

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040216.D
 Acq On : 29 Mar 2019 2:24
 Operator : JU/SJ
 Sample : K2107-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Quant Time: Mar 29 05:49:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50814	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	206842	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	136088	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	351397	20.00	ng	0.00
76) Chrysene-d12	21.72	240	364881	20.00	ng	0.00
87) Perylene-d12	25.03	264	382737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	373601	122.23	ng	0.00
7) Phenol-d6	7.22	99	476949	112.91	ng	0.00
23) Nitrobenzene-d5	9.25	82	342592	88.04	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	227315	154.56	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	771285	83.98	ng	0.00
79) Terphenyl-d14	20.04	244	1410693	86.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47614	33.128	ng	# 1
3) Pyridine	3.93	79	111642	28.850	ng	99
4) n-Nitrosodimethylamine	3.85	42	59149	33.043	ng	# 84
6) Aniline	7.40	93	55975	10.199	ng	100
8) 2-Chlorophenol	7.63	128	143396	40.076	ng	98
9) Benzaldehyde	7.21	77	34753	11.993	ng	96
10) Phenol	7.25	94	160291	34.958	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	141568	38.549	ng	98
12) 1,3-Dichlorobenzene	7.96	146	136996	35.221	ng	97
13) 1,4-Dichlorobenzene	8.11	146	138192	35.672	ng	99
14) 1,2-Dichlorobenzene	8.42	146	135471	36.568	ng	97
15) Benzyl Alcohol	8.31	79	127125	37.367	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	263993	37.456	ng	99
17) 2-Methylphenol	8.50	107	127620	40.223	ng	98
18) Hexachloroethane	9.15	117	49950	33.897	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	114844	37.918	ng	98
20) 3+4-Methylphenols	8.83	107	173972	40.475	ng	98
22) Acetophenone	8.90	105	223435	43.304	ng	# 98
24) Nitrobenzene	9.29	77	169177	41.983	ng	94
25) Isophorone	9.80	82	344581	43.036	ng	98
26) 2-Nitrophenol	10.00	139	77682	40.684	ng	95
27) 2,4-Dimethylphenol	10.04	122	148202	48.863	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	198872	41.982	ng	97
29) 2,4-Dichlorophenol	10.53	162	153516	46.632	ng	100
30) 1,2,4-Trichlorobenzene	10.74	180	142451	39.407	ng	95
31) Naphthalene	10.94	128	439794	41.482	ng	99
32) Benzoic acid	10.04	122	148202	80.874	ng	# 16
33) 4-Chloroaniline	11.05	127	10620	2.348	ng	# 89
34) Hexachlorobutadiene	11.20	225	85811	37.118	ng	91
35) Caprolactam	11.83	113	23572	18.043	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	177515	46.904	ng	100
37) 2-Methylnaphthalene	12.54	142	334480	42.657	ng	99
38) 1-Methylnaphthalene	12.75	142	326519	42.943	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	168020	38.845	ng	98

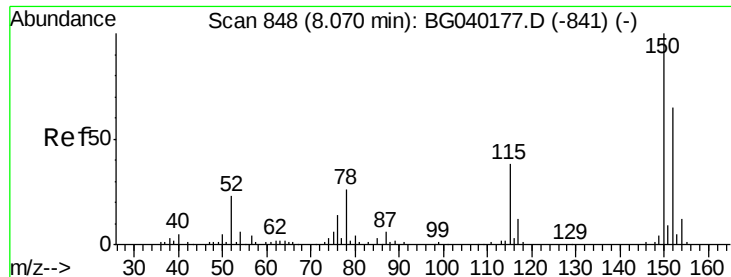
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040216.D
 Acq On : 29 Mar 2019 2:24
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	190368	80.157	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	126666	45.421	ng	95
44) 2,4,5-Trichlorophenol	13.21	196	138216	45.472	ng	97
46) 1,1'-Biphenyl	13.53	154	445859	41.465	ng	98
47) 2-Chloronaphthalene	13.58	162	347873	42.177	ng	98
48) 2-Nitroaniline	13.79	65	122665	44.090	ng	98
49) Acenaphthylene	14.43	152	596387	42.647	ng	98
50) Dimethylphthalate	14.15	163	492545	46.245	ng	99
51) 2,6-Dinitrotoluene	14.28	165	111674	46.696	ng	99
52) Acenaphthene	14.77	154	346693	43.265	ng	98
53) 3-Nitroaniline	14.62	138	21549	8.512	ng	93
54) 2,4-Dinitrophenol	14.82	184	32829	25.812	ng	96
55) Dibenzofuran	15.10	168	572311	44.447	ng	99
56) 4-Nitrophenol	14.91	139	164862	80.692	ng	97
57) 2,4-Dinitrotoluene	15.07	165	158105	47.579	ng	98
58) Fluorene	15.74	166	456880	45.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	135209	49.019	ng	98
60) Diethylphthalate	15.50	149	526862	48.341	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	245262	45.324	ng	100
62) 4-Nitroaniline	15.78	138	113632	41.827	ng	98
63) Azobenzene	16.03	77	471741	45.887	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40719	20.625	ng	98
66) n-Nitrosodiphenylamine	15.95	169	441459	42.932	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	166637	42.139	ng	99
68) Hexachlorobenzene	16.74	284	167885	42.225	ng	98
69) Atrazine	16.89	200	170042	44.454	ng	98
70) Pentachlorophenol	17.09	266	163826	71.269	ng	98
71) Phenanthrene	17.49	178	827453	44.800	ng	99
72) Anthracene	17.58	178	843136	45.607	ng	100
73) Carbazole	17.85	167	800659	45.763	ng	99
74) Di-n-butylphthalate	18.39	149	966449	46.601	ng	99
75) Fluoranthene	19.49	202	1027895	46.998	ng	99
77) Benzidine	19.68	184	109655	8.322	ng	94
78) Pyrene	19.86	202	1043340	43.481	ng	98
80) Butylbenzylphthalate	20.73	149	446065	43.443	ng	96
81) Benzo(a)anthracene	21.71	228	958981	42.669	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	95945	11.222	ng	# 97
83) Chrysene	21.77	228	927810	42.955	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	634275	43.214	ng	99
85) Di-n-octyl phthalate	22.80	149	1091464	43.647	ng	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1163739	44.052	ng	# 93
88) Benzo(b)fluoranthene	23.97	252	1030118	43.961	ng	99
89) Benzo(k)fluoranthene	24.04	252	985042	45.712	ng	99
90) Benzo(a)pyrene	24.87	252	998497	45.415	ng	99
91) Dibenzo(a,h)anthracene	28.88	278	953628	46.702	ng	100
92) Benzo(g,h,i)perylene	30.01	276	956311	45.571	ng	99

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

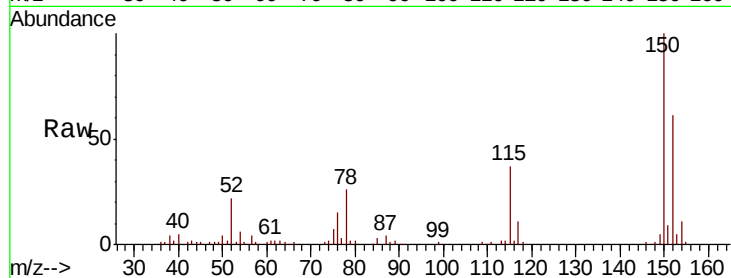


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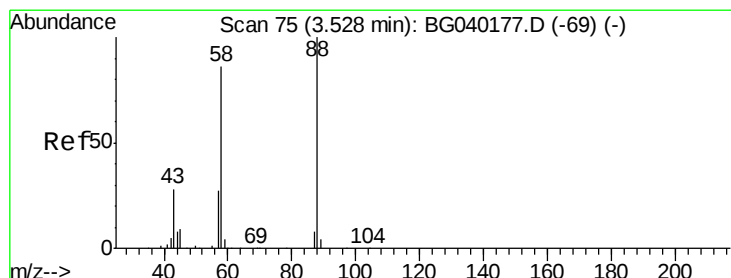
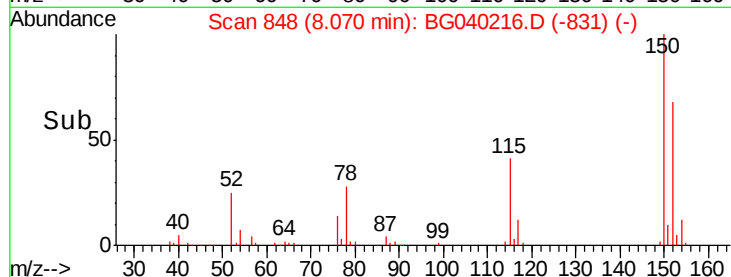
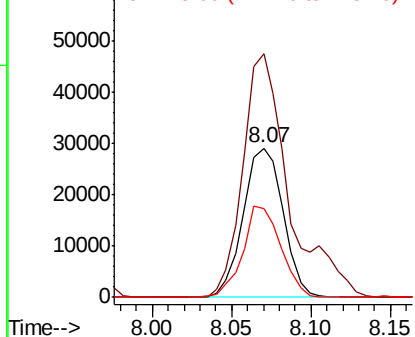
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:152 Resp: 50814
Ion Ratio Lower Upper
152 100
150 163.5 123.7 185.5
115 60.0 46.9 70.3



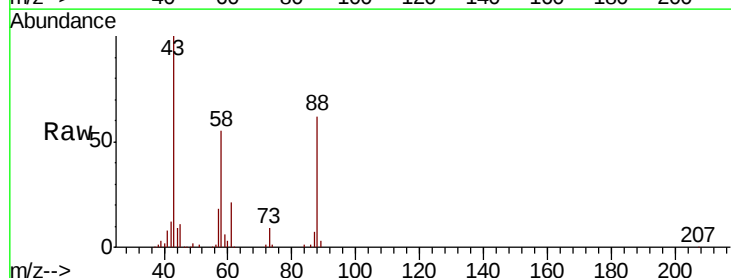
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



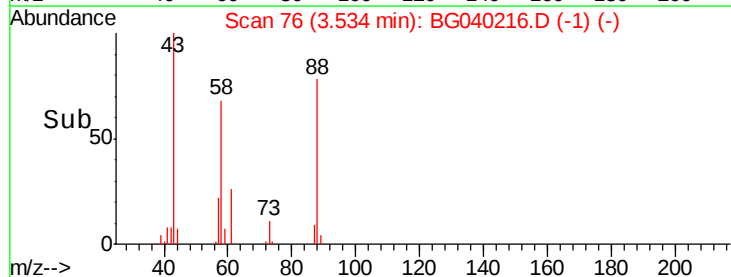
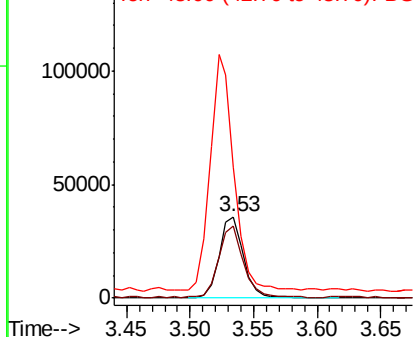
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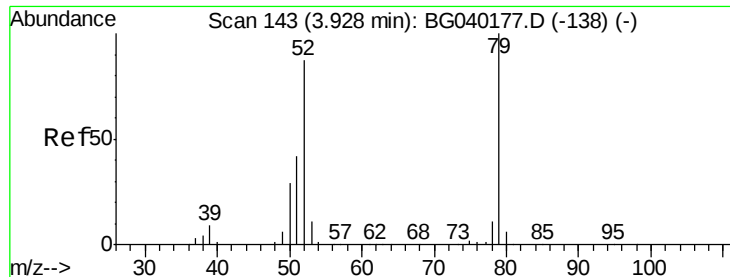
1,4-Dioxane
Concen: 33.128 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion: 88 Resp: 47614
Ion Ratio Lower Upper
88 100
58 91.1 70.6 106.0
43 284.2 24.8 37.2#



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





#3

Pyridine

Concen: 28.850 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

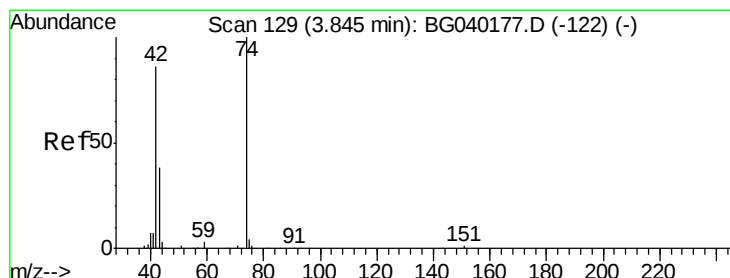
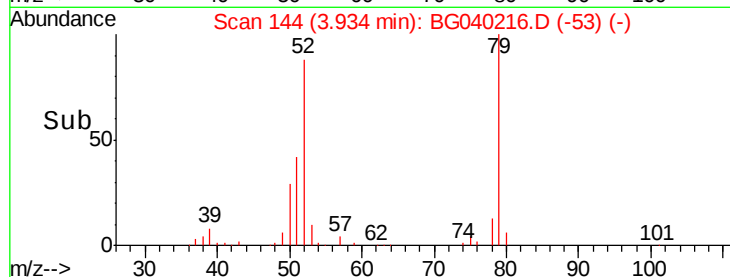
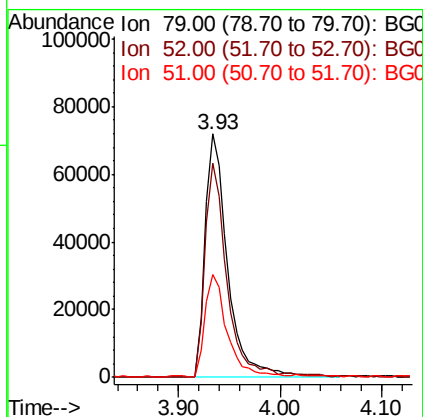
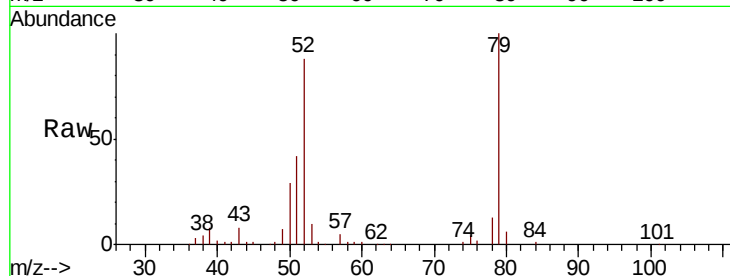
Tgt Ion: 79 Resp: 111642

Ion Ratio Lower Upper

79 100

52 87.9 69.8 104.8

51 42.2 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 33.043 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

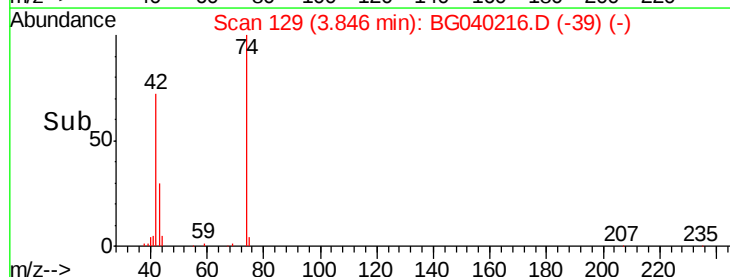
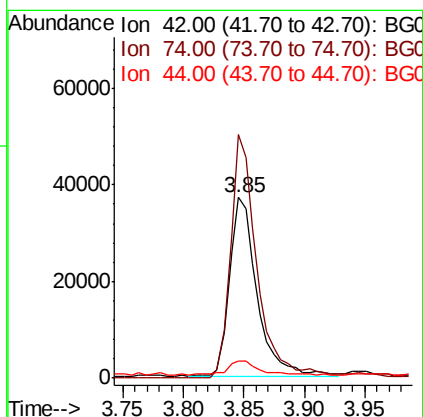
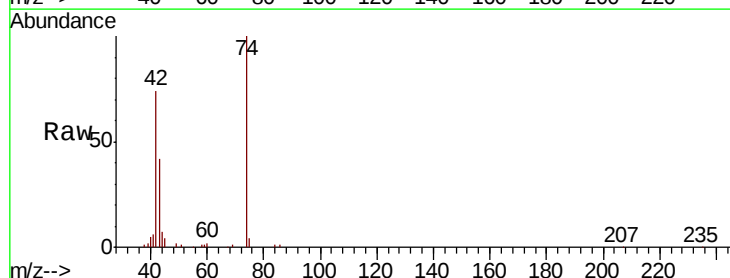
Tgt Ion: 42 Resp: 59149

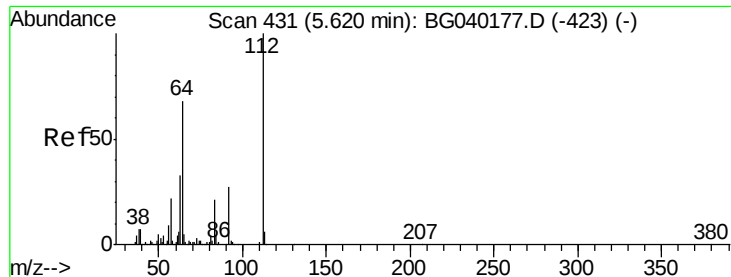
Ion Ratio Lower Upper

42 100

74 135.0 92.9 139.3

44 9.5 9.7 14.5#





#5

2-Fluorophenol

Concen: 122.226 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

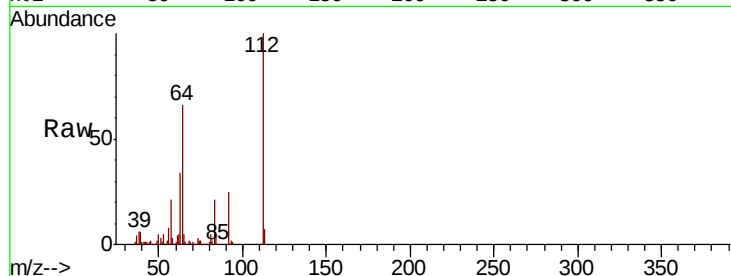
Tgt Ion: 112 Resp: 373601

Ion Ratio Lower Upper

112 100

64 65.7 54.2 81.2

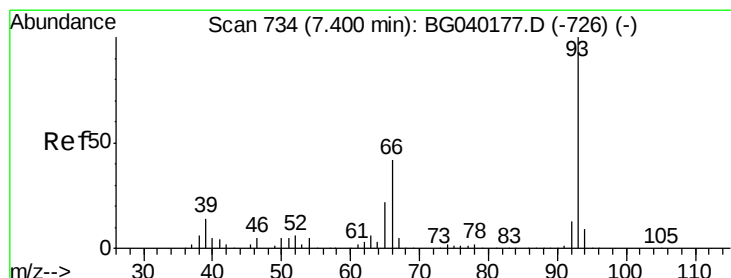
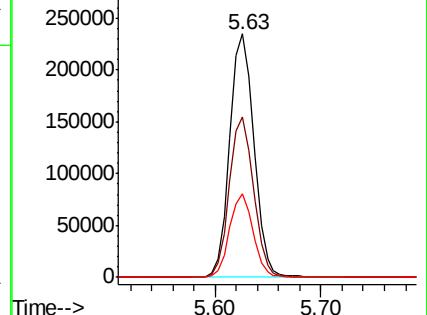
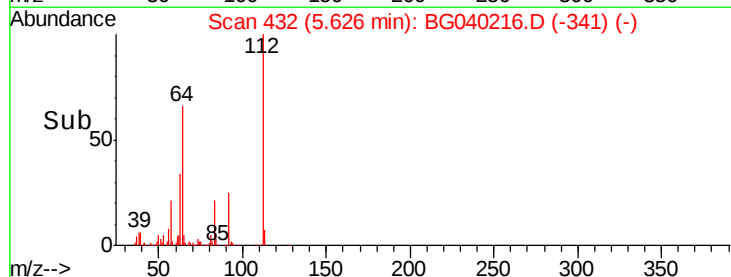
63 34.4 26.4 39.6



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: 10.199 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

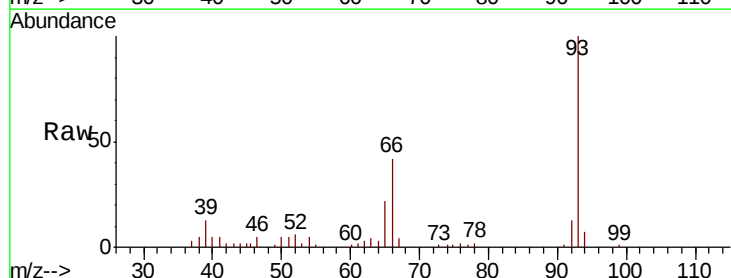
Tgt Ion: 93 Resp: 55975

Ion Ratio Lower Upper

93 100

66 42.0 33.6 50.4

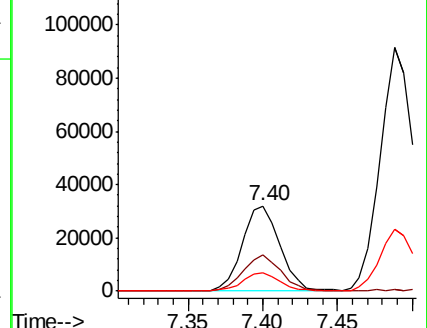
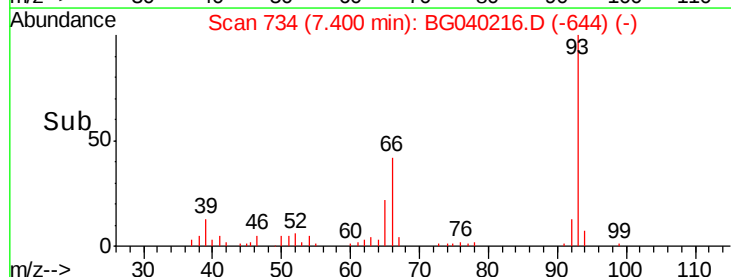
65 22.1 17.4 26.2

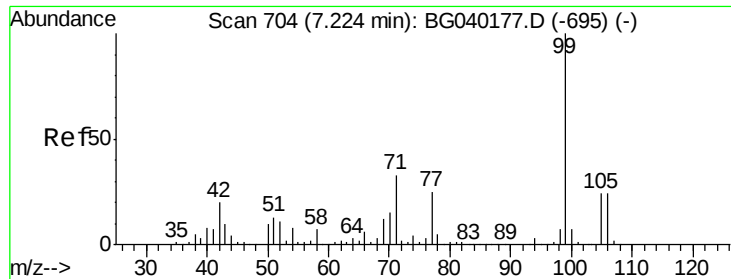


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.905 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

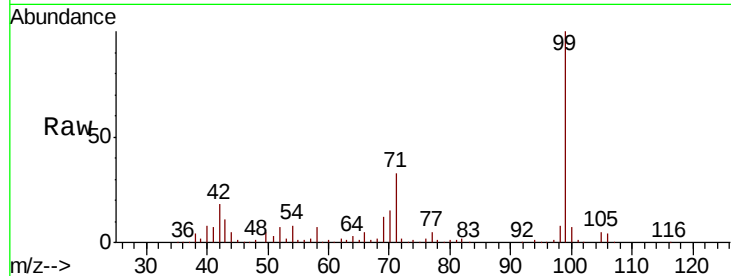
Tgt Ion: 99 Resp: 476949

Ion Ratio Lower Upper

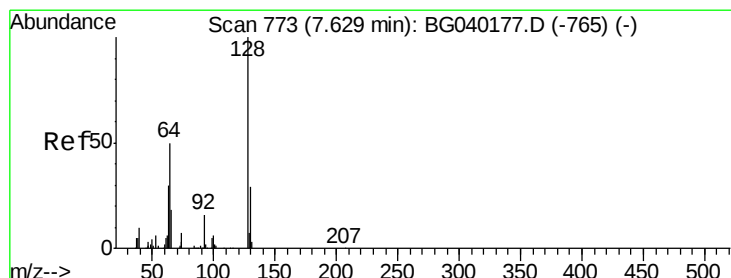
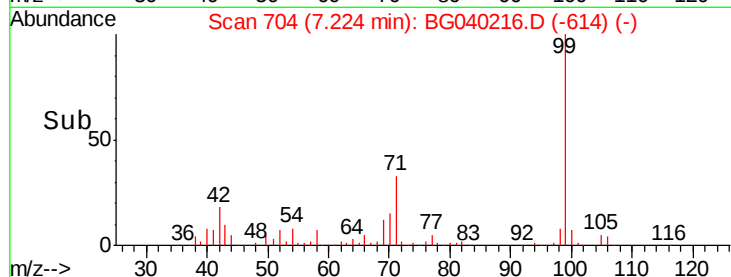
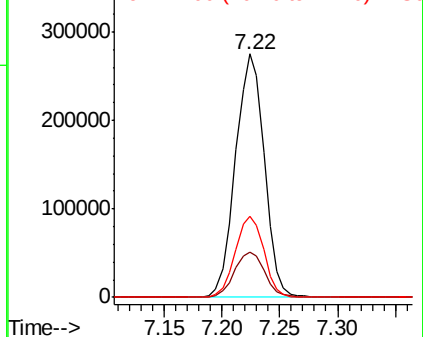
99 100

42 18.5 16.2 24.2

71 33.3 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.076 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

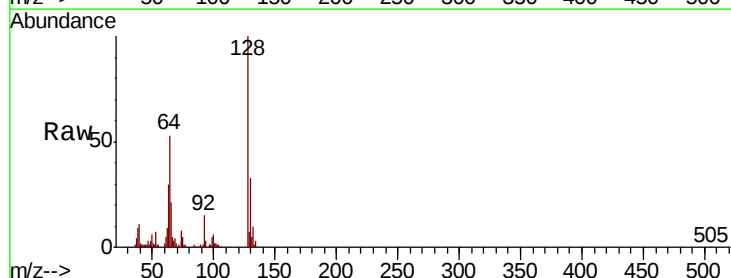
Tgt Ion: 128 Resp: 143396

Ion Ratio Lower Upper

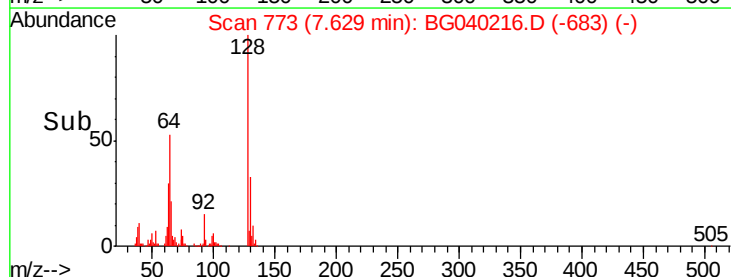
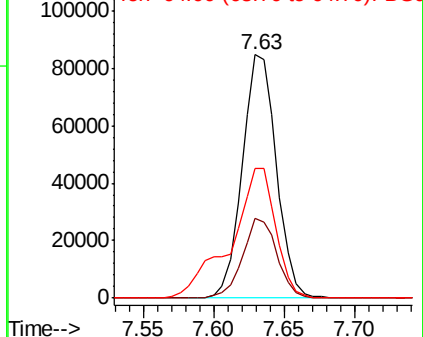
128 100

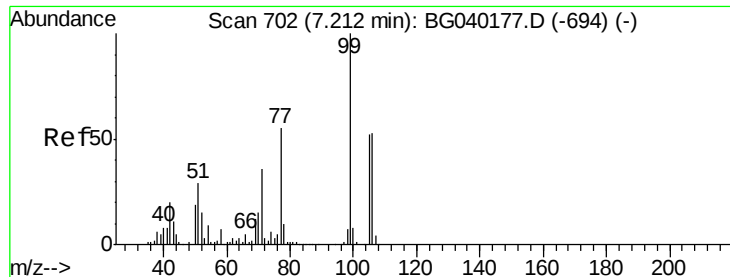
130 32.6 9.1 49.1

64 53.1 33.1 73.1



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





#9

Benzaldehyde

Concen: 11.993 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

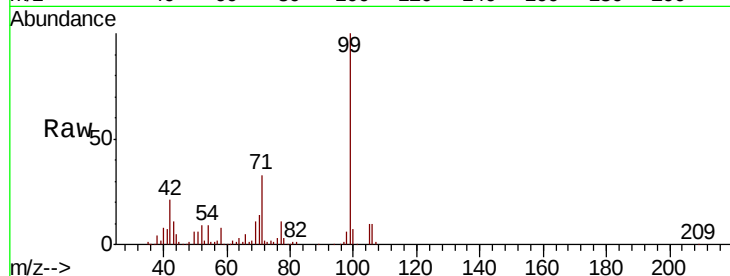
Tgt Ion: 77 Resp: 34753

Ion Ratio Lower Upper

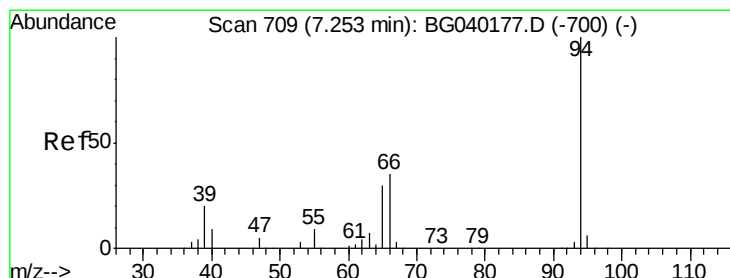
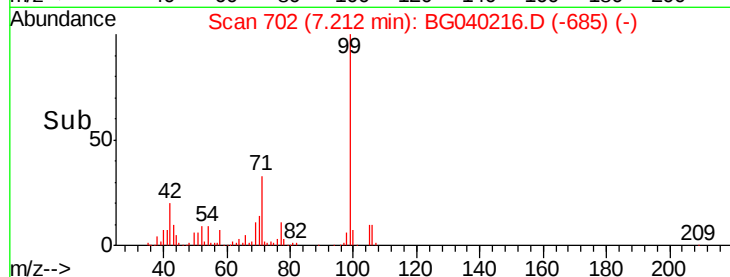
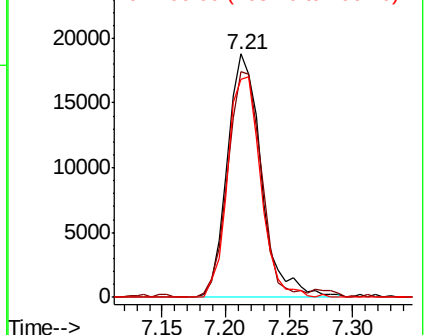
77 100

105 92.6 75.0 115.0

106 89.8 75.7 115.7



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



#10

Phenol

Concen: 34.958 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

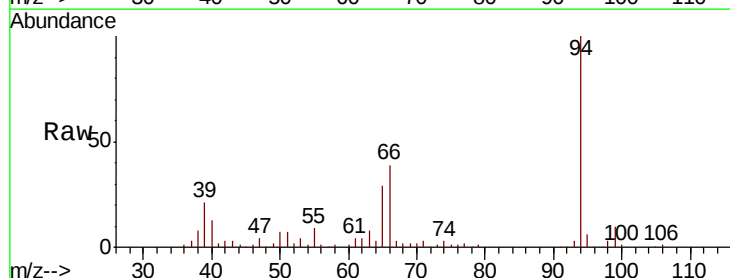
Tgt Ion: 94 Resp: 160291

Ion Ratio Lower Upper

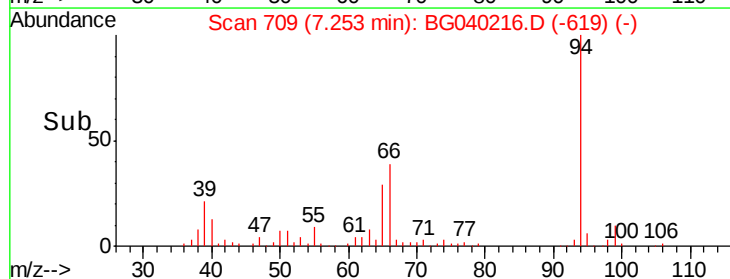
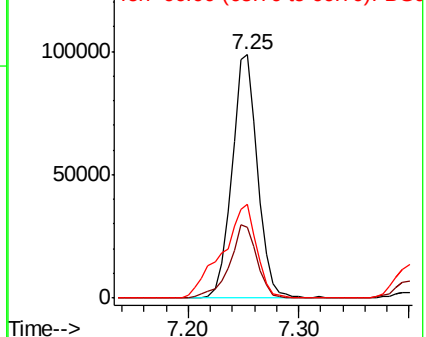
94 100

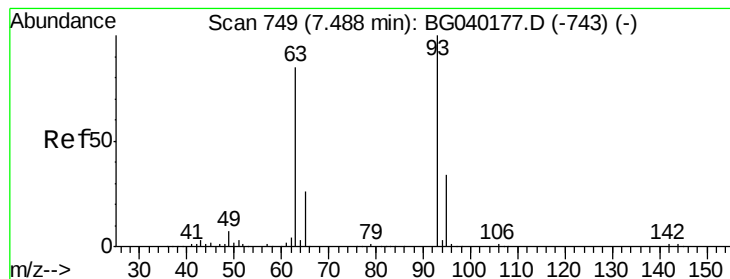
65 29.3 10.5 50.5

66 38.6 16.9 56.9



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





#11

bis(2-Chloroethyl)ether

Concen: 38.549 ng

RT: 7.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

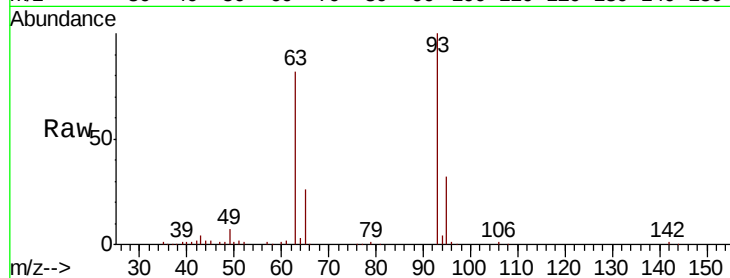
Tgt Ion: 93 Resp: 141568

Ion Ratio Lower Upper

93 100

63 82.4 64.2 104.2

95 32.0 14.0 54.0

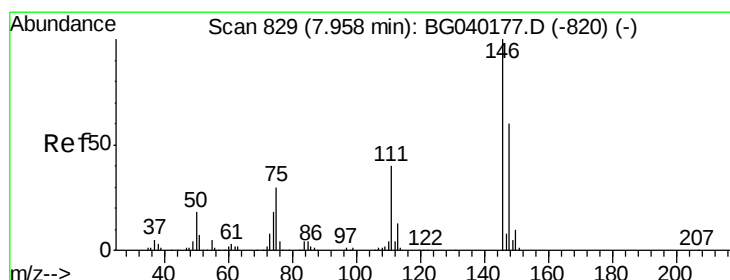
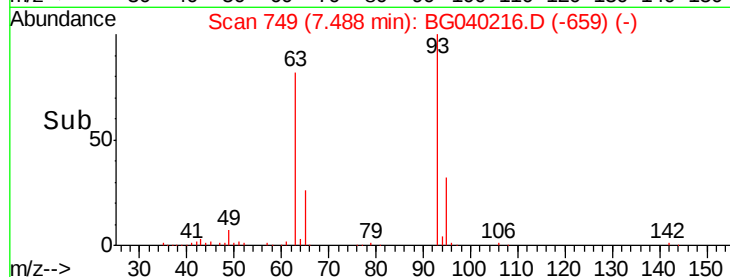
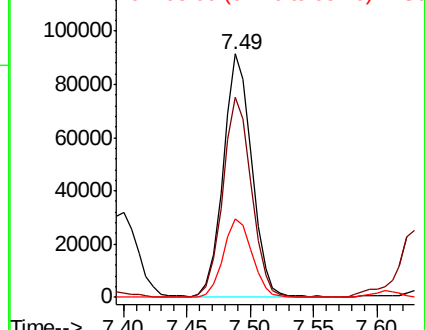


Abundance

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: 35.221 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

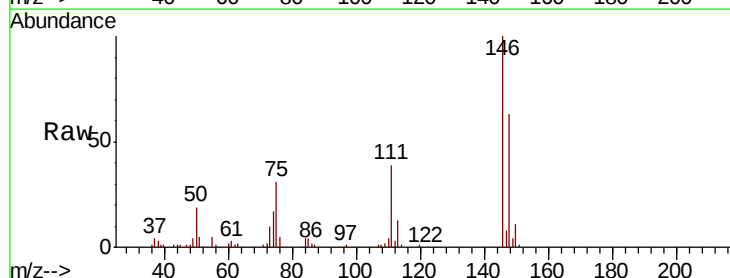
Tgt Ion: 146 Resp: 136996

Ion Ratio Lower Upper

146 100

148 62.8 48.2 72.2

75 31.4 24.1 36.1

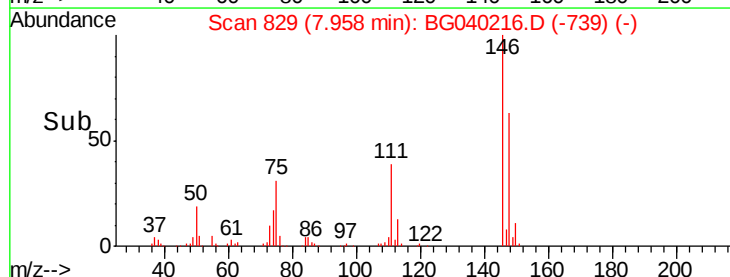
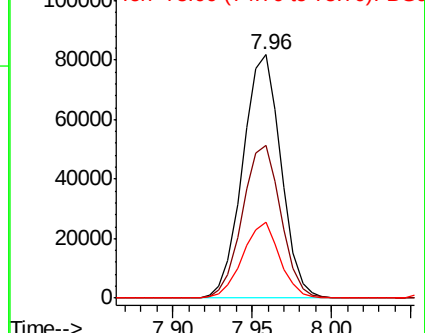


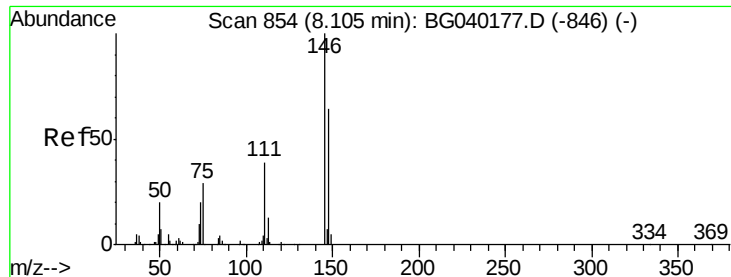
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

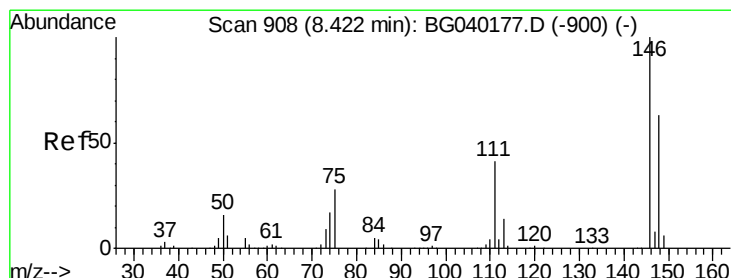
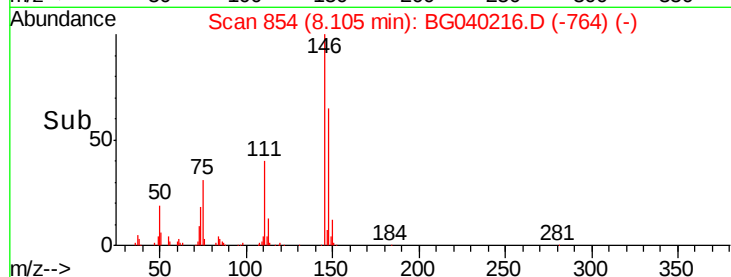
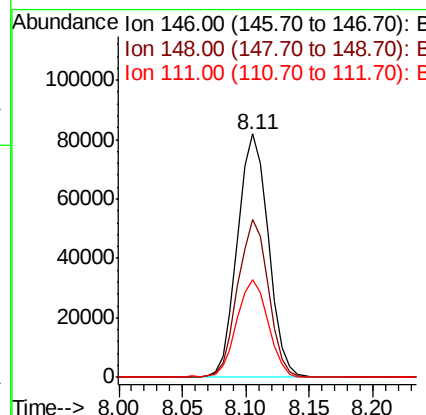
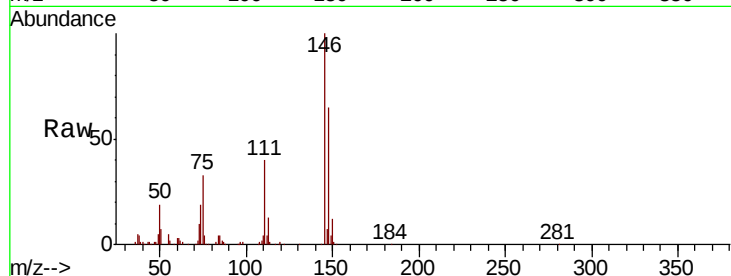




#13
 1,4-Dichlorobenzene
 Concen: 35.672 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

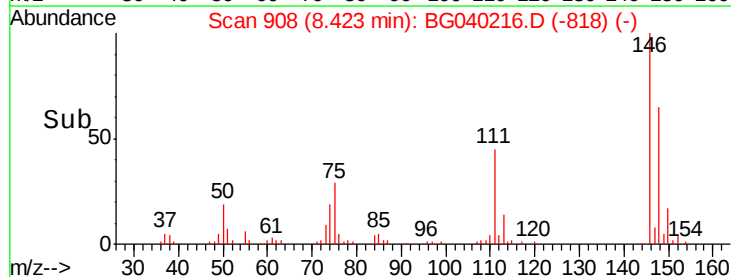
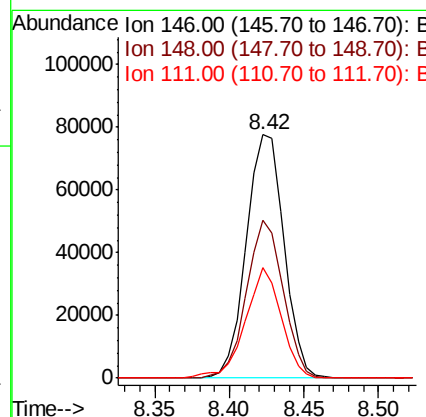
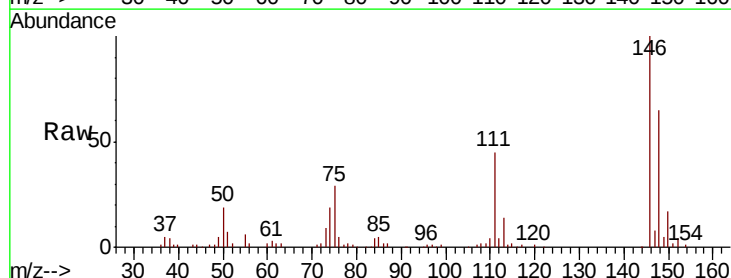
Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

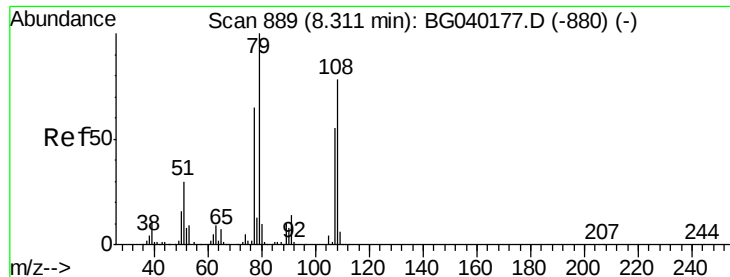
Tgt Ion:146 Resp: 138192
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 111 40.3 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 36.568 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion:146 Resp: 135471
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 45.3 33.4 50.0





#15

Benzyl Alcohol

Concen: 37.367 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

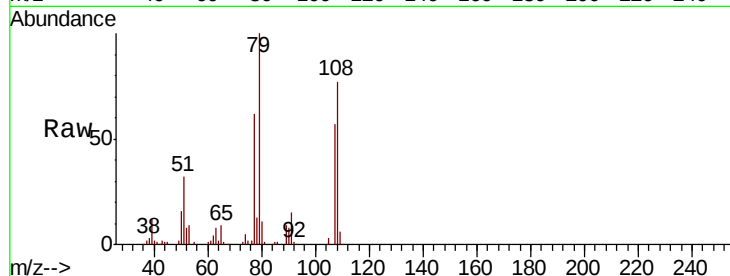
Tgt Ion: 79 Resp: 127125

Ion Ratio Lower Upper

79 100

108 77.3 62.1 93.1

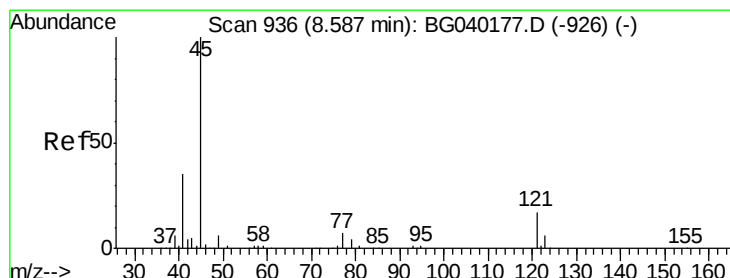
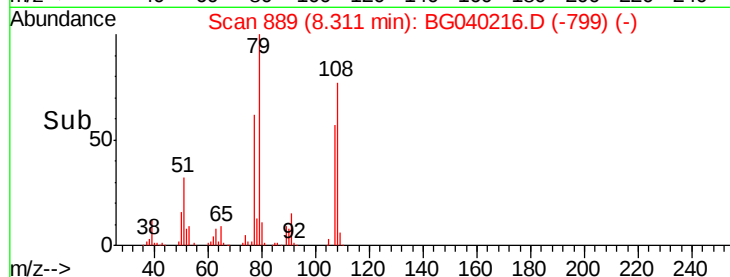
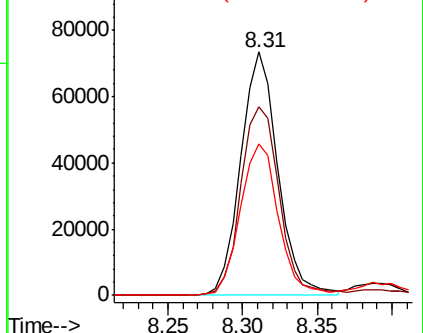
77 62.3 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.456 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

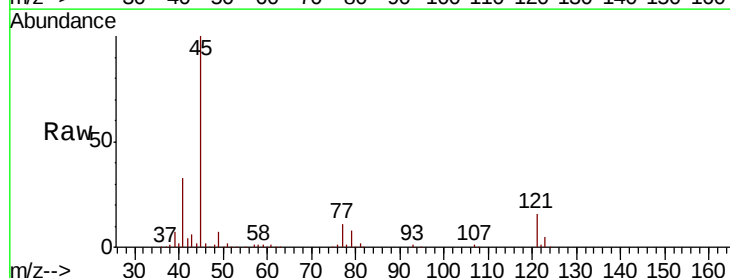
Tgt Ion: 45 Resp: 263993

Ion Ratio Lower Upper

45 100

77 11.0 0.0 31.4

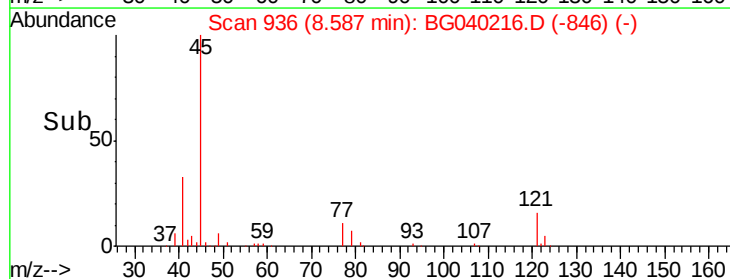
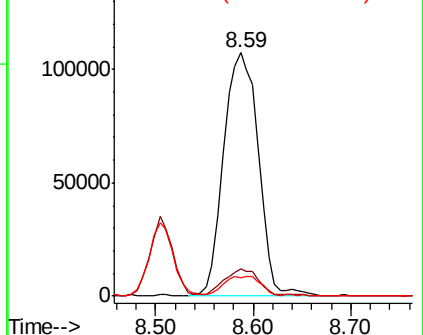
79 7.5 0.0 28.3

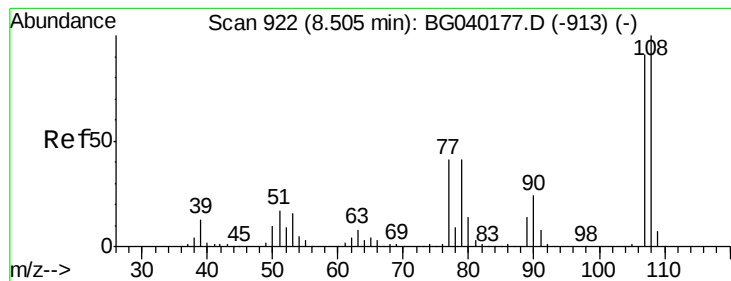


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.223 ng

RT: 8.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 127620

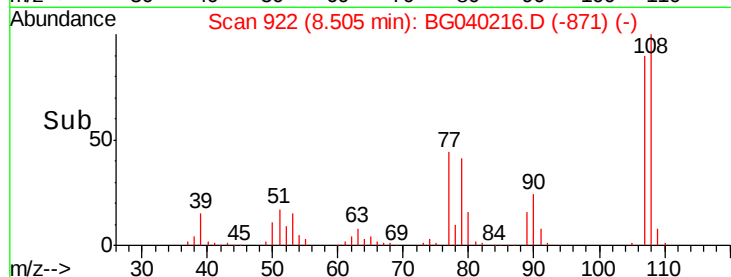
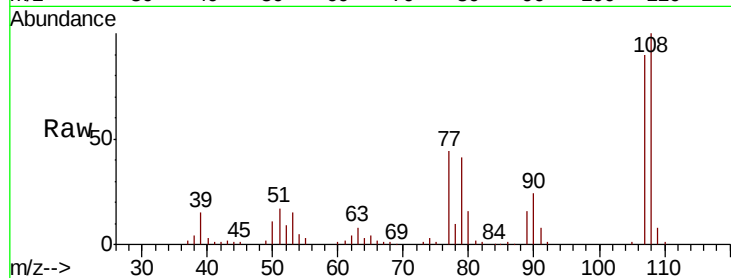
Ion Ratio Lower Upper

107 100

108 111.5 88.2 132.4

77 49.2 36.6 55.0

79 45.4 36.5 54.7

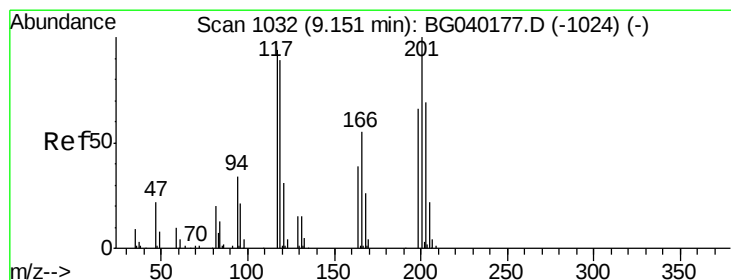
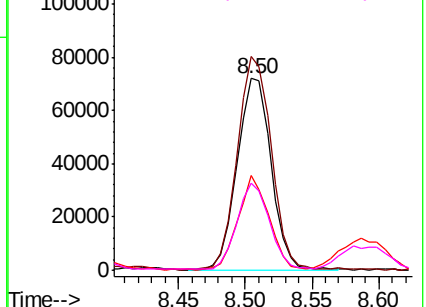


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.897 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

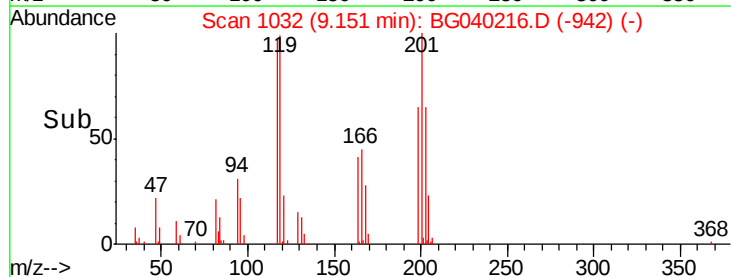
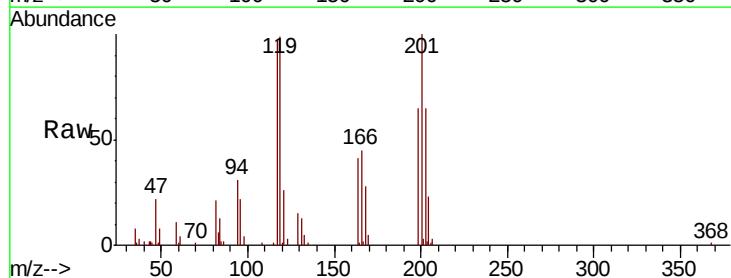
Tgt Ion:117 Resp: 49950

Ion Ratio Lower Upper

117 100

119 102.6 76.6 115.0

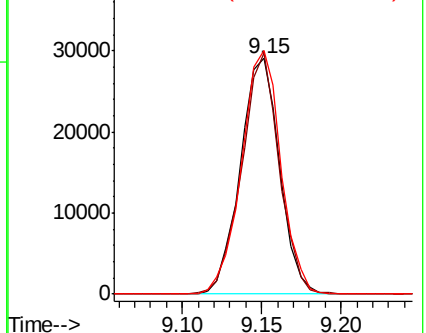
201 106.3 85.0 127.4

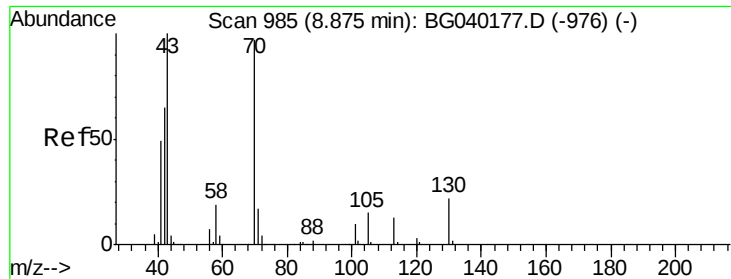


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

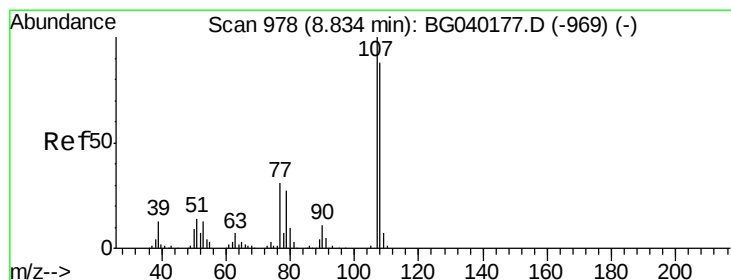
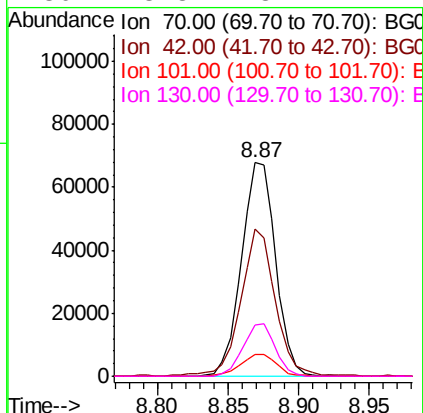
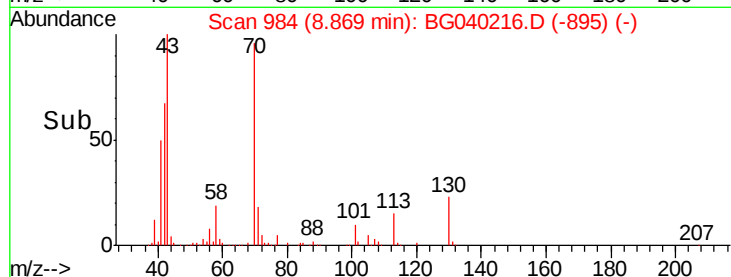
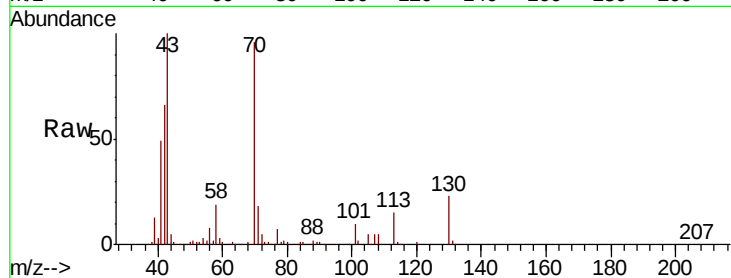




#19
n-Nitroso-di-n-propylamine
Concen: 37.918 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

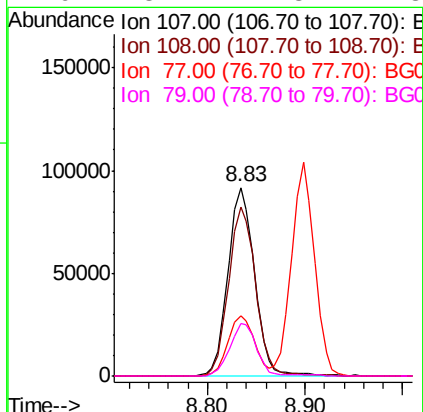
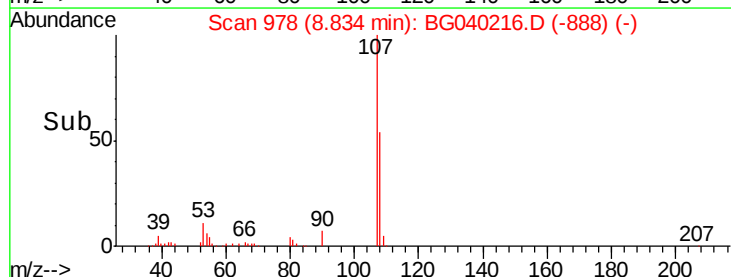
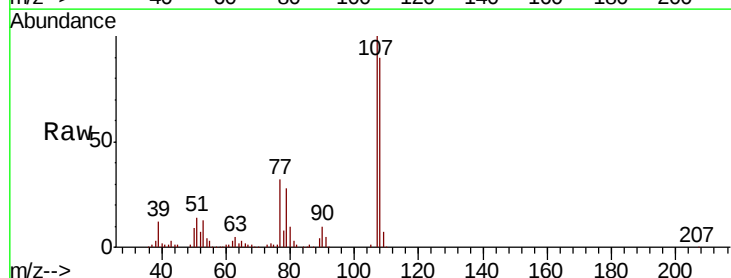
Instrument :
BNA_G
ClientSampleId :
TP-1MS

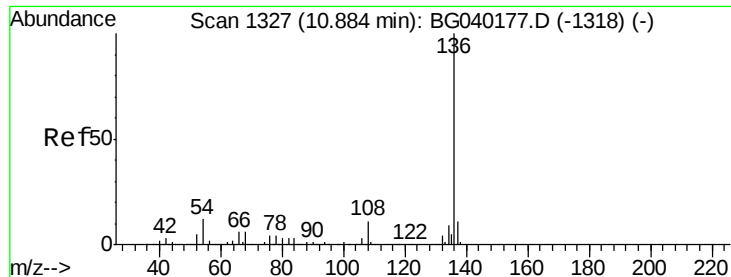
Tgt Ion:	70	Resp:	114844
Ion	Ratio	Lower	Upper
70	100		
42	69.2	54.0	81.0
101	10.1	8.6	13.0
130	23.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.475 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:	107	Resp:	173972
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.3	108.3
77	31.9	11.3	51.3
79	28.1	7.3	47.3

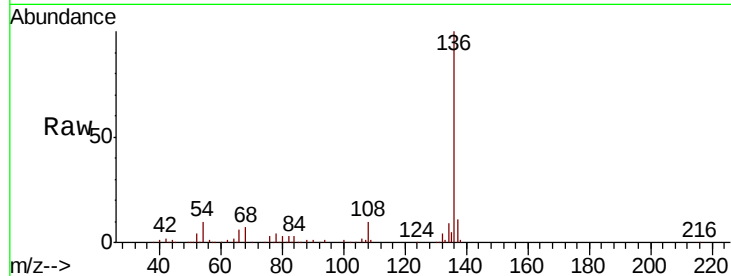




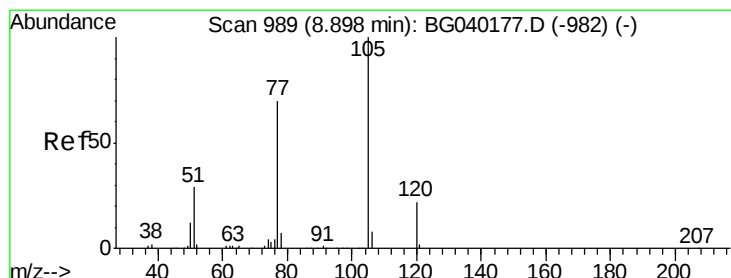
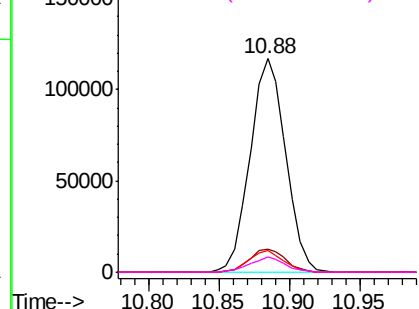
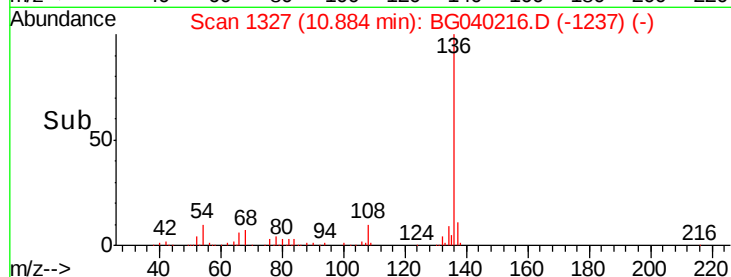
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:	136	Resp:	206842
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.0	9.6	14.4
68	7.5	5.1	7.7

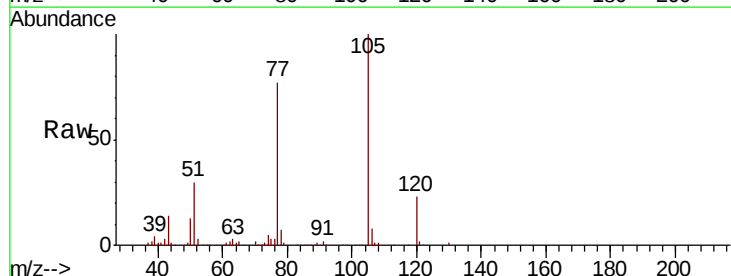


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

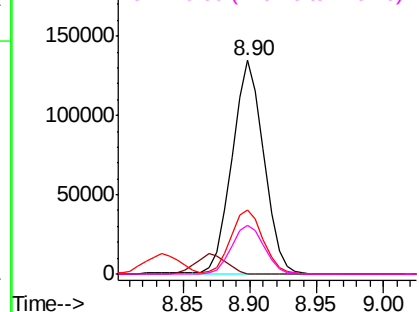
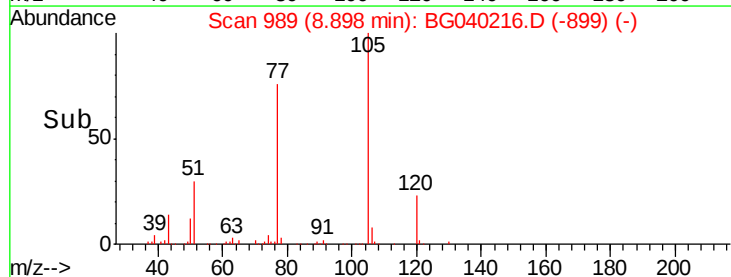


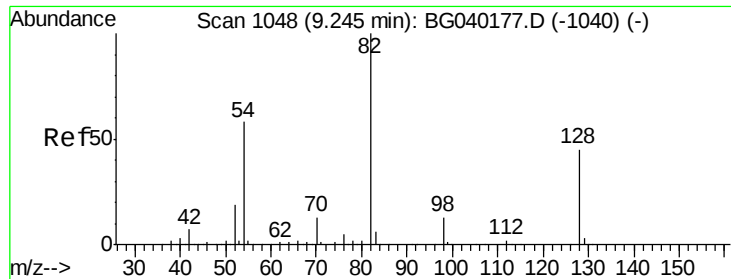
#22
Acetophenone
Concen: 43.304 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:	105	Resp:	223435
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	30.1	25.1	37.7
120	23.0	17.6	26.4



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

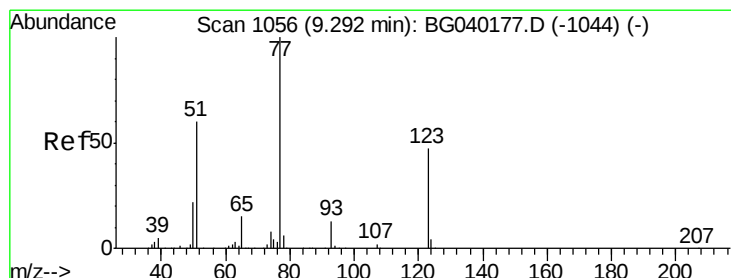
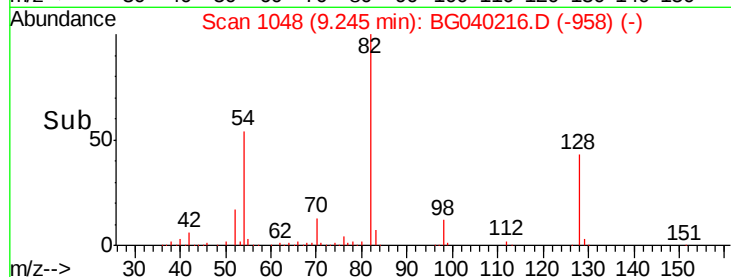
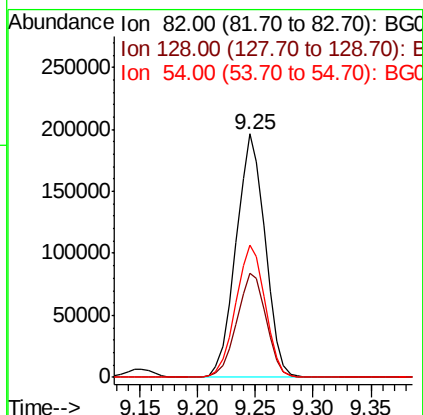
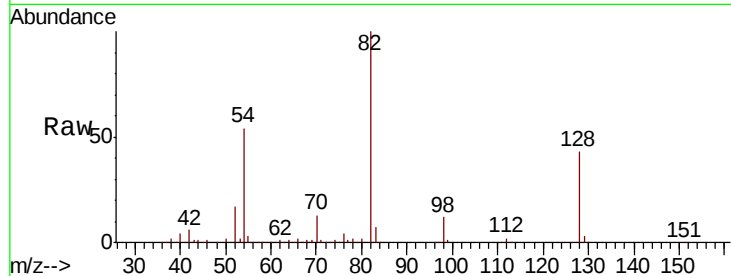




#23
 Nitrobenzene-d5
 Concen: 88.038 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

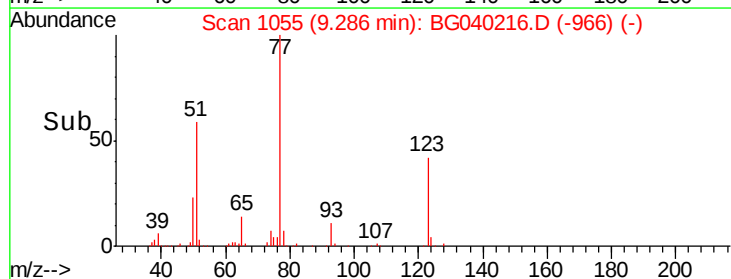
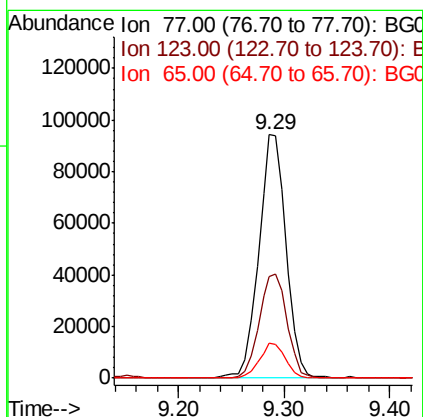
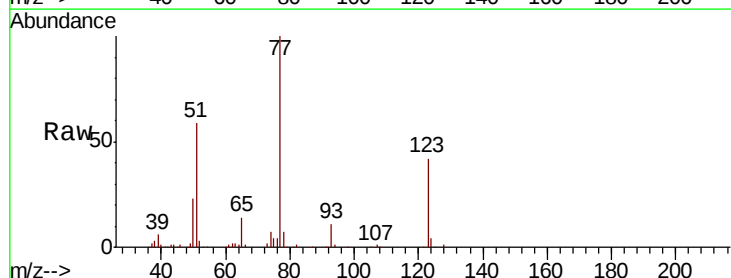
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

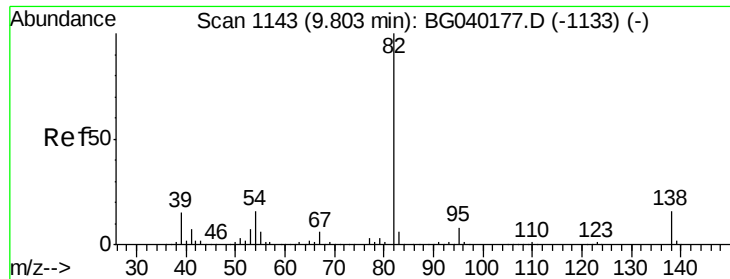
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	54.3	46.2	69.2



#24
 Nitrobenzene
 Concen: 41.983 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	37.8	56.6
65	14.4	12.0	18.0





#25

Isophorone

Concen: 43.036 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

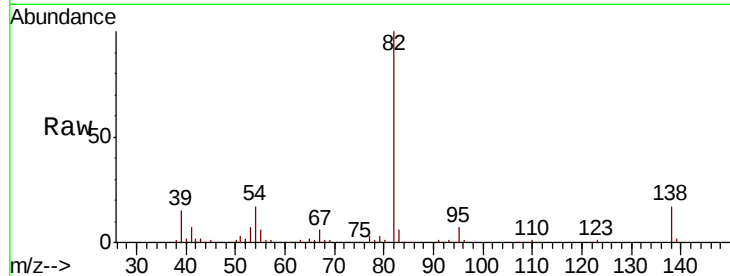
Tgt Ion: 82 Resp: 344581

Ion Ratio Lower Upper

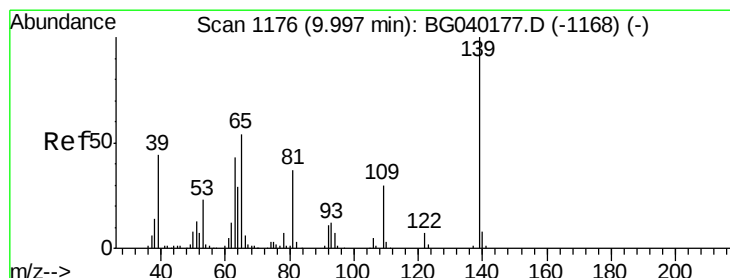
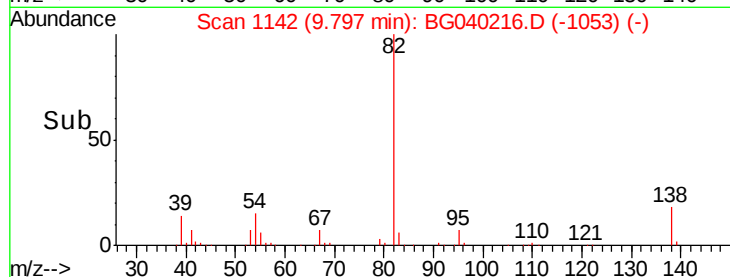
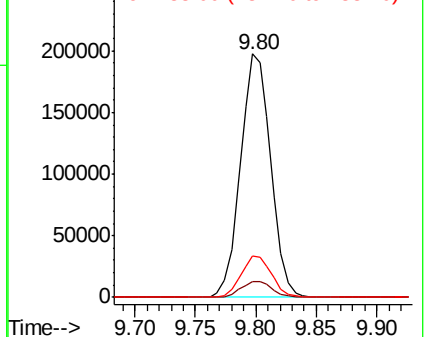
82 100

95 6.5 6.1 9.1

138 17.2 13.2 19.8



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



#26

2-Nitrophenol

Concen: 40.684 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

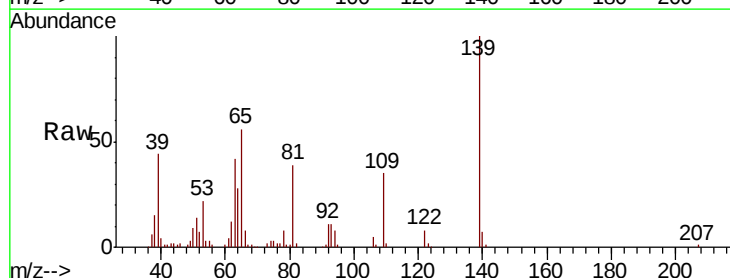
Tgt Ion: 139 Resp: 77682

Ion Ratio Lower Upper

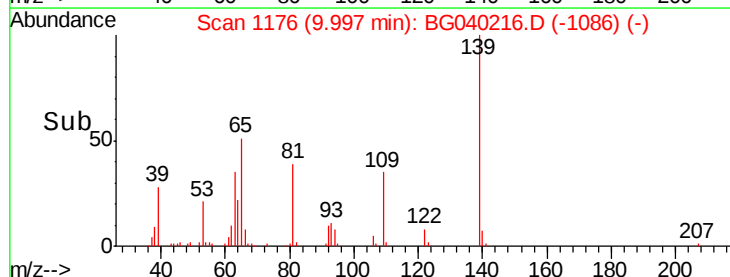
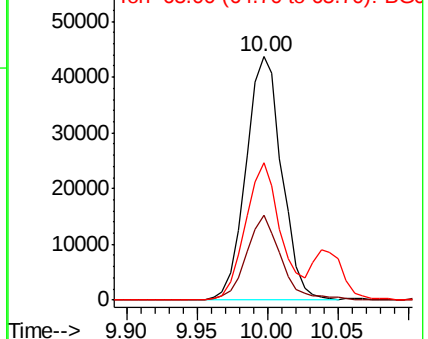
139 100

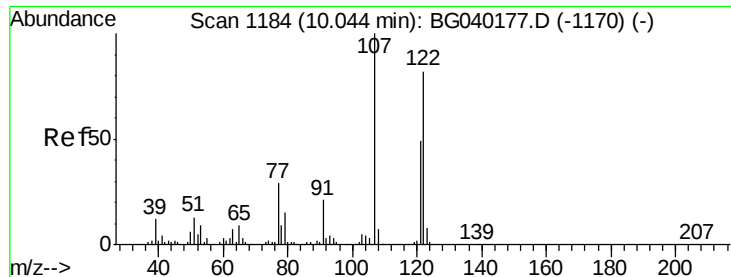
109 34.7 24.1 36.1

65 56.5 43.0 64.6



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

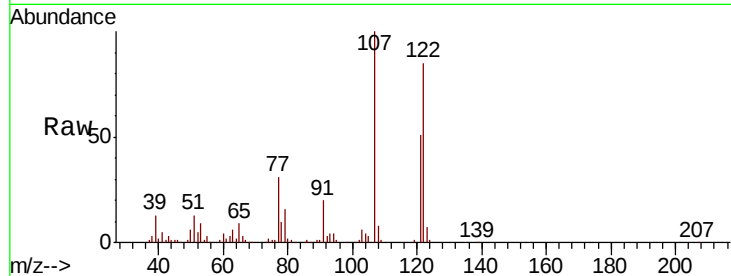




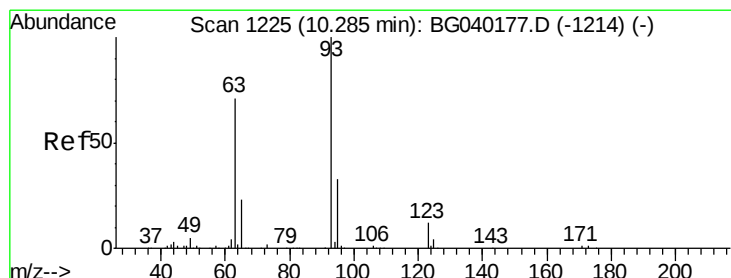
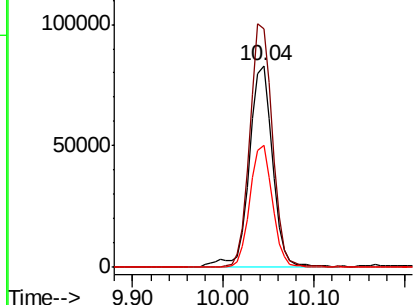
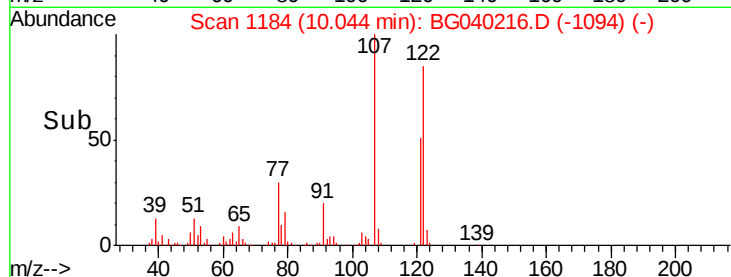
#27
 2,4-Dimethylphenol
 Concen: 48.863 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tgt Ion:122 Resp: 148202
 Ion Ratio Lower Upper
 122 100
 107 118.0 97.4 146.2
 121 60.2 47.7 71.5

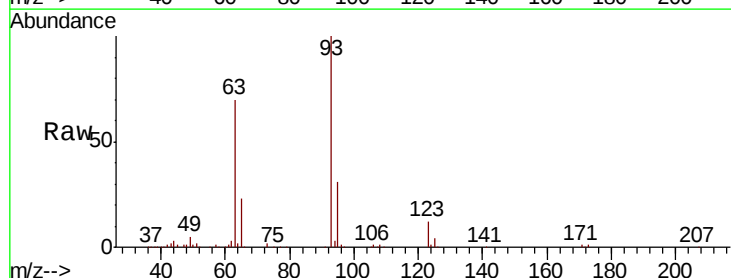


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

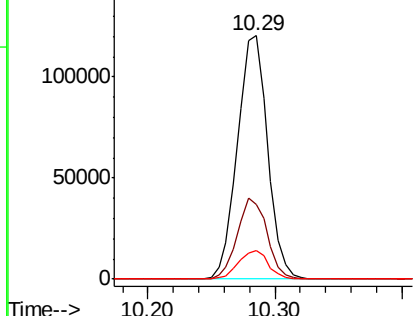
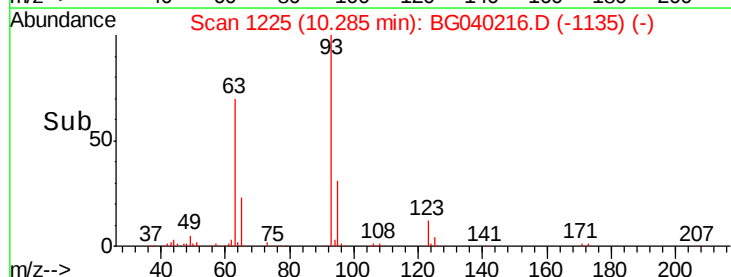


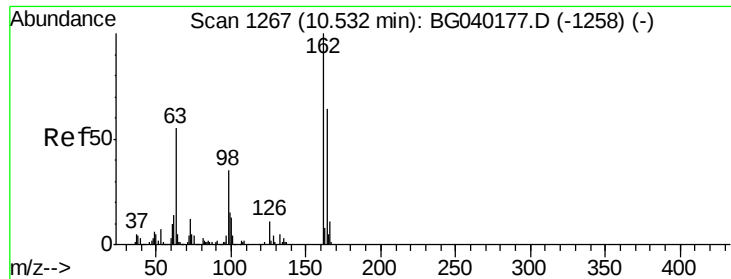
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.982 ng
 RT: 10.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion: 93 Resp: 198872
 Ion Ratio Lower Upper
 93 100
 95 30.8 26.2 39.4
 123 11.7 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.632 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

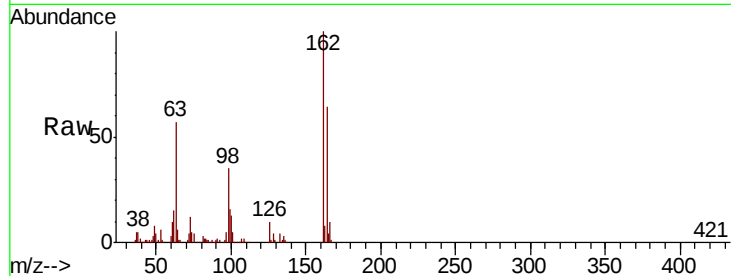
Tgt Ion:162 Resp: 153516

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

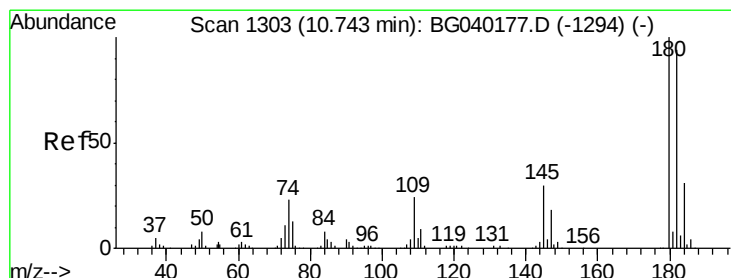
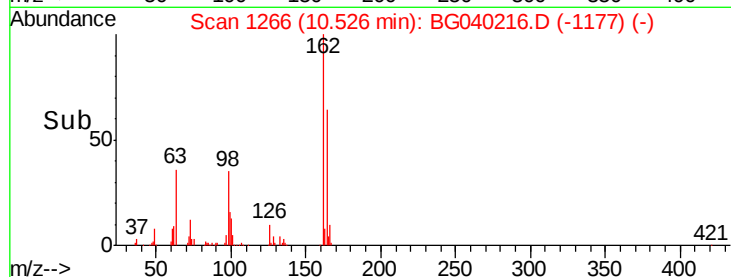
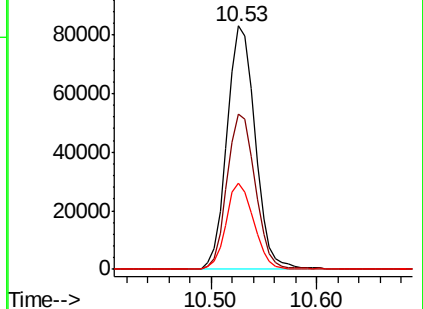
98 35.5 15.6 55.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.407 ng

RT: 10.74 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

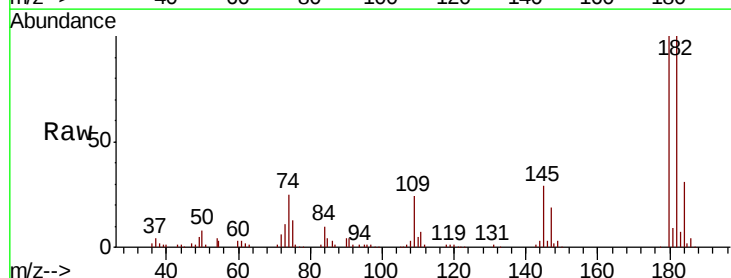
Tgt Ion:180 Resp: 142451

Ion Ratio Lower Upper

180 100

182 100.4 75.1 112.7

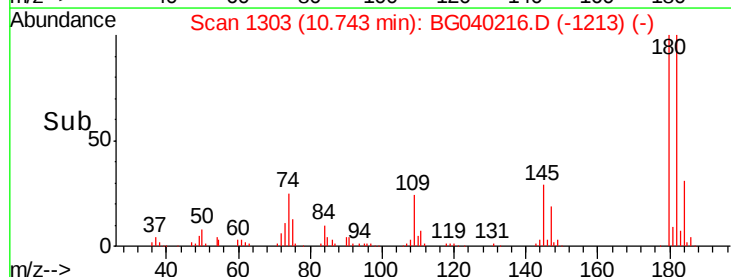
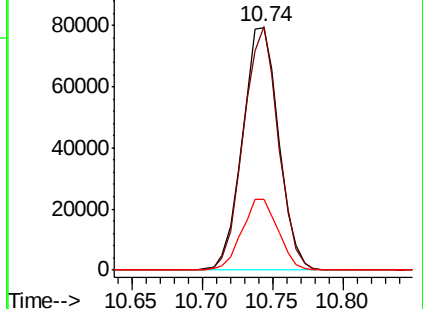
145 29.4 24.1 36.1

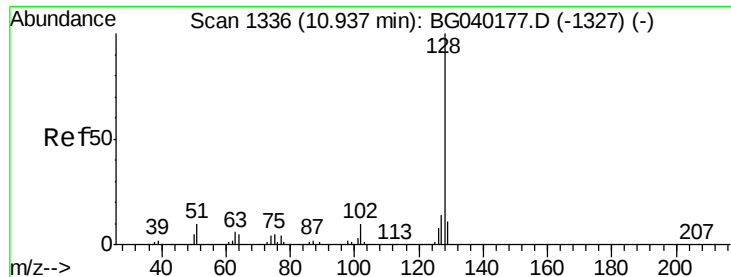


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

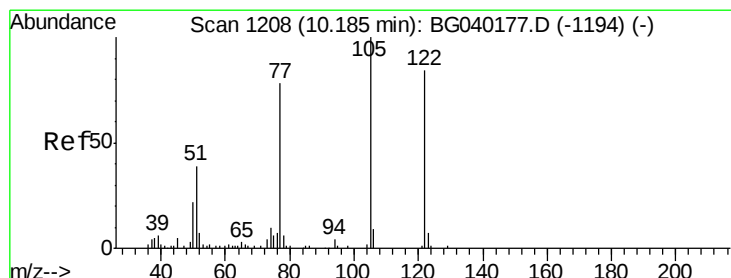
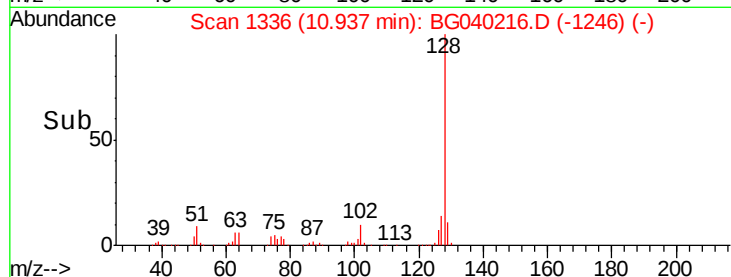
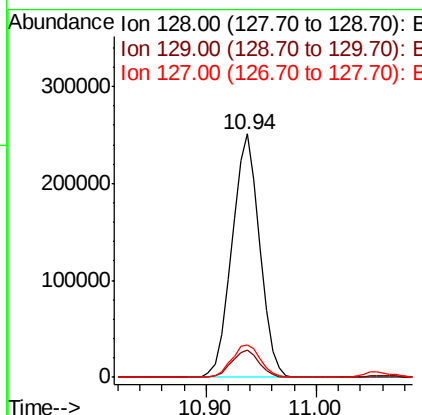
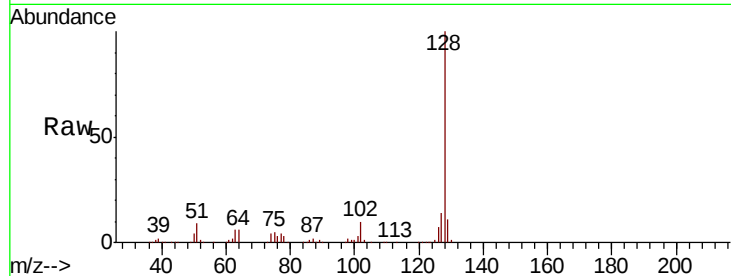




#31
Naphthalene
Concen: 41.482 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

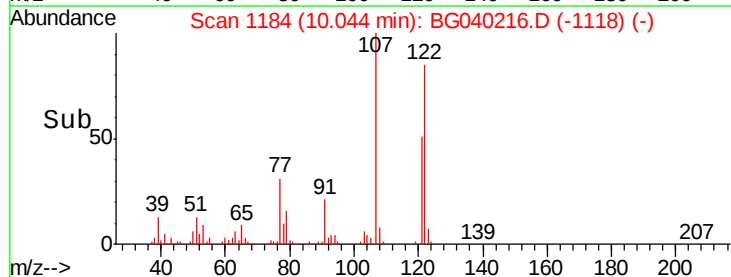
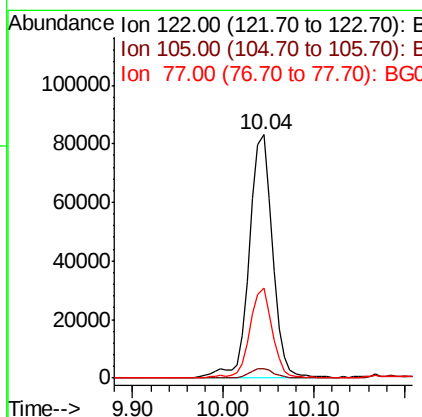
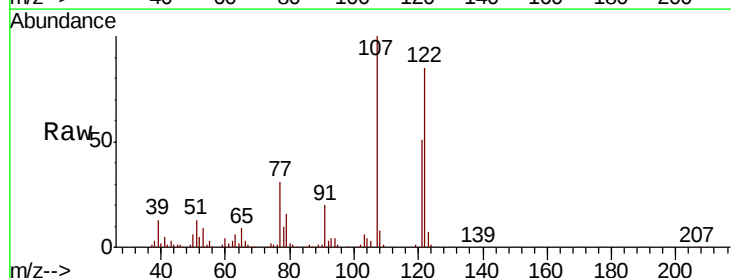
Instrument :
BNA_G
ClientSampleId :
TP-1MS

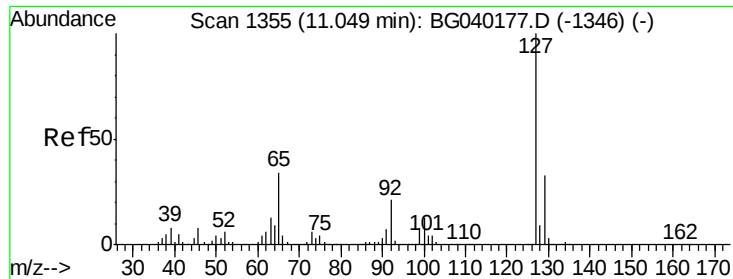
Tgt Ion:128 Resp: 439794
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 80.874 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.14 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:122 Resp: 148202
Ion Ratio Lower Upper
122 100
105 3.7 98.2 138.2#
77 37.0 73.6 113.6#

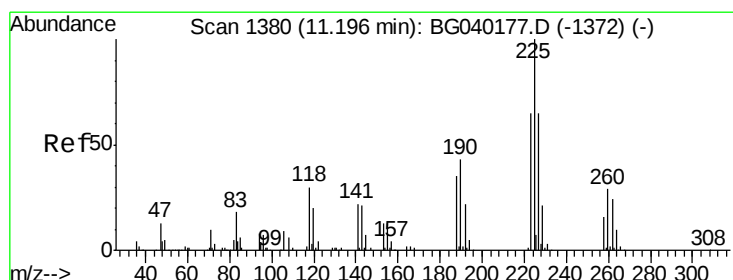
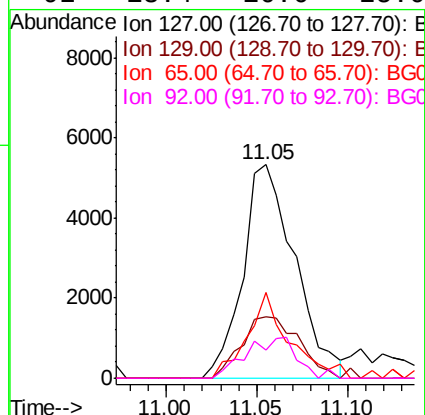
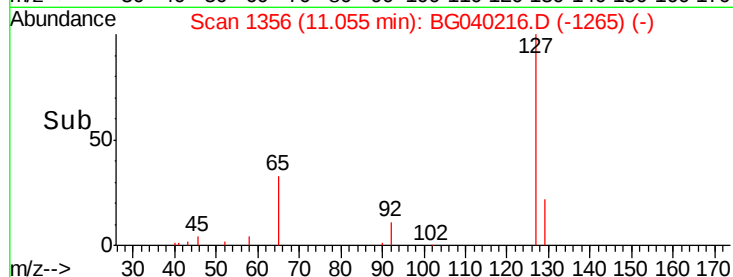
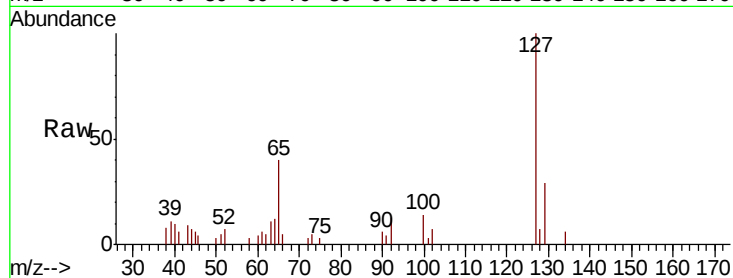




#33
4-Chloroaniline
Concen: 2.348 ng
RT: 11.05 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

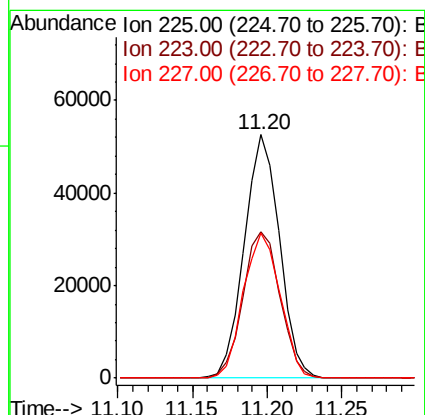
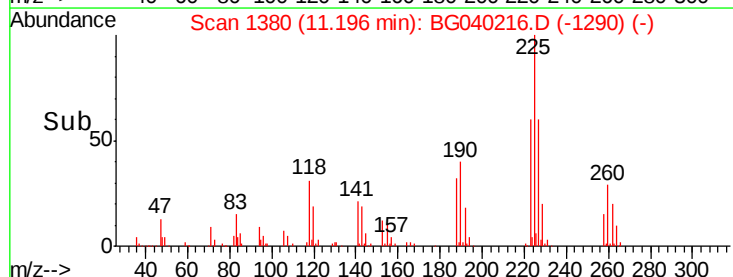
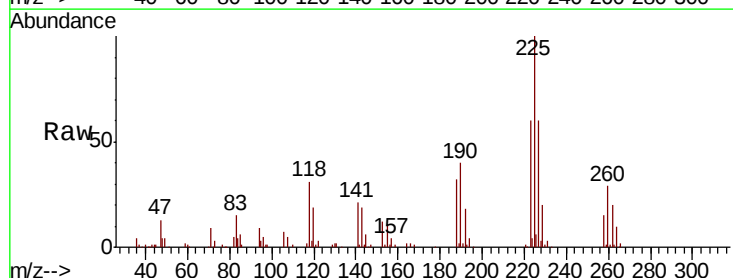
Instrument :
BNA_G
ClientSampleId :
TP-1MS

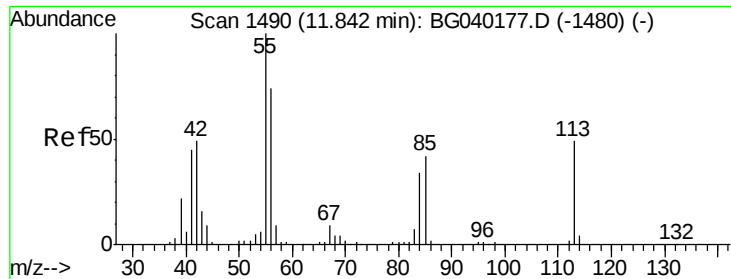
Tgt Ion:	127	Resp:	10620
Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.6	40.0
65	40.0	27.0	40.4
92	13.4	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 37.118 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:	225	Resp:	85811
Ion	Ratio	Lower	Upper
225	100		
223	60.0	51.8	77.8
227	59.7	54.9	82.3





#35

Caprolactam

Concen: 18.043 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

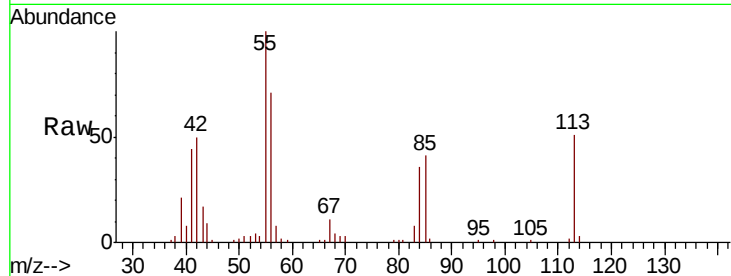
Tgt Ion:113 Resp: 23572

Ion Ratio Lower Upper

113 100

55 196.8 184.2 224.2

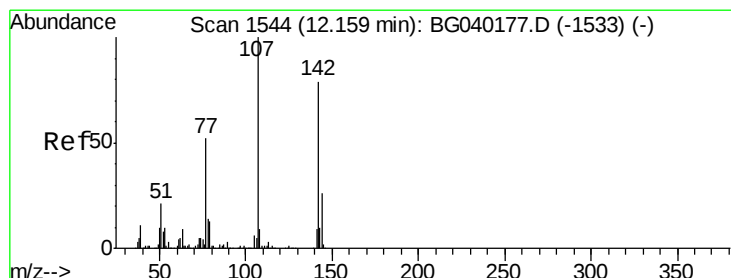
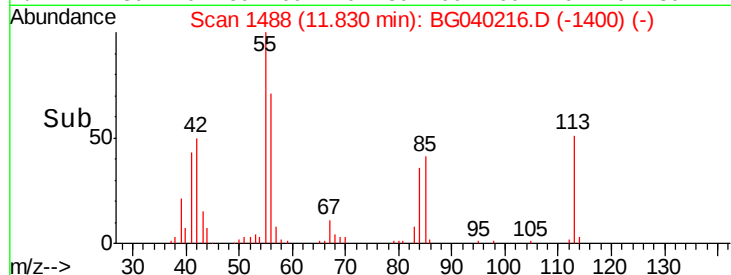
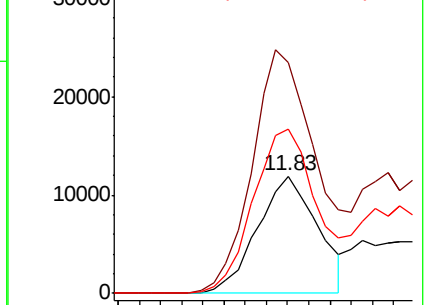
56 140.6 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.904 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

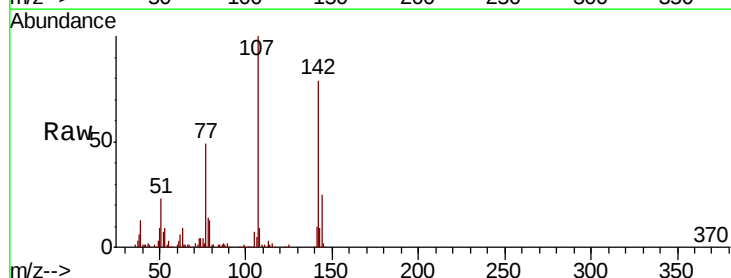
Tgt Ion:107 Resp: 177515

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

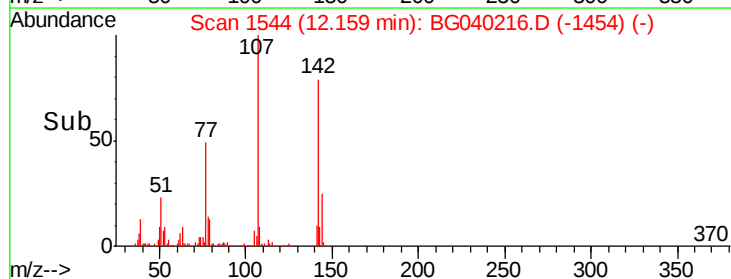
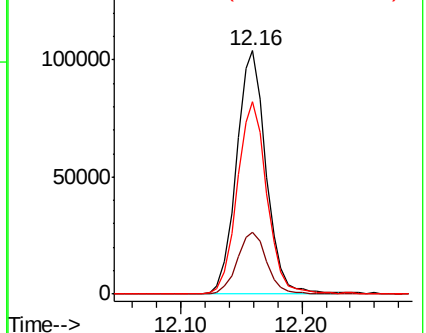
142 78.9 63.1 94.7

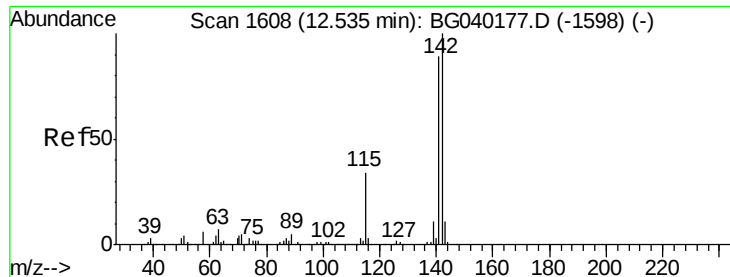


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

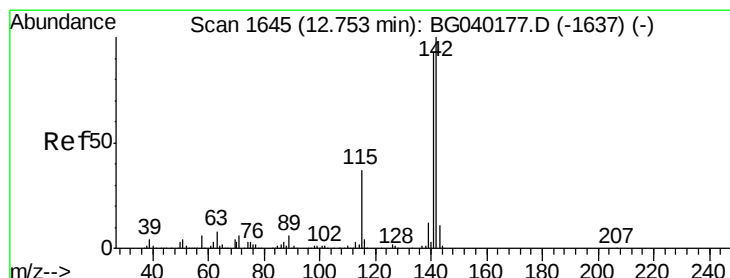
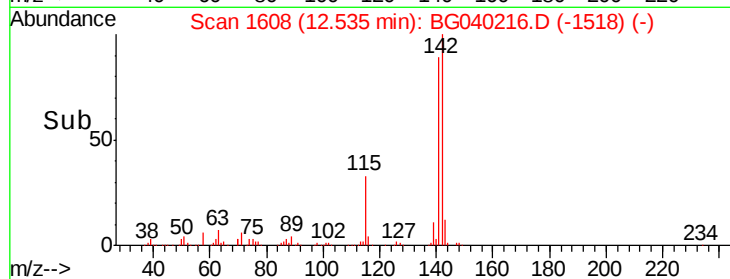
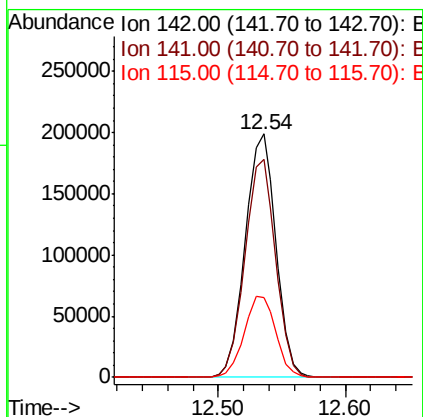
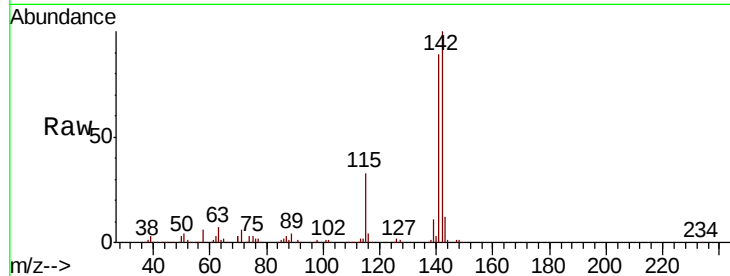




#37
2-Methylnaphthalene
Concen: 42.657 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

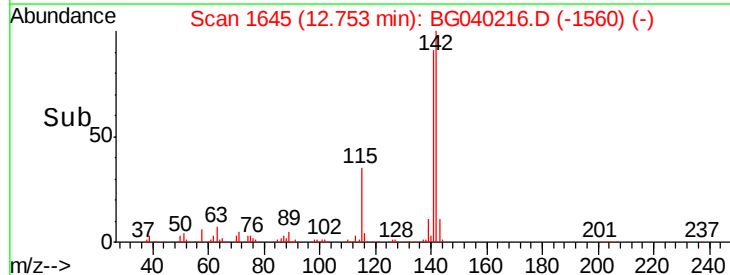
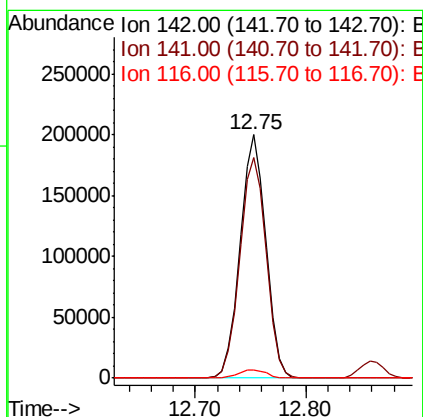
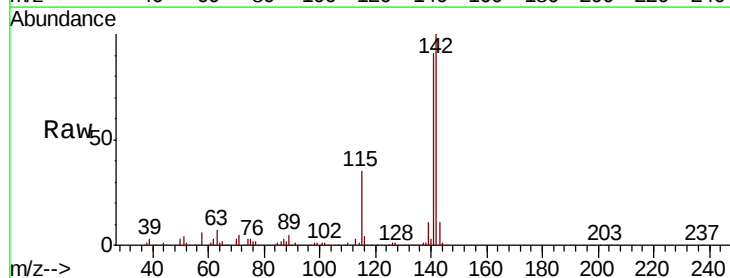
Instrument :
BNA_G
ClientSampleId :
TP-1MS

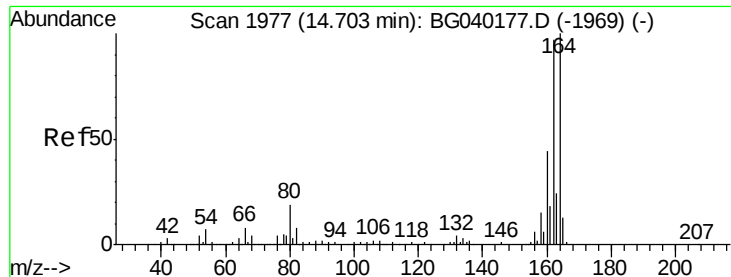
Tgt Ion:142 Resp: 334480
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 32.6 27.3 40.9



#38
1-Methylnaphthalene
Concen: 42.943 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:142 Resp: 326519
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

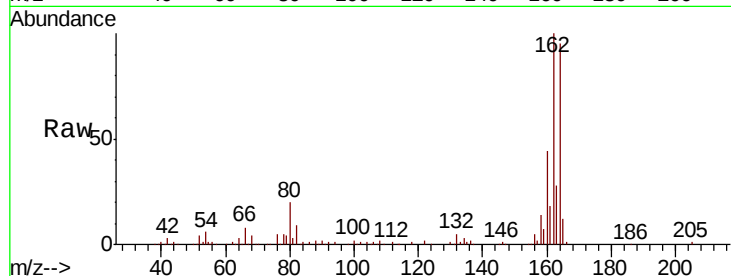
Tgt Ion:164 Resp: 136088

Ion Ratio Lower Upper

164 100

162 104.7 77.4 116.2

160 45.6 35.3 52.9

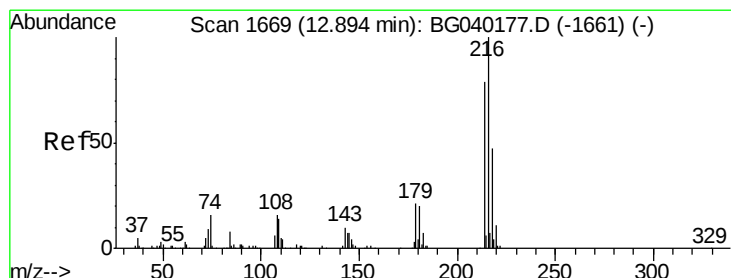
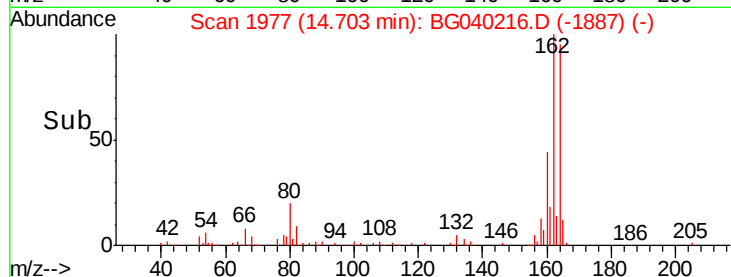
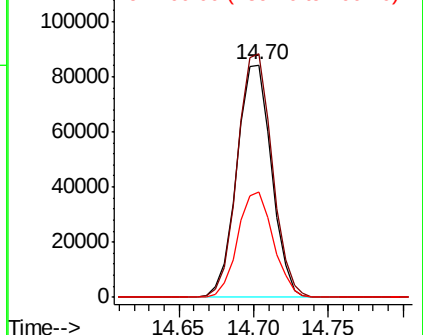


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.845 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:216 Resp: 168020

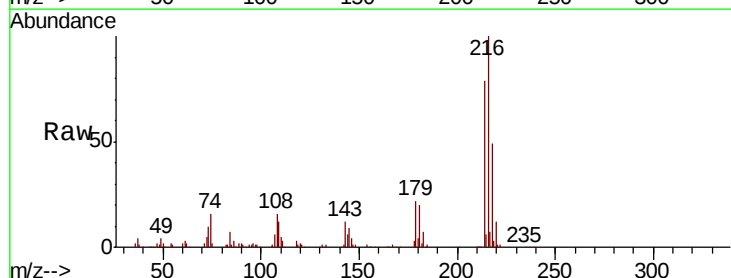
Ion Ratio Lower Upper

216 100

214 79.9 63.5 95.3

179 21.2 16.6 25.0

108 20.1 13.8 20.8



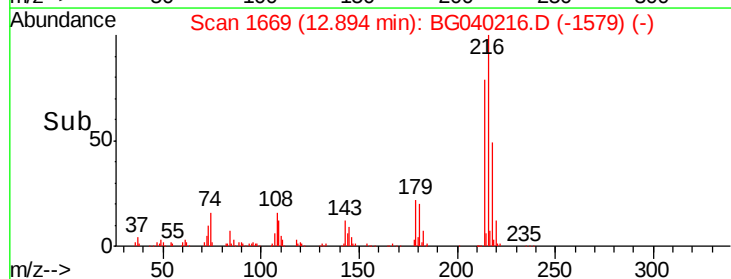
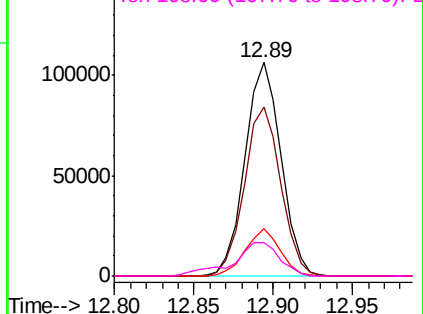
Abundance

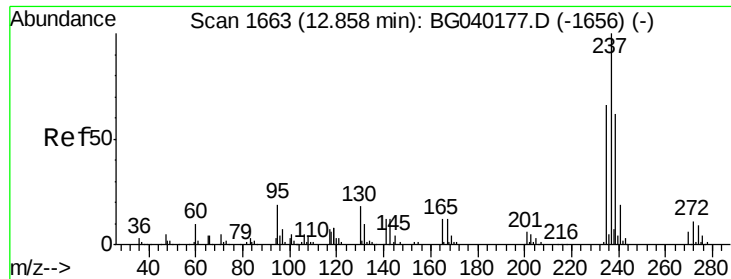
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.157 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

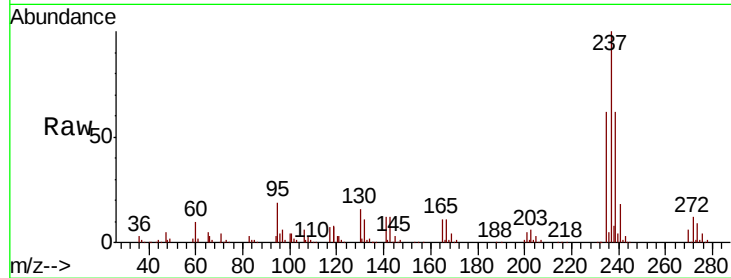
Tgt Ion: 237 Resp: 190368

Ion Ratio Lower Upper

237 100

235 62.4 46.2 86.2

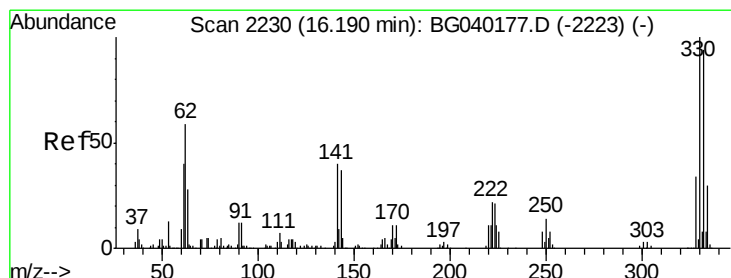
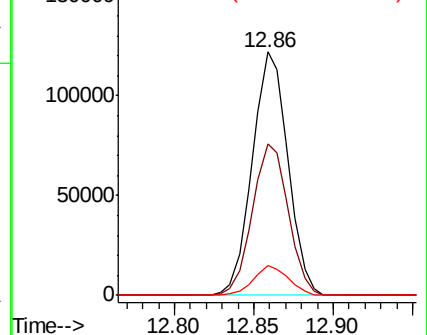
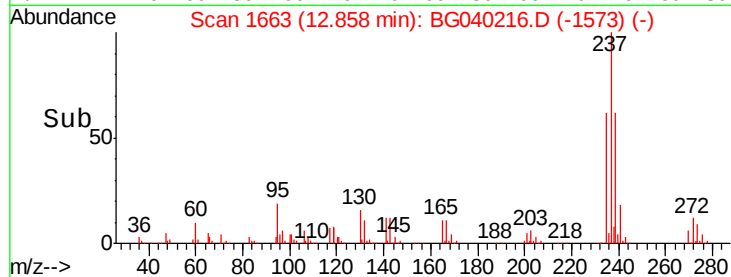
272 12.0 0.0 30.5



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: 154.556 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

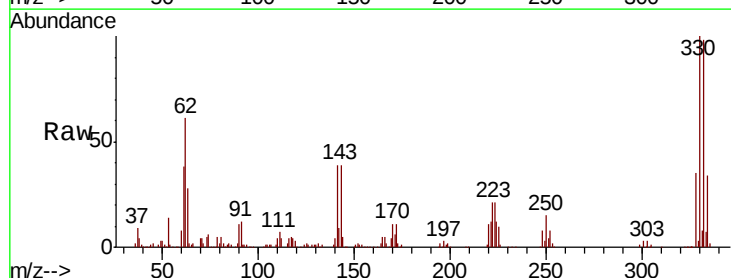
Tgt Ion: 330 Resp: 227315

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

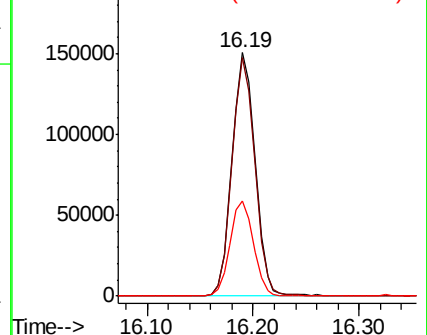
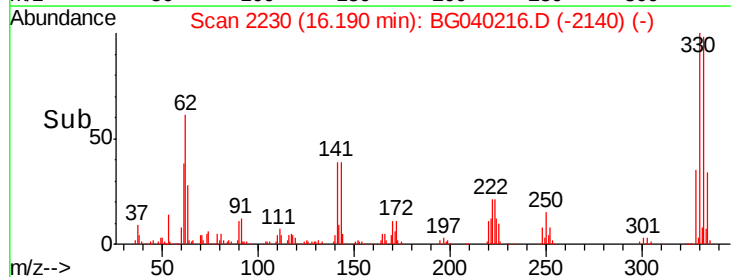
141 40.0 32.6 48.8

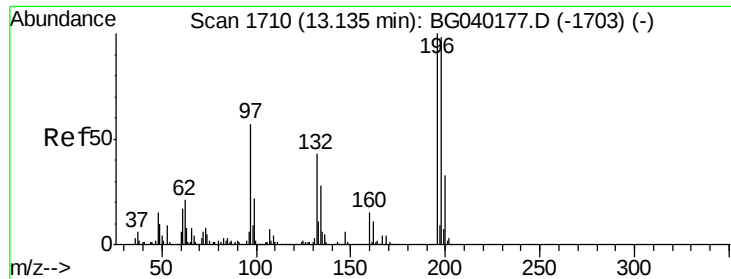


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

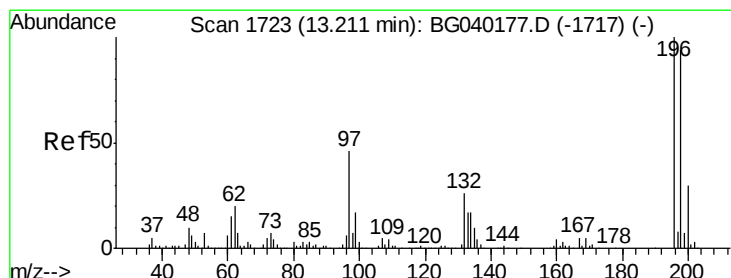
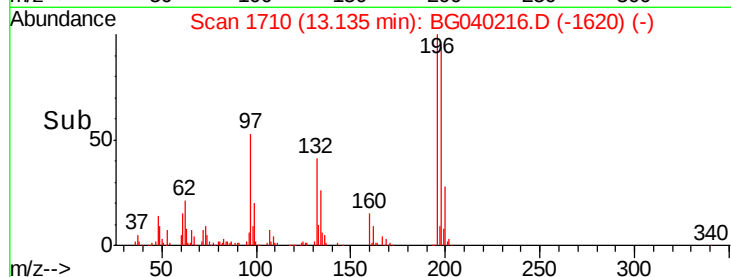
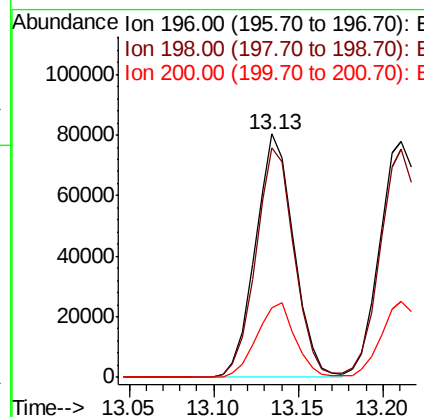
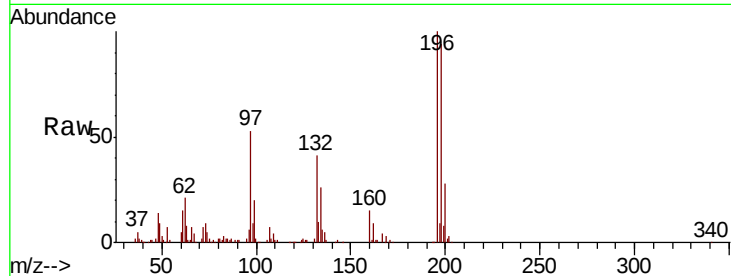




#43
 2,4,6-Trichlorophenol
 Concen: 45.421 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

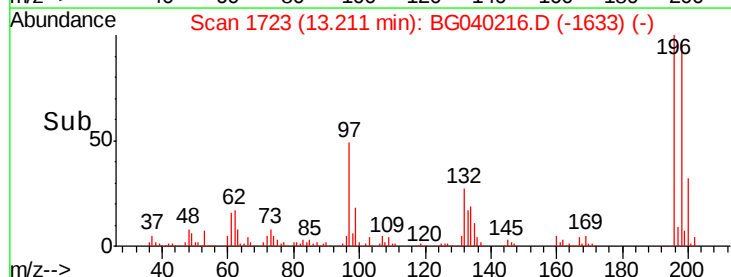
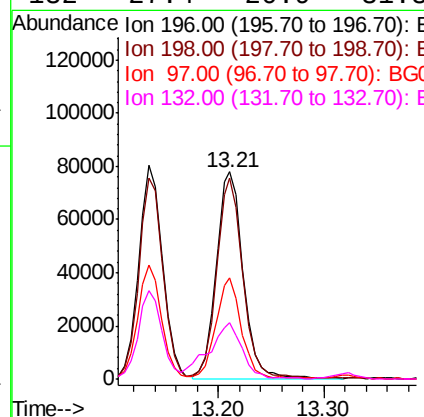
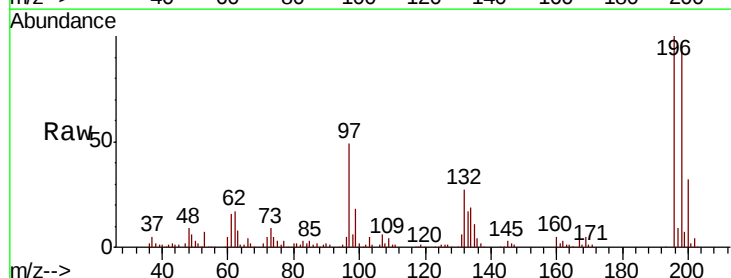
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

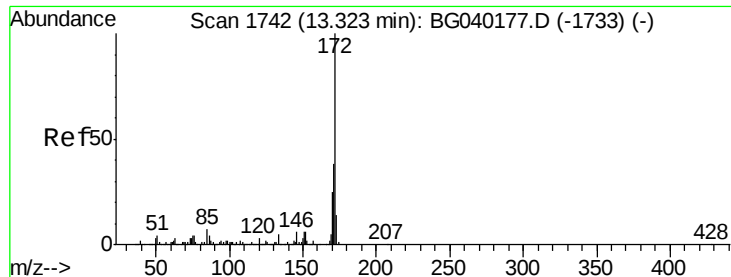
Tgt Ion:196 Resp: 126666
 Ion Ratio Lower Upper
 196 100
 198 94.1 78.3 117.5
 200 28.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.472 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion:196 Resp: 138216
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.0 112.6
 97 49.1 37.3 55.9
 132 27.4 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 83.980 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

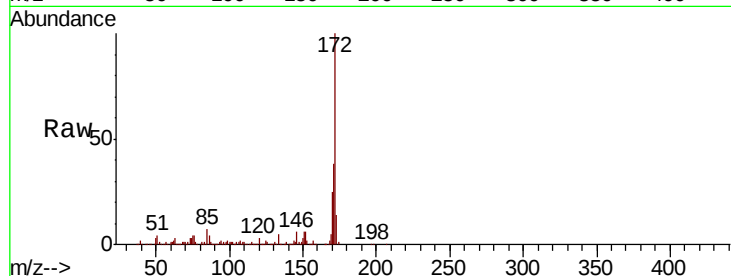
Tgt Ion:172 Resp: 771285

Ion Ratio Lower Upper

172 100

171 38.1 30.5 45.7

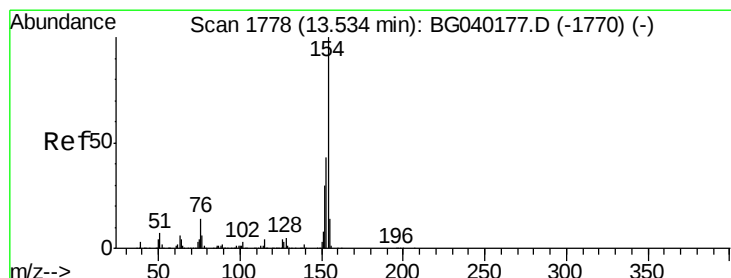
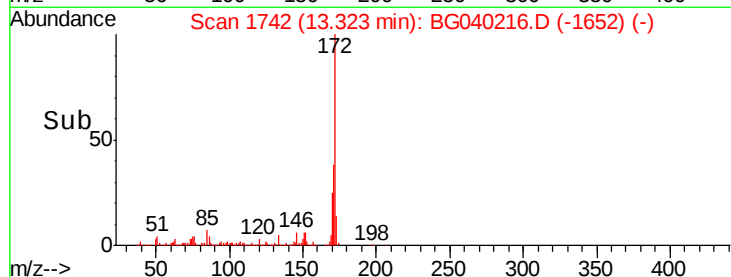
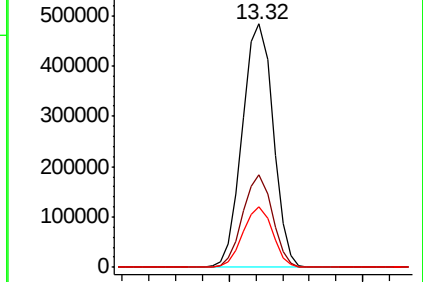
170 24.8 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.465 ng

RT: 13.53 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

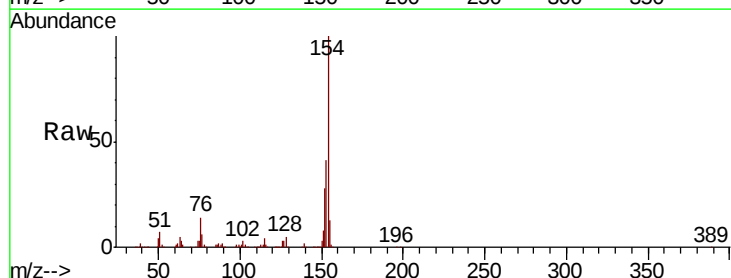
Tgt Ion:154 Resp: 445859

Ion Ratio Lower Upper

154 100

153 41.1 22.5 62.5

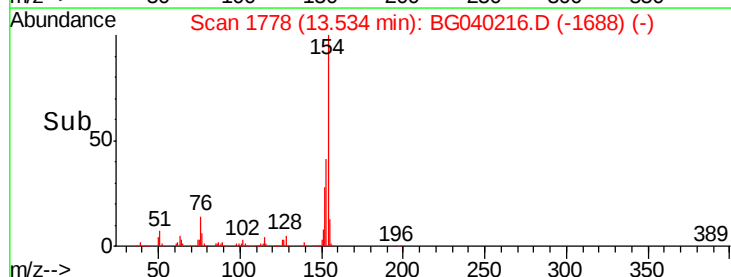
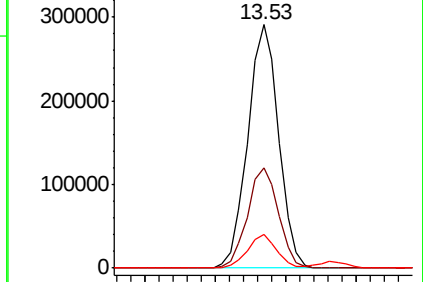
76 13.8 0.0 33.7

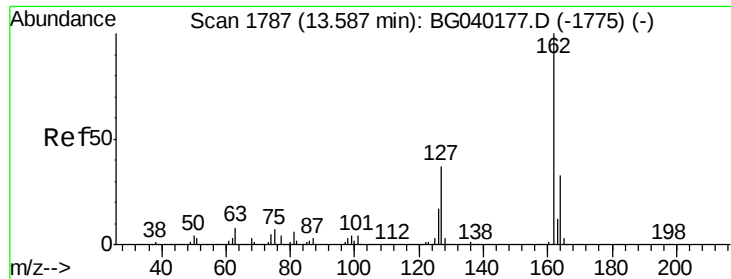


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

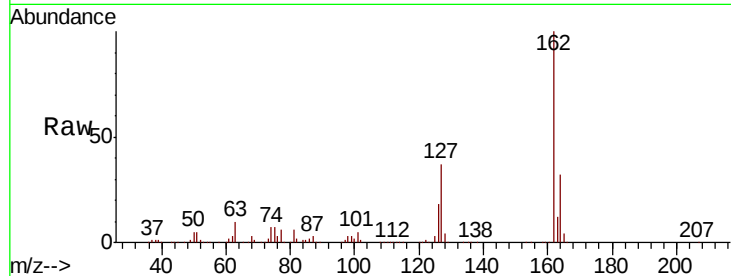




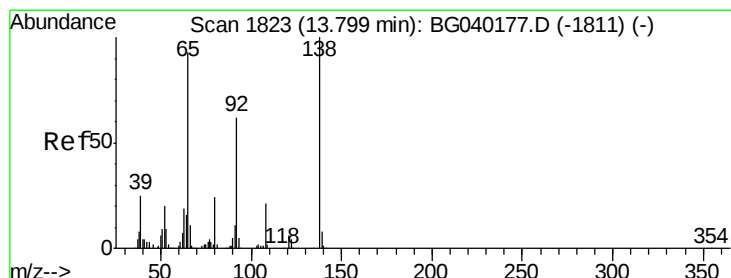
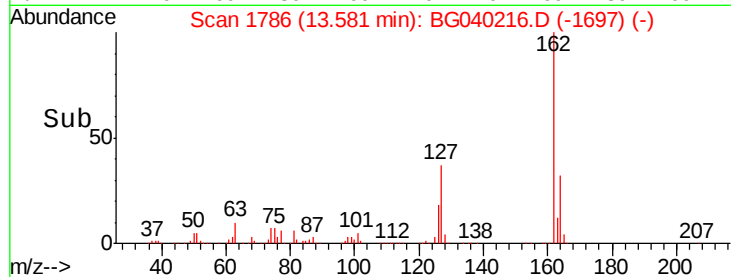
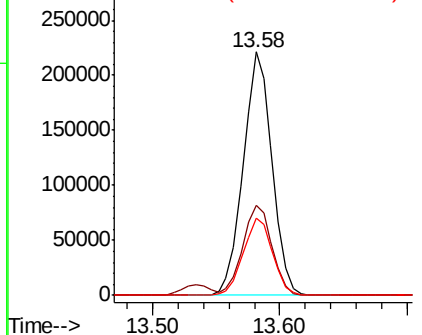
#47
 2-Chloronaphthalene
 Concen: 42.177 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleID :
 TP-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.6	45.8
164	31.9	26.2	39.4

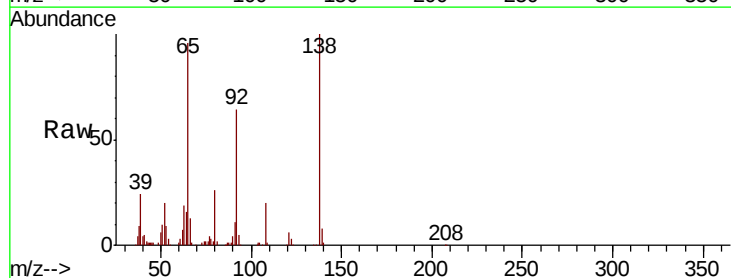


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

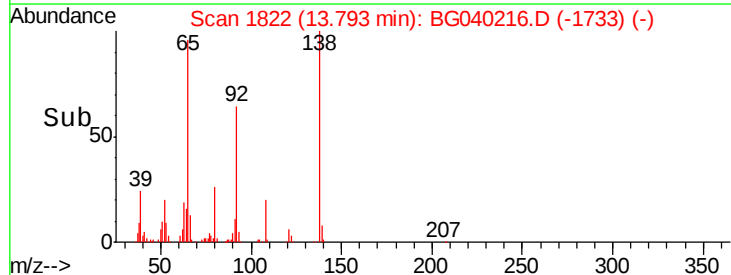
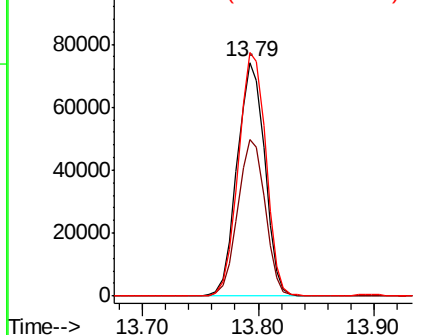


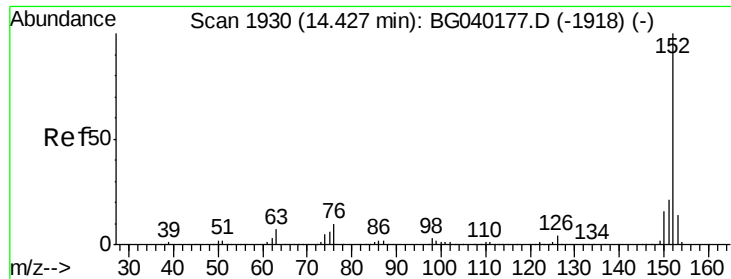
#48
 2-Nitroaniline
 Concen: 44.090 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.8	80.6
138	104.2	86.3	129.5



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: 42.647 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

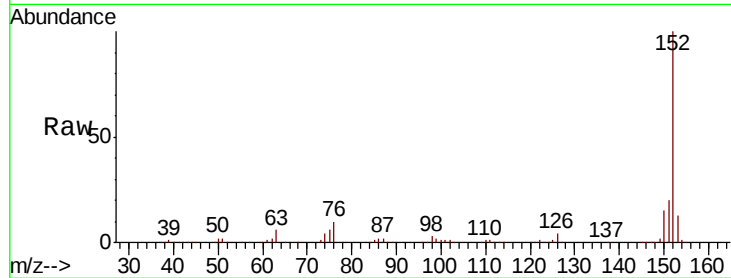
Tgt Ion:152 Resp: 596387

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.6

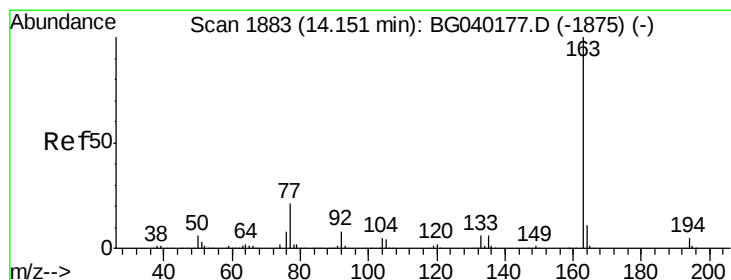
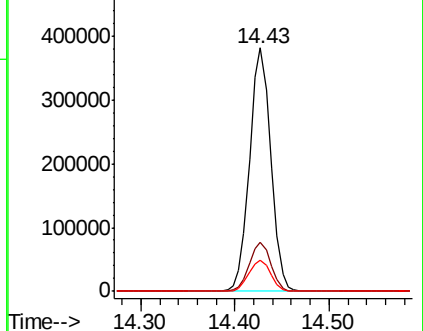
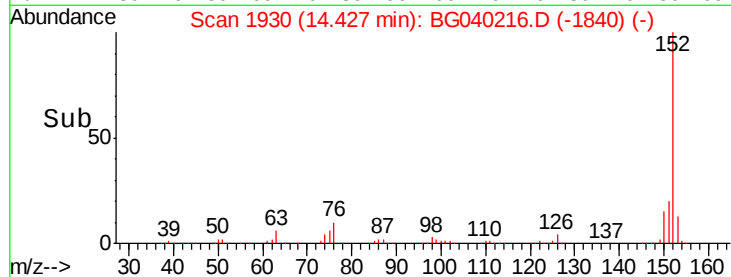
153 13.0 10.8 16.2



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: 46.245 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

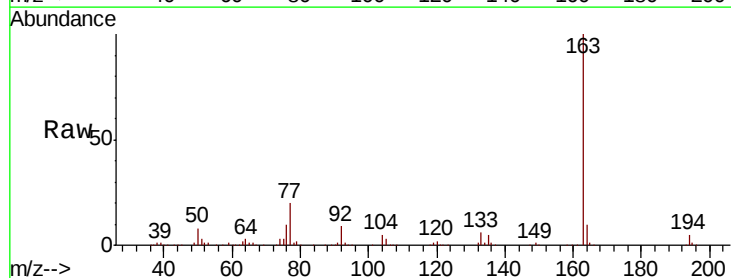
Tgt Ion:163 Resp: 492545

Ion Ratio Lower Upper

163 100

194 5.1 4.1 6.1

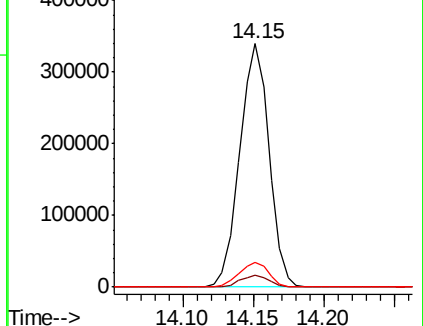
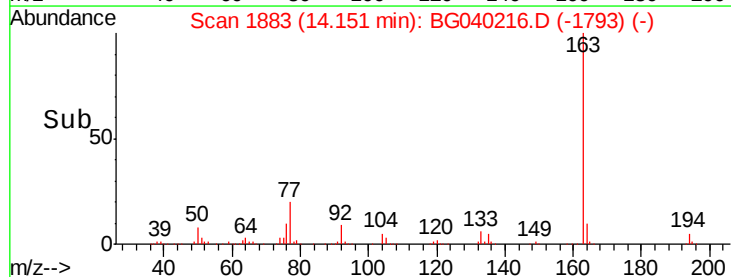
164 10.3 8.6 13.0

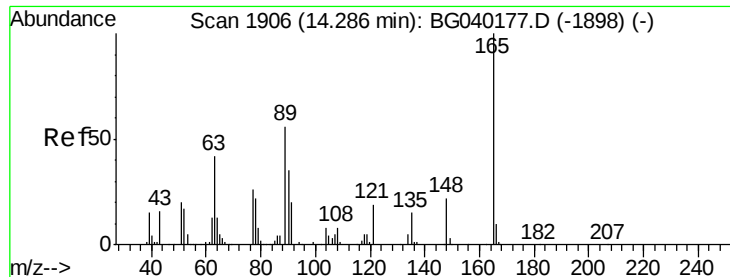


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

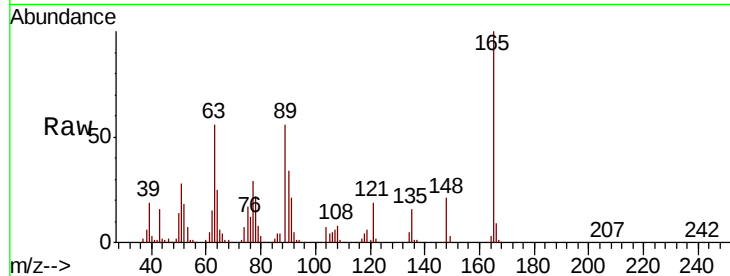




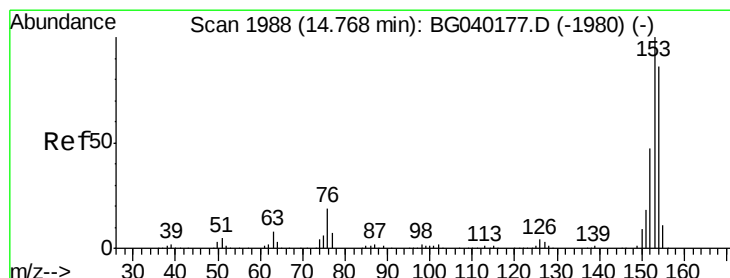
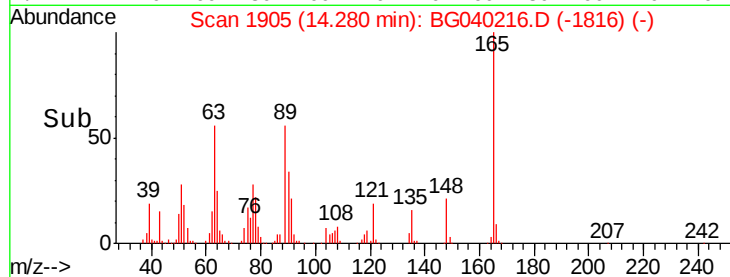
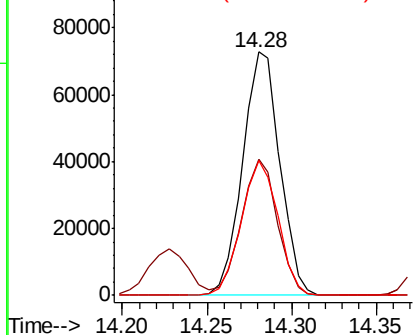
#51
 2,6-Dinitrotoluene
 Concen: 46.696 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tgt Ion:165 Resp: 111674
 Ion Ratio Lower Upper
 165 100
 63 55.8 44.1 66.1
 89 55.6 44.9 67.3

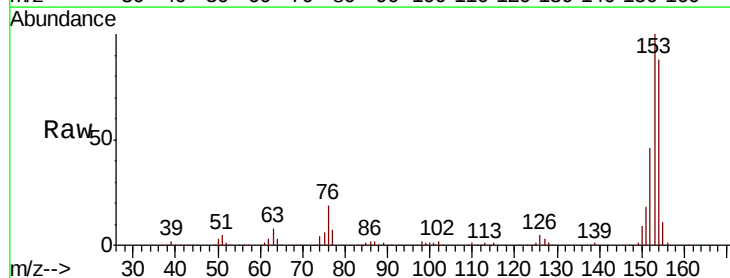


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

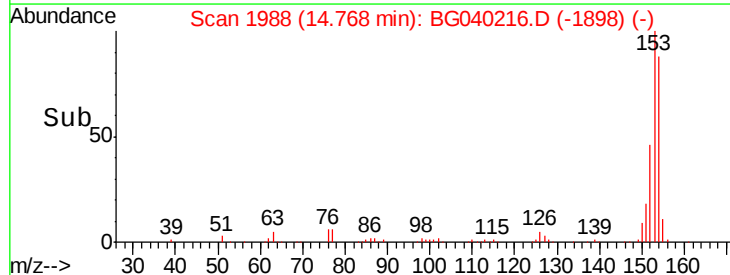
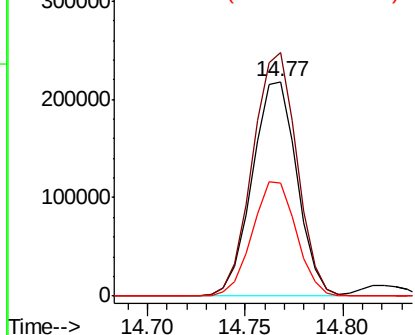


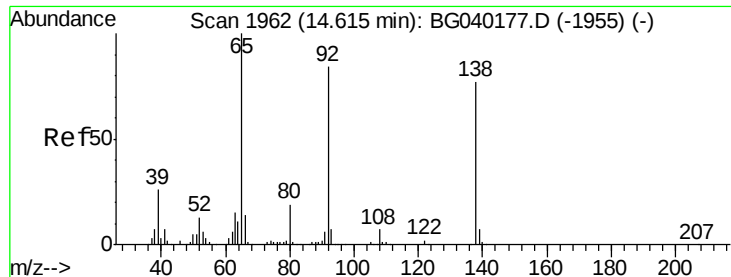
#52
 Acenaphthene
 Concen: 43.265 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion:154 Resp: 346693
 Ion Ratio Lower Upper
 154 100
 153 113.4 92.8 139.2
 152 52.6 43.4 65.2



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

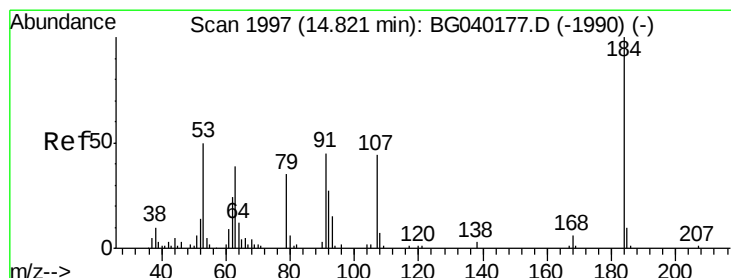
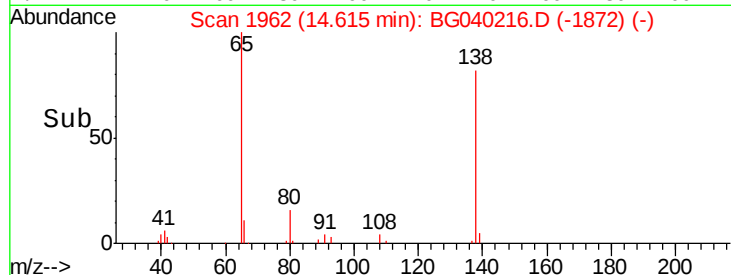
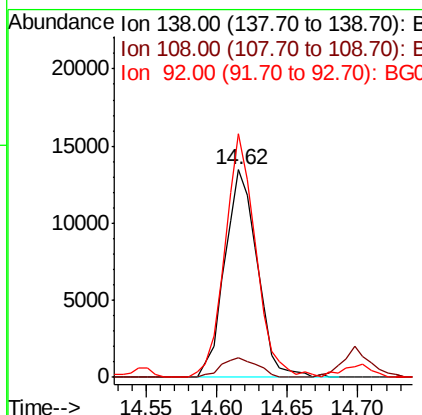
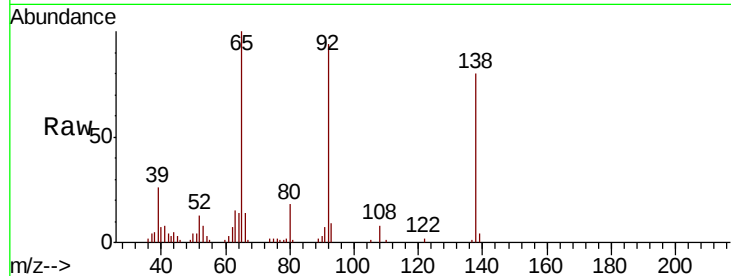




#53
3-Nitroaniline
Concen: 8.512 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

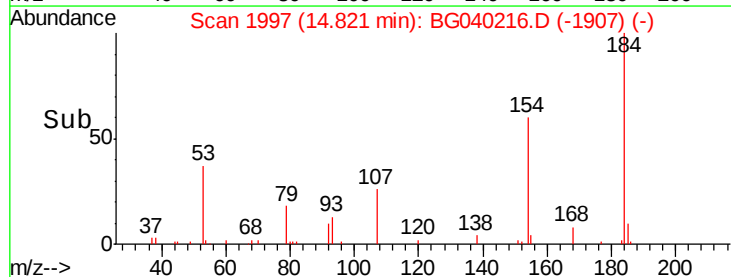
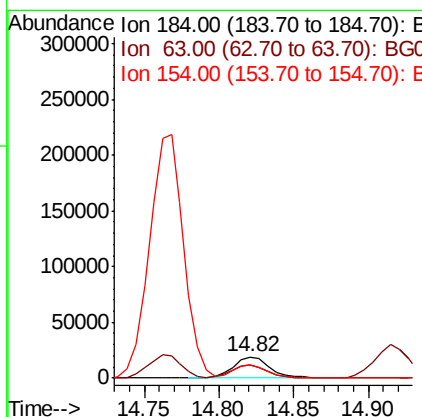
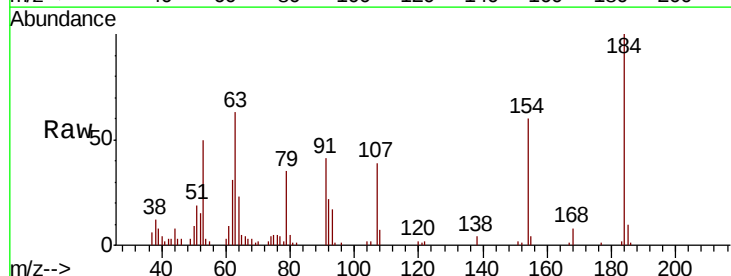
Instrument :
BNA_G
ClientSampleId :
TP-1MS

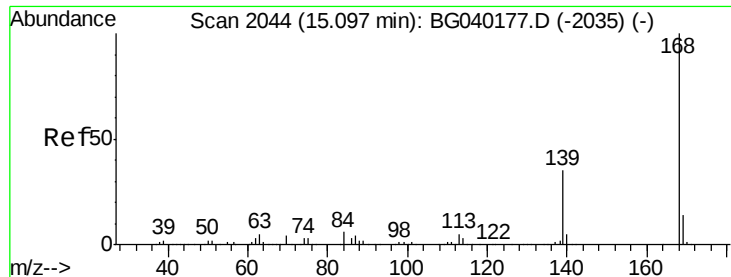
Tgt Ion:138 Resp: 21549
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 117.3 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 25.812 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:184 Resp: 32829
Ion Ratio Lower Upper
184 100
63 62.9 51.8 77.8
154 59.9 50.9 76.3

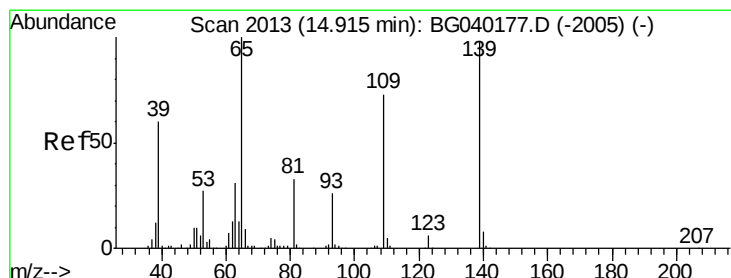
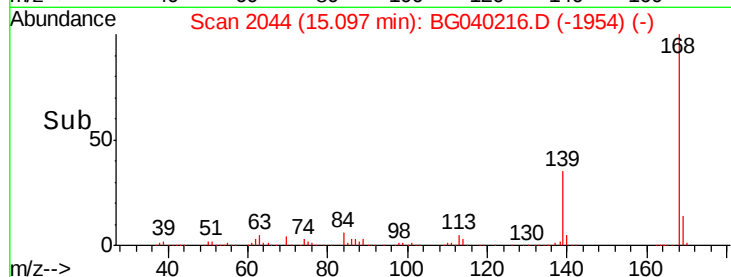
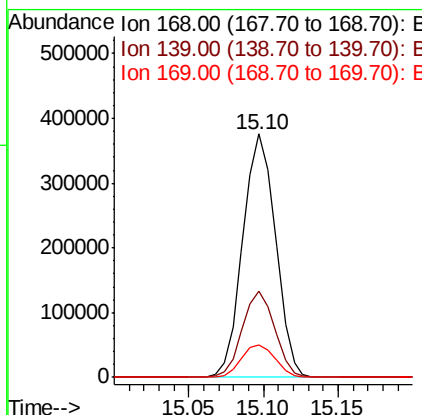
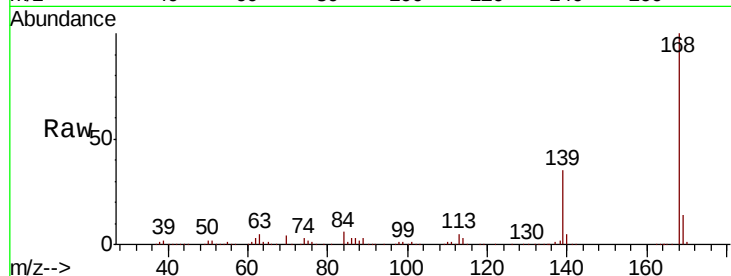




#55
Dibenzenofuran
Concen: 44.447 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

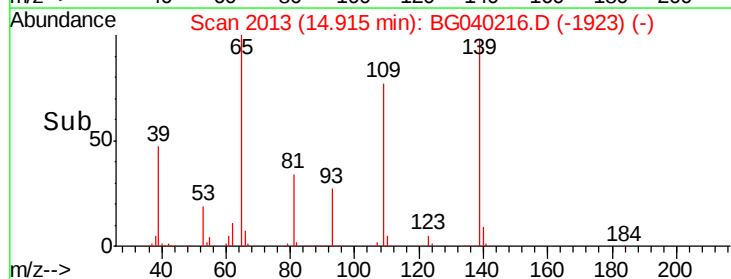
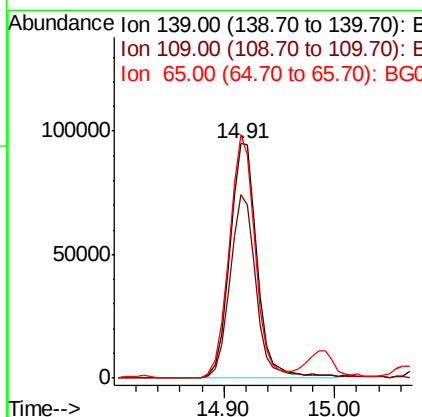
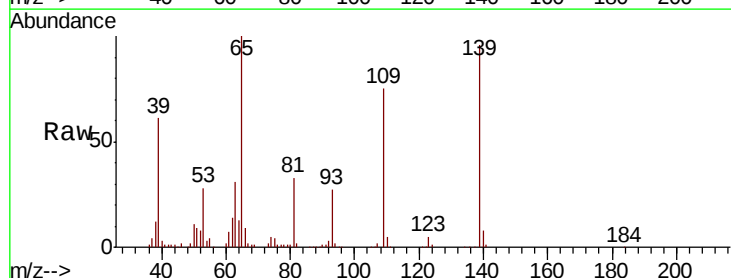
Instrument :
BNA_G
ClientSampleId :
TP-1MS

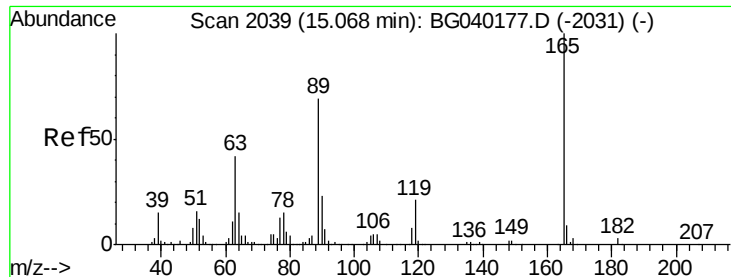
Tgt Ion:168 Resp: 572311
Ion Ratio Lower Upper
168 100
139 35.5 27.9 41.9
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 80.692 ng
RT: 14.91 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:139 Resp: 164862
Ion Ratio Lower Upper
139 100
109 78.3 54.3 94.3
65 103.8 82.5 122.5

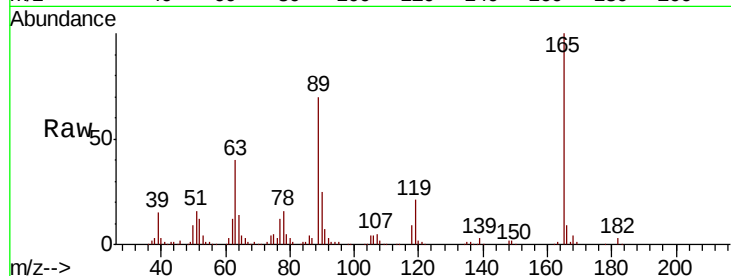




#57
2,4-Dinitrotoluene
Concen: 47.579 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	33.8	50.6
89	69.7	55.4	83.2
182	2.6	2.2	3.4



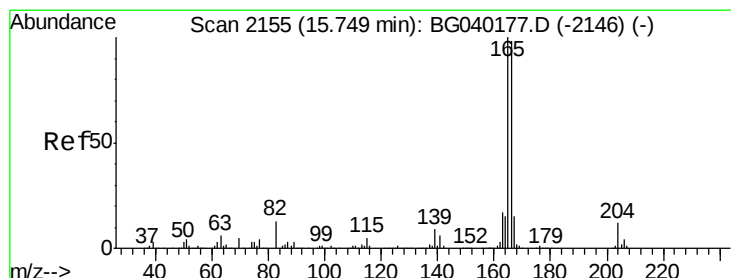
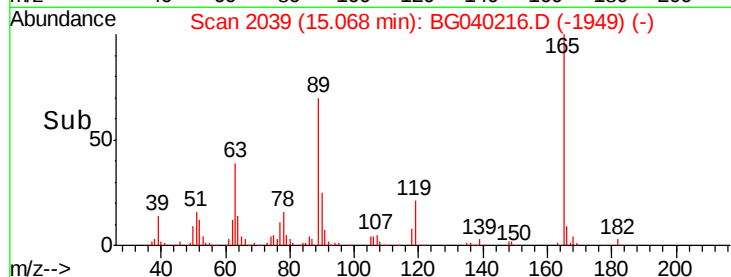
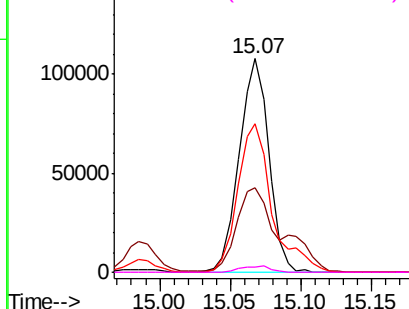
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

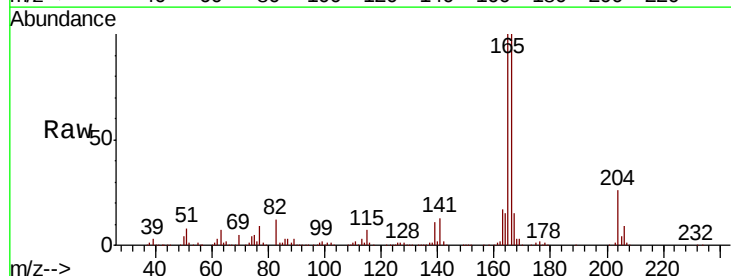
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.131 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.7	122.5
167	14.7	11.9	17.9

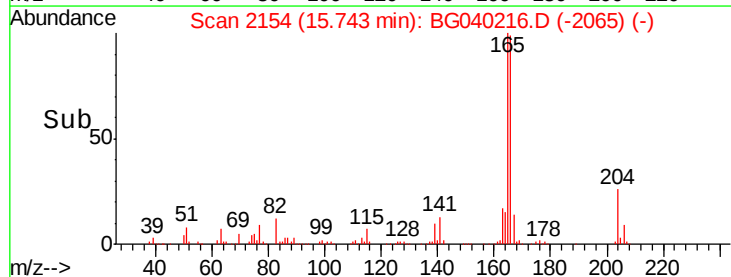
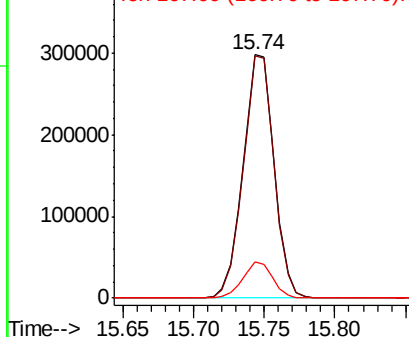


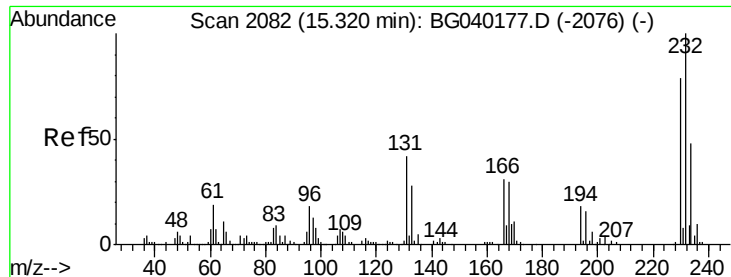
Abundance

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

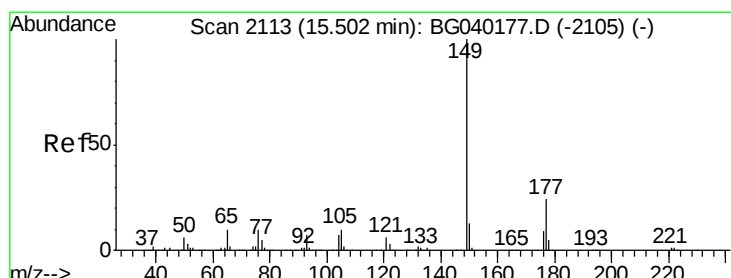
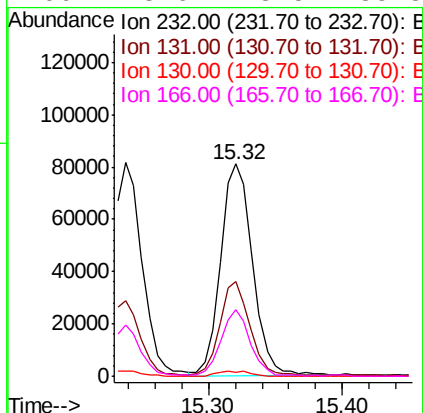
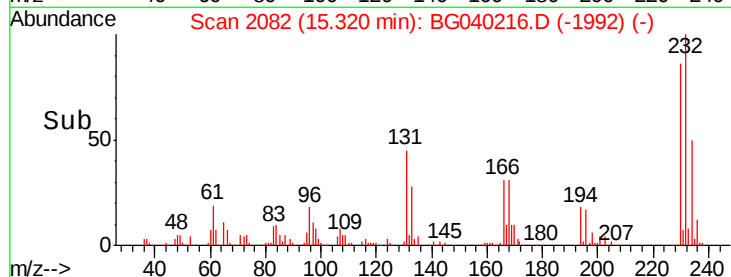
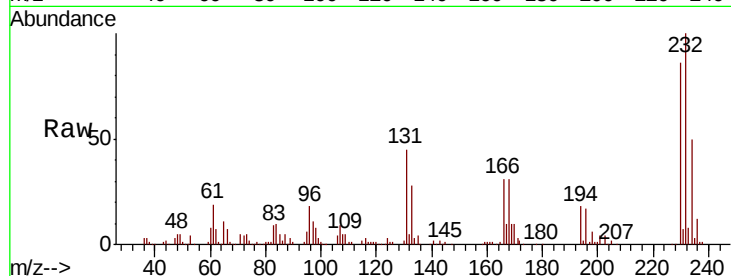




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.019 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

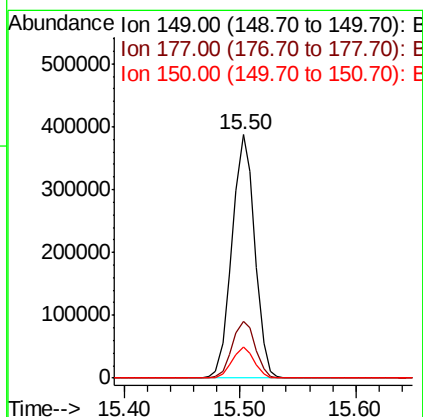
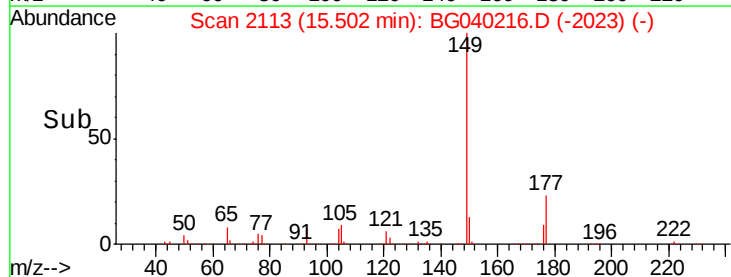
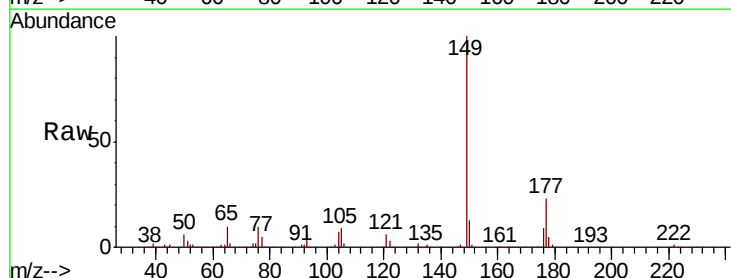
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

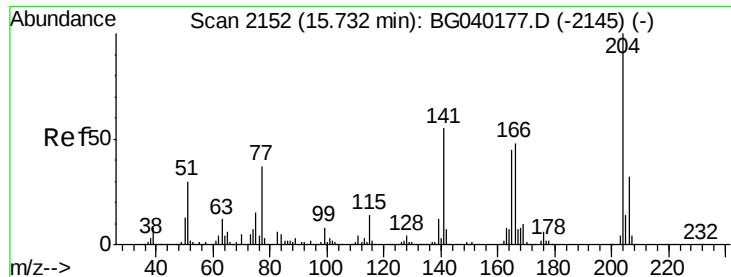
Tgt Ion:	232	Resp:	135209
Ion	Ratio	Lower	Upper
232	100		
131	42.2	32.9	49.3
130	2.5	1.8	2.8
166	28.6	23.5	35.3



#60
 Diethylphthalate
 Concen: 48.341 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion:	149	Resp:	526862
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.1	28.7
150	12.8	10.6	15.8

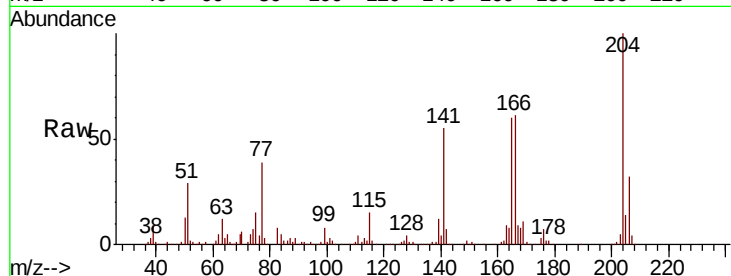




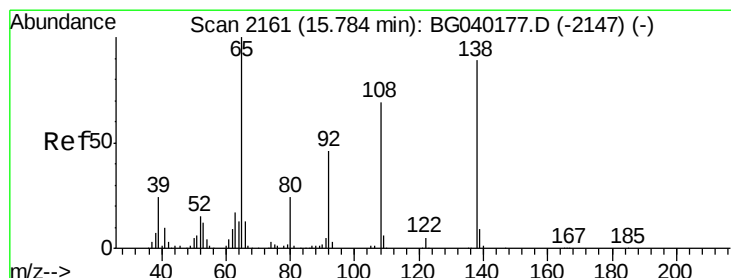
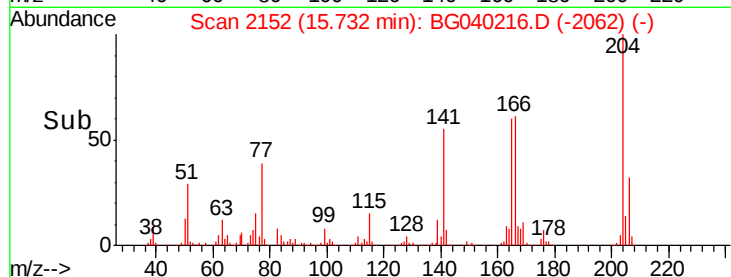
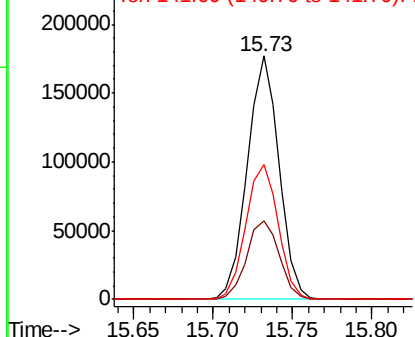
#61
 4-Chlorophenyl-phenylether
 Concen: 45.324 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tgt Ion: 204 Resp: 245262
 Ion Ratio Lower Upper
 204 100
 206 32.0 25.7 38.5
 141 55.3 44.0 66.0

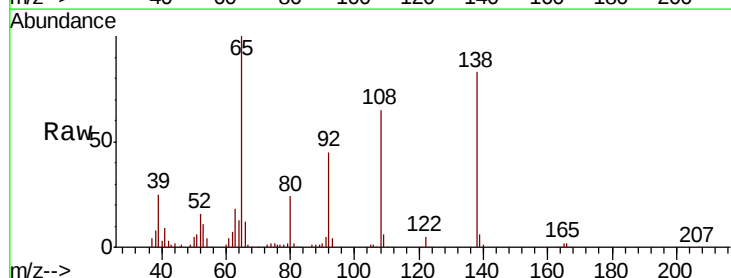


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

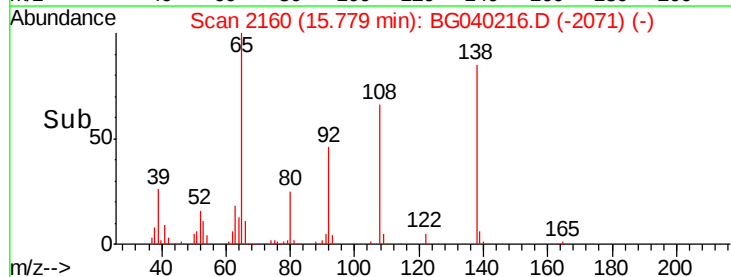
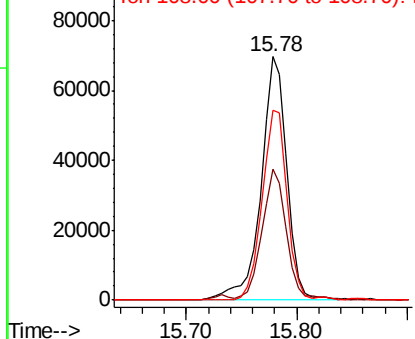


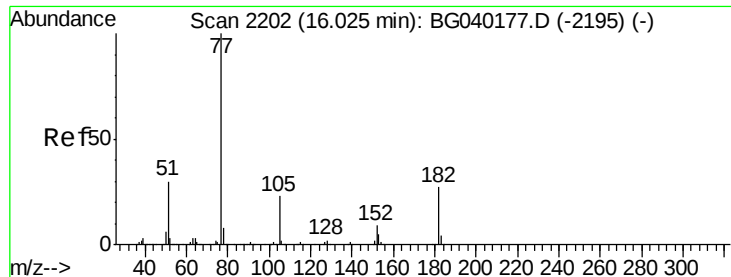
#62
 4-Nitroaniline
 Concen: 41.827 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion: 138 Resp: 113632
 Ion Ratio Lower Upper
 138 100
 92 53.7 31.8 71.8
 108 78.1 57.2 97.2



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





#63

Azobenzene

Concen: 45.887 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 471741

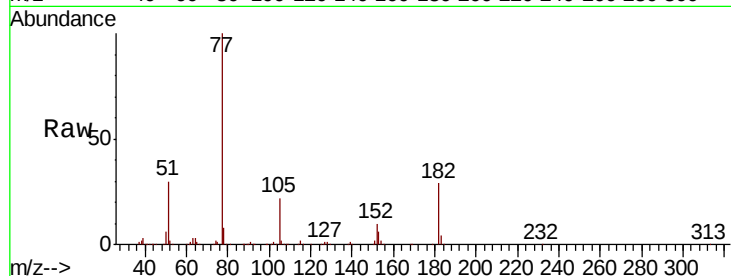
Ion Ratio Lower Upper

77 100

182 29.0 7.2 47.2

105 22.0 2.8 42.8

51 30.4 10.4 50.4

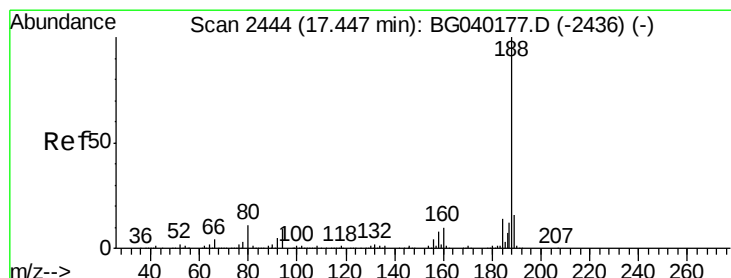
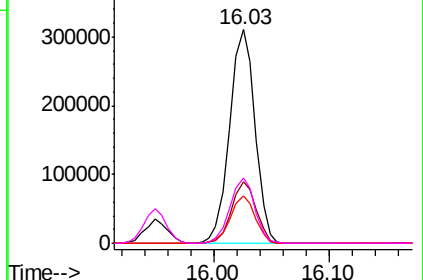
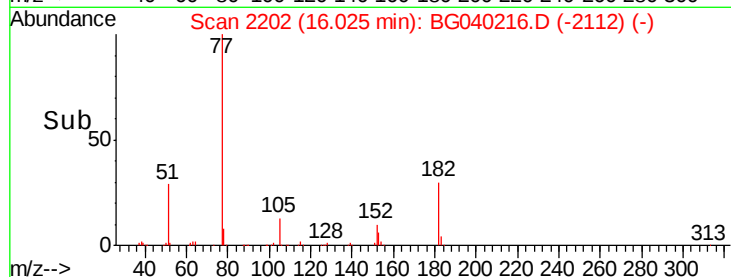


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

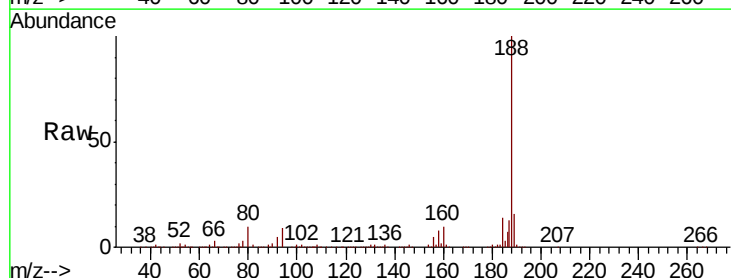
Tgt Ion: 188 Resp: 351397

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

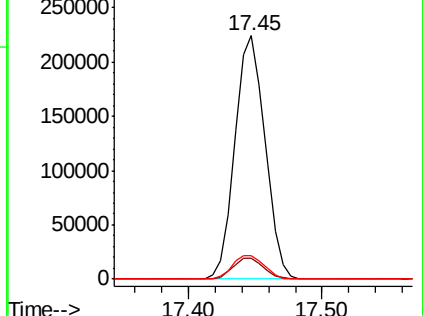
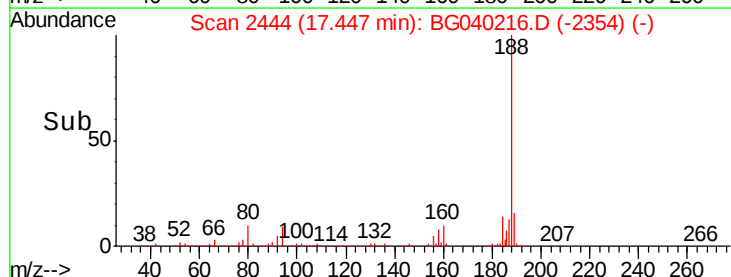
80 9.7 8.6 13.0

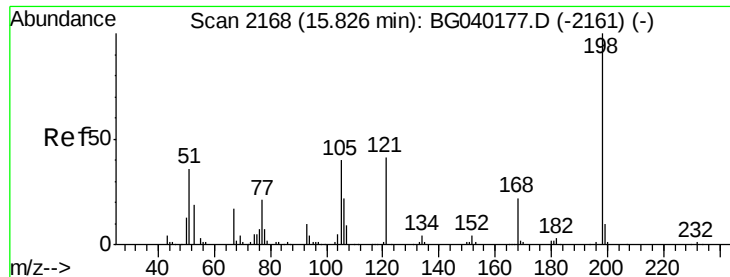


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

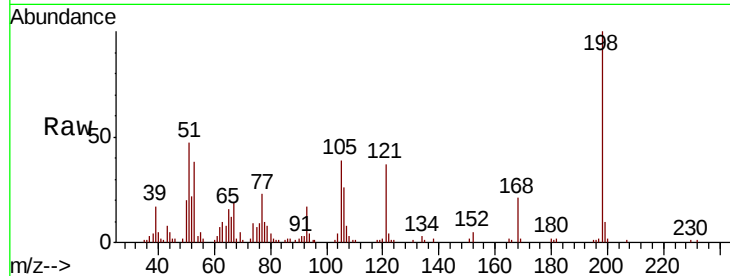




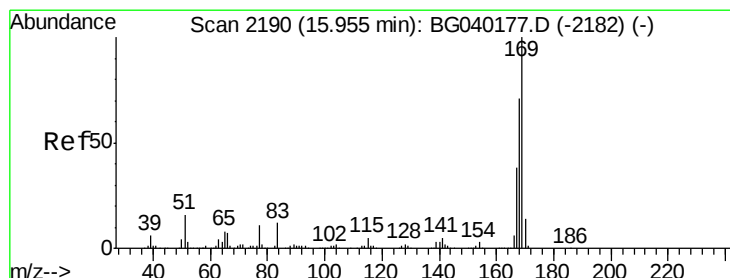
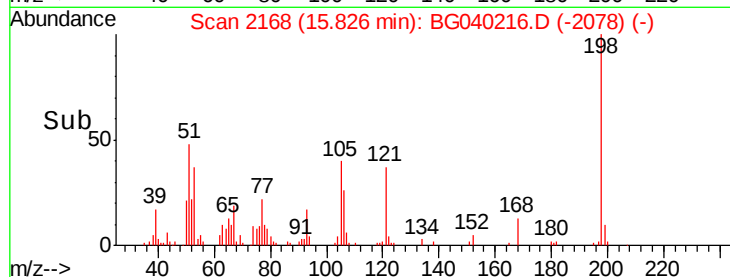
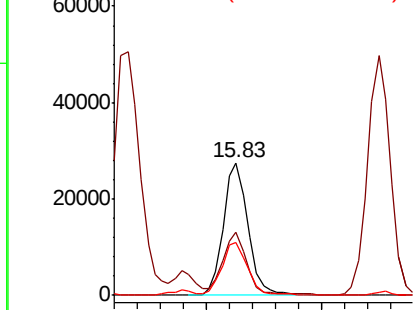
#65
4,6-Dinitro-2-methylphenol
Concen: 20.625 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:198 Resp: 40719
Ion Ratio Lower Upper
198 100
51 47.3 27.3 67.3
105 39.4 21.7 61.7

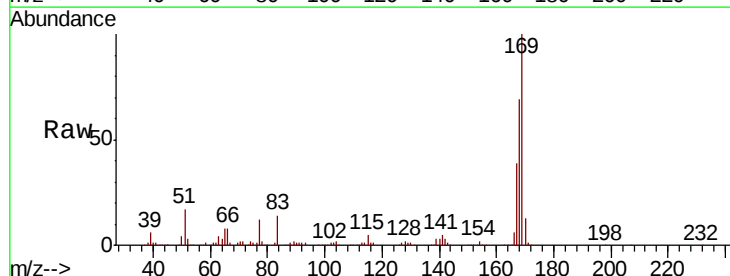


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

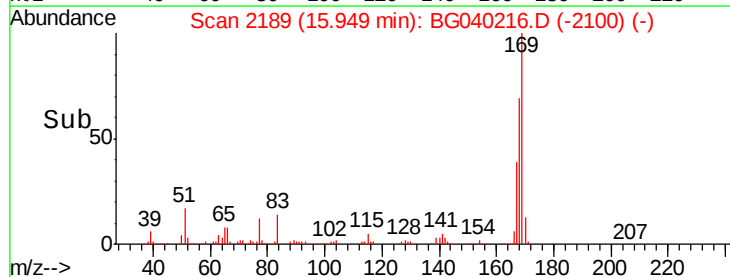
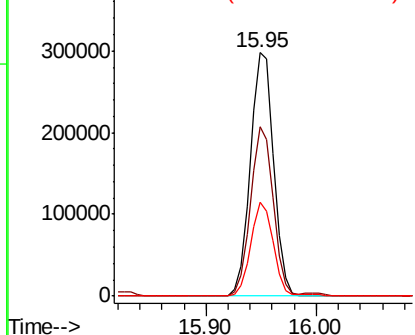


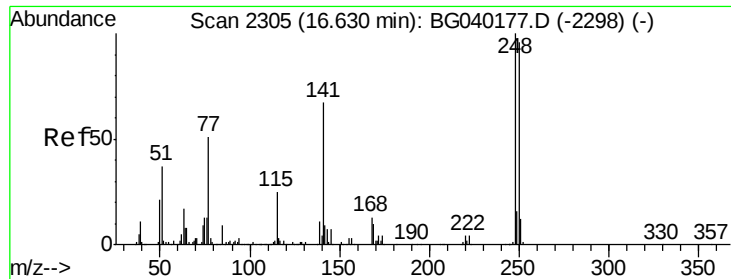
#66
n-Nitrosodiphenylamine
Concen: 42.932 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:169 Resp: 441459
Ion Ratio Lower Upper
169 100
168 69.3 56.8 85.2
167 38.7 30.2 45.4



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

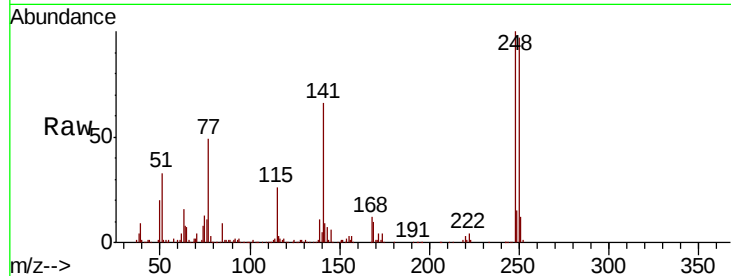




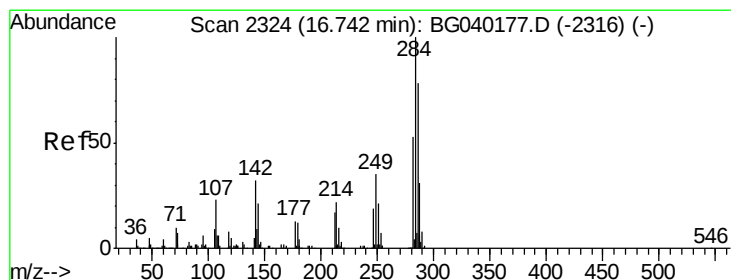
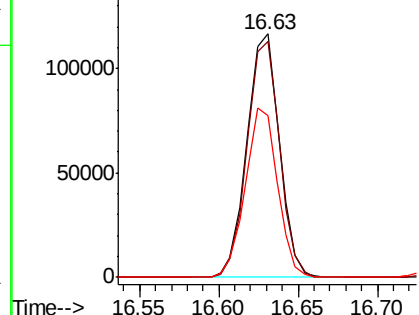
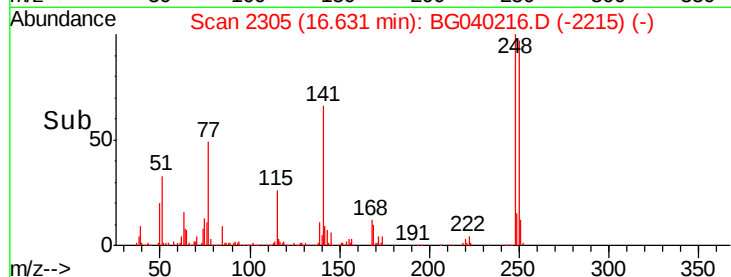
#67
 4-Bromophenyl-phenylether
 Concen: 42.139 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tgt Ion:248 Resp: 166637
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.4 114.6
 141 66.2 53.8 80.8

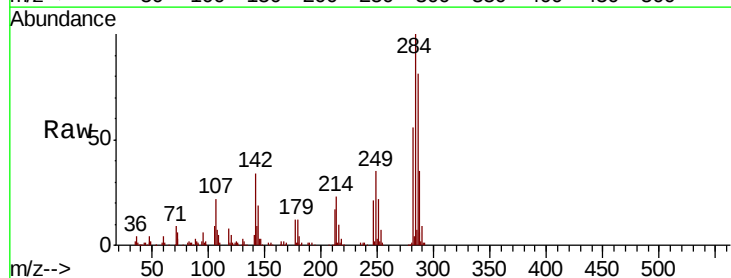


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

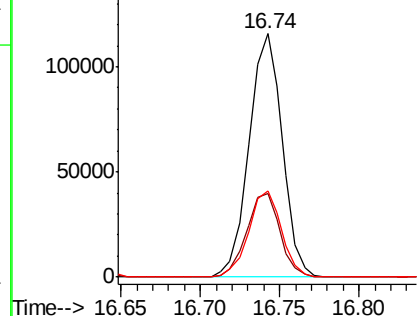
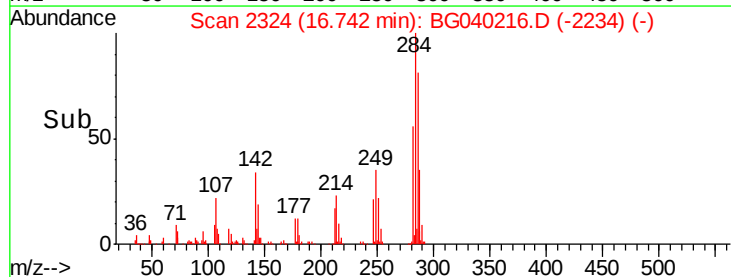


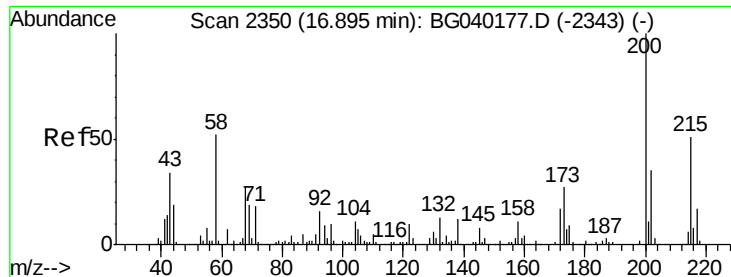
#68
 Hexachlorobenzene
 Concen: 42.225 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion:284 Resp: 167885
 Ion Ratio Lower Upper
 284 100
 142 34.3 25.3 37.9
 249 35.3 28.2 42.2



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





#69

Atrazine

Concen: 44.454 ng

RT: 16.89 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

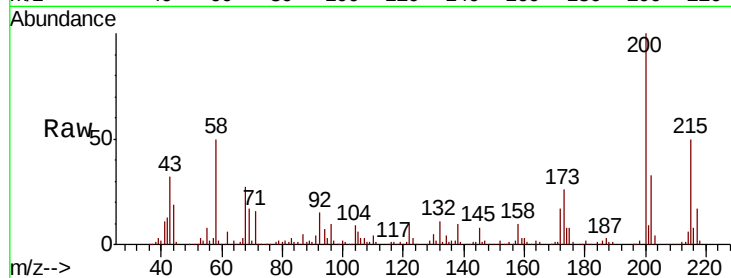
Tgt Ion:200 Resp: 170042

Ion Ratio Lower Upper

200 100

173 25.9 7.1 47.1

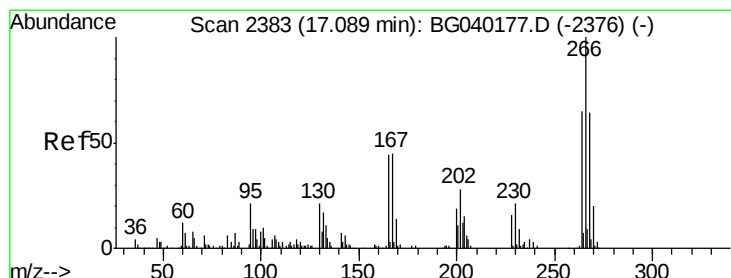
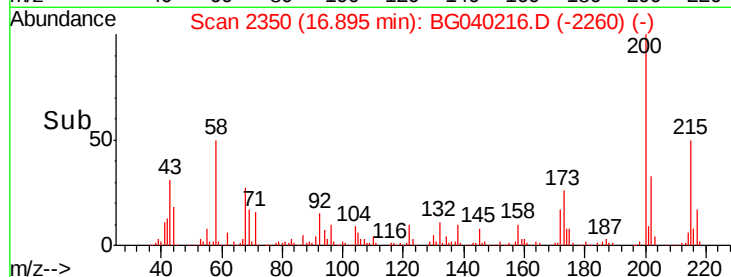
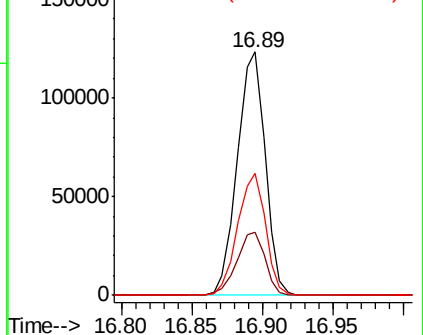
215 50.0 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.269 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

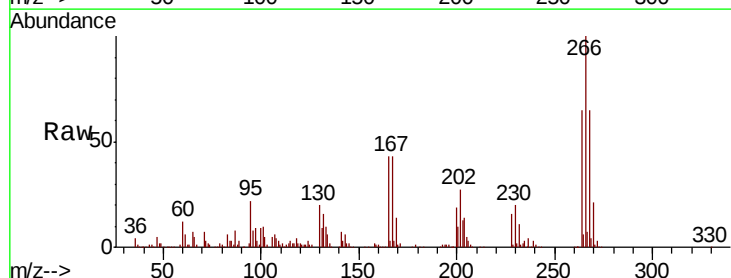
Tgt Ion:266 Resp: 163826

Ion Ratio Lower Upper

266 100

268 65.0 55.0 82.4

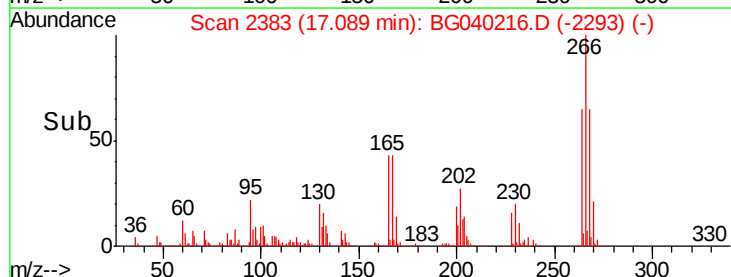
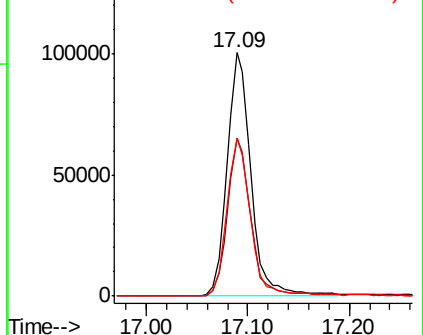
264 64.6 51.8 77.8

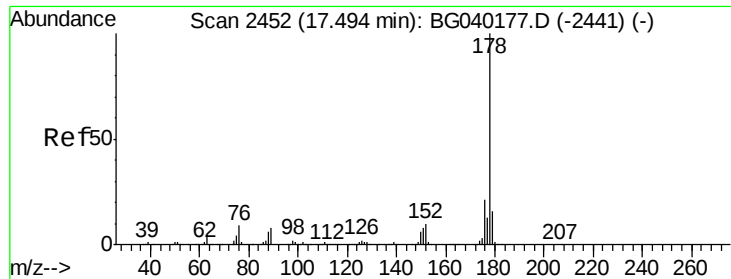


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

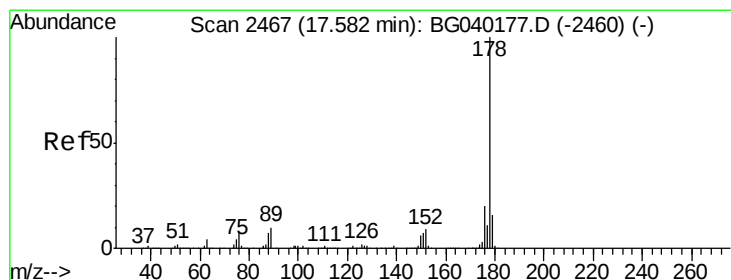
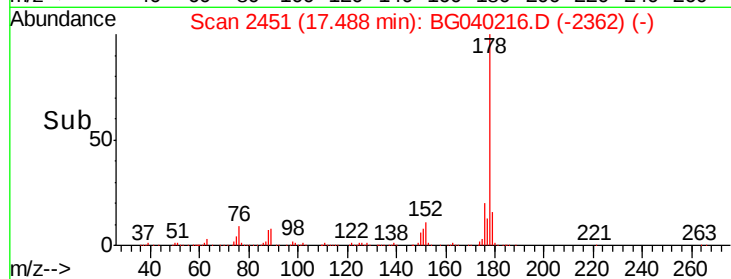
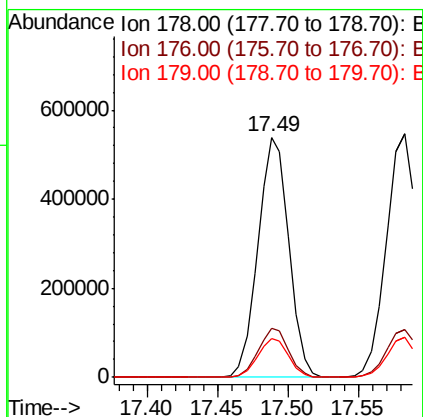
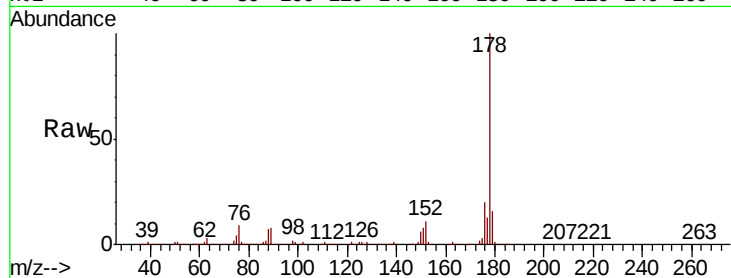




#71
Phenanthrene
Concen: 44.800 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

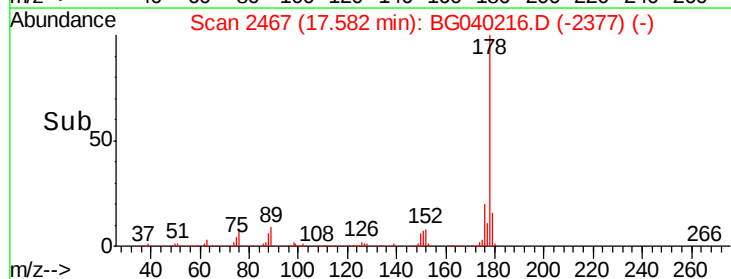
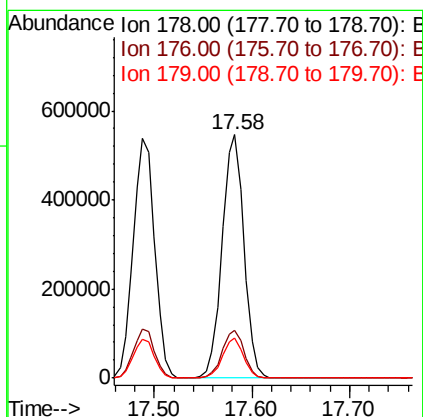
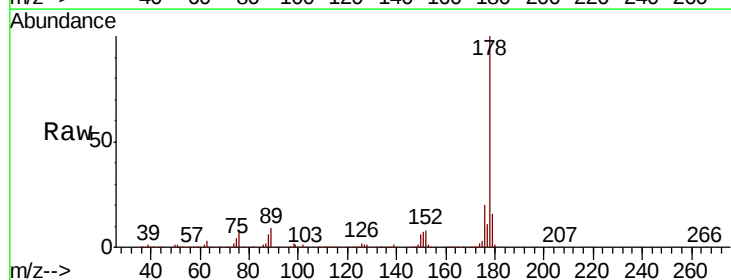
Instrument :
BNA_G
ClientSampleId :
TP-1MS

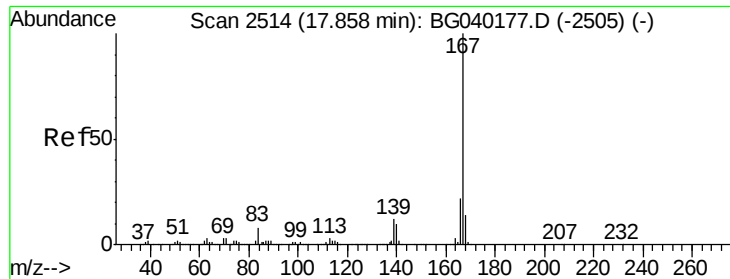
Tgt Ion:178 Resp: 827453
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 16.3 12.8 19.2



#72
Anthracene
Concen: 45.607 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:178 Resp: 843136
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.3 12.9 19.3





#73

Carbazole

Concen: 45.763 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

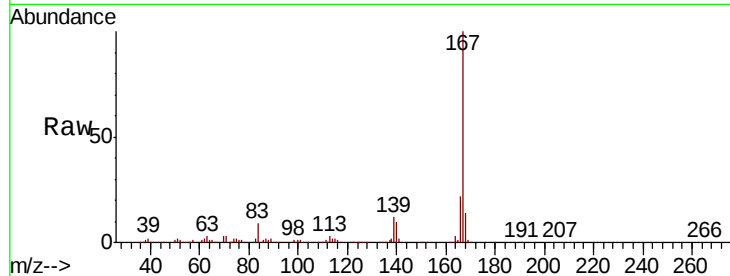
Tgt Ion:167 Resp: 800659

Ion Ratio Lower Upper

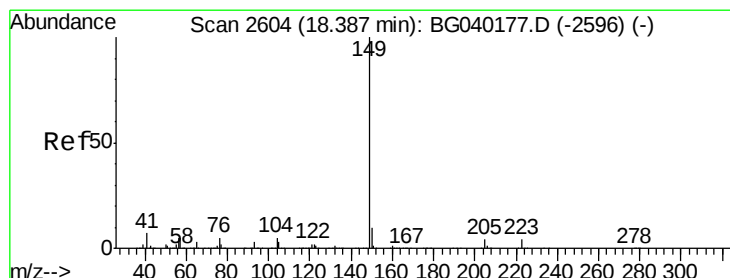
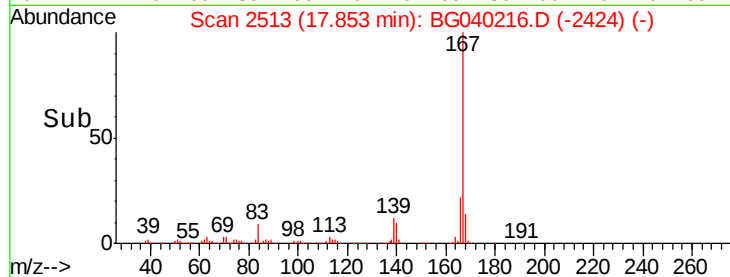
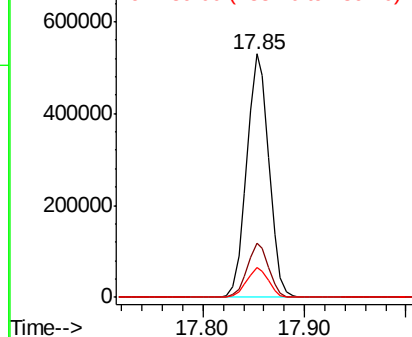
167 100

166 22.5 17.5 26.3

139 12.5 10.0 15.0



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: 46.601 ng

RT: 18.39 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

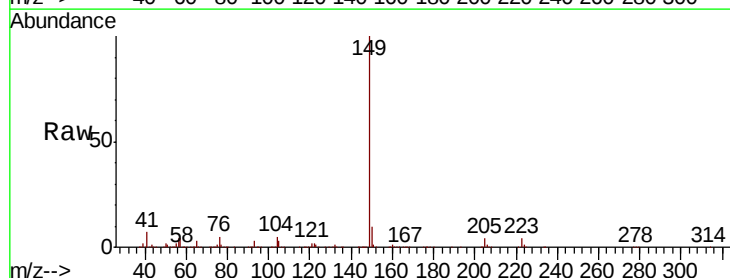
Tgt Ion:149 Resp: 966449

Ion Ratio Lower Upper

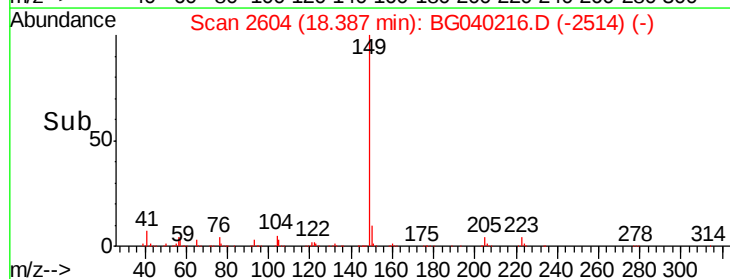
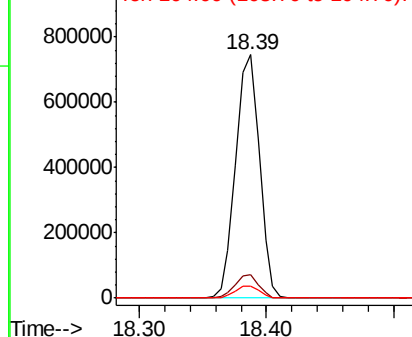
149 100

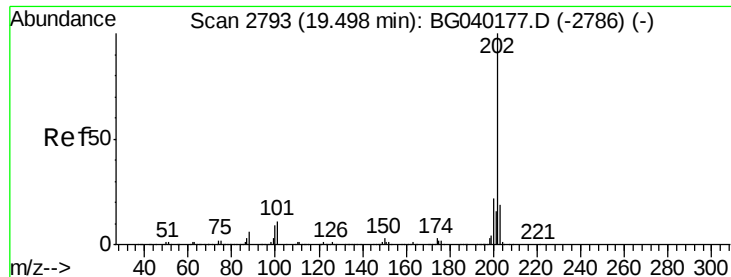
150 9.6 7.9 11.9

104 4.9 4.1 6.1



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: 46.998 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

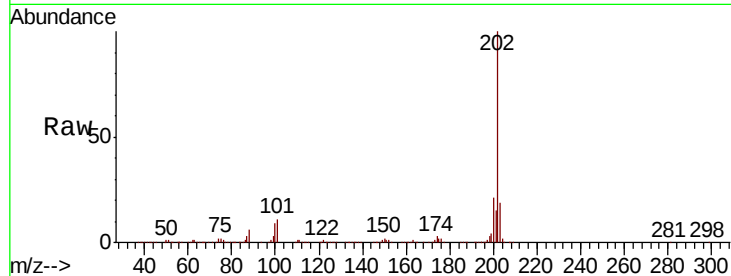
Tgt Ion:202 Resp: 1027895

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

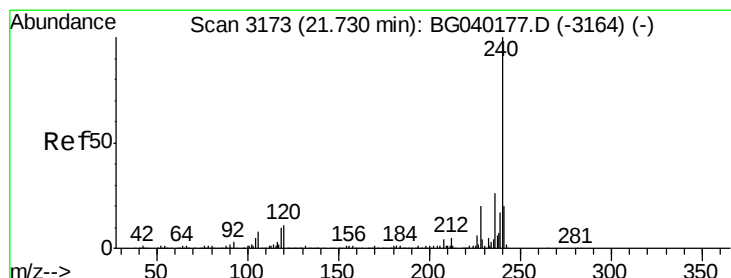
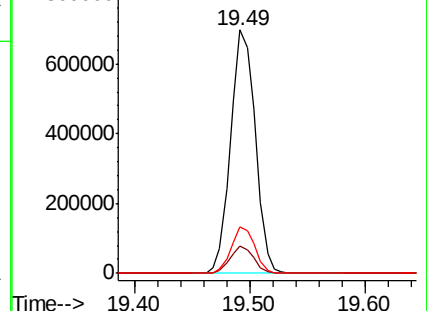
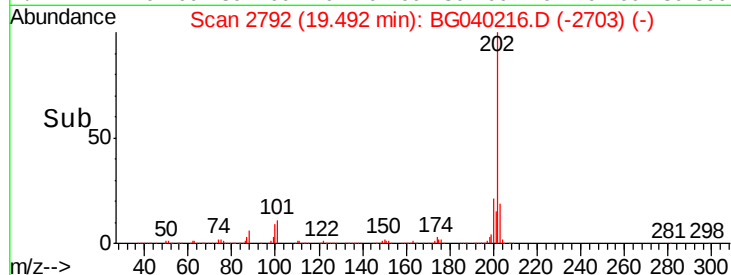
203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

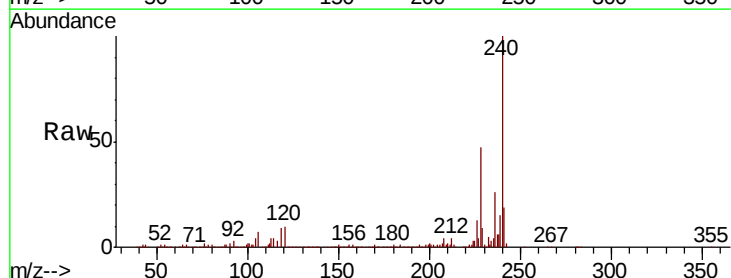
Tgt Ion:240 Resp: 364881

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

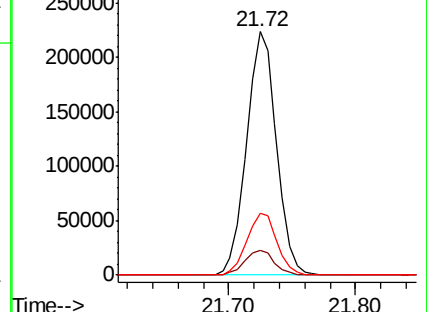
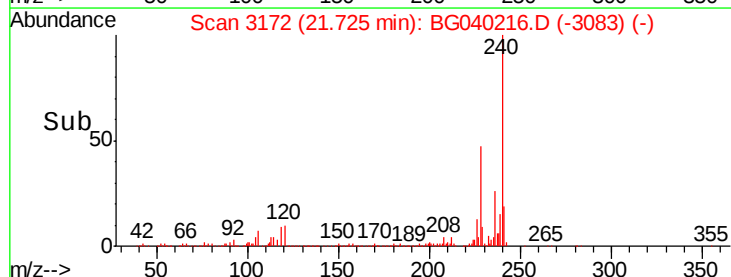
236 25.6 20.8 31.2

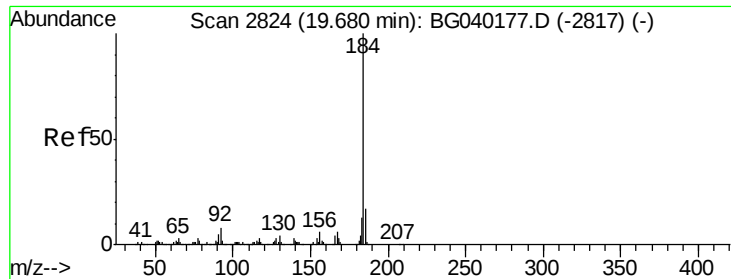


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.322 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

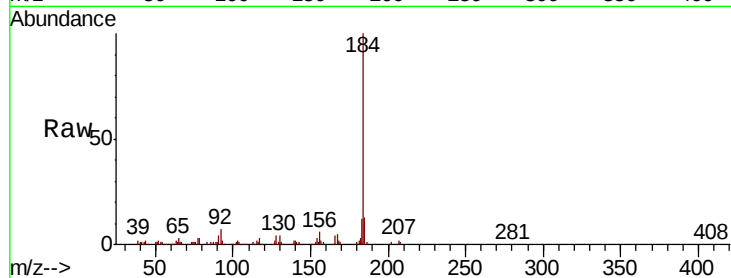
Tgt Ion:184 Resp: 109655

Ion Ratio Lower Upper

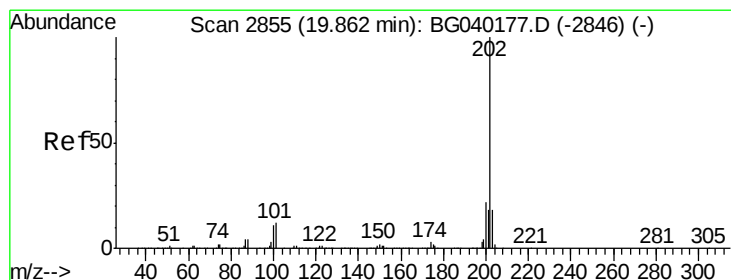
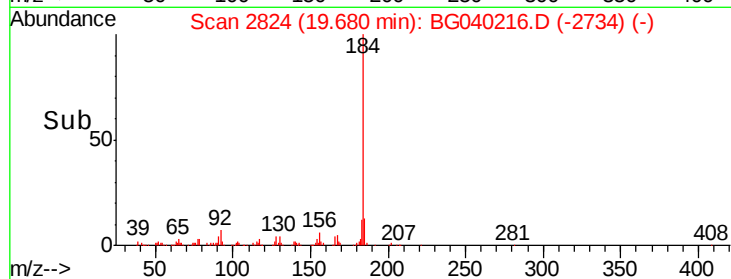
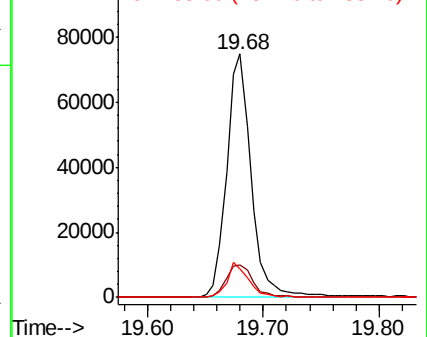
184 100

185 13.4 13.3 19.9

183 11.6 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.481 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

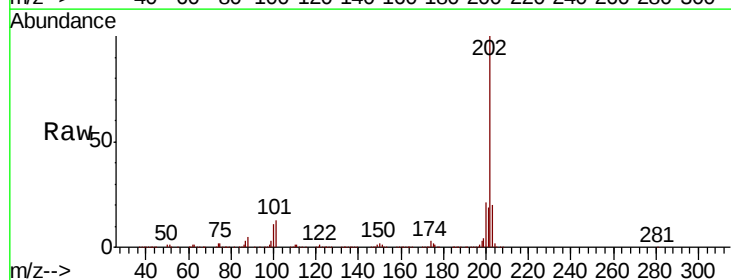
Tgt Ion:202 Resp: 1043340

Ion Ratio Lower Upper

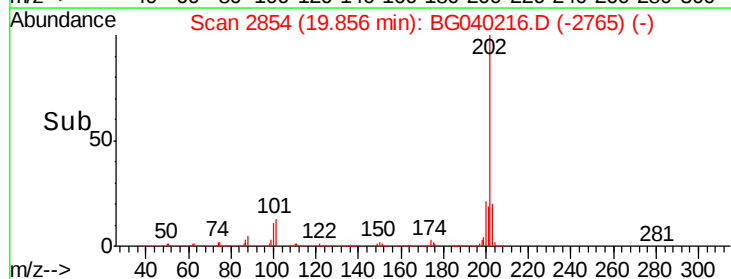
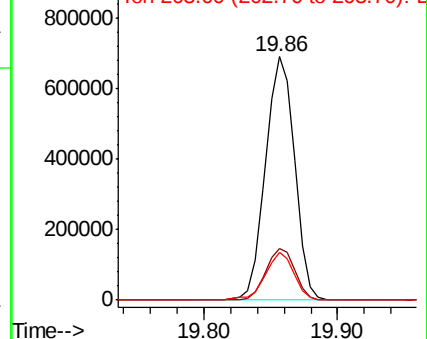
202 100

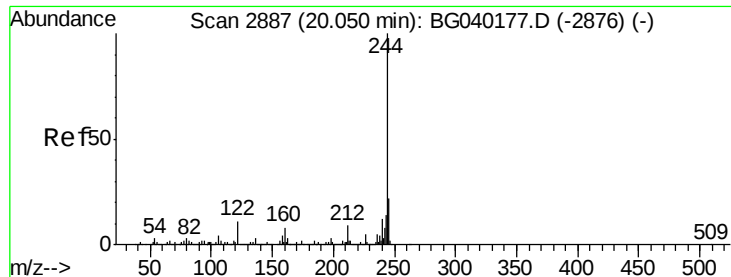
200 21.3 17.3 25.9

203 19.7 14.6 22.0



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: 86.975 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

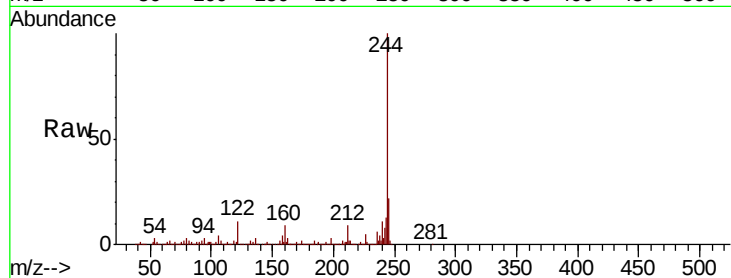
Tgt Ion:244 Resp: 1410693

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

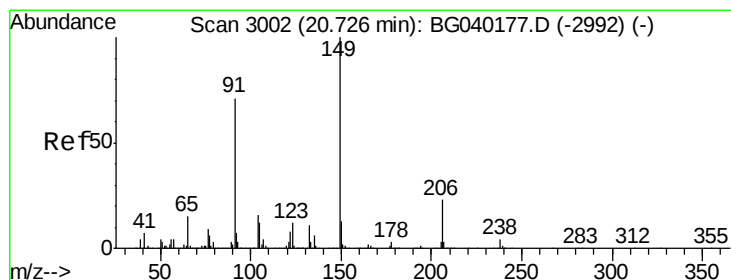
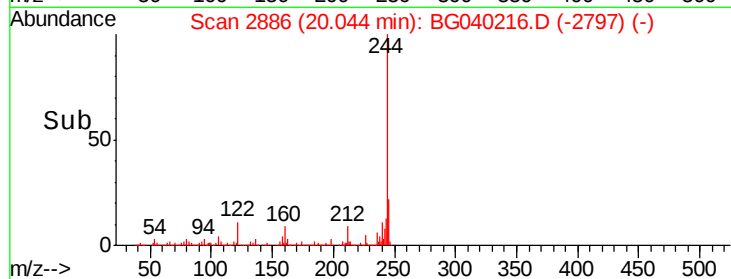
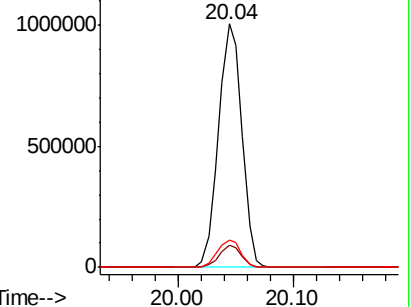
122 11.3 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.443 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

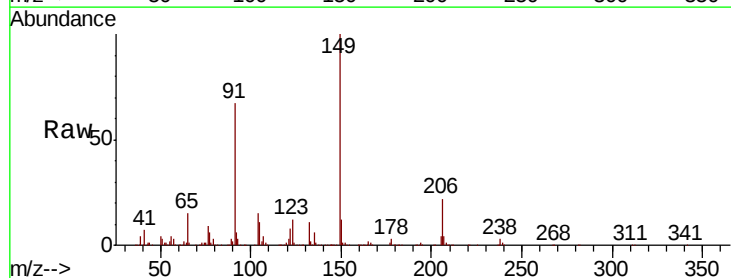
Tgt Ion:149 Resp: 446065

Ion Ratio Lower Upper

149 100

91 67.2 57.0 85.4

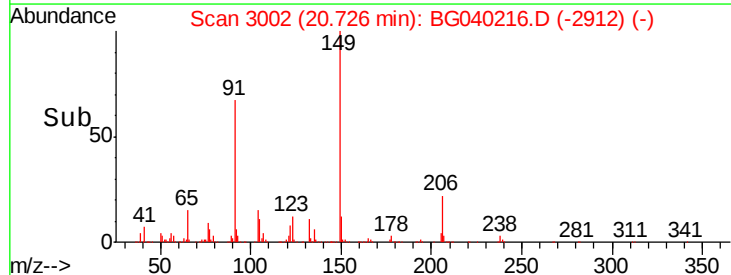
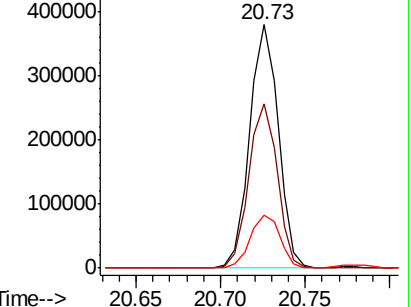
206 21.8 18.2 27.4

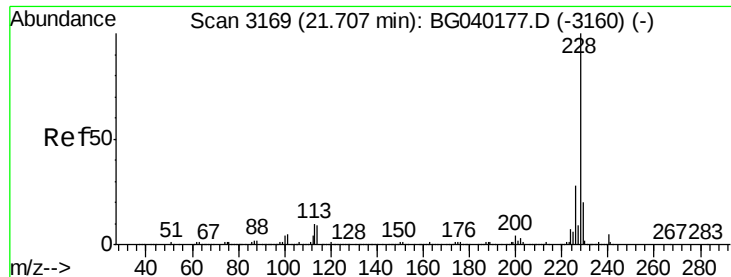


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.669 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

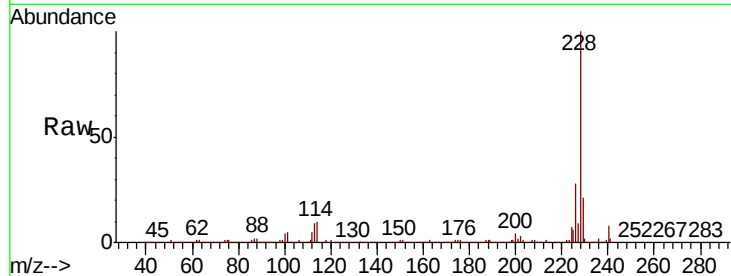
Tgt Ion:228 Resp: 958981

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

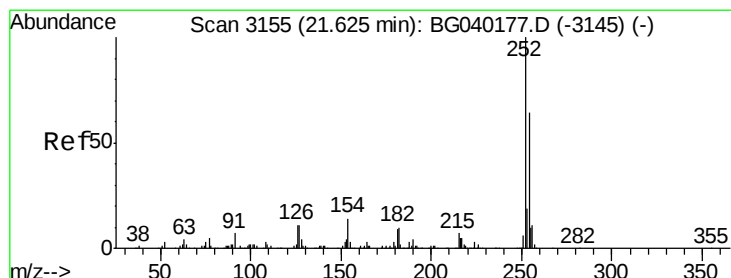
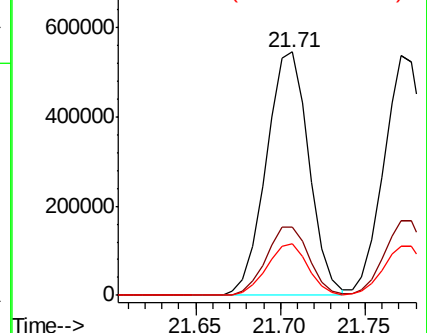
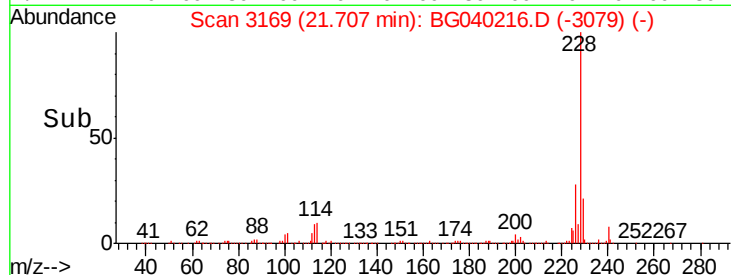
229 20.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 11.222 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

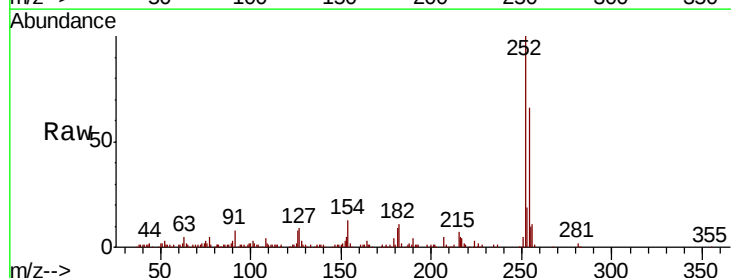
Tgt Ion:252 Resp: 95945

Ion Ratio Lower Upper

252 100

254 66.3 51.4 77.2

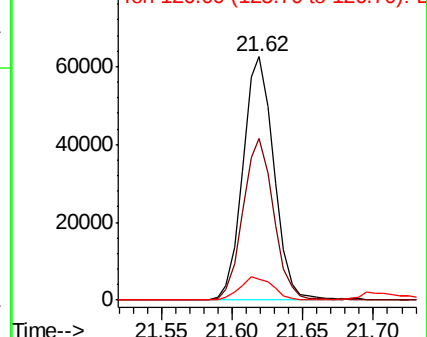
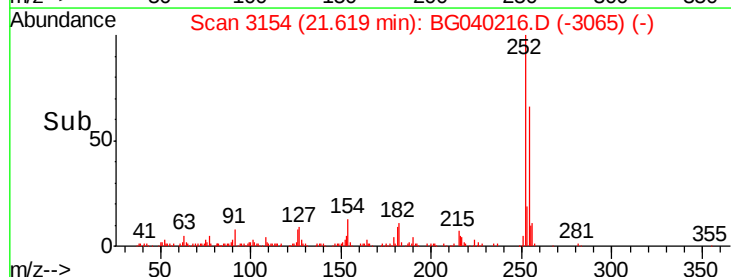
126 8.5 8.5 12.7#

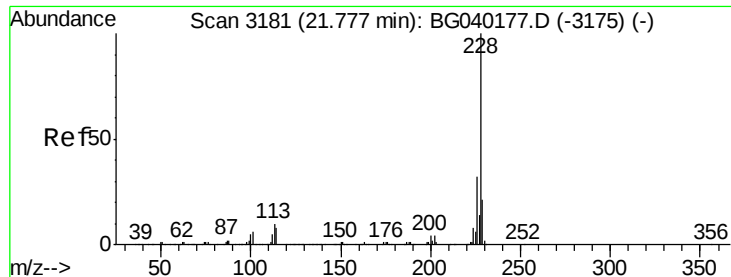


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.955 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

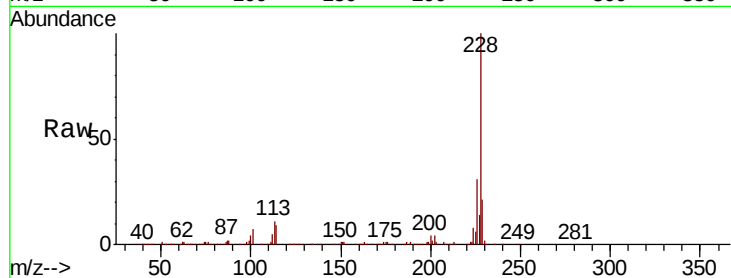
Tgt Ion: 228 Resp: 927810

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

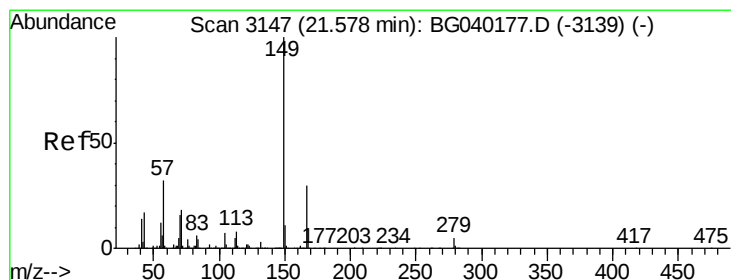
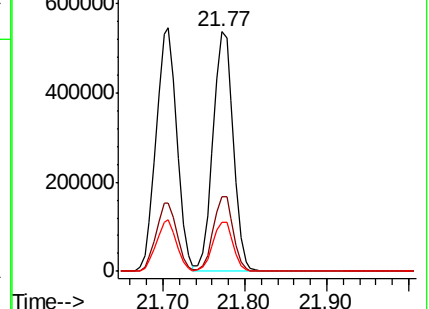
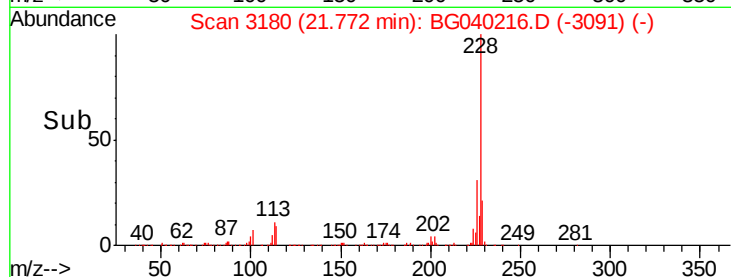
229 20.7 17.0 25.4



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: 43.214 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

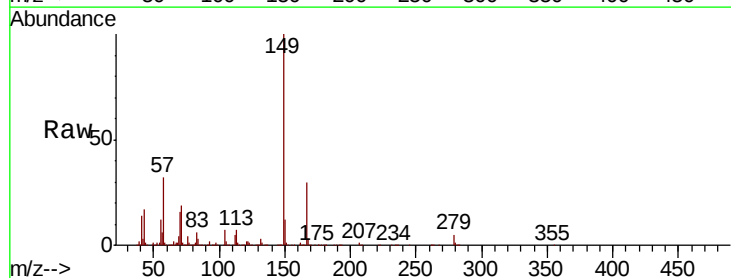
Tgt Ion: 149 Resp: 634275

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

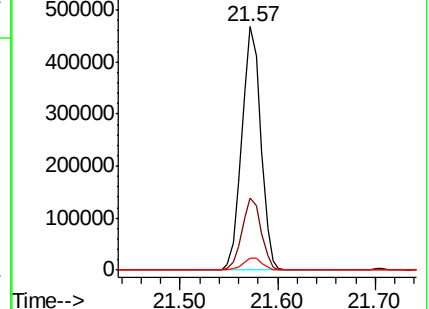
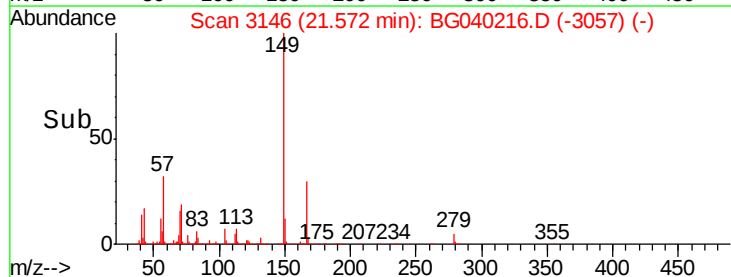
279 4.7 4.1 6.1

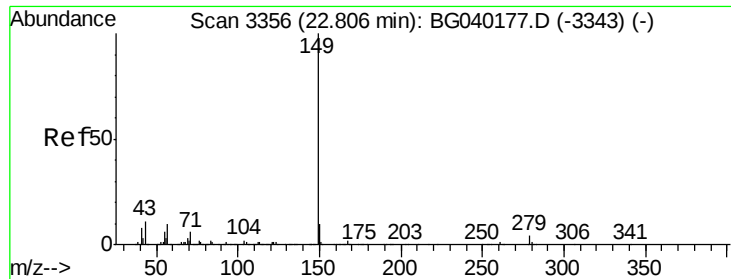


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.647 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

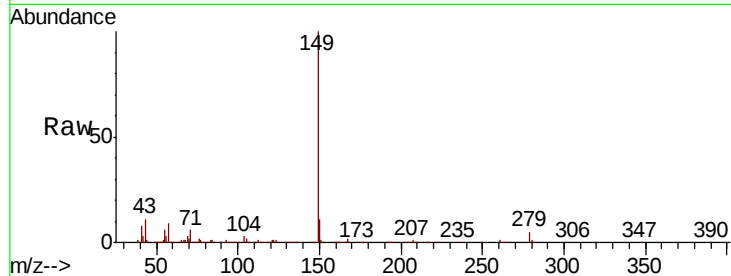
Tgt Ion:149 Resp: 1091464

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

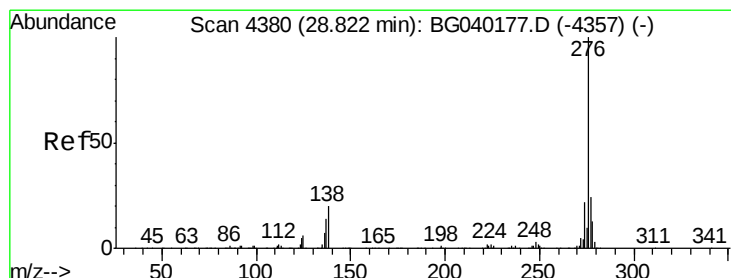
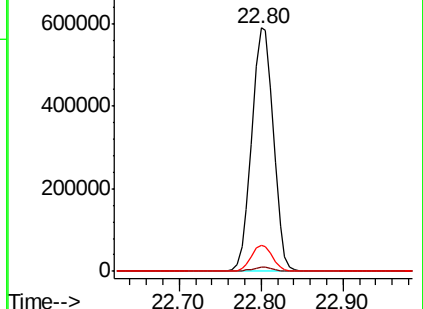
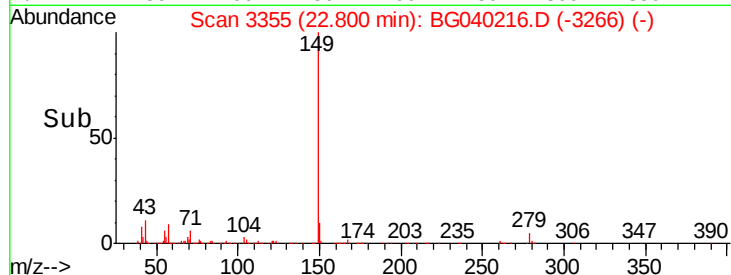
43 10.4 8.7 13.1



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: 44.052 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

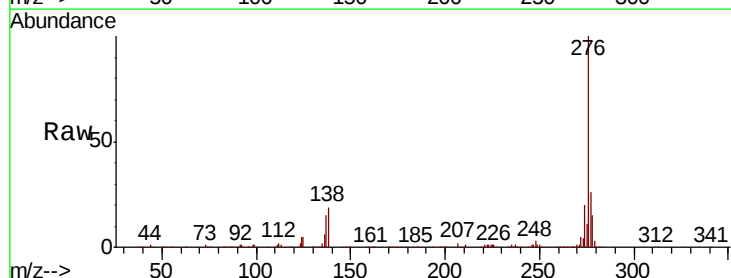
Tgt Ion:276 Resp: 1163739

Ion Ratio Lower Upper

276 100

138 16.4 18.8 28.2#

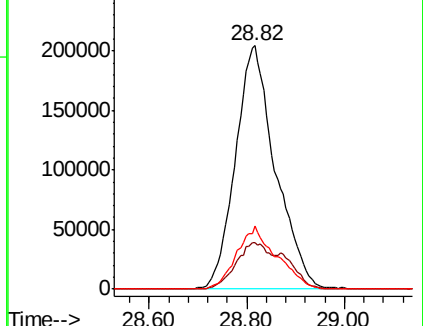
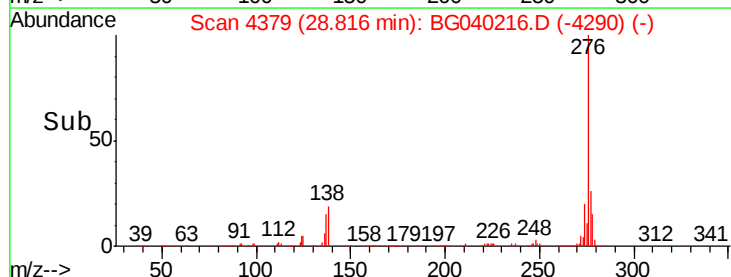
277 25.9 21.0 31.4

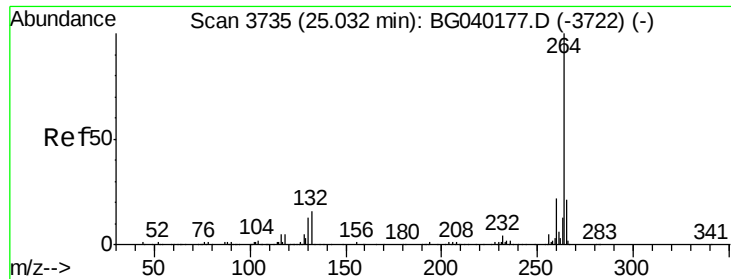


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

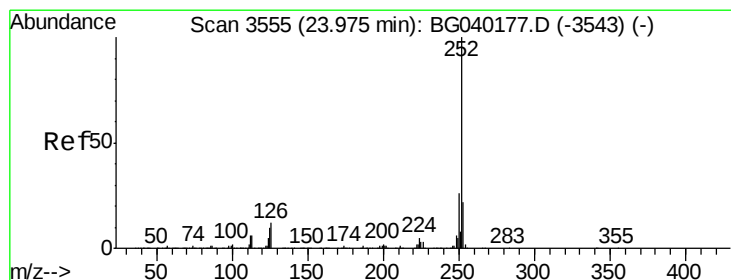
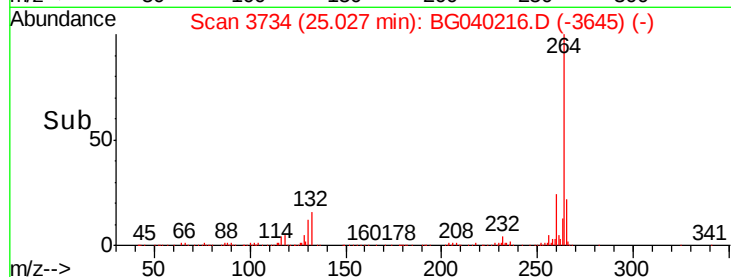
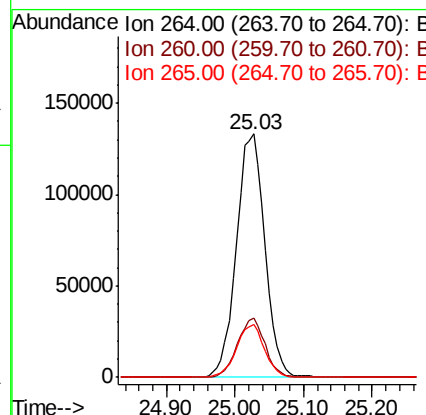
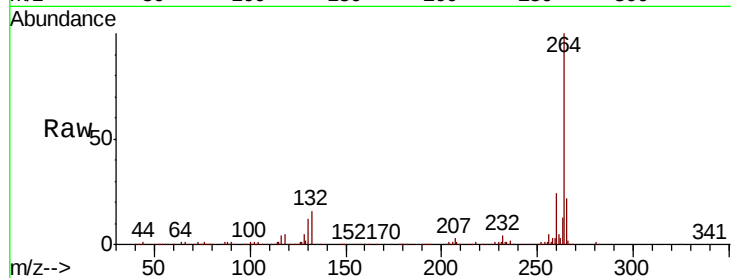




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

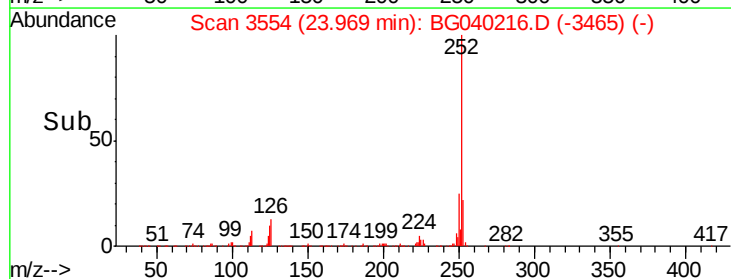
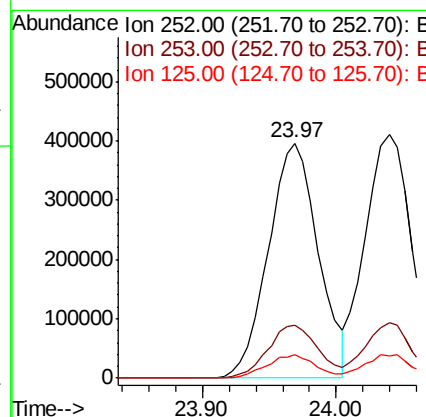
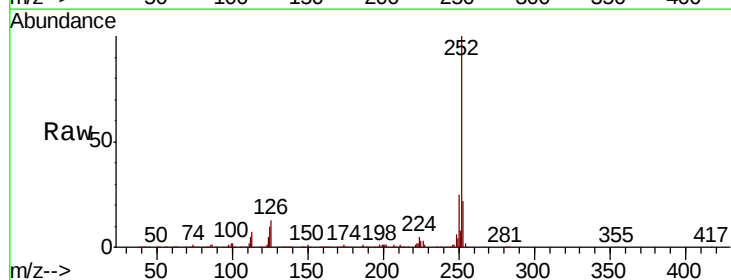
Instrument :
BNA_G
ClientSampleId :
TP-1MS

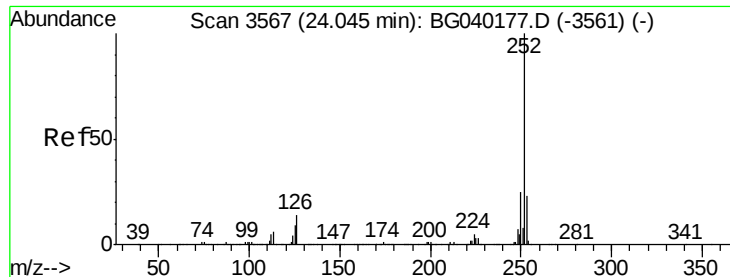
Tgt Ion:264 Resp: 382737
Ion Ratio Lower Upper
264 100
260 24.4 17.9 26.9
265 21.9 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 43.961 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:252 Resp: 1030118
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.1 8.2 12.4

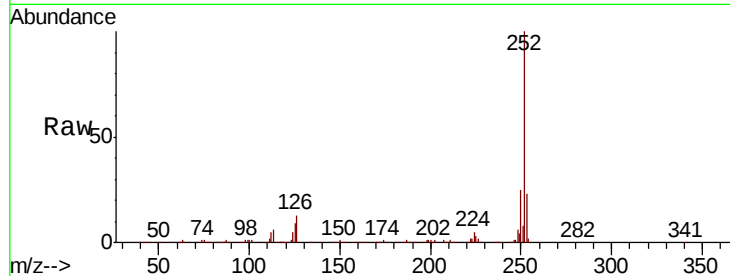




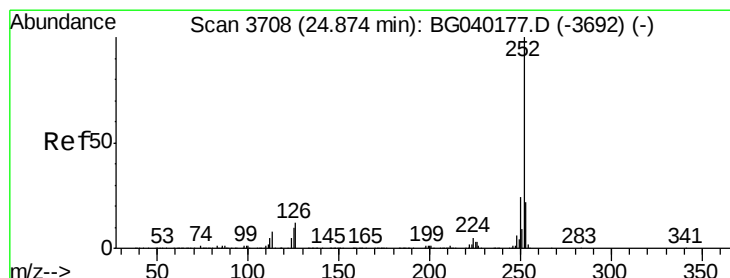
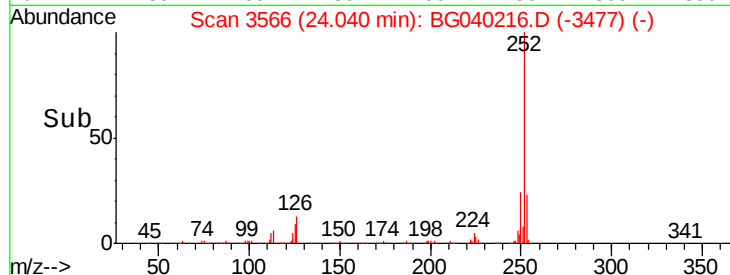
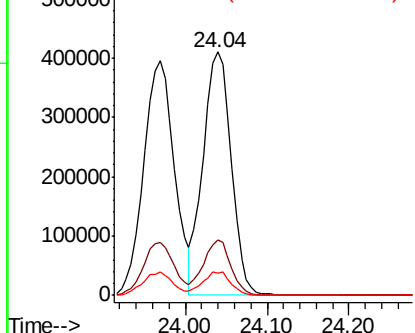
#89
Benzo(k)fluoranthene
Concen: 45.712 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tgt Ion:252 Resp: 985042
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 9.3 7.3 10.9

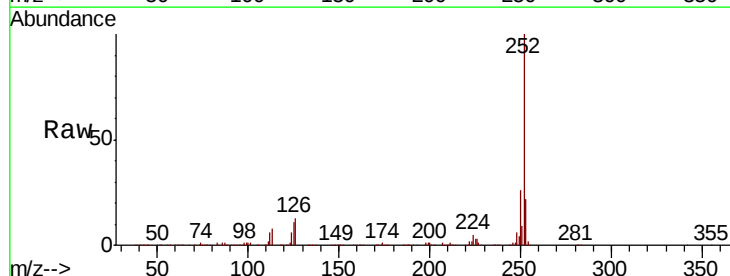


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

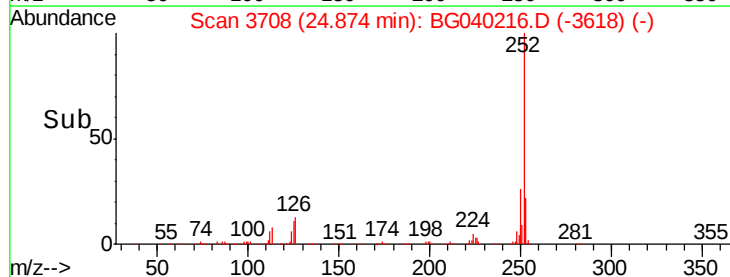
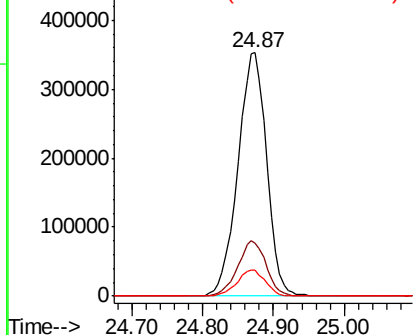


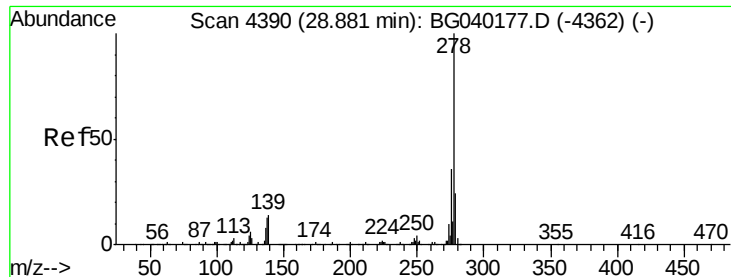
#90
Benzo(a)pyrene
Concen: 45.415 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:252 Resp: 998497
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.9 8.3 12.5



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





#91

Dibenzo(a,h)anthracene

Concen: 46.702 ng

RT: 28.88 min Scan# 4390

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

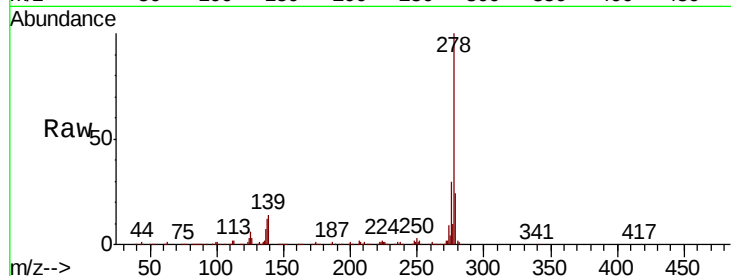
Tgt Ion:278 Resp: 953628

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

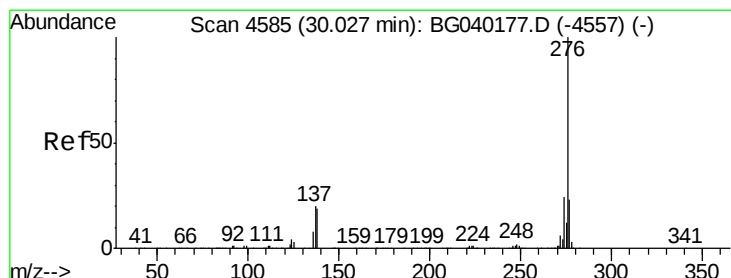
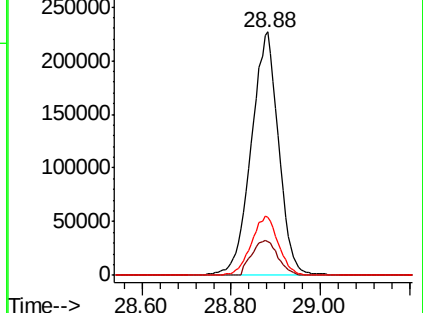
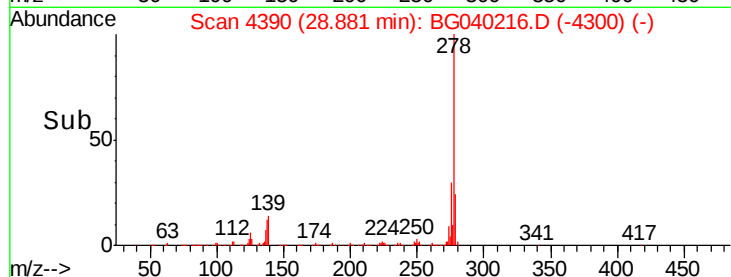
279 23.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.571 ng

RT: 30.01 min Scan# 4582

Delta R.T. -0.02 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

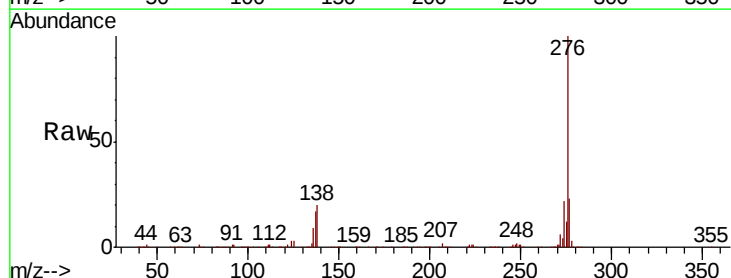
Tgt Ion:276 Resp: 956311

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 20.0 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

