

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041058.D
 Acq On : 4 Jun 2019 13:09
 Operator : HP/JU
 Sample : K3110-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

Quant Time: Jun 05 05:21:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48784	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	184788	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	135254	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	344242	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	328004	20.00	ng	-0.01
87) Perylene-d12	25.10	264	346611	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	353986	130.84	ng	0.00
7) Phenol-d6	7.27	99	520175	124.50	ng	0.00
23) Nitrobenzene-d5	9.29	82	351056	84.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	279246	139.07	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	787735	83.87	ng	-0.01
79) Terphenyl-d14	20.09	244	1287995	83.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37163	30.272	ng	95
3) Pyridine	3.92	79	83088	22.873	ng	99
4) n-Nitrosodimethylamine	3.85	42	58855	34.910	ng	94
6) Aniline	7.44	93	88532	15.874	ng	94
8) 2-Chlorophenol	7.68	128	117803	36.524	ng	99
9) Benzaldehyde	7.25	77	56063	22.493	ng	# 82
10) Phenol	7.29	94	162356	36.241	ng	94
11) bis(2-Chloroethyl)ether	7.53	93	109087	33.566	ng	98
12) 1,3-Dichlorobenzene	8.00	146	127622	33.129	ng	97
13) 1,4-Dichlorobenzene	8.15	146	126450	32.429	ng	95
14) 1,2-Dichlorobenzene	8.47	146	124736	32.946	ng	97
15) Benzyl Alcohol	8.35	79	133438	34.525	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	169034	31.830	ng	98
17) 2-Methylphenol	8.55	107	112677	34.738	ng	99
18) Hexachloroethane	9.20	117	49322	32.819	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	102917	32.008	ng	99
20) 3+4-Methylphenols	8.88	107	152206	33.876	ng	97
22) Acetophenone	8.95	105	197722	38.144	ng	99
24) Nitrobenzene	9.33	77	158878	37.454	ng	97
25) Isophorone	9.85	82	299824	37.849	ng	99
26) 2-Nitrophenol	10.04	139	72469	41.441	ng	94
27) 2,4-Dimethylphenol	10.09	122	120397	41.686	ng	95
28) bis(2-Chloroethoxy)methane	10.33	93	157512	36.841	ng	96
29) 2,4-Dichlorophenol	10.57	162	140956	38.433	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	149861	35.919	ng	96
31) Naphthalene	10.98	128	364900	36.779	ng	99
32) Benzoic acid	10.18	122	29438	19.018	ng	88
33) 4-Chloroaniline	11.10	127	73227	15.907	ng	94
34) Hexachlorobutadiene	11.25	225	109118	34.181	ng	98
35) Caprolactam	11.89	113	44987	37.145	ng	# 81
36) 4-Chloro-3-methylphenol	12.20	107	161789	38.626	ng	97
37) 2-Methylnaphthalene	12.58	142	277739	36.347	ng	99
38) 1-Methylnaphthalene	12.80	142	263843	36.641	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	197741	36.273	ng	# 99

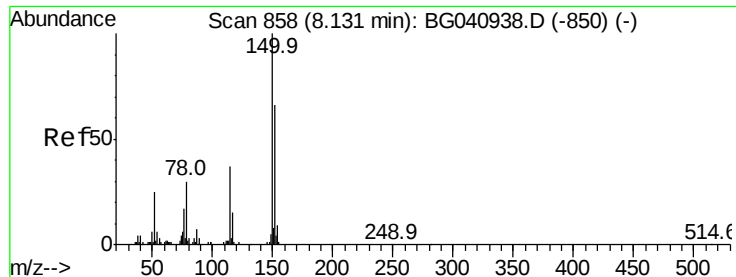
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	224432	76.938	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	133899	37.968	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	144966	38.977	nq	99
46) 1,1'-Biphenyl	13.58	154	373351	37.291	nq	99
47) 2-Chloronaphthalene	13.63	162	309366	35.994	nq	99
48) 2-Nitroaniline	13.84	65	113321	36.752	nq	97
49) Acenaphthylene	14.47	152	485389	37.523	nq	99
50) Dimethylphthalate	14.19	163	538941	47.072	nq	99
51) 2,6-Dinitrotoluene	14.33	165	92312	37.395	nq	98
52) Acenaphthene	14.81	154	280839	35.837	nq	96
53) 3-Nitroaniline	14.66	138	48406	19.610	nq	# 91
54) 2,4-Dinitrophenol	14.86	184	89640	72.684	nq	96
55) Dibenzofuran	15.14	168	485169	36.794	nq	99
56) 4-Nitrophenol	14.96	139	147547	87.143	nq	96
57) 2,4-Dinitrotoluene	15.11	165	132447	37.983	nq	# 98
58) Fluorene	15.79	166	385065	36.669	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147847	40.449	nq	98
60) Diethylphthalate	15.54	149	423605	36.254	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	243985	35.746	nq	95
62) 4-Nitroaniline	15.82	138	90340	34.569	nq	92
63) Azobenzene	16.07	77	380546	35.834	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	79470	43.961	nq	98
66) n-Nitrosodiphenylamine	15.99	169	358770	37.074	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	160499	34.548	nq	96
68) Hexachlorobenzene	16.78	284	163106	32.971	nq	94
69) Atrazine	16.93	200	154740	41.441	nq	97
70) Pentachlorophenol	17.13	266	196978	74.631	nq	98
71) Phenanthrene	17.53	178	653809	36.462	nq	99
72) Anthracene	17.62	178	676059	38.228	nq	100
73) Carbazole	17.89	167	581765	38.339	nq	99
74) Di-n-butylphthalate	18.42	149	683538	36.243	nq	98
75) Fluoranthene	19.53	202	810008	36.573	nq	100
77) Benzidine	19.72	184	132975	16.994	nq	95
78) Pyrene	19.90	202	814404	38.195	nq	98
80) Butylbenzylphthalate	20.76	149	298070	35.922	nq	99
81) Benzo(a)anthracene	21.75	228	774484	35.471	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	156880	20.428	nq	96
83) Chrysene	21.82	228	770347	36.869	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	415746	35.592	nq	99
85) Di-n-octyl phthalate	22.86	149	724999	37.267	nq	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	948718	37.067	nq	# 98
88) Benzo(b)fluoranthene	24.03	252	793316	37.735	nq	98
89) Benzo(k)fluoranthene	24.10	252	779167	37.453	nq	98
90) Benzo(a)pyrene	24.94	252	779274	38.852	nq	96
91) Dibenzo(a,h)anthracene	29.00	278	791583	39.497	nq	99
92) Benzo(g,h,i)perylene	30.16	276	791300	40.640	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

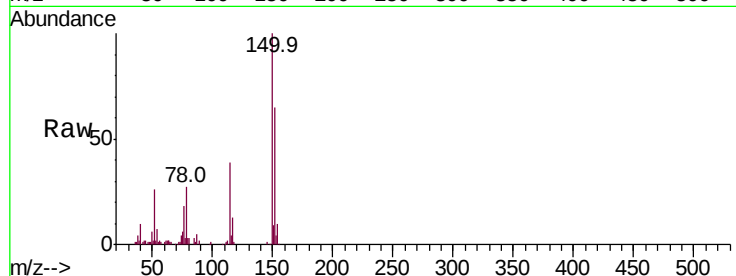
Tot Ion:152 Resp: 48784

Ion Ratio Lower Upper

152 100

150 153.3 120.6 180.8

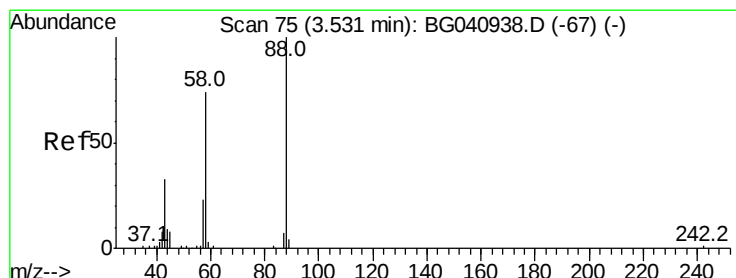
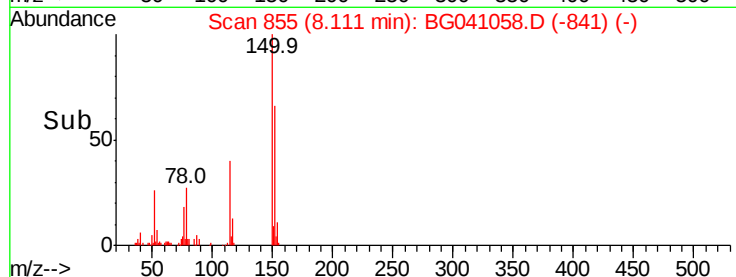
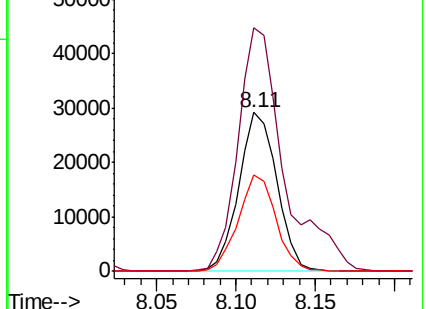
115 60.4 45.1 67.7



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: 30.272 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

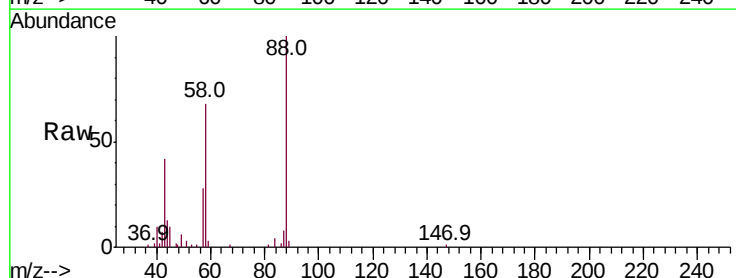
Tgt Ion: 88 Resp: 37163

Ion Ratio Lower Upper

88 100

58 76.0 59.0 88.6

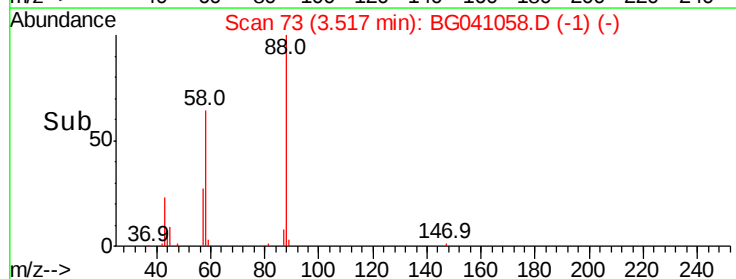
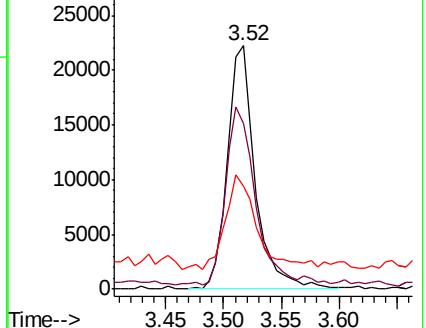
43 40.5 27.2 40.8

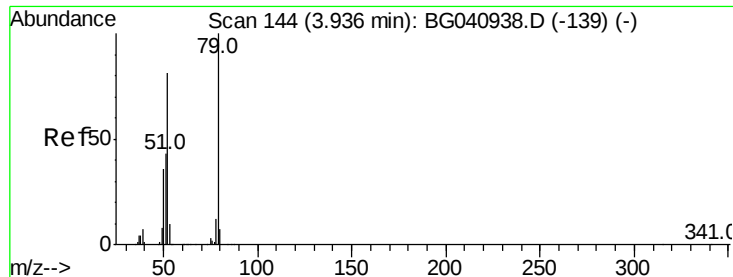


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.873 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

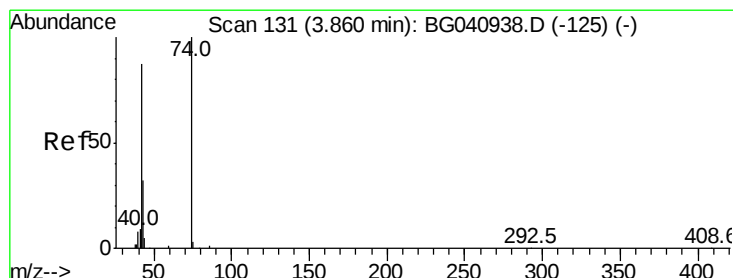
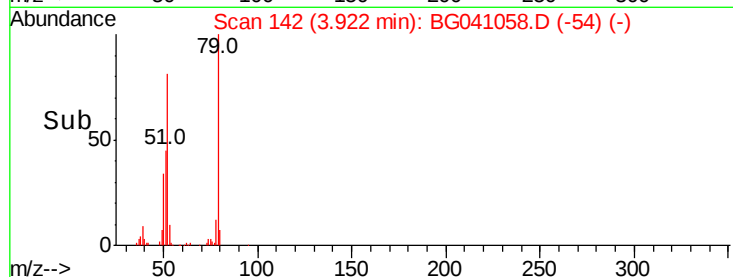
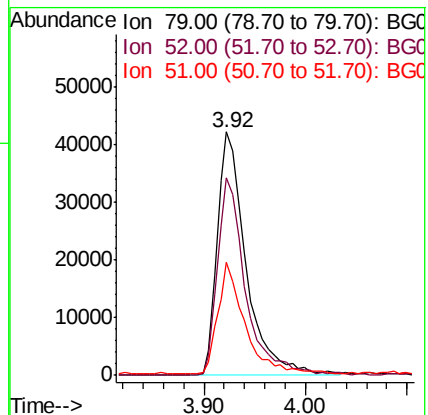
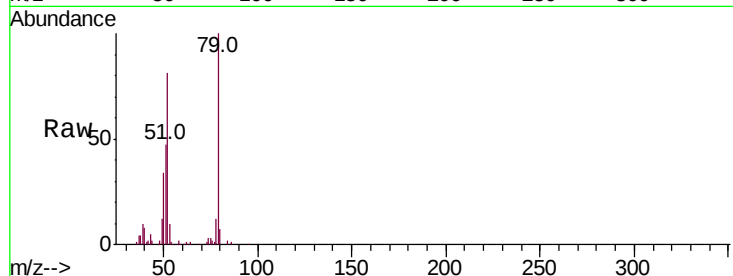
Tot Ion: 79 Resp: 83088

Ion Ratio Lower Upper

79 100

52 80.9 64.8 97.2

51 46.6 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 34.910 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

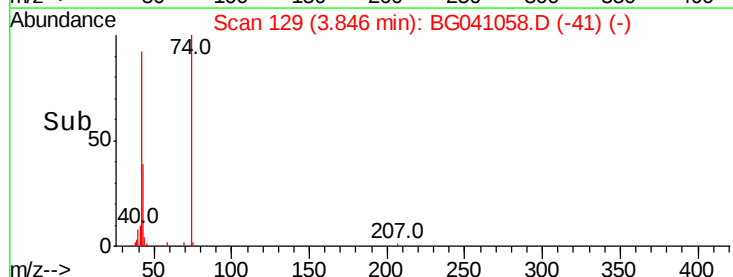
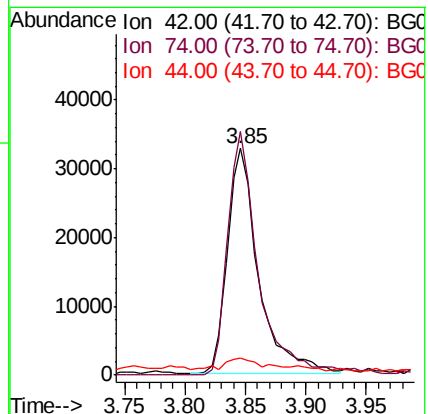
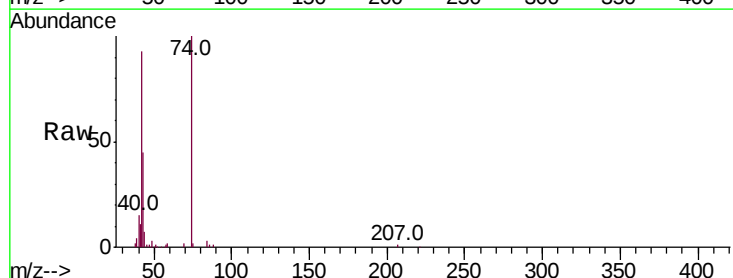
Tgt Ion: 42 Resp: 58855

Ion Ratio Lower Upper

42 100

74 107.5 91.8 137.6

44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 130.844 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

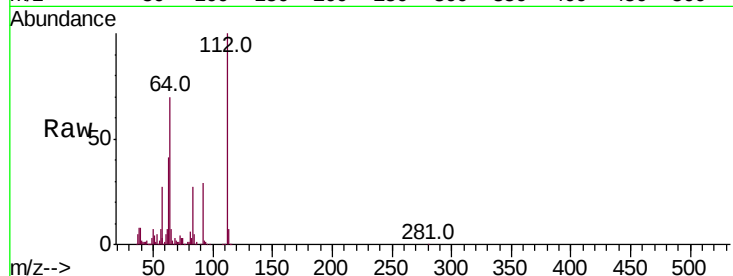
Tot Ion:112 Resp: 353986

Ion Ratio Lower Upper

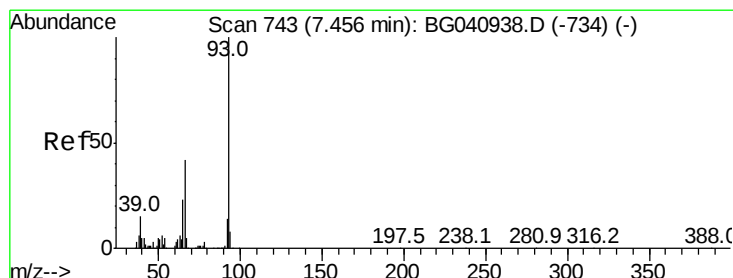
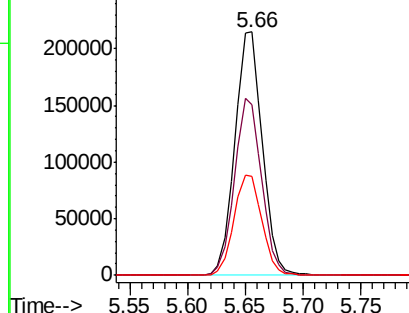
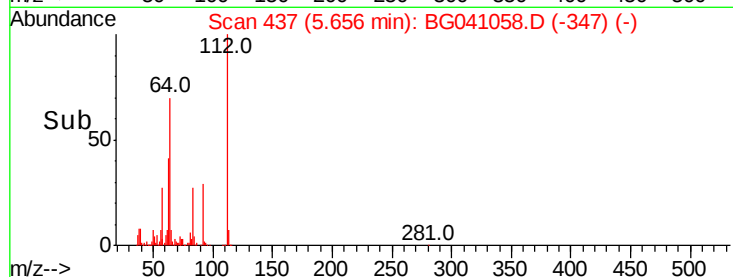
112 100

64 70.1 56.2 84.2

63 40.6 32.8 49.2



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



#6

Aniline

Concen: 15.874 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

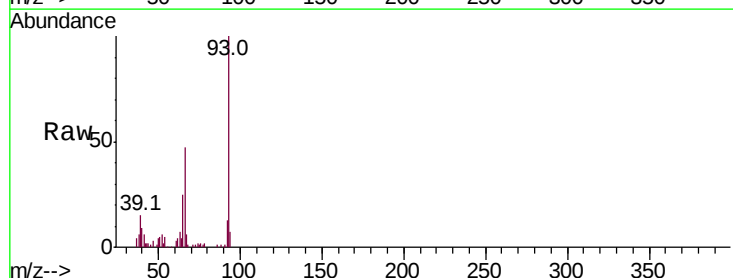
Tgt Ion: 93 Resp: 88532

Ion Ratio Lower Upper

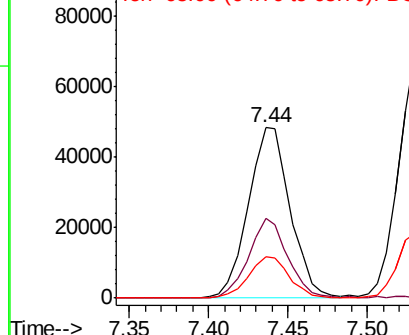
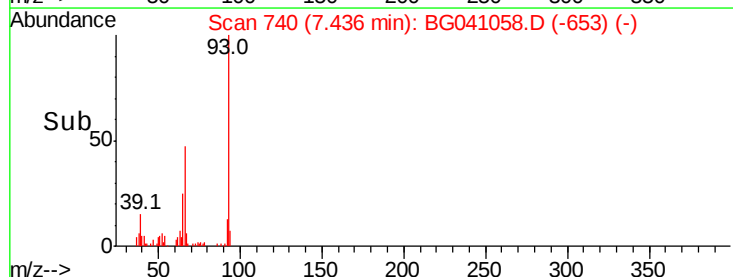
93 100

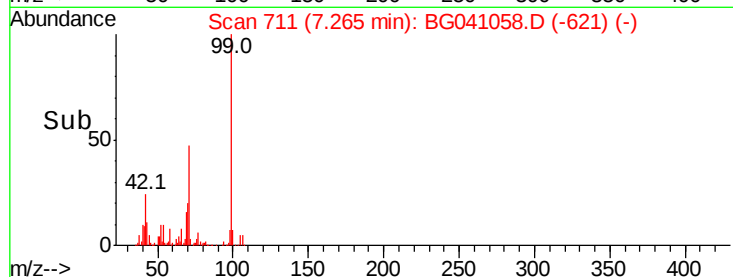
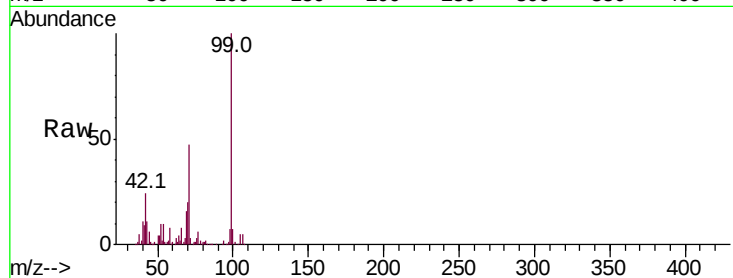
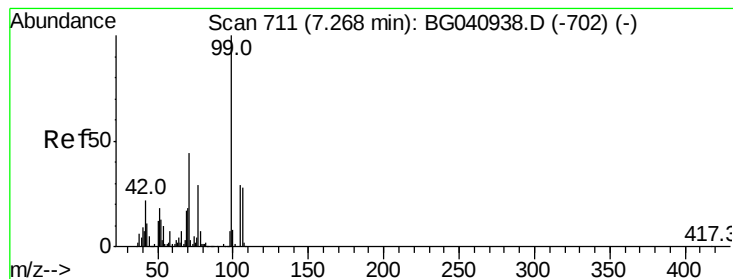
66 47.0 33.8 50.8

65 24.6 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.497 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

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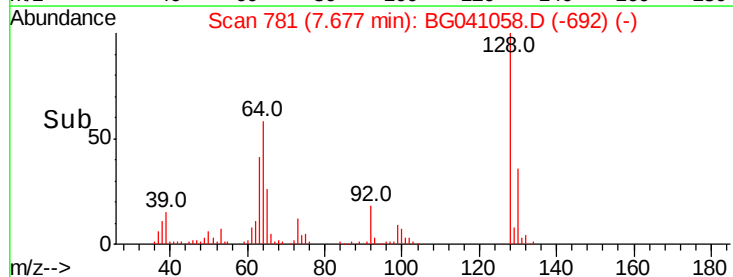
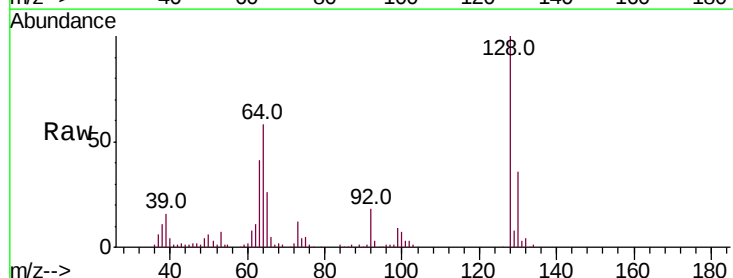
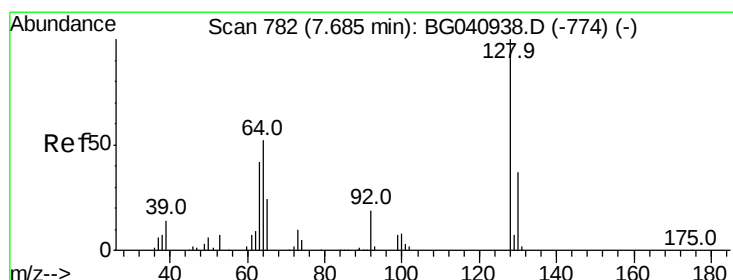
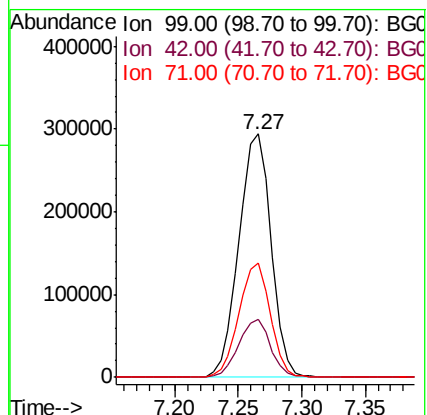
Tot Ion: 99 Resp: 520175

Ion Ratio Lower Upper

99 100

42 23.9 17.9 26.9

71 46.7 35.4 53.0



#8

2-Chlorophenol

Concen: 36.524 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

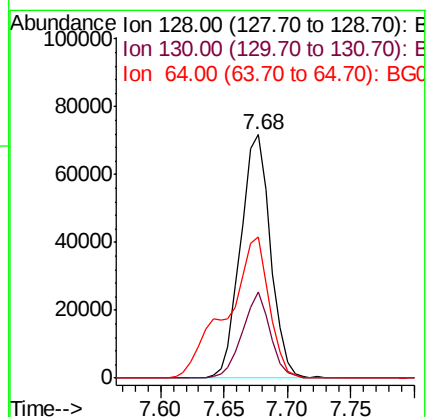
Tgt Ion:128 Resp: 117803

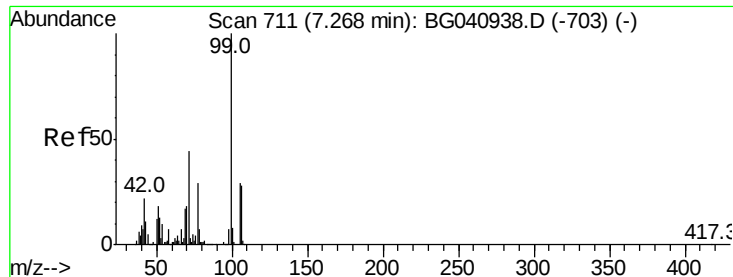
Ion Ratio Lower Upper

128 100

130 35.5 16.6 56.6

64 57.8 37.8 77.8





#9

Benzaldehyde

Concen: 22.493 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

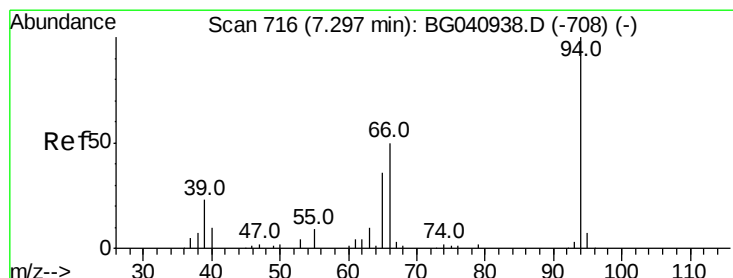
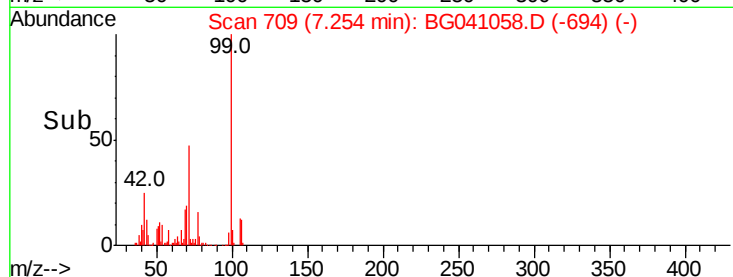
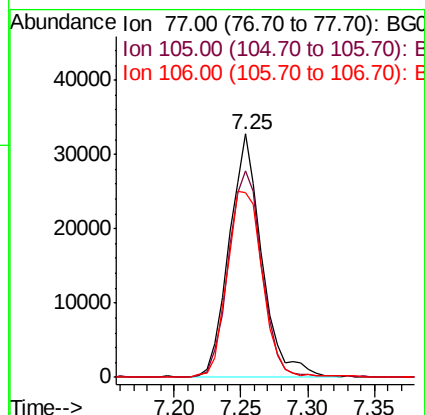
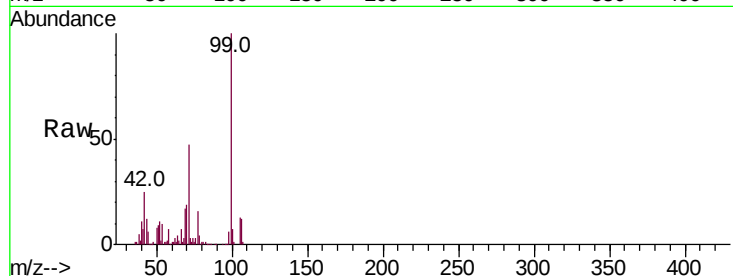
Tot Ion: 77 Resp: 56063

Ion Ratio Lower Upper

77 100

105 84.6 78.9 118.9

106 75.8 76.7 116.7#



#10

Phenol

Concen: 36.241 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

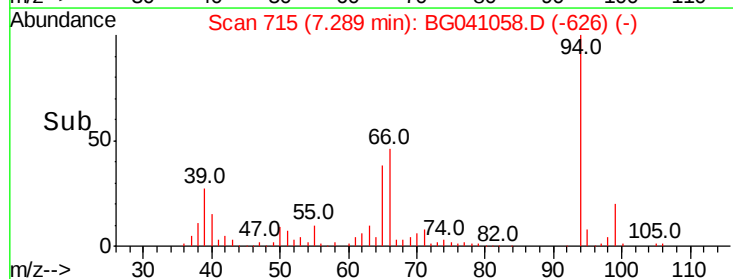
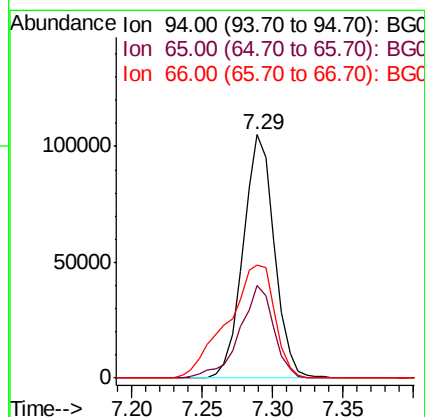
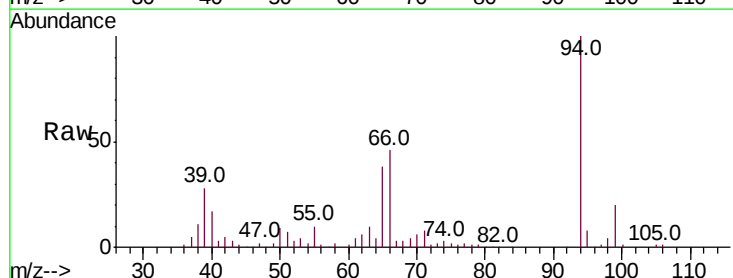
Tgt Ion: 94 Resp: 162356

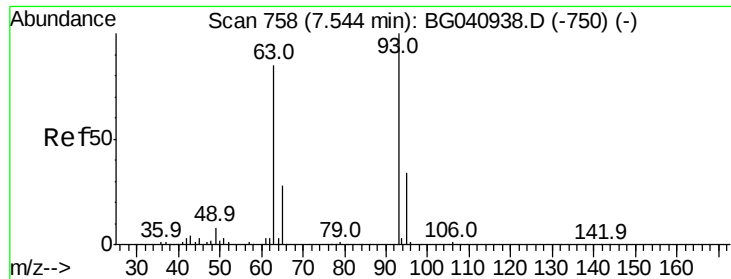
Ion Ratio Lower Upper

94 100

65 38.3 17.0 57.0

66 46.4 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 33.566 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

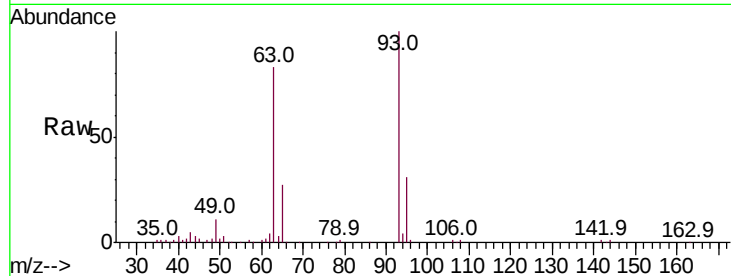
Tot Ion: 93 Resp: 109087

Ion Ratio Lower Upper

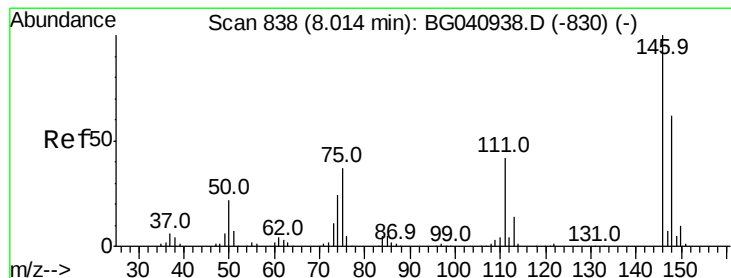
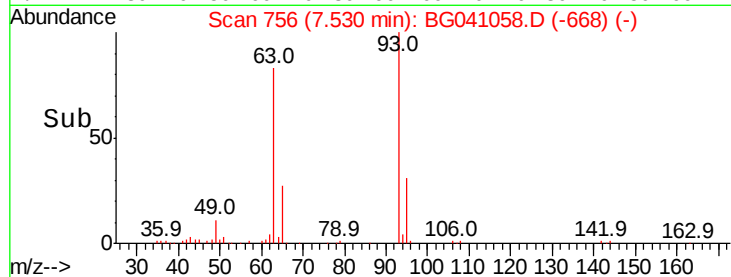
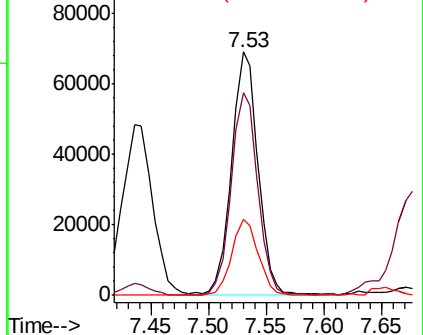
93 100

63 83.3 64.5 104.5

95 31.0 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 33.129 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

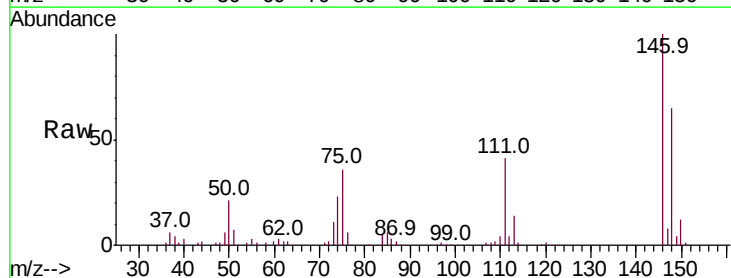
Tgt Ion: 146 Resp: 127622

Ion Ratio Lower Upper

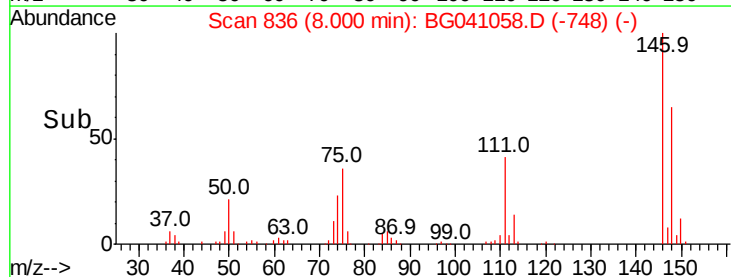
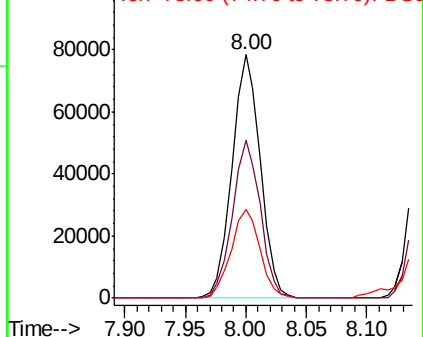
146 100

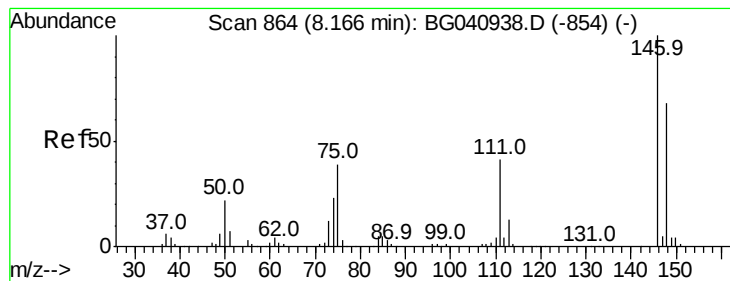
148 65.0 49.2 73.8

75 36.4 29.4 44.0



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: 32.429 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

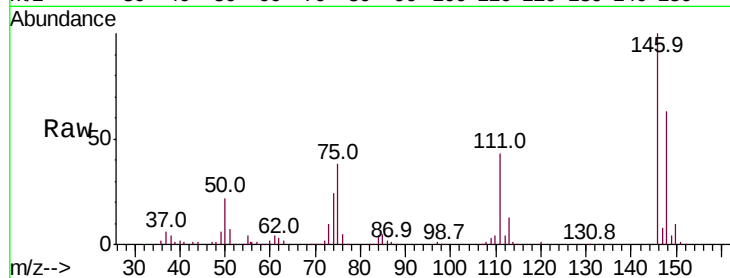
Tot Ion:146 Resp: 126450

Ion Ratio Lower Upper

146 100

148 62.7 54.2 81.4

111 42.6 32.9 49.3

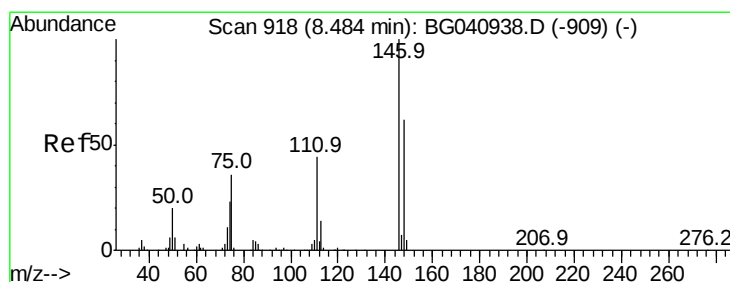
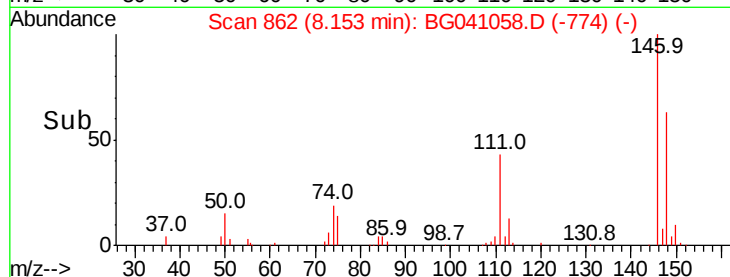
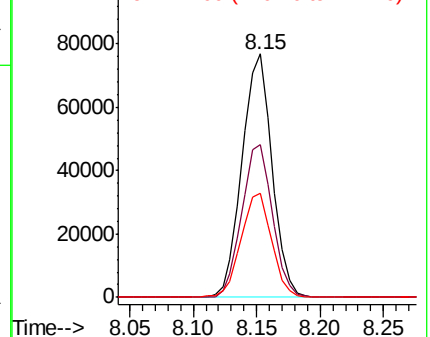


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.946 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

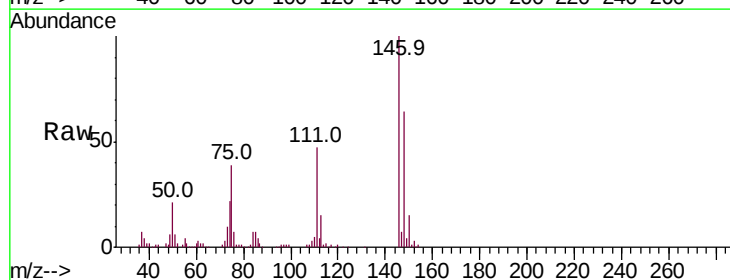
Tgt Ion:146 Resp: 124736

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

111 46.5 35.0 52.4

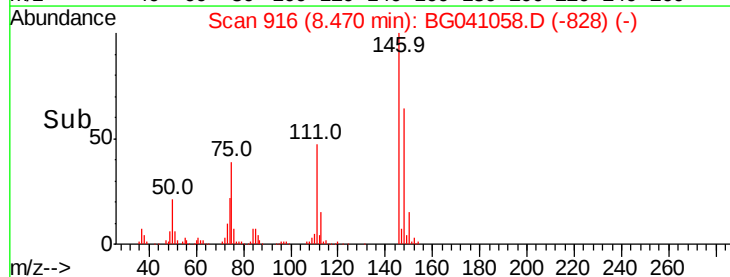
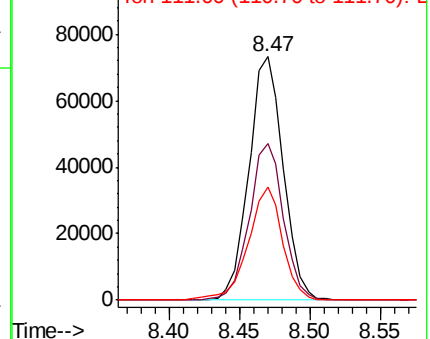


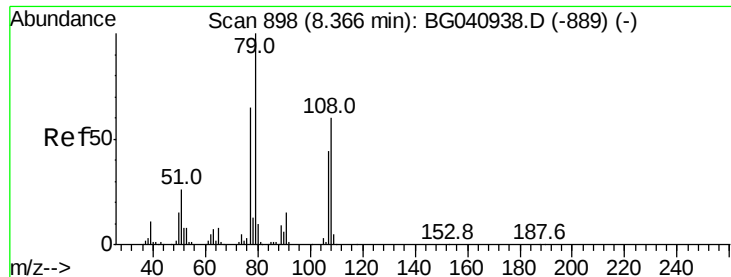
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.525 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

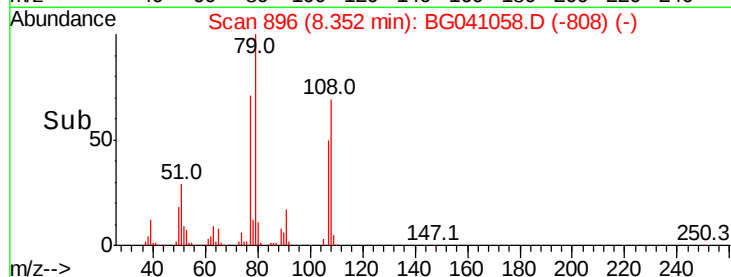
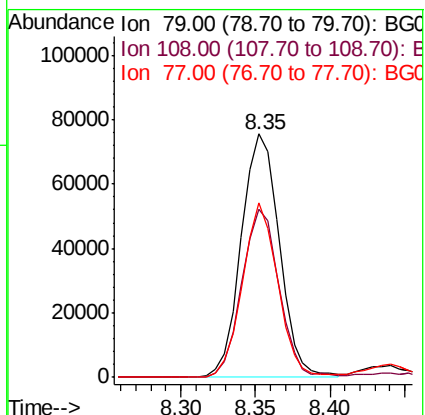
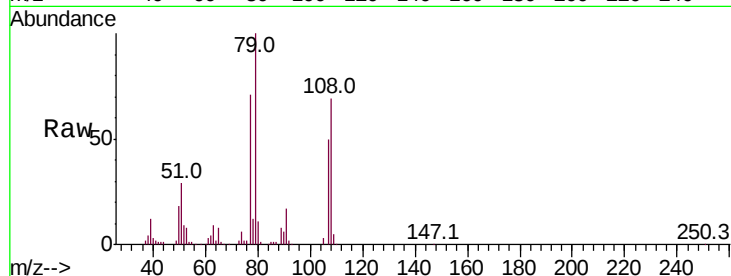
Tot Ion: 79 Resp: 133438

Ion Ratio Lower Upper

79 100

108 68.9 48.3 72.5

77 71.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.830 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

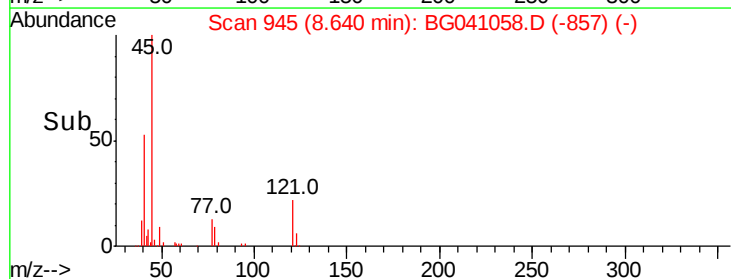
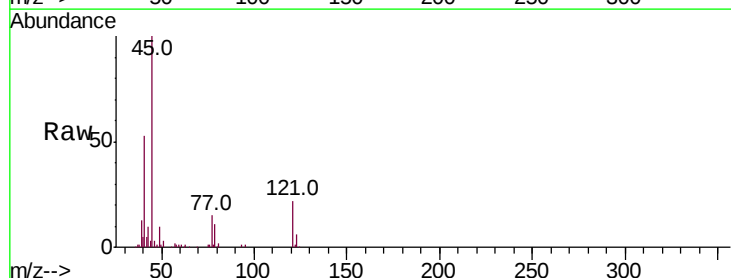
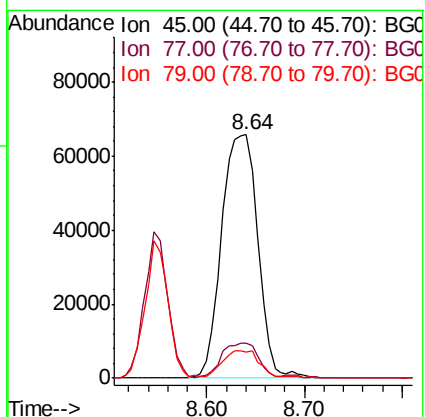
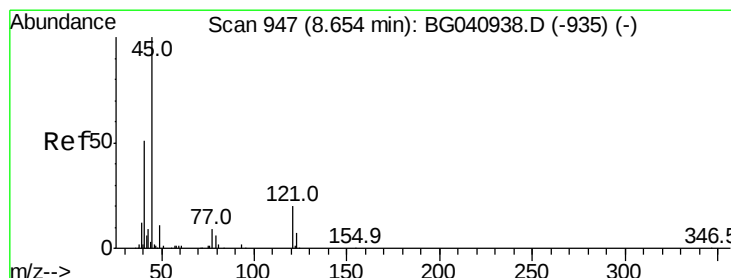
Tgt Ion: 45 Resp: 169034

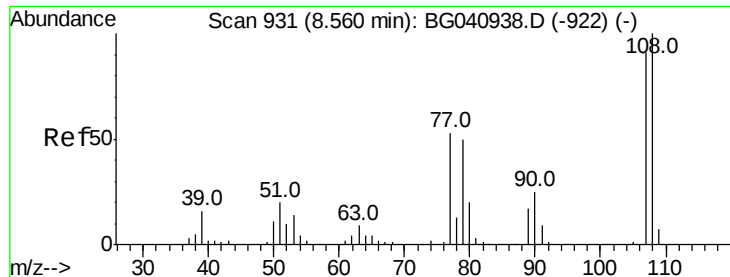
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.7

79 10.7 0.0 30.2

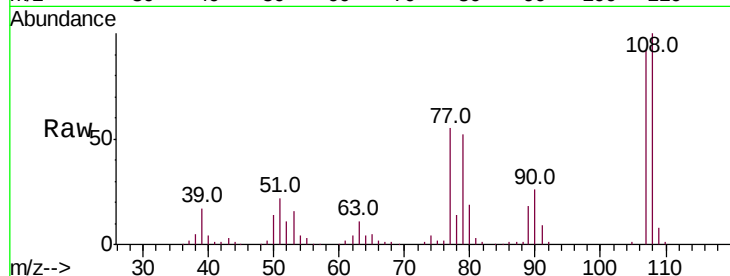




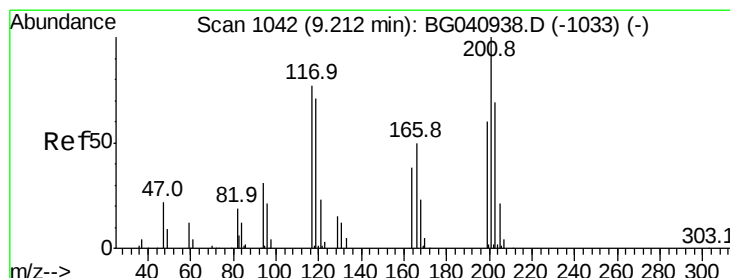
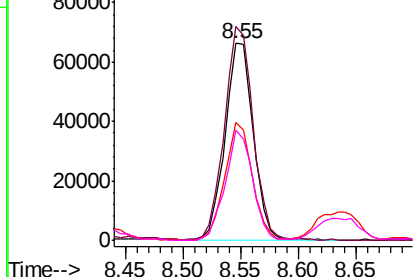
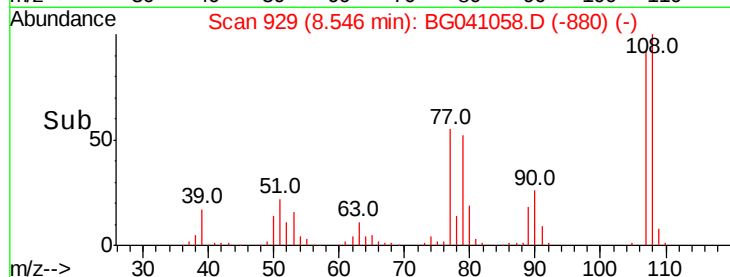
#17
2-Methylphenol
Concen: 34.738 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:	107	Resp:	112677
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.7	131.5
77	59.7	46.6	70.0
79	56.0	44.6	66.8

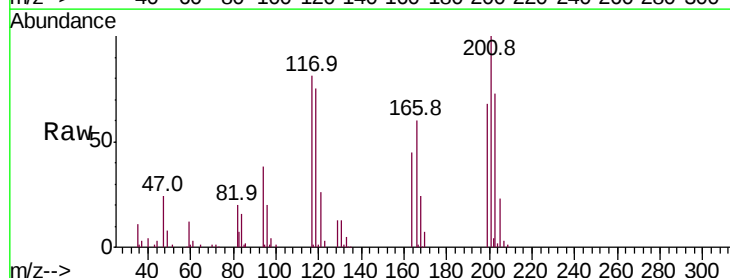


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

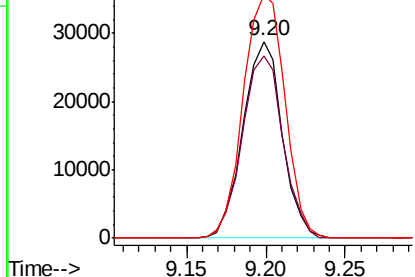
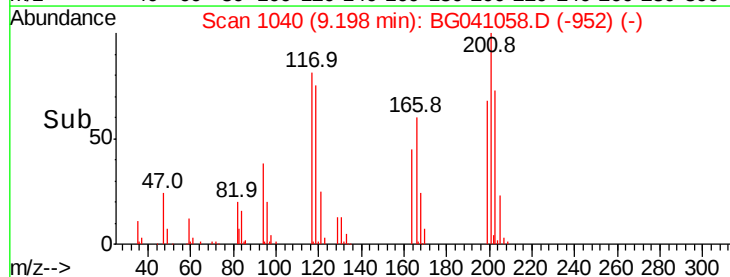


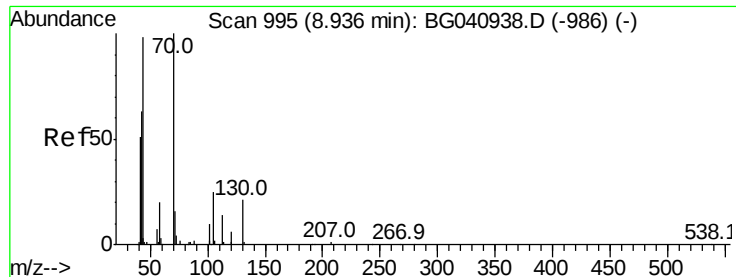
#18
Hexachloroethane
Concen: 32.819 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:	117	Resp:	49322
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.0	112.6
201	122.2	103.5	155.3



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

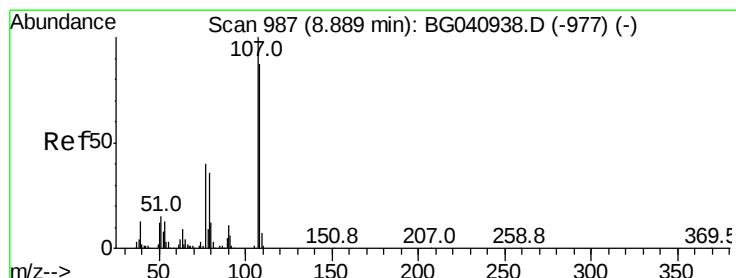
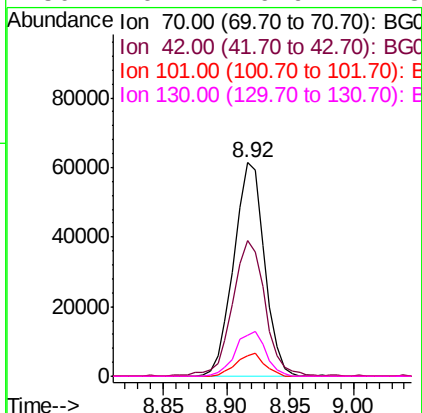
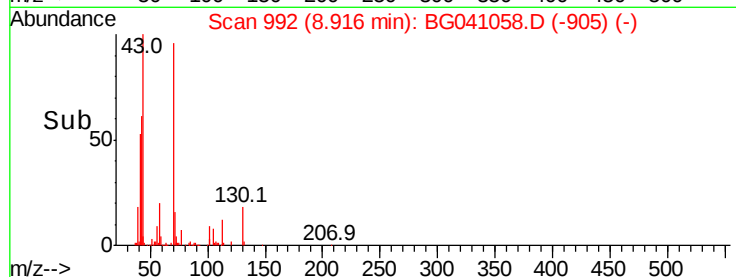
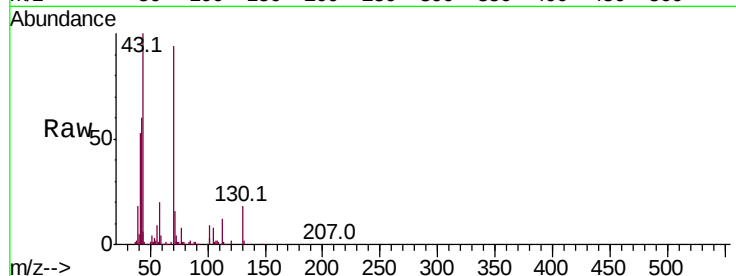




#19
n-Nitroso-di-n-propylamine
Concen: 32.008 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

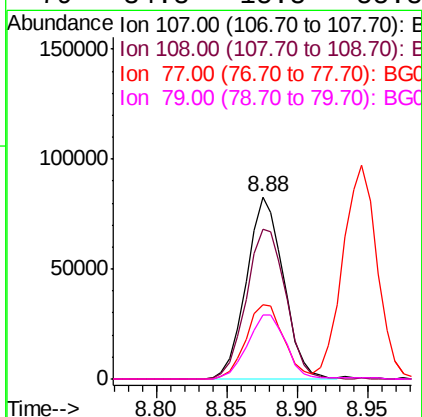
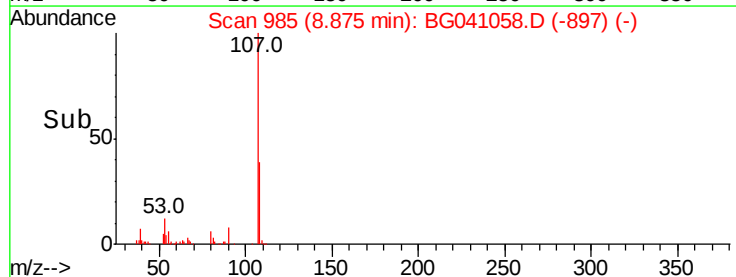
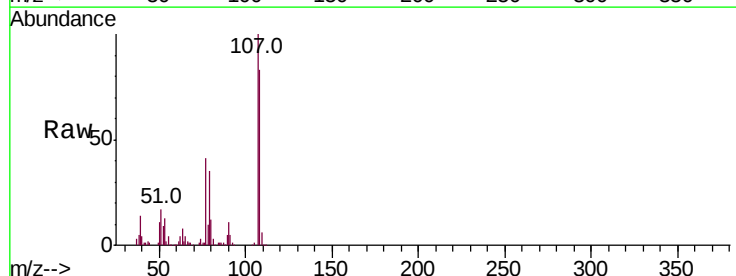
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

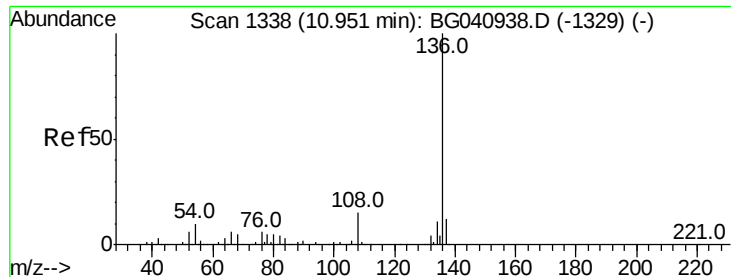
Tot Ion:	70	Resp:	102917
Ion	Ratio	Lower	Upper
70	100		
42	63.7	51.5	77.3
101	9.9	8.1	12.1
130	19.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 33.876 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:	107	Resp:	152206
Ion	Ratio	Lower	Upper
107	100		
108	82.5	66.8	106.8
77	40.5	20.5	60.5
79	34.8	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:136 Resp: 184788

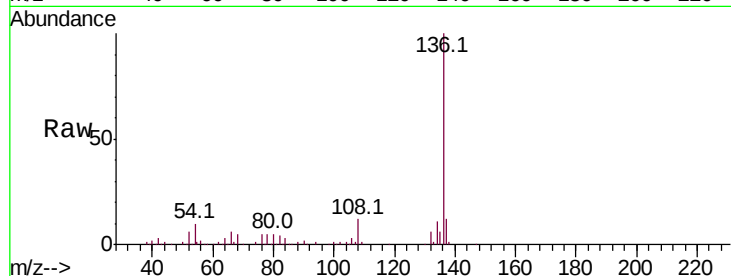
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 9.5 7.6 11.4

68 5.0 3.9 5.9

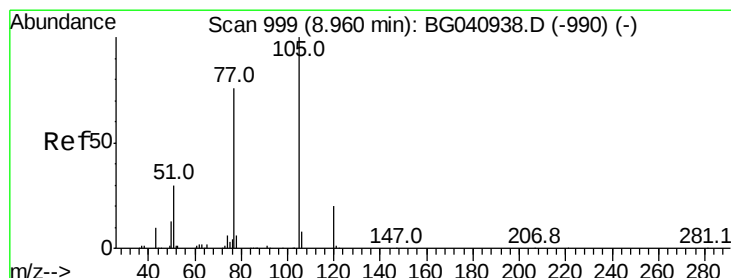
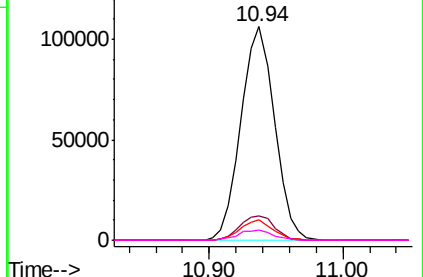
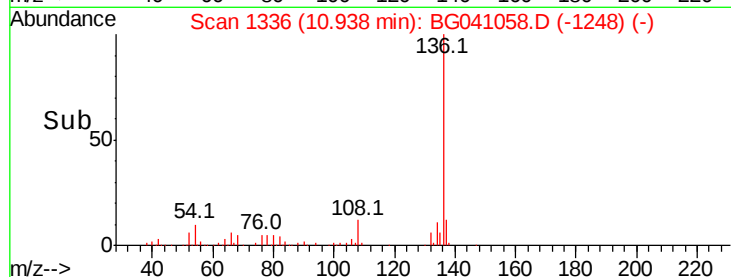


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.144 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Tgt Ion:105 Resp: 197722

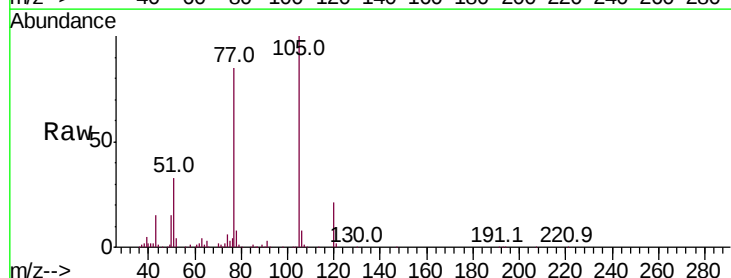
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 32.9 27.0 40.6

120 20.7 16.2 24.4

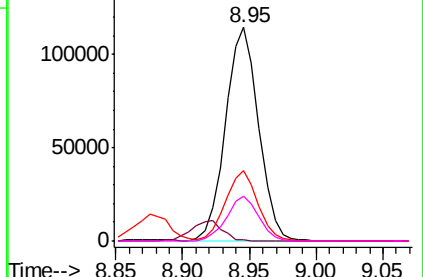
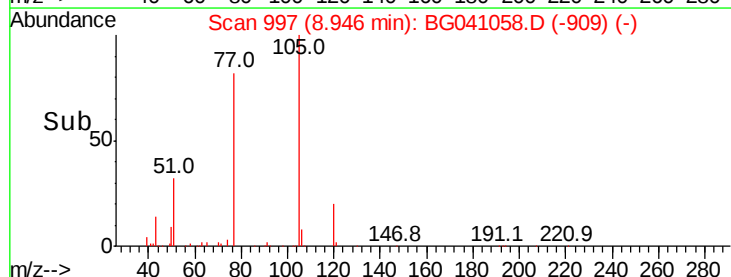


Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.338 ng

RT: 9.29 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

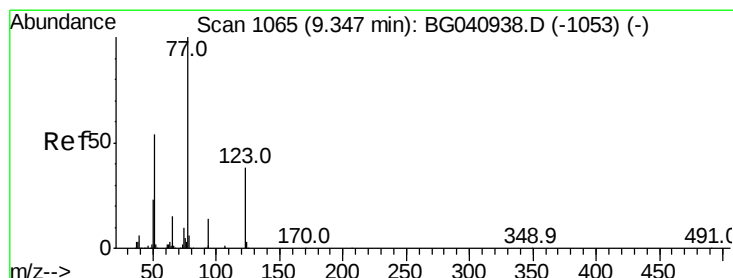
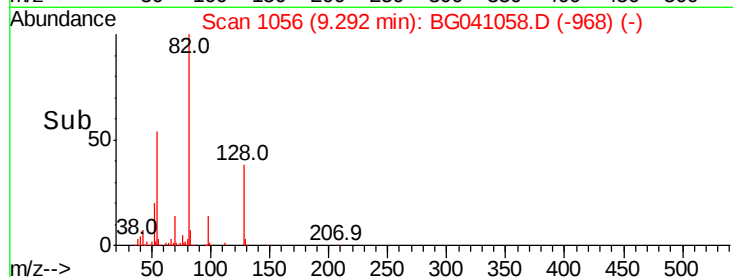
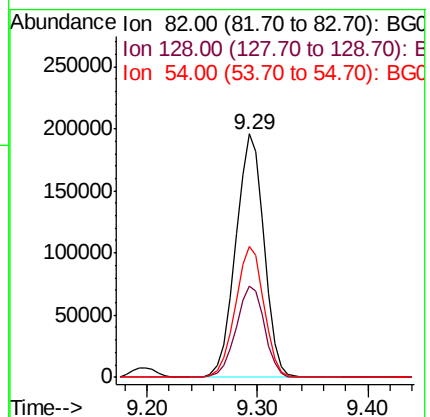
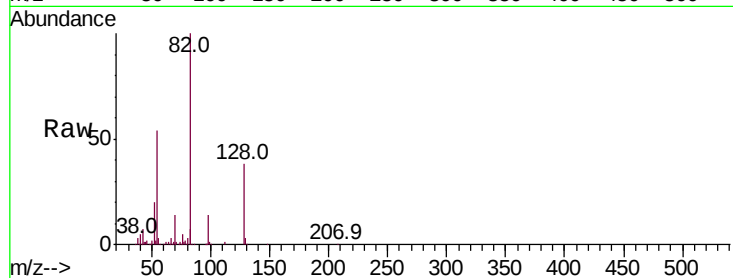
Tot Ion: 82 Resp: 351056

Ion Ratio Lower Upper

82 100

128 37.8 30.5 45.7

54 53.9 44.6 66.8



#24

Nitrobenzene

Concen: 37.454 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

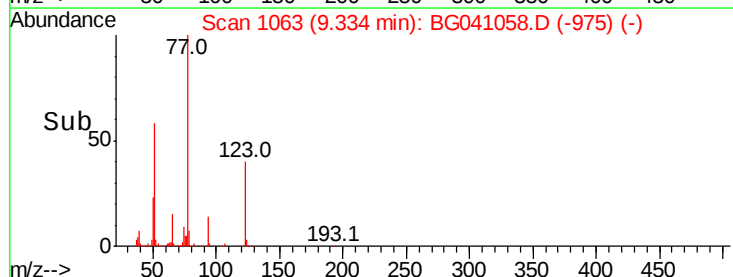
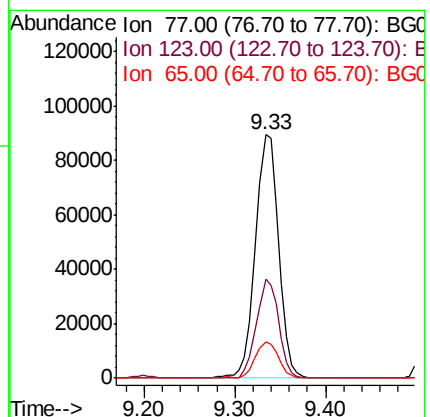
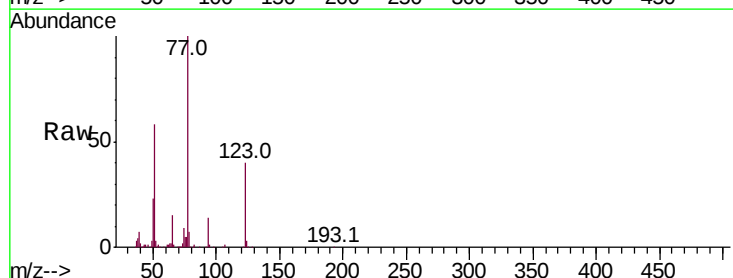
Tgt Ion: 77 Resp: 158878

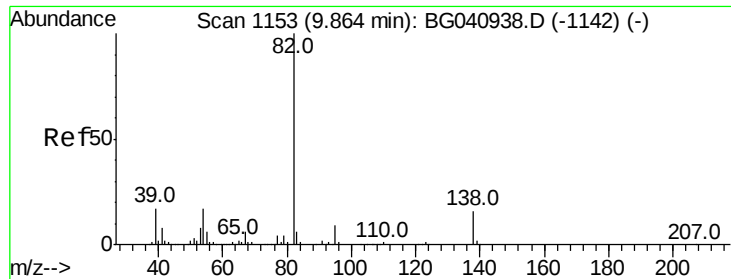
Ion Ratio Lower Upper

77 100

123 40.5 30.6 46.0

65 14.9 12.3 18.5

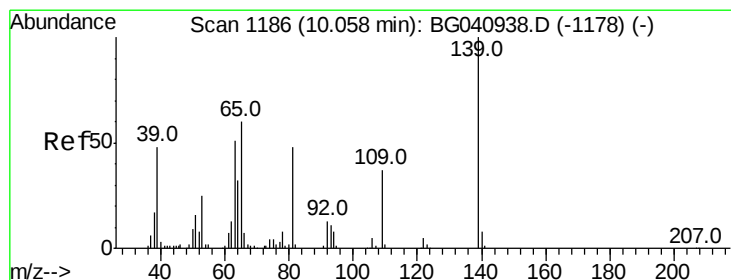
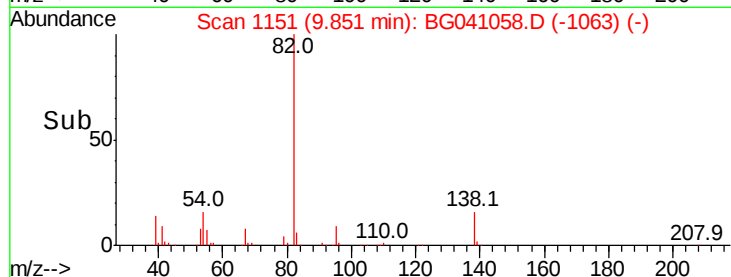
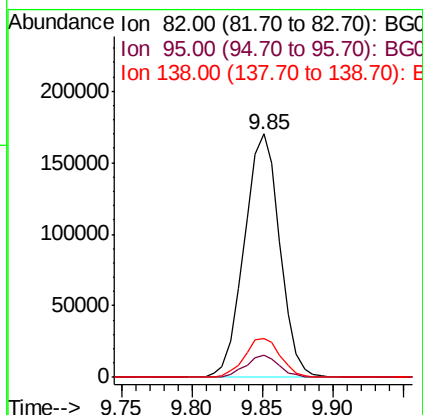
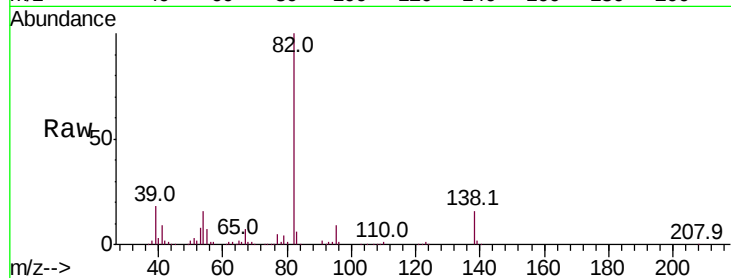




#25
Isophorone
Concen: 37.849 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

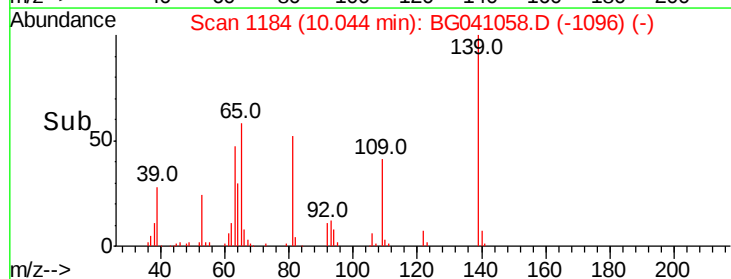
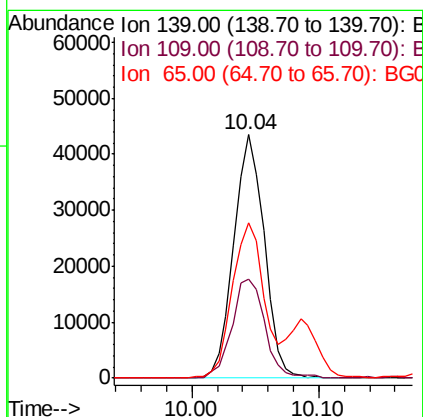
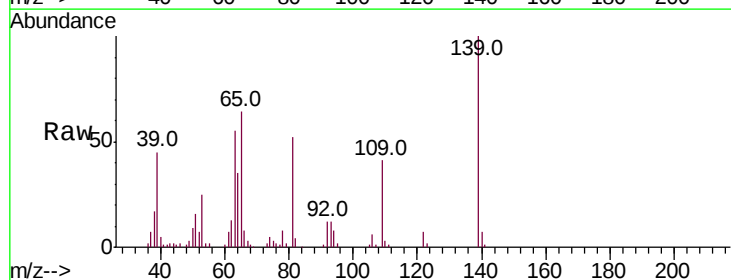
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

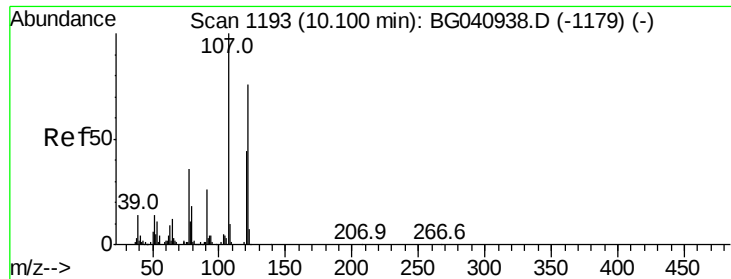
Tot Ion: 82 Resp: 299824
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.4
138 15.7 12.6 19.0



#26
2-Nitrophenol
Concen: 41.441 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion: 139 Resp: 72469
Ion Ratio Lower Upper
139 100
109 40.8 29.8 44.6
65 64.0 47.8 71.6

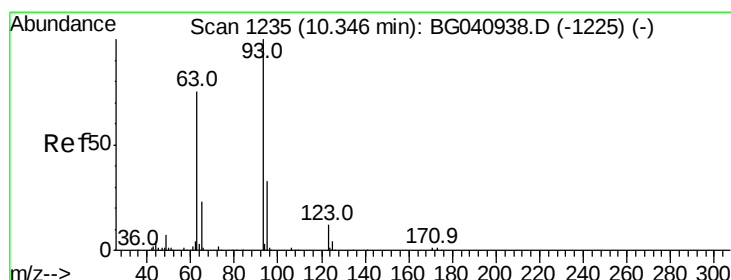
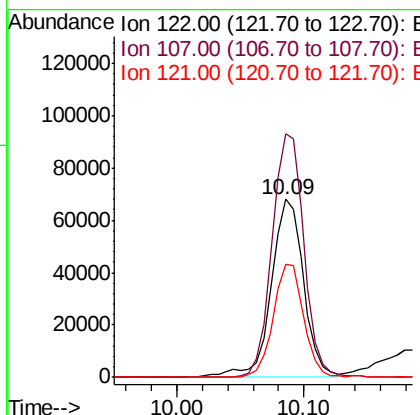
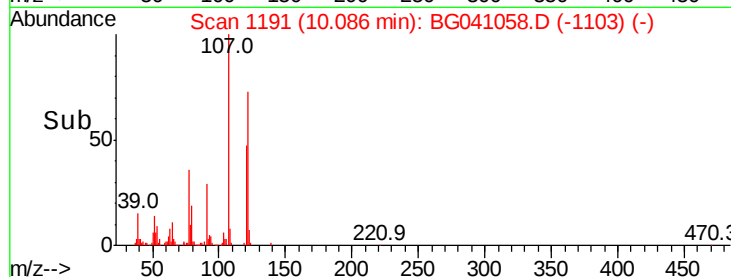
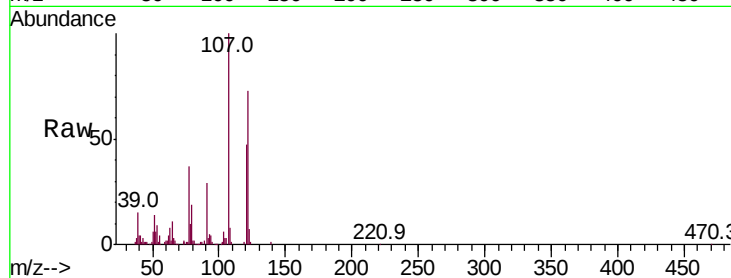




#27
2,4-Dimethylphenol
Concen: 41.686 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

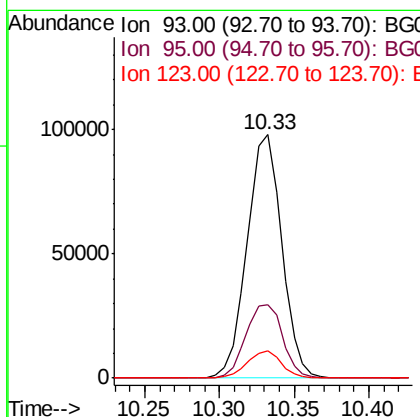
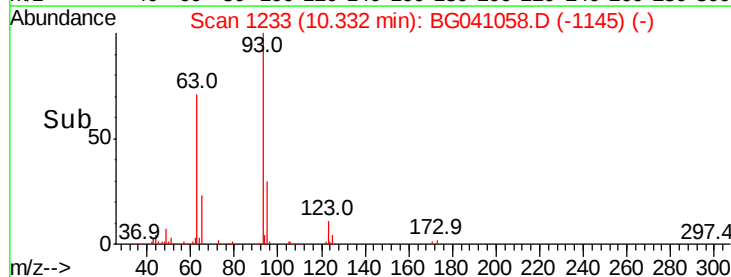
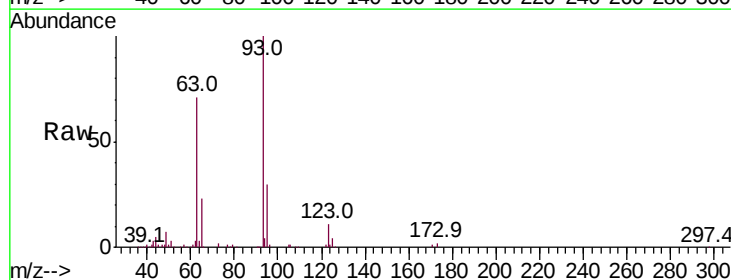
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

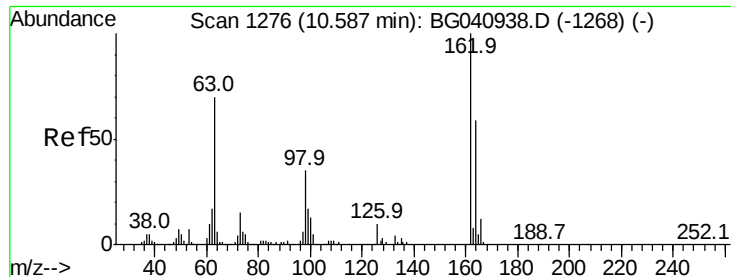
Tot Ion:122 Resp: 120397
Ion Ratio Lower Upper
122 100
107 136.7 105.9 158.9
121 63.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.841 ng
RT: 10.33 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion: 93 Resp: 157512
Ion Ratio Lower Upper
93 100
95 30.1 26.2 39.2
123 11.2 9.5 14.3

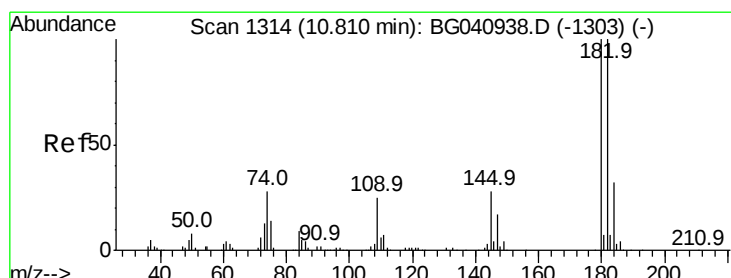
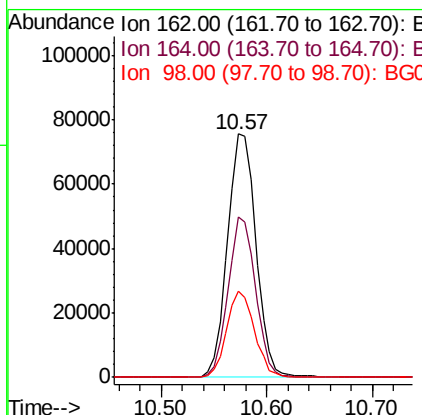
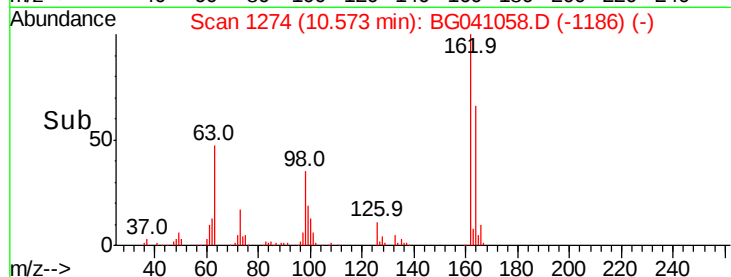
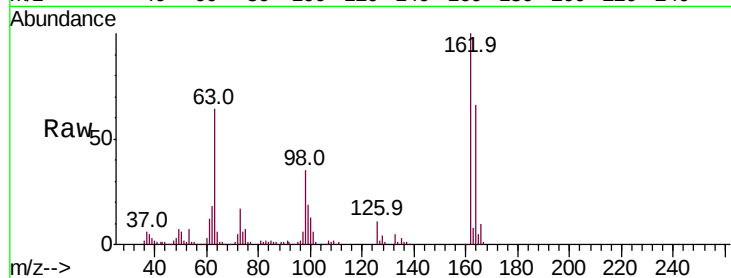




#29
2,4-Dichlorophenol
Concen: 38.433 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

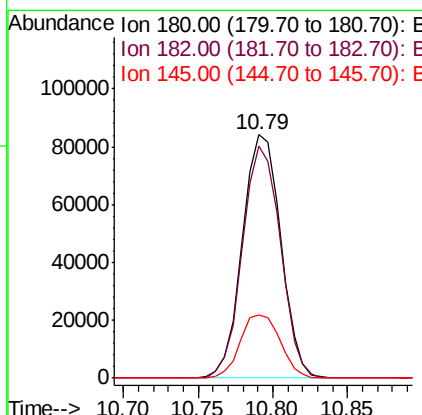
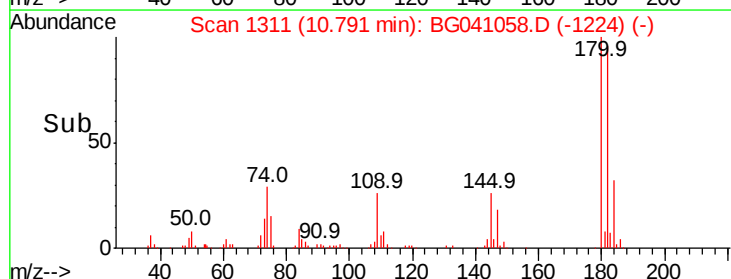
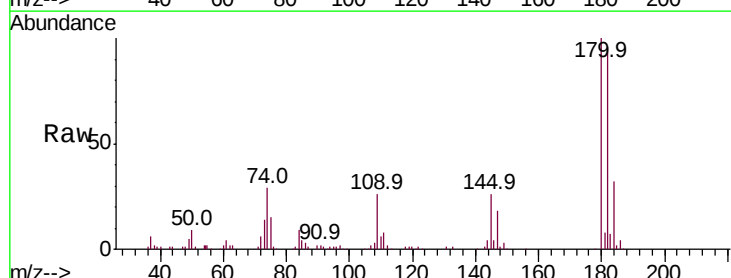
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

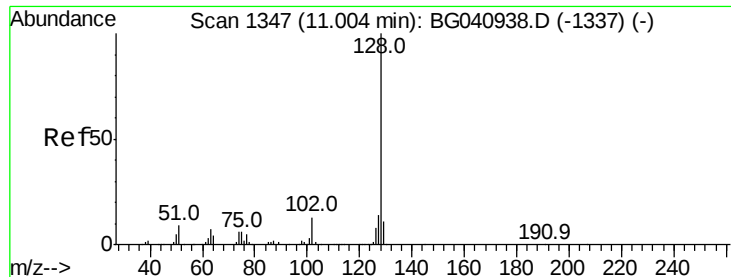
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	39.4	79.4
98	35.1	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 35.919 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	79.7	119.5
145	26.1	22.6	34.0





#31

Naphthalene

Concen: 36.779 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

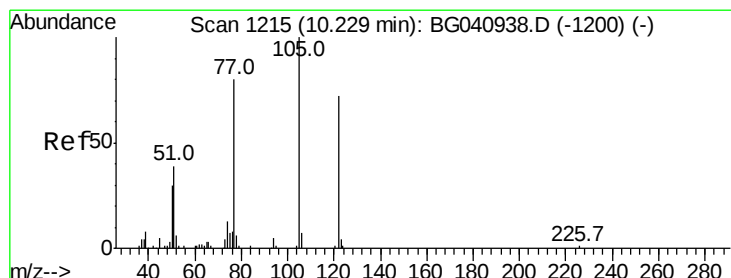
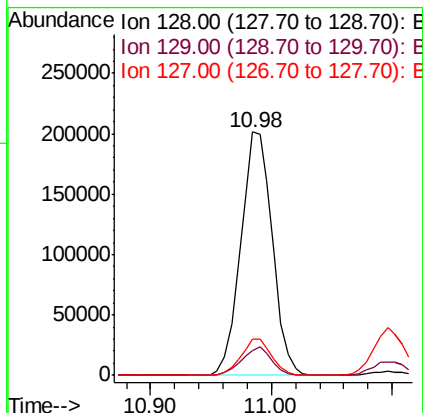
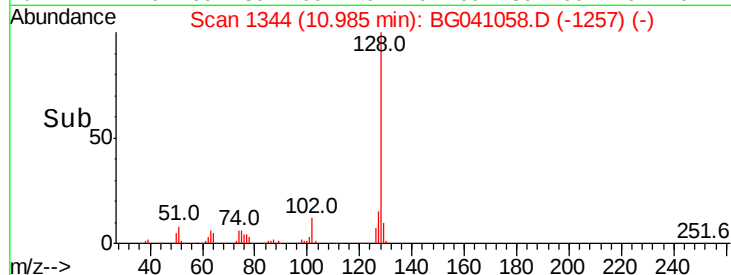
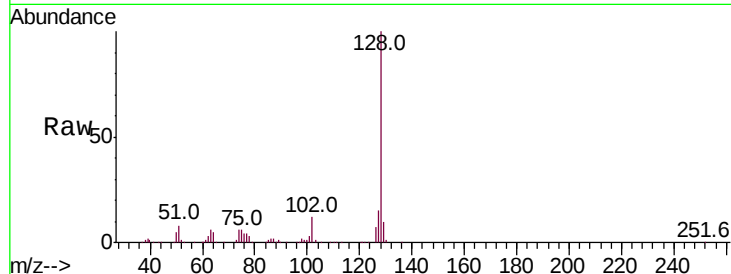
Tot Ion:128 Resp: 364900

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 14.8 11.4 17.2



#32

Benzoic acid

Concen: 19.018 ng

RT: 10.18 min Scan# 1207

Delta R.T. -0.05 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

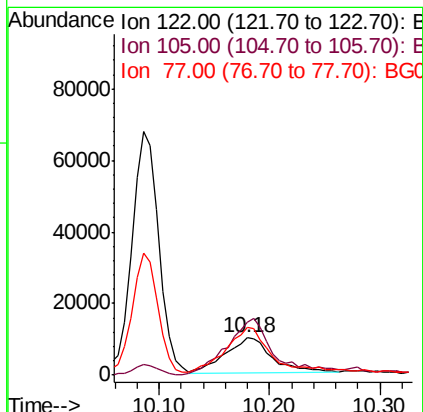
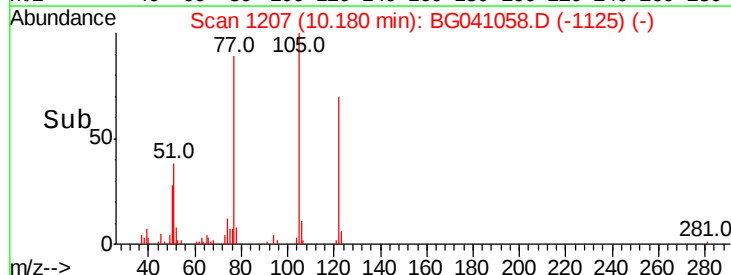
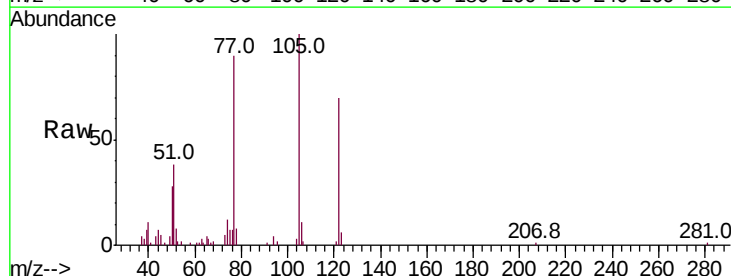
Tgt Ion:122 Resp: 29438

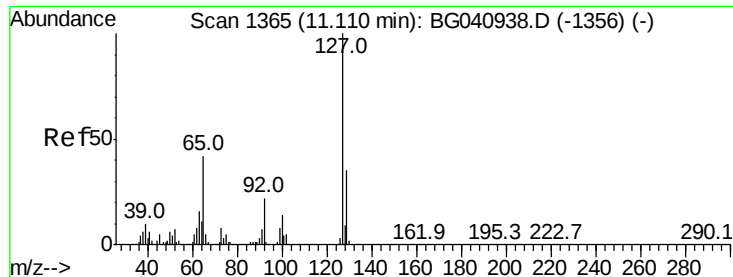
Ion Ratio Lower Upper

122 100

105 143.2 114.8 154.8

77 129.4 89.9 129.9

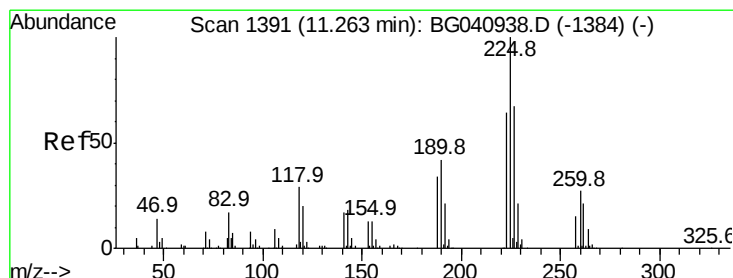
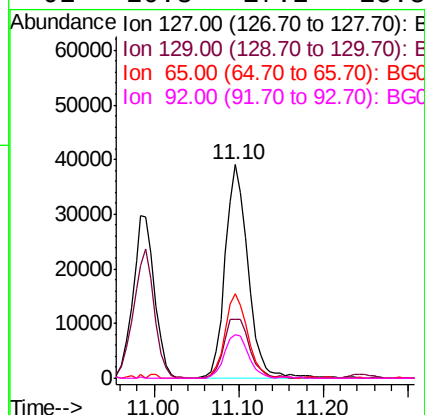
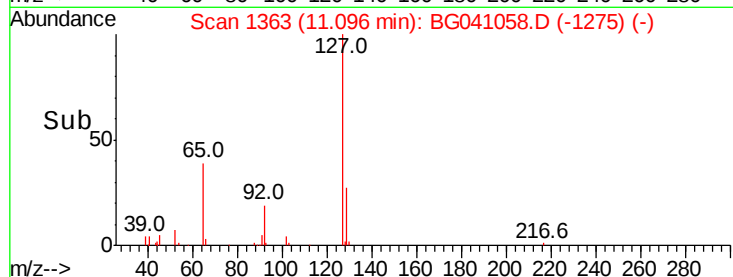
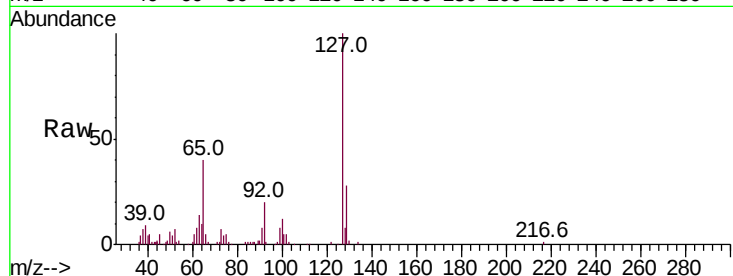




#33
4-Chloroaniline
Concen: 15.907 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

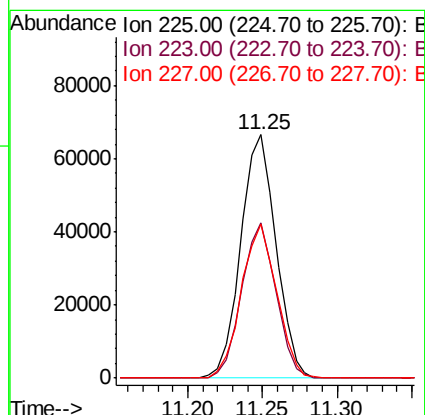
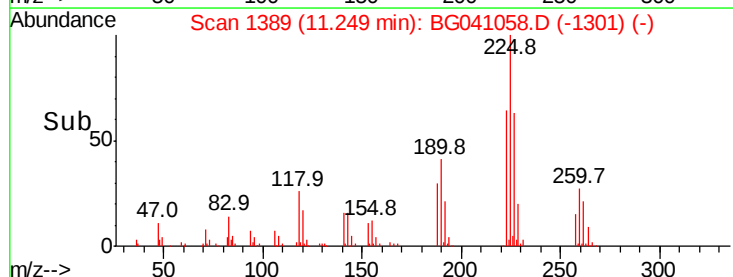
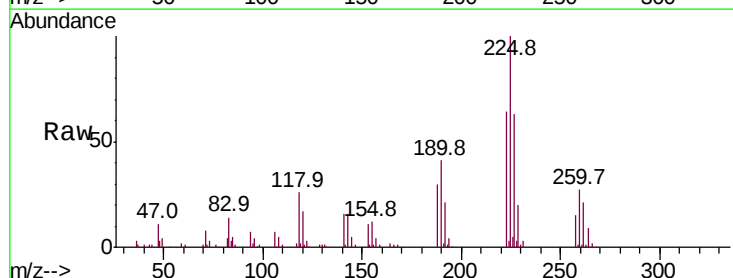
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

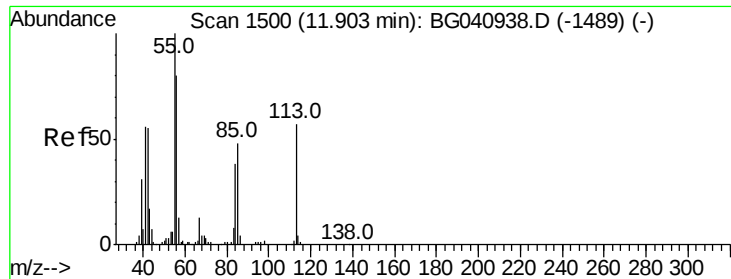
Tot Ion:127	Resp:	73227	
Ion Ratio	Lower	Upper	
127 100			
129 27.8	27.7	41.5	
65 39.5	33.2	49.8	
92 20.3	17.2	25.8	



#34
Hexachlorobutadiene
Concen: 34.181 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion	225	Resp: Lower	109118 Upper
	Ratio		
225	100		
223	63.9	48.8	73.2
227	63.4	51.4	77.0





#35

Caprolactam

Concen: 37.145 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

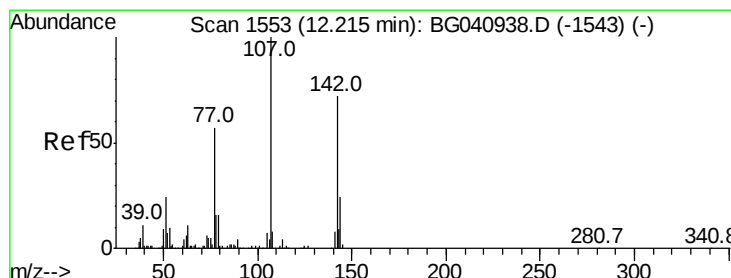
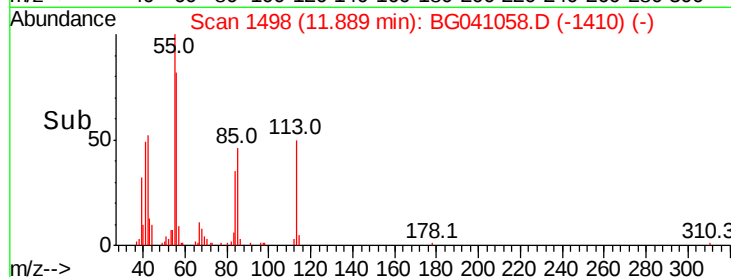
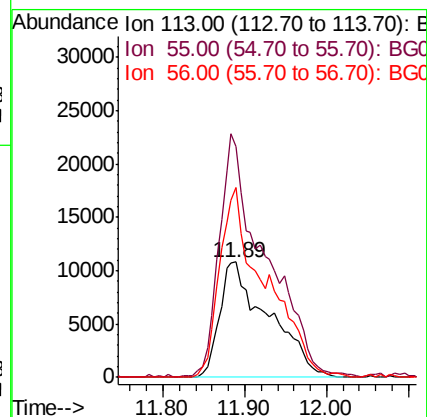
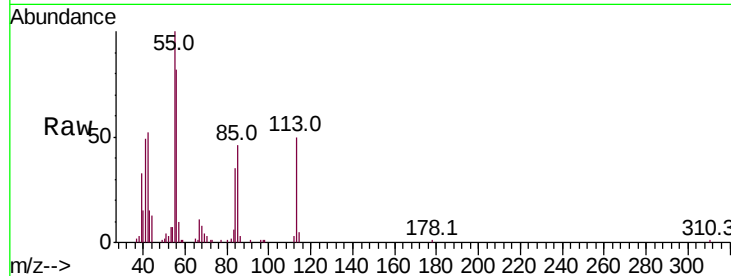
Tot Ion:113 Resp: 44987

Ion Ratio Lower Upper

113 100

55 200.1 155.9 195.9#

56 164.7 119.9 159.9#



#36

4-Chloro-3-methylphenol

Concen: 38.626 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

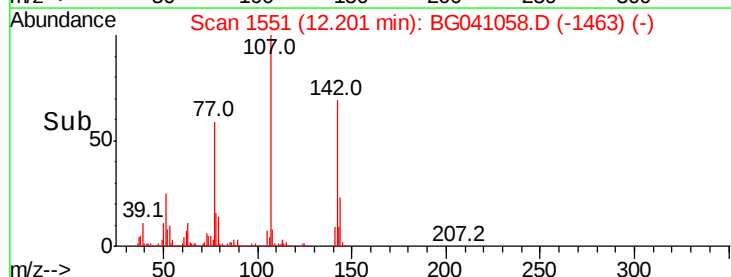
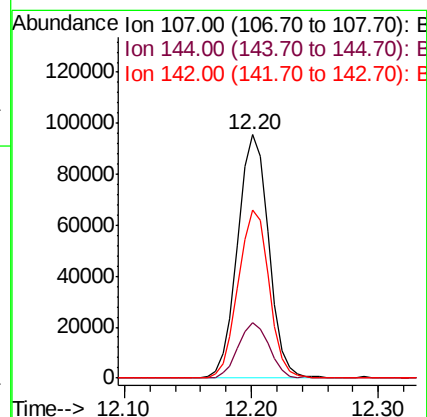
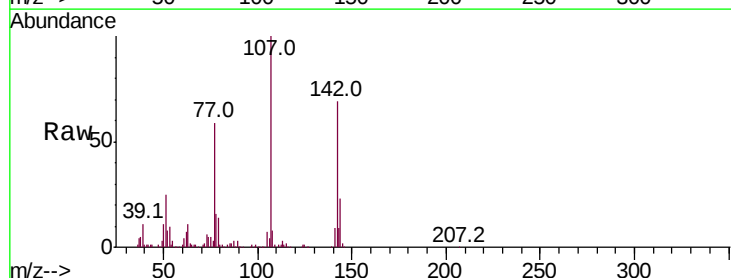
Tgt Ion:107 Resp: 161789

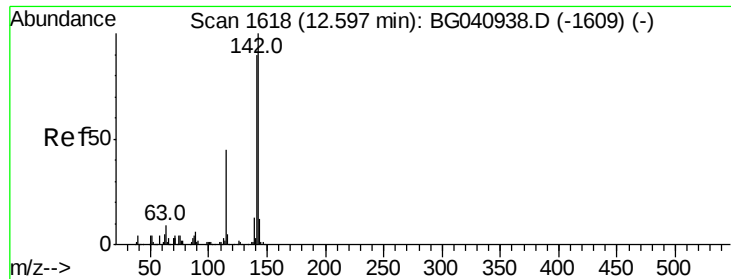
Ion Ratio Lower Upper

107 100

144 22.6 19.4 29.0

142 69.1 57.3 85.9





#37

2-Methylnaphthalene

Concen: 36.347 ng

RT: 12.58 min Scan# 1616

Delta R.T. -0.01 min

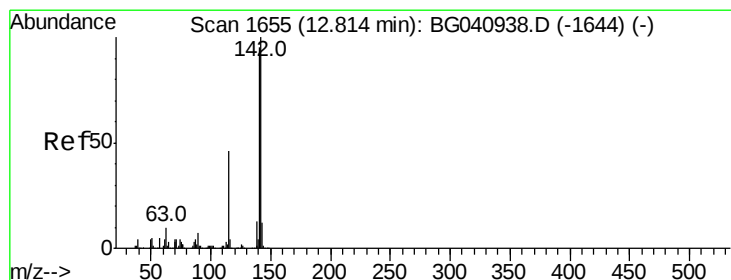
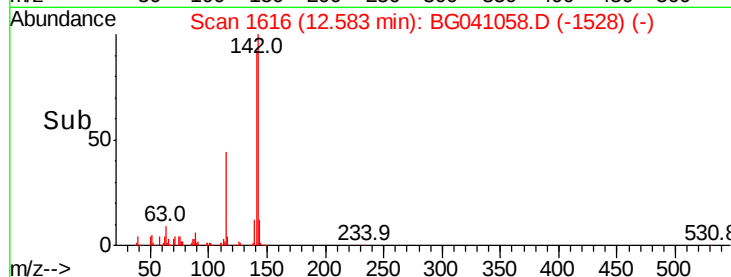
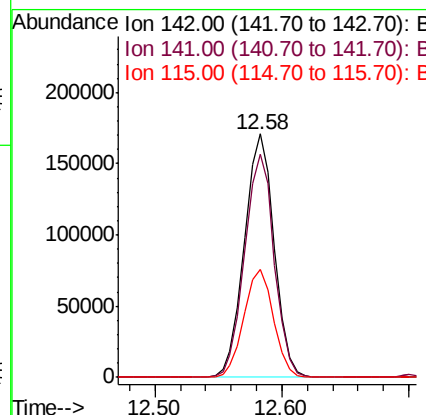
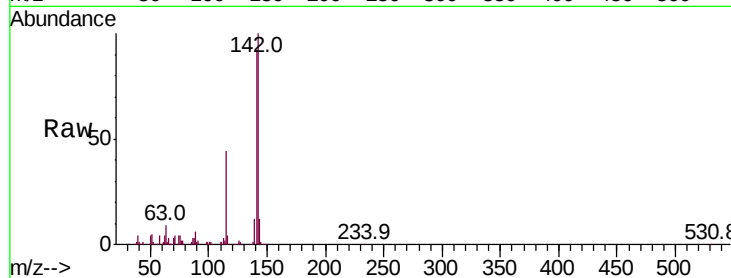
Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:142 Resp: 277739

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.2	108.4
115	44.4	36.2	54.4



#38

1-Methylnaphthalene

Concen: 36.641 ng

RT: 12.80 min Scan# 1653

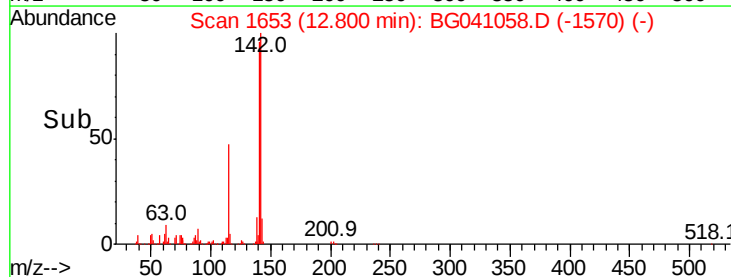
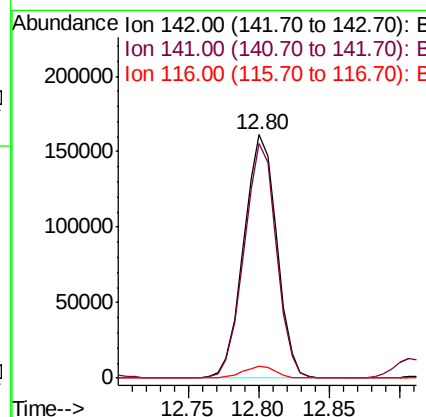
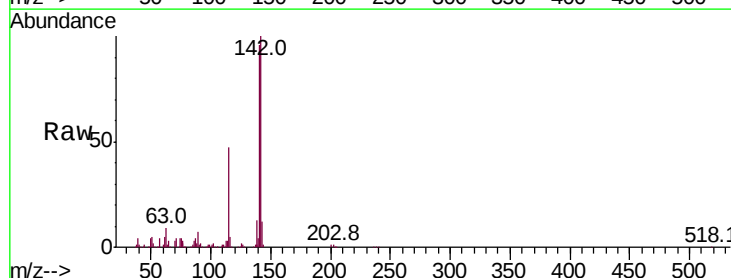
Delta R.T. -0.01 min

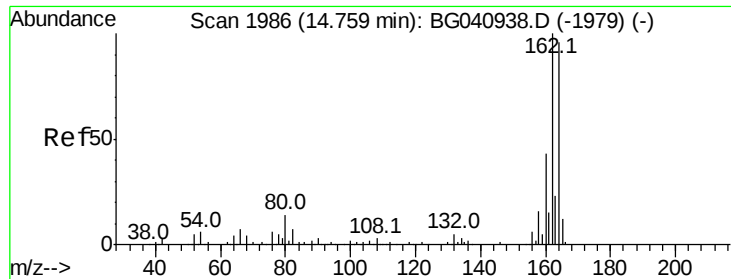
Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Tgt Ion:142 Resp: 263843

Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.7	113.5
116	5.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

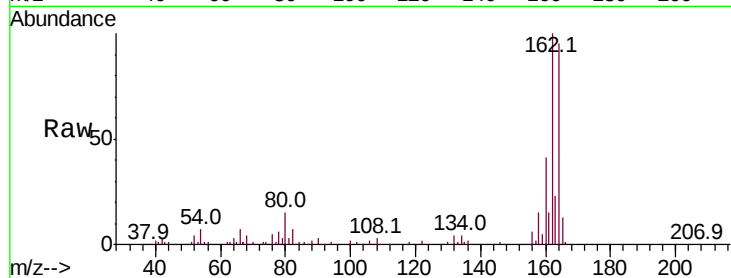
Tot Ion:164 Resp: 135254

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.4

160 43.7 35.6 53.4

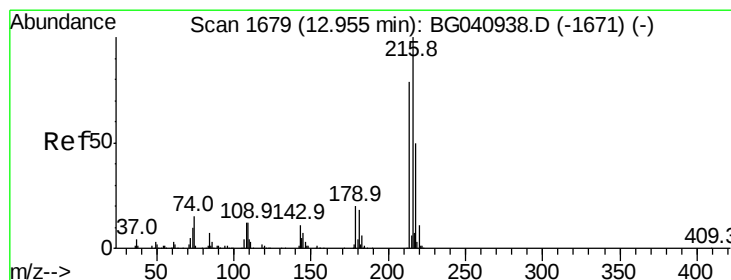
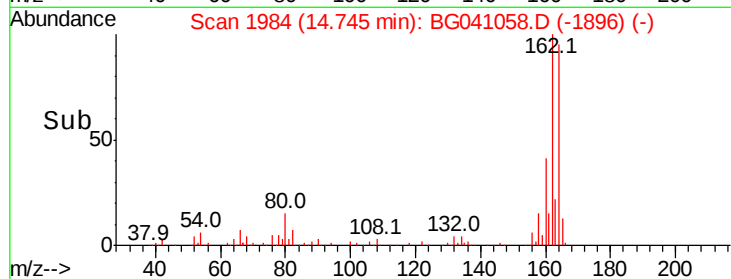
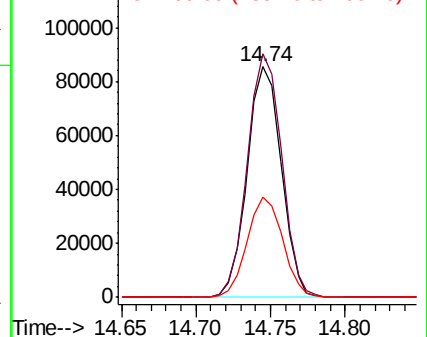


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.273 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Tgt Ion:216 Resp: 197741

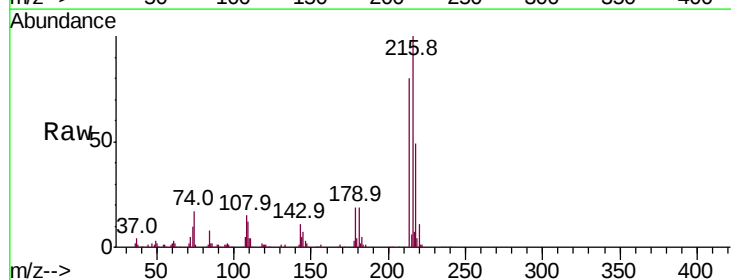
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 18.8 15.2 22.8

108 17.3 11.4 17.2#



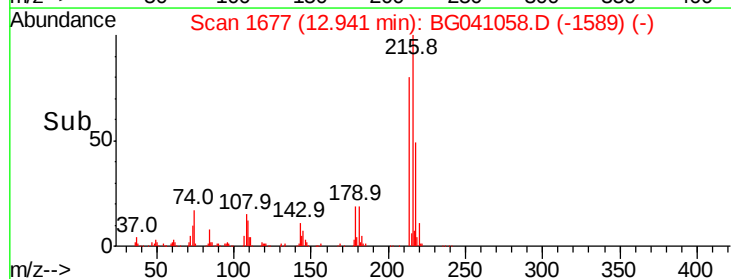
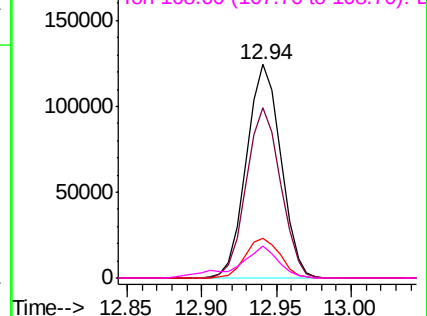
Abundance

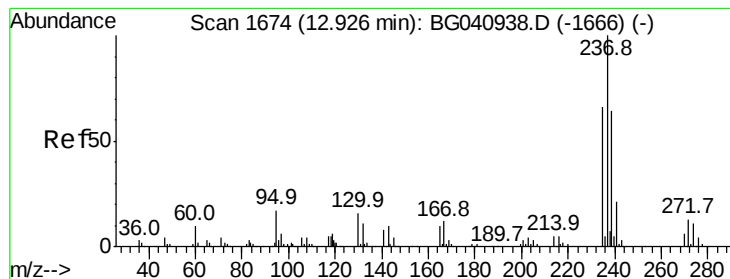
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.938 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

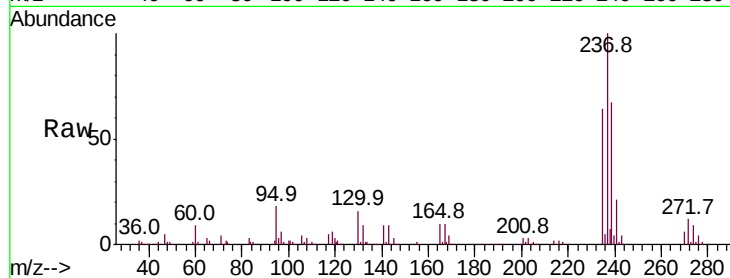
Tot Ion:237 Resp: 224432

Ion Ratio Lower Upper

237 100

235 63.6 45.5 85.5

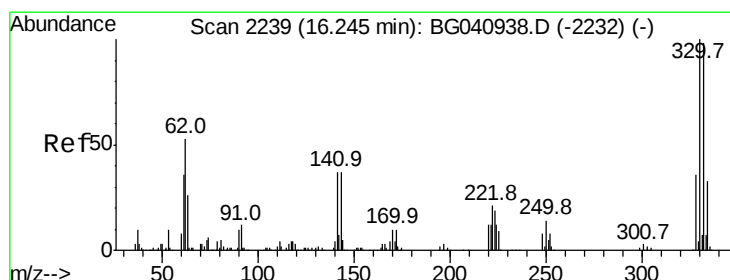
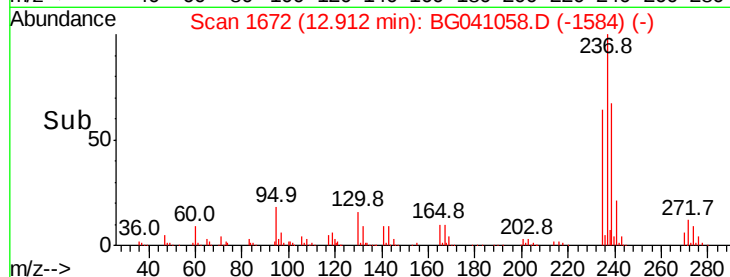
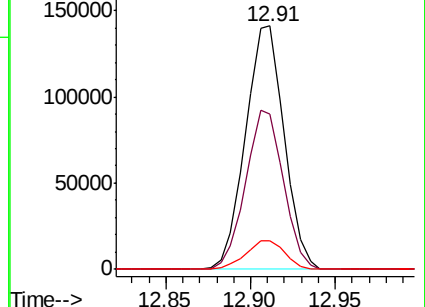
272 11.8 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.071 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

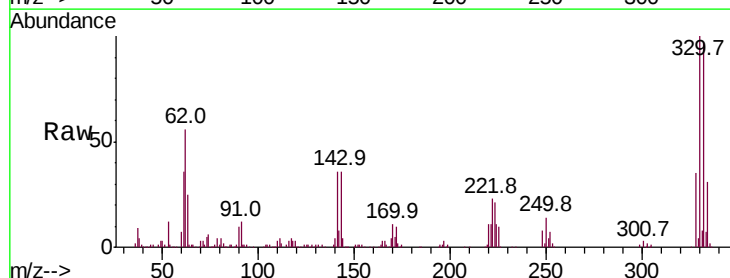
Tgt Ion:330 Resp: 279246

Ion Ratio Lower Upper

330 100

332 94.1 78.5 117.7

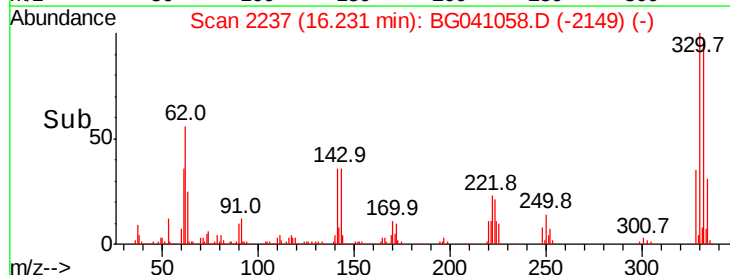
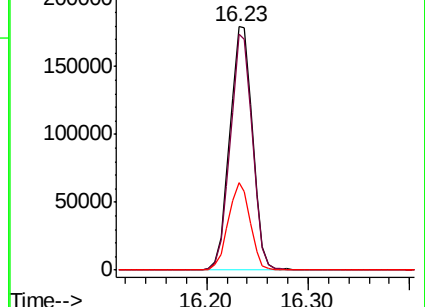
141 34.6 28.7 43.1

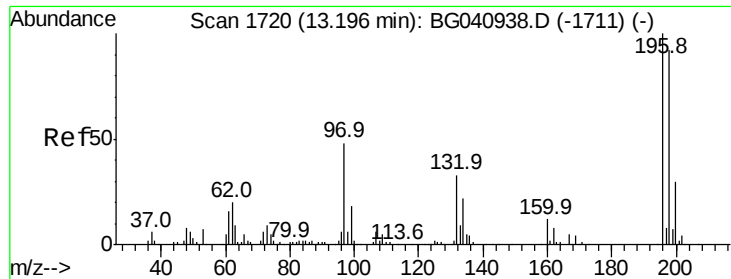


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

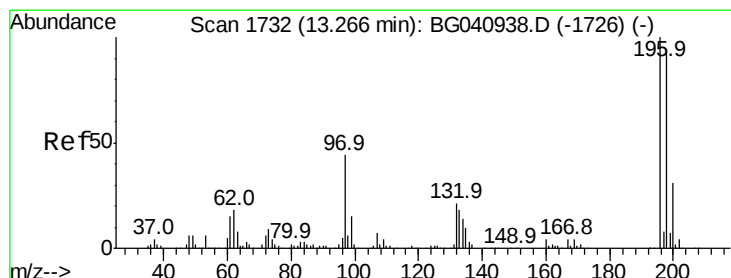
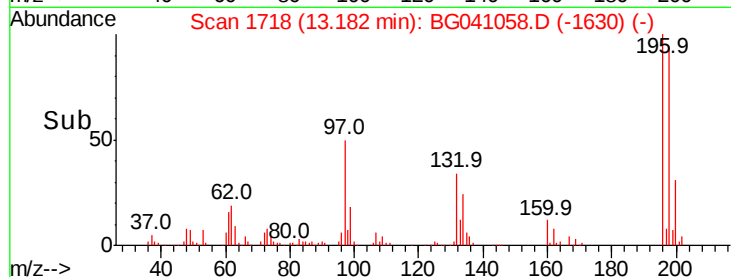
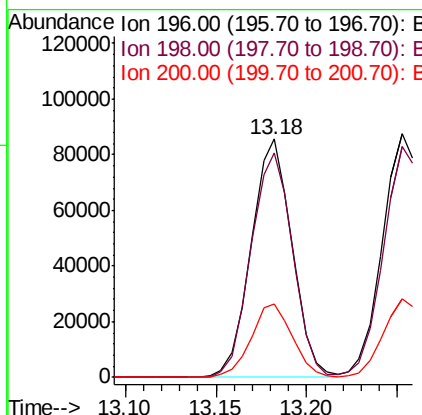
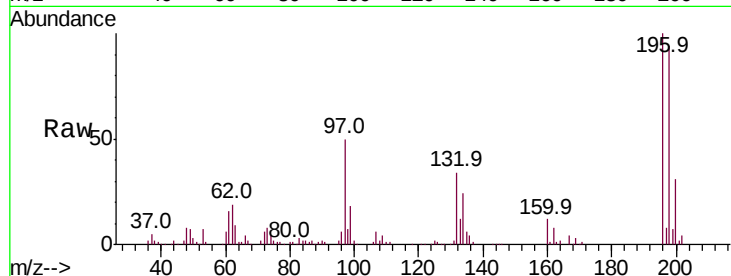




#43
 2,4,6-Trichlorophenol
 Concen: 37.968 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041058.D
 Acq: 4 Jun 2019 13:09

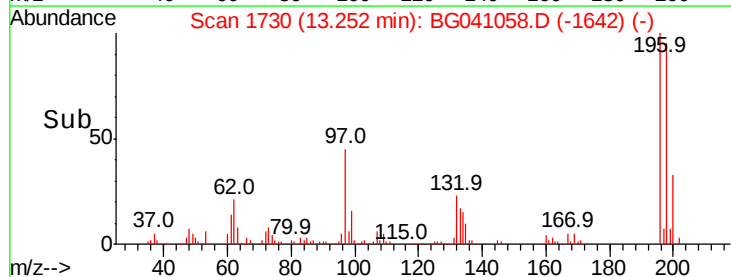
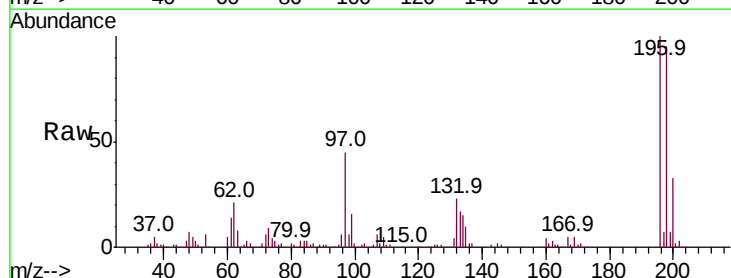
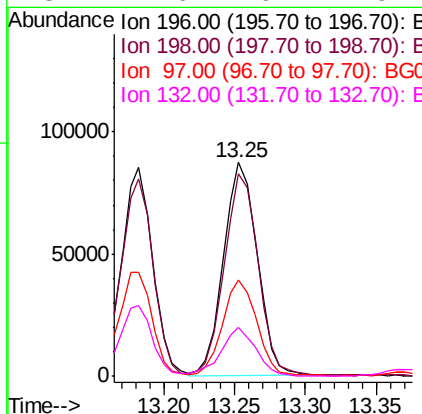
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

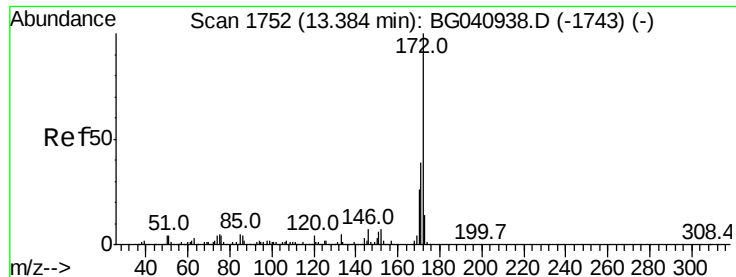
Tot Ion	196	Resp	133899
Ion Ratio	Lower	Upper	
196	100		
198	94.2	73.8	110.6
200	31.0	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.977 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG041058.D
 Acq: 4 Jun 2019 13:09

Tgt Ion	196	Resp	144966
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.1	112.7
97	45.0	35.6	53.4
132	22.6	16.7	25.1

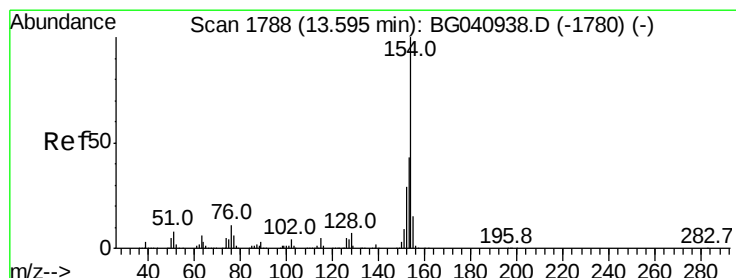
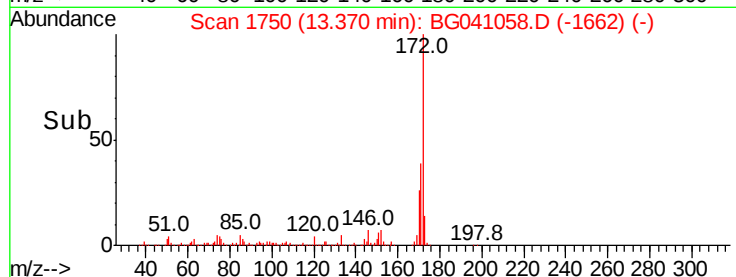
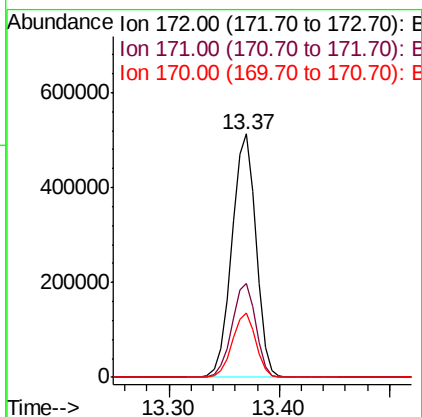
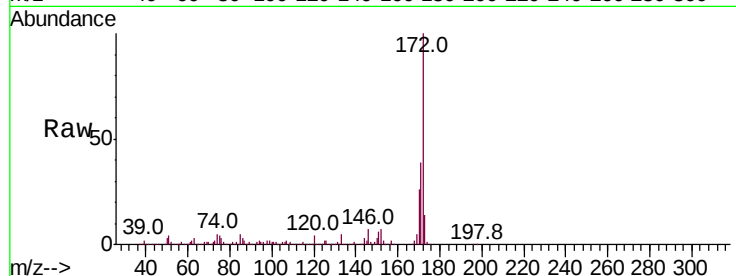




#45
2-Fluorobiphenyl
Concen: 83.873 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

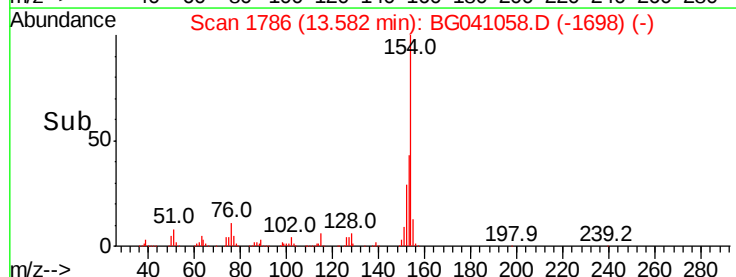
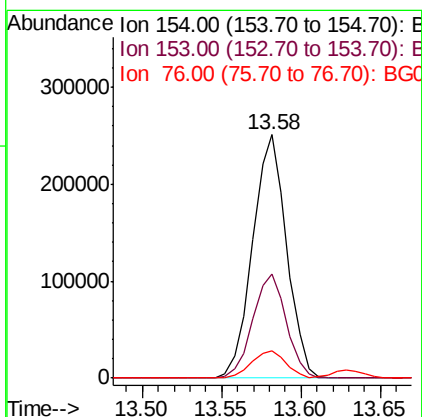
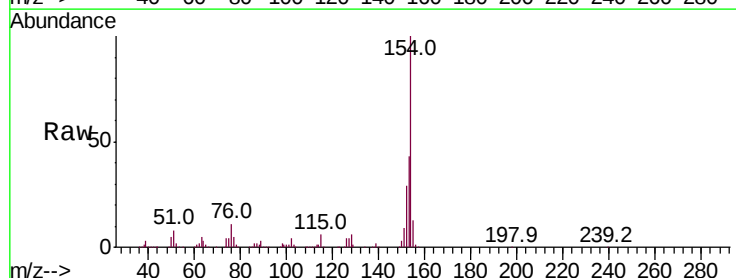
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

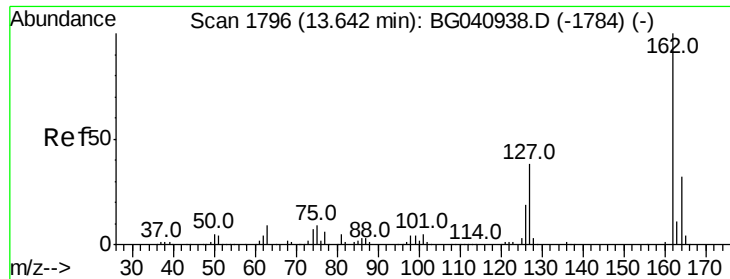
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	26.2	20.5	30.7



#46
1,1'-Biphenyl
Concen: 37.291 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.3	63.3
76	11.3	0.0	31.1





#47

2-Chloronaphthalene

Concen: 35.994 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

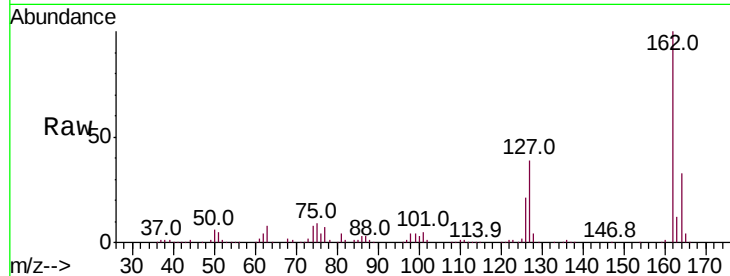
Tot Ion:162 Resp: 309366

Ion Ratio Lower Upper

162 100

127 38.6 30.5 45.7

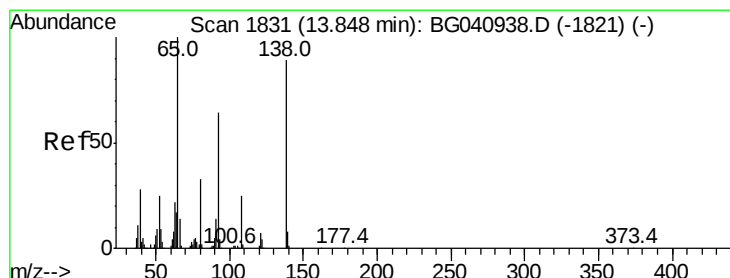
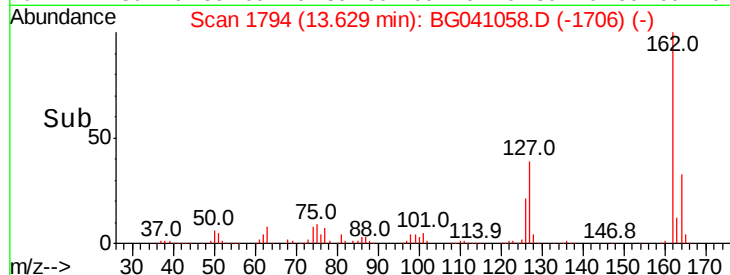
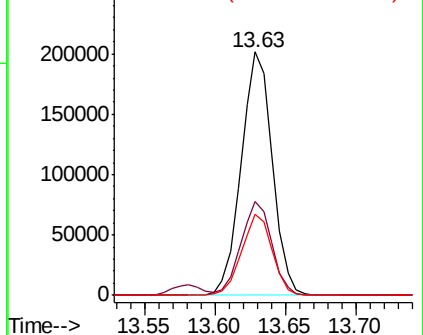
164 33.3 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.752 ng

RT: 13.84 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

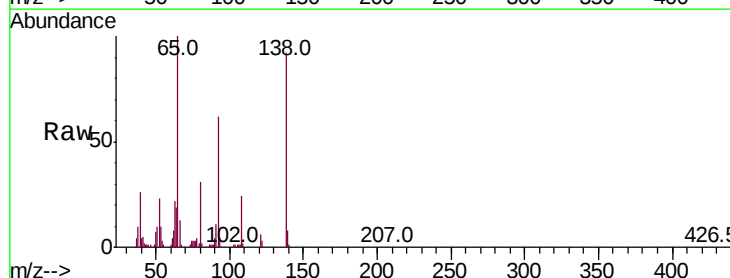
Tgt Ion: 65 Resp: 113321

Ion Ratio Lower Upper

65 100

92 62.1 51.0 76.6

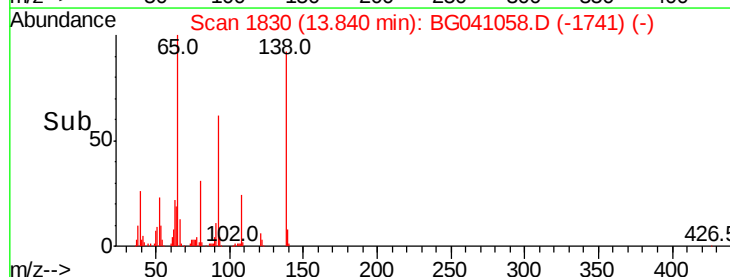
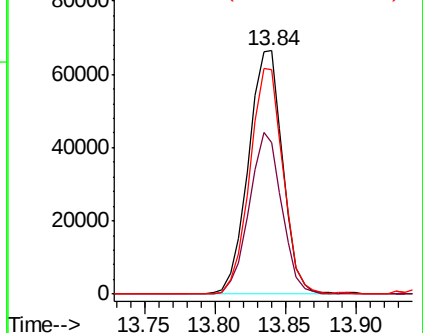
138 92.1 71.2 106.8

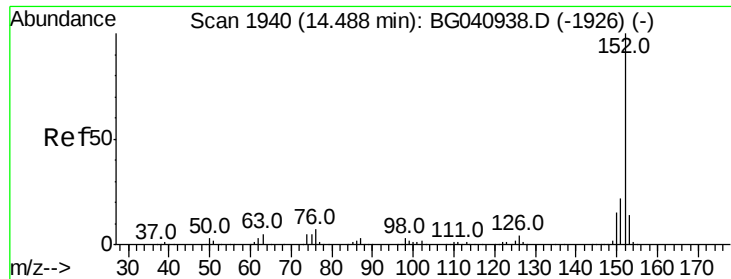


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.523 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

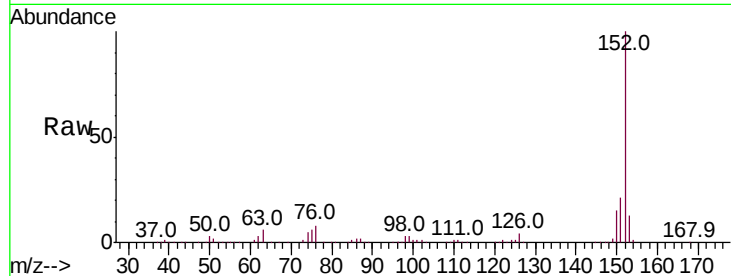
Tot Ion:152 Resp: 485389

Ion Ratio Lower Upper

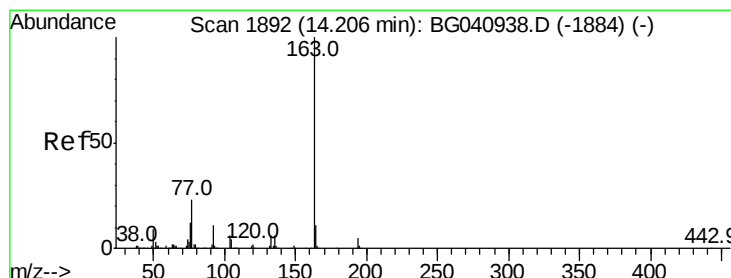
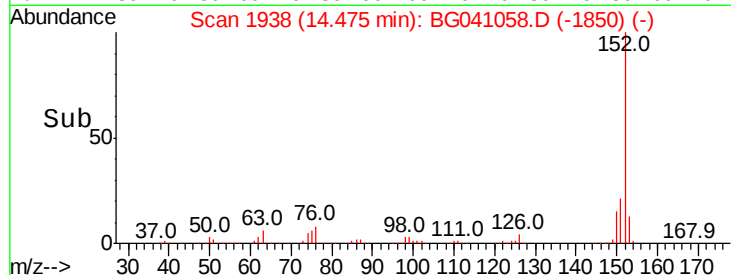
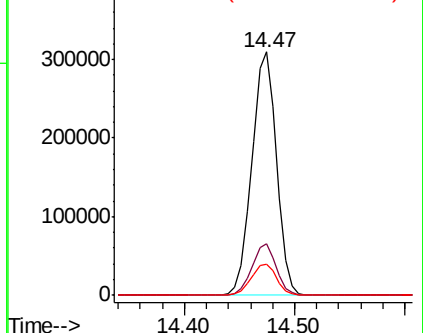
152 100

151 21.3 17.4 26.0

153 12.7 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.072 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

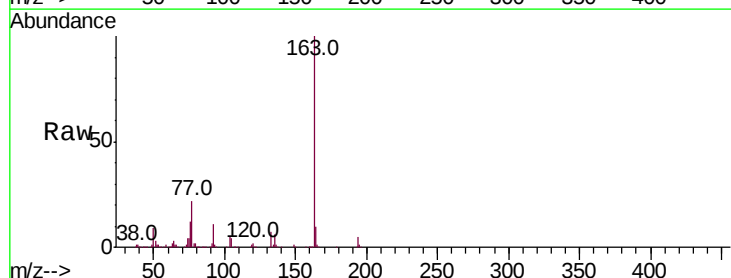
Tgt Ion:163 Resp: 538941

Ion Ratio Lower Upper

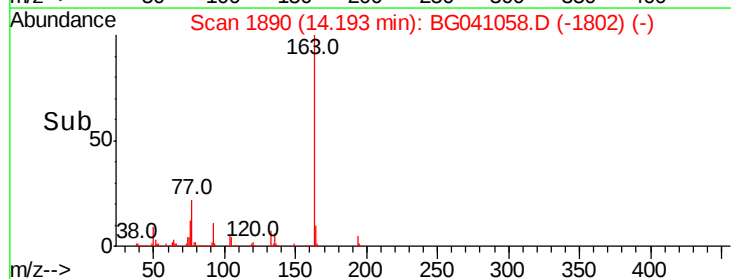
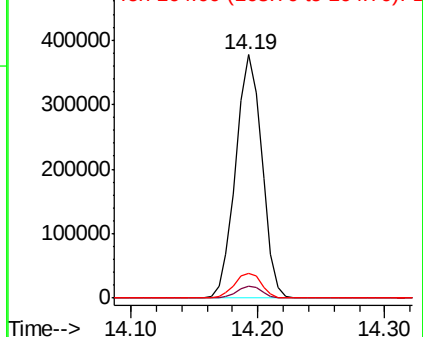
163 100

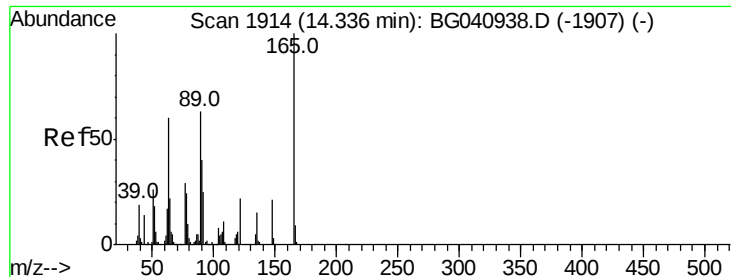
194 5.1 3.8 5.8

164 10.4 8.7 13.1



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: 37.395 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

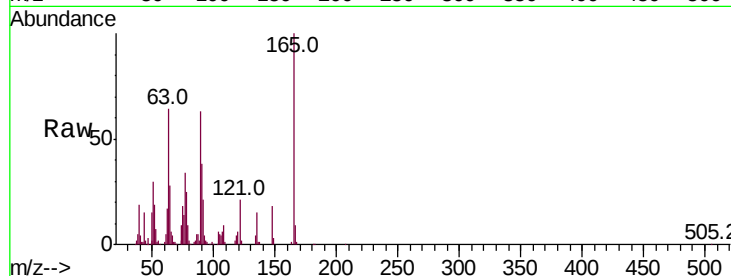
Tot Ion:165 Resp: 92312

Ion Ratio Lower Upper

165 100

63 64.5 53.6 80.4

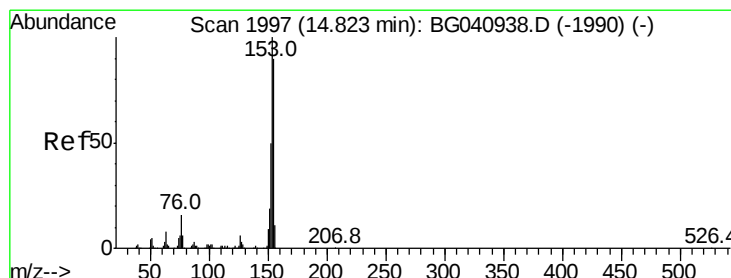
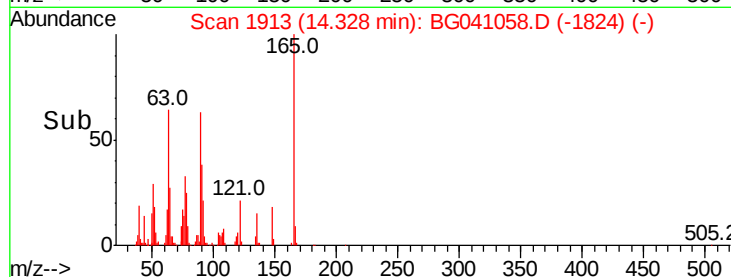
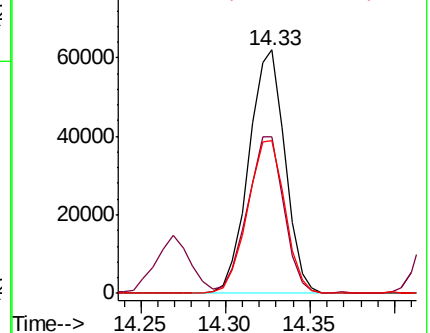
89 62.5 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 35.837 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

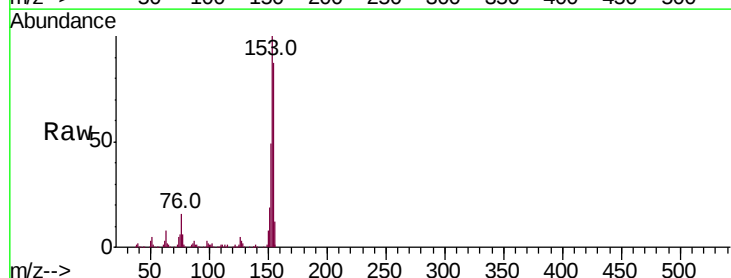
Tgt Ion:154 Resp: 280839

Ion Ratio Lower Upper

154 100

153 115.5 88.6 133.0

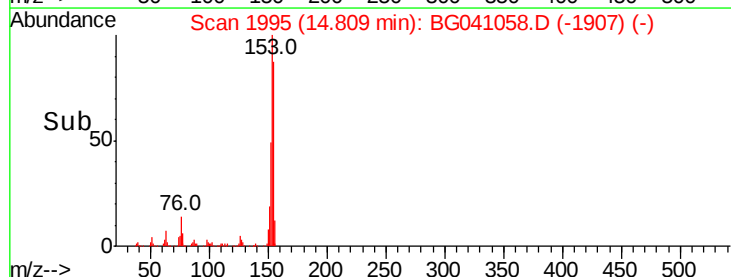
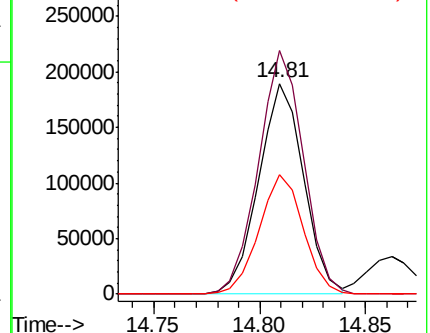
152 56.8 44.2 66.4

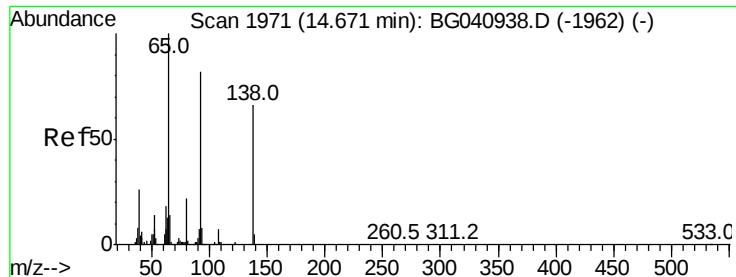


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.610 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument:

BNA_G

ClientSampleId:

FK-BPM-01-B1-C1-B1A-C1AMS

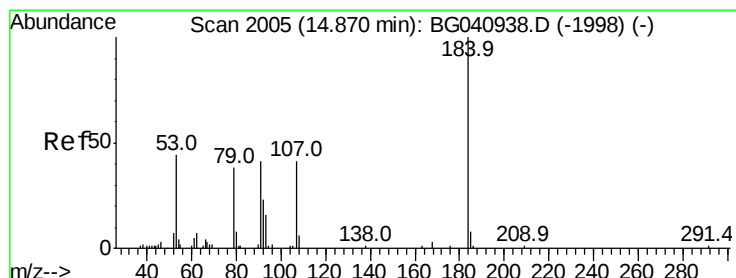
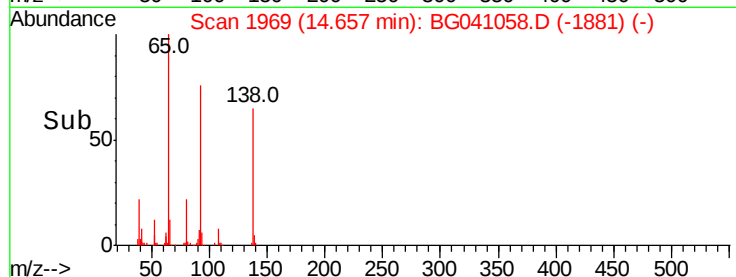
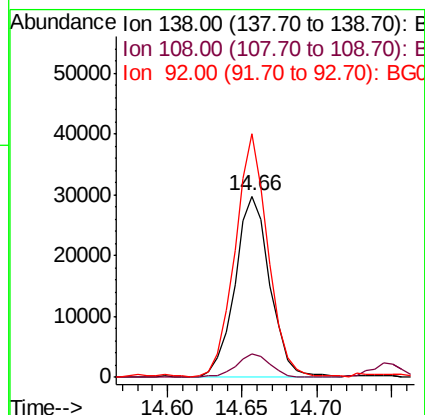
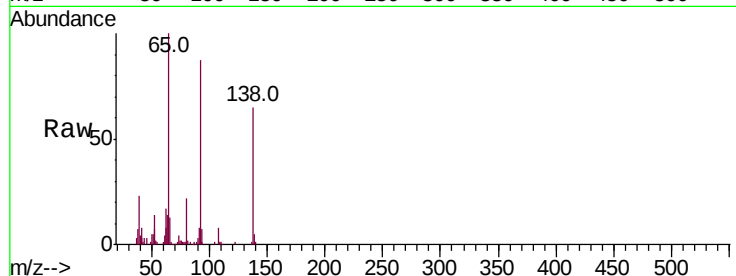
Tot Ion:138 Resp: 48406

Ion Ratio Lower Upper

138 100

108 13.1 8.5 12.7#

92 134.6 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 72.684 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

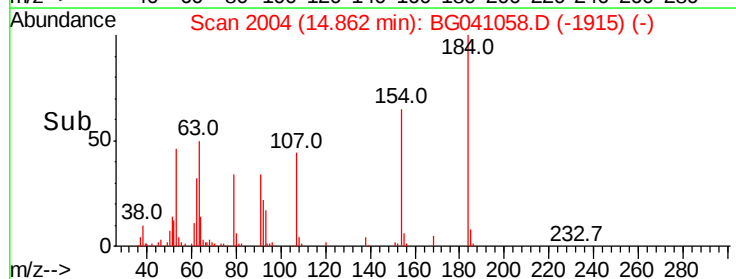
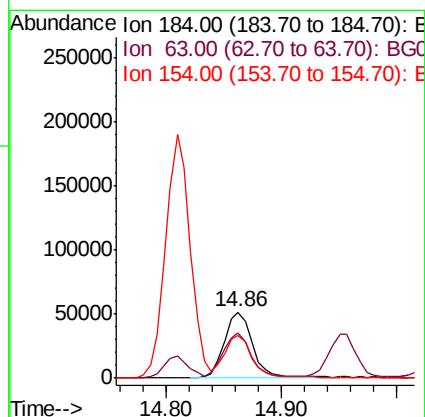
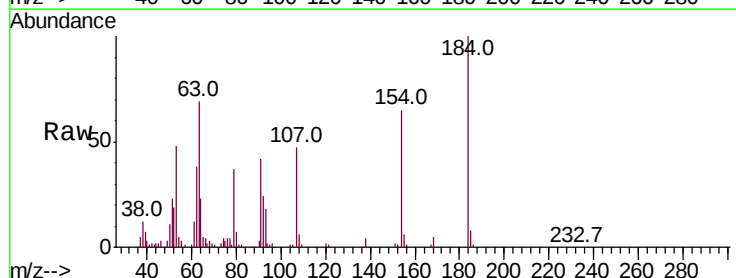
Tgt Ion:184 Resp: 89640

Ion Ratio Lower Upper

184 100

63 68.7 49.8 74.6

154 64.9 52.2 78.4





#55

Dibenzofuran

Concen: 36.794 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

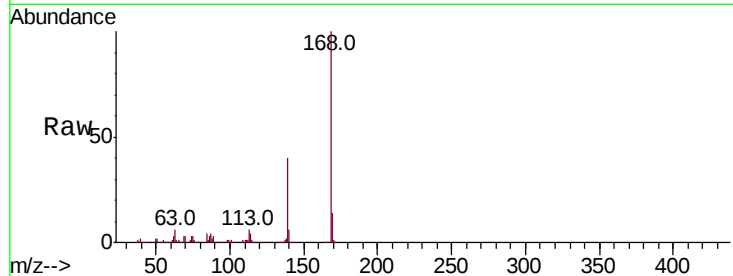
Tot Ion:168 Resp: 485169

Ion Ratio Lower Upper

168 100

139 40.0 32.8 49.2

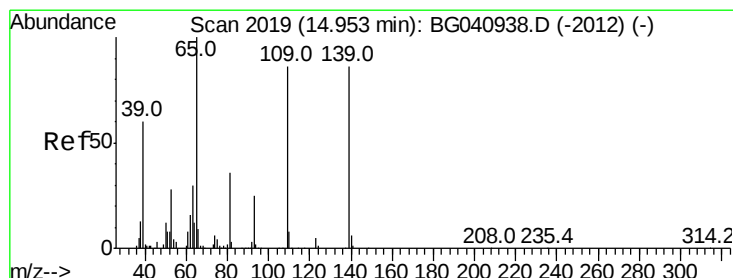
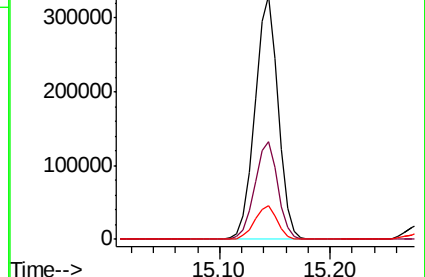
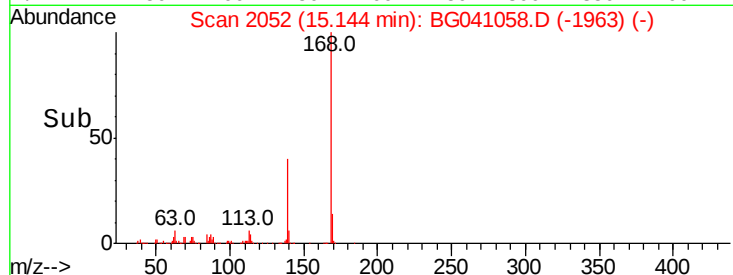
169 13.6 11.3 16.9



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: 87.143 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

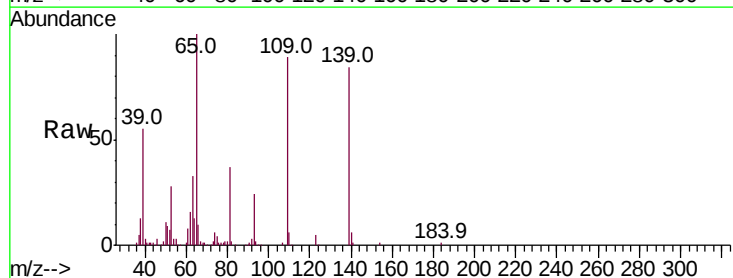
Tgt Ion:139 Resp: 147547

Ion Ratio Lower Upper

139 100

109 106.5 79.6 119.6

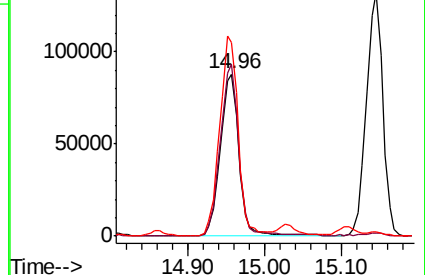
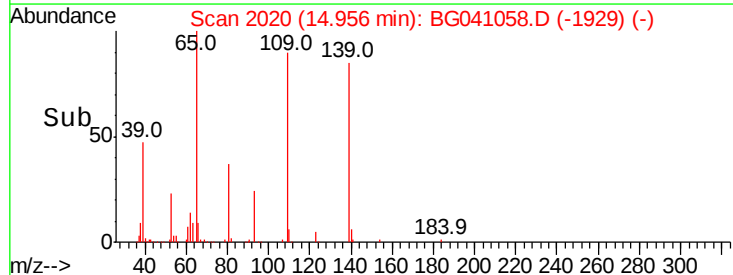
65 119.3 96.9 136.9

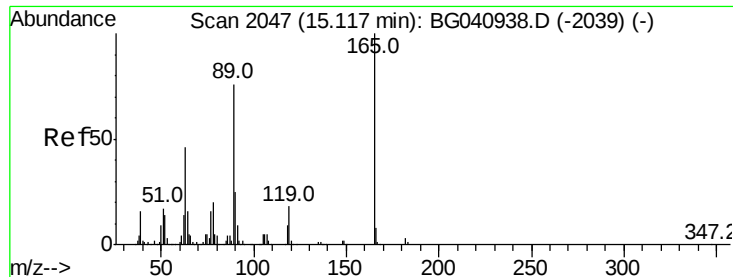


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 37.983 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:165 Resp: 132447

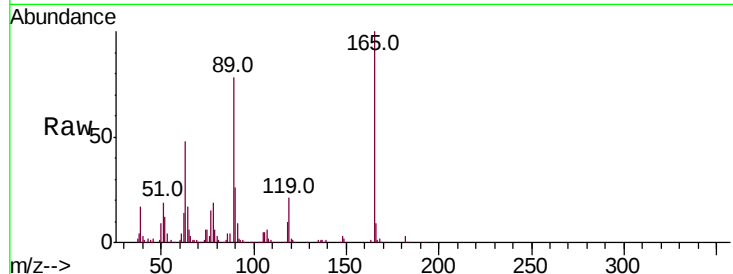
Ion Ratio Lower Upper

165 100

63 48.0 37.3 55.9

89 77.8 61.0 91.6

182 3.4 2.2 3.2#

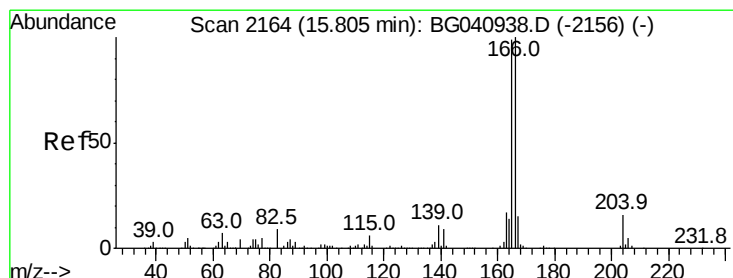
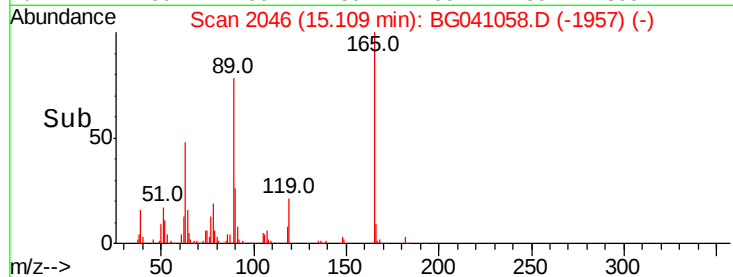
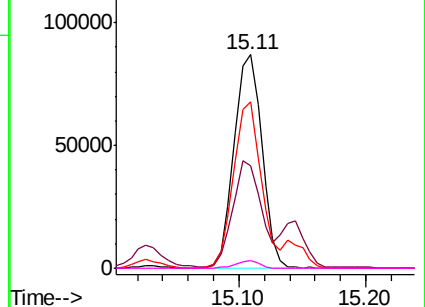


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.669 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

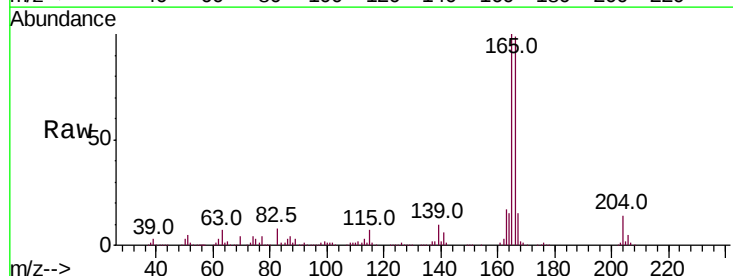
Tgt Ion:166 Resp: 385065

Ion Ratio Lower Upper

166 100

165 100.9 79.2 118.8

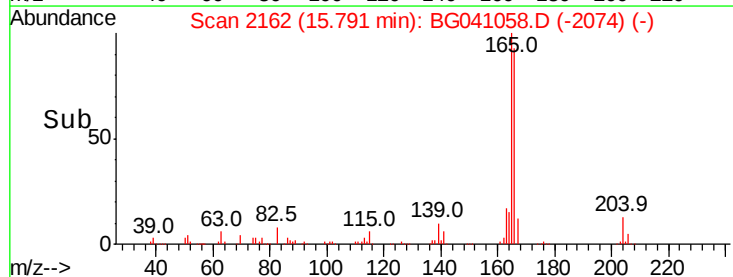
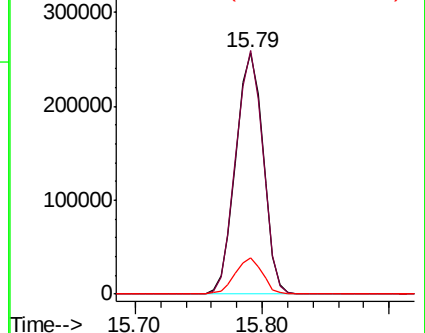
167 15.0 11.8 17.6

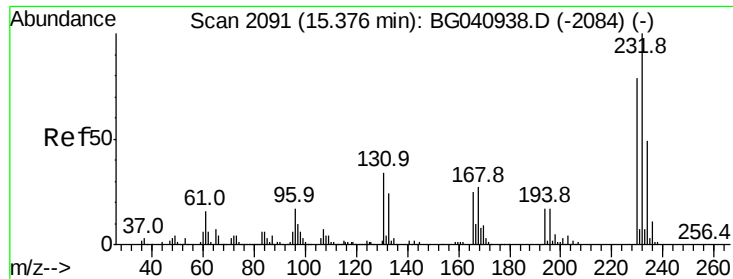


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

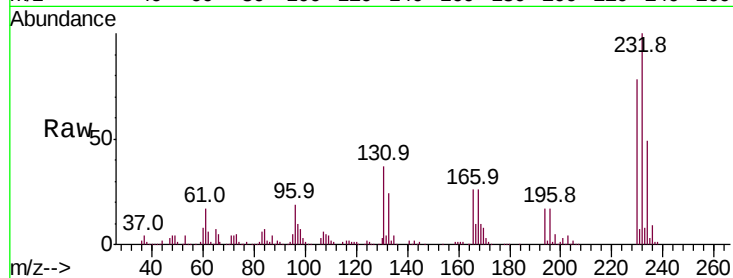




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.449 ng
RT: 15.36 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.0	30.3	45.5
130	2.5	1.8	2.8
166	26.7	21.3	31.9



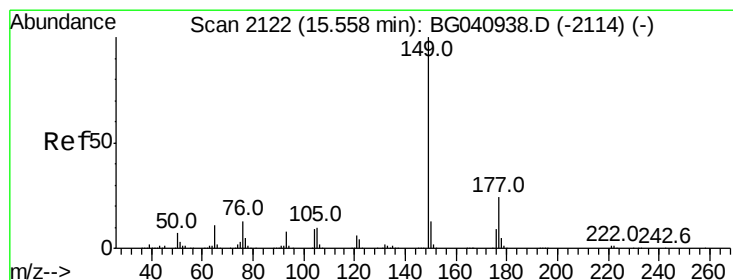
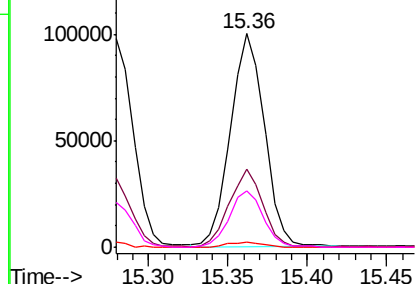
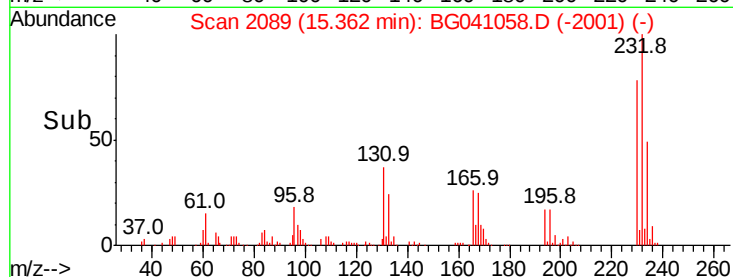
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

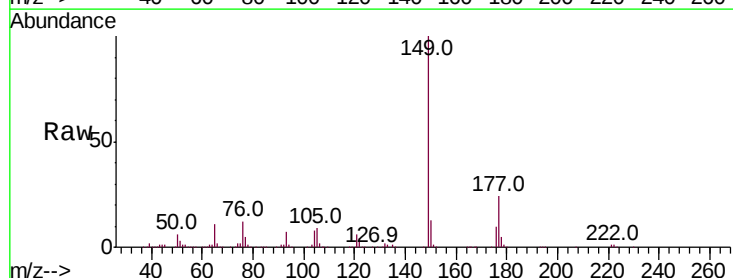
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 36.254 ng
RT: 15.54 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.4	29.0
150	12.5	10.3	15.5

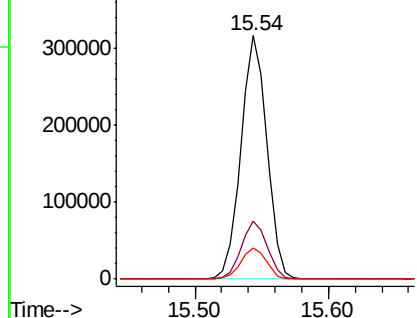
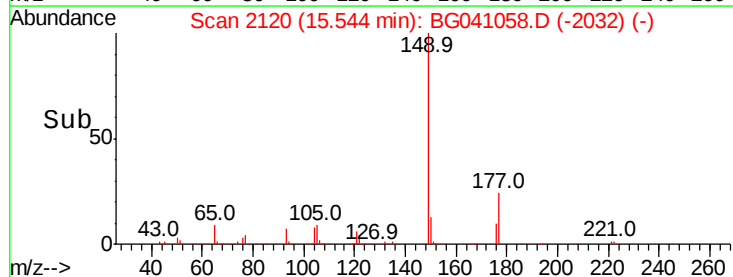


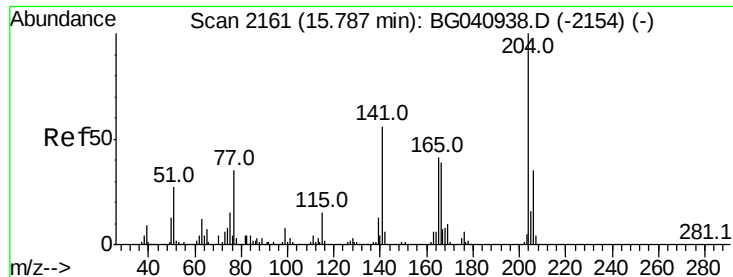
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

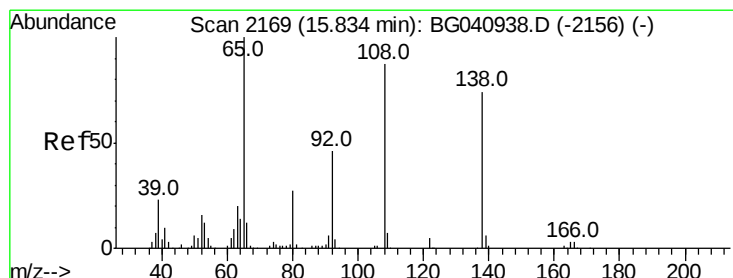
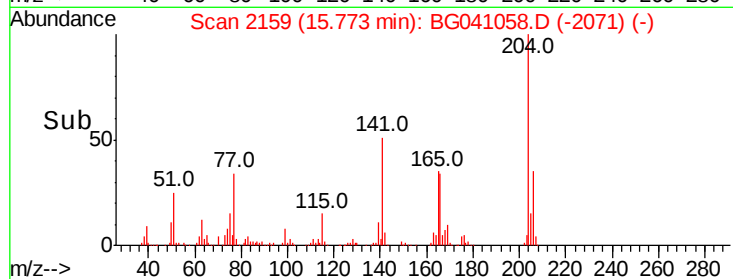
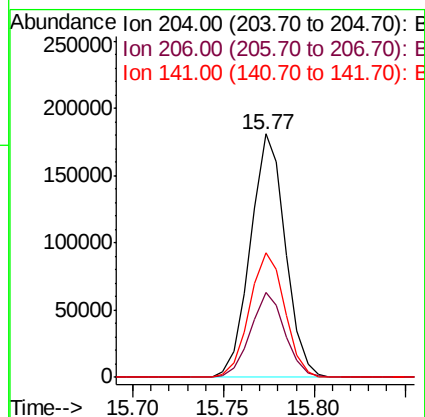
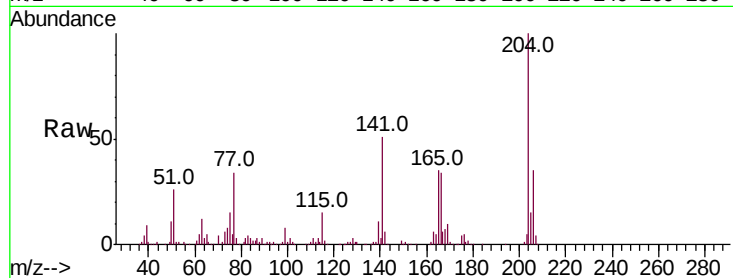




#61
4-Chlorophenyl-phenylether
Concen: 35.746 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

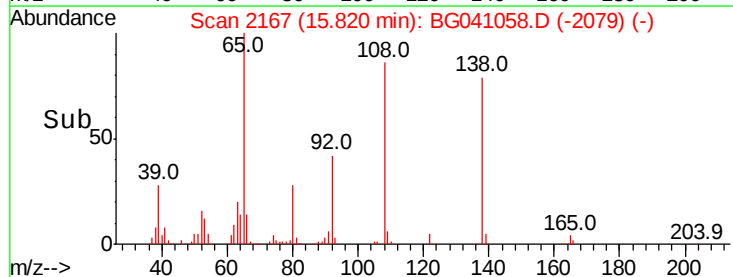
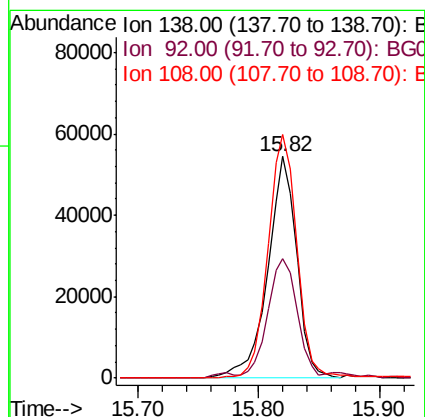
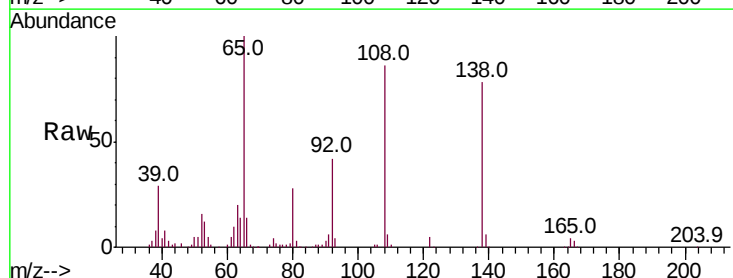
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

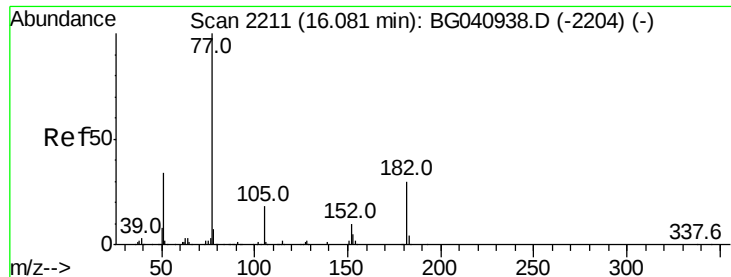
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.6	41.4
141	51.0	45.1	67.7



#62
4-Nitroaniline
Concen: 34.569 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	42.4	82.4
108	109.8	96.9	136.9





#63

Azobenzene

Concen: 35.834 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion: 77 Resp: 380546

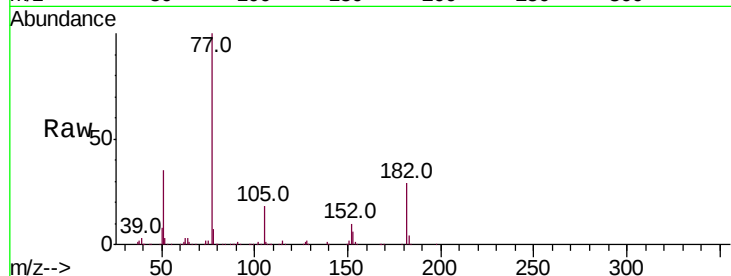
Ion Ratio Lower Upper

77 100

182 28.5 9.6 49.6

105 18.2 0.0 37.5

51 35.5 13.7 53.7

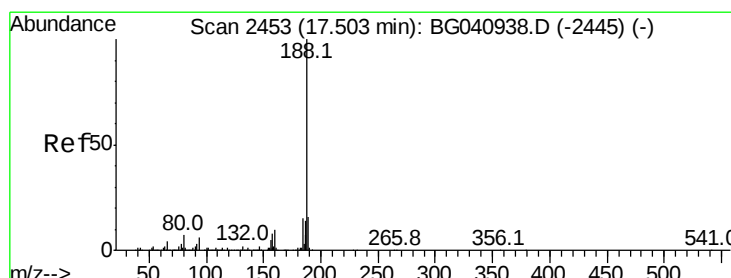
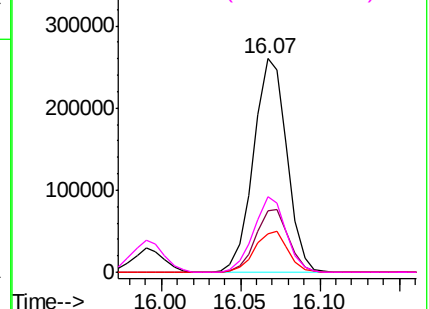
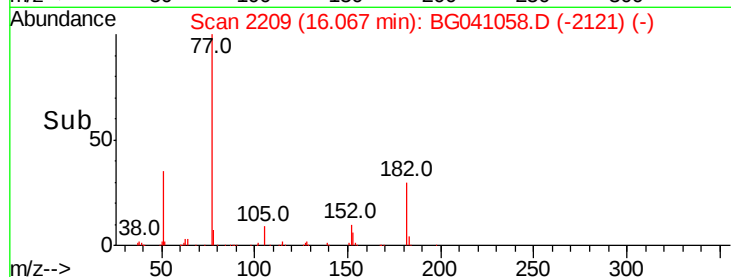


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

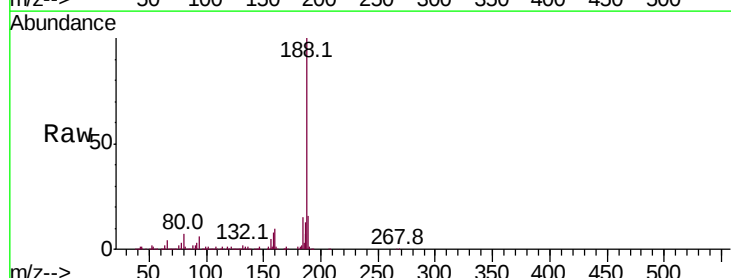
Tgt Ion: 188 Resp: 344242

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

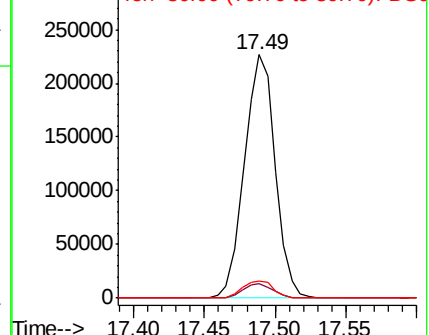
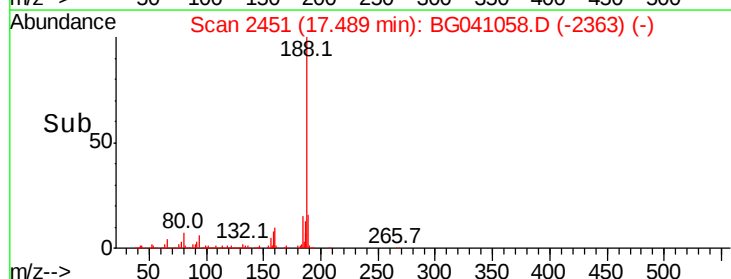
80 7.0 5.8 8.8

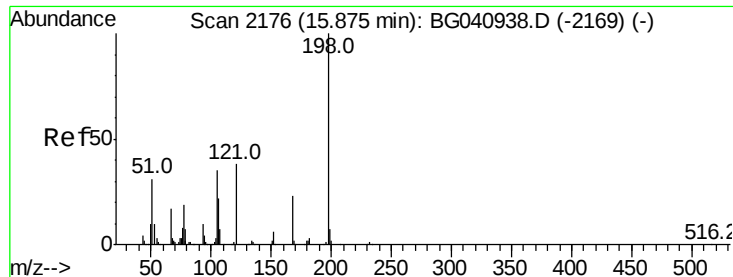


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.961 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

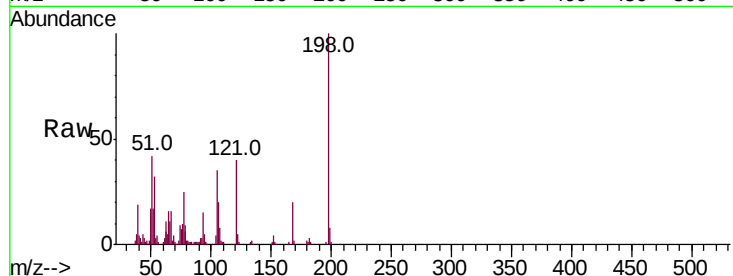
Tot Ion:198 Resp: 79470

Ion	Ratio	Lower	Upper
198	100		
51	42.0	21.6	61.6
105	35.0	17.5	57.5

198 100

51 42.0 21.6 61.6

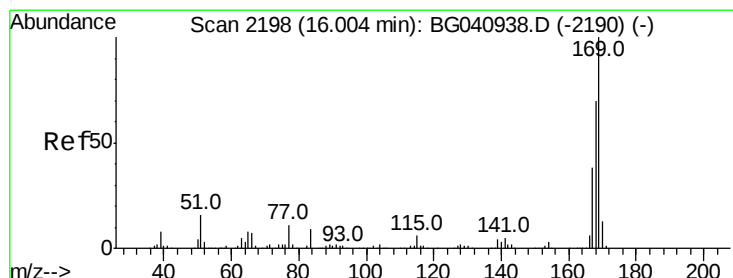
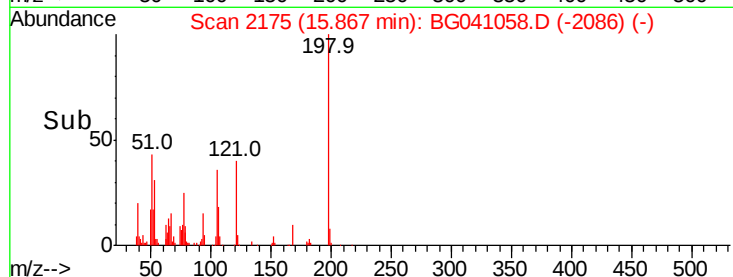
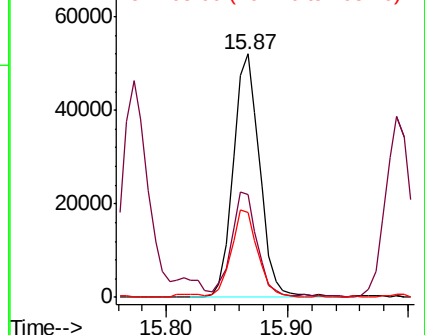
105 35.0 17.5 57.5



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: 37.074 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

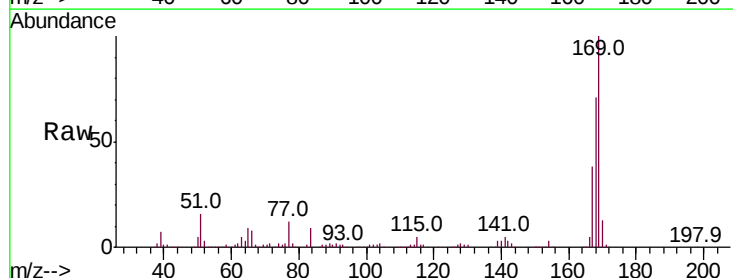
Tgt Ion:169 Resp: 358770

Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.7	83.5
167	37.8	30.2	45.2

169 100

168 70.9 55.7 83.5

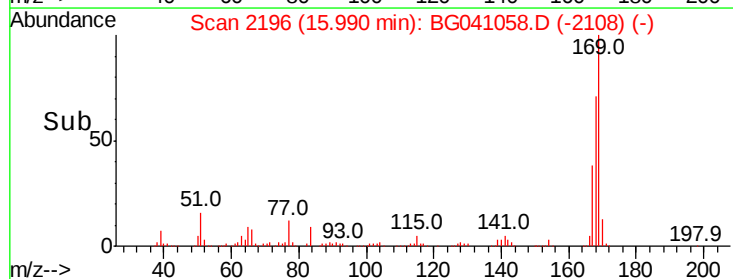
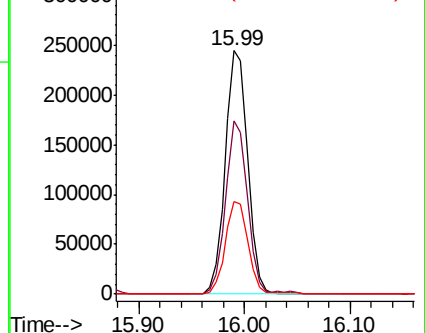
167 37.8 30.2 45.2

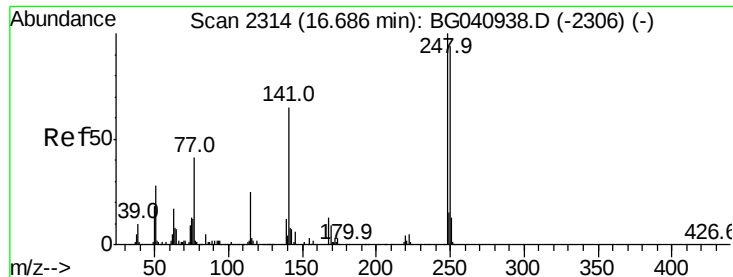


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

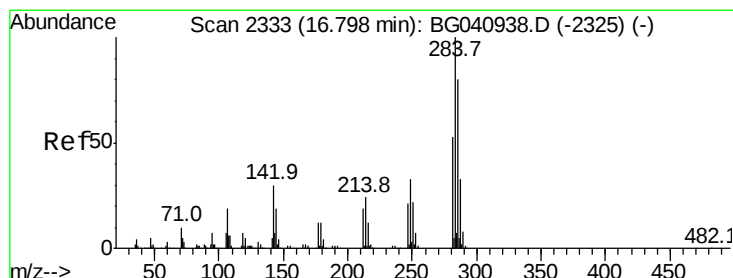
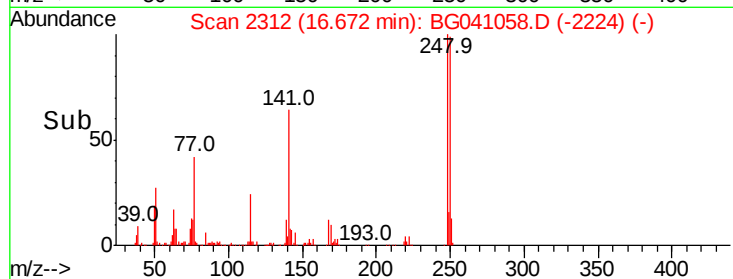
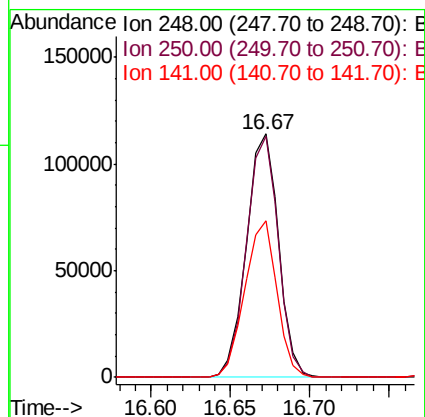
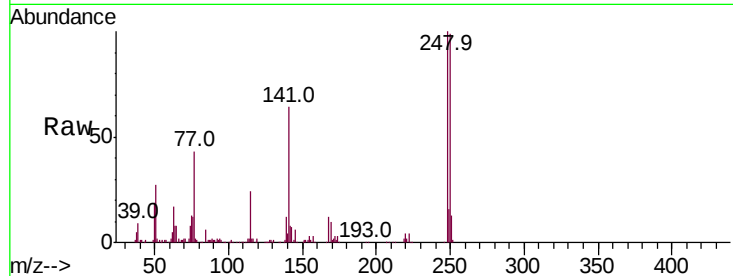




#67
4-Bromophenyl-phenylether
Concen: 34.548 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

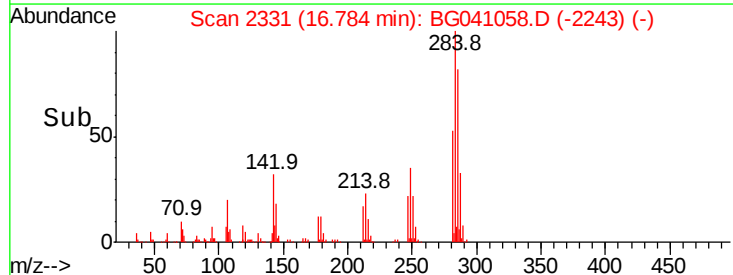
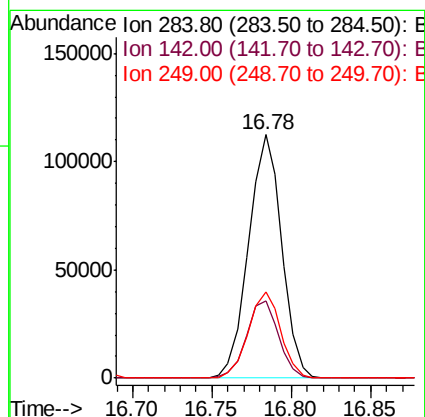
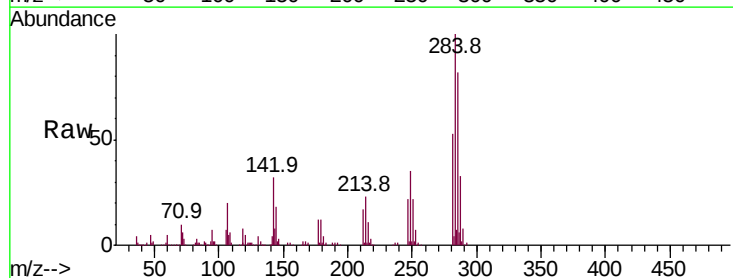
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

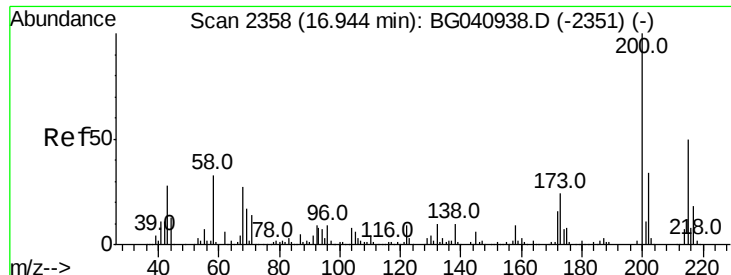
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.0	112.4
141	64.4	52.4	78.6



#68
Hexachlorobenzene
Concen: 32.971 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	23.9	35.9
249	37.7	26.8	40.2

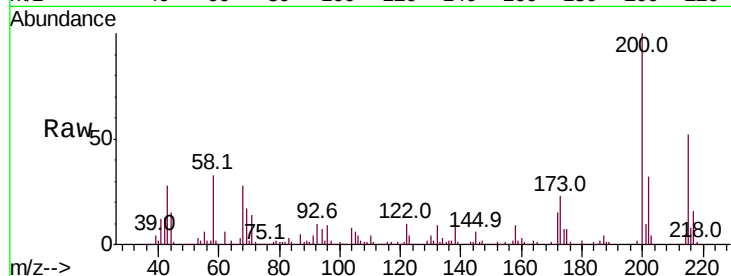




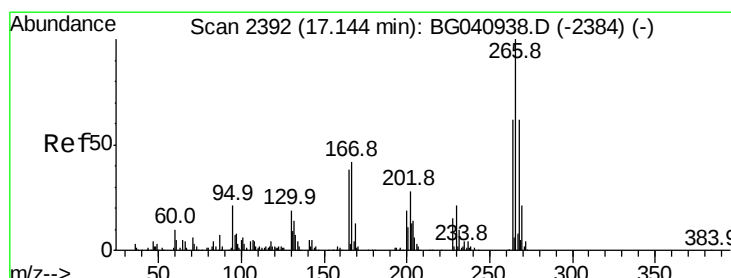
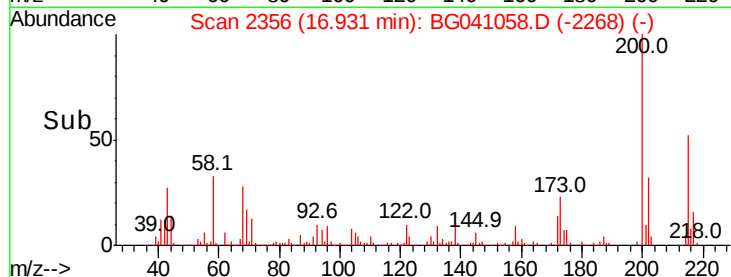
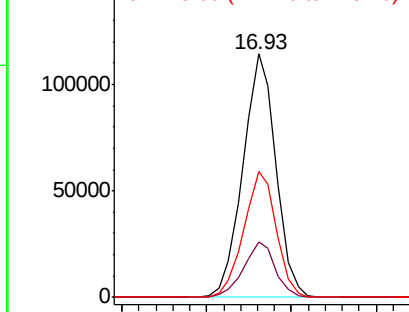
#69
Atrazine
Concen: 41.441 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:200 Resp: 154740
Ion Ratio Lower Upper
200 100
173 22.5 3.6 43.6
215 51.7 29.6 69.6

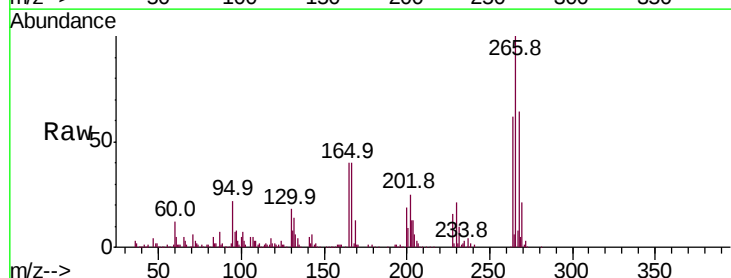


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

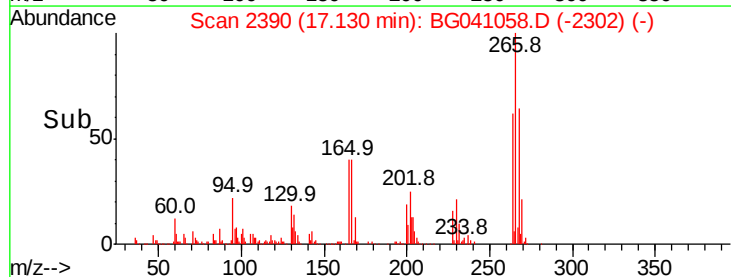
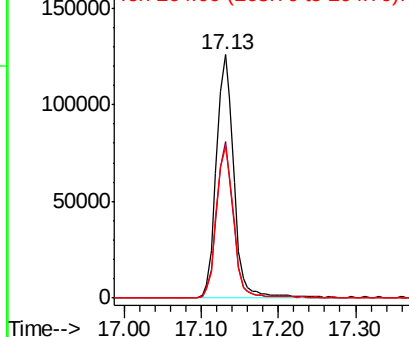


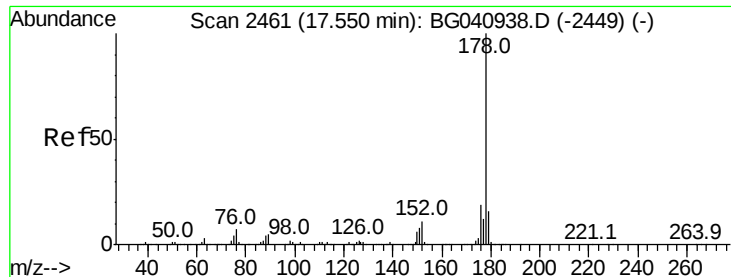
#70
Pentachlorophenol
Concen: 74.631 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:266 Resp: 196978
Ion Ratio Lower Upper
266 100
268 64.2 53.1 79.7
264 62.0 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

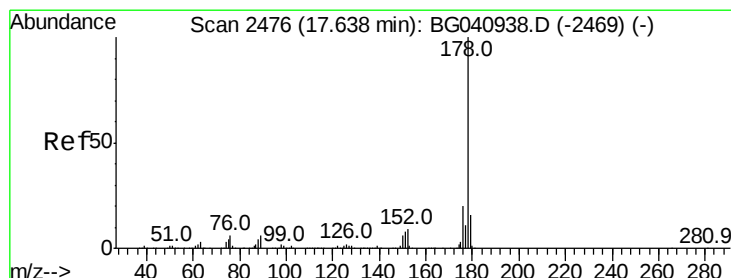
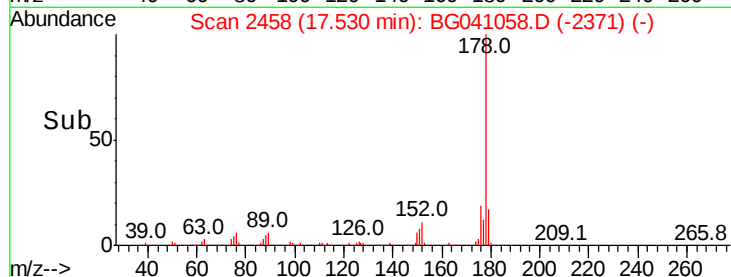
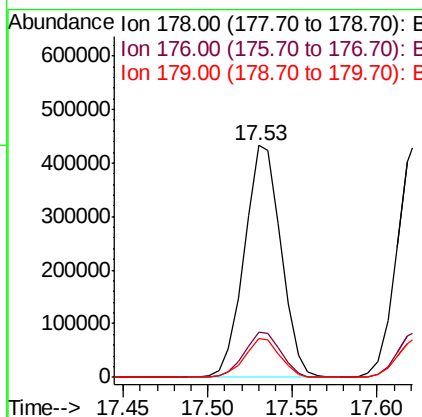
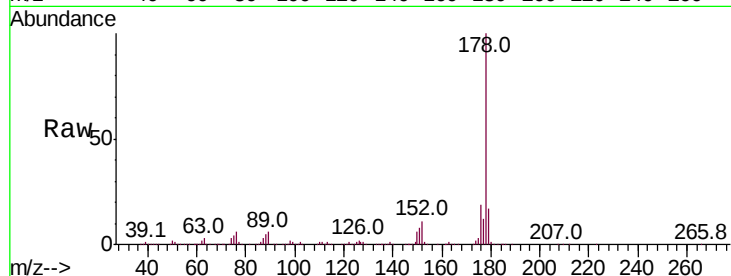




#71
Phenanthrene
Concen: 36.462 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

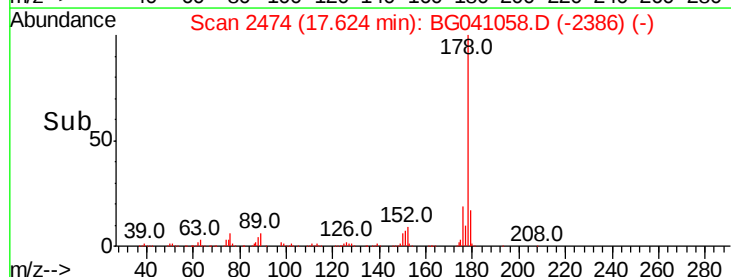
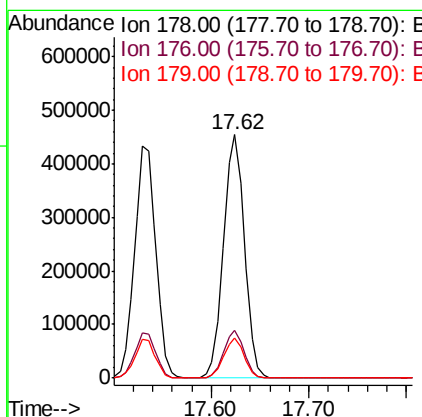
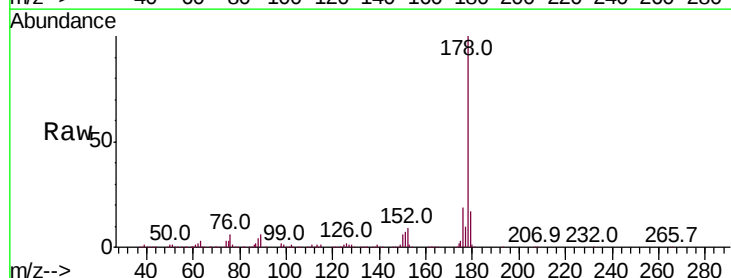
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

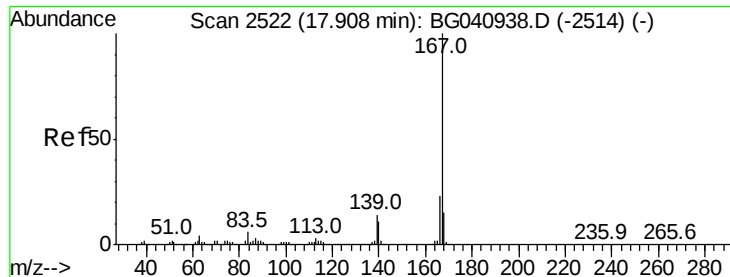
Tot Ion:178 Resp: 653809
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.6 12.7 19.1



#72
Anthracene
Concen: 38.228 ng
RT: 17.62 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:178 Resp: 676059
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.6 13.0 19.4





#73

Carbazole

Concen: 38.339 ng

RT: 17.89 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

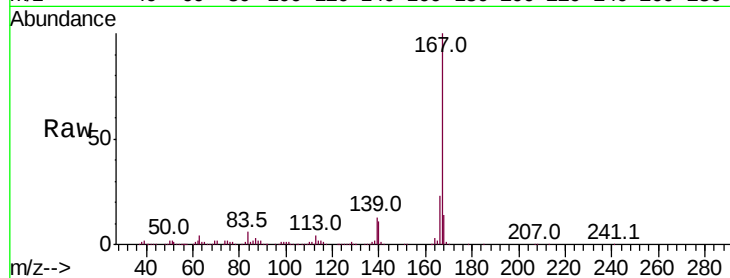
Tot Ion:167 Resp: 581765

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

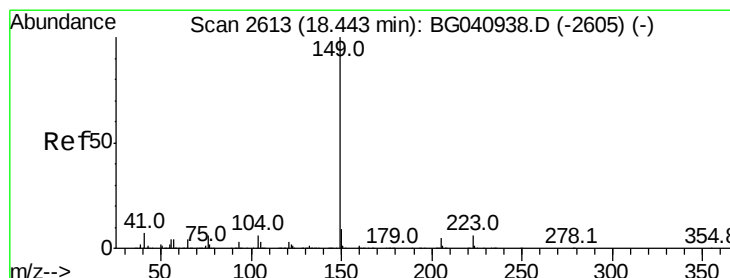
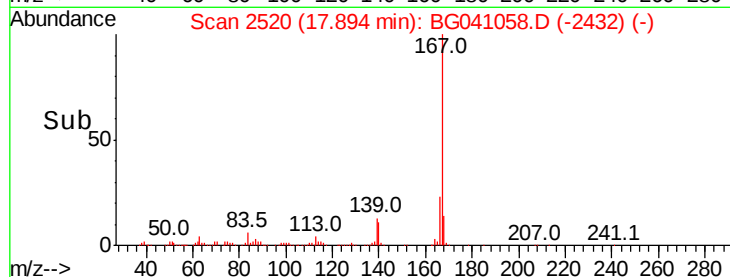
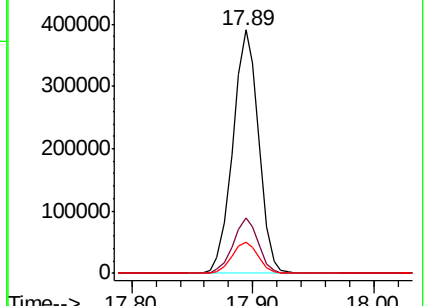
139 12.9 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.243 ng

RT: 18.42 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

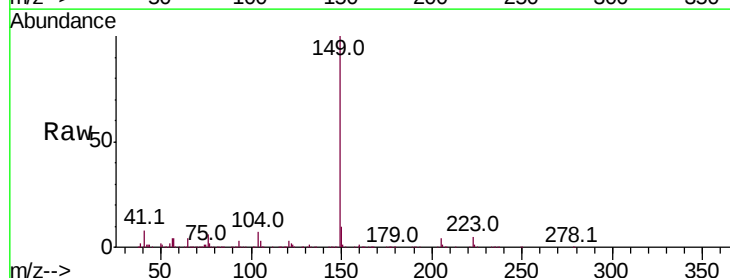
Tgt Ion:149 Resp: 683538

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

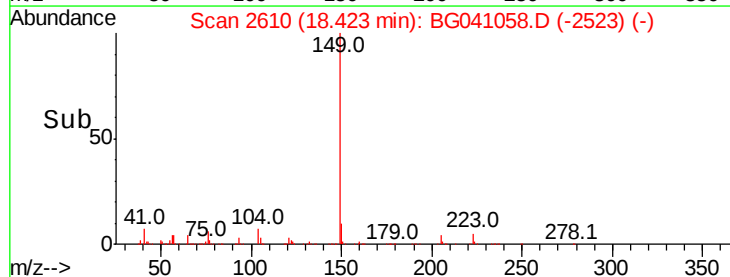
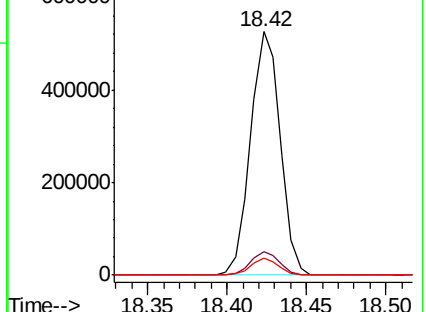
104 7.0 5.0 7.4

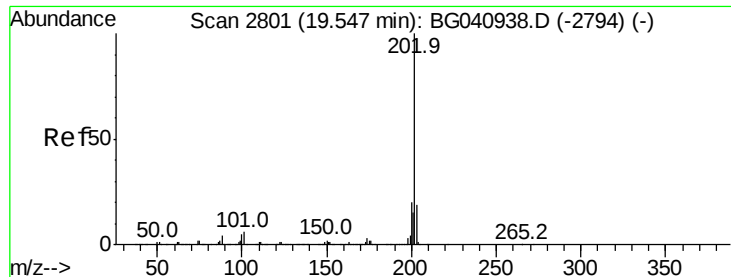


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.573 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

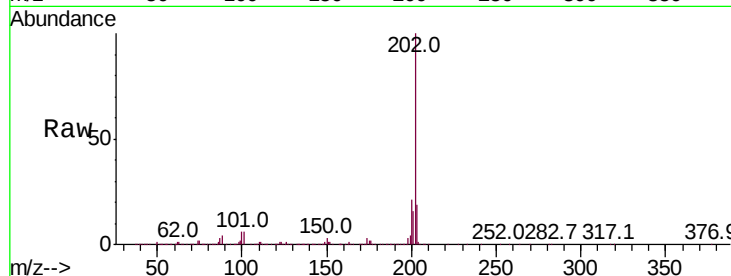
Tot Ion:202 Resp: 810008

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

600000

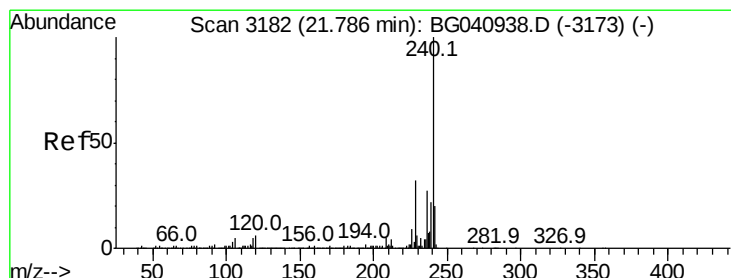
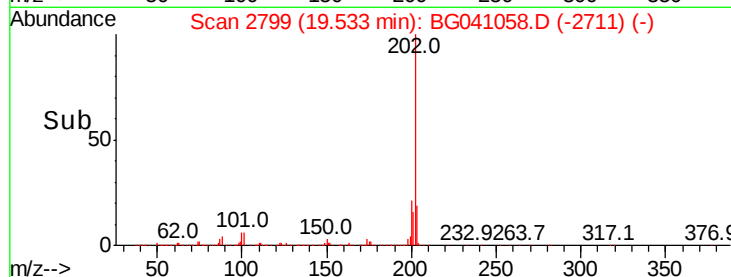
400000

200000

0

19.53

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

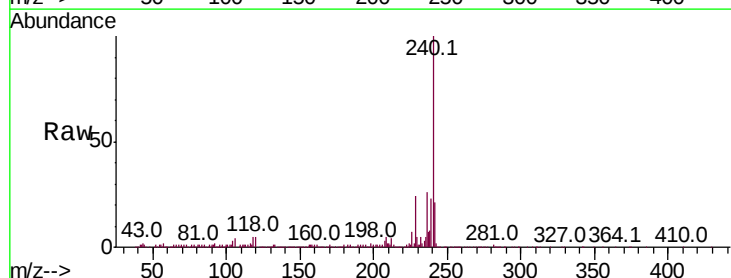
Tgt Ion:240 Resp: 328004

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

236 25.6 21.3 31.9



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

250000

200000

150000

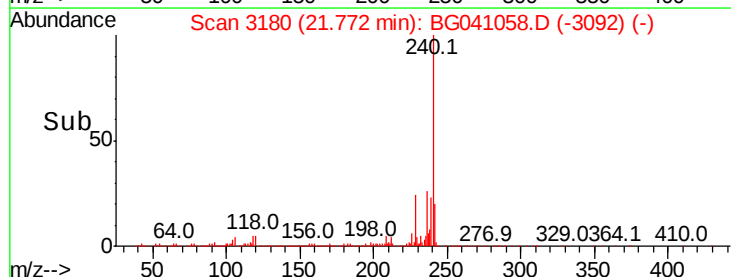
100000

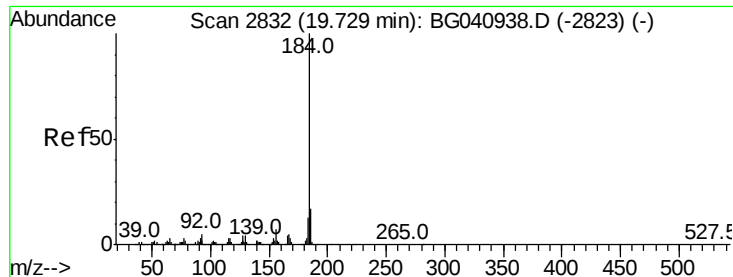
50000

0

21.77

Time-->





#77

Benzidine

Concen: 16.994 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

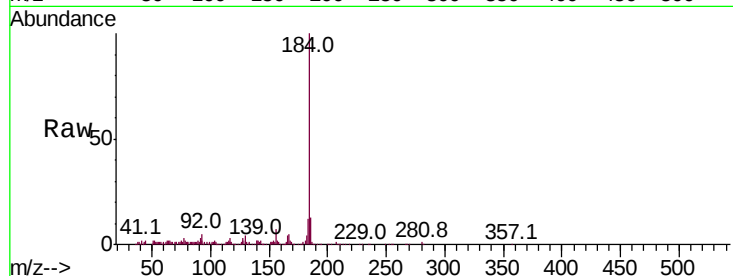
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:184 Resp: 132975

Ion	Ratio	Lower	Upper
184	100		
185	13.4	13.3	19.9
183	12.5	10.7	16.1

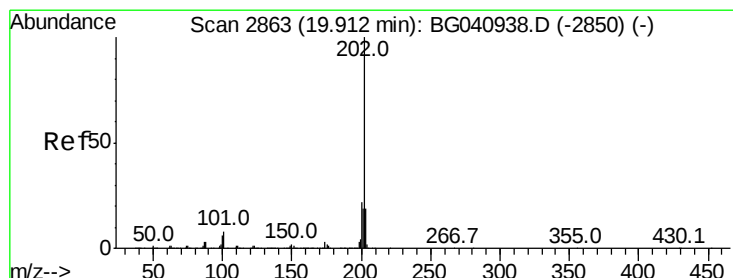
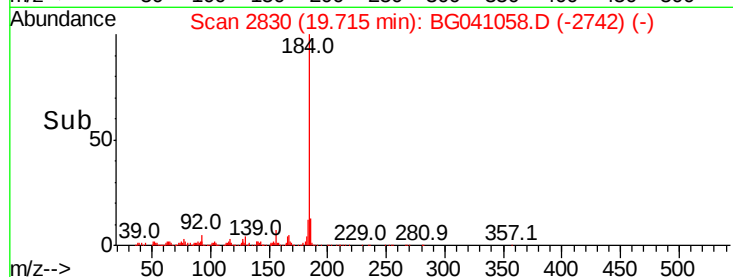
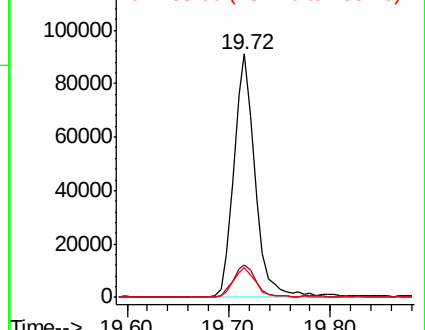


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.195 ng

RT: 19.90 min Scan# 2861

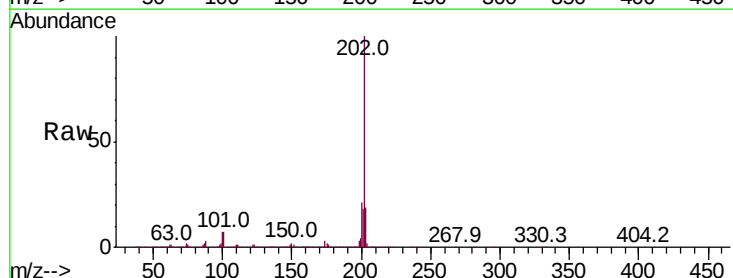
Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Tgt Ion:202 Resp: 814404

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	18.9	15.6	23.4

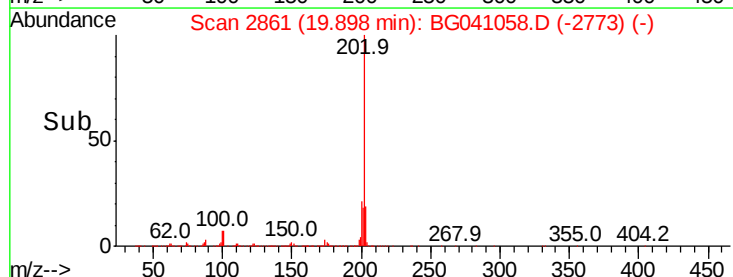
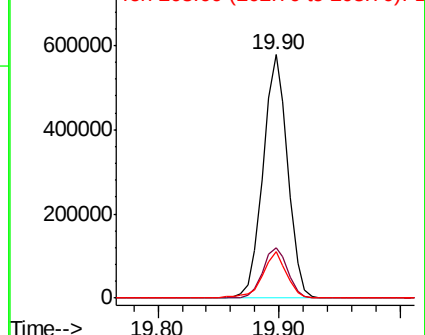


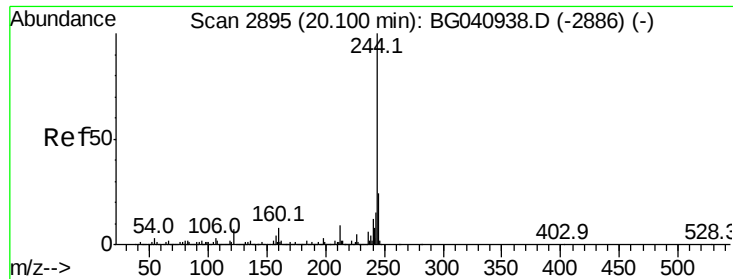
Abundance

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: 83.340 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

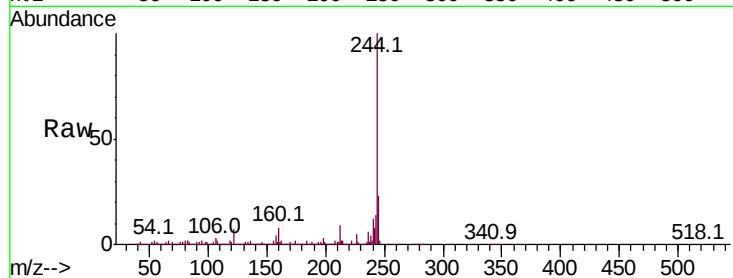
Tot Ion:244 Resp: 1287995

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.8	5.4	8.0

244 100

212 8.9 7.0 10.4

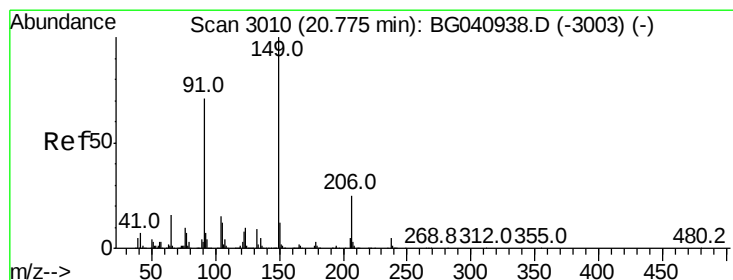
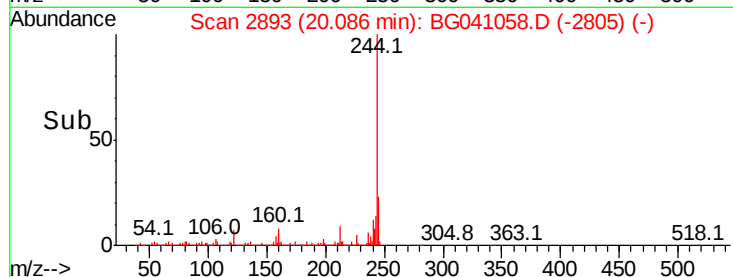
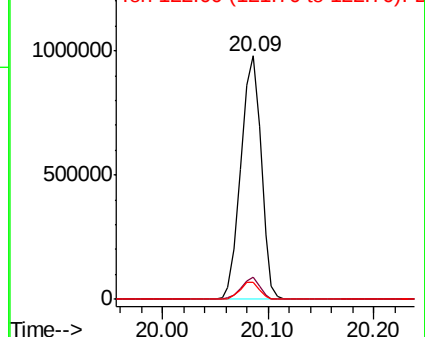
122 6.8 5.4 8.0



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: 35.922 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

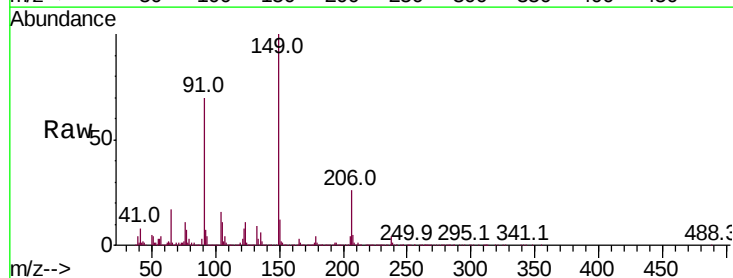
Tgt Ion:149 Resp: 298070

Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.5	84.7
206	26.4	20.3	30.5

149 100

91 69.7 56.5 84.7

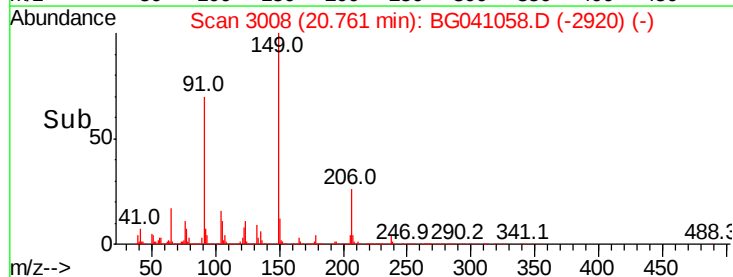
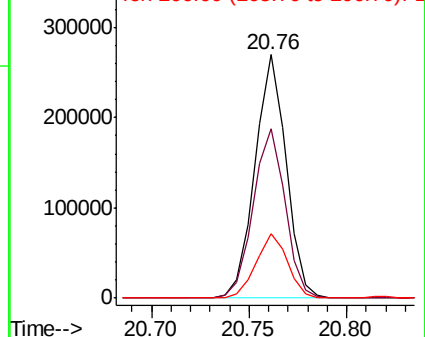
206 26.4 20.3 30.5

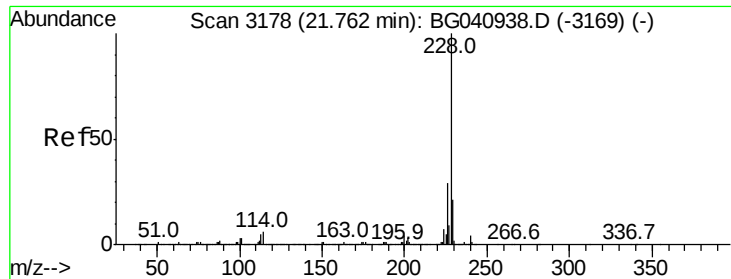


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

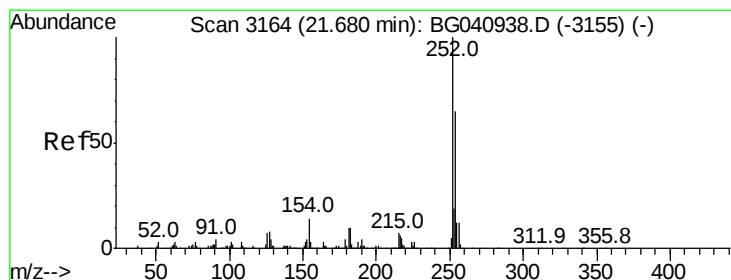
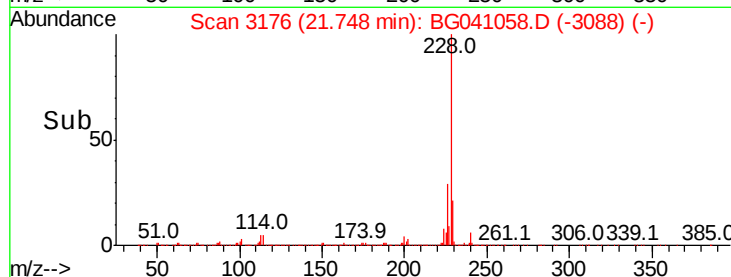
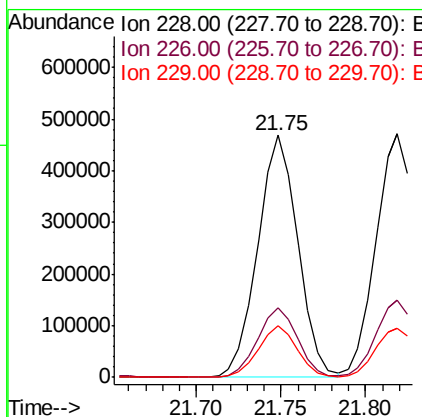
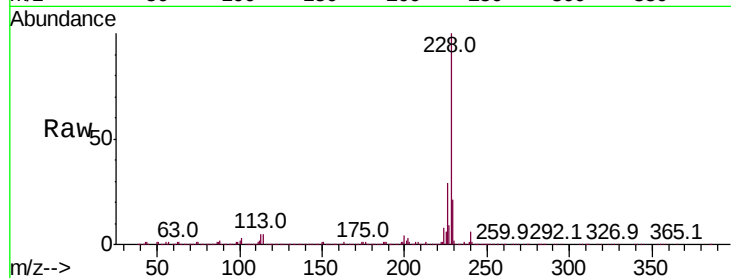




#81
Benzo(a)anthracene
Concen: 35.471 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

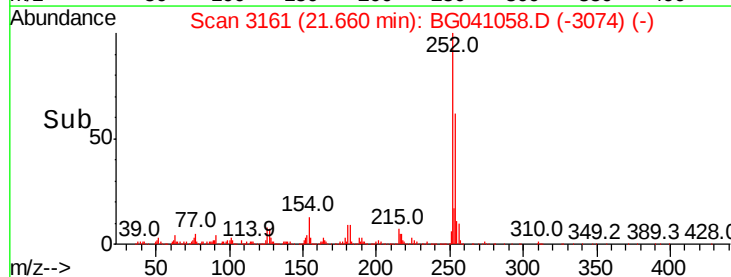
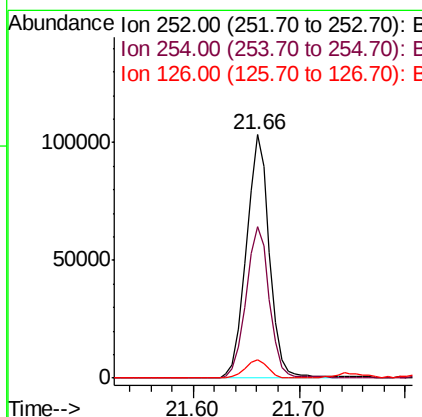
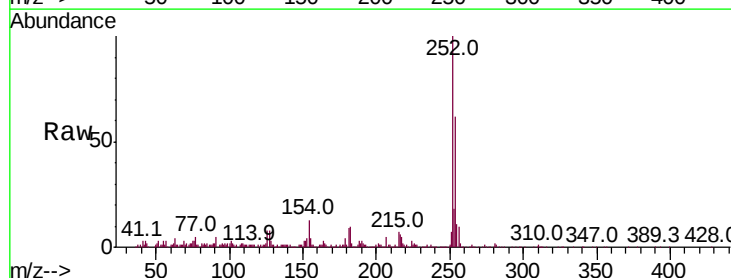
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

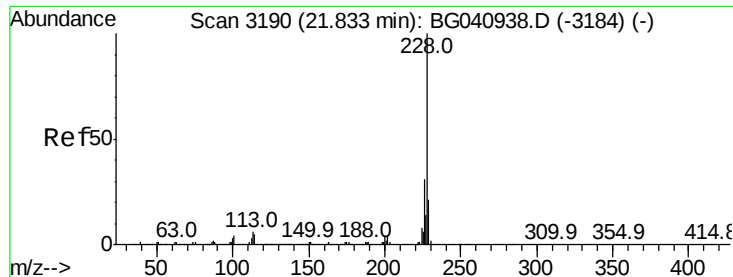
Tot Ion:228 Resp: 774484
Ion Ratio Lower Upper
228 100
226 29.0 23.5 35.3
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 20.428 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:252 Resp: 156880
Ion Ratio Lower Upper
252 100
254 62.0 52.1 78.1
126 7.7 5.5 8.3





#83

Chrysene

Concen: 36.869 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

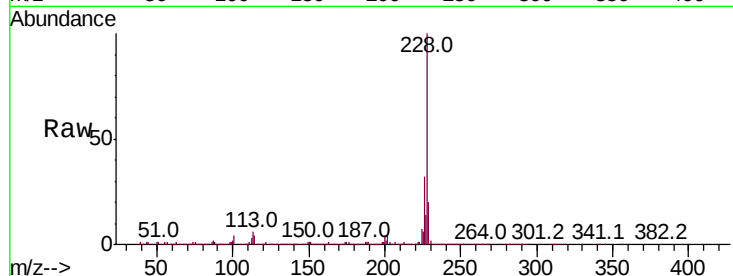
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:228 Resp: 770347

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	20.2	16.6	24.8

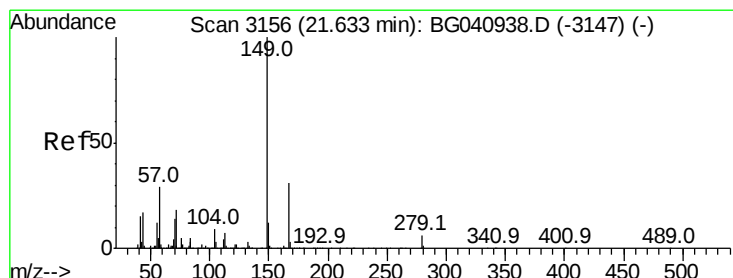
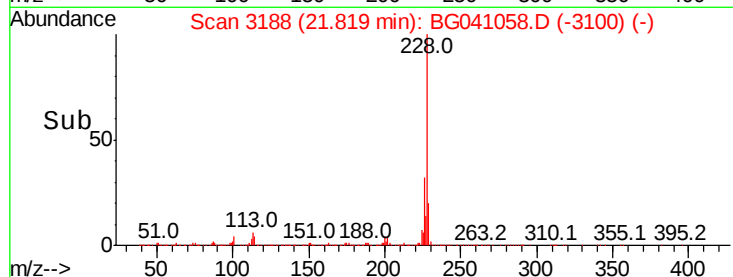
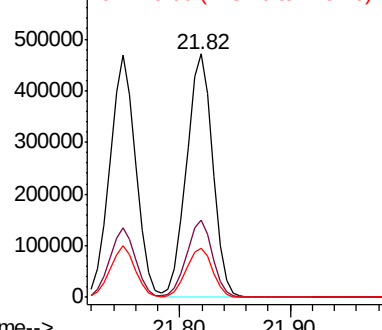


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.592 ng

RT: 21.61 min Scan# 3153

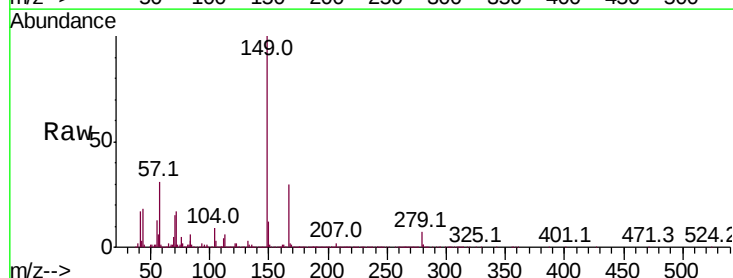
Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Tgt Ion:149 Resp: 415746

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.6	37.0
279	6.7	5.0	7.6

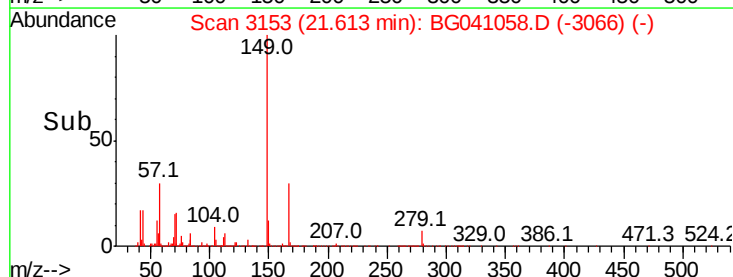
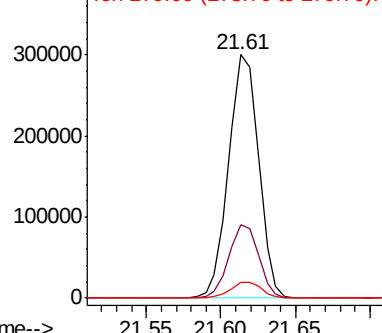


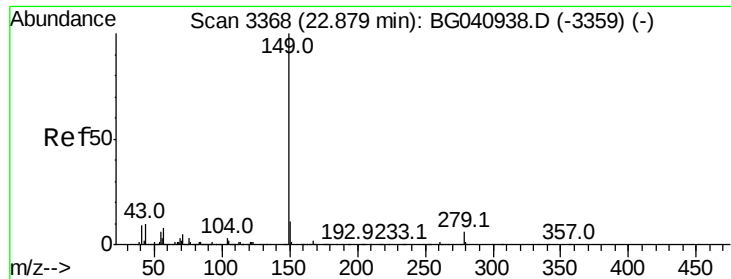
Abundance

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: 37.267 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

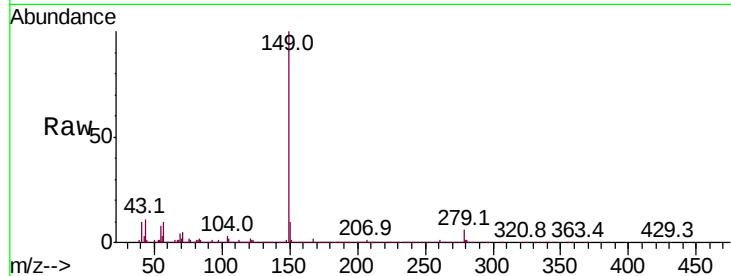
Tot Ion:149 Resp: 724999

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

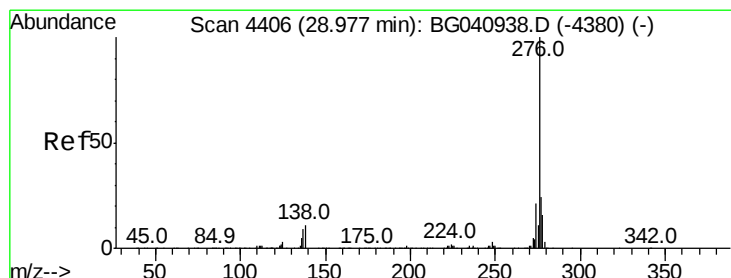
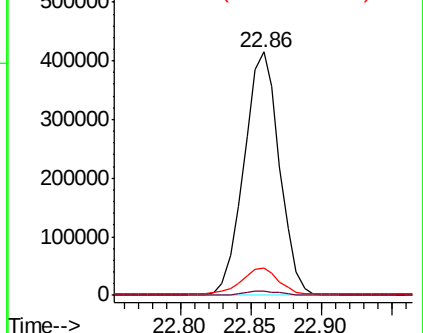
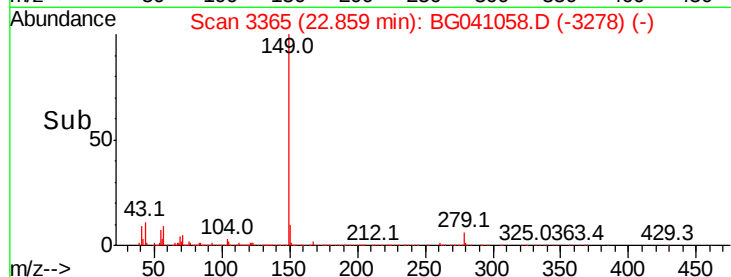
43 10.7 8.1 12.1



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: 37.067 ng

RT: 28.94 min Scan# 4400

Delta R.T. -0.04 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

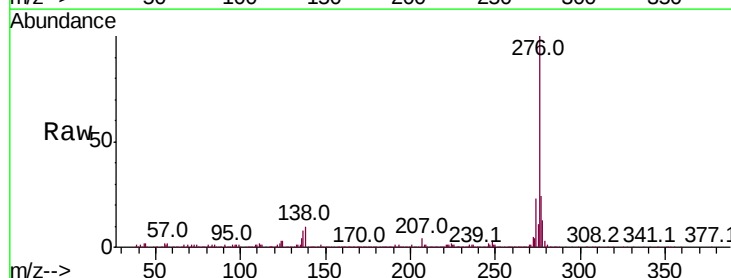
Tgt Ion:276 Resp: 948718

Ion Ratio Lower Upper

276 100

138 9.3 5.7 8.5#

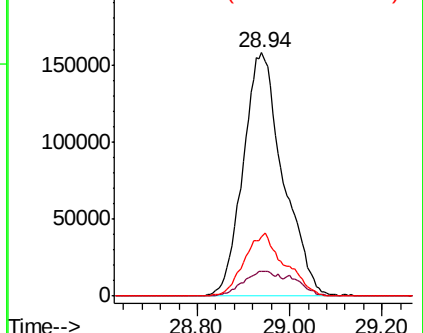
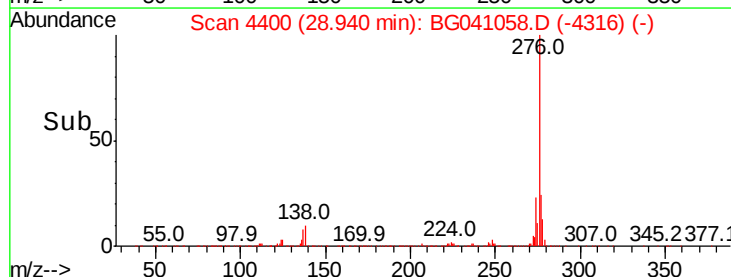
277 25.9 20.8 31.2

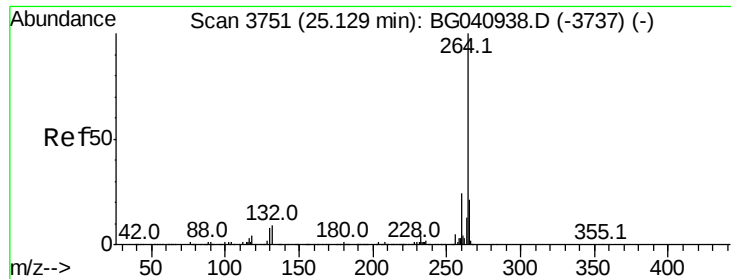


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3747

Delta R.T. -0.03 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

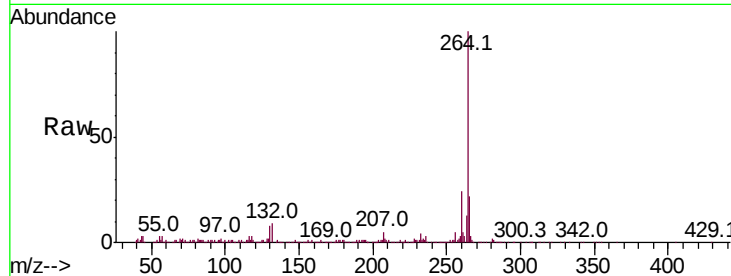
Tot Ion:264 Resp: 346611

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.6 17.0 25.4

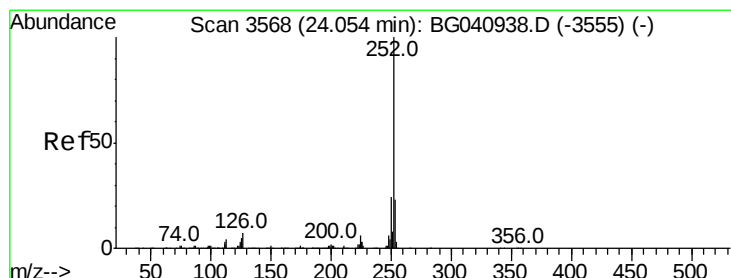
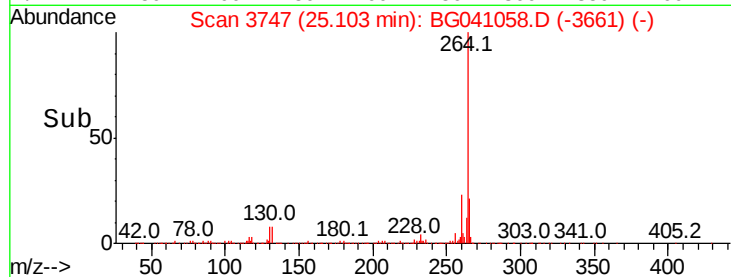
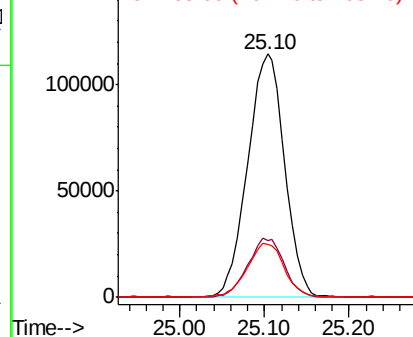


Abundance

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: 37.735 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.02 min

Lab File: BG041058.D

Acq: 4 Jun 2019 13:09

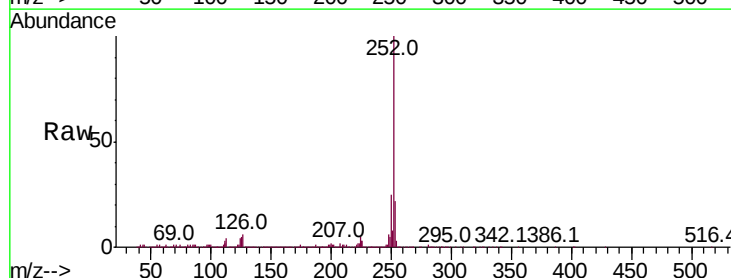
Tgt Ion:252 Resp: 793316

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 4.8 4.3 6.5

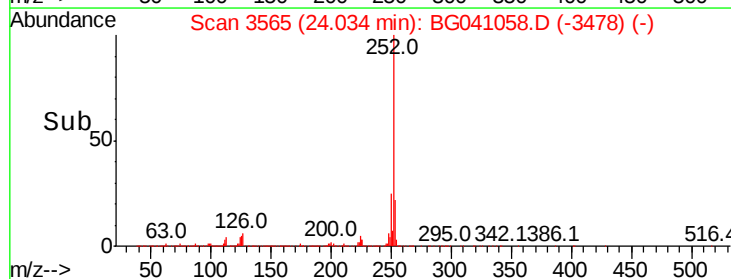
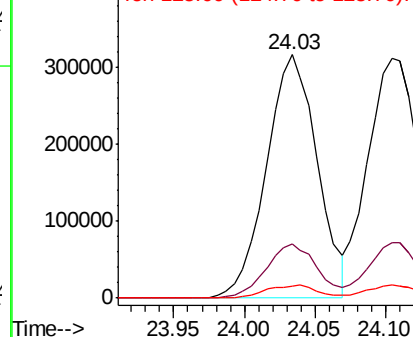


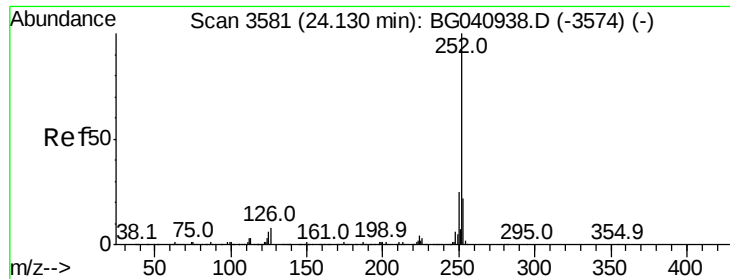
Abundance

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

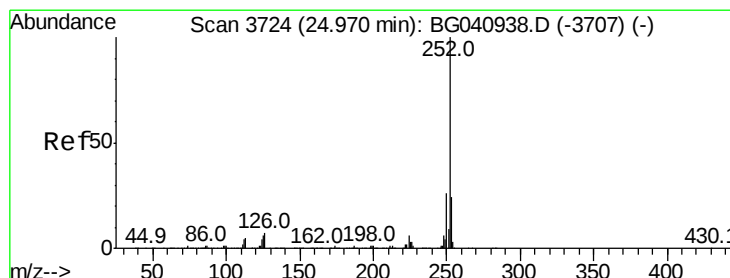
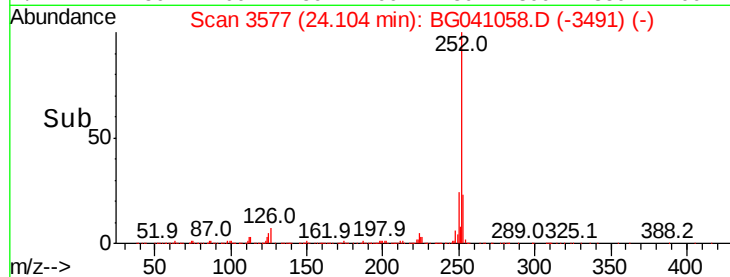
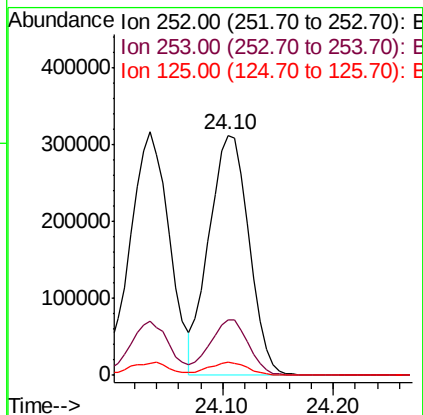
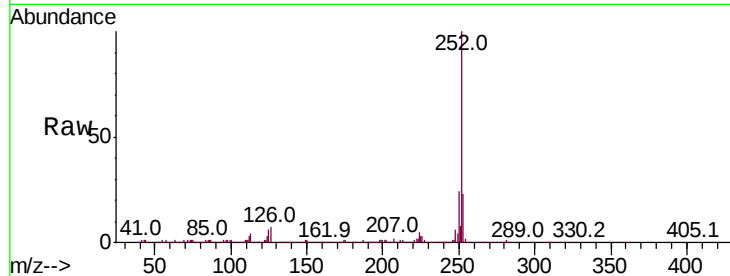




#89
Benzo(k)fluoranthene
Concen: 37.453 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.03 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

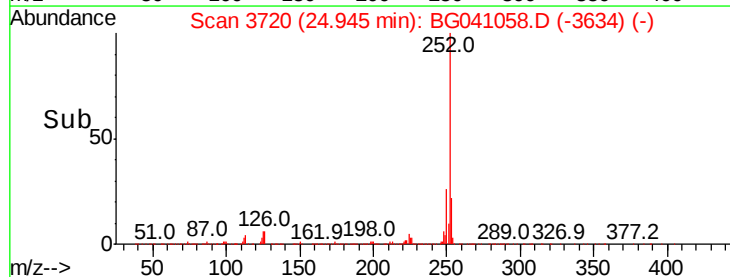
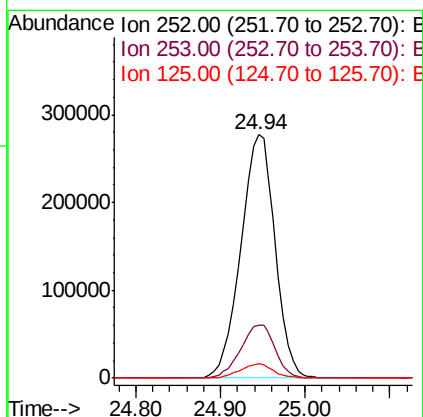
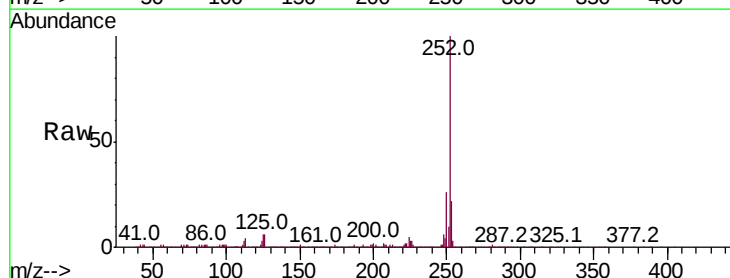
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

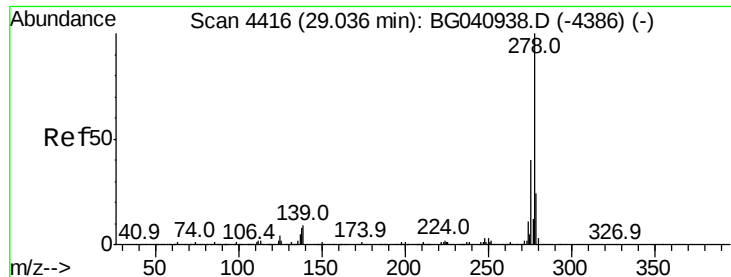
Tot Ion:252 Resp: 779167
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 38.852 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:252 Resp: 779274
Ion Ratio Lower Upper
252 100
253 21.9 19.5 29.3
125 6.1 5.1 7.7

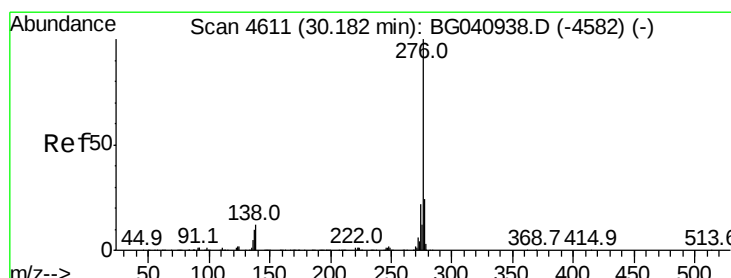
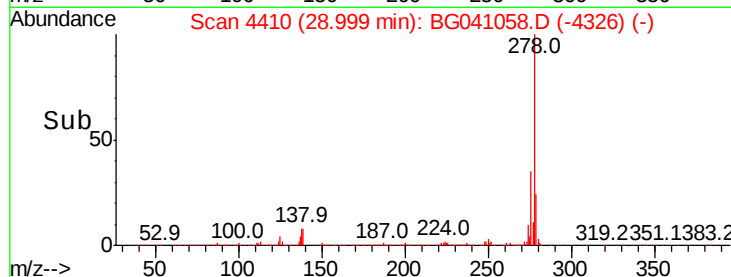
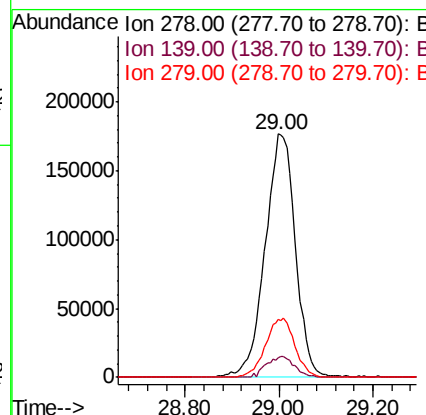
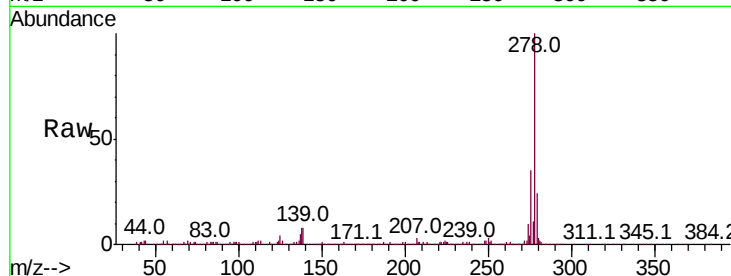




#91
Dibenzo(a,h)anthracene
Concen: 39.497 ng
RT: 29.00 min Scan# 4410
Delta R.T. -0.04 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:278 Resp: 791583
Ion Ratio Lower Upper
278 100
139 7.9 7.1 10.7
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 40.640 ng
RT: 30.16 min Scan# 4607
Delta R.T. -0.03 min
Lab File: BG041058.D
Acq: 4 Jun 2019 13:09

Tgt Ion:276 Resp: 791300
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 9.7 9.7 14.5

