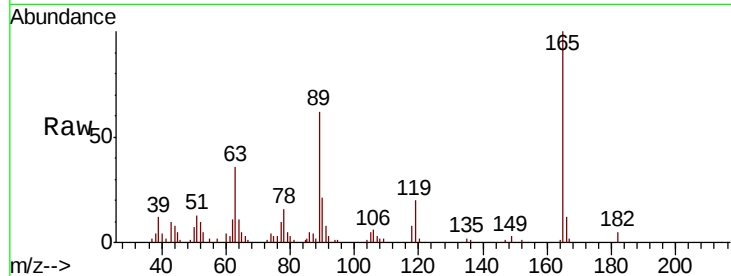




#57
2,4-Dinitrotoluene
Concen: 5.016 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

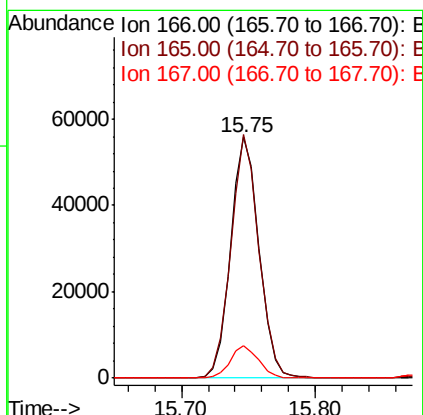
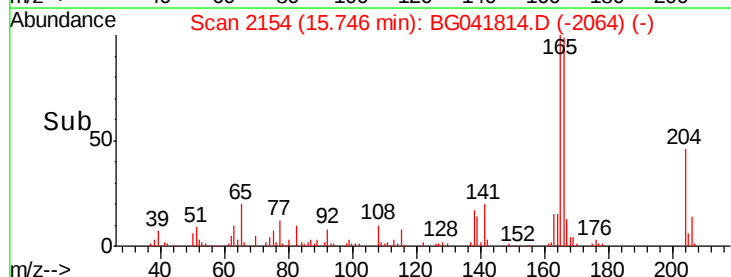
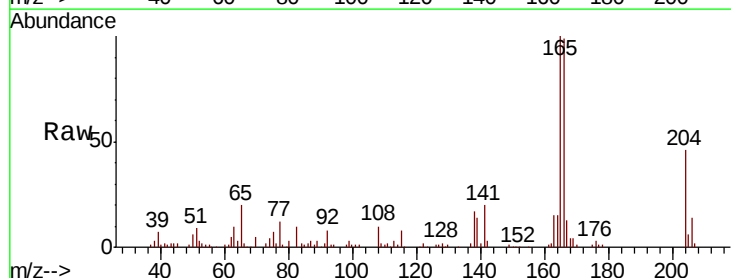
Instrument :
BNA_G
ClientSampleId :
TP-1

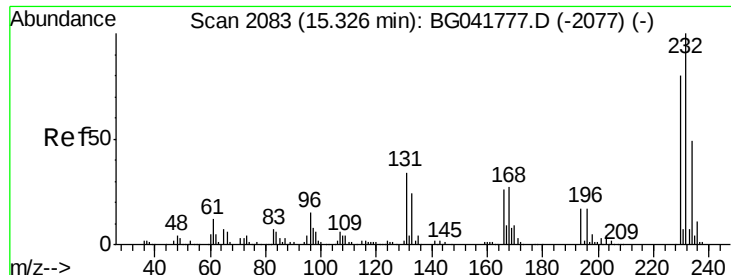
Tot Ion:165 Resp: 22138
Ion Ratio Lower Upper
165 100
63 36.0 31.7 47.5
89 61.6 50.2 75.4
182 4.9 2.6 4.0#



#58
Fluorene
Concen: 5.623 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:166 Resp: 82599
Ion Ratio Lower Upper
166 100
165 101.1 80.5 120.7
167 13.5 12.4 18.6

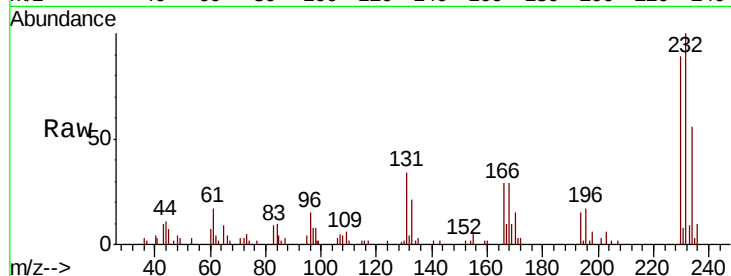




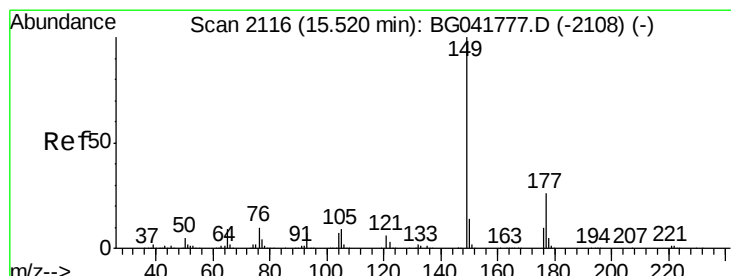
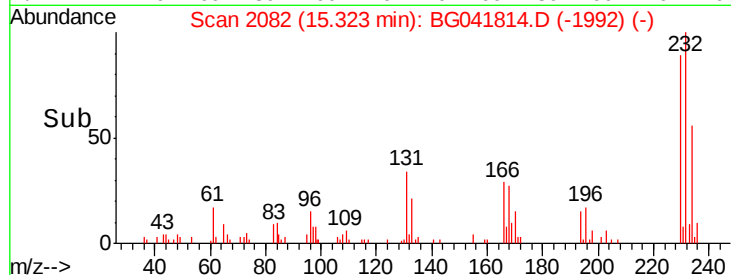
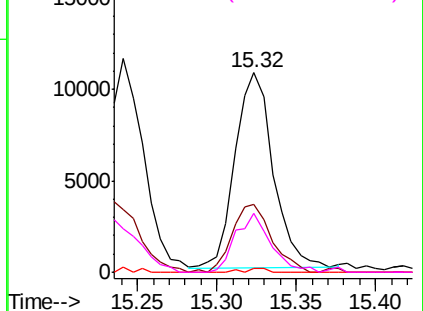
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.880 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:232 Resp: 17954
Ion Ratio Lower Upper
232 100
131 35.6 31.8 47.6
130 1.2 1.8 2.8#
166 27.6 23.5 35.3

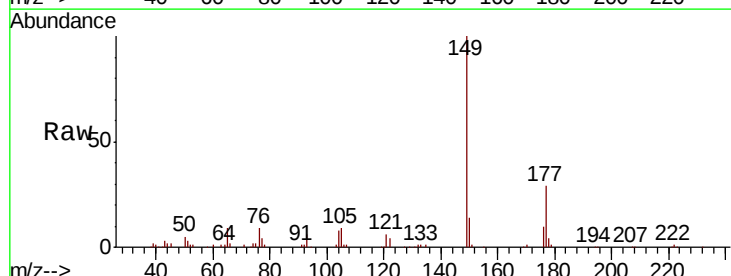


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

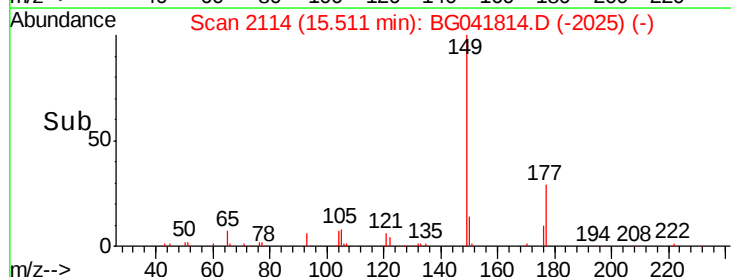
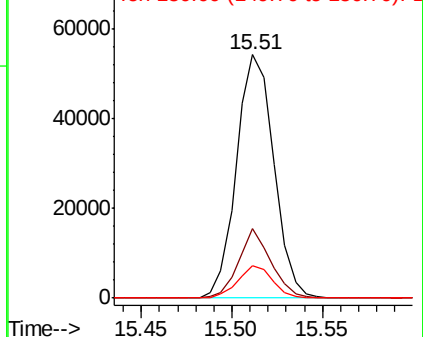


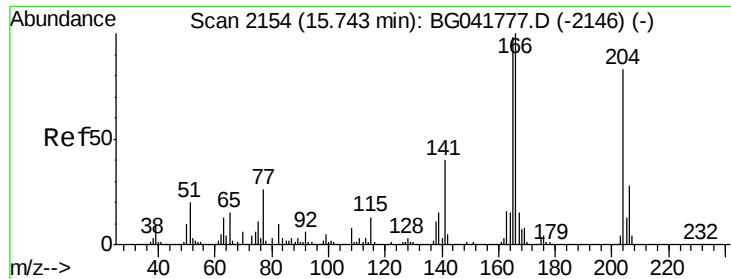
#60
Diethylphthalate
Concen: 5.143 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:149 Resp: 77505
Ion Ratio Lower Upper
149 100
177 28.5 20.7 31.1
150 13.5 11.5 17.3



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

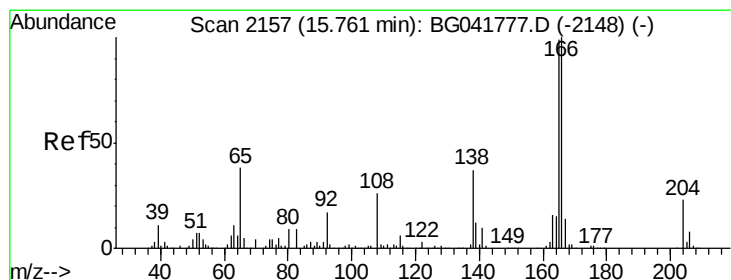
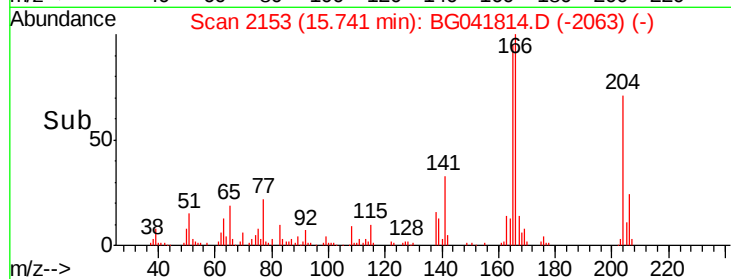
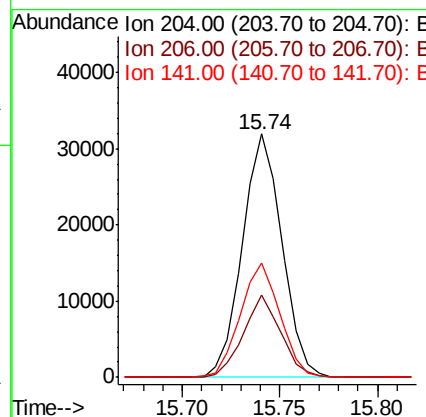
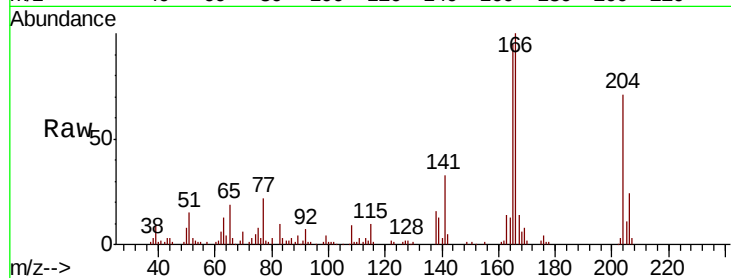




#61
 4-Chlorophenyl-phenylether
 Concen: 5.007 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

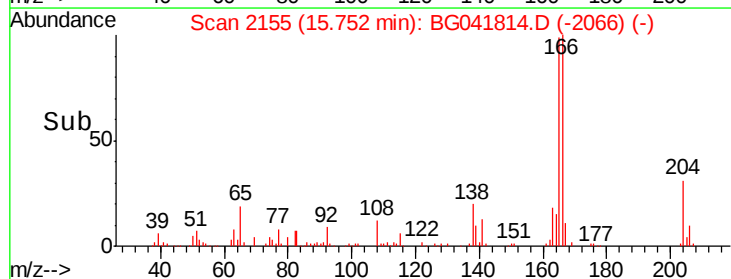
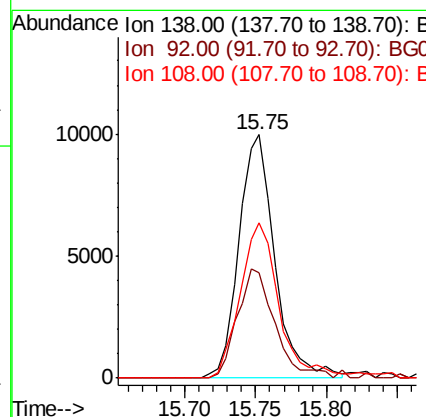
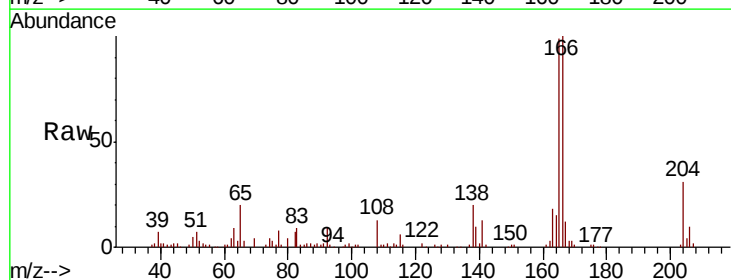
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

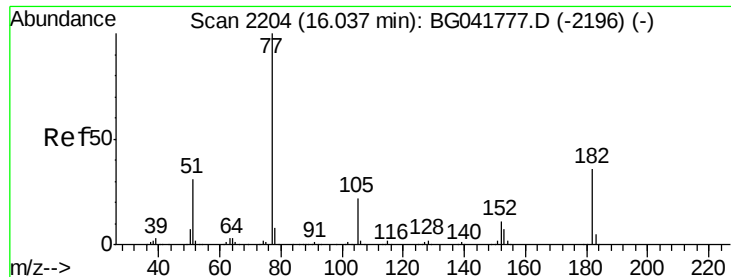
Tot Ion:204 Resp: 44897
 Ion Ratio Lower Upper
 204 100
 206 33.7 28.6 42.8
 141 46.7 42.9 64.3



#62
 4-Nitroaniline
 Concen: 4.753 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:138 Resp: 17675
 Ion Ratio Lower Upper
 138 100
 92 43.1 29.8 69.8
 108 63.6 52.2 92.2

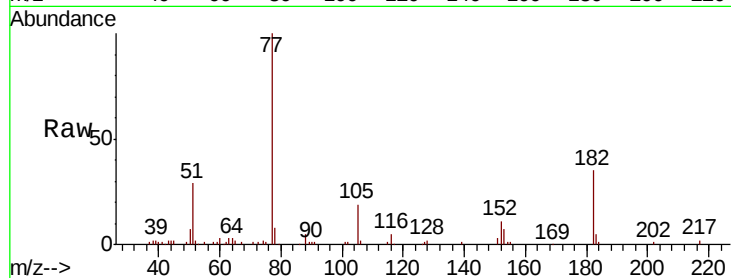




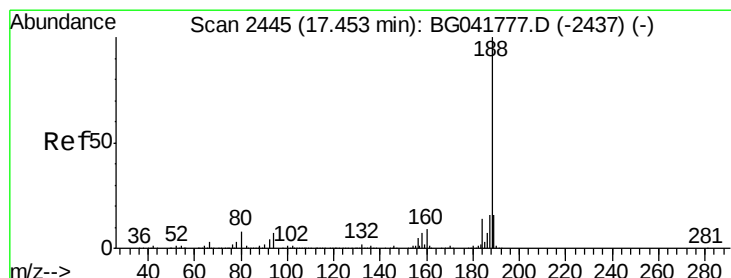
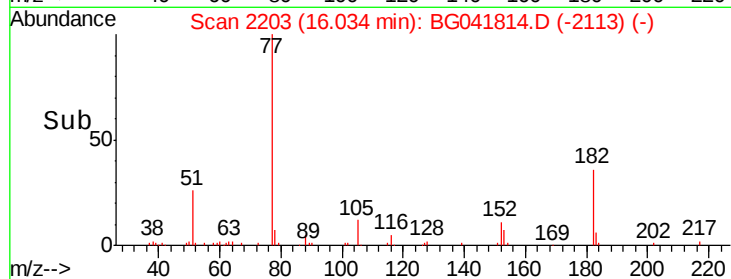
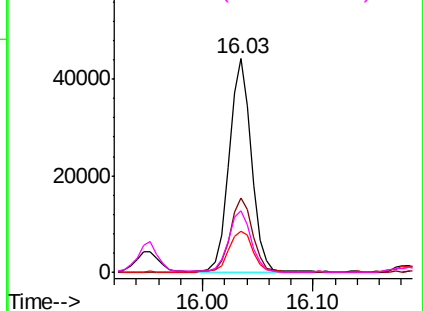
#63
Azobenzene
Concen: 5.083 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion: 77 Resp: 62565
Ion Ratio Lower Upper
77 100
182 35.0 13.2 53.2
105 19.3 2.2 42.2
51 28.7 14.6 54.6

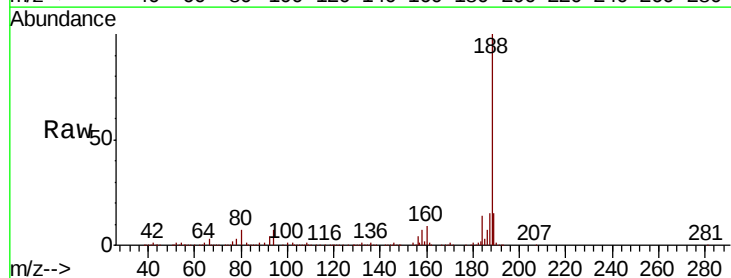


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

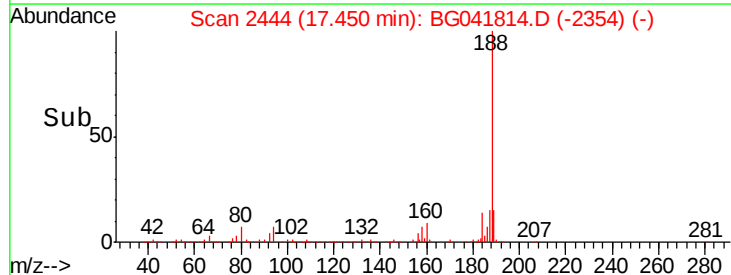
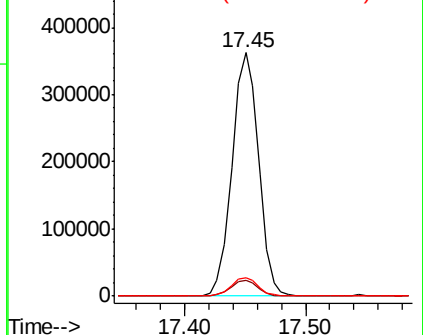


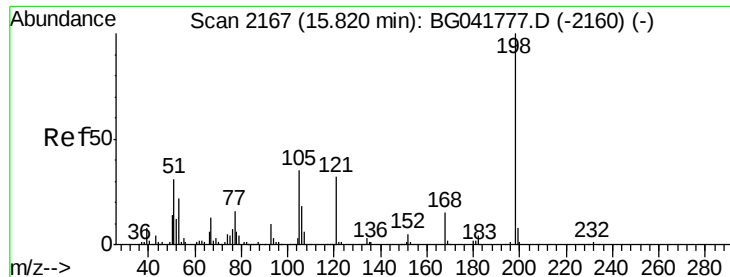
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion: 188 Resp: 554905
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.3 8.0 12.0#



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

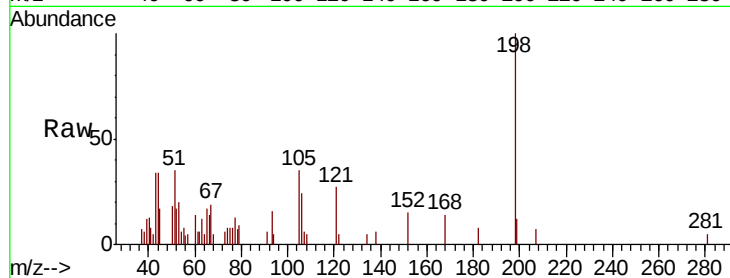




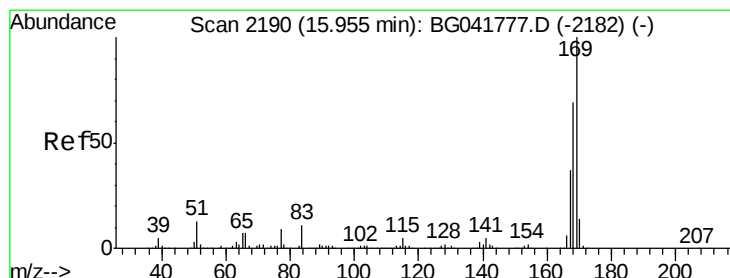
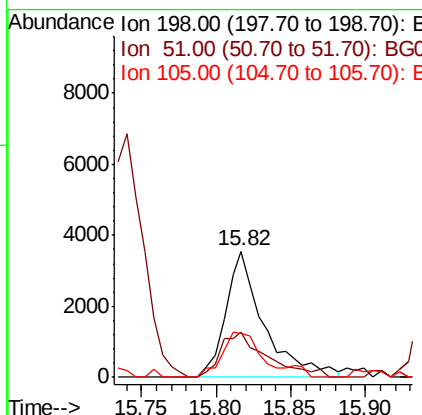
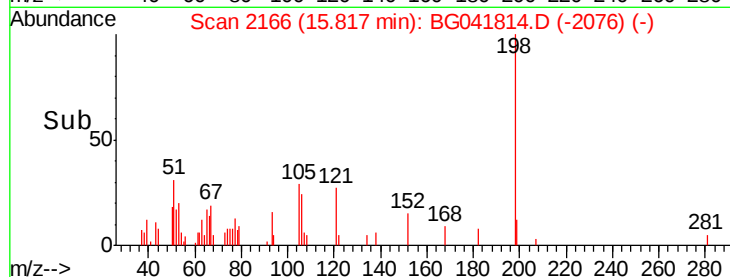
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.856 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:198 Resp: 6348
 Ion Ratio Lower Upper
 198 100
 51 35.4 22.3 62.3
 105 35.0 18.0 58.0

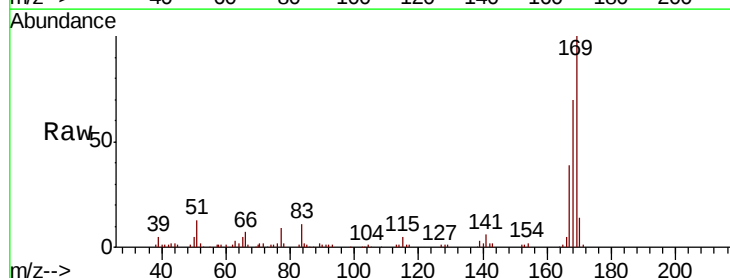


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

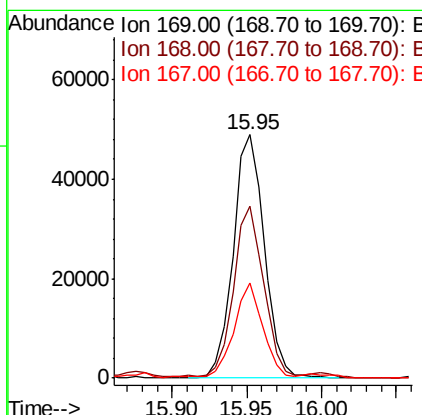
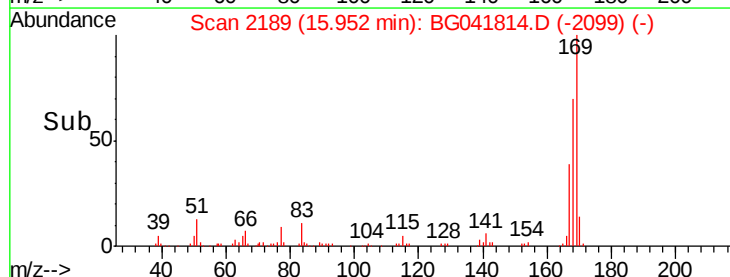


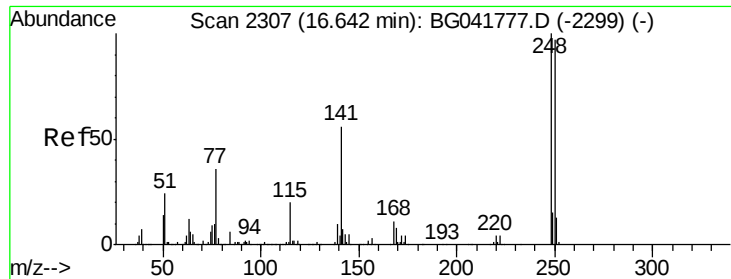
#66
 n-Nitrosodiphenylamine
 Concen: 4.703 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:169 Resp: 71088
 Ion Ratio Lower Upper
 169 100
 168 70.5 56.9 85.3
 167 39.3 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

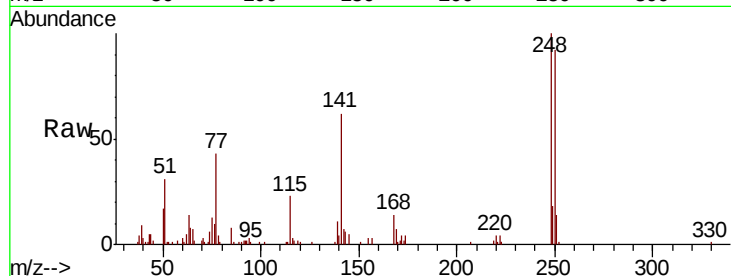




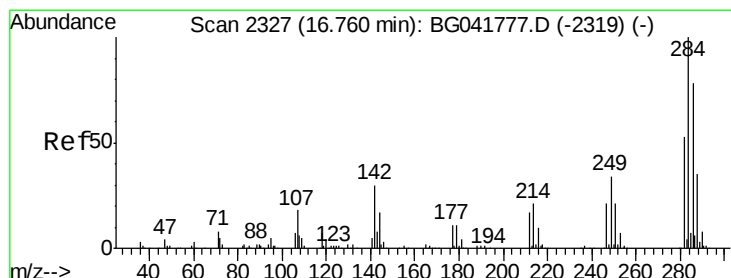
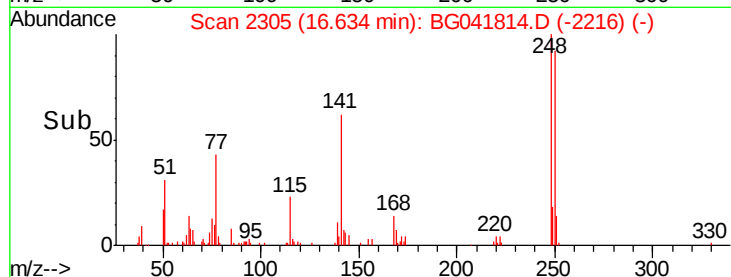
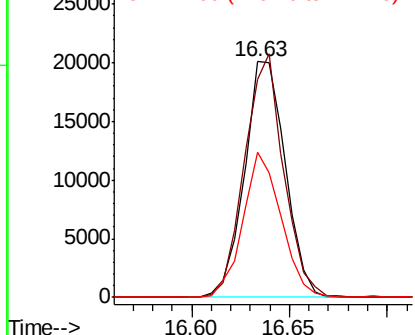
#67
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion:248 Resp: 29117
Ion Ratio Lower Upper
248 100
250 92.3 78.1 117.1
141 61.6 49.6 74.4

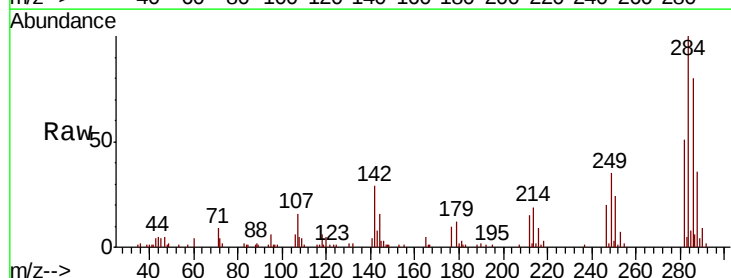


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

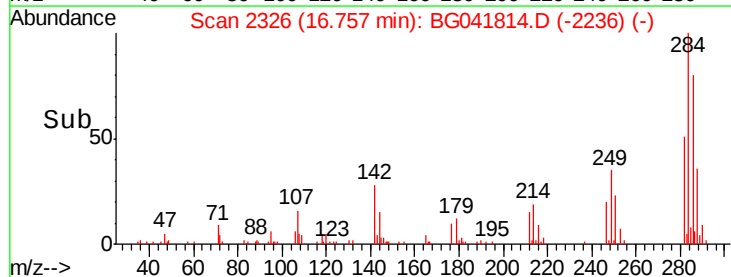
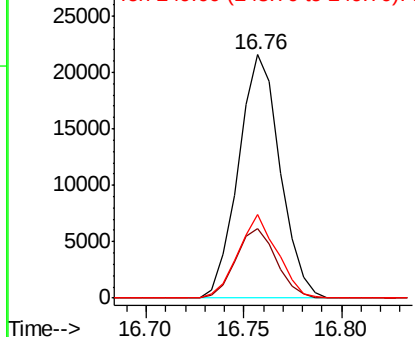


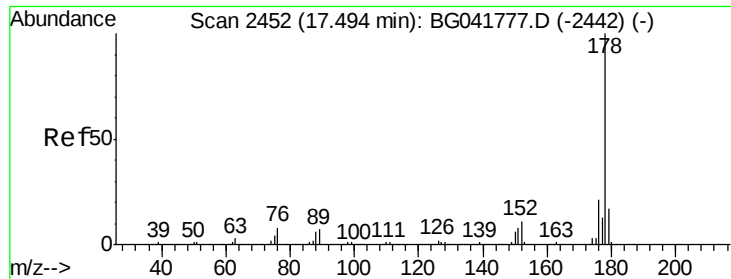
#68
Hexachlorobenzene
Concen: 4.458 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion:284 Resp: 31880
Ion Ratio Lower Upper
284 100
142 28.7 27.0 40.6
249 34.5 28.4 42.6



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

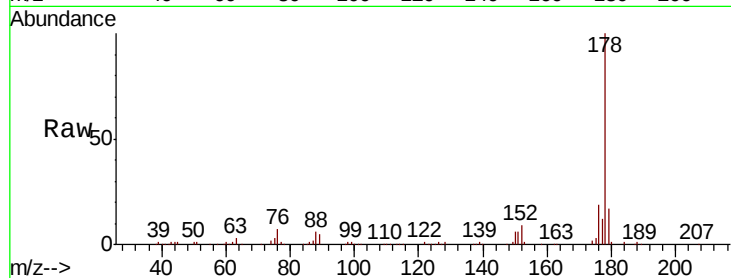




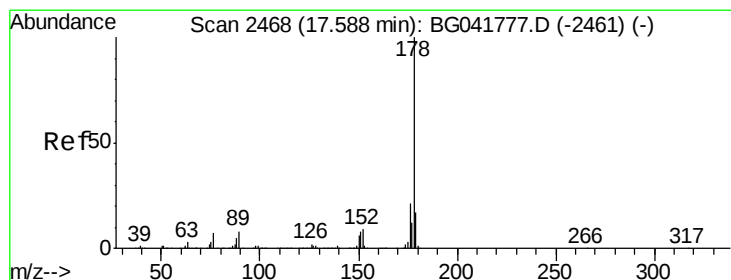
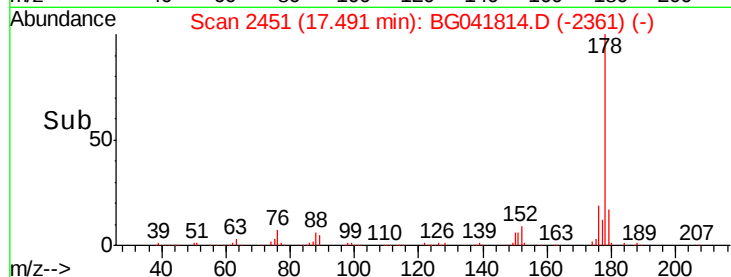
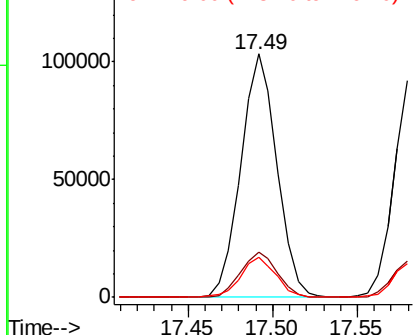
#71
 Phenanthrene
 Concen: 5.775 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:178 Resp: 153609
 Ion Ratio Lower Upper
 178 100
 176 18.6 18.6 28.0#
 179 16.6 15.4 23.0

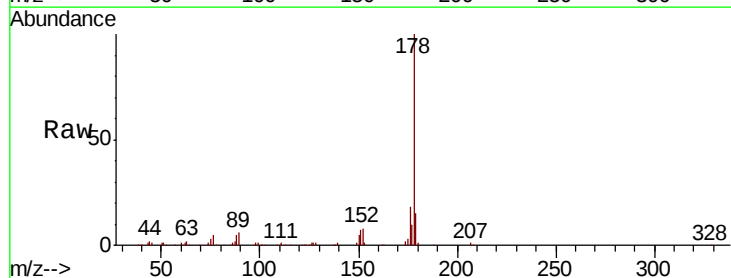


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

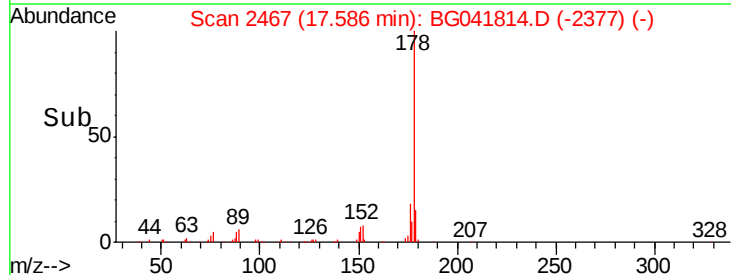
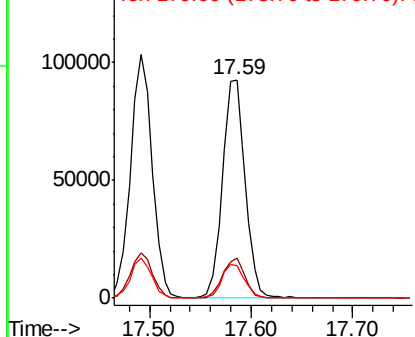


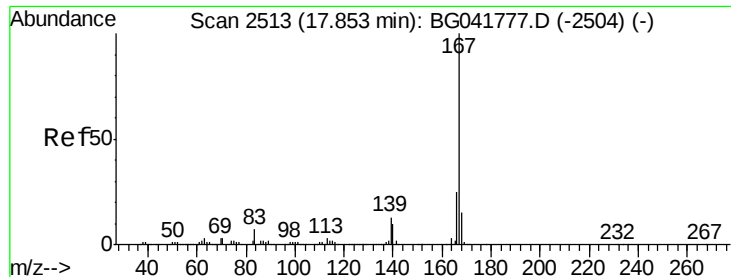
#72
 Anthracene
 Concen: 5.419 ng
 RT: 17.59 min Scan# 2467
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:178 Resp: 143744
 Ion Ratio Lower Upper
 178 100
 176 18.3 18.6 28.0#
 179 14.7 15.1 22.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 5.844 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

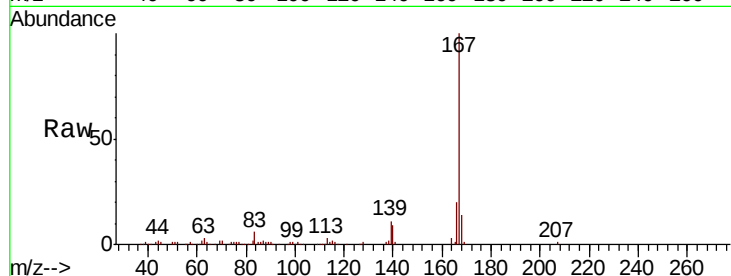
Tot Ion:167 Resp: 139148

Ion Ratio Lower Upper

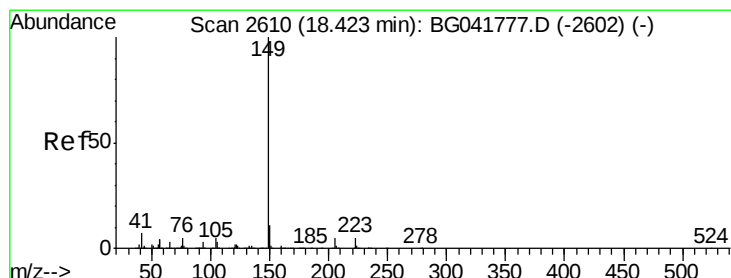
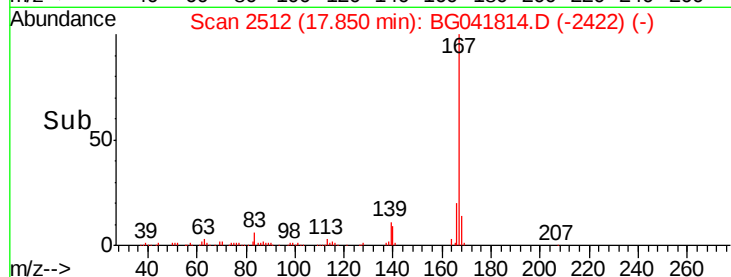
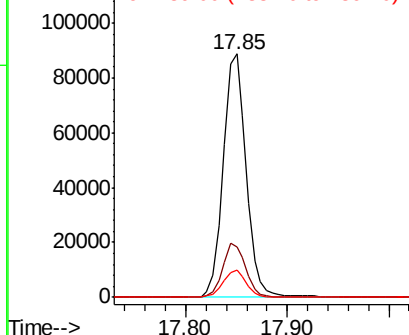
167 100

166 20.5 21.4 32.2#

139 11.5 12.1 18.1#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 5.824 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

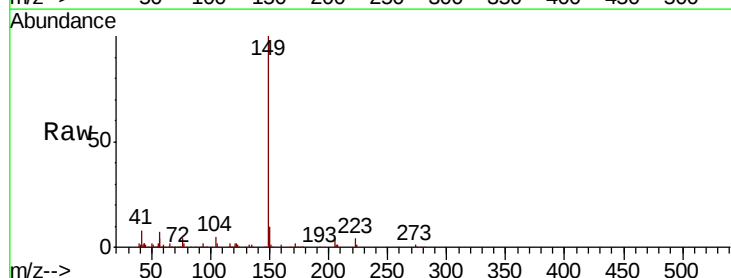
Tgt Ion:149 Resp: 157194

Ion Ratio Lower Upper

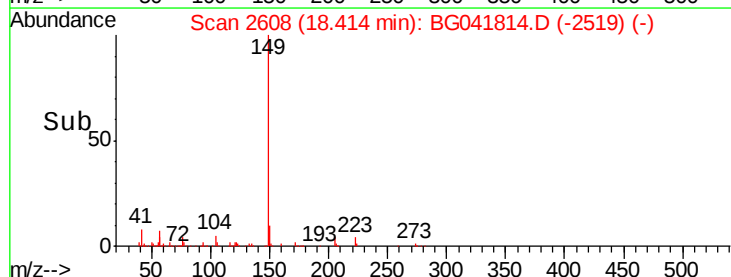
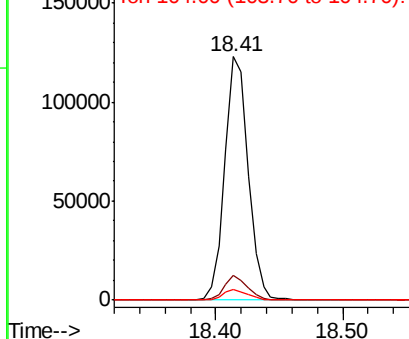
149 100

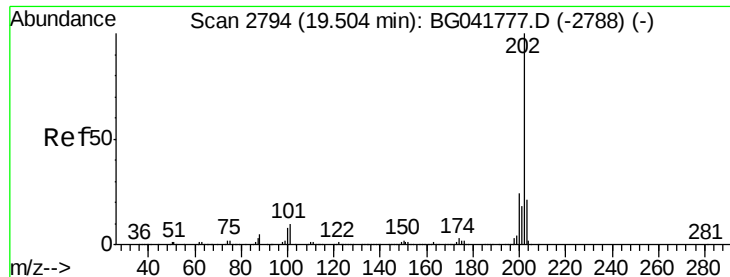
150 10.0 10.2 15.2#

104 4.6 5.3 7.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 6.402 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

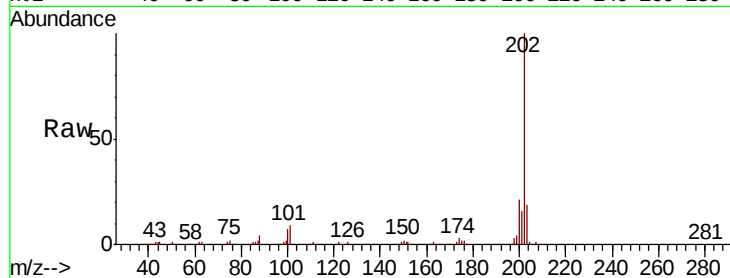
Tot Ion:202 Resp: 206980

Ion Ratio Lower Upper

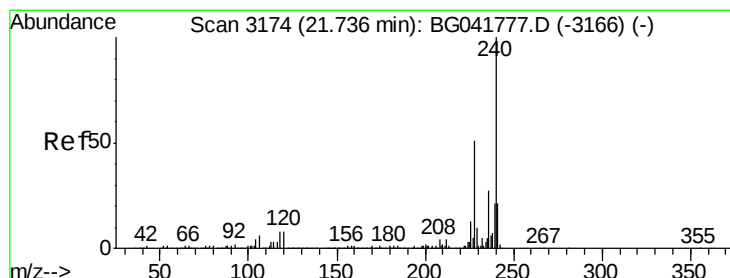
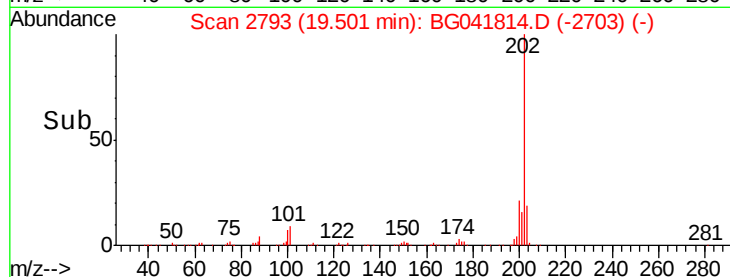
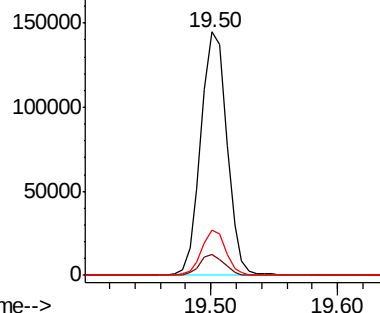
202 100

101 8.6 0.0 32.8

203 18.6 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

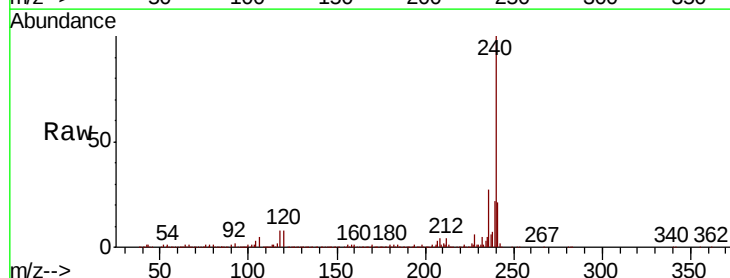
Tgt Ion:240 Resp: 666726

Ion Ratio Lower Upper

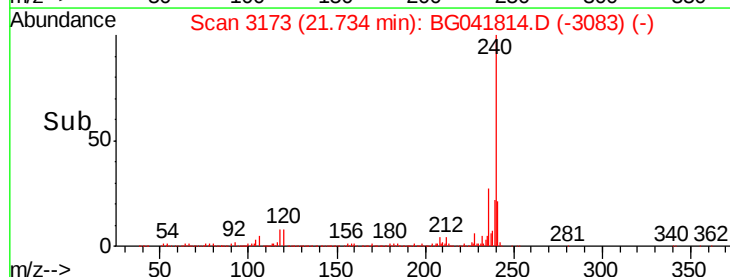
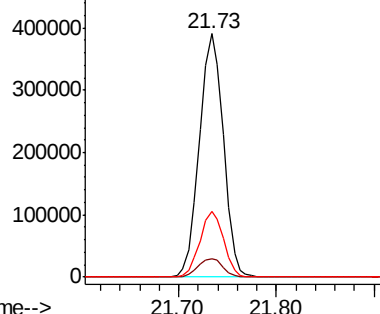
240 100

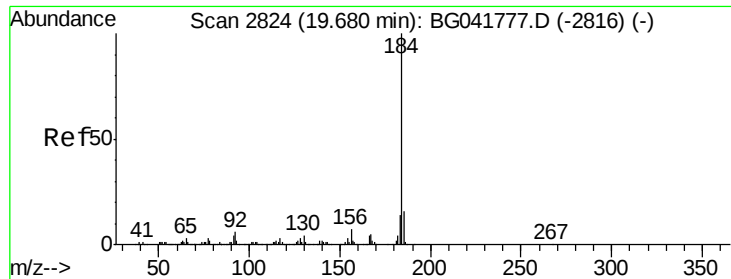
120 7.6 8.0 12.0#

236 26.9 22.6 33.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.130 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.38 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

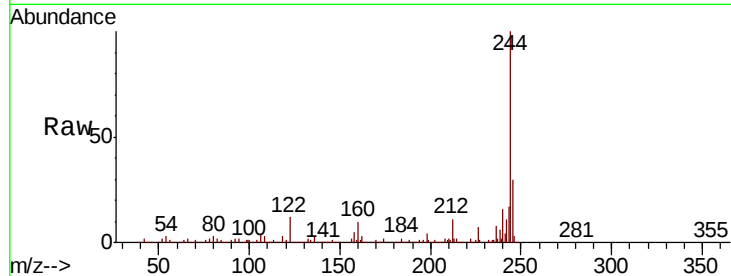
Tot Ion:184 Resp: 46357

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.4

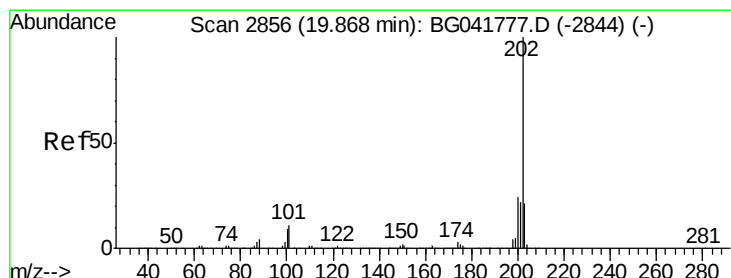
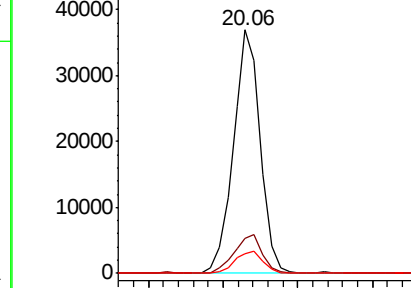
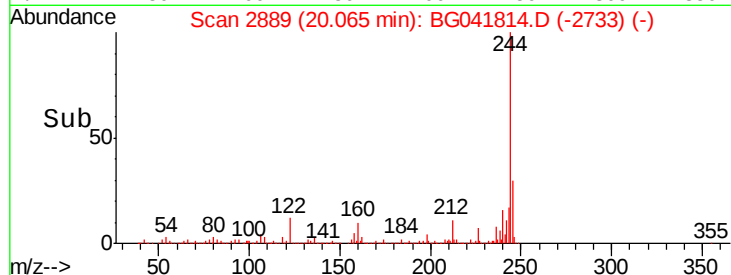
183 7.9 11.8 17.6#



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: 5.399 ng

RT: 19.87 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

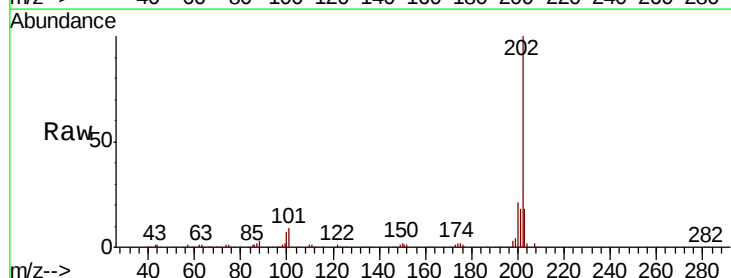
Tgt Ion:202 Resp: 213291

Ion Ratio Lower Upper

202 100

200 20.7 22.2 33.2#

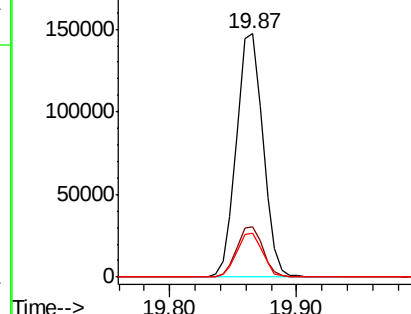
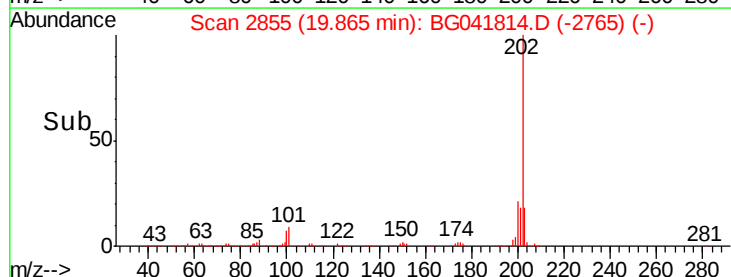
203 18.3 18.9 28.3#

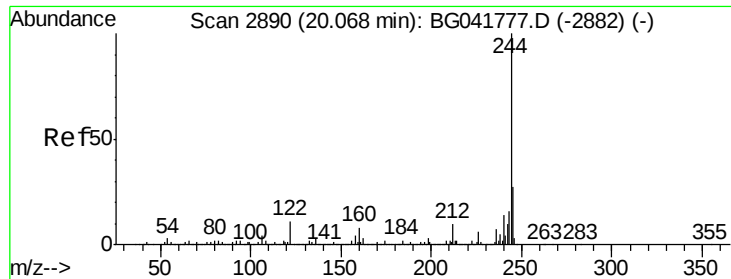


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.834 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

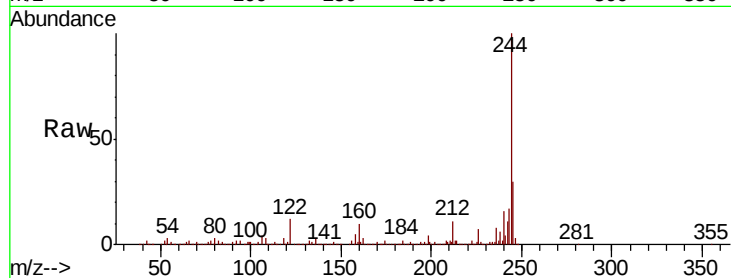
Tot Ion:244 Resp: 2559212

Ion Ratio Lower Upper

244 100

212 11.1 9.7 14.5

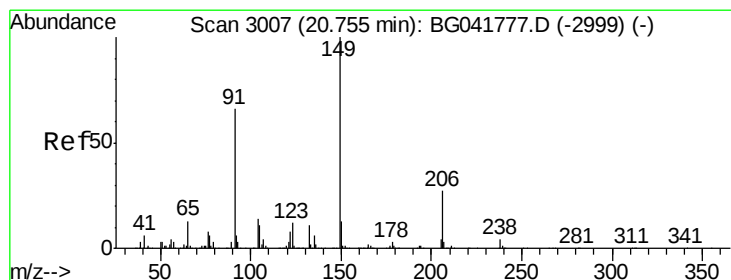
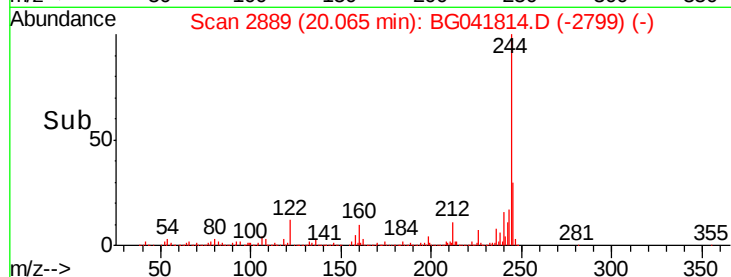
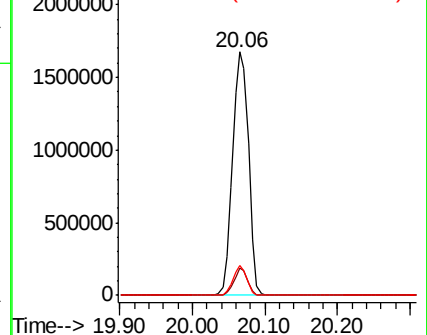
122 12.4 12.5 18.7#



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: 4.965 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

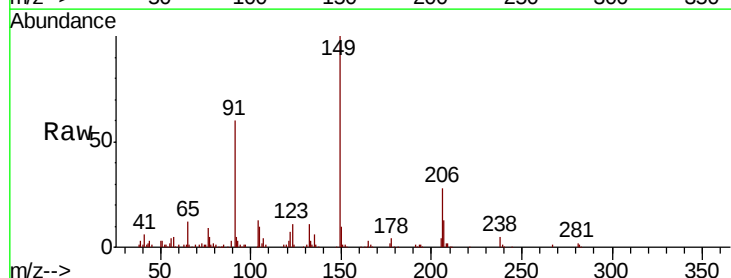
Tgt Ion:149 Resp: 75195

Ion Ratio Lower Upper

149 100

91 59.6 58.9 88.3

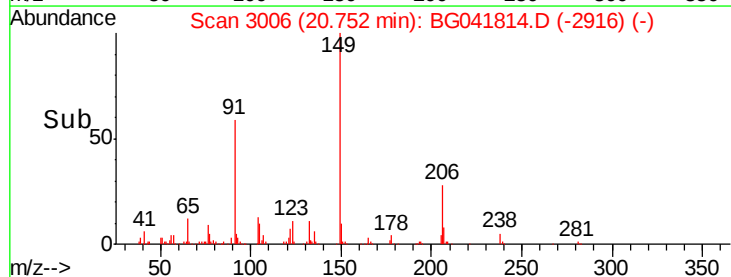
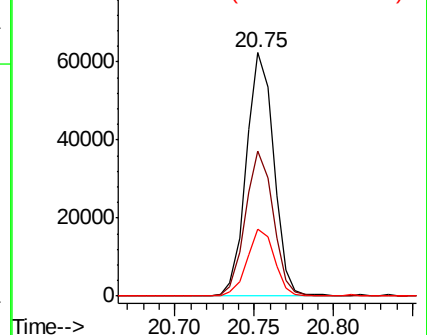
206 27.7 20.8 31.2

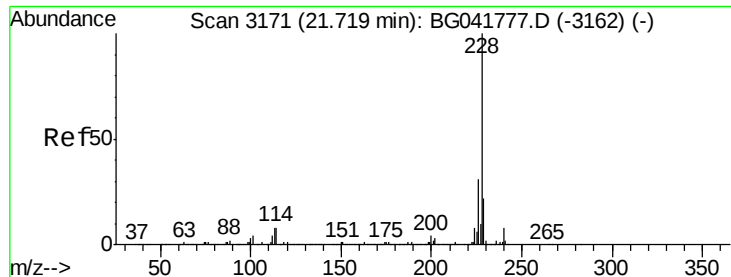


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

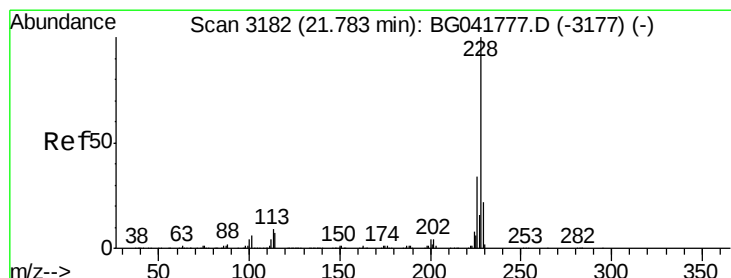
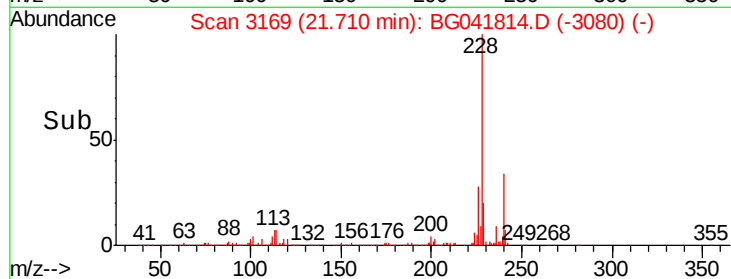
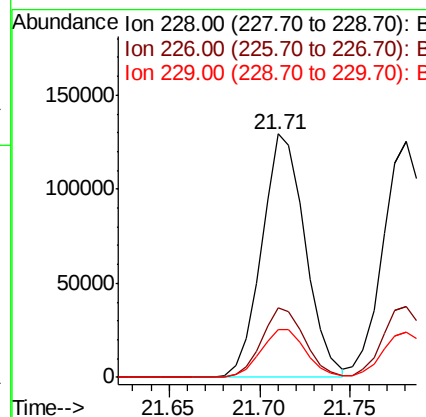
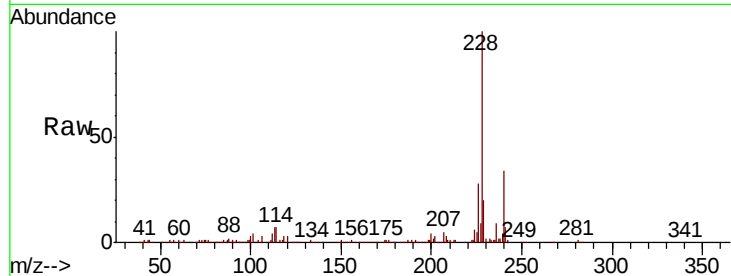




#81
Benzo(a)anthracene
Concen: 5.453 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

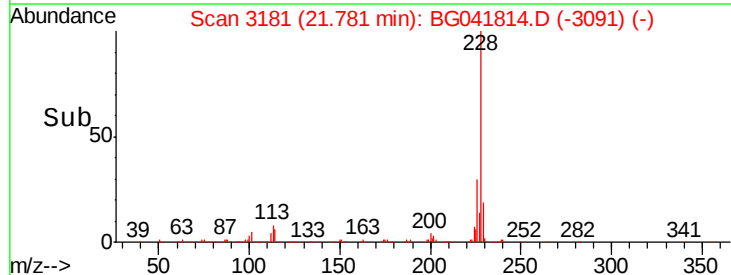
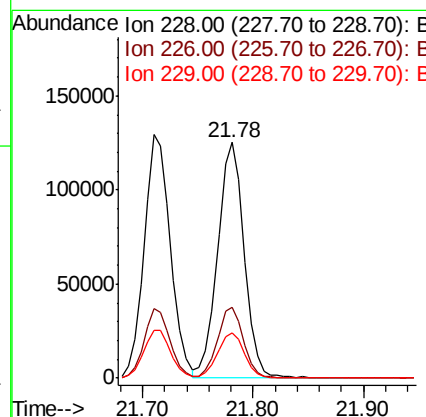
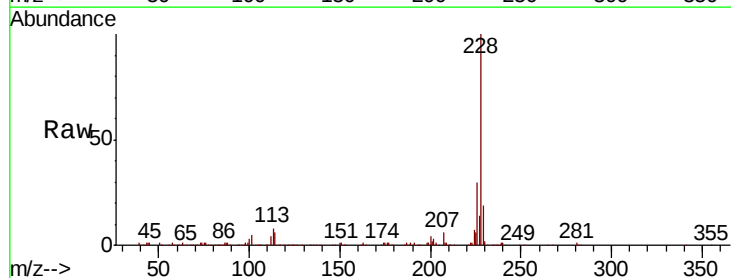
Instrument :
BNA_G
ClientSampleId :
TP-1

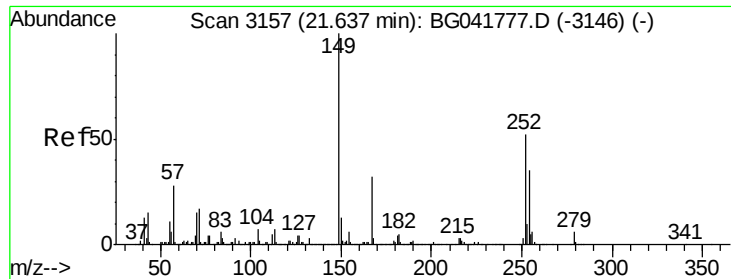
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	27.3	40.9
229	19.7	19.7	29.5



#83
Chrysene
Concen: 5.492 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	30.1	45.1
229	19.4	19.8	29.6#

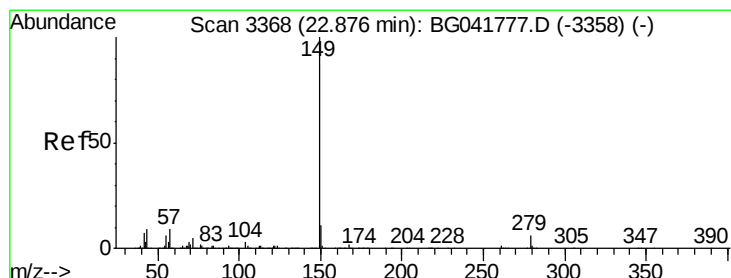
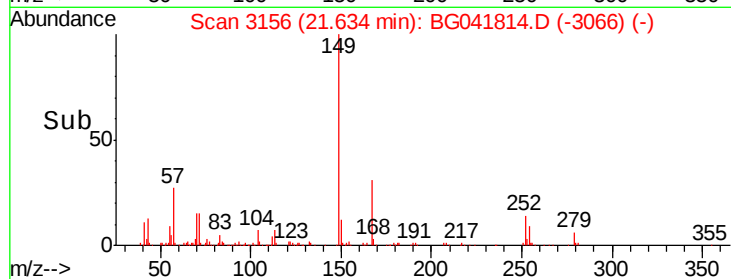
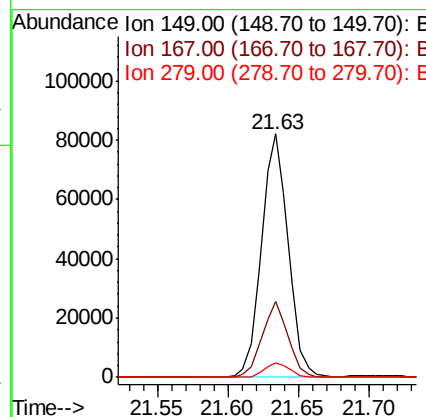
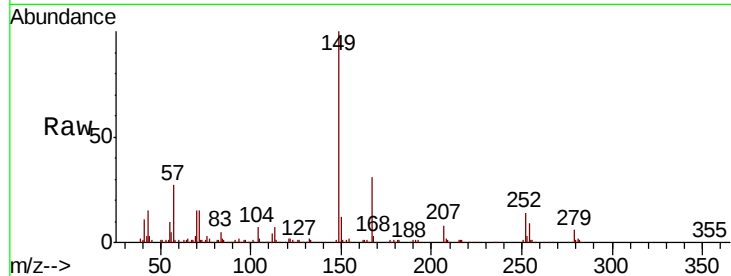




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.246 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

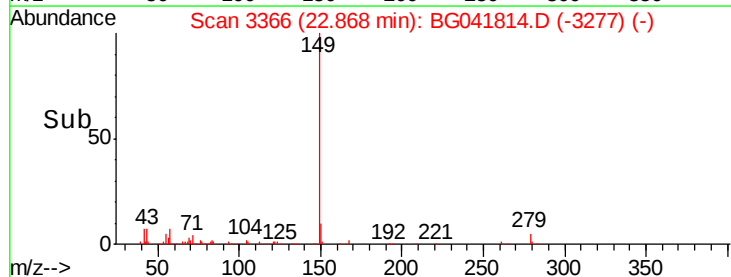
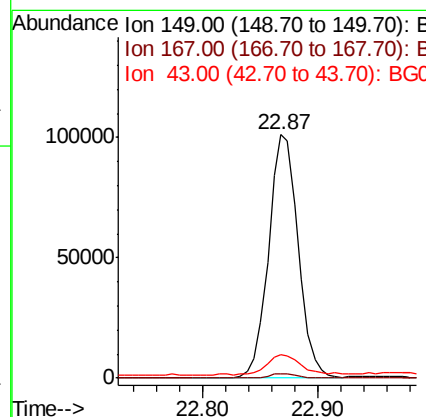
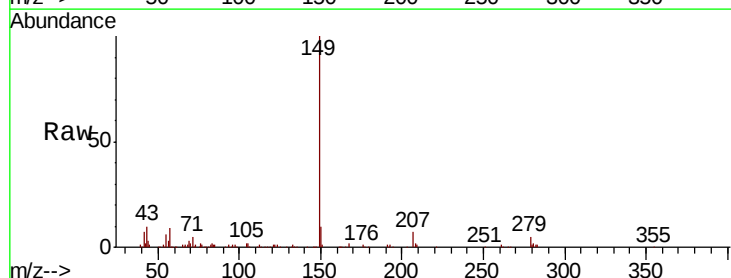
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

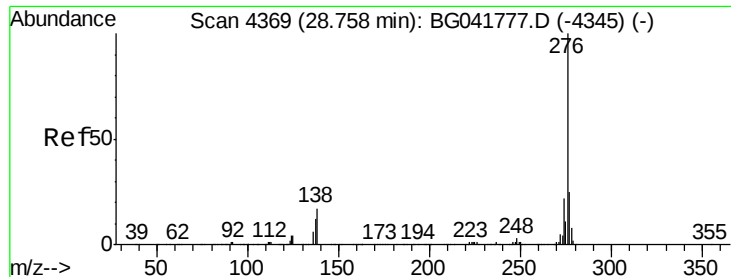
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.1	27.0	40.4
279	5.9	5.0	7.6



#85
 Di-n-octyl phthalate
 Concen: 5.139 ng
 RT: 22.87 min Scan# 3366
 Delta R.T. -0.01 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	9.5	10.6	16.0#

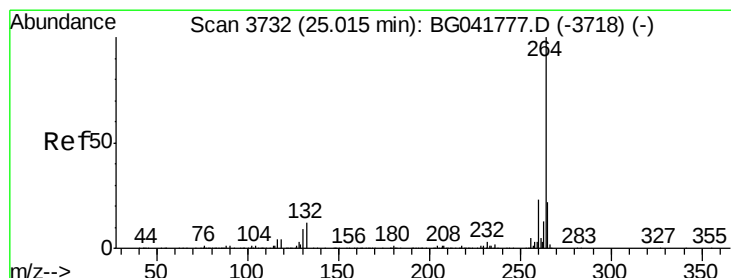
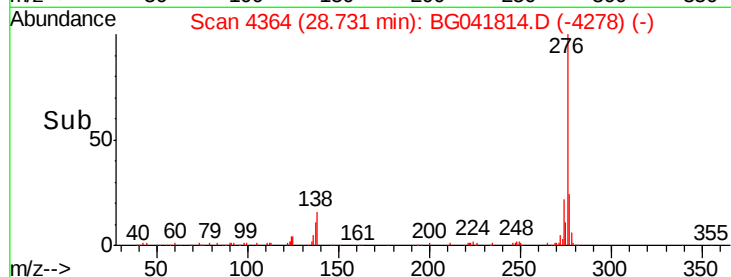
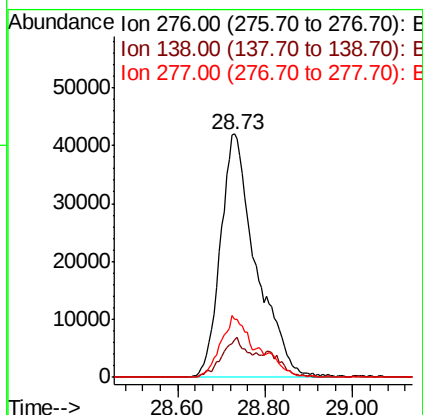
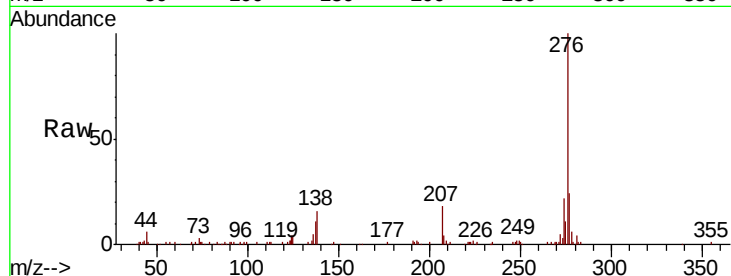




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.682 ng
 RT: 28.73 min Scan# 4364
 Delta R.T. -0.03 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

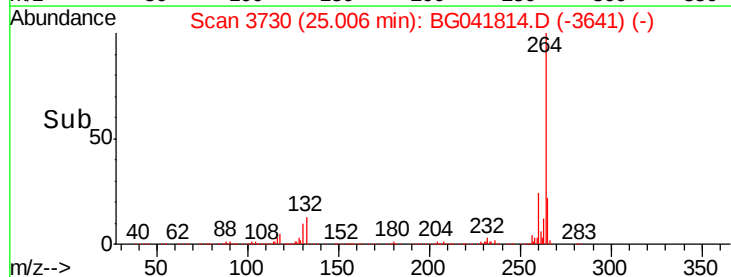
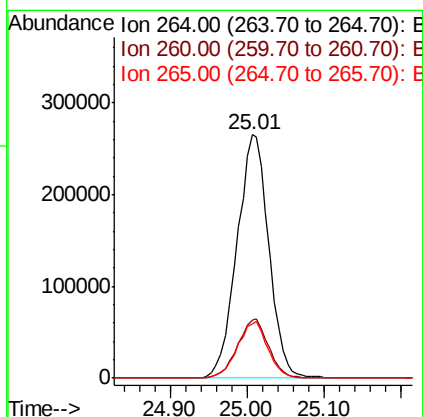
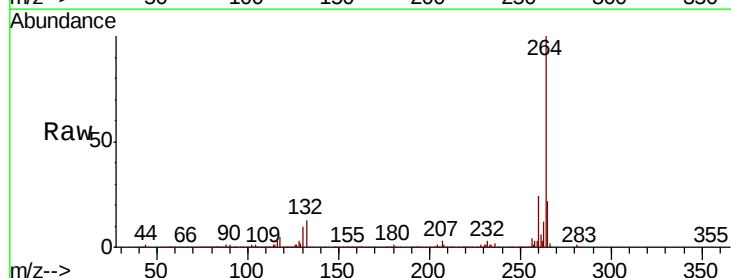
Instrument :
 BNA_G
 ClientSampled :
 TP-1

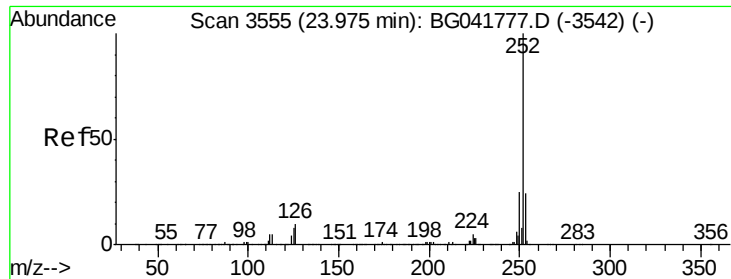
Tot Ion:276 Resp: 234380
 Ion Ratio Lower Upper
 276 100
 138 11.6 19.4 29.0#
 277 22.0 21.2 31.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041814.D
 Acq: 30 Jul 2019 23:09

Tgt Ion:264 Resp: 765952
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 22.0 18.0 27.0

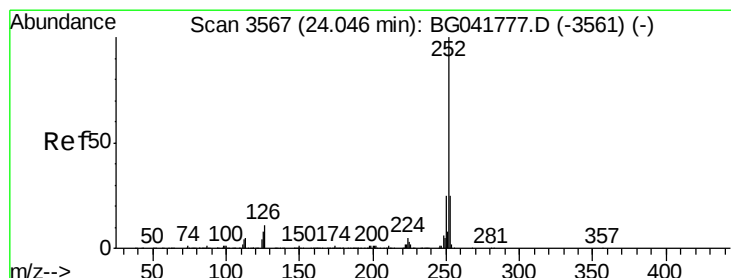
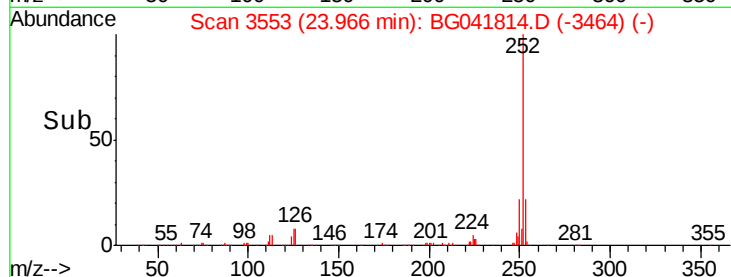
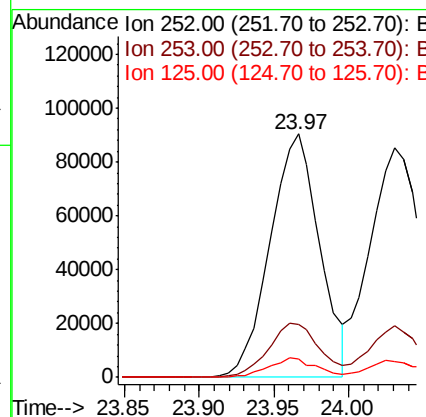
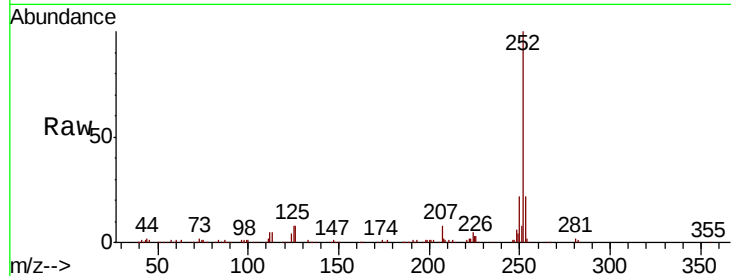




#88
Benzo(b)fluoranthene
Concen: 5.000 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

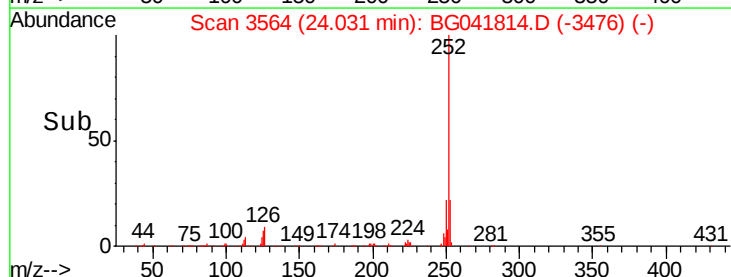
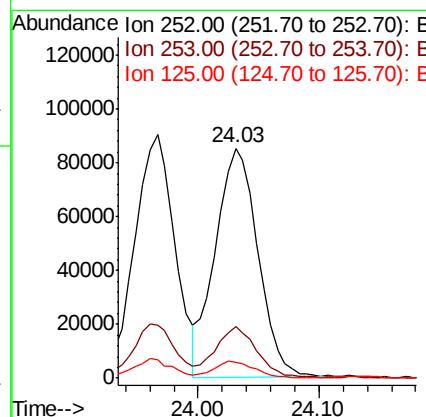
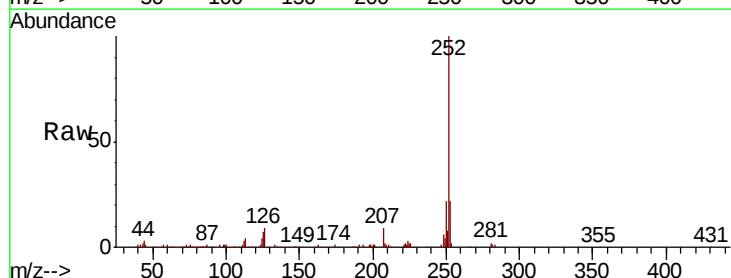
Instrument :
BNA_G
ClientSampleId :
TP-1

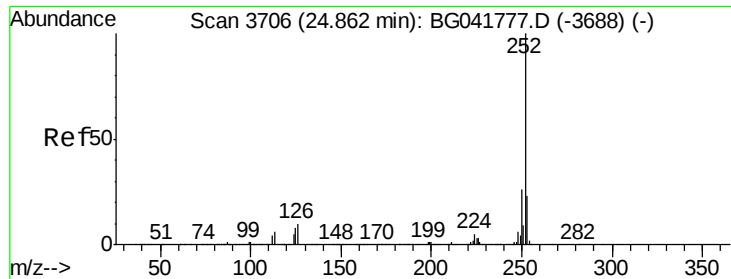
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	20.6	30.8
125	7.6	8.0	12.0



#89
Benzo(k)fluoranthene
Concen: 5.089 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.5	30.7
125	7.1	8.4	12.6

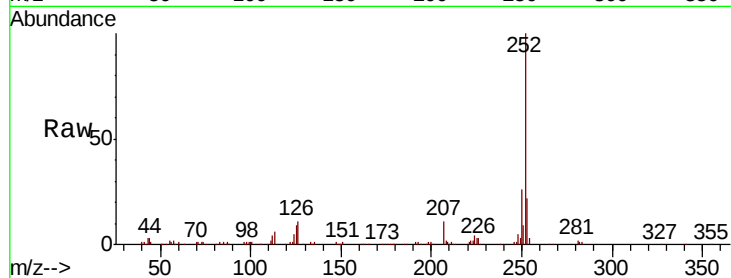




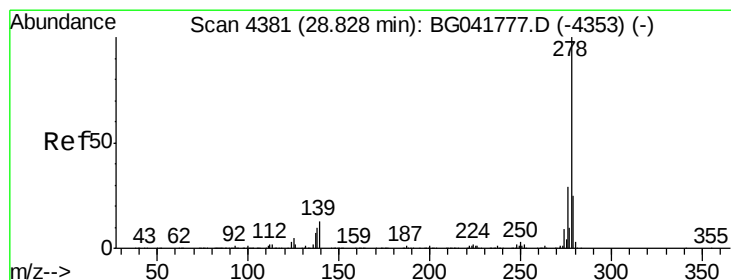
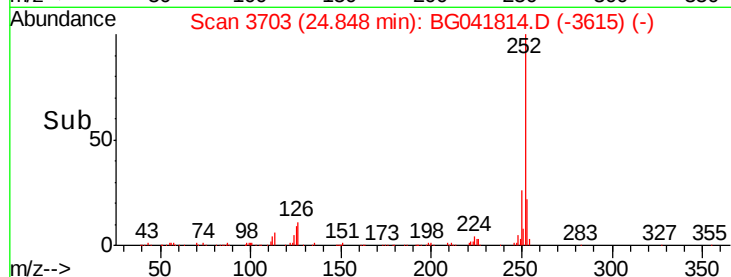
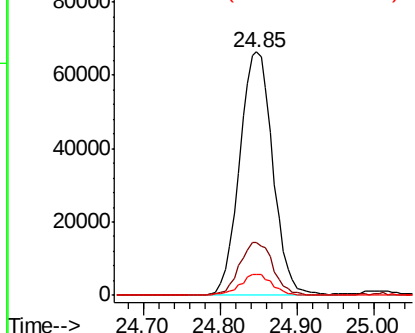
#90
Benzo(a)pyrene
Concen: 4.986 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.8	29.8
125	8.8	8.8	13.2

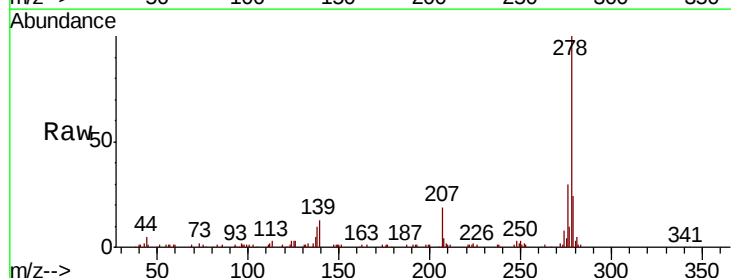


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

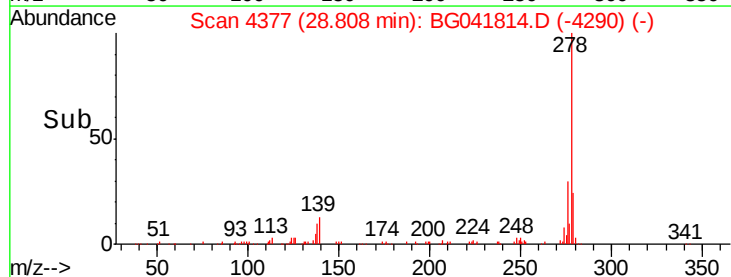
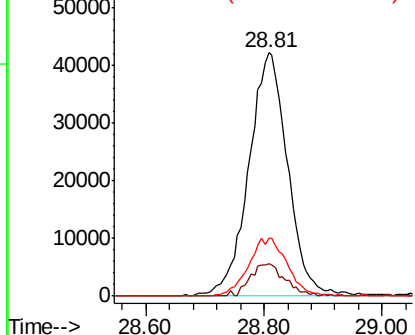


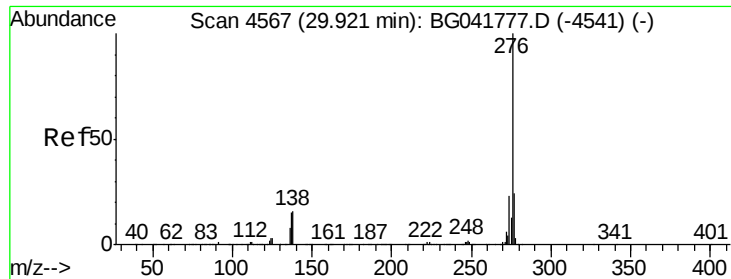
#91
Dibenzo(a,h)anthracene
Concen: 4.877 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.02 min
Lab File: BG041814.D
Acq: 30 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	12.6	19.0
279	23.6	20.5	30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 4.865 ng

RT: 29.89 min Scan# 4561

Delta R.T. -0.03 min

Lab File: BG041814.D

Acq: 30 Jul 2019 23:09

Instrument :

BNA_G

ClientSampleId :

TP-1

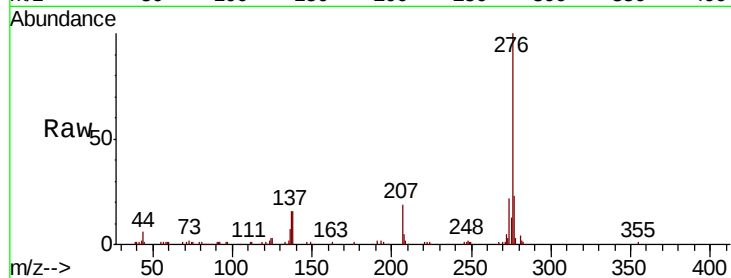
Tot Ion:276 Resp: 191772

Ion Ratio Lower Upper

276 100

277 23.3 19.8 29.8

138 16.5 16.6 25.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

