

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041820.D
 Acq On : 31 Jul 2019 2:58
 Operator : HP/JU
 Sample : K4021-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Jul 31 04:12:02 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	8.05	152	84661	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	320485	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	245455	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	711609	20.00	ng	0.00
76) Chrysene-d12	21.73	240	712539	20.00	ng	0.00
87) Perylene-d12	25.00	264	837483	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	524116	120.45	ng	0.00
7) Phenol-d6	7.19	99	652388	111.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	473639	101.70	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	494573	177.39	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1291909	92.83	ng	0.00
79) Terphenyl-d14	20.07	244	2662631	85.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	6451	3.150	ng	# 1
3) Pyridine	3.89	79	16970	3.022	ng	# 86
4) n-Nitrosodimethylamine	3.79	42	4781	2.147	ng	# 92
8) 2-Chlorophenol	7.60	128	15057	3.022	ng	# 96
9) Benzaldehyde	7.18	77	10678	2.587	ng	# 73
10) Phenol	7.22	94	18615	3.050	ng	# 87
11) bis(2-Chloroethyl)ether	7.45	93	12876	2.566	ng	# 98
12) 1,3-Dichlorobenzene	7.93	146	18186	2.796	ng	# 95
13) 1,4-Dichlorobenzene	8.08	146	17816	2.738	ng	# 96
14) 1,2-Dichlorobenzene	8.41	146	16880	2.719	ng	# 95
15) Benzyl Alcohol	8.28	79	10424	2.259	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	23629	2.647	ng	# 97
17) 2-Methylphenol	8.48	107	11917	2.685	ng	# 94
18) Hexachloroethane	9.14	117	6358	2.853	ng	# 77
19) n-Nitroso-di-n-propylamine	8.85	70	10748	2.524	ng	# 85
20) 3+4-Methylphenols	8.80	107	15374	2.531	ng	# 91
22) Acetophenone	8.86	105	23012	3.210	ng	# 91
24) Nitrobenzene	9.25	77	16042	3.270	ng	# 97
25) Isophorone	9.77	82	28037	2.767	ng	# 99
26) 2-Nitrophenol	9.97	139	6596	2.897	ng	# 99
27) 2,4-Dimethylphenol	10.02	122	12014	2.989	ng	# 95
28) bis(2-Chloroethoxy)methane	10.26	93	16998	2.685	ng	# 95
29) 2,4-Dichlorophenol	10.51	162	15006	3.066	ng	# 95
30) 1,2,4-Trichlorobenzene	10.73	180	17645	2.843	ng	# 95
31) Naphthalene	10.92	128	45590	3.108	ng	# 97
32) Benzoic acid	10.29	122	737	8.938	ng	# 90
34) Hexachlorobutadiene	11.21	225	12044	2.875	ng	# 95
35) Caprolactam	11.76	113	6852	4.029	ng	# 52
36) 4-Chloro-3-methylphenol	12.14	107	17027	3.509	ng	# 98
37) 2-Methylnaphthalene	12.53	142	34792	2.997	ng	# 92
38) 1-Methylnaphthalene	12.75	142	35211	3.200	ng	# 96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	23181	2.984	ng	# 96
43) 2,4,6-Trichlorophenol	13.13	196	12111	2.466	ng	# 89
44) 2,4,5-Trichlorophenol	13.20	196	15755	3.087	ng	# 94

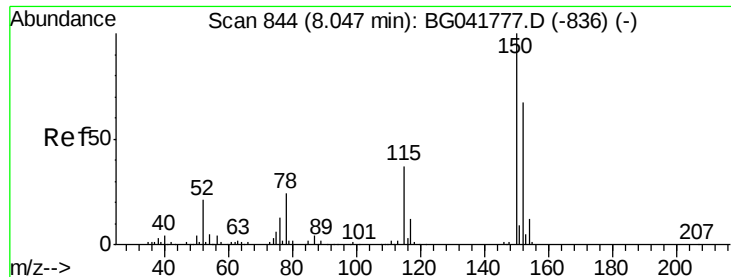
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.53	154	48799	3.093	ng	95
47) 2-Chloronaphthalene	13.58	162	37199	2.769	ng	99
48) 2-Nitroaniline	13.76	65	10655	3.127	ng	97
49) Acenaphthylene	14.42	152	62940	3.132	ng	93
50) Dimethylphthalate	14.15	163	84866	5.063	ng	97
51) 2,6-Dinitrotoluene	14.26	165	10985	3.134	ng #	86
52) Acenaphthene	14.76	154	38339	2.933	ng	95
54) 2,4-Dinitrophenol	14.80	184	2326	4.780	ng	86
55) Dibenzofuran	15.10	168	67746	3.389	ng	90
56) 4-Nitrophenol	14.90	139	9153	3.215	ng #	79
57) 2,4-Dinitrotoluene	15.04	165	15195	3.152	ng #	98
58) Fluorene	15.75	166	57117	3.560	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	13855	2.741	ng #	94
60) Diethylphthalate	15.51	149	58852	3.576	ng	96
61) 4-Chlorophenyl-phenylether	15.74	204	31284	3.194	ng	89
62) 4-Nitroaniline	15.75	138	13154	3.238	ng	85
63) Azobenzene	16.03	77	45368	3.375	ng	94
65) 4,6-Dinitro-2-methylphenol	15.81	198	5555	8.220	ng	82
66) n-Nitrosodiphenylamine	15.95	169	55772	2.877	ng	93
67) 4-Bromophenyl-phenylether	16.64	248	23180	2.644	ng	98
68) Hexachlorobenzene	16.76	284	23349	2.546	ng #	91
71) Phenanthrene	17.49	178	114176	3.347	ng	92
72) Anthracene	17.58	178	112784	3.315	ng	93
73) Carbazole	17.85	167	106889	3.501	ng #	89
74) Di-n-butylphthalate	18.42	149	136631	3.947	ng #	92
75) Fluoranthene	19.50	202	155748	3.757	ng	87
77) Benzidine	20.07	184	47492	2.042	ng #	90
78) Pyrene	19.86	202	159028	3.767	ng #	88
80) Butylbenzylphthalate	20.76	149	48792	3.014	ng	88
81) Benzo(a)anthracene	21.78	228	134509	3.191	ng	92
83) Chrysene	21.78	228	134509	3.329	ng #	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	75849	3.397	ng	95
85) Di-n-octyl phthalate	22.86	149	118105	3.143	ng	96
86) Indeno(1,2,3-cd)pyrene	28.73	276	155040	2.898	ng #	91
88) Benzo(b)fluoranthene	23.96	252	142528	3.111	ng #	95
89) Benzo(k)fluoranthene	24.03	252	134235	3.008	ng #	92
90) Benzo(a)pyrene	24.84	252	133869	3.047	ng #	92
91) Dibenzo(a,h)anthracene	28.80	278	126747	2.938	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampled :

TP-10

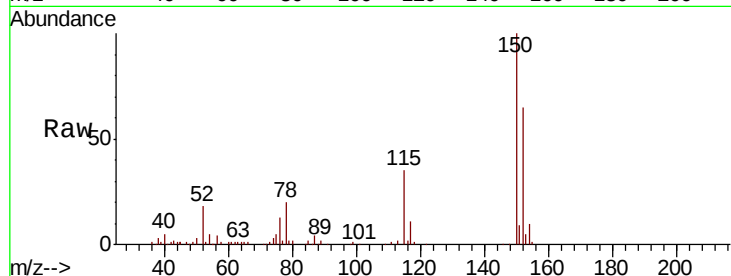
Tgt Ion:152 Resp: 84661

Ion Ratio Lower Upper

152 100

150 154.4 126.9 190.3

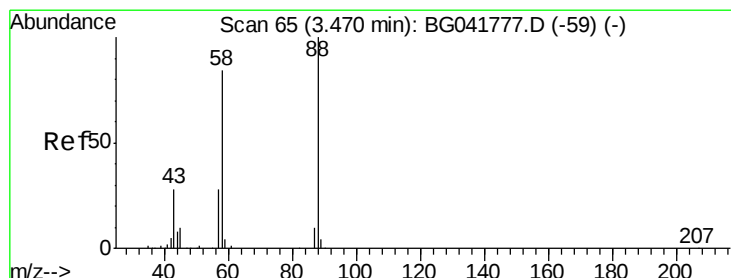
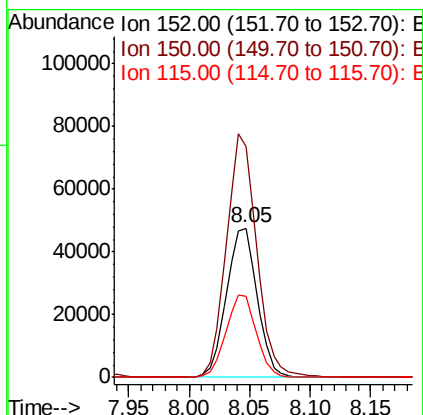
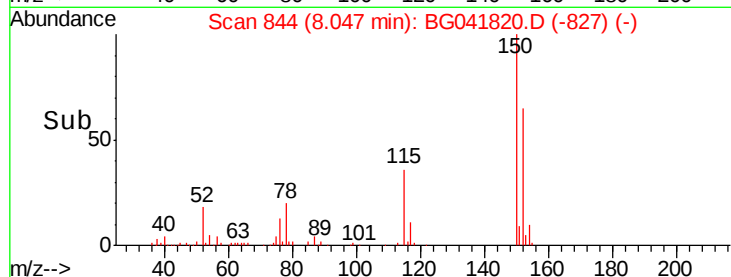
115 54.5 45.0 67.6



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: 3.150 ng

RT: 3.47 min Scan# 65

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

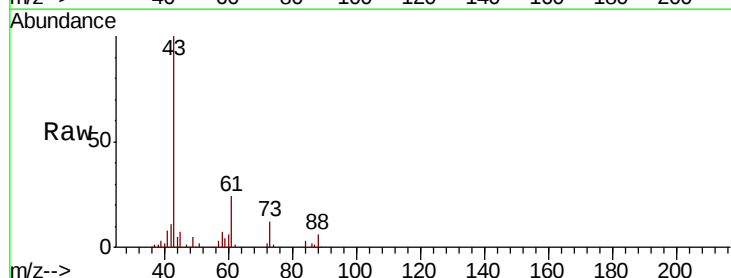
Tgt Ion: 88 Resp: 6451

Ion Ratio Lower Upper

88 100

58 89.7 76.2 114.2

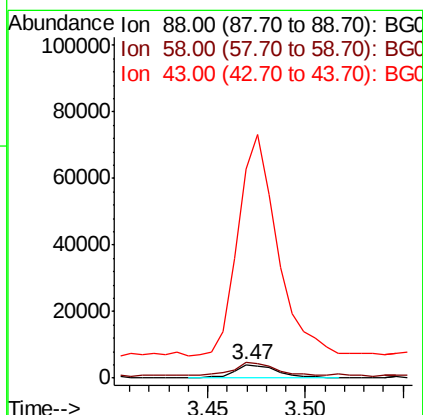
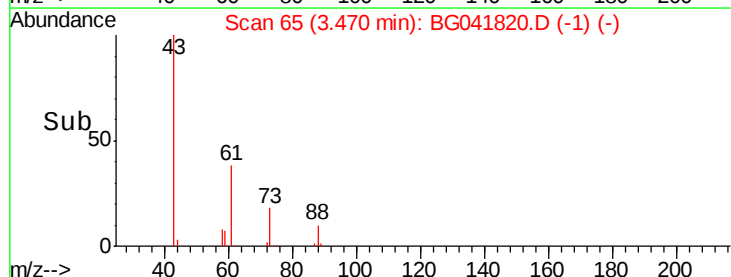
43 1479.1 27.2 40.8#

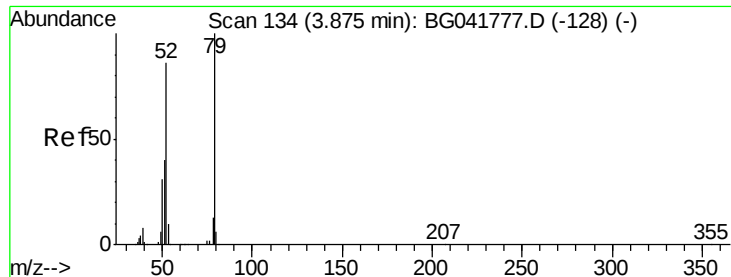


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 3.022 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.02 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

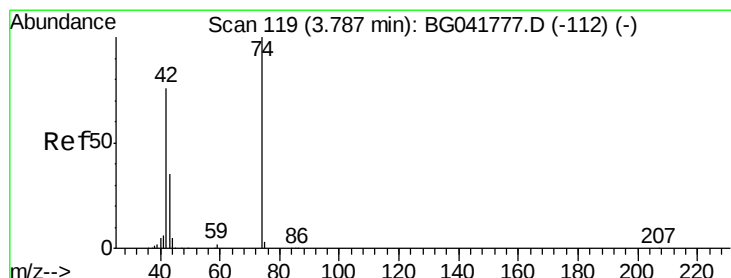
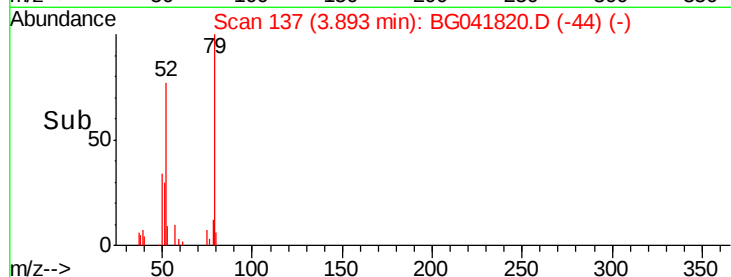
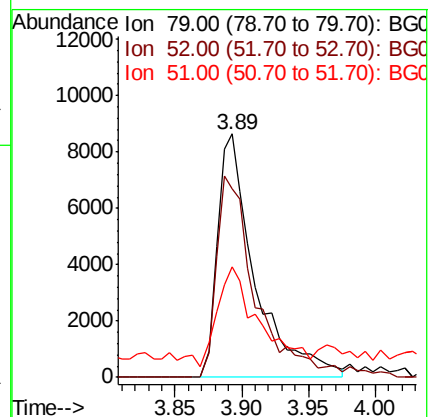
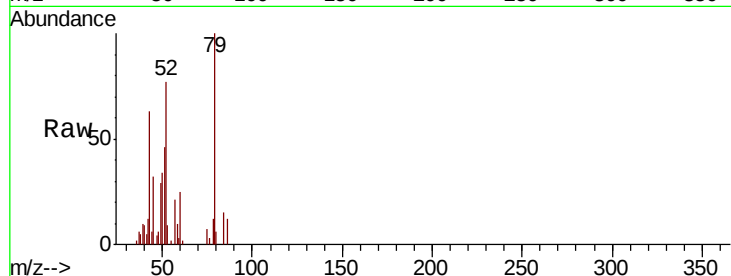
Tgt Ion: 79 Resp: 16970

Ion Ratio Lower Upper

79 100

52 77.4 77.1 115.7

51 45.6 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 2.147 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

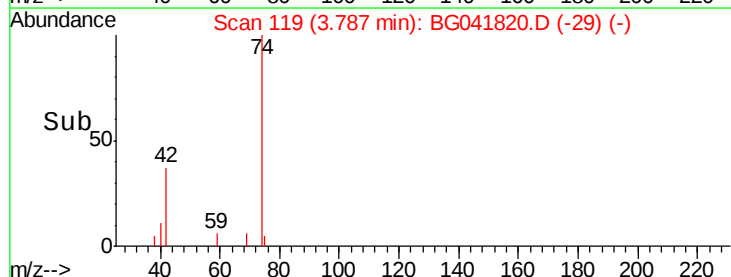
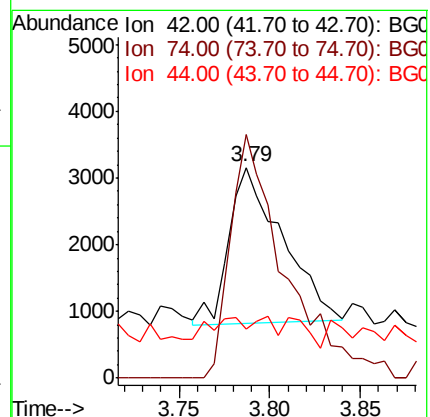
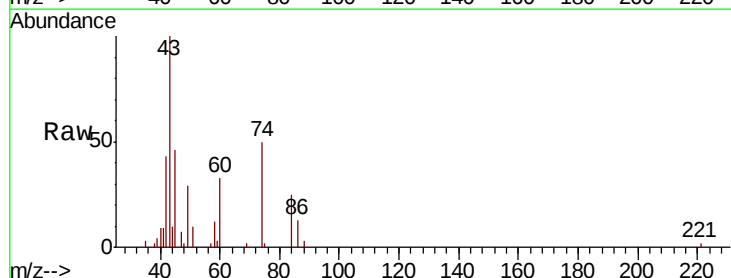
Tgt Ion: 42 Resp: 4781

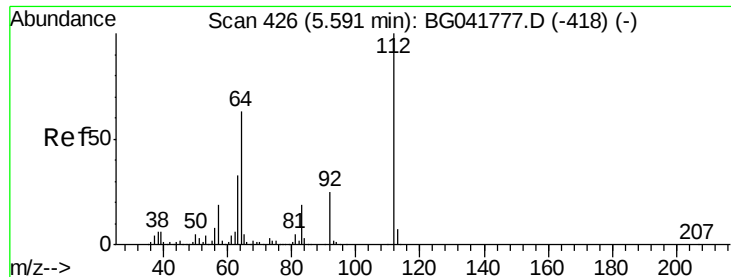
Ion Ratio Lower Upper

42 100

74 115.6 97.4 146.2

44 23.5 6.6 9.8#





#5

2-Fluorophenol

Concen: 120.449 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

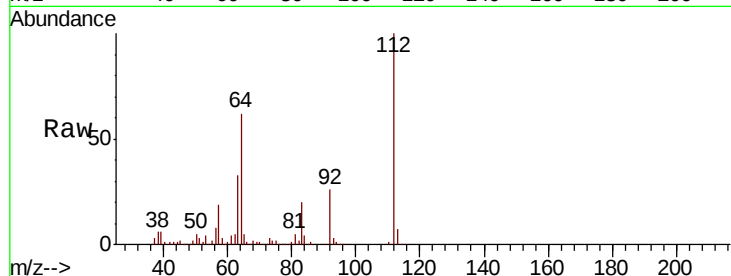
Tgt Ion: 112 Resp: 524116

Ion Ratio Lower Upper

112 100

64 61.9 55.4 83.2

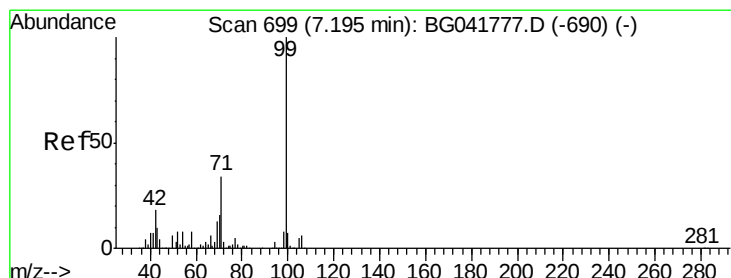
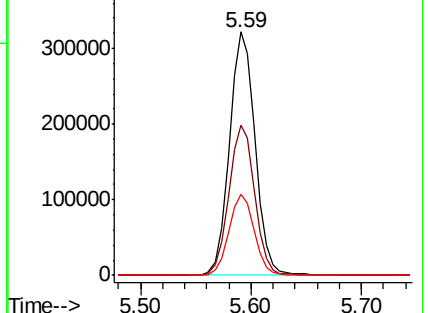
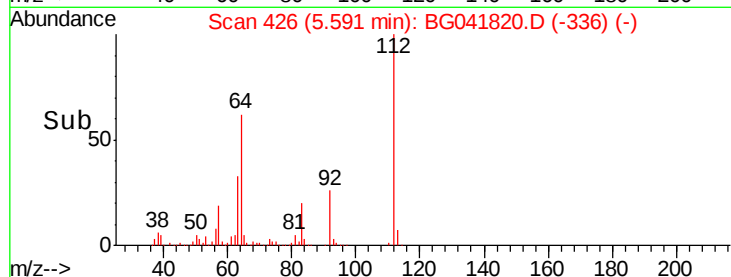
63 33.0 29.1 43.7



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: 111.209 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

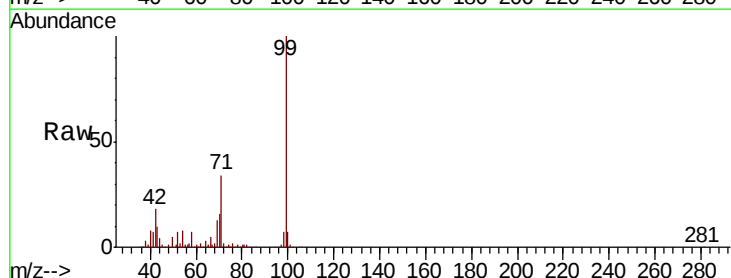
Tgt Ion: 99 Resp: 652388

Ion Ratio Lower Upper

99 100

42 18.2 17.6 26.4

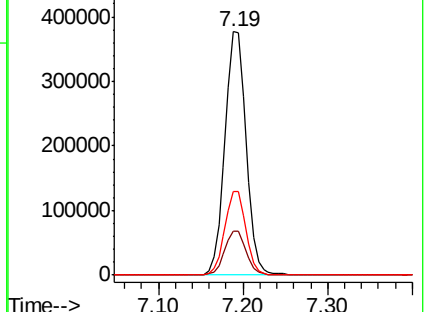
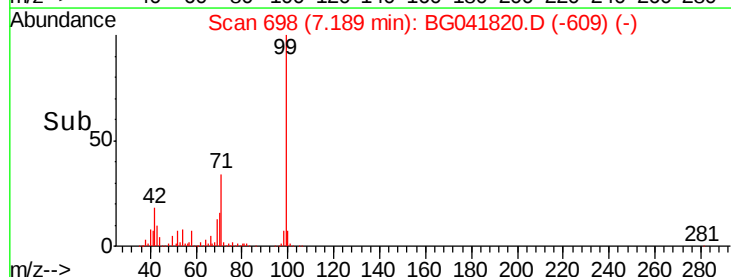
71 34.5 27.8 41.6

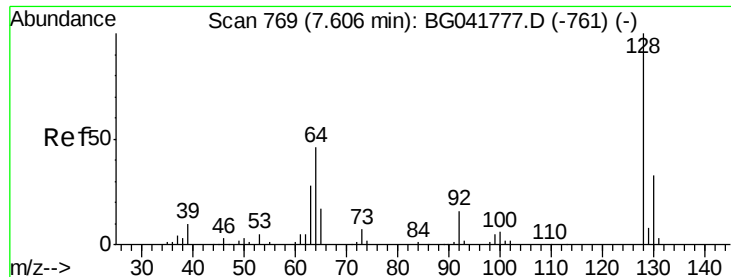


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

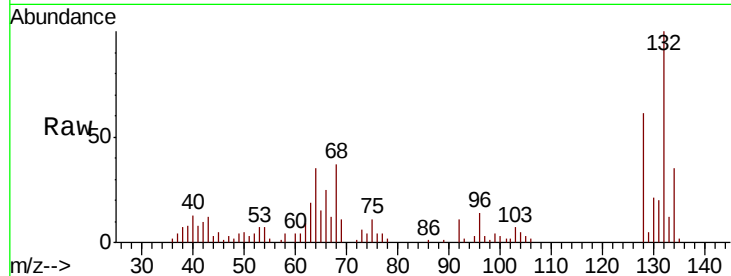




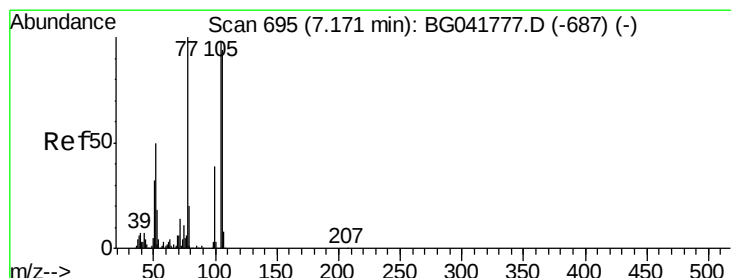
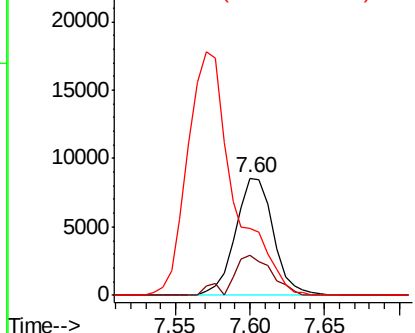
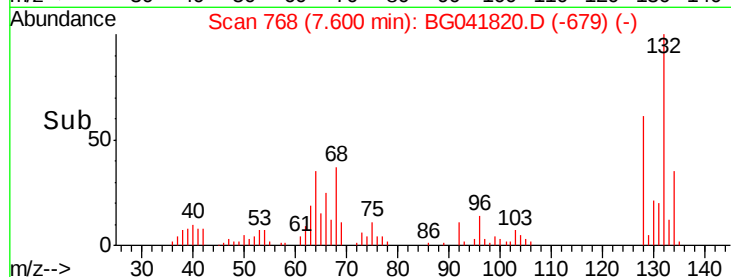
#8
 2-Chlorophenol
 Concen: 3.022 ng
 RT: 7.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tgt Ion	Ratio	Lower	Upper
128	100		
130	34.5	12.4	52.4
64	57.6	34.9	74.9

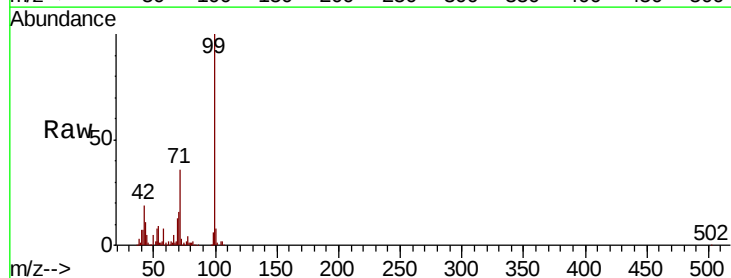


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BGC

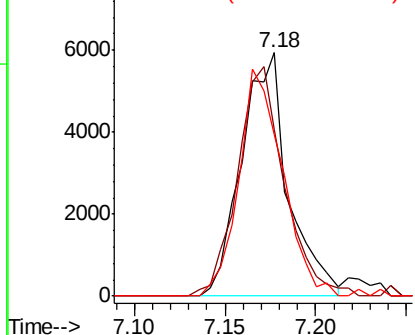
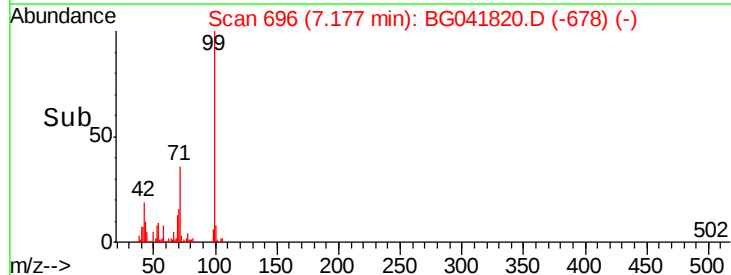


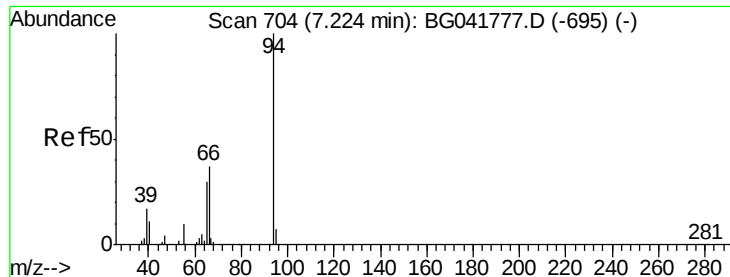
#9
 Benzaldehyde
 Concen: 2.587 ng
 RT: 7.18 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
105	68.3	74.6	114.6#
106	66.2	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: 3.050 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

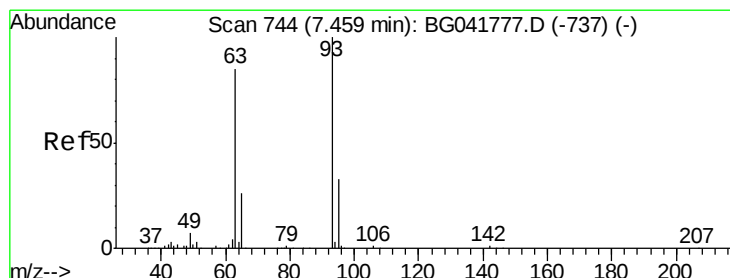
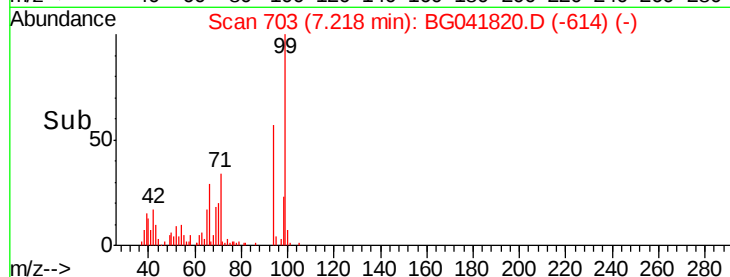
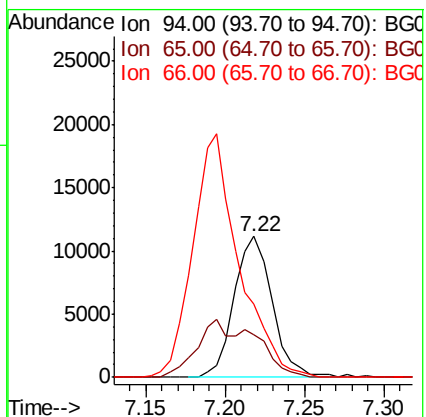
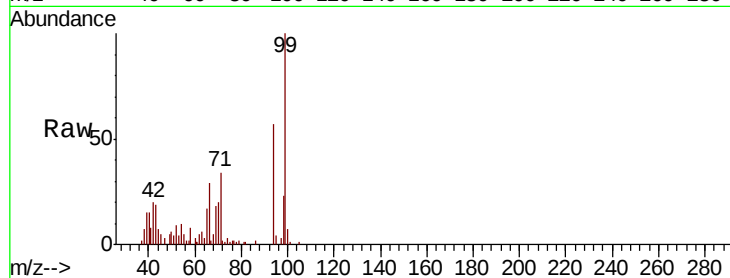
Tgt Ion: 94 Resp: 18615

Ion Ratio Lower Upper

94 100

65 30.0 10.6 50.6

66 51.6 18.2 58.2



#11

bis(2-Chloroethyl)ether

Concen: 2.566 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

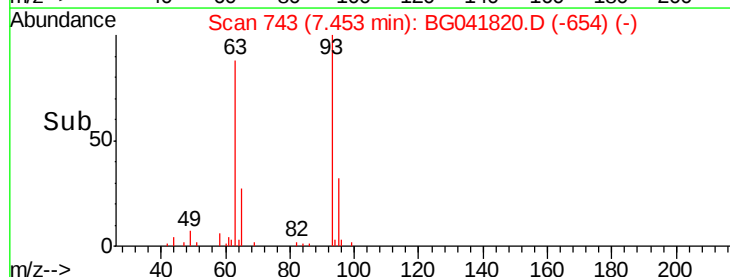
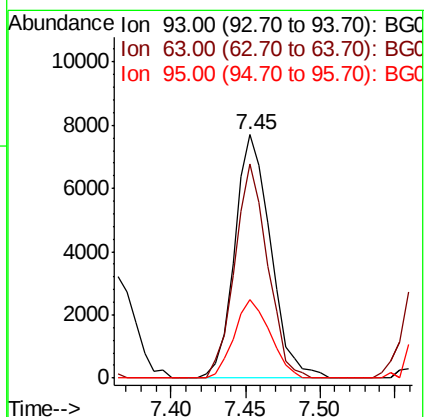
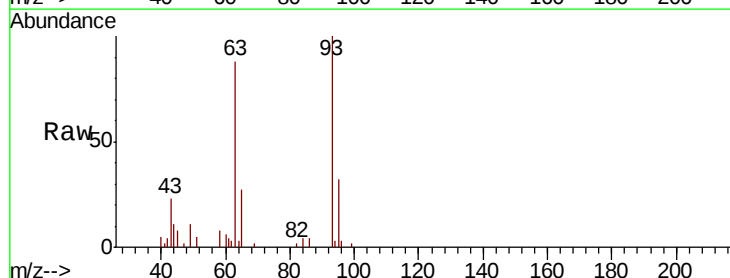
Tgt Ion: 93 Resp: 12876

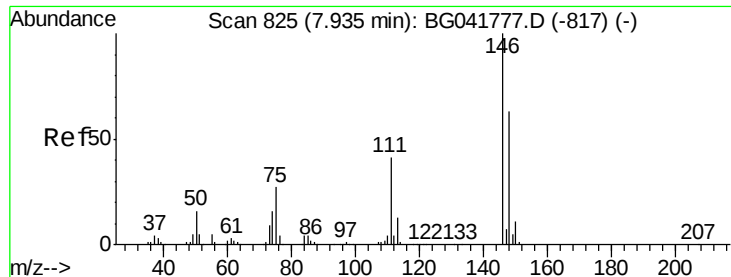
Ion Ratio Lower Upper

93 100

63 87.8 70.4 110.4

95 32.4 12.8 52.8

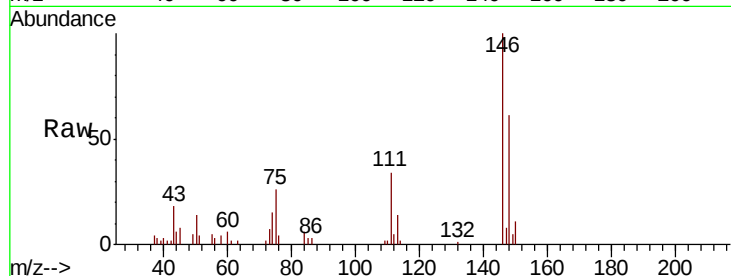




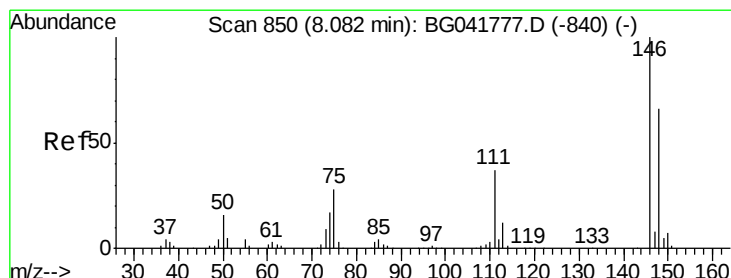
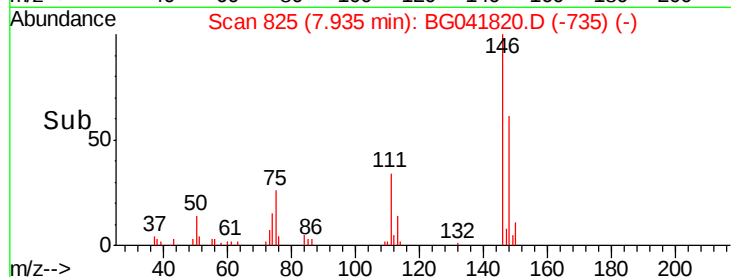
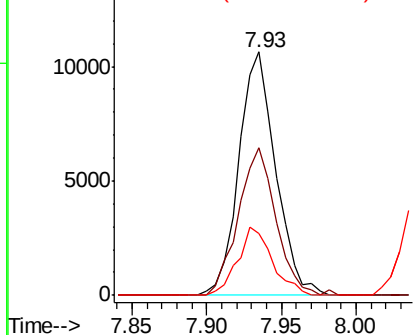
#12
 1,3-Dichlorobenzene
 Concen: 2.796 ng
 RT: 7.93 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampled :
 TP-10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	51.5	77.3
75	25.6	23.2	34.8

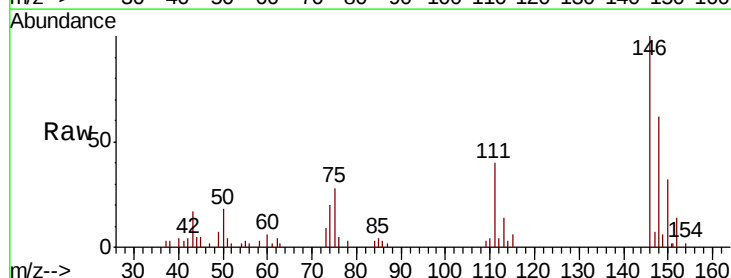


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

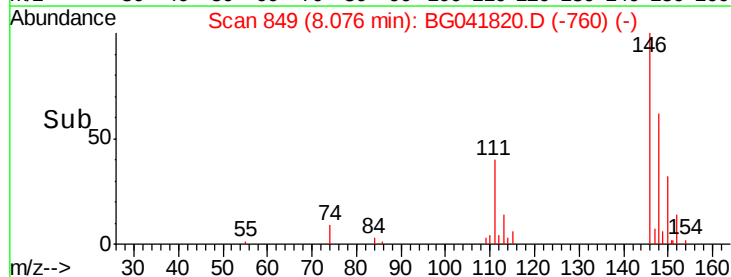
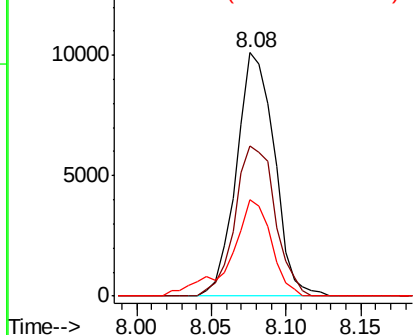


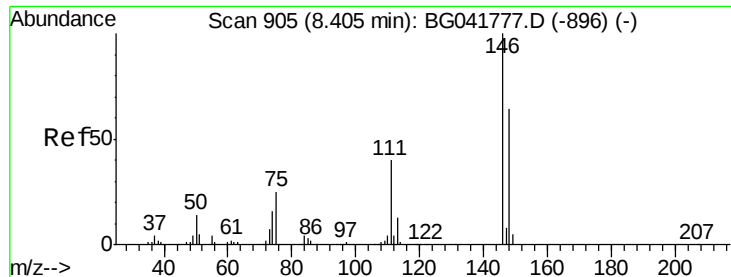
#13
 1,4-Dichlorobenzene
 Concen: 2.738 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.6	79.0
111	39.6	32.5	48.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.719 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

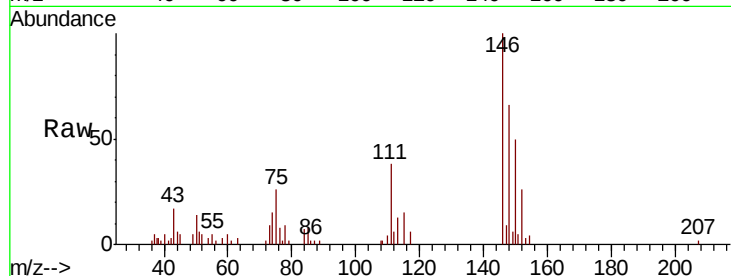
Tgt Ion:146 Resp: 16880

Ion Ratio Lower Upper

146 100

148 65.6 53.5 80.3

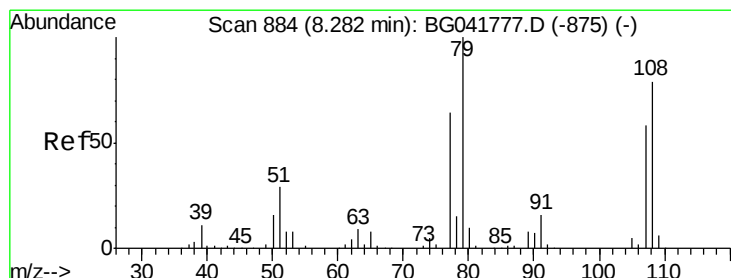
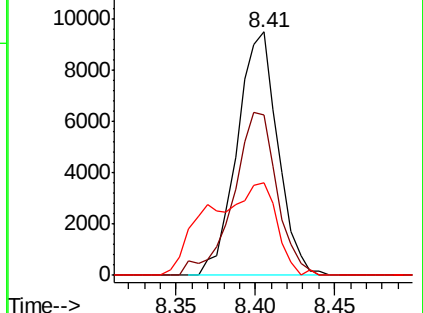
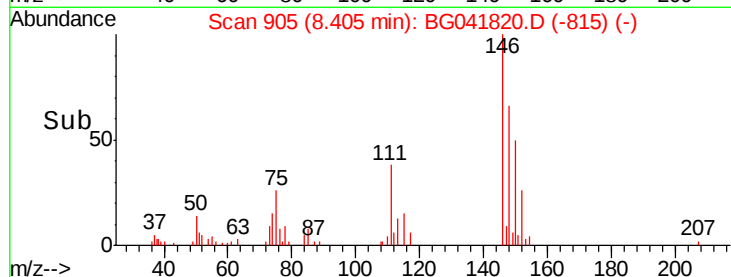
111 38.2 35.4 53.0



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: 2.259 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

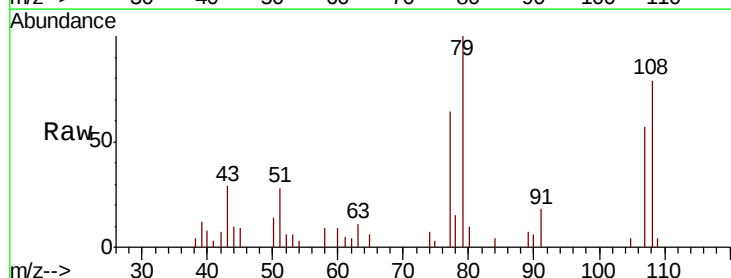
Tgt Ion: 79 Resp: 10424

Ion Ratio Lower Upper

79 100

108 79.0 60.5 90.7

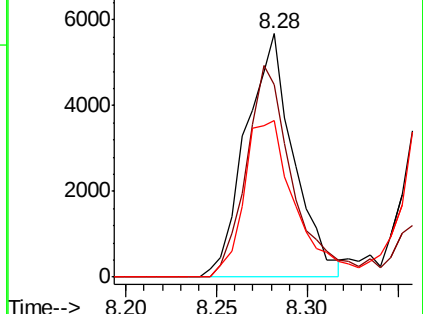
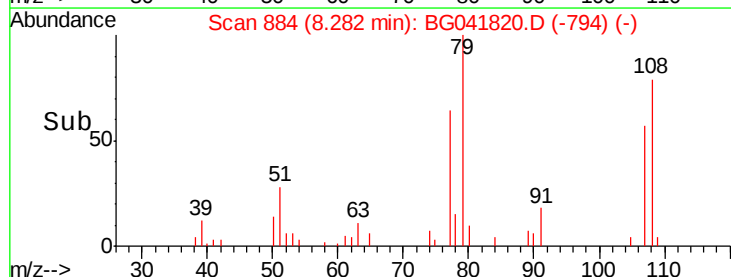
77 64.3 50.6 75.8

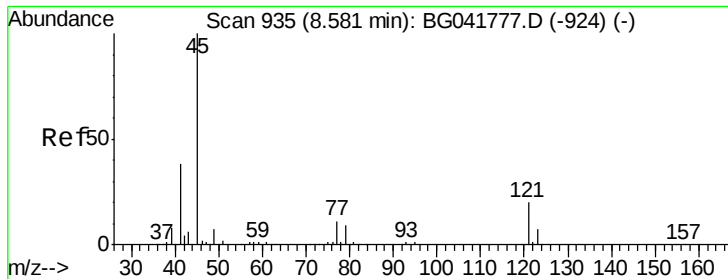


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

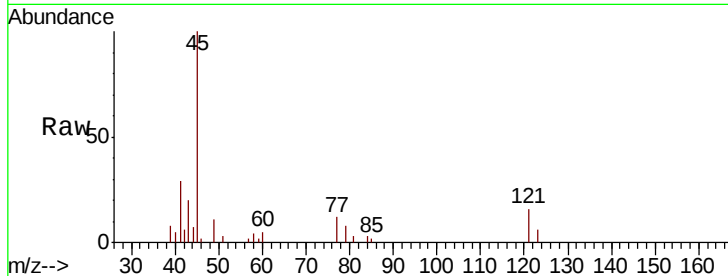




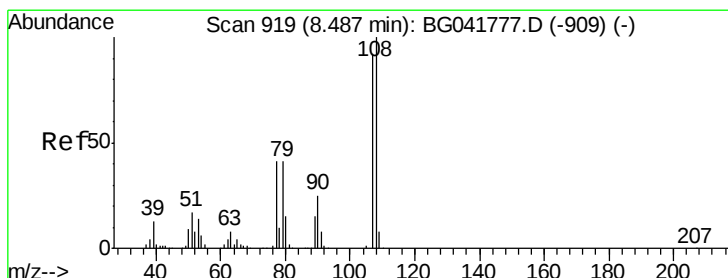
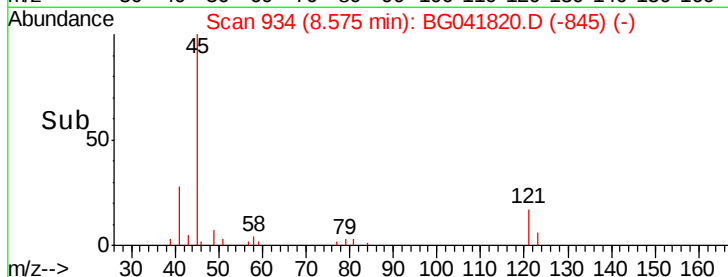
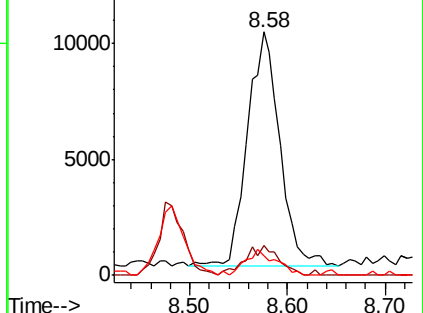
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.647 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion: 45 Resp: 23629
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.4
79 7.9 0.0 27.9

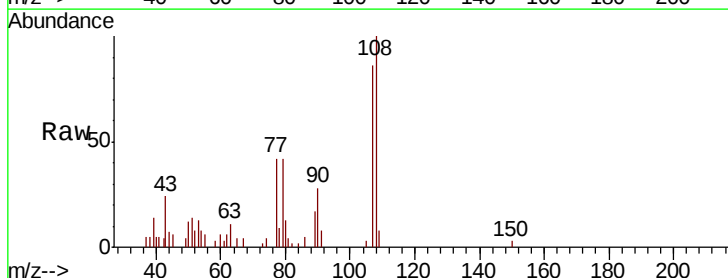


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

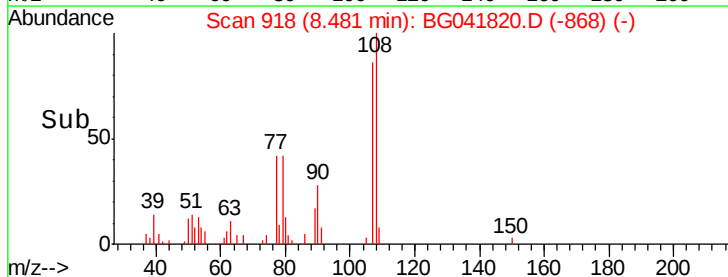
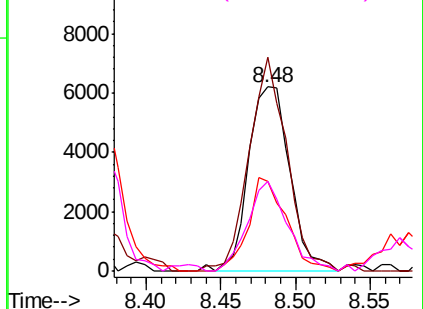


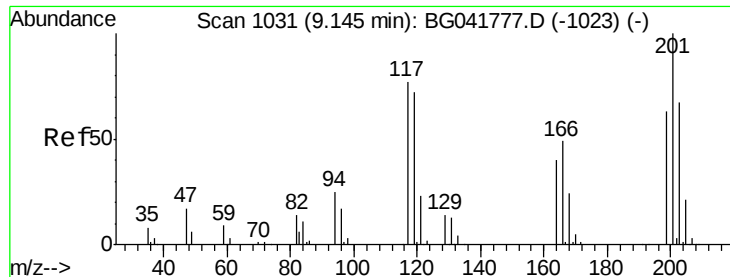
#17
2-Methylphenol
Concen: 2.685 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion: 107 Resp: 11917
Ion Ratio Lower Upper
107 100
108 116.3 87.6 131.4
77 48.6 36.1 54.1
79 48.6 36.4 54.6



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

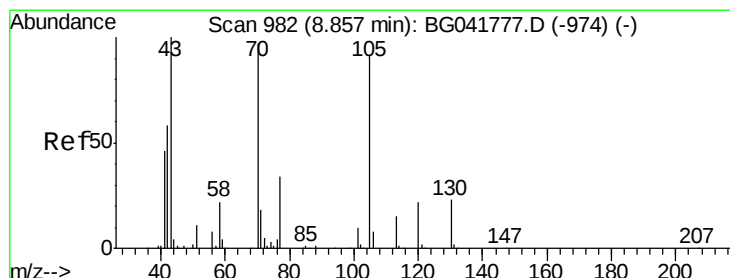
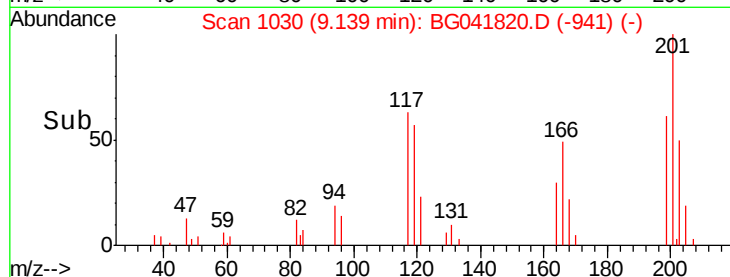
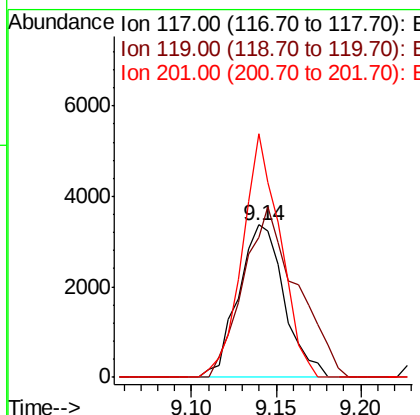
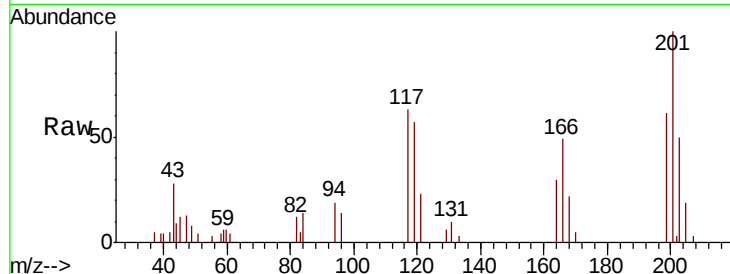




#18
Hexachloroethane
Concen: 2.853 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

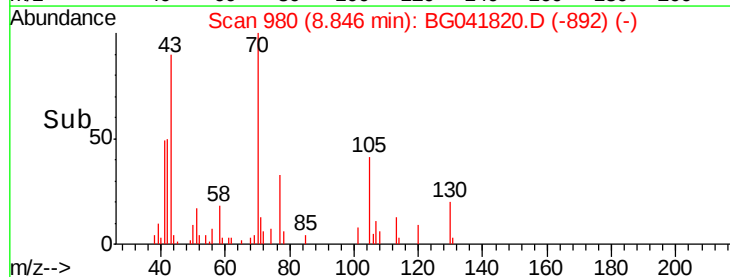
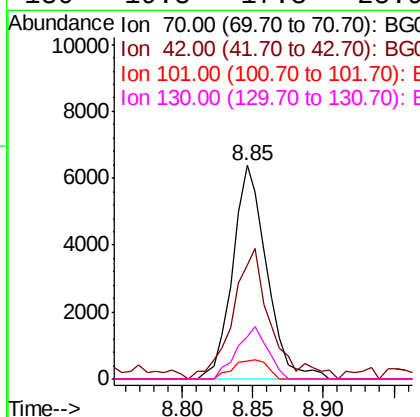
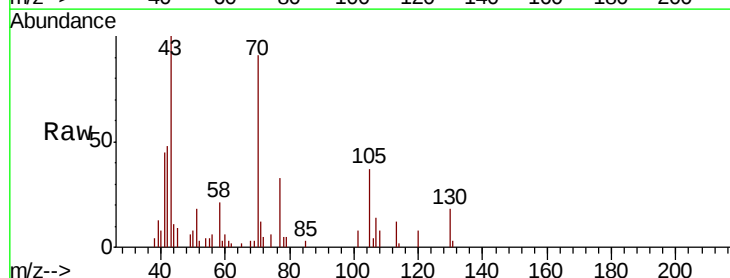
Instrument :
BNA_G
ClientSampleId :
TP-10

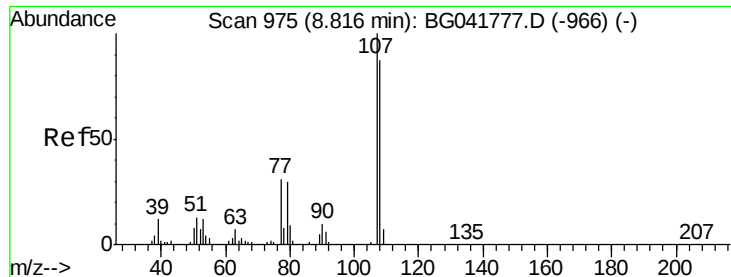
Tgt Ion: 117 Resp: 6358
Ion Ratio Lower Upper
117 100
119 91.8 76.2 114.2
201 159.7 94.1 141.1#



#19
n-Nitroso-di-n-propylamine
Concen: 2.524 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion: 70 Resp: 10748
Ion Ratio Lower Upper
70 100
42 53.2 55.8 83.6#
101 8.4 8.1 12.1
130 19.8 17.3 25.9

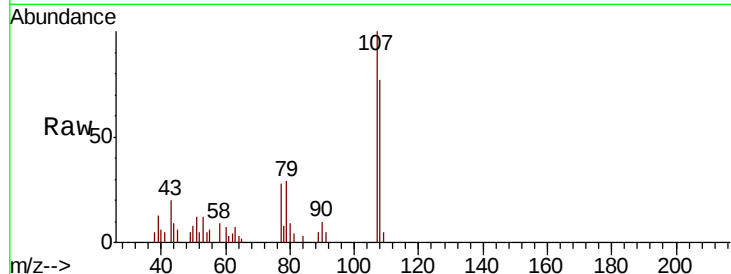




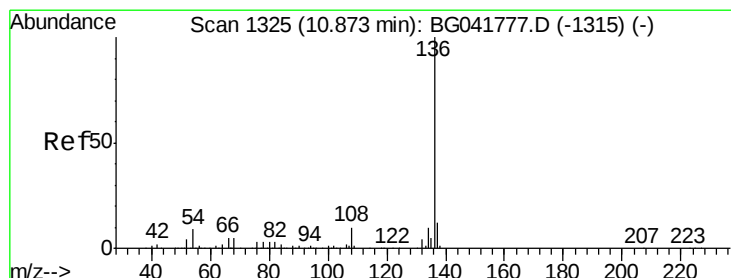
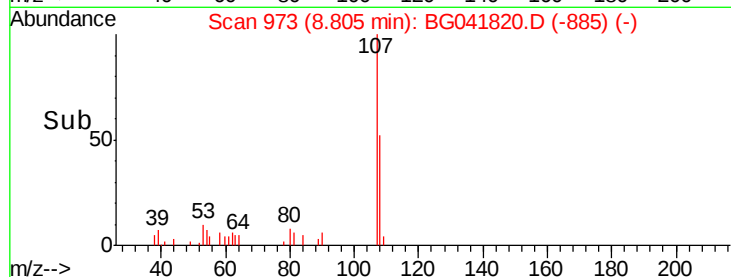
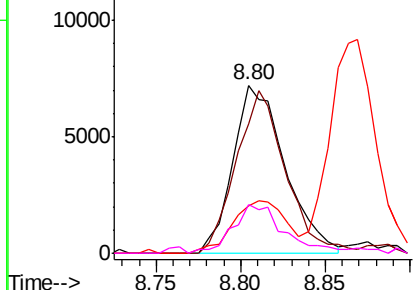
#20
 3+4-Methylphenols
 Concen: 2.531 ng
 RT: 8.80 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampled :
 TP-10

Tgt Ion:	107	Resp:	15374
Ion	Ratio	Lower	Upper
107	100		
108	76.6	67.5	107.5
77	27.9	12.3	52.3
79	28.6	8.3	48.3

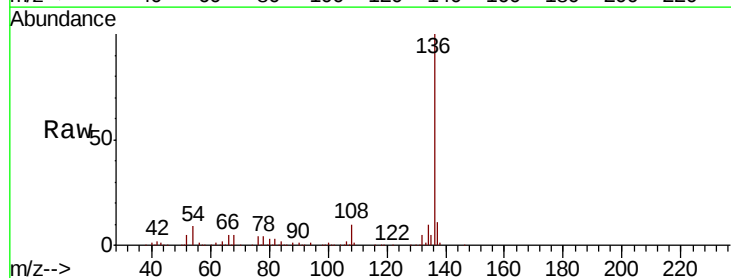


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

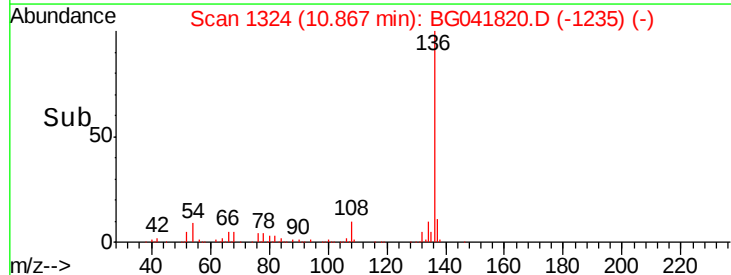
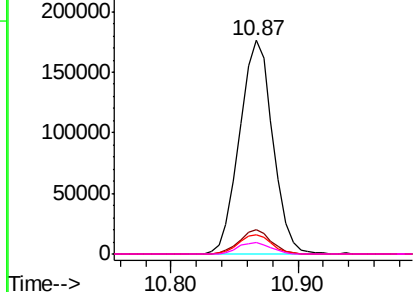


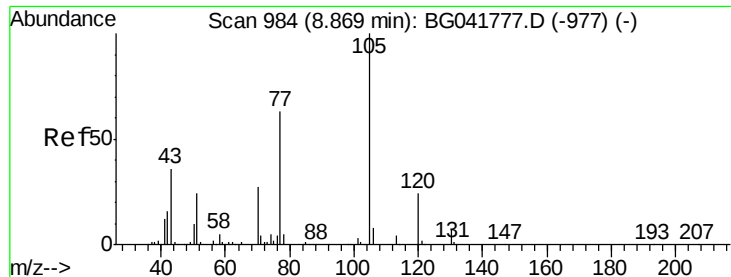
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:	136	Resp:	320485
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.2	8.7	13.1
68	5.4	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): BG
 Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 3.210 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

Tgt Ion: 105 Resp: 23012

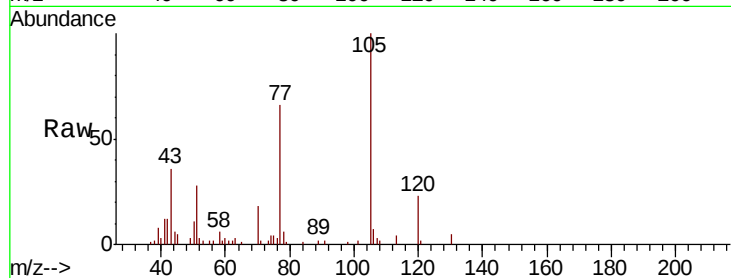
Ion Ratio Lower Upper

105 100

71 2.2 5.9 8.9#

51 27.7 27.7 41.5

120 23.3 19.3 28.9

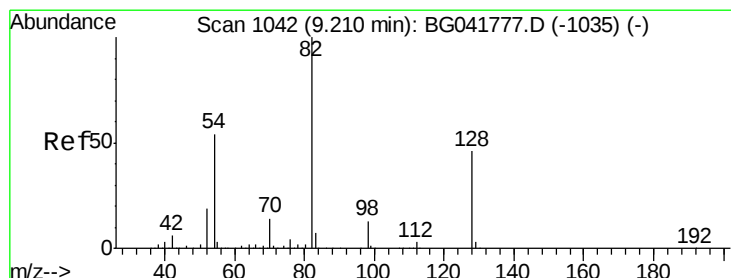
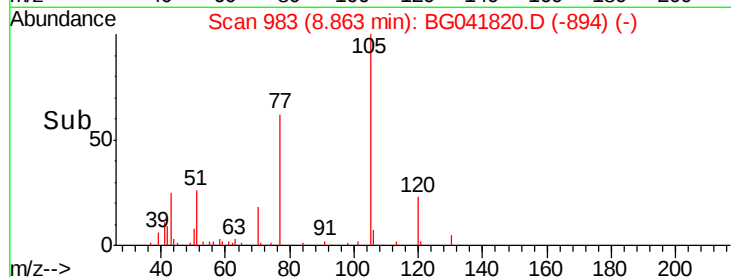
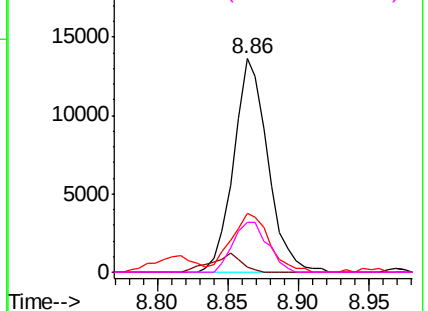


Abundance Ion 105.00 (104.70 to 105.70): E

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: 101.702 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

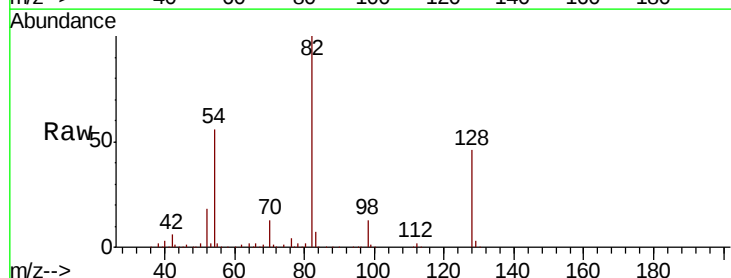
Tgt Ion: 82 Resp: 473639

Ion Ratio Lower Upper

82 100

128 46.0 35.1 52.7

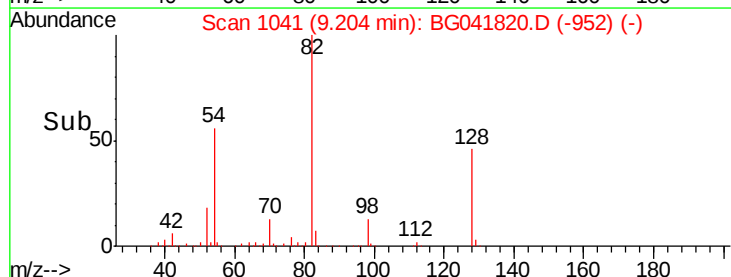
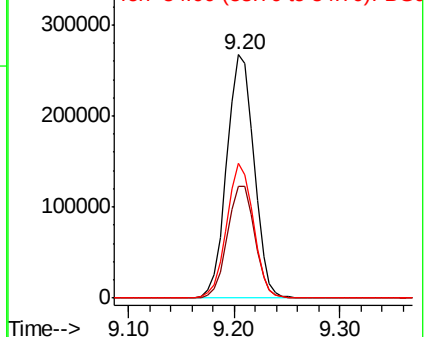
54 55.6 48.7 73.1

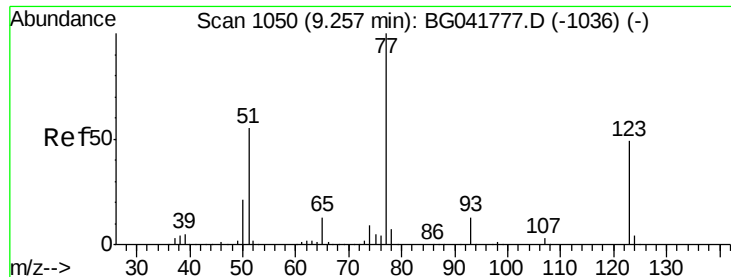


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 3.270 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

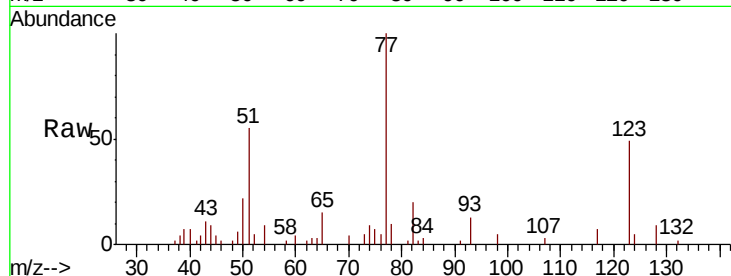
Tgt Ion: 77 Resp: 16042

Ion Ratio Lower Upper

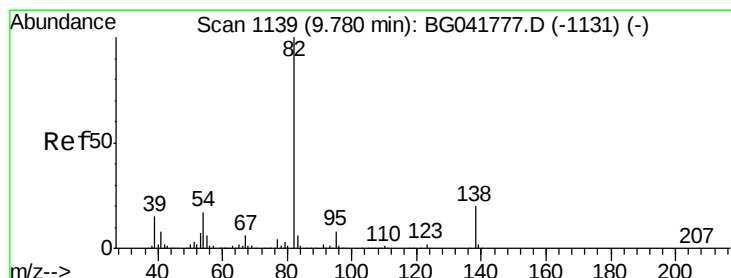
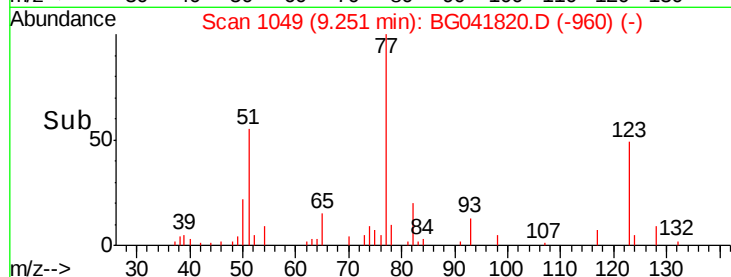
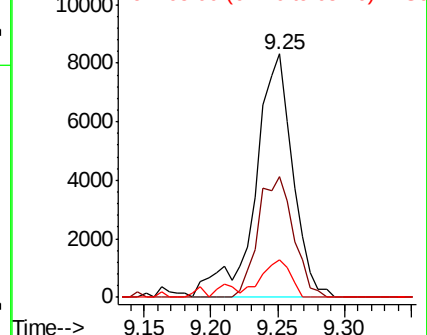
77 100

123 49.5 38.1 57.1

65 15.5 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: 2.767 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

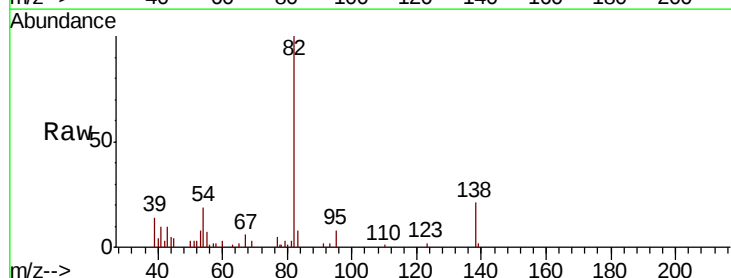
Tgt Ion: 82 Resp: 28037

Ion Ratio Lower Upper

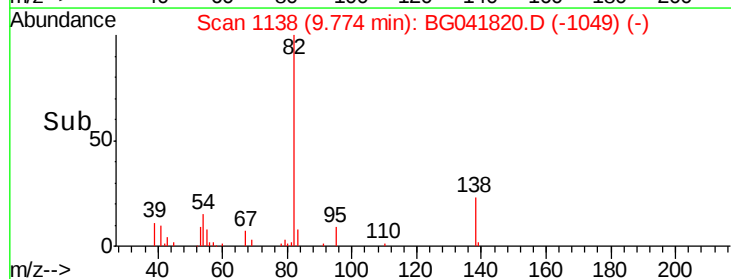
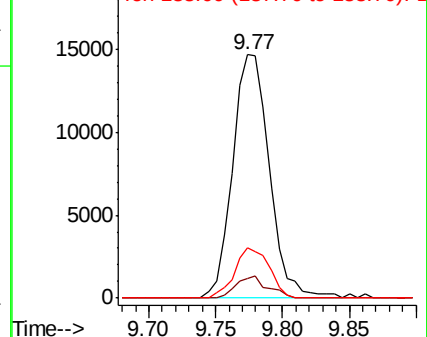
82 100

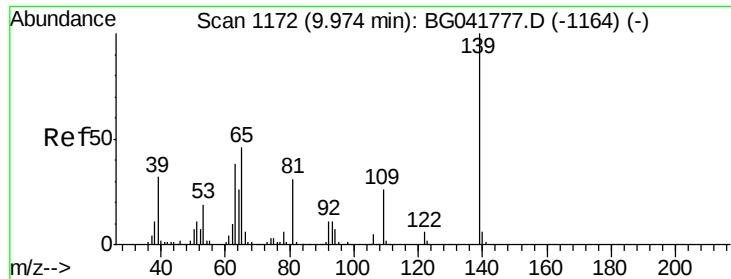
95 8.3 5.9 8.9

138 20.5 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: 2.897 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampled :

TP-10

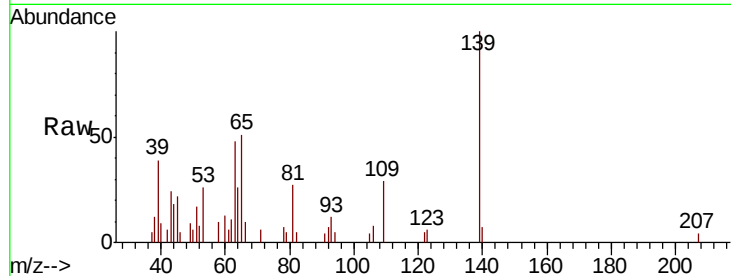
Tgt Ion:139 Resp: 6596

Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

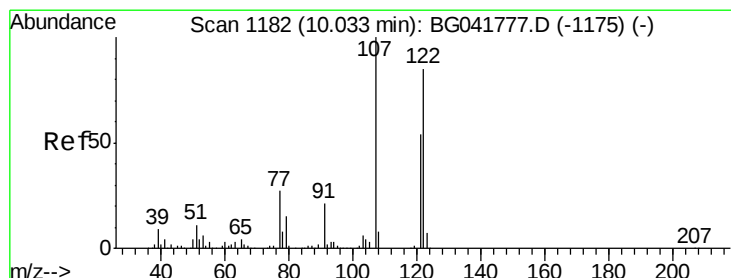
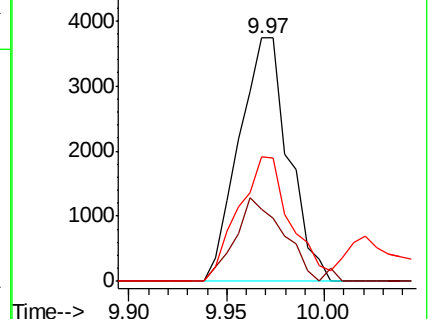
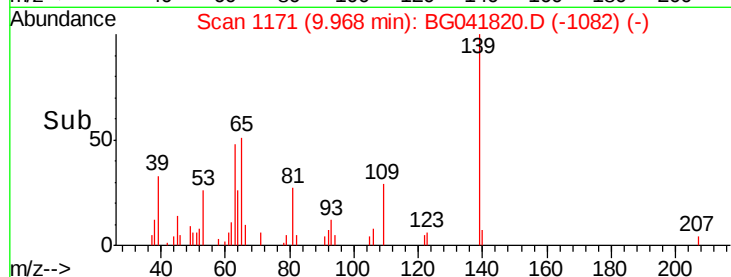
65 50.9 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27

2,4-Dimethylphenol

Concen: 2.989 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

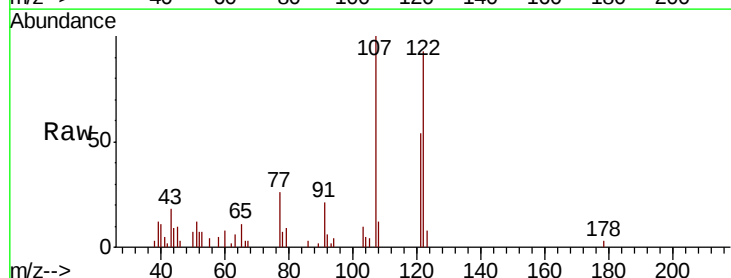
Tgt Ion:122 Resp: 12014

Ion Ratio Lower Upper

122 100

107 107.7 91.3 136.9

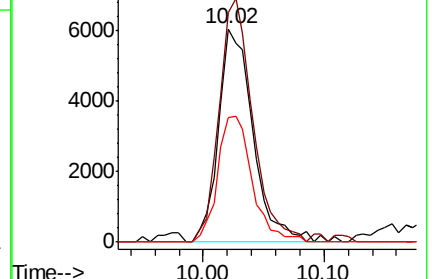
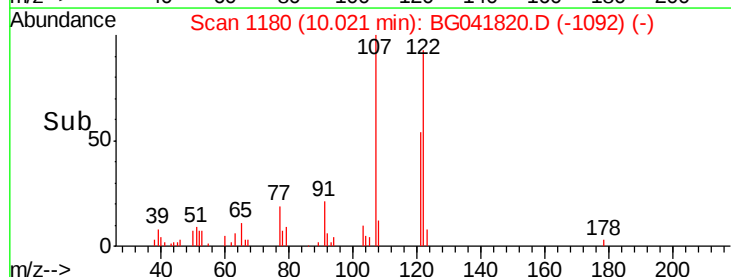
121 58.6 49.2 73.8

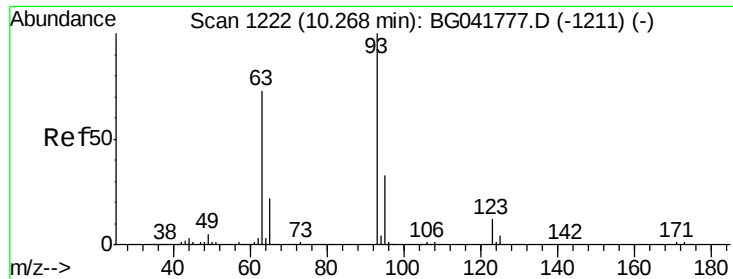


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

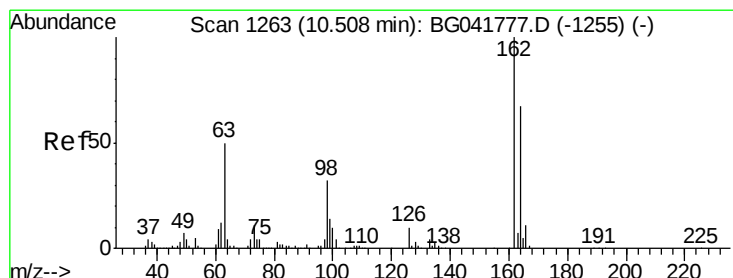
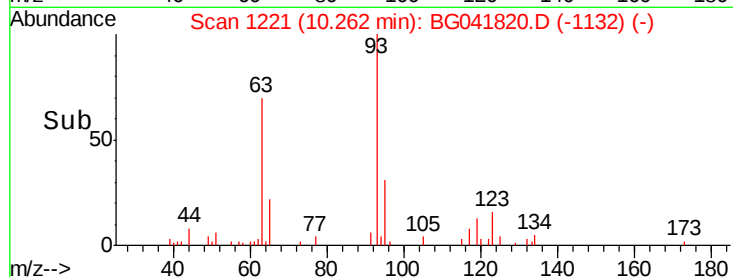
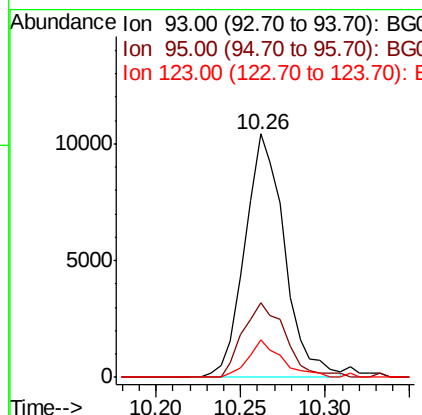
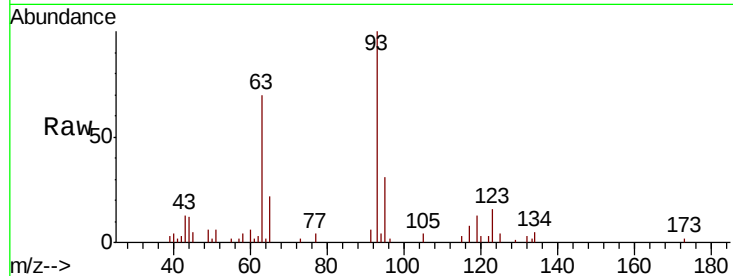




#28
bis(2-Chloroethoxy)methane
Concen: 2.685 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

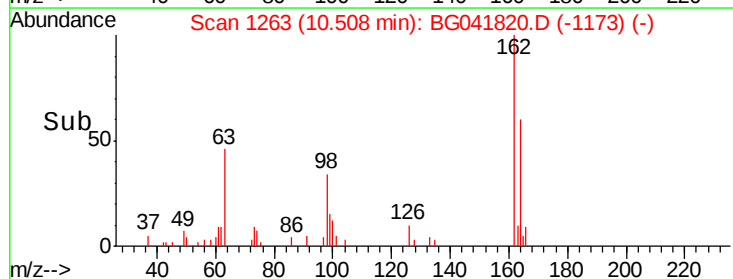
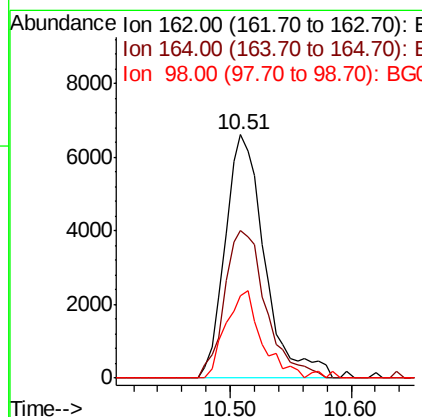
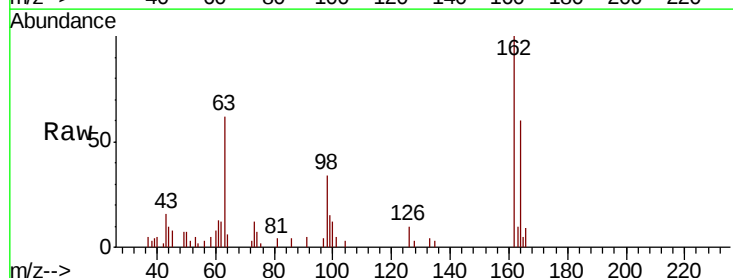
Instrument :
BNA_G
ClientSampleId :
TP-10

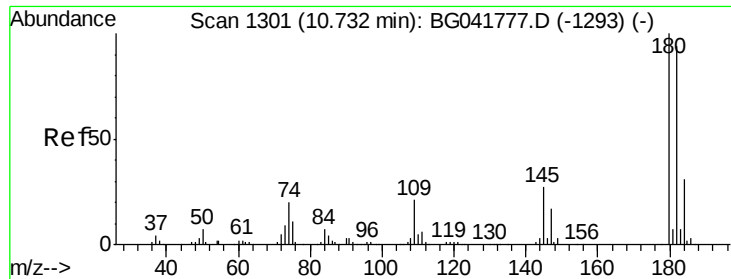
Tgt Ion: 93 Resp: 16998
Ion Ratio Lower Upper
93 100
95 30.9 26.2 39.4
123 15.5 9.9 14.9#



#29
2,4-Dichlorophenol
Concen: 3.066 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion: 162 Resp: 15006
Ion Ratio Lower Upper
162 100
164 60.4 46.1 86.1
98 34.0 14.7 54.7

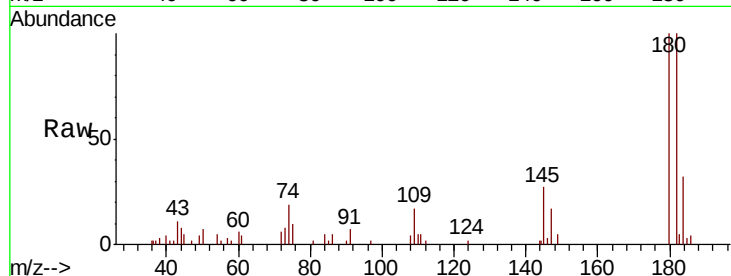




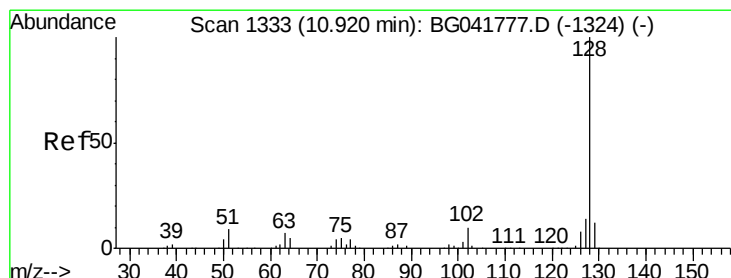
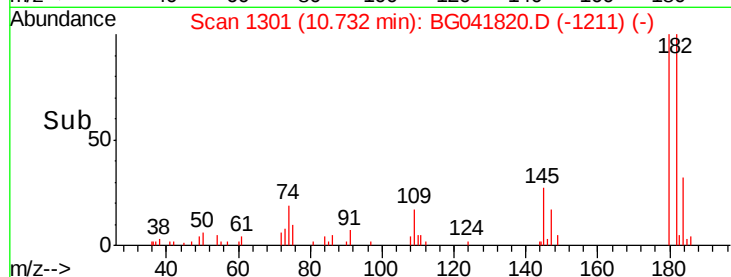
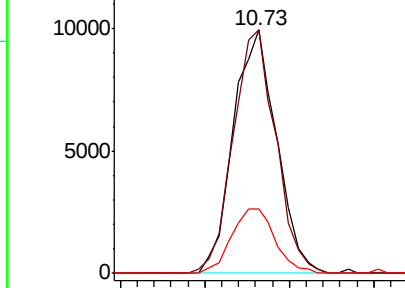
#30
 1,2,4-Trichlorobenzene
 Concen: 2.843 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampled :
 TP-10

Tgt Ion:180 Resp: 17645
 Ion Ratio Lower Upper
 180 100
 182 99.8 76.2 114.2
 145 26.6 23.8 35.8

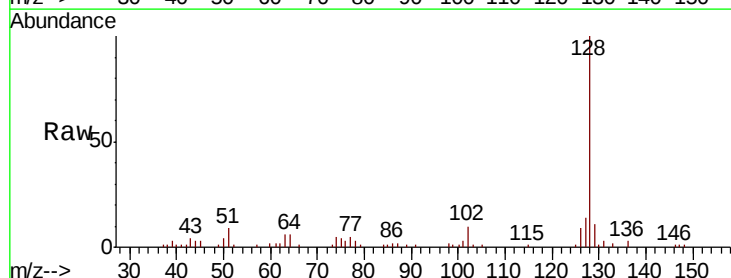


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

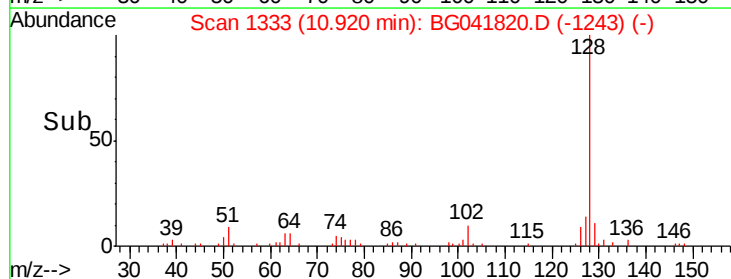
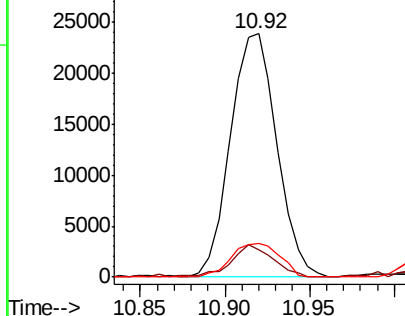


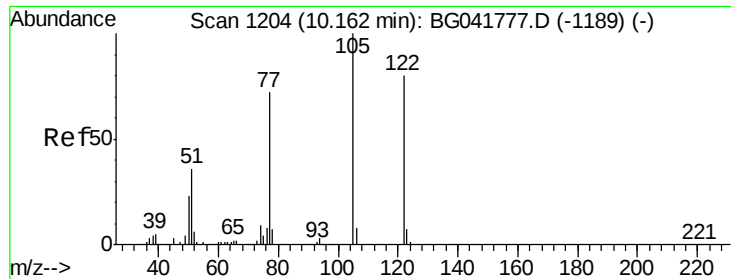
#31
 Naphthalene
 Concen: 3.108 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:128 Resp: 45590
 Ion Ratio Lower Upper
 128 100
 129 11.3 10.0 15.0
 127 13.9 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

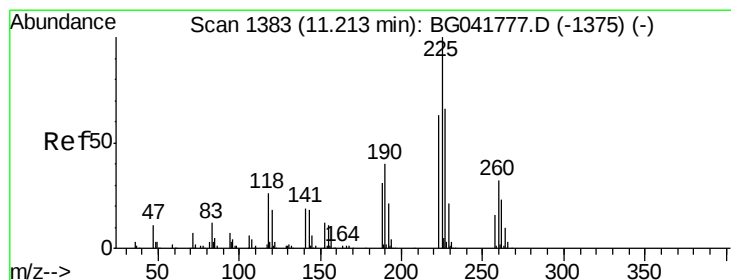
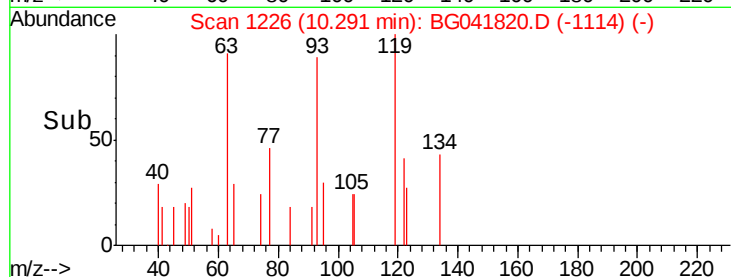
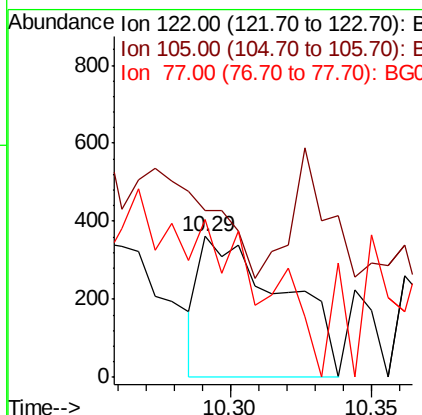
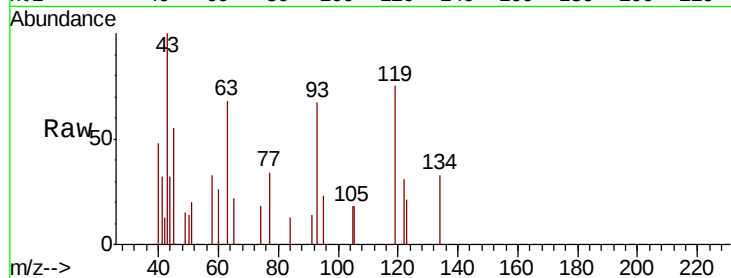




#32
Benzoic acid
Concen: 8.938 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.13 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

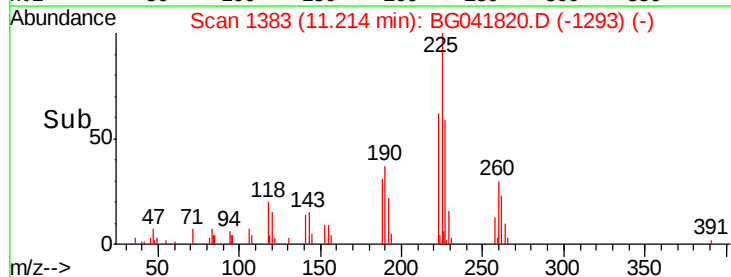
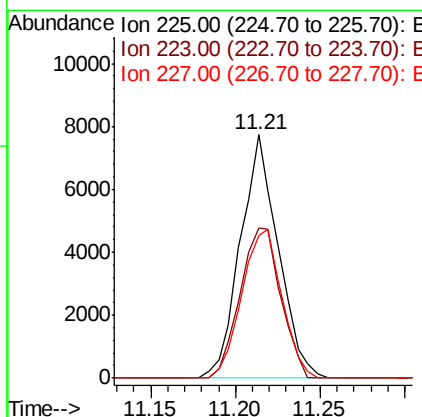
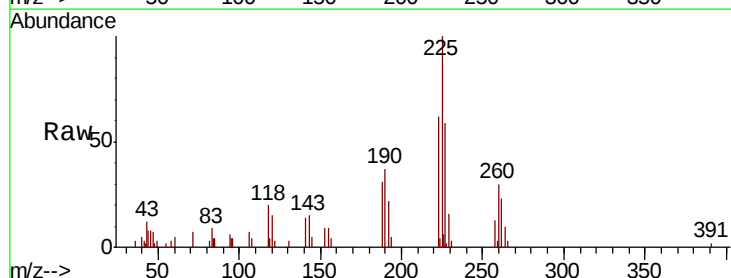
Instrument :
BNA_G
ClientSampleId :
TP-10

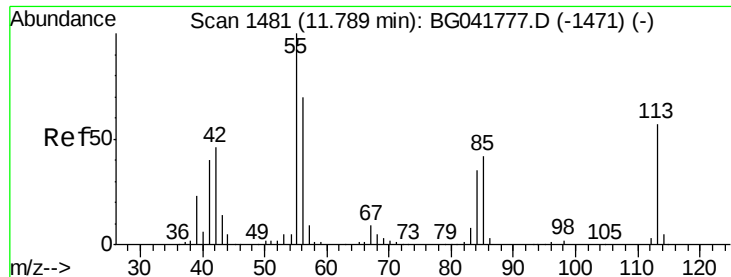
Tgt Ion:122 Resp: 737
Ion Ratio Lower Upper
122 100
105 118.8 101.5 141.5
77 112.2 73.0 113.0



#34
Hexachlorobutadiene
Concen: 2.875 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion:225 Resp: 12044
Ion Ratio Lower Upper
225 100
223 61.9 51.1 76.7
227 57.5 50.9 76.3

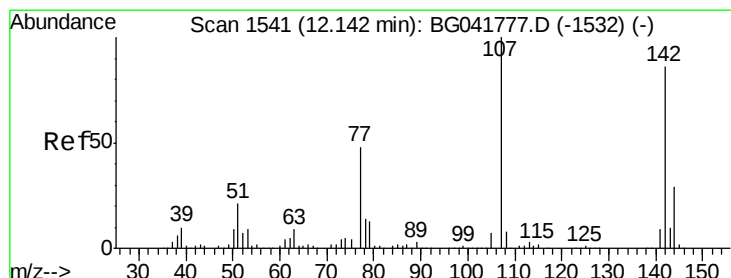
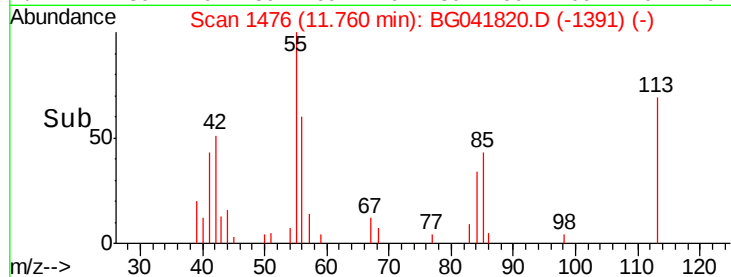
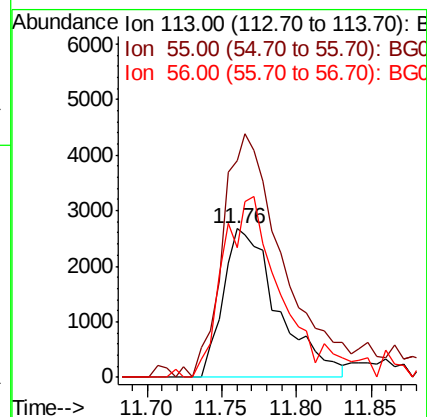
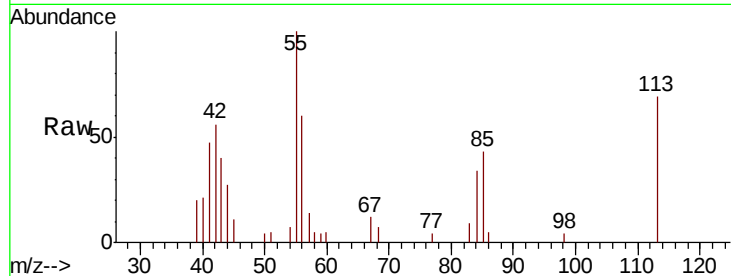




#35
 Caprolactam
 Concen: 4.029 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

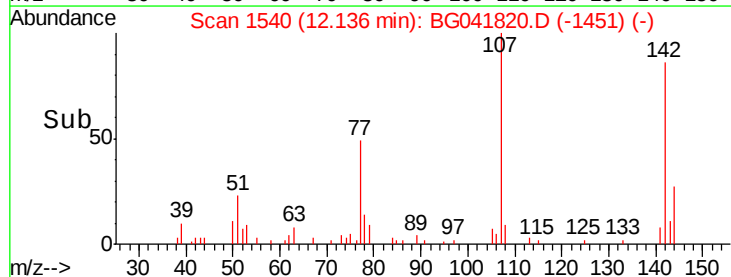
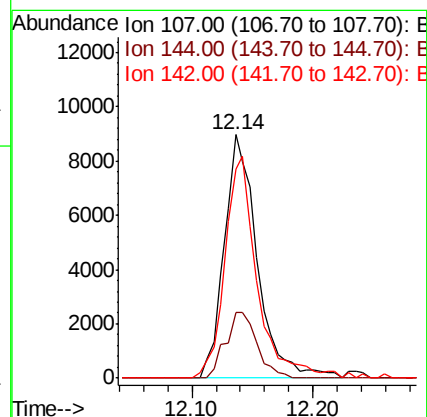
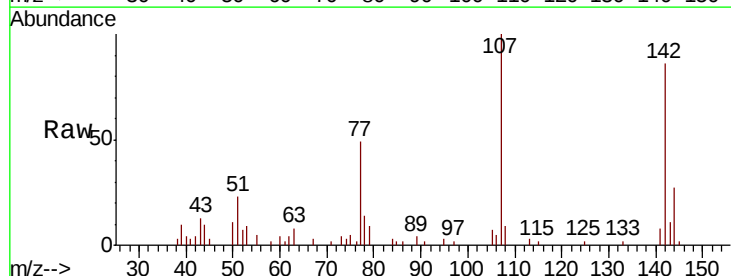
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

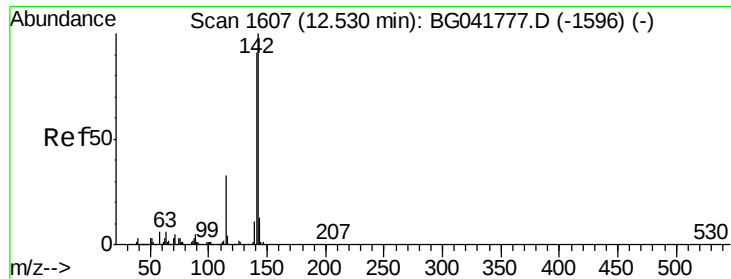
Tgt Ion:113 Resp: 6852
 Ion Ratio Lower Upper
 113 100
 55 145.7 199.4 239.4#
 56 87.8 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 3.509 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:107 Resp: 17027
 Ion Ratio Lower Upper
 107 100
 144 26.8 22.2 33.2
 142 85.8 67.3 100.9

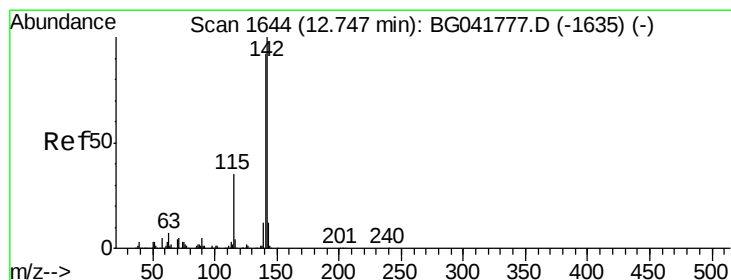
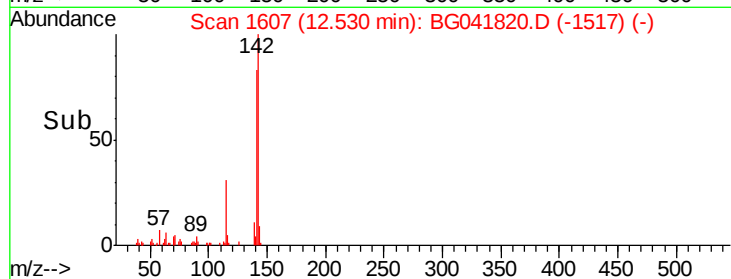
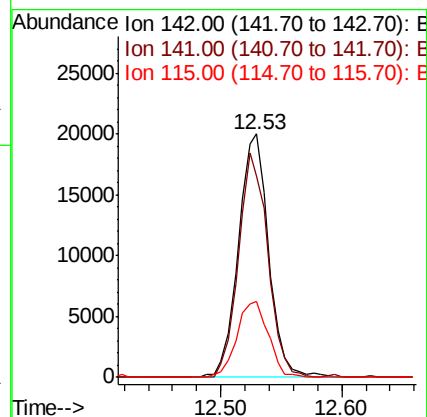
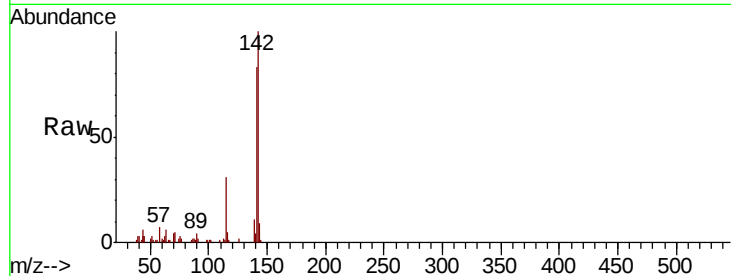




#37
 2-Methylnaphthalene
 Concen: 2.997 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

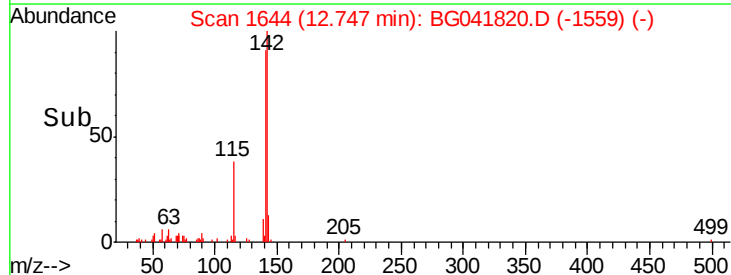
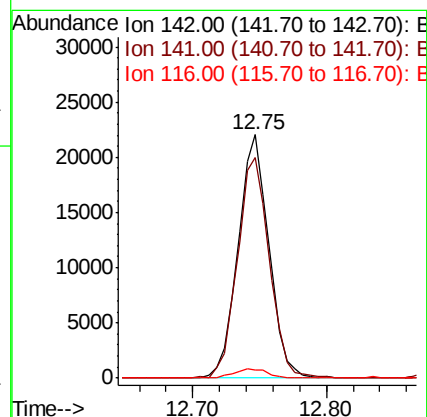
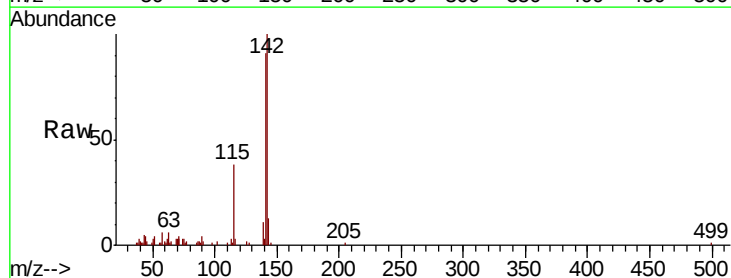
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

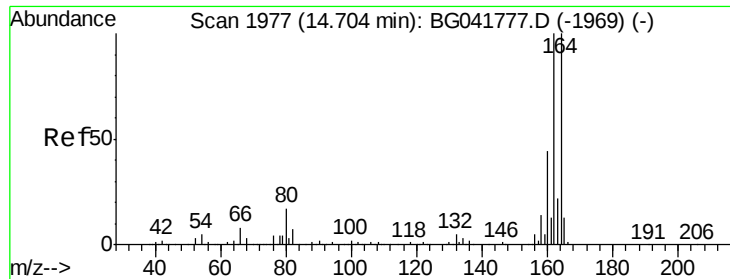
Tgt Ion:142 Resp: 34792
 Ion Ratio Lower Upper
 142 100
 141 82.8 72.7 109.1
 115 31.0 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 3.200 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:142 Resp: 35211
 Ion Ratio Lower Upper
 142 100
 141 90.8 75.4 113.2
 116 3.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

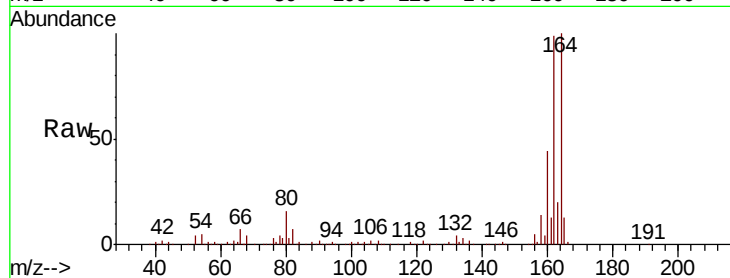
Tgt Ion:164 Resp: 245455

Ion Ratio Lower Upper

164 100

162 99.1 79.6 119.4

160 43.6 35.4 53.0

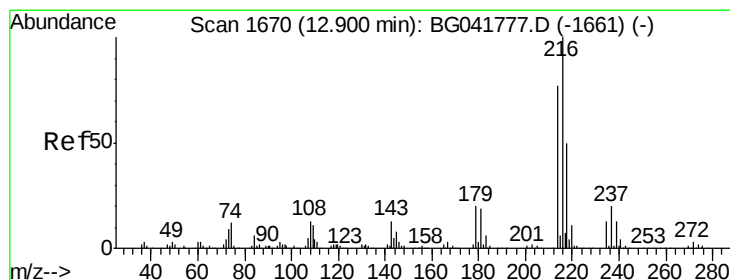
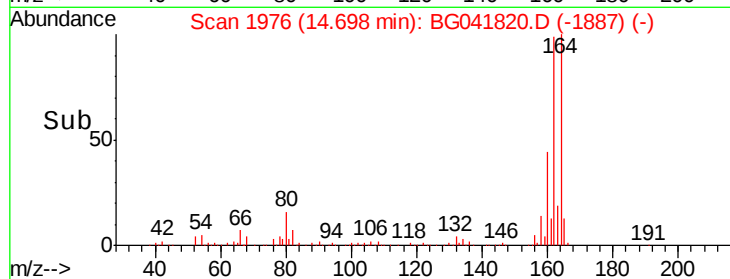
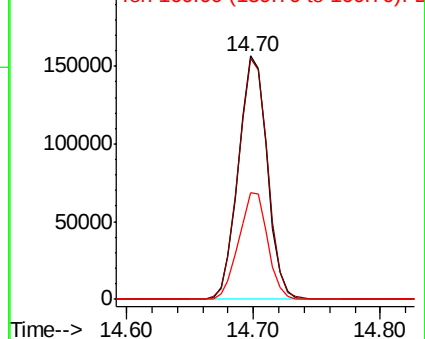


Abundance

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: 2.984 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Tgt Ion:216 Resp: 23181

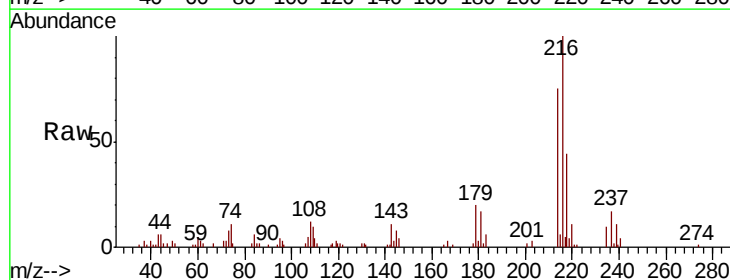
Ion Ratio Lower Upper

216 100

214 73.9 61.5 92.3

179 17.4 16.2 24.2

108 13.6 13.2 19.8



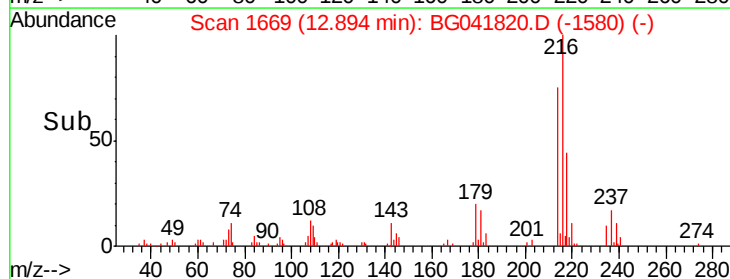
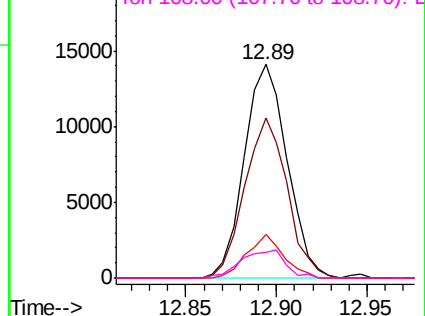
Abundance

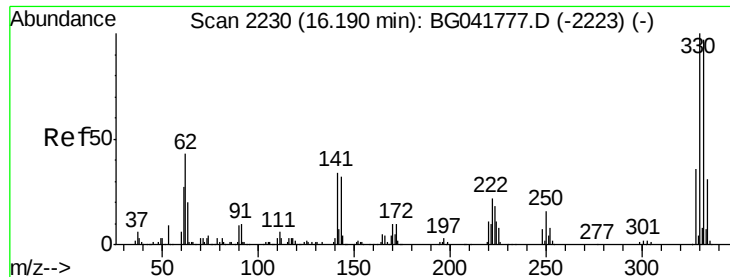
Ion 216.00 (215.70 to 216.70): E

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

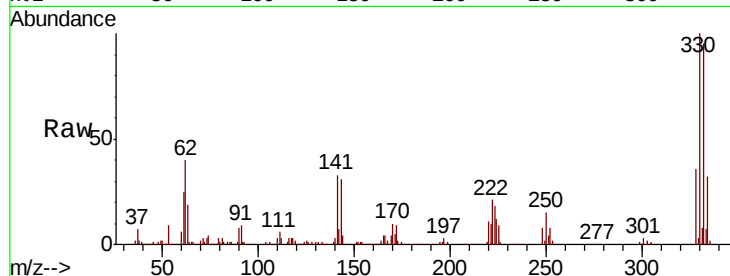




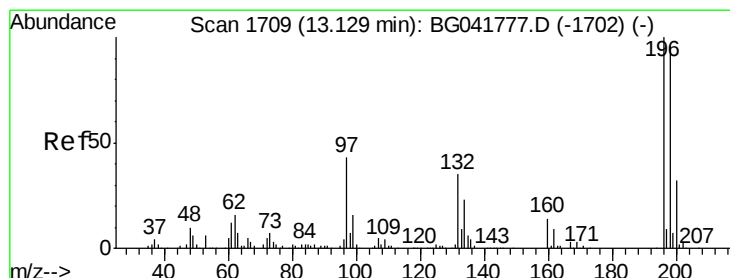
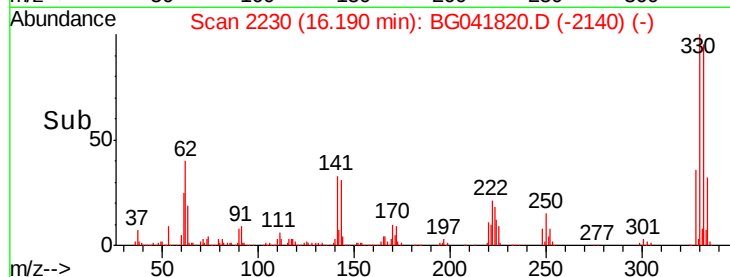
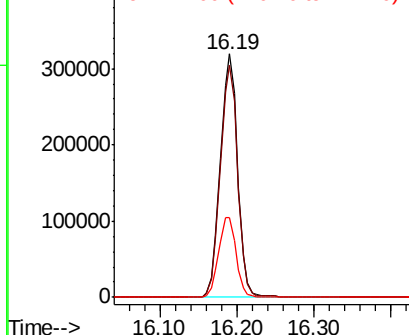
#42
 2,4,6-Tribromophenol
 Concen: 177.391 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tgt Ion:330 Resp: 494573
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 33.2 31.9 47.9

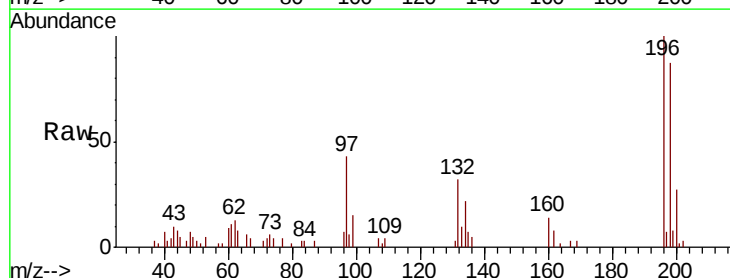


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

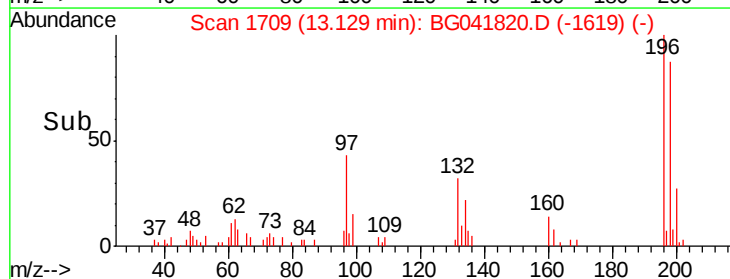
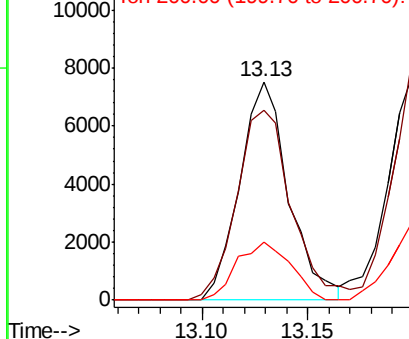


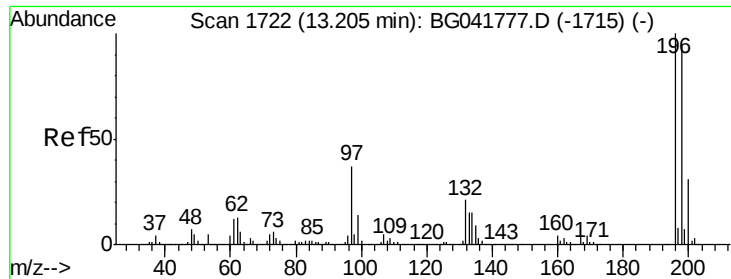
#43
 2,4,6-Trichlorophenol
 Concen: 2.466 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:196 Resp: 12111
 Ion Ratio Lower Upper
 196 100
 198 87.3 79.6 119.4
 200 26.7 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

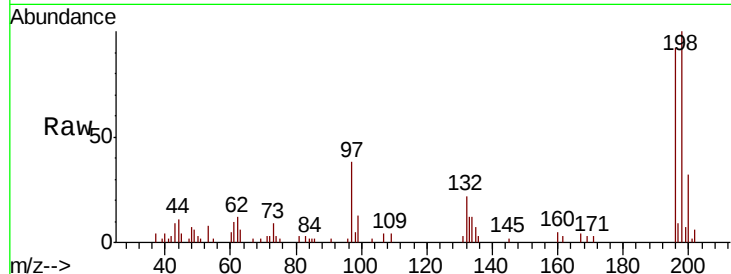




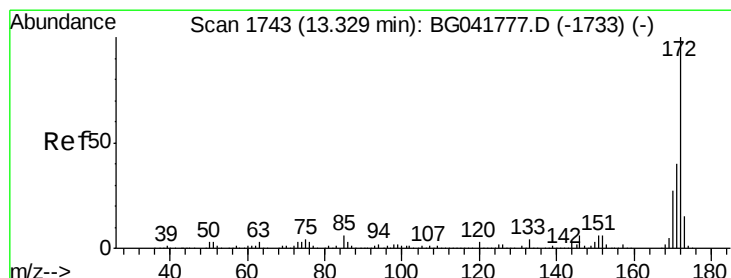
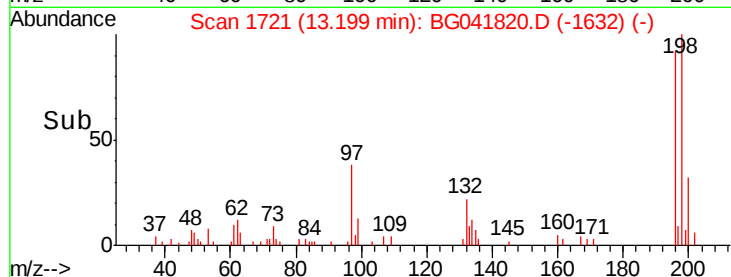
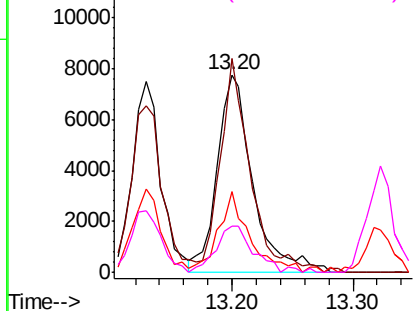
#44
 2,4,5-Trichlorophenol
 Concen: 3.087 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tgt Ion:196 Resp: 15755
 Ion Ratio Lower Upper
 196 100
 198 108.2 80.6 121.0
 97 40.7 33.9 50.9
 132 23.5 20.2 30.2

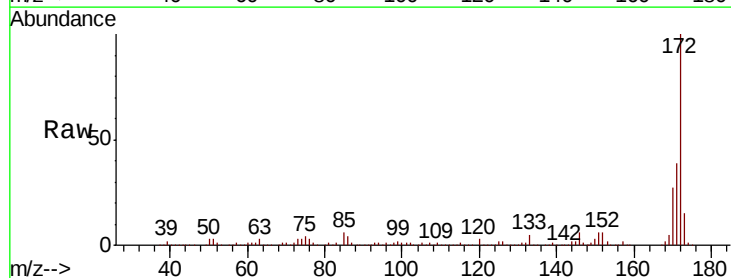


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

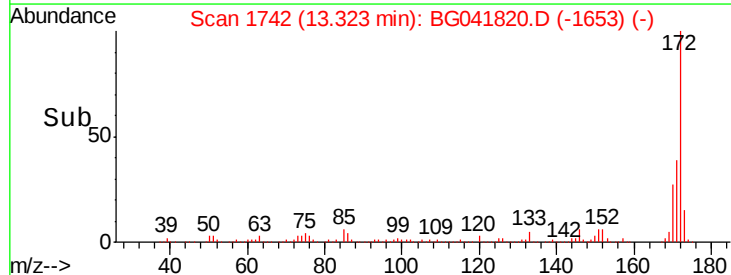
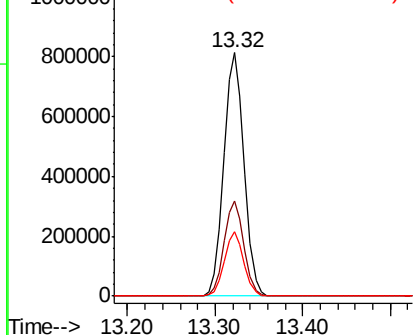


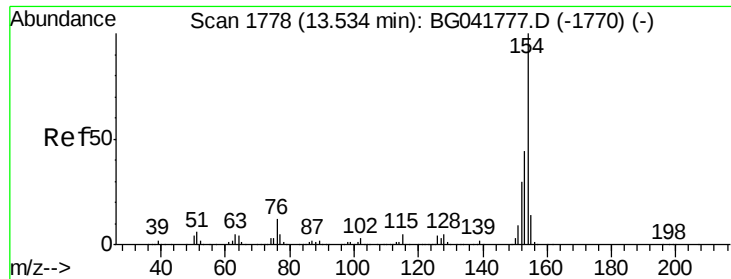
#45
 2-Fluorobiphenyl
 Concen: 92.830 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:172 Resp: 1291909
 Ion Ratio Lower Upper
 172 100
 171 39.3 35.0 52.4
 170 26.5 23.5 35.3



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

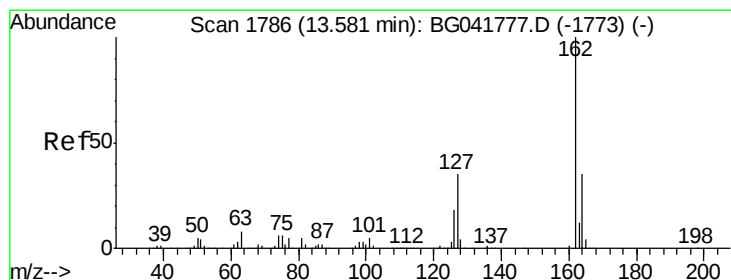
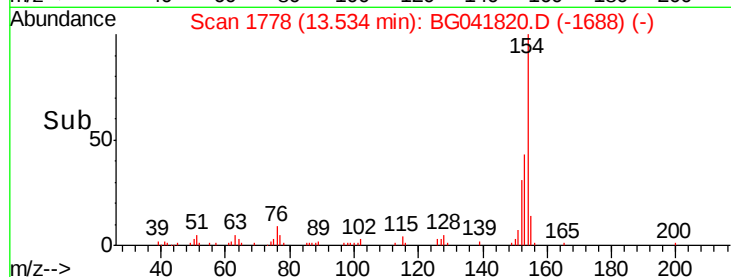
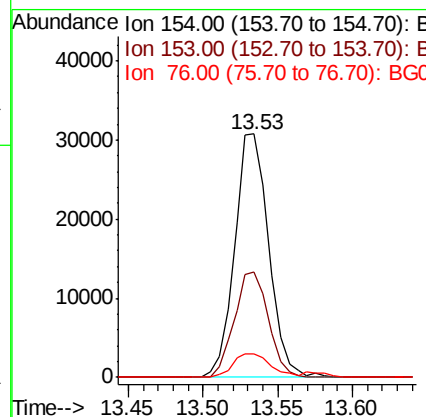
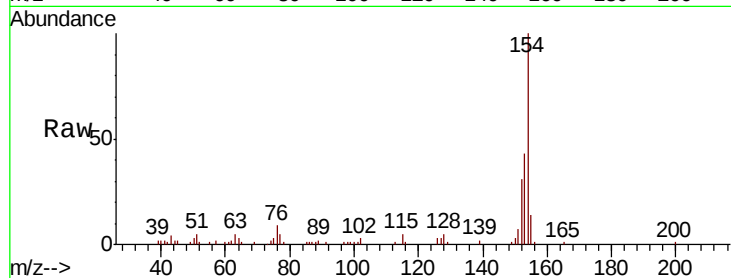




#46
 1,1'-Biphenyl
 Concen: 3.093 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

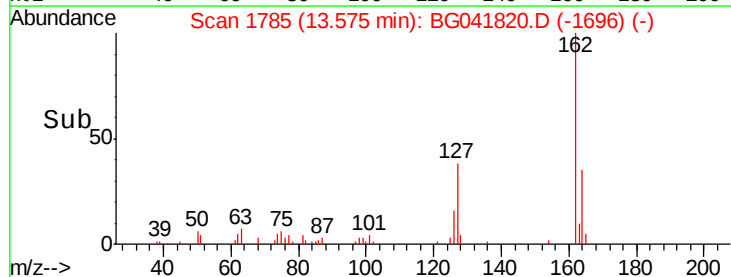
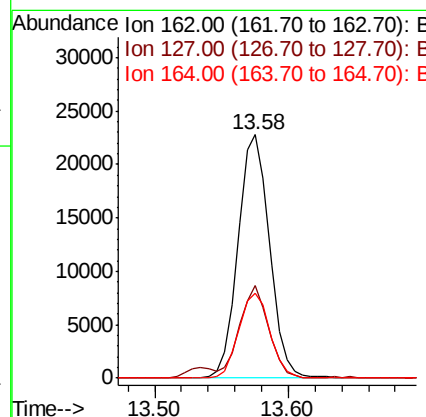
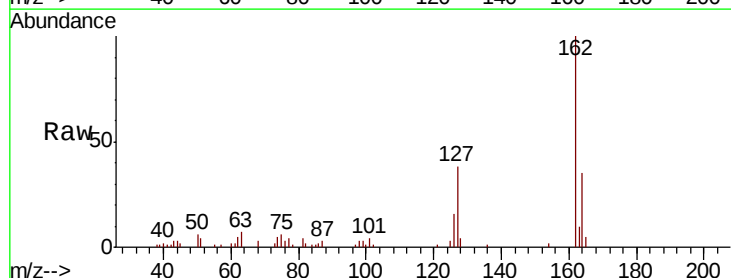
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

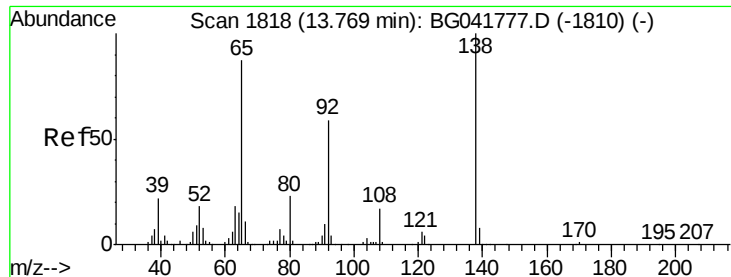
Tgt Ion:154 Resp: 48799
 Ion Ratio Lower Upper
 154 100
 153 43.4 25.0 65.0
 76 9.5 0.0 34.5



#47
 2-Chloronaphthalene
 Concen: 2.769 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:162 Resp: 37199
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.4 45.6
 164 34.9 28.6 42.8

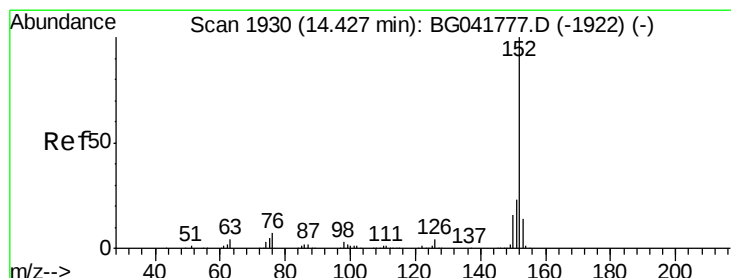
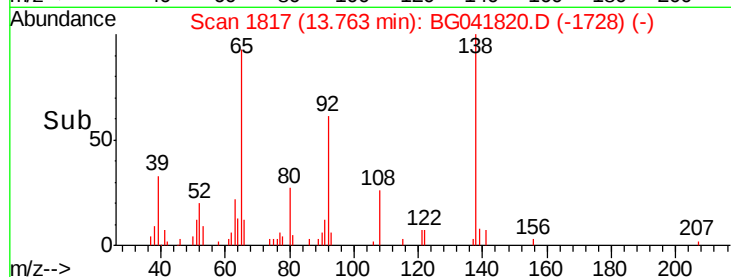
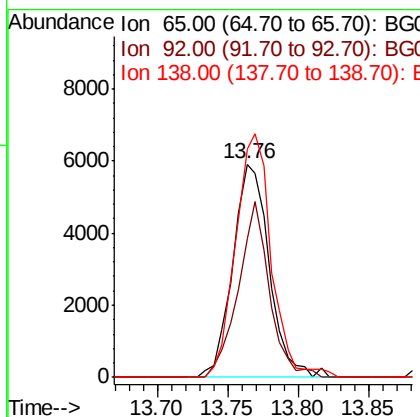
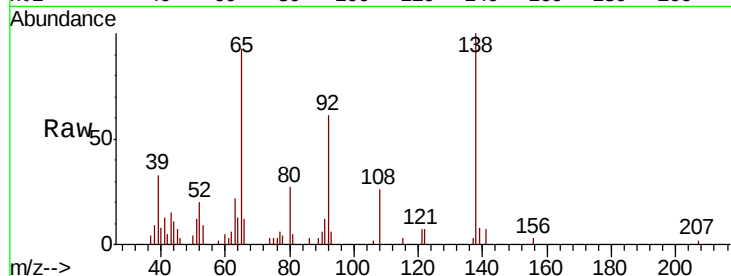




#48
2-Nitroaniline
Concen: 3.127 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

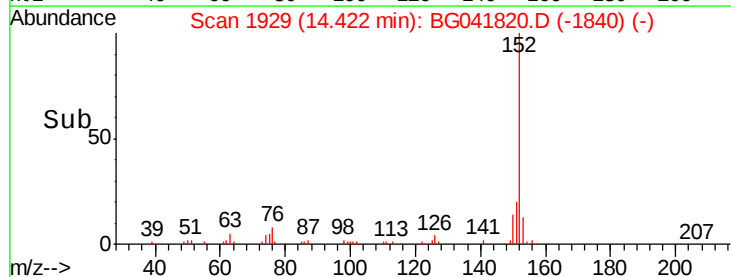
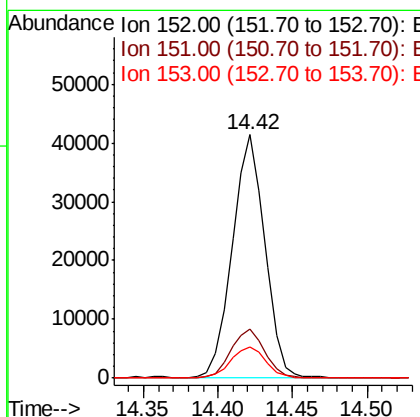
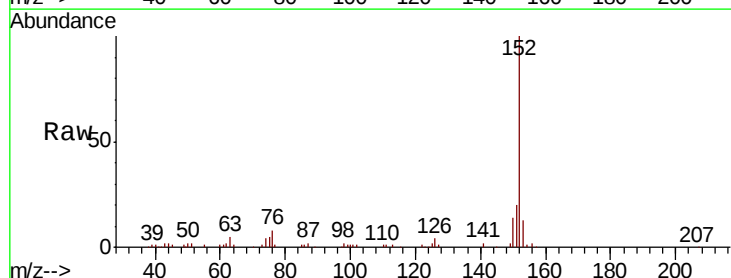
Instrument :
BNA_G
ClientSampleId :
TP-10

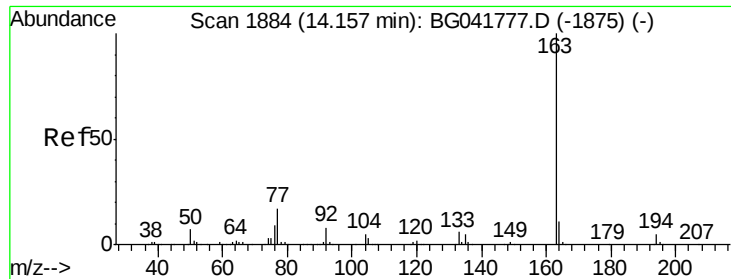
Tgt Ion: 65 Resp: 10655
Ion Ratio Lower Upper
65 100
92 65.1 53.9 80.9
138 107.0 83.5 125.3



#49
Acenaphthylene
Concen: 3.132 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion: 152 Resp: 62940
Ion Ratio Lower Upper
152 100
151 20.0 18.7 28.1
153 12.9 12.4 18.6





#50

Dimethylphthalate

Concen: 5.063 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

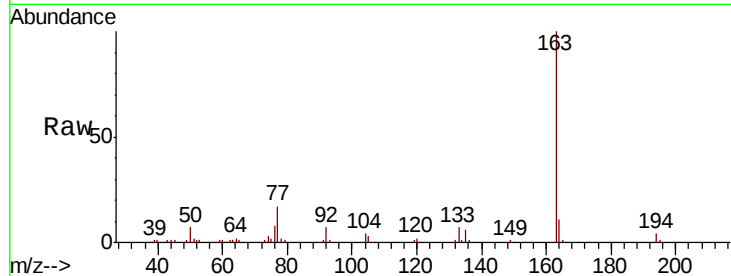
Tgt Ion:163 Resp: 84866

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

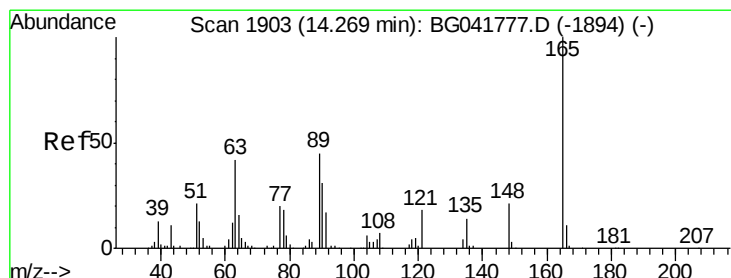
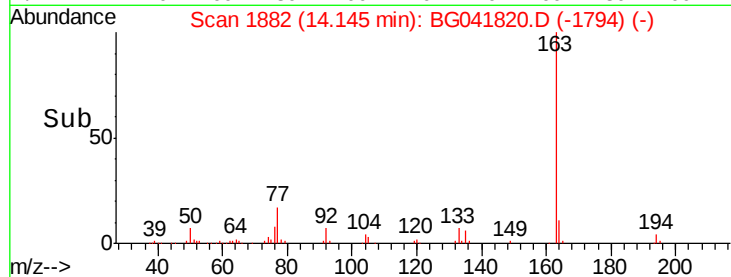
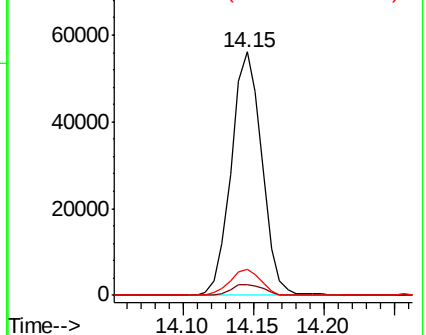
164 10.8 9.4 14.2



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: 3.134 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

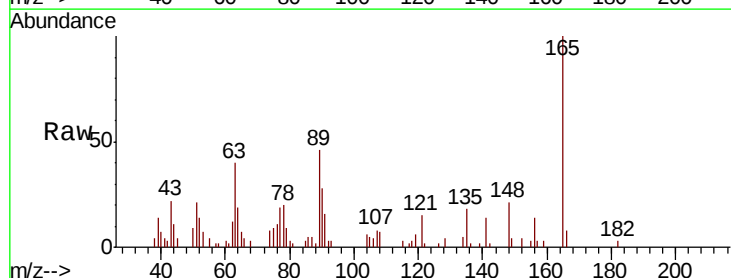
Tgt Ion:165 Resp: 10985

Ion Ratio Lower Upper

165 100

63 40.3 42.4 63.6#

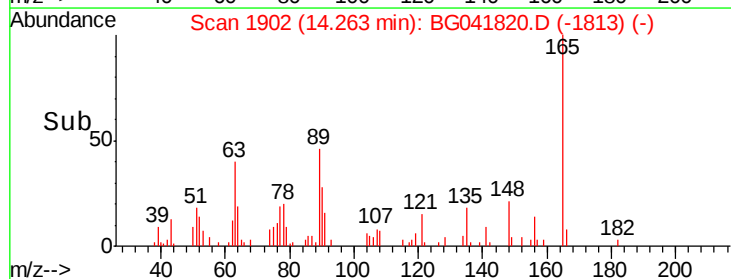
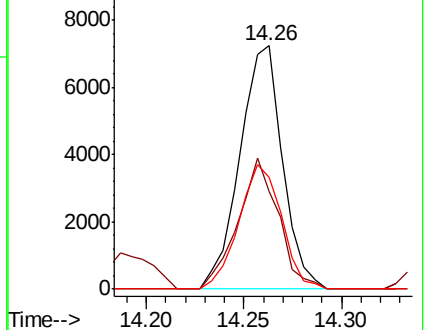
89 45.8 42.1 63.1

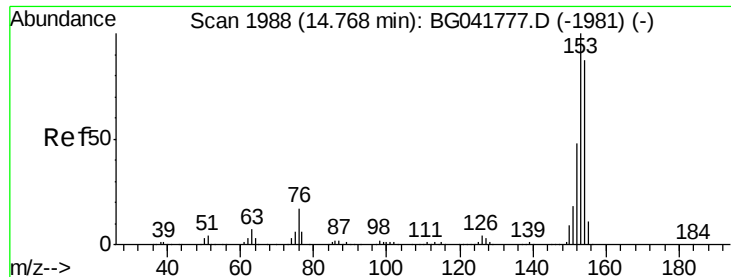


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 2.933 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

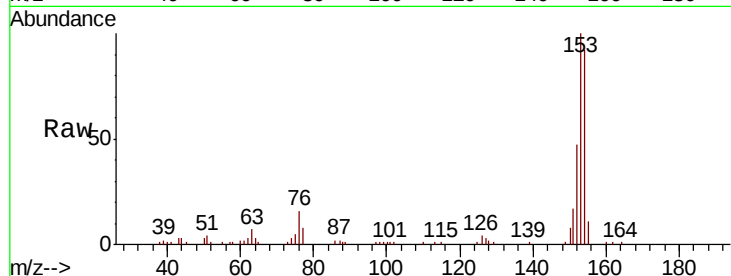
Tgt Ion:154 Resp: 38339

Ion Ratio Lower Upper

154 100

153 108.7 89.8 134.6

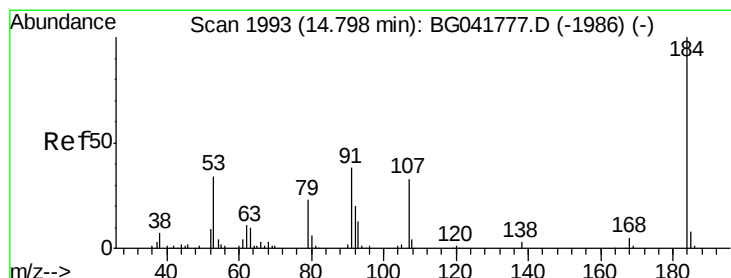
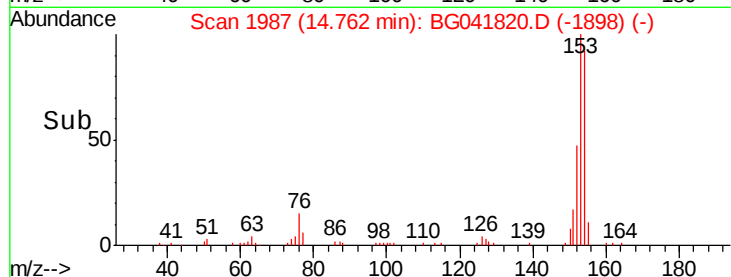
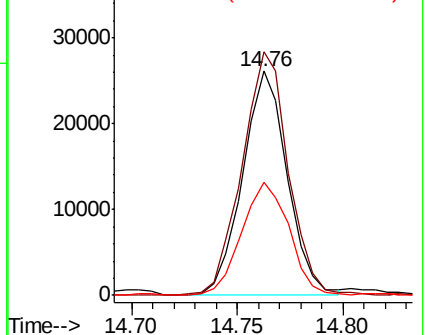
152 50.7 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 4.780 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

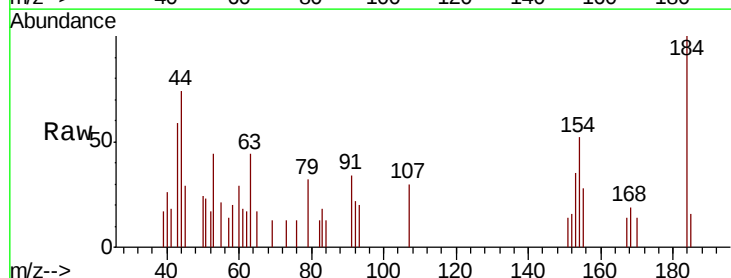
Tgt Ion:184 Resp: 2326

Ion Ratio Lower Upper

184 100

63 44.4 43.2 64.8

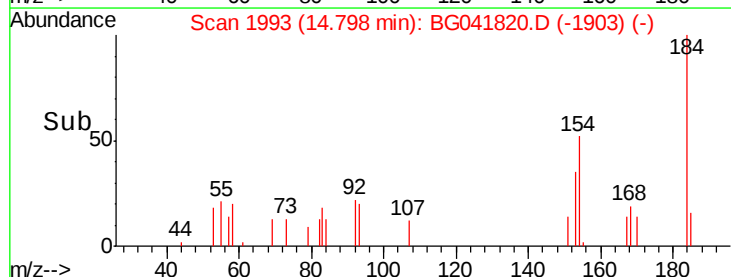
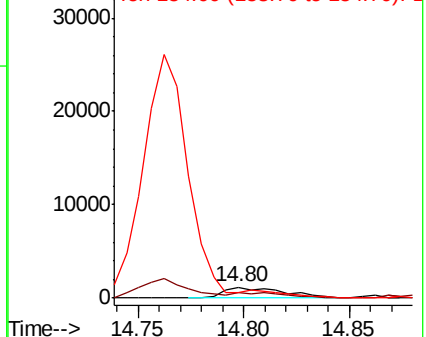
154 52.5 51.4 77.2

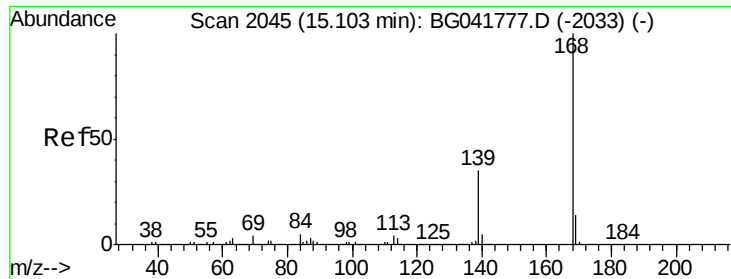


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

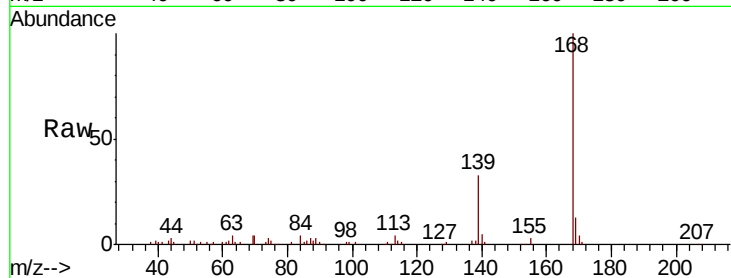




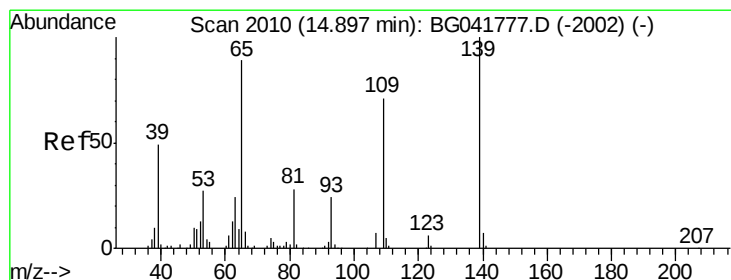
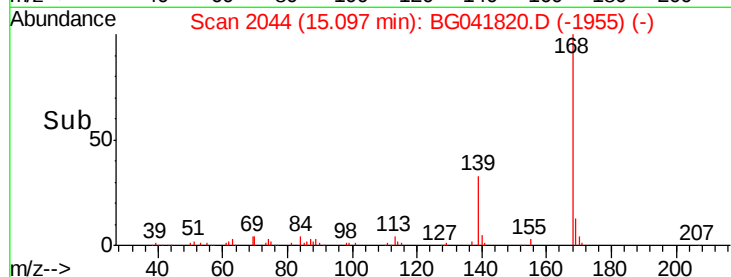
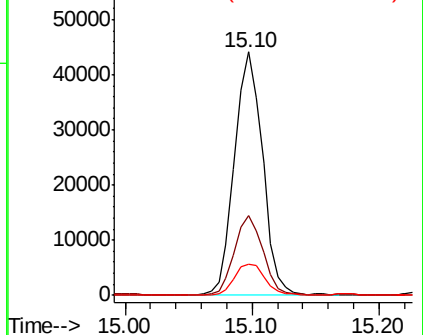
#55
Dibenzenofuran
Concen: 3.389 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:168 Resp: 67746
Ion Ratio Lower Upper
168 100
139 33.0 31.9 47.9
169 12.9 12.5 18.7

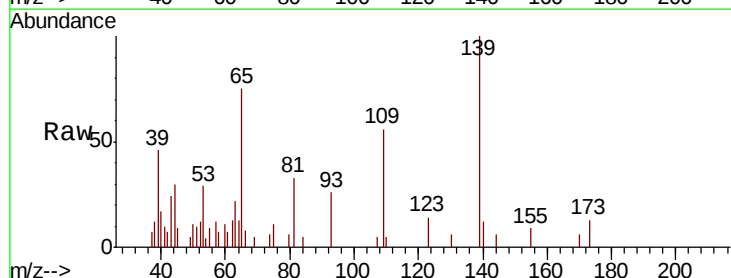


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

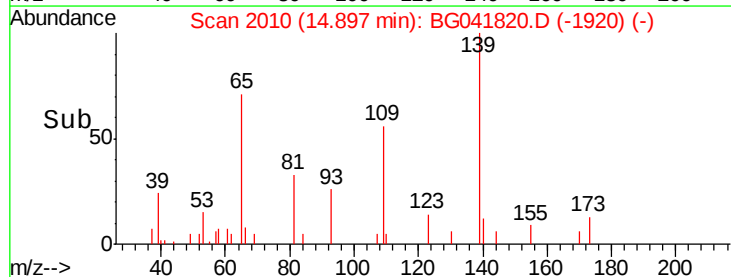
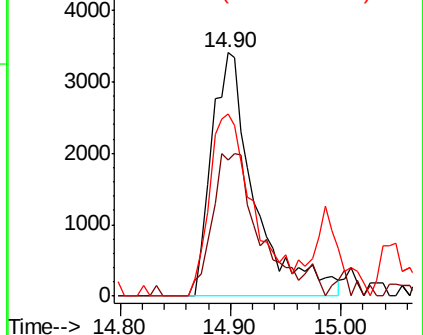


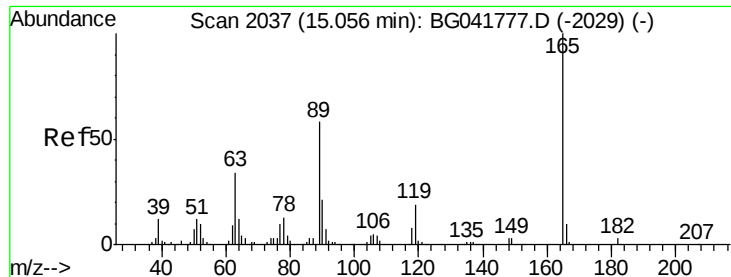
#56
4-Nitrophenol
Concen: 3.215 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion:139 Resp: 9153
Ion Ratio Lower Upper
139 100
109 56.1 51.3 91.3
65 75.0 77.6 117.6#



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

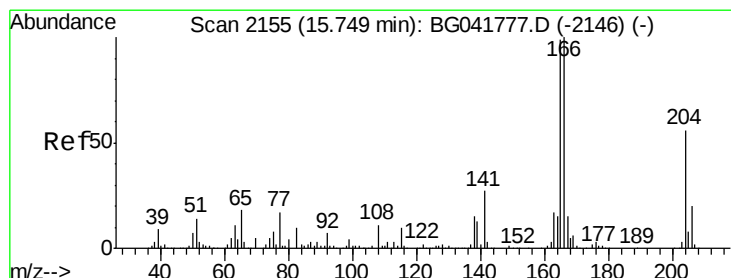
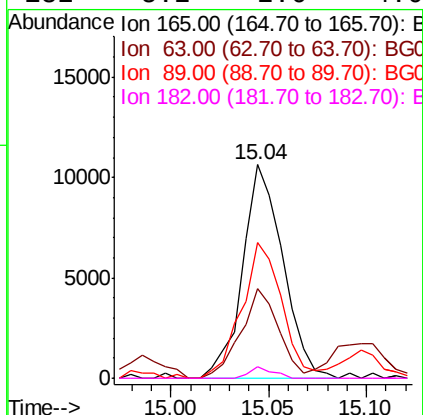
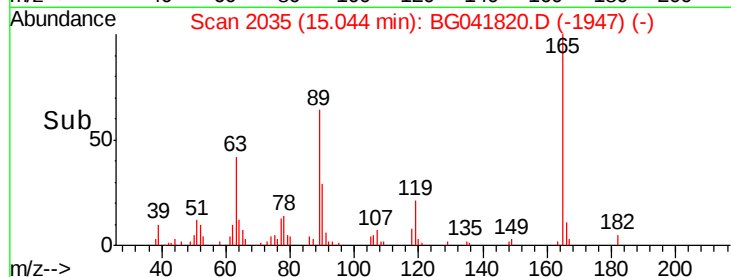
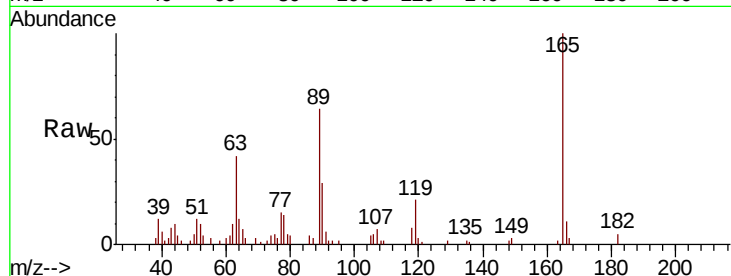




#57
2,4-Dinitrotoluene
Concen: 3.152 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

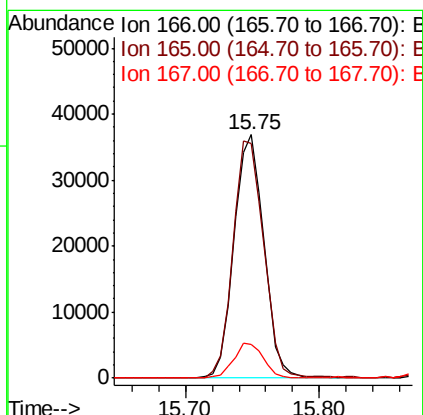
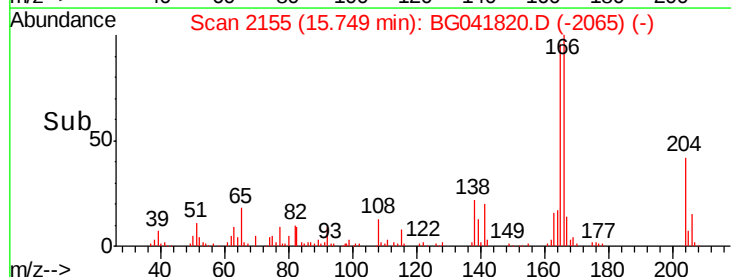
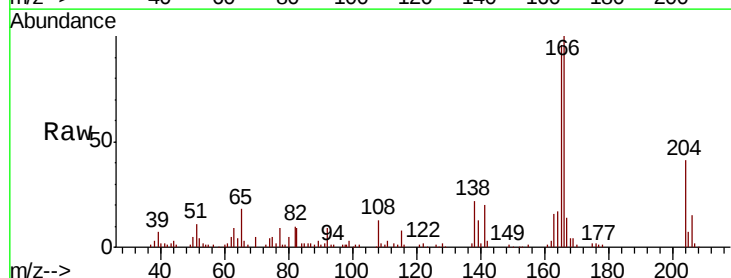
Instrument :
BNA_G
ClientSampleId :
TP-10

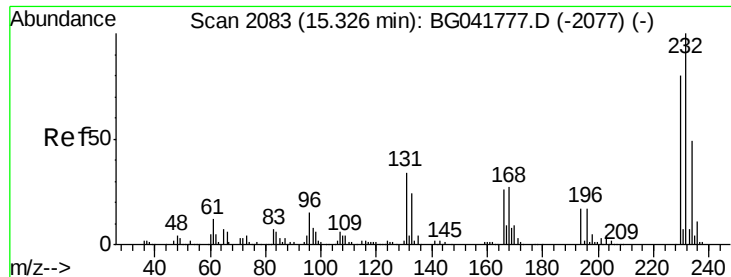
Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.8	31.7	47.5
89	63.7	50.2	75.4
182	5.2	2.6	4.0



#58
Fluorene
Concen: 3.560 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.5	120.7
167	13.6	12.4	18.6

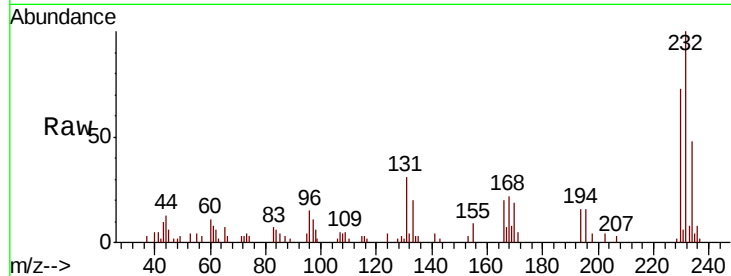




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.741 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampled :
 TP-10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.6	31.8	47.6
130	1.2	1.8	2.8#
166	23.1	23.5	35.3#



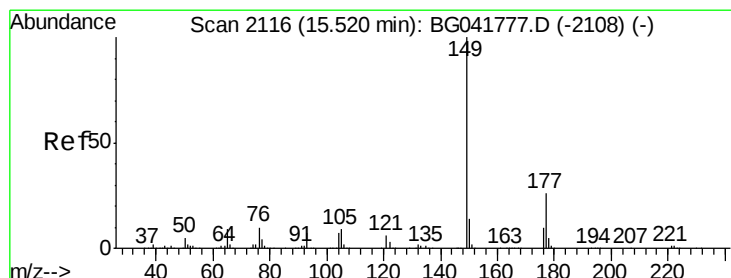
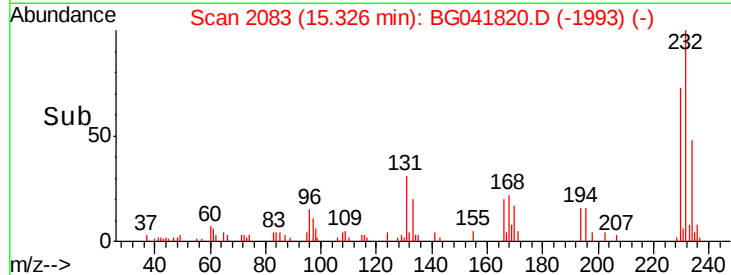
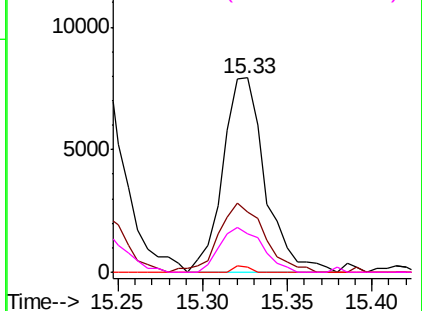
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

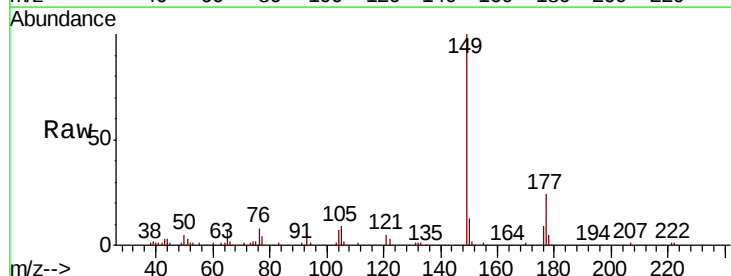
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 3.576 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.7	31.1
150	13.0	11.5	17.3

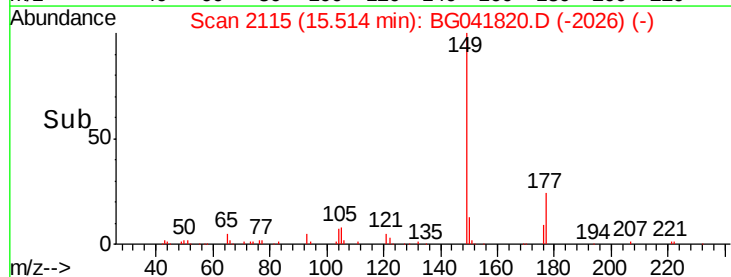
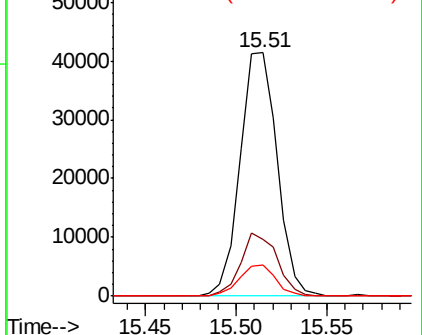


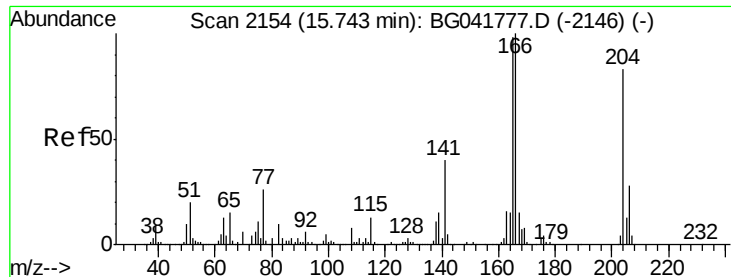
Abundance

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

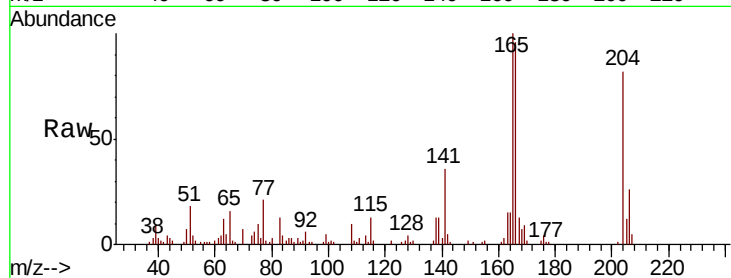




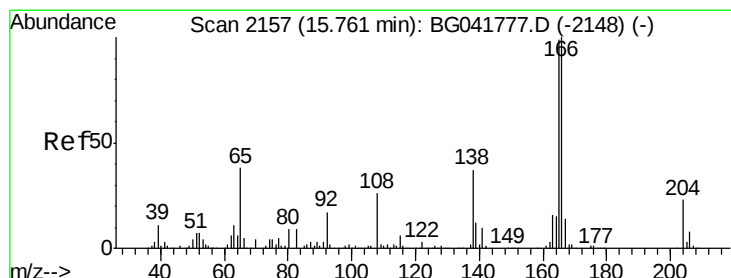
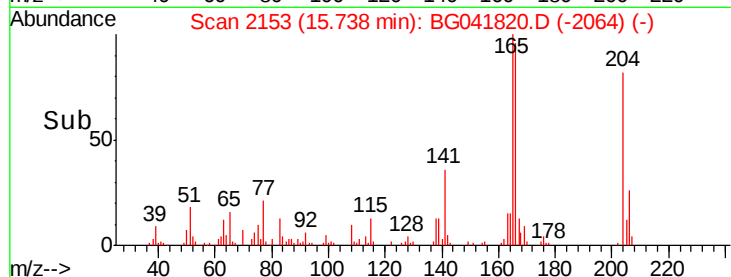
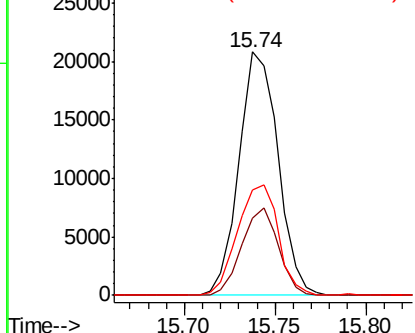
#61
 4-Chlorophenyl-phenylether
 Concen: 3.194 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampled :
 TP-10

Tgt Ion: 204 Resp: 31284
 Ion Ratio Lower Upper
 204 100
 206 31.8 28.6 42.8
 141 43.4 42.9 64.3

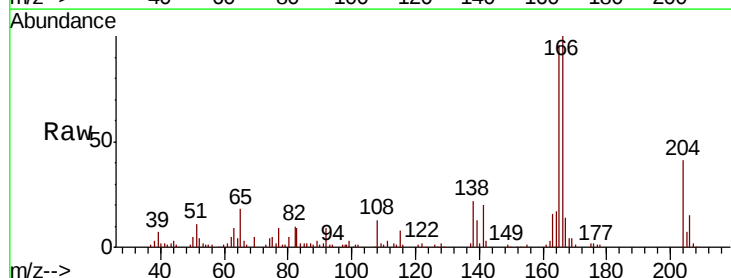


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

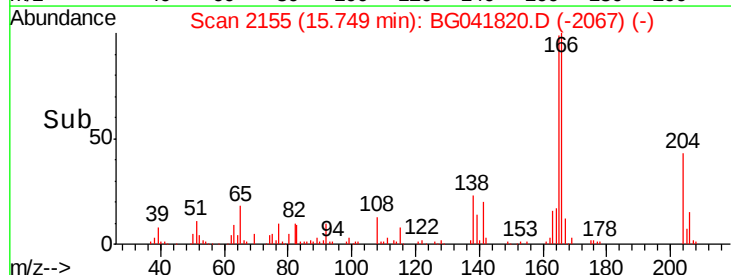
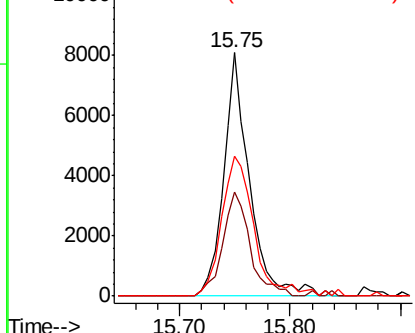


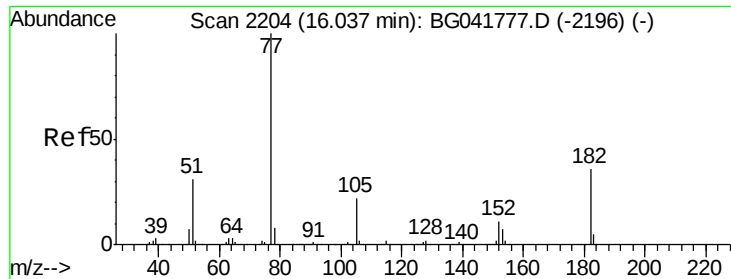
#62
 4-Nitroaniline
 Concen: 3.238 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion: 138 Resp: 13154
 Ion Ratio Lower Upper
 138 100
 92 42.6 29.8 69.8
 108 57.6 52.2 92.2



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

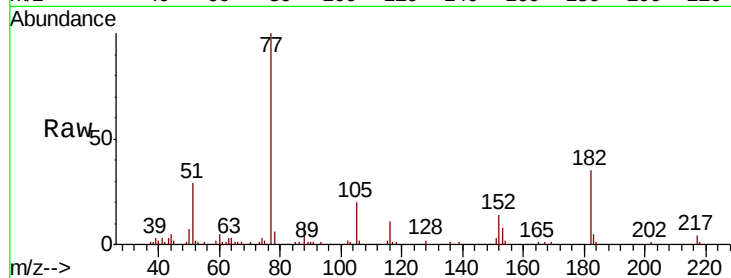




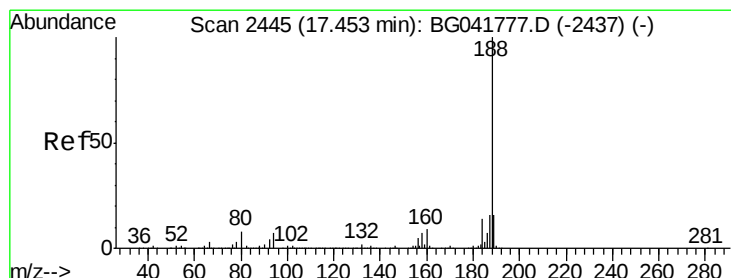
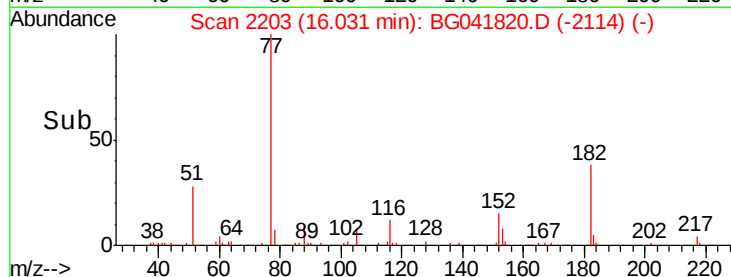
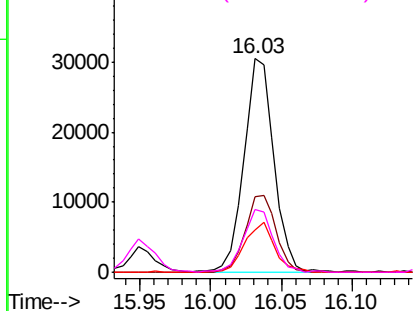
#63
Azobenzene
Concen: 3.375 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion: 77 Resp: 45368
Ion Ratio Lower Upper
77 100
182 35.1 13.2 53.2
105 19.7 2.2 42.2
51 29.3 14.6 54.6

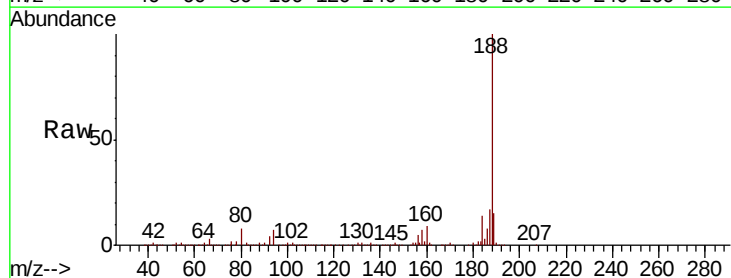


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

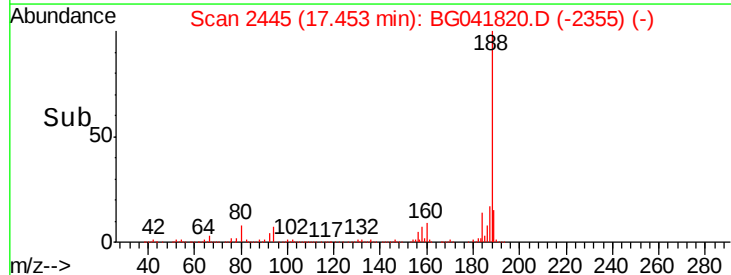
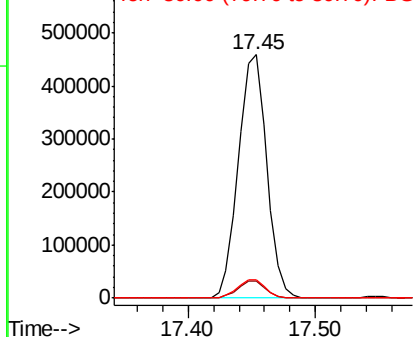


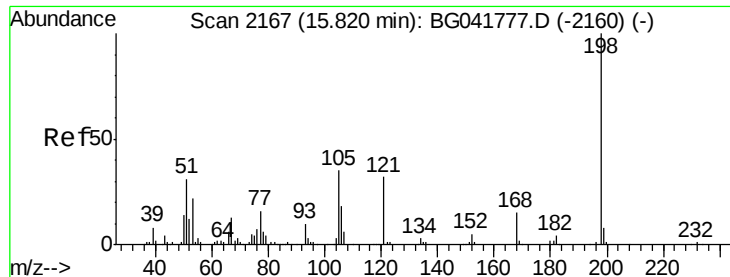
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion: 188 Resp: 711609
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 7.5 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

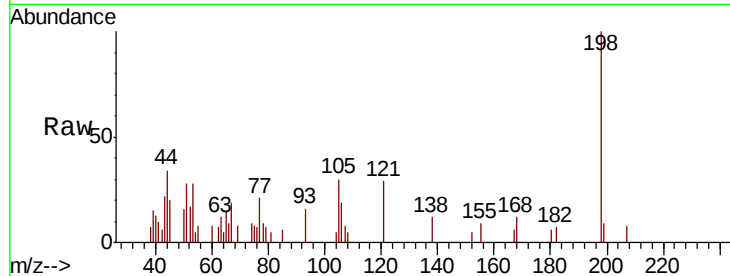




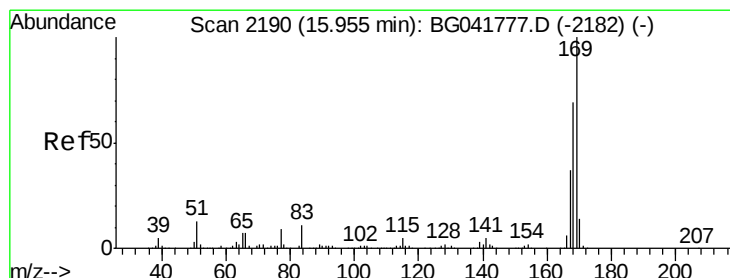
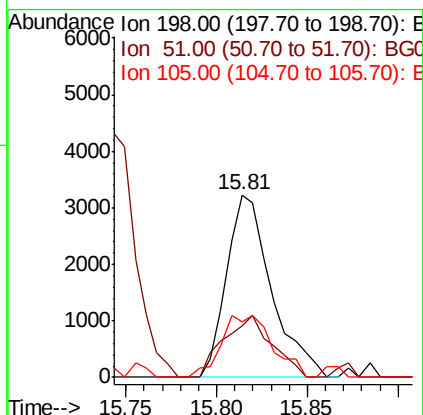
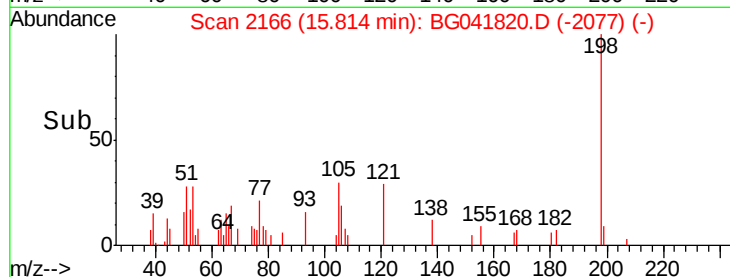
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.220 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tgt Ion:198 Resp: 5555
 Ion Ratio Lower Upper
 198 100
 51 28.1 22.3 62.3
 105 30.5 18.0 58.0

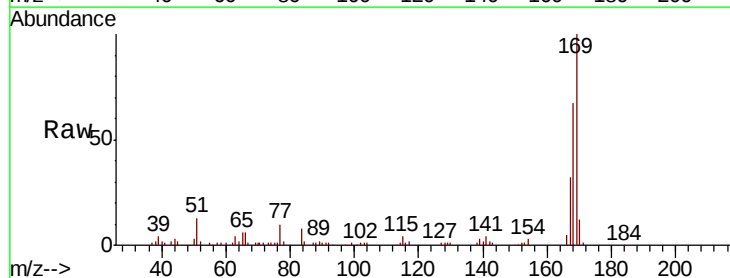


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

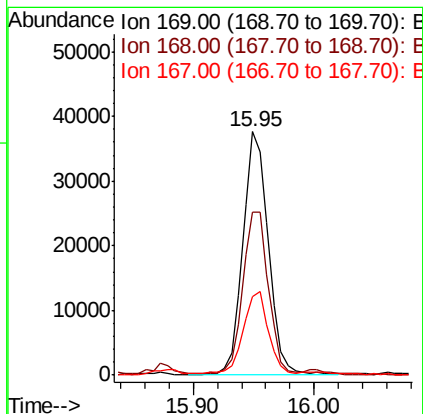
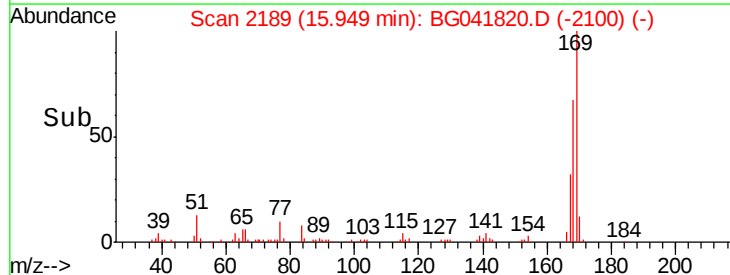


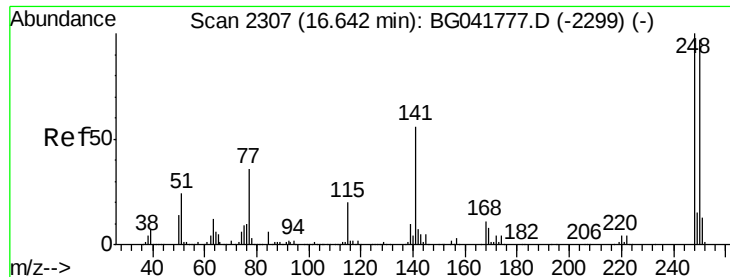
#66
 n-Nitrosodiphenylamine
 Concen: 2.877 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion:169 Resp: 55772
 Ion Ratio Lower Upper
 169 100
 168 67.1 56.9 85.3
 167 32.4 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

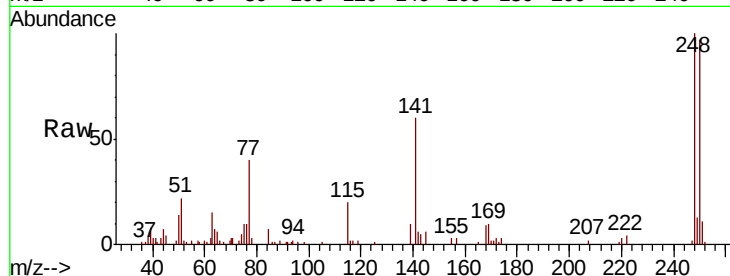




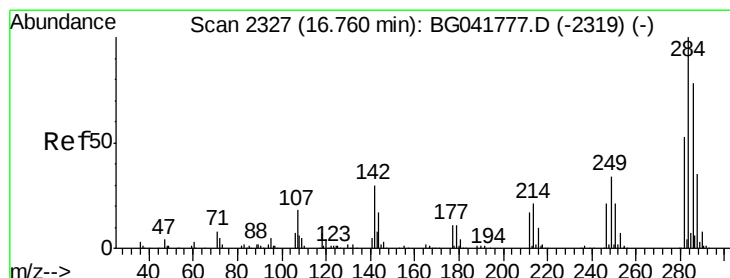
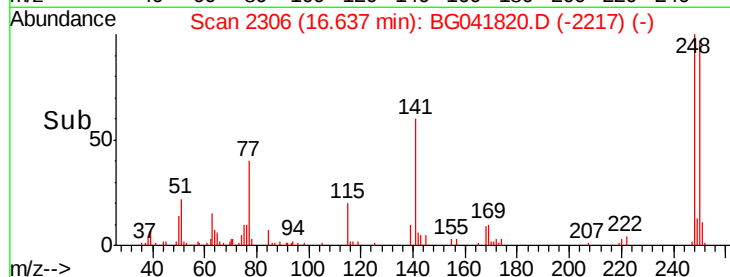
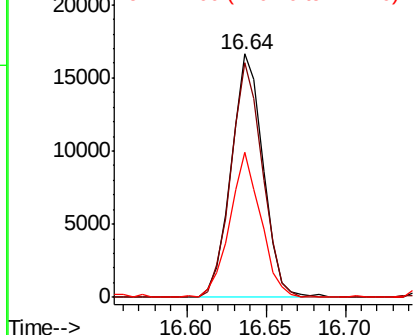
#67
4-Bromophenyl-phenylether
Concen: 2.644 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:248 Resp: 23180
Ion Ratio Lower Upper
248 100
250 96.6 78.1 117.1
141 59.6 49.6 74.4

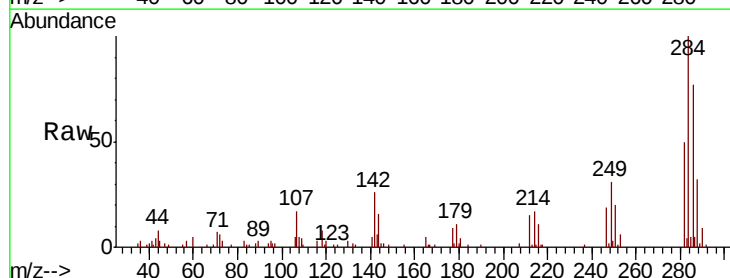


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

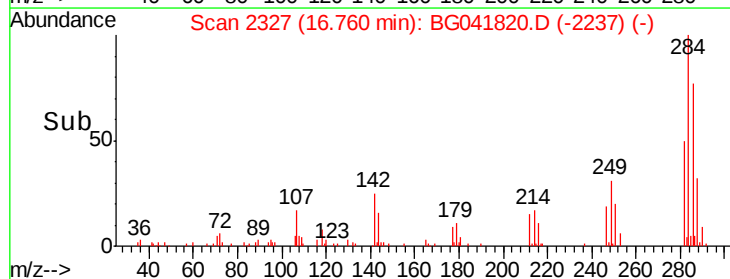
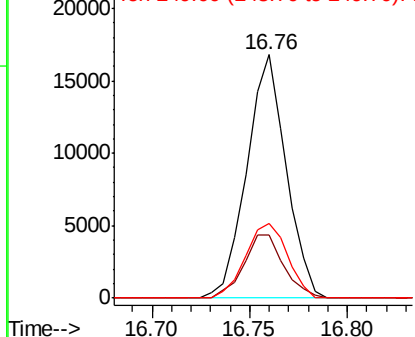


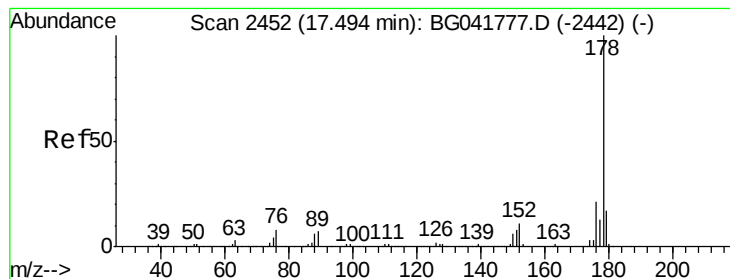
#68
Hexachlorobenzene
Concen: 2.546 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041820.D
Acq: 31 Jul 2019 2:58

Tgt Ion:284 Resp: 23349
Ion Ratio Lower Upper
284 100
142 26.0 27.0 40.6#
249 33.4 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: 3.347 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

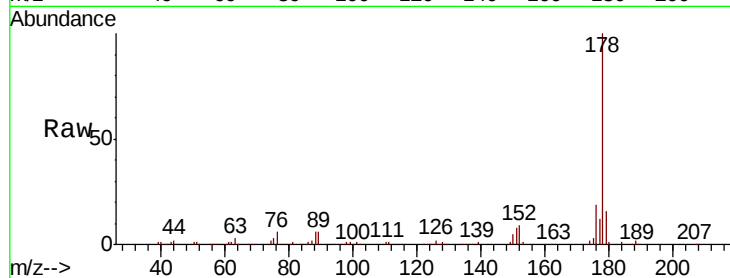
Tgt Ion:178 Resp: 114176

Ion Ratio Lower Upper

178 100

176 18.9 18.6 28.0

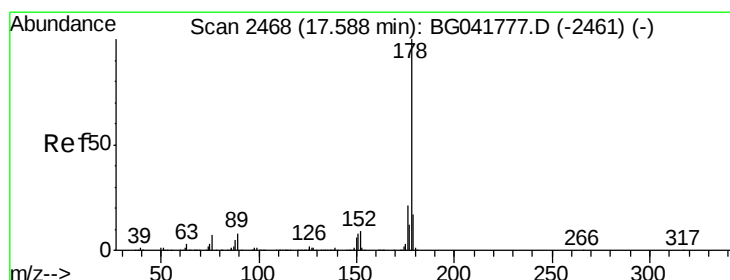
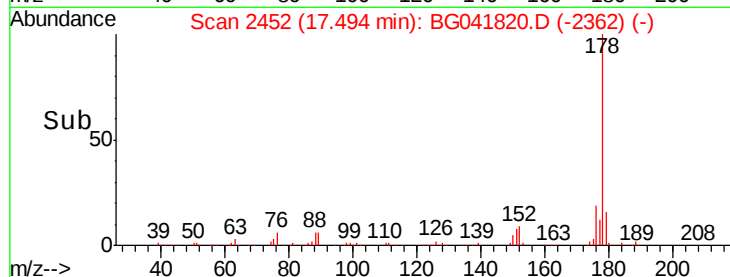
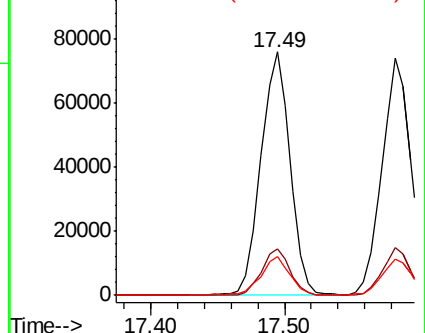
179 15.8 15.4 23.0



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: 3.315 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

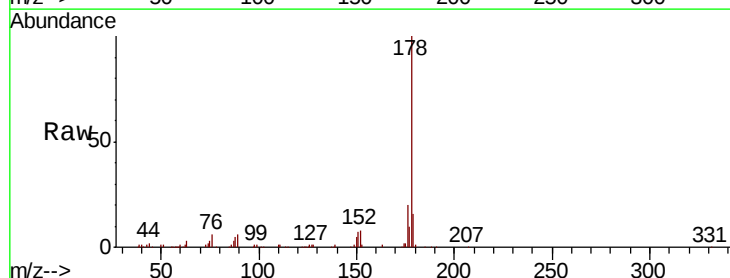
Tgt Ion:178 Resp: 112784

Ion Ratio Lower Upper

178 100

176 20.0 18.6 28.0

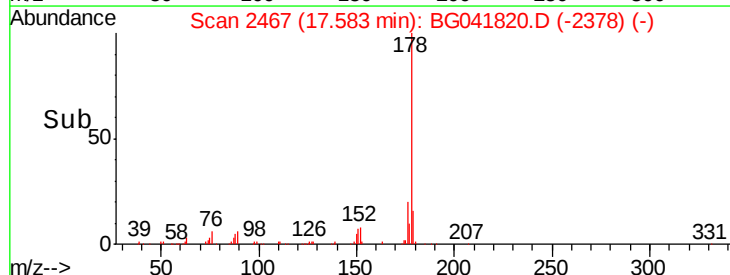
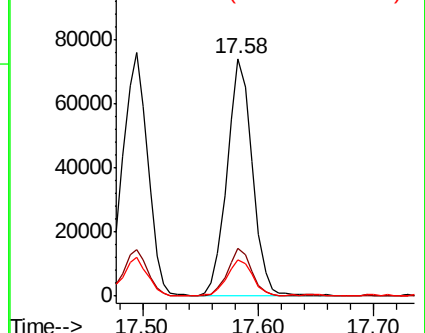
179 15.5 15.1 22.7

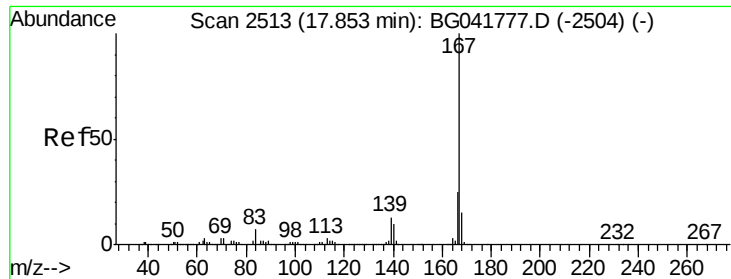


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

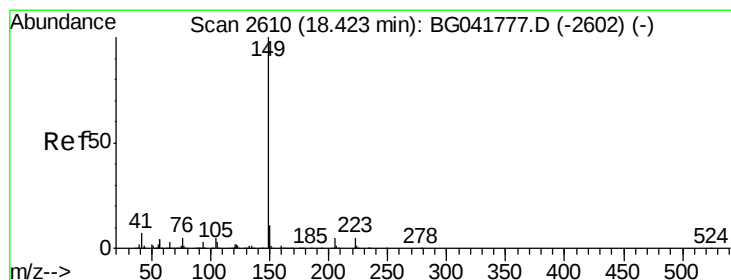
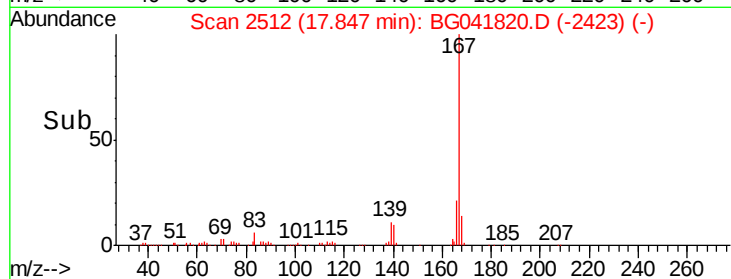
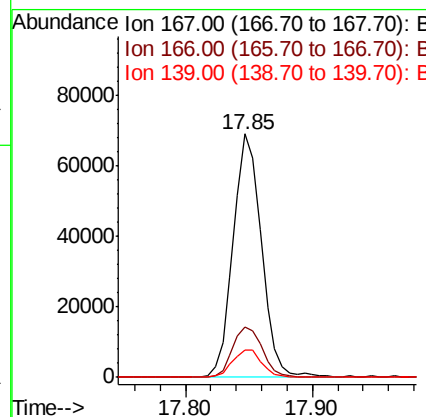
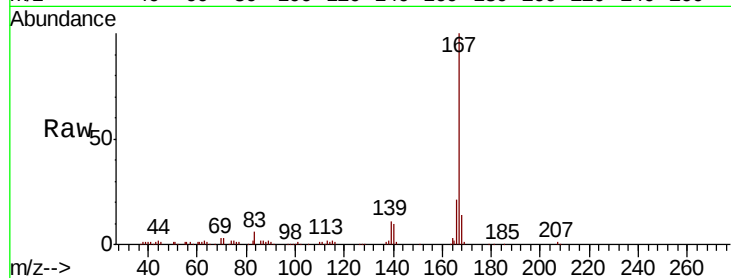




#73
 Carbazole
 Concen: 3.501 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

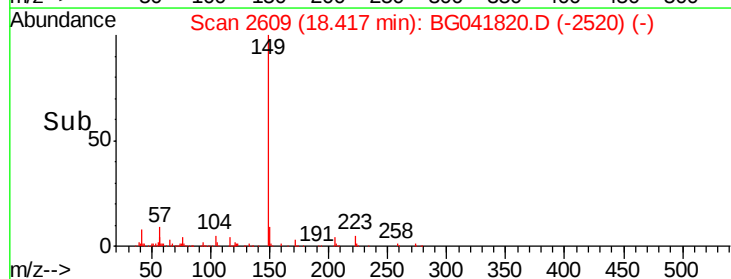
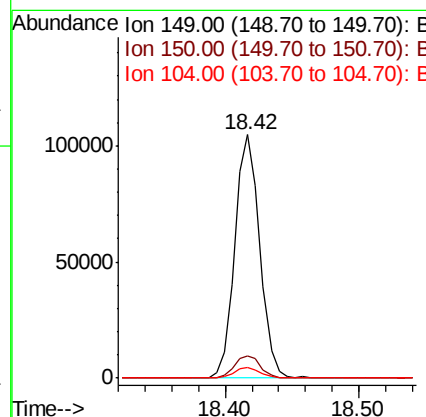
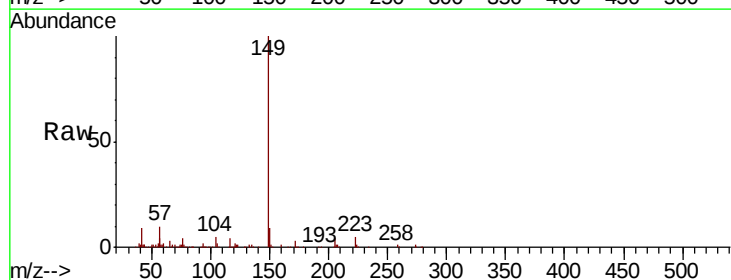
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

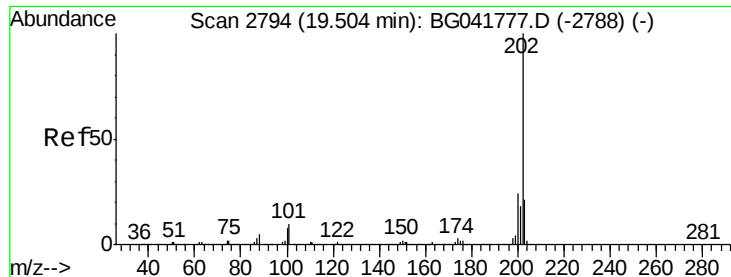
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	21.4	32.2#
139	11.3	12.1	18.1#



#74
 Di-n-butylphthalate
 Concen: 3.947 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041820.D
 Acq: 31 Jul 2019 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	10.2	15.2#
104	4.6	5.3	7.9#





#75

Fluoranthene

Concen: 3.757 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

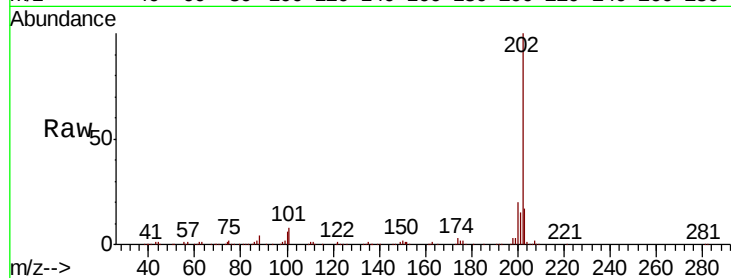
Tgt Ion:202 Resp: 155748

Ion Ratio Lower Upper

202 100

101 8.1 0.0 32.8

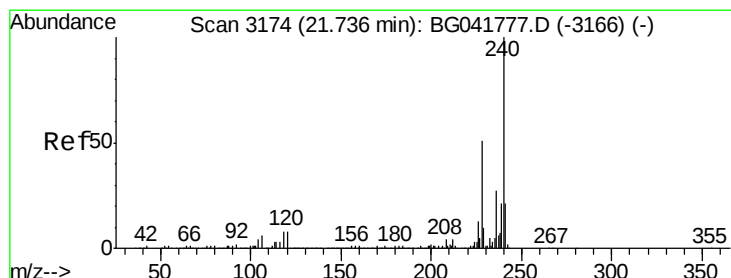
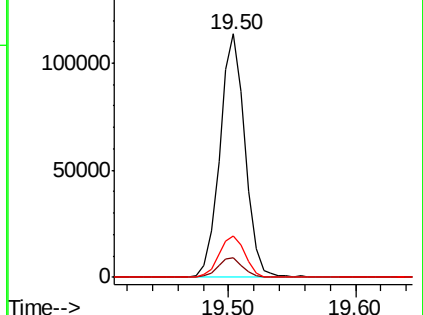
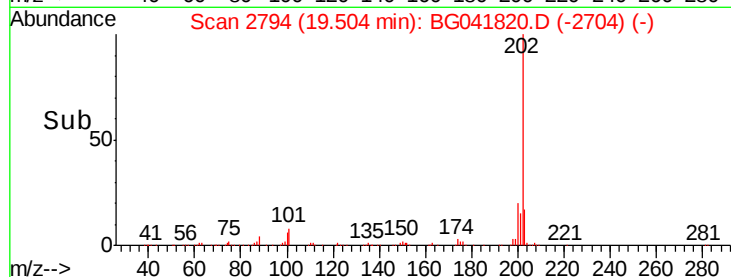
203 17.0 3.7 43.7



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. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

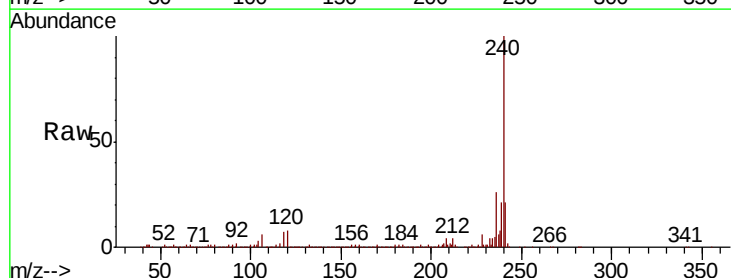
Tgt Ion:240 Resp: 712539

Ion Ratio Lower Upper

240 100

120 8.2 8.0 12.0

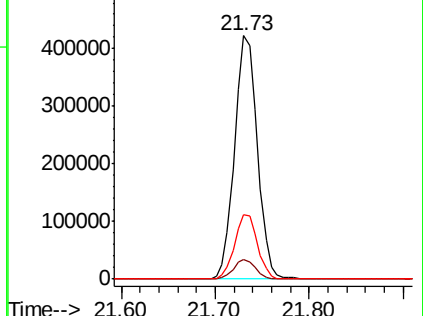
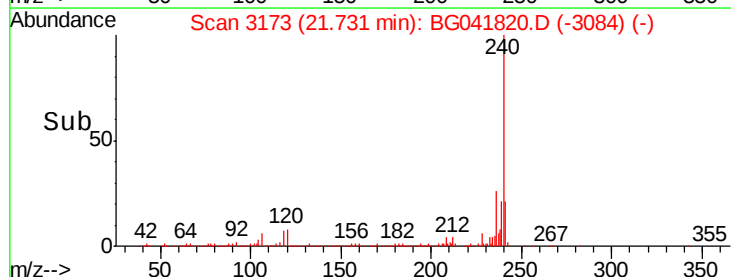
236 26.4 22.6 33.8

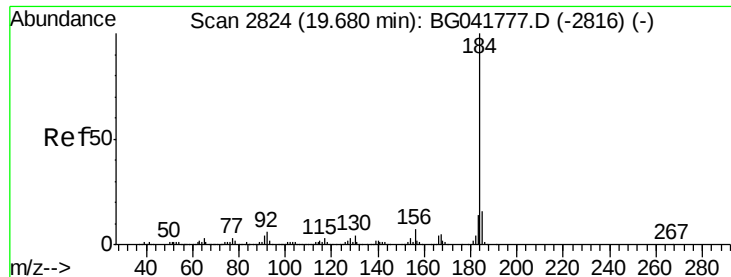


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.042 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.39 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampled :

TP-10

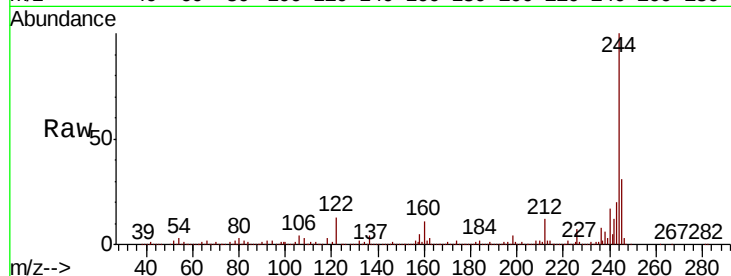
Tgt Ion:184 Resp: 47492

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

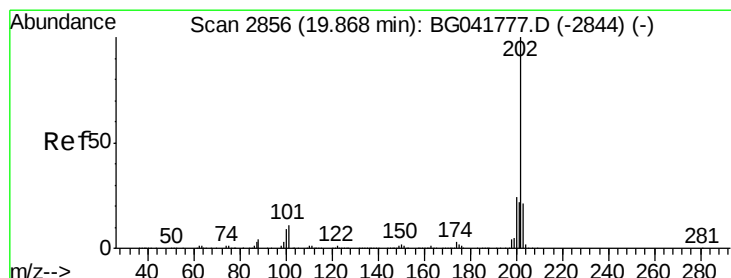
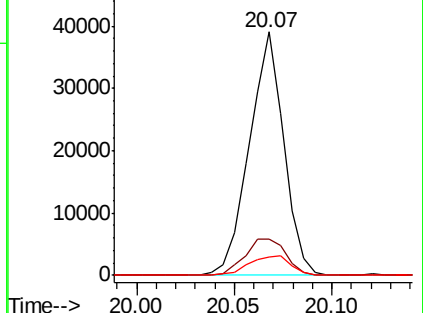
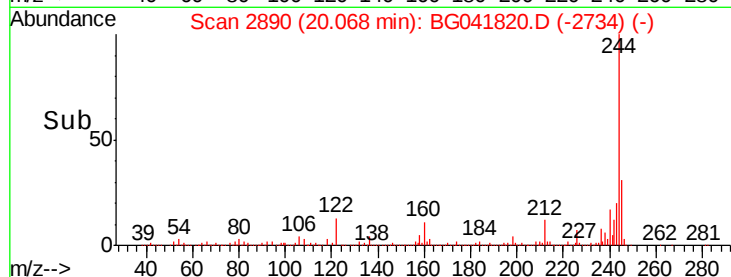
183 7.5 11.8 17.6#



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: 3.767 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

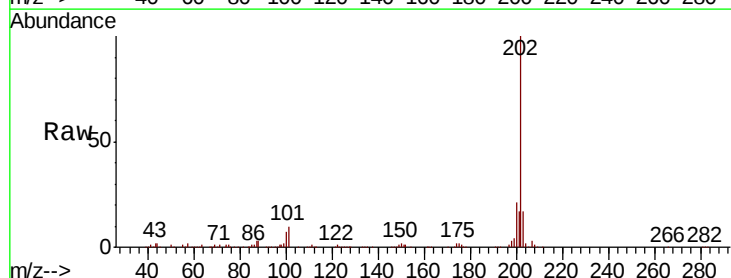
Tgt Ion:202 Resp: 159028

Ion Ratio Lower Upper

202 100

200 21.2 22.2 33.2#

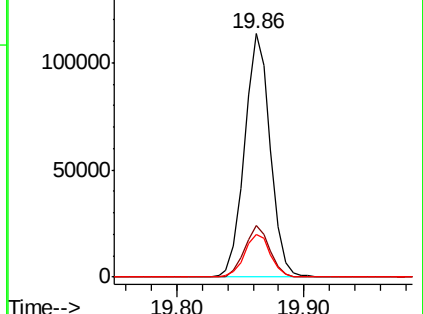
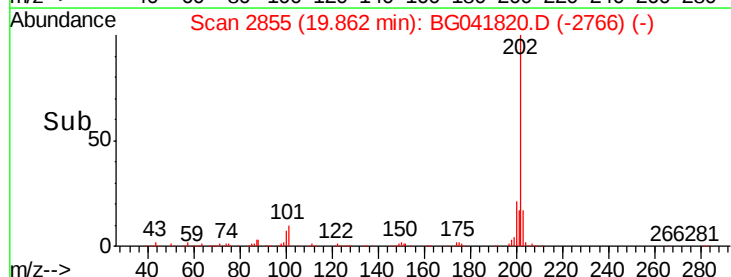
203 17.4 18.9 28.3#

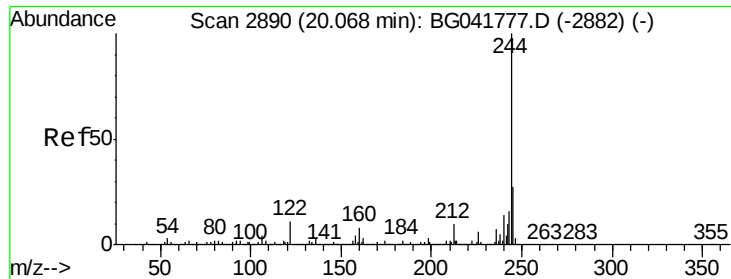


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.508 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampled :

TP-10

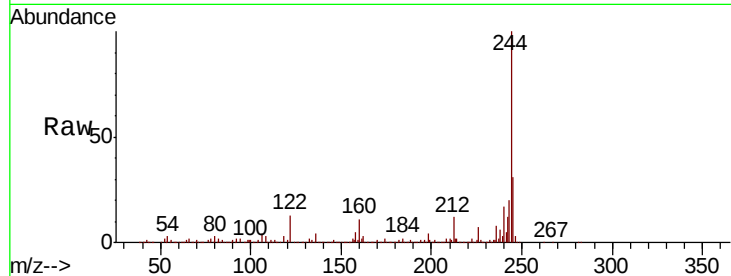
Tgt Ion:244 Resp: 2662631

Ion Ratio Lower Upper

244 100

212 11.6 9.7 14.5

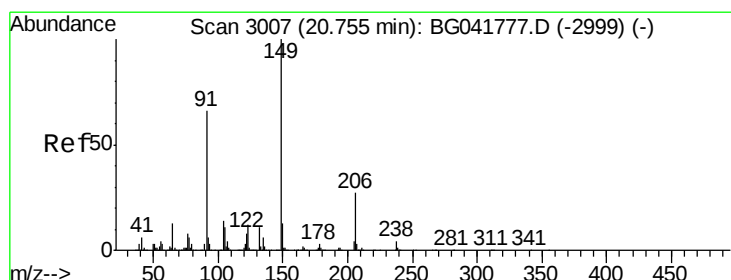
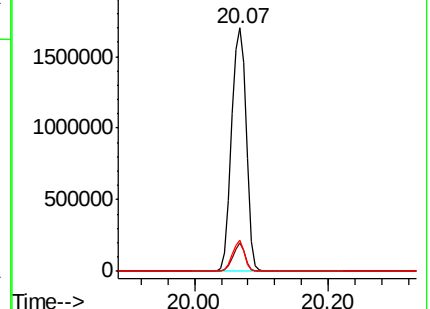
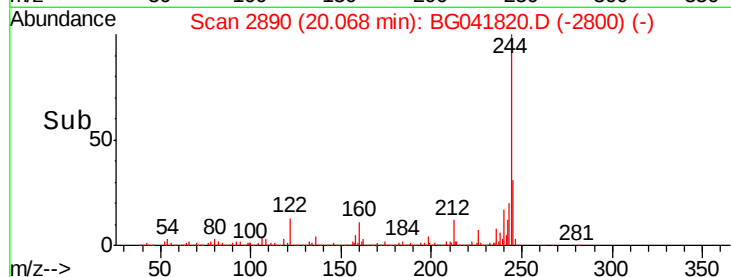
122 12.6 12.5 18.7



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: 3.014 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

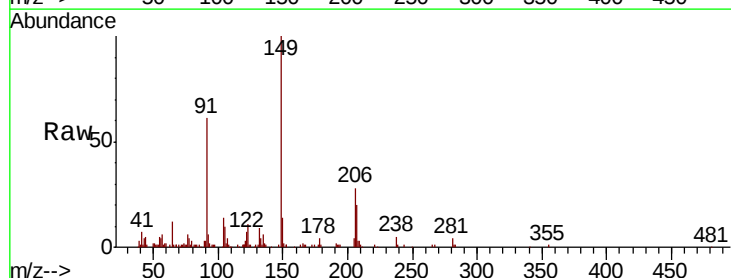
Tgt Ion:149 Resp: 48792

Ion Ratio Lower Upper

149 100

91 61.1 58.9 88.3

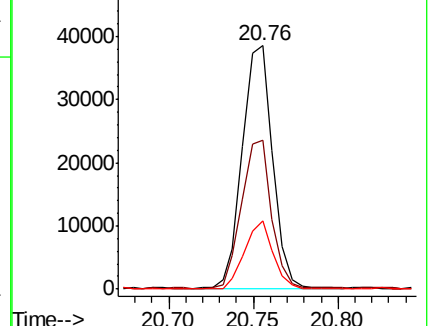
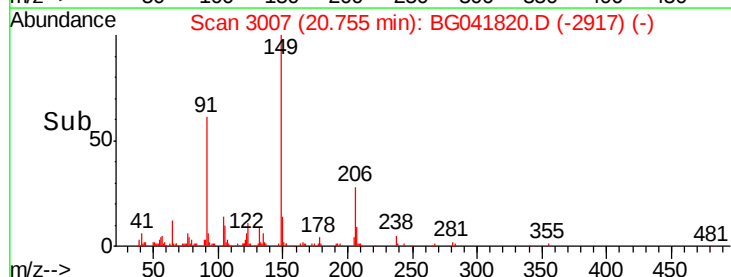
206 28.1 20.8 31.2

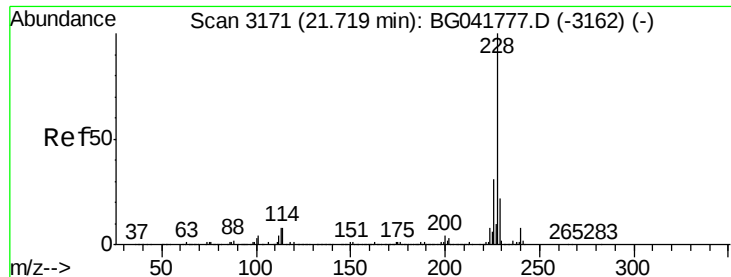


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.191 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.06 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

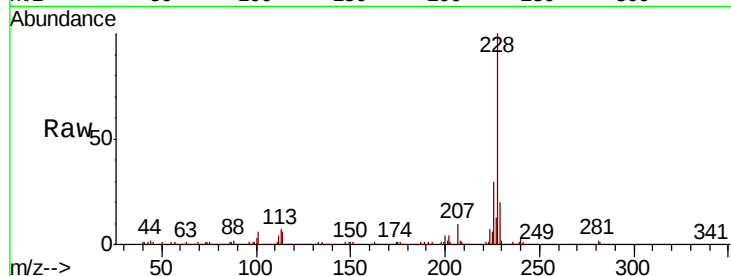
Tgt Ion:228 Resp: 134509

Ion Ratio Lower Upper

228 100

226 29.6 27.3 40.9

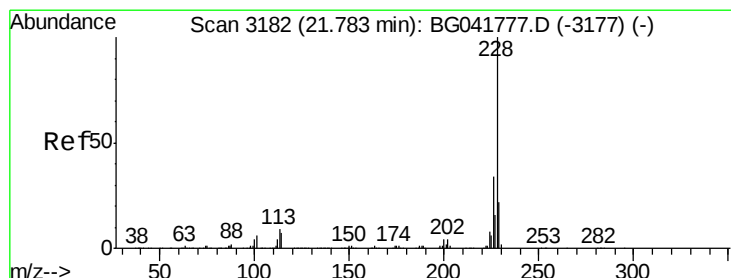
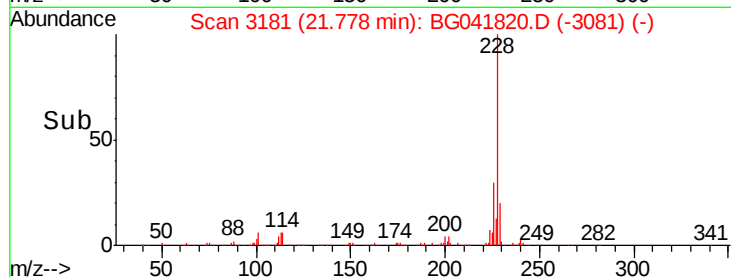
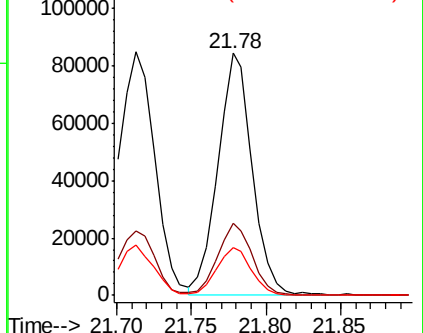
229 19.9 19.7 29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.329 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

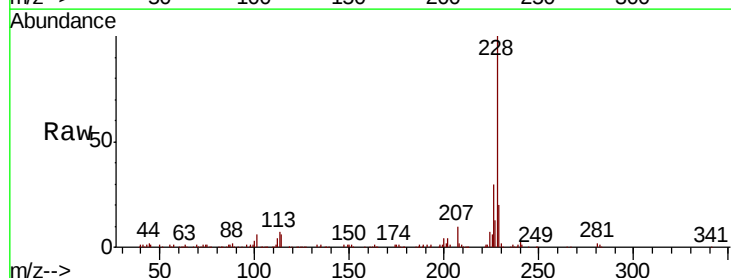
Tgt Ion:228 Resp: 134509

Ion Ratio Lower Upper

228 100

226 29.6 30.1 45.1#

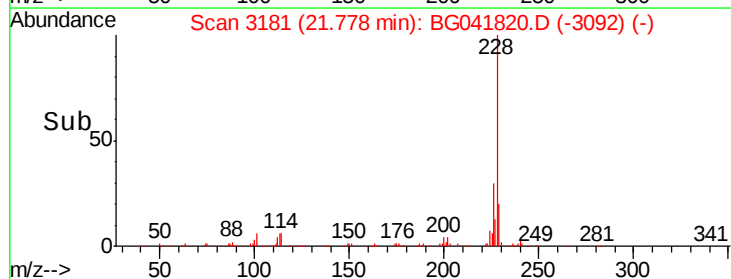
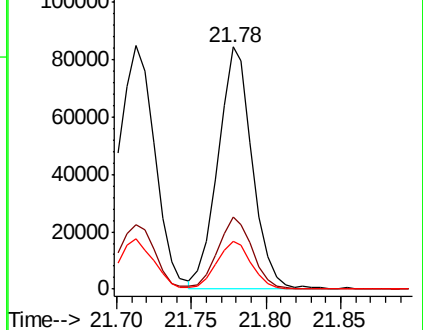
229 19.9 19.8 29.6

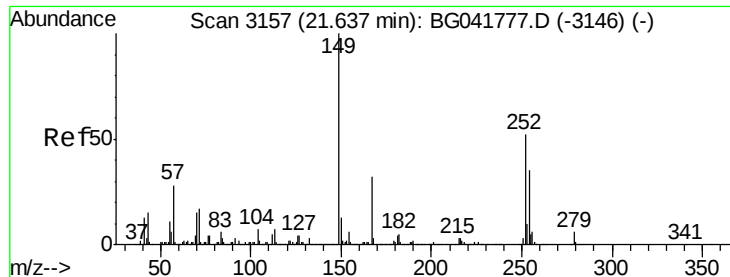


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.397 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

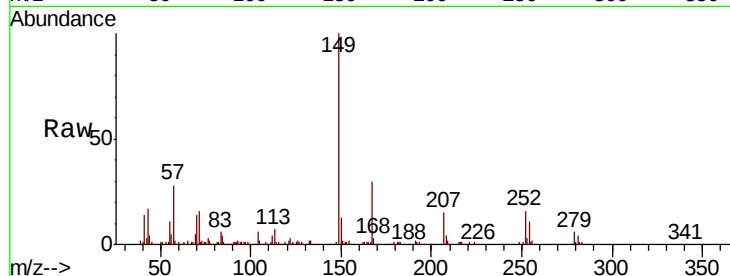
Tgt Ion:149 Resp: 75849

Ion Ratio Lower Upper

149 100

167 30.3 27.0 40.4

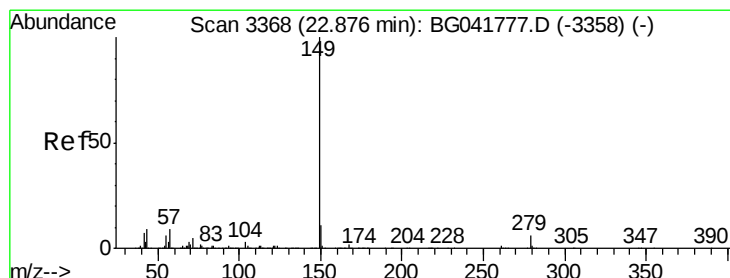
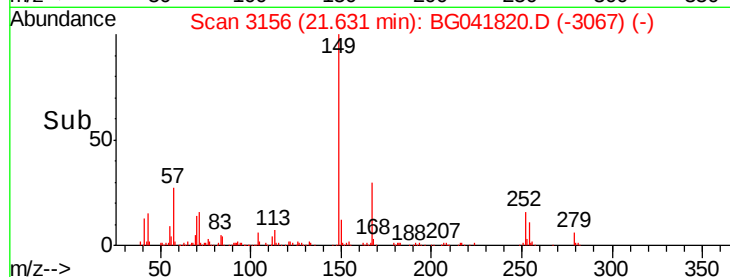
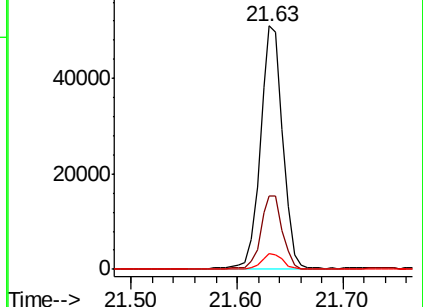
279 6.3 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 3.143 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

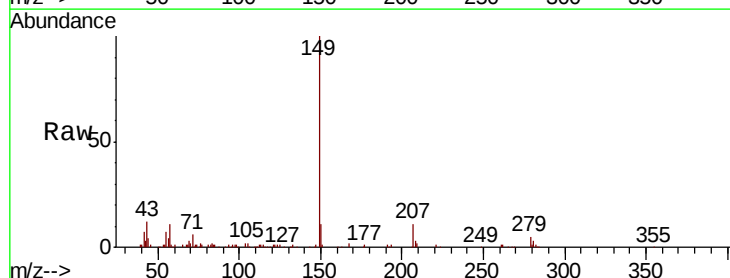
Tgt Ion:149 Resp: 118105

Ion Ratio Lower Upper

149 100

167 1.7 1.6 2.4

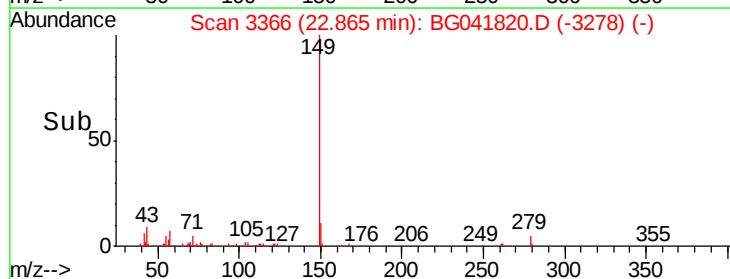
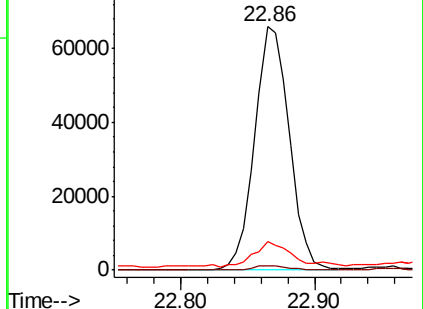
43 11.3 10.6 16.0

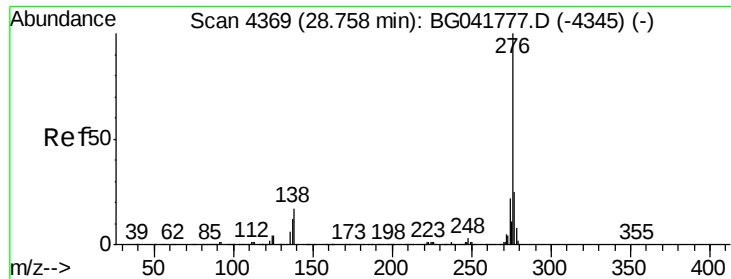


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.898 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.03 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

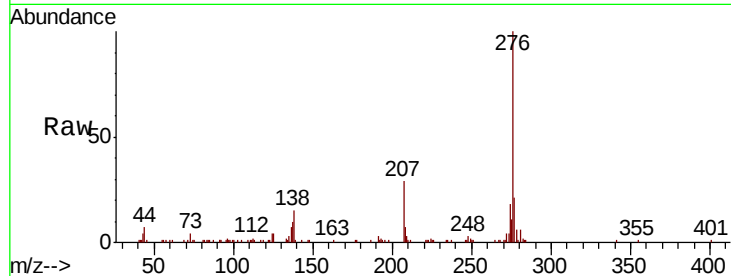
Tgt Ion:276 Resp: 155040

Ion Ratio Lower Upper

276 100

138 19.2 19.4 29.0#

277 22.4 21.2 31.8

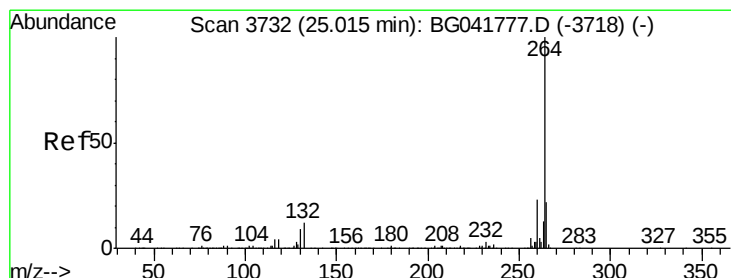
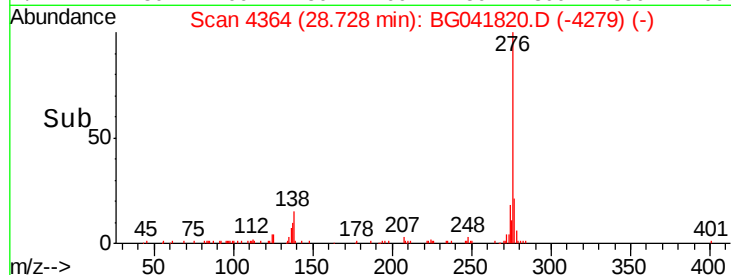
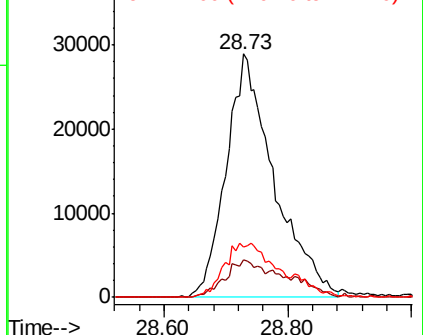


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

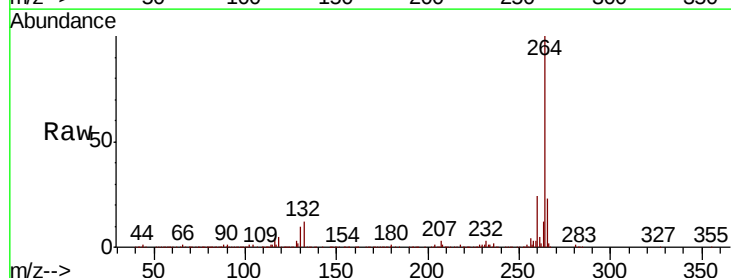
Tgt Ion:264 Resp: 837483

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.6 18.0 27.0

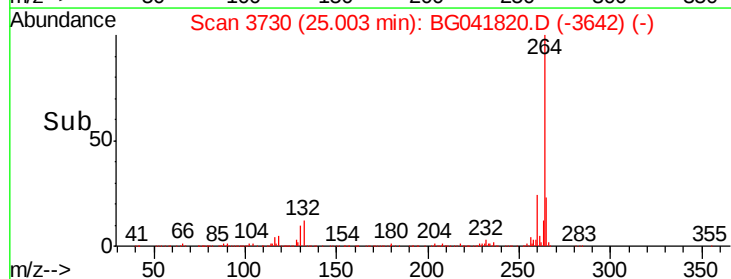
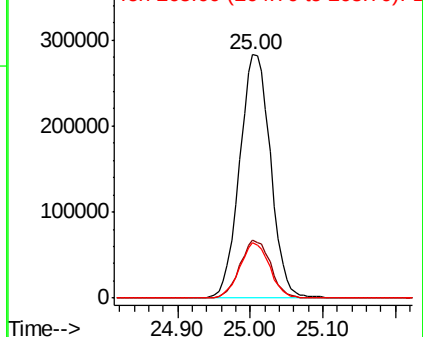


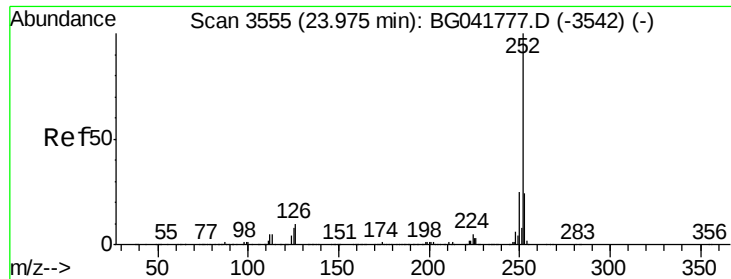
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.111 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

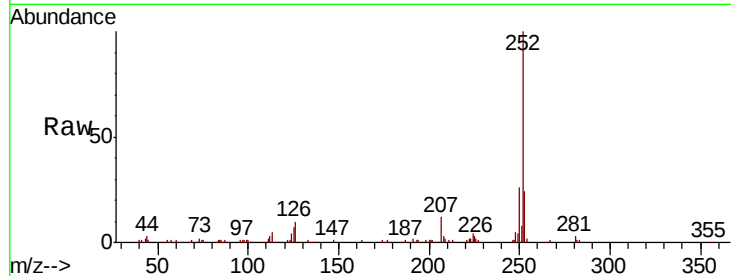
Instrument :

BNA_G

ClientSampleId :

TP-10

Tgt Ion:	252	Resp:	142528
Ion Ratio	Lower	Upper	
252	100		
253	24.1	20.6	30.8
125	6.7	8.0	12.0#

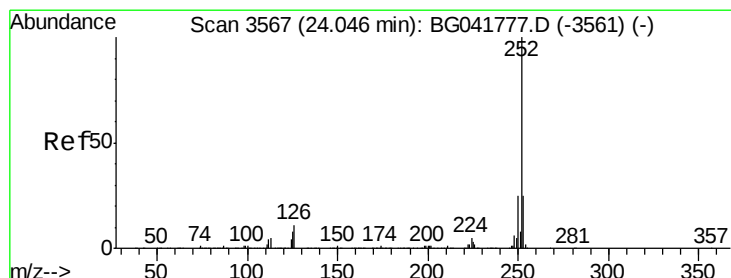
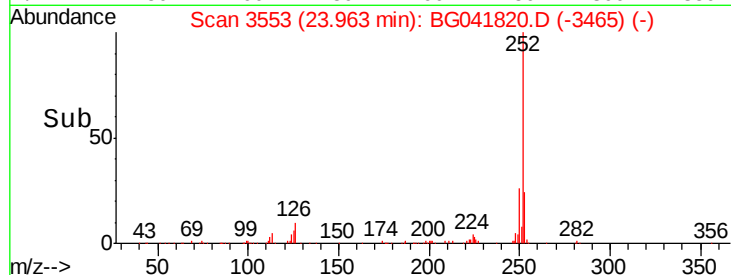
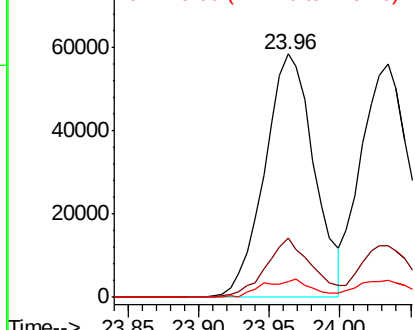


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 3.008 ng

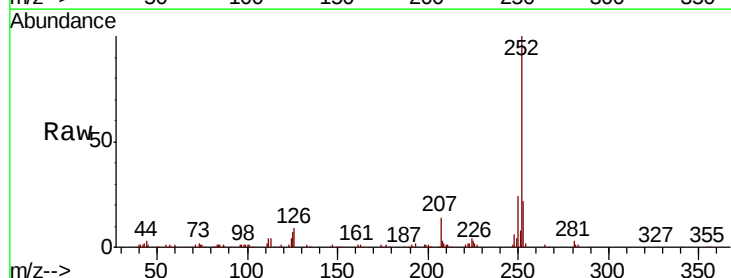
RT: 24.03 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Tgt Ion:	252	Resp:	134235
Ion Ratio	Lower	Upper	
252	100		
253	22.0	20.5	30.7
125	7.2	8.4	12.6#

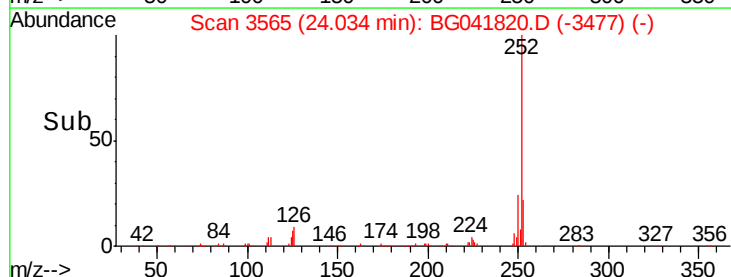
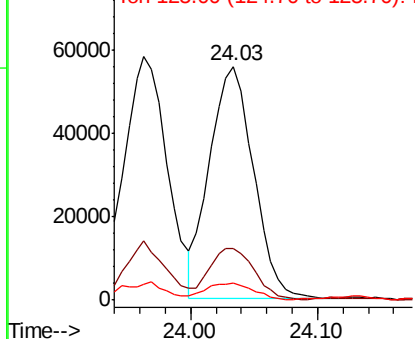


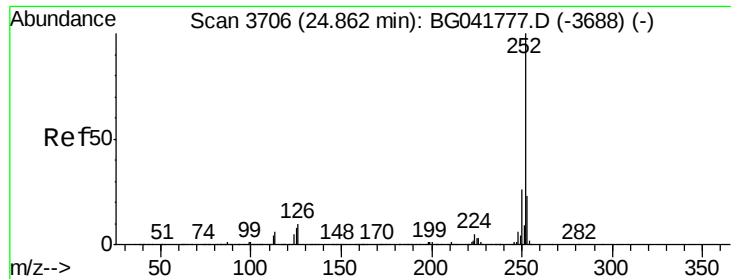
Abundance

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





#90

Benzo(a)pyrene

Concen: 3.047 ng

RT: 24.84 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA_G

ClientSampleId :

TP-10

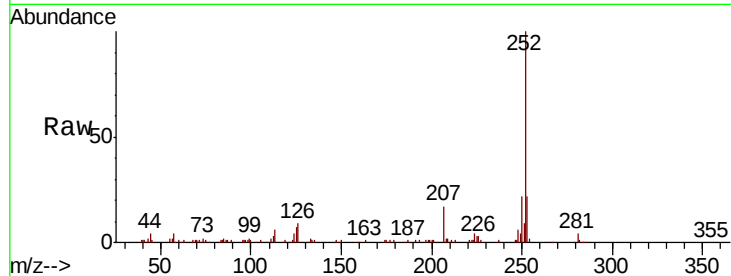
Tgt Ion:252 Resp: 133869

Ion Ratio Lower Upper

252 100

253 21.6 19.8 29.8

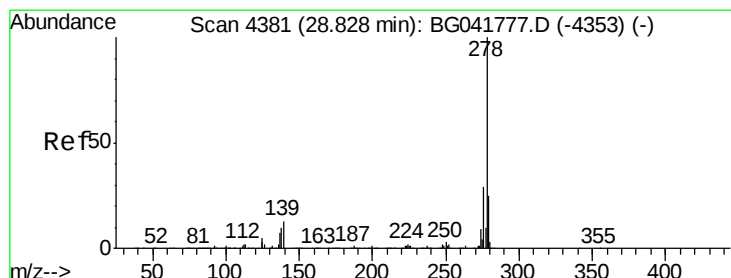
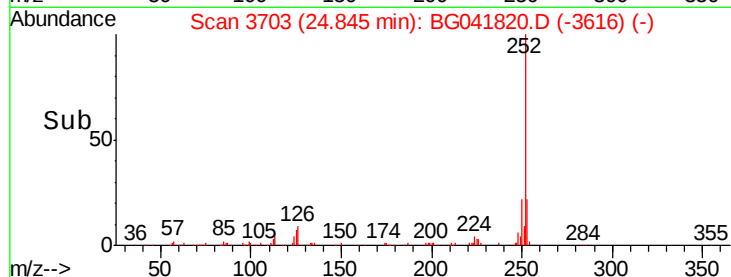
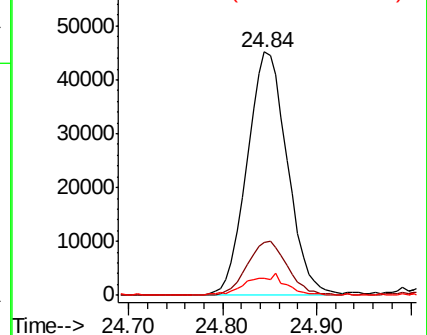
125 7.1 8.8 13.2#



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: 2.938 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.03 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

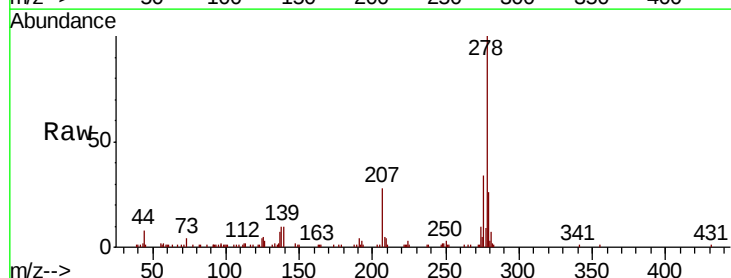
Tgt Ion:278 Resp: 126747

Ion Ratio Lower Upper

278 100

139 10.2 12.6 19.0#

279 25.6 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

