

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040358.D
 Acq On : 4 Apr 2019 13:15
 Operator : JU/SJ
 Sample : K1695-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 17:03:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 13:35:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61246	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	260171	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	155911	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	381065	20.00	ng	0.00
76) Chrysene-d12	21.70	240	419058	20.00	ng	0.00
87) Perylene-d12	24.97	264	440165	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	395572	107.37	ng	0.00
7) Phenol-d6	7.21	99	563692	110.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	326221	66.65	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	198239	117.65	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	706667	67.16	ng	0.00
79) Terphenyl-d14	20.02	244	1157635	62.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	51210	29.561	ng	95
3) Pyridine	3.90	79	128968	27.650	ng	96
4) n-Nitrosodimethylamine	3.82	42	67033	31.069	ng	100
6) Aniline	7.38	93	78499	11.867	ng	98
8) 2-Chlorophenol	7.61	128	147404	34.179	ng	95
9) Benzaldehyde	7.19	77	98660	28.249	ng	95
10) Phenol	7.23	94	196697	35.592	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	144886	32.732	ng	100
12) 1,3-Dichlorobenzene	7.93	146	149107	31.805	ng	99
13) 1,4-Dichlorobenzene	8.08	146	152791	32.722	ng	99
14) 1,2-Dichlorobenzene	8.40	146	146706	32.855	ng	99
15) Benzyl Alcohol	8.29	79	136082	33.187	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	264421	31.126	ng	98
17) 2-Methylphenol	8.49	107	133905	35.015	ng	93
18) Hexachloroethane	9.12	117	54671	30.781	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	114287	31.307	ng	96
20) 3+4-Methylphenols	8.82	107	187406	36.174	ng	99
22) Acetophenone	8.87	105	223946	34.507	ng	99
24) Nitrobenzene	9.26	77	171143	33.765	ng	97
25) Isophorone	9.78	82	333004	33.065	ng	99
26) 2-Nitrophenol	9.97	139	82695	34.432	ng	98
27) 2,4-Dimethylphenol	10.02	122	149211	39.112	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	202340	33.959	ng	98
29) 2,4-Dichlorophenol	10.51	162	151978	36.702	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	157482	34.635	ng	97
31) Naphthalene	10.91	128	461173	34.582	ng	99
32) Benzoic acid	10.13	122	38038	16.503	ng	85
33) 4-Chloroaniline	11.03	127	59281	10.421	ng	# 93
34) Hexachlorobutadiene	11.17	225	92040	31.651	ng	95
35) Caprolactam	11.81	113	38753	23.583	ng	89
36) 4-Chloro-3-methylphenol	12.14	107	171003	35.922	ng	97
37) 2-Methylnaphthalene	12.51	142	341541	34.629	ng	99
38) 1-Methylnaphthalene	12.73	142	327285	34.221	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	174366	35.187	ng	98

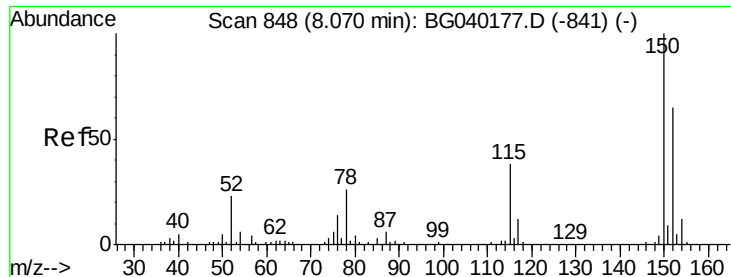
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040358.D
 Acq On : 4 Apr 2019 13:15
 Operator : JU/SJ
 Sample : K1695-08MS
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Instrument :
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Quant Time: Apr 04 17:03:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 13:35:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	195945	72.015	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	124989	39.121	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	135883	39.020	ng	97
46) 1,1'-Biphenyl	13.51	154	436829	35.460	ng	96
47) 2-Chloronaphthalene	13.56	162	334055	35.352	ng	99
48) 2-Nitroaniline	13.78	65	112906	35.423	ng	100
49) Acenaphthylene	14.40	152	556199	34.716	ng	99
50) Dimethylphthalate	14.13	163	486599	39.878	ng	99
51) 2,6-Dinitrotoluene	14.26	165	98227	35.851	ng	98
52) Acenaphthene	14.74	154	323804	35.271	ng	99
53) 3-Nitroaniline	14.60	138	38522	13.283	ng	95
54) 2,4-Dinitrophenol	14.80	184	109500	75.149	ng	98
55) Dibenzofuran	15.08	168	531178	36.008	ng	99
56) 4-Nitrophenol	14.90	139	175664	75.047	ng	97
57) 2,4-Dinitrotoluene	15.04	165	140309	36.855	ng	98
58) Fluorene	15.73	166	413560	35.658	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	118540	37.512	ng	95
60) Diethylphthalate	15.48	149	453724	36.337	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	224085	36.146	ng	100
62) 4-Nitroaniline	15.76	138	110729	35.577	ng	99
63) Azobenzene	16.00	77	415518	35.279	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	78686	36.754	ng	94
66) n-Nitrosodiphenylamine	15.93	169	397477	35.645	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	145693	33.975	ng	98
68) Hexachlorobenzene	16.72	284	149307	34.628	ng	97
69) Atrazine	16.87	200	147689	35.604	ng	99
70) Pentachlorophenol	17.07	266	181320	72.738	ng	98
71) Phenanthrene	17.46	178	715982	35.746	ng	97
72) Anthracene	17.56	178	728094	36.318	ng	99
73) Carbazole	17.83	167	716499	37.764	ng	98
74) Di-n-butylphthalate	18.36	149	822856	36.588	ng	98
75) Fluoranthene	19.47	202	903887	38.111	ng	98
77) Benzidine	19.66	184	283204	18.715	ng	100
78) Pyrene	19.84	202	914161	33.173	ng	97
80) Butylbenzylphthalate	20.70	149	411109	34.862	ng	99
81) Benzo(a)anthracene	21.68	228	859719	33.307	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	142933	14.557	ng	97
83) Chrysene	21.74	228	861112	34.713	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	585551	34.737	ng	99
85) Di-n-octyl phthalate	22.76	149	1021824	35.579	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1081569	35.648	ng	100
88) Benzo(b)fluoranthene	23.93	252	934268	34.668	ng	99
89) Benzo(k)fluoranthene	23.99	252	916401	36.978	ng	98
90) Benzo(a)pyrene	24.82	252	922263	36.475	ng	100
91) Dibenzo(a,h)anthracene	28.80	278	882082	37.562	ng	99
92) Benzo(g,h,i)perylene	29.93	276	909262	37.676	ng	98

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

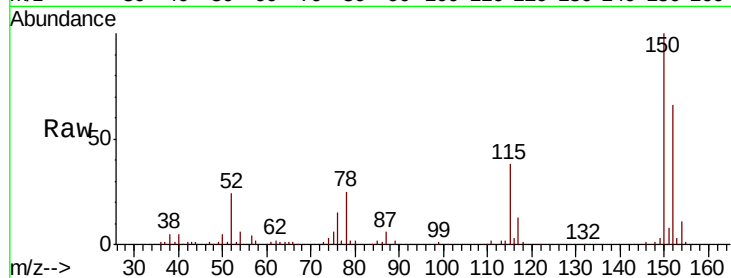


#1

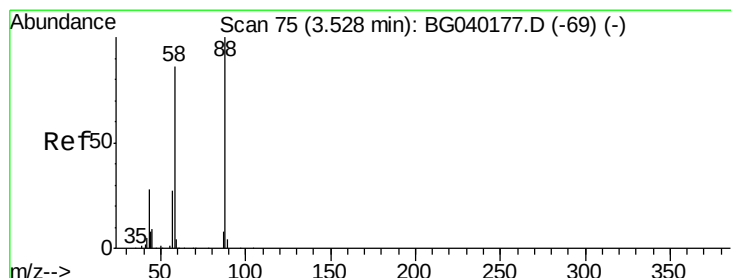
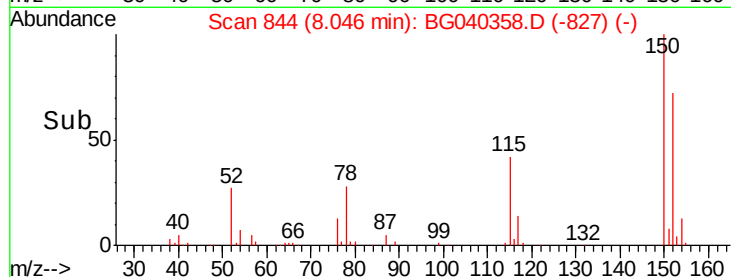
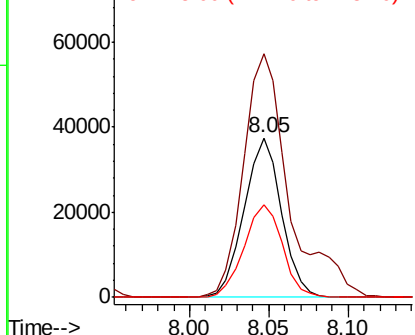
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61246
Ion Ratio Lower Upper
152 100
150 152.5 128.2 192.2
115 57.8 47.0 70.4



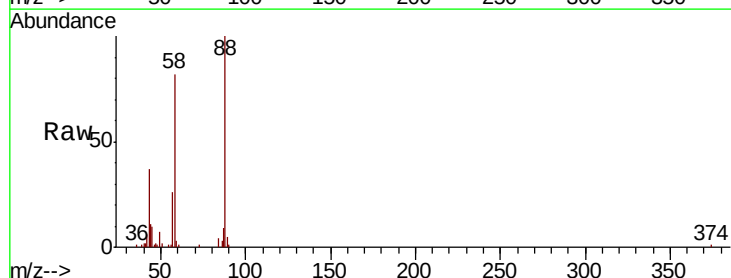
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



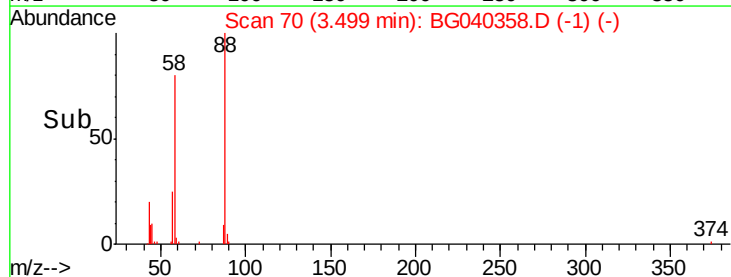
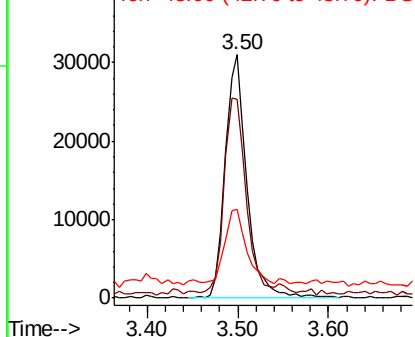
#2

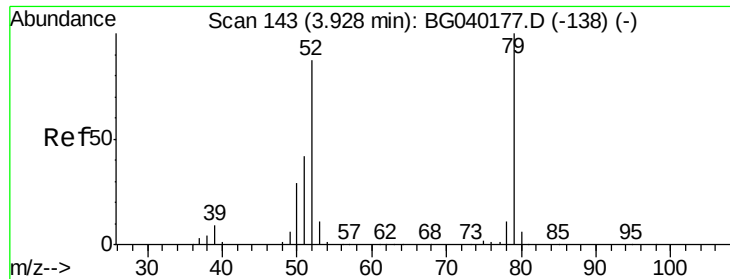
1,4-Dioxane
Concen: 29.561 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion: 88 Resp: 51210
Ion Ratio Lower Upper
88 100
58 80.2 68.9 103.3
43 29.4 24.6 36.8



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





#3

Pvridine

Concen: 27.650 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

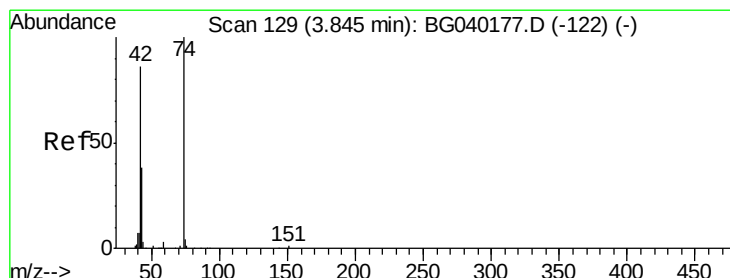
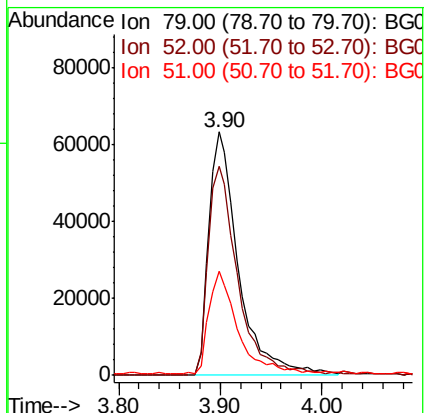
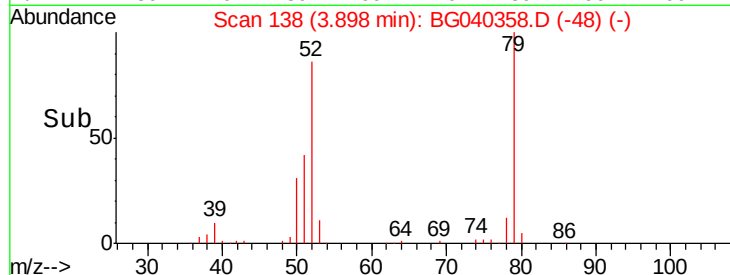
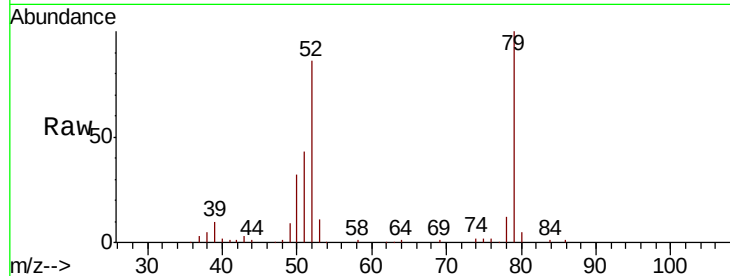
Tot Ion: 79 Resp: 128968

Ion Ratio Lower Upper

79 100

52 86.0 71.7 107.5

51 43.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 31.069 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

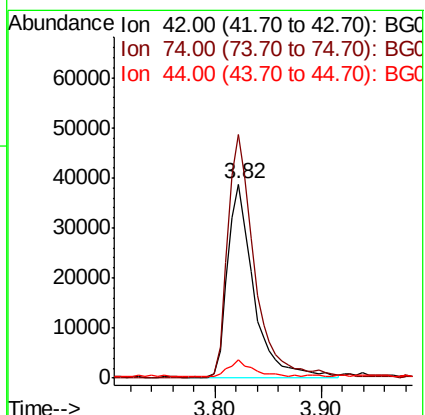
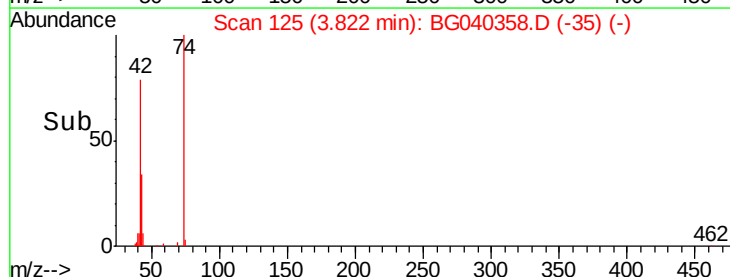
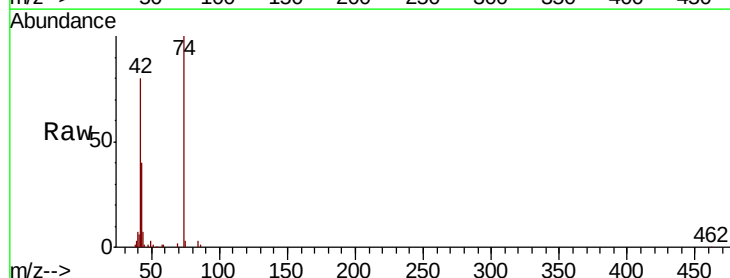
Tgt Ion: 42 Resp: 67033

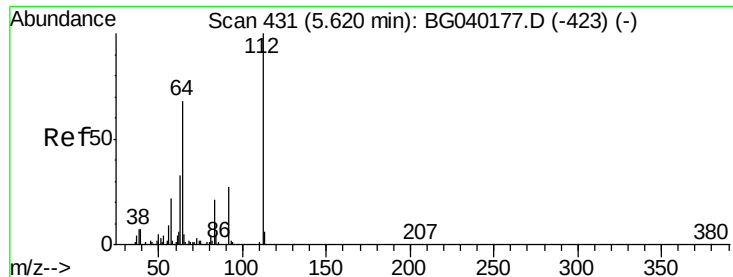
Ion Ratio Lower Upper

42 100

74 125.4 100.6 150.8

44 9.3 6.6 10.0





#5

2-Fluorophenol

Concen: 107.371 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

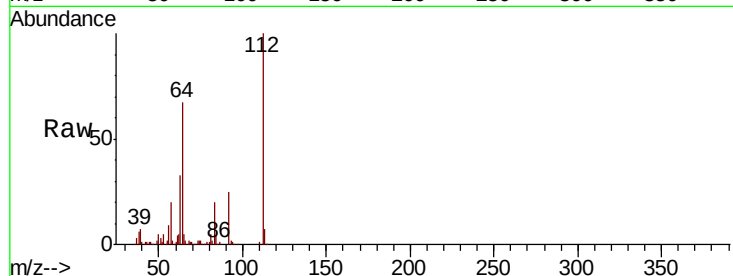
Tot Ion:112 Resp: 395572

Ion Ratio Lower Upper

112 100

64 67.2 53.4 80.0

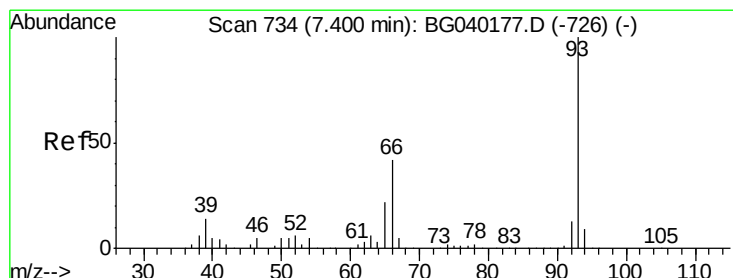
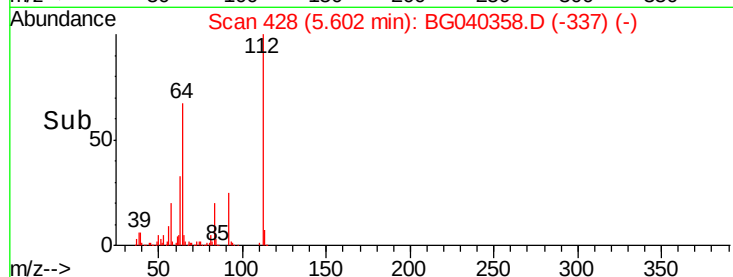
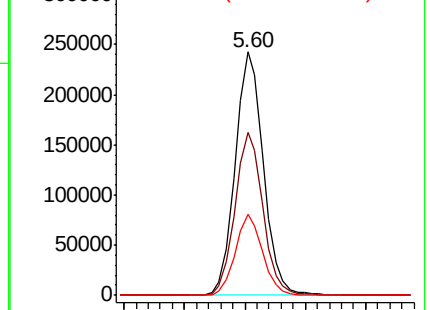
63 33.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.867 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

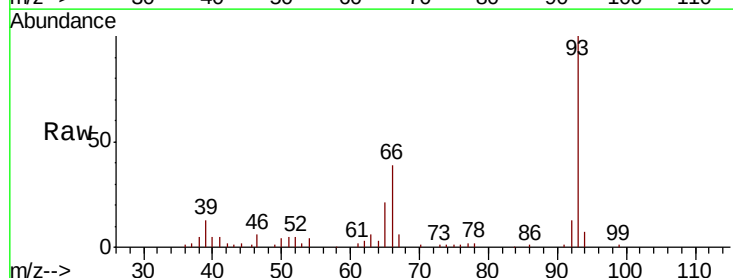
Tgt Ion: 93 Resp: 78499

Ion Ratio Lower Upper

93 100

66 38.5 31.8 47.8

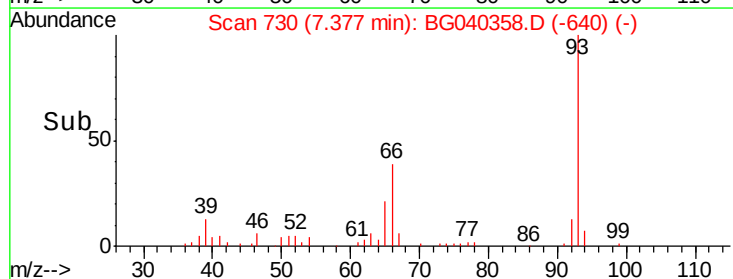
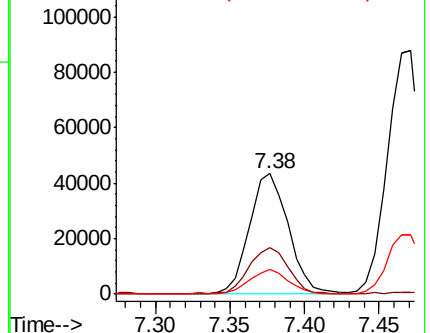
65 20.6 16.9 25.3

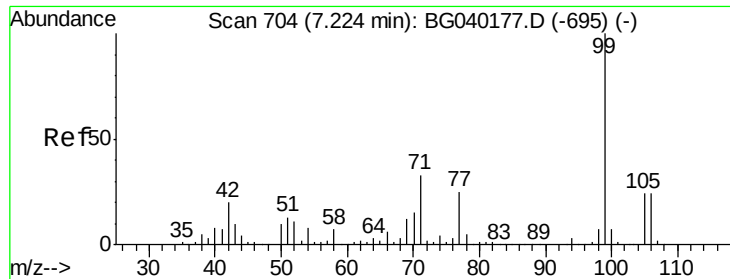


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.711 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampled :

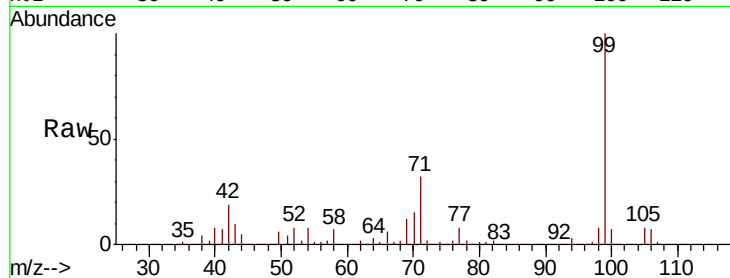
Tot Ion: 99 Resp: 563692

Ion Ratio Lower Upper

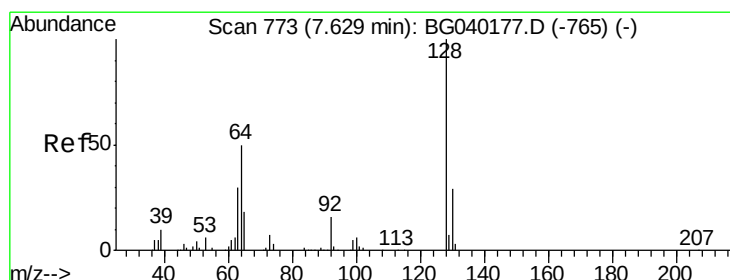
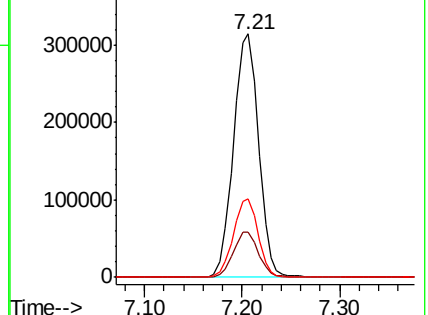
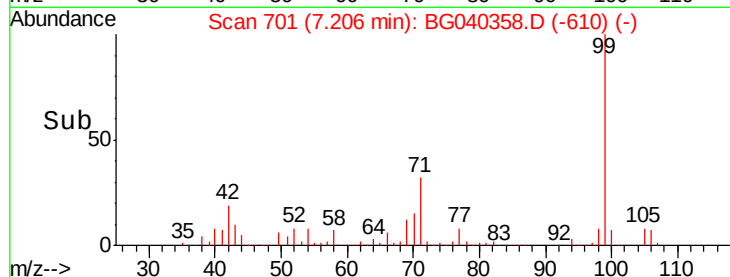
99 100

42 18.7 15.3 22.9

71 32.4 26.5 39.7



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: 34.179 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

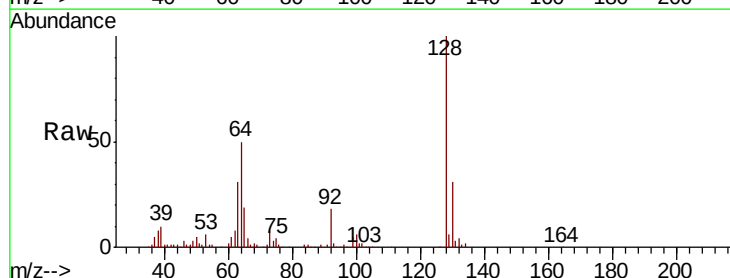
Tgt Ion:128 Resp: 147404

Ion Ratio Lower Upper

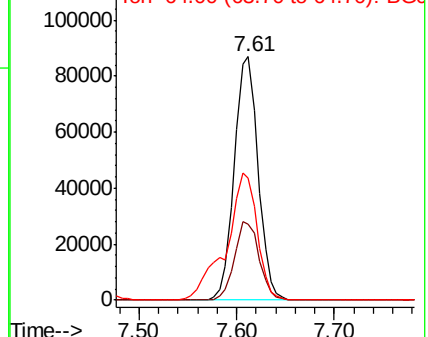
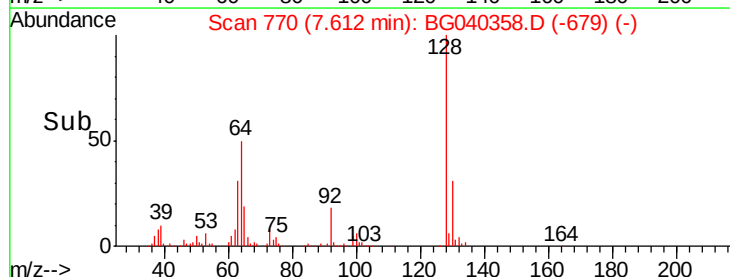
128 100

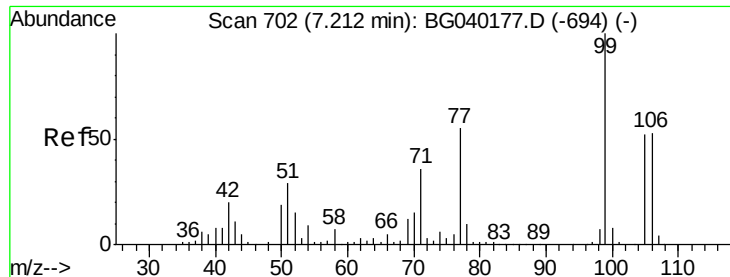
130 31.2 12.7 52.7

64 49.9 34.2 74.2



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





#9

Benzaldehyde

Concen: 28.249 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampled :

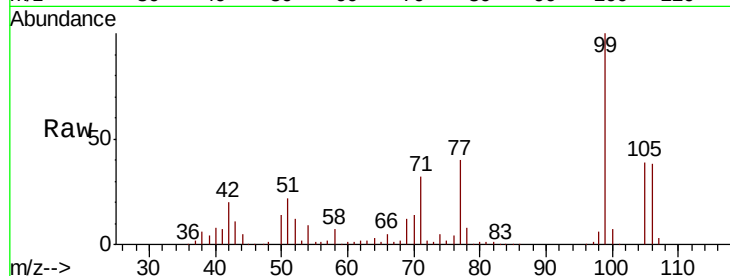
Tot Ion: 77 Resp: 98660

Ion Ratio Lower Upper

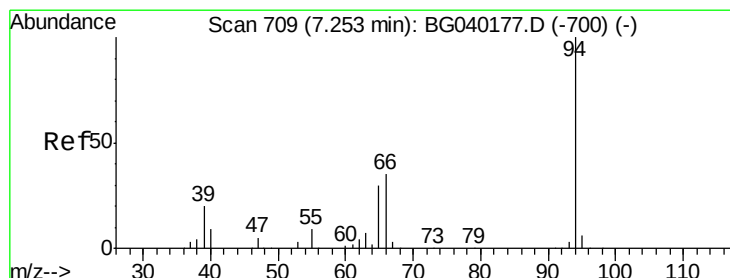
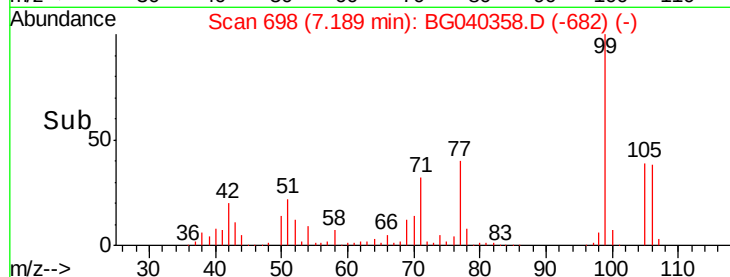
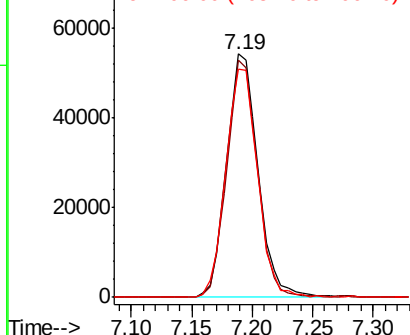
77 100

105 97.5 80.3 120.3

106 93.6 80.0 120.0



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: 35.592 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

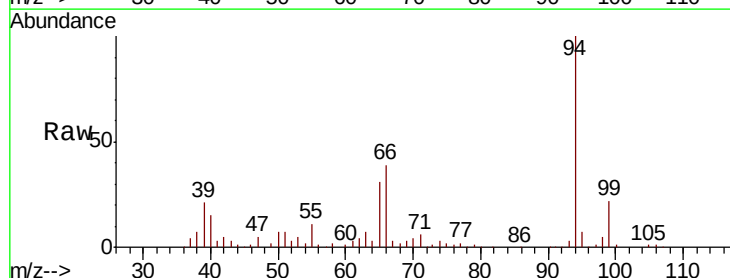
Tgt Ion: 94 Resp: 196697

Ion Ratio Lower Upper

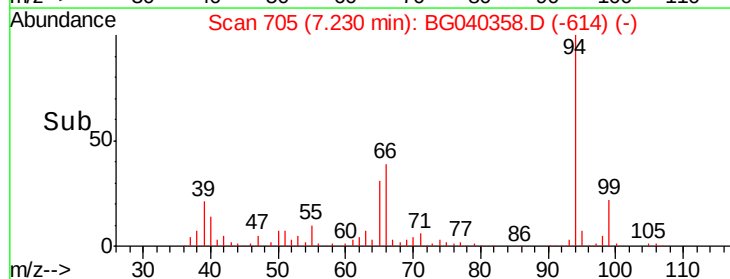
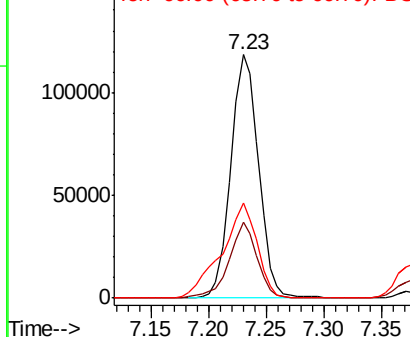
94 100

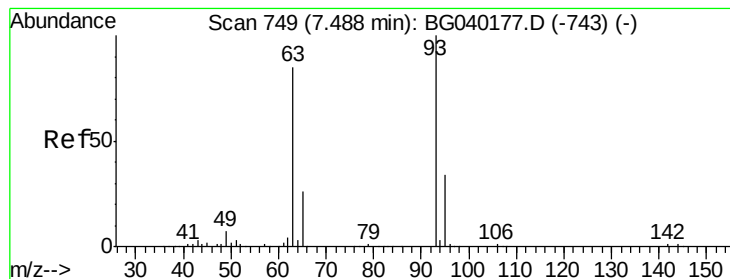
65 31.0 10.2 50.2

66 39.2 19.5 59.5



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: 32.732 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

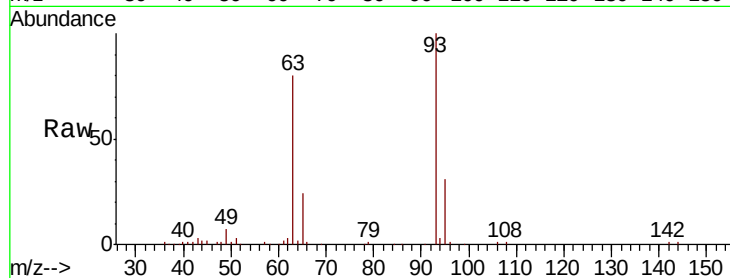
Tot Ion: 93 Resp: 144886

Ion Ratio Lower Upper

93 100

63 80.4 60.6 100.6

95 31.4 11.9 51.9

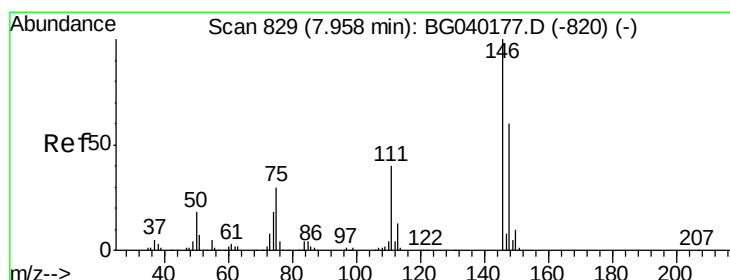
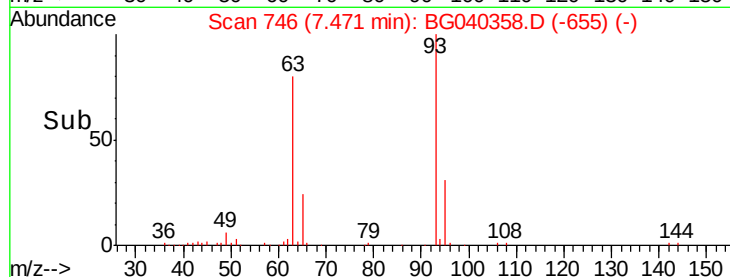
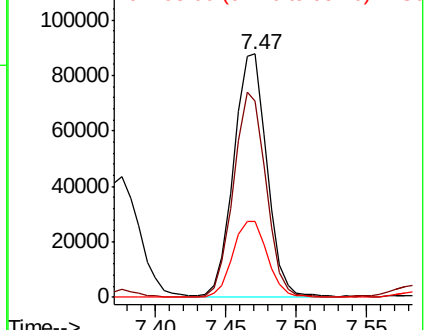


Abundance

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: 31.805 ng

RT: 7.93 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

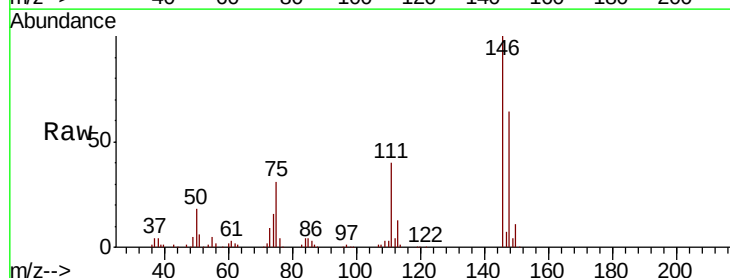
Tgt Ion: 146 Resp: 149107

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

75 31.2 24.1 36.1

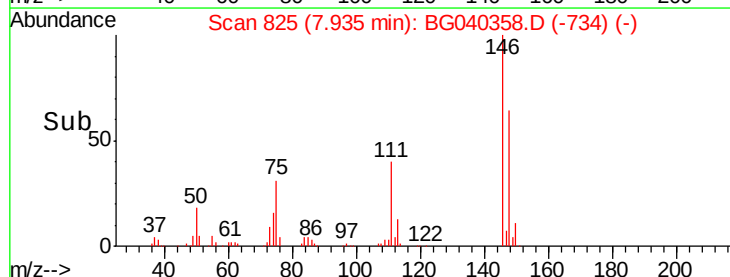
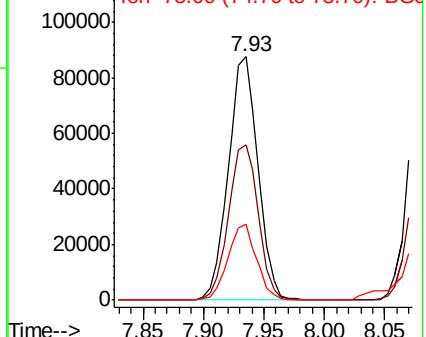


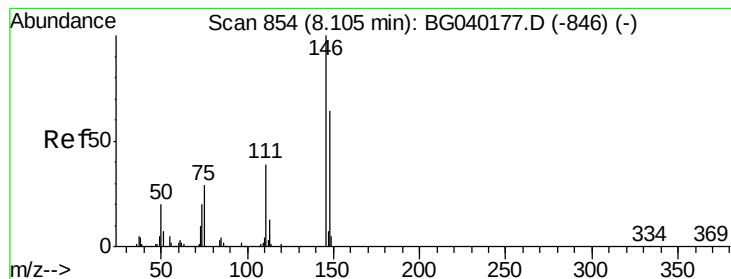
Abundance

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: 32.722 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

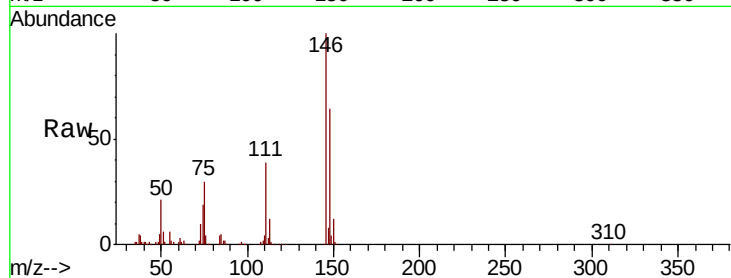
Tot Ion:146 Resp: 152791

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 39.4 32.2 48.2

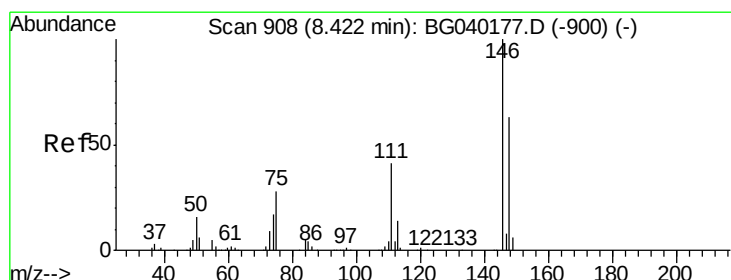
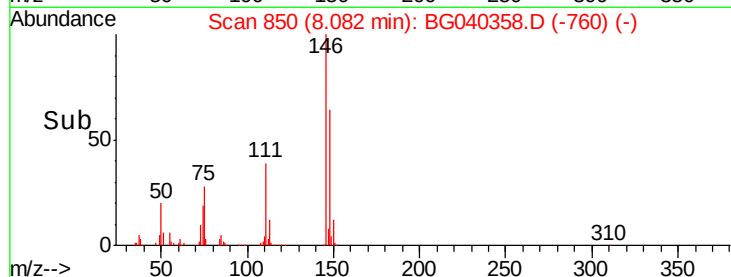
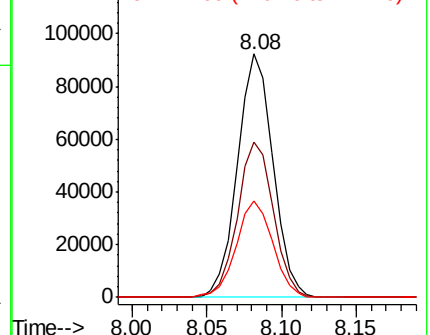


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.855 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

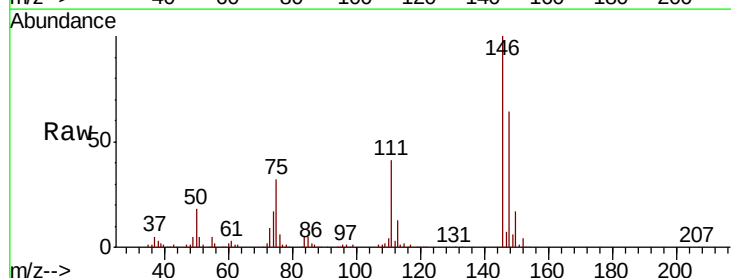
Tgt Ion:146 Resp: 146706

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

111 40.9 32.8 49.2

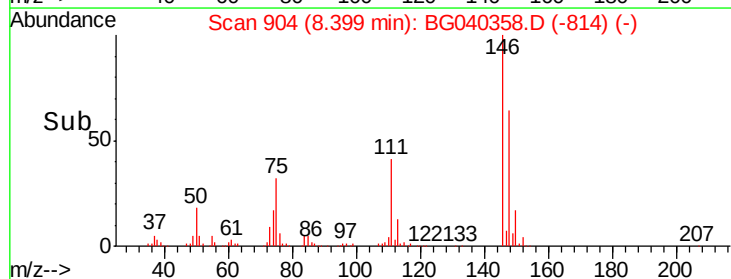
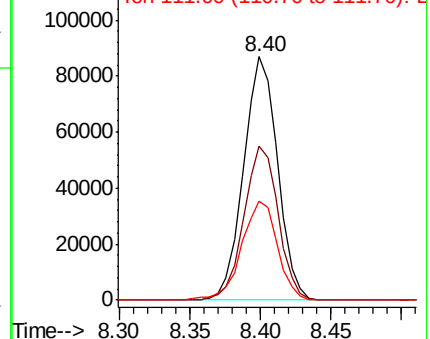


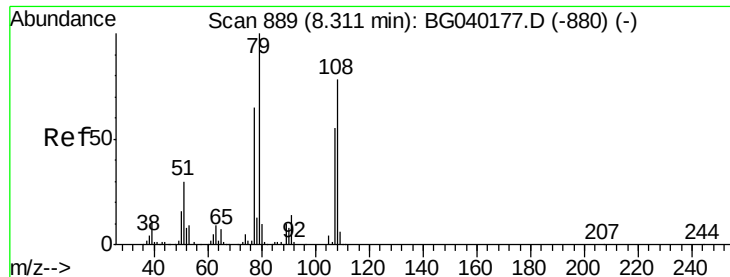
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.187 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampled :

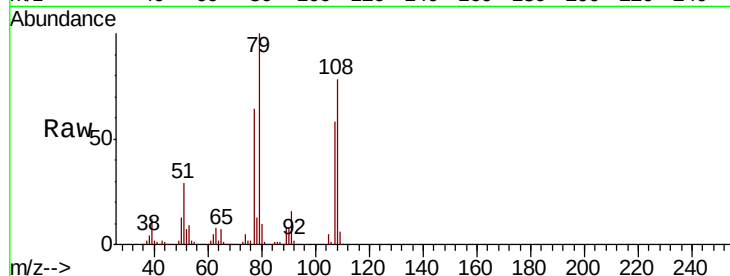
Tot Ion: 79 Resp: 136082

Ion Ratio Lower Upper

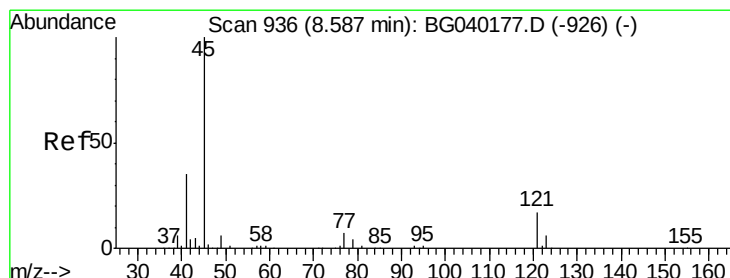
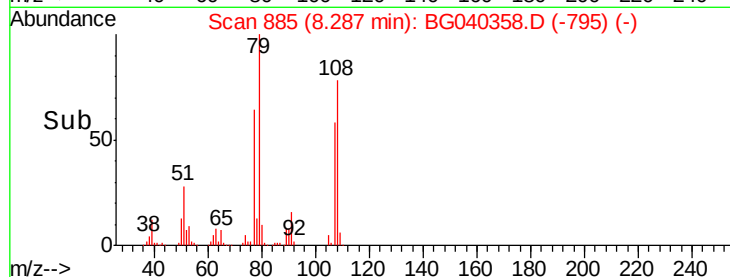
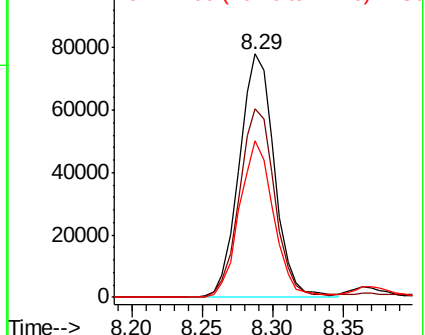
79 100

108 77.6 63.3 94.9

77 64.5 47.3 70.9



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: 31.126 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

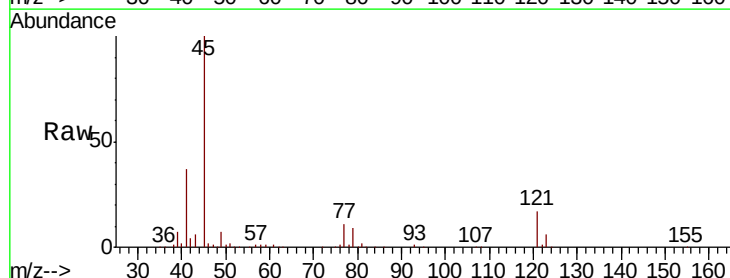
Tgt Ion: 45 Resp: 264421

Ion Ratio Lower Upper

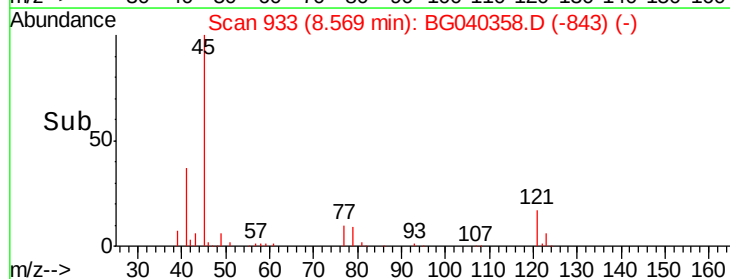
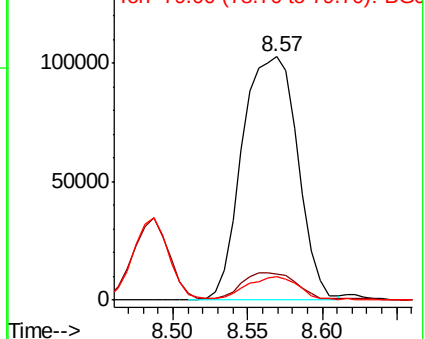
45 100

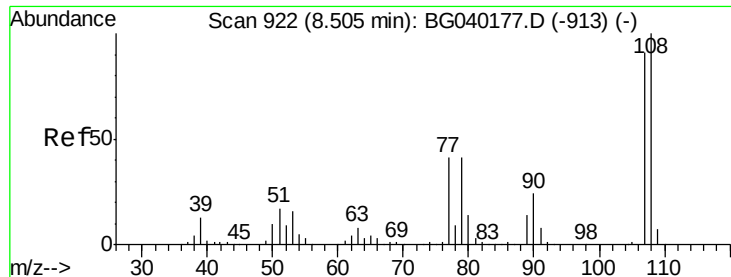
77 10.9 0.0 30.6

79 9.4 0.0 28.2



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

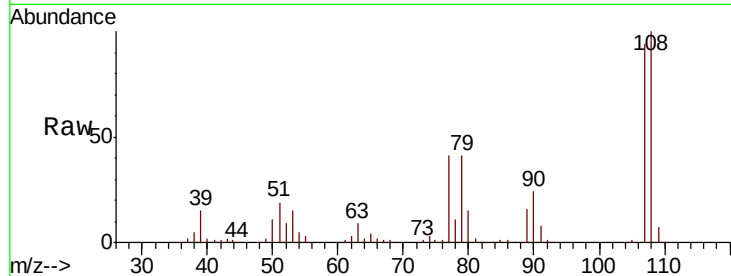




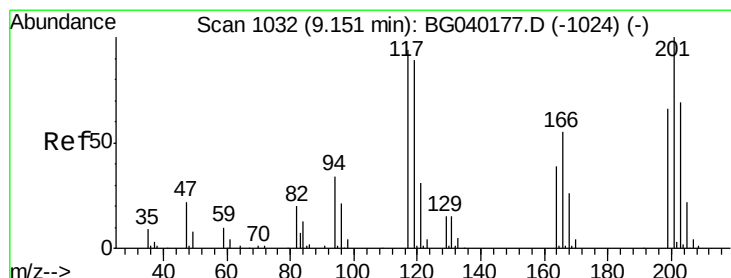
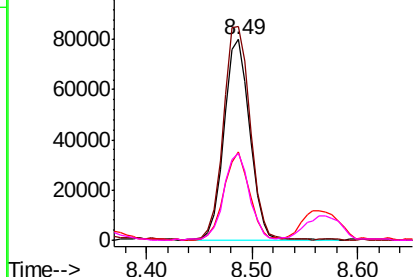
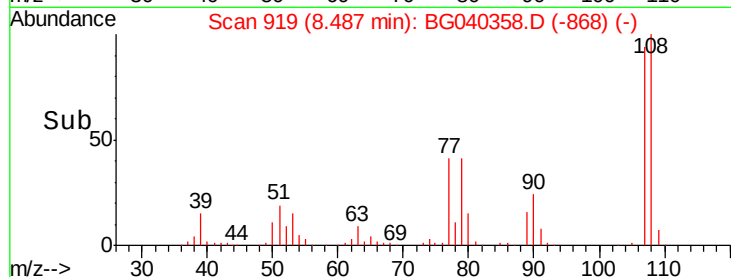
#17
2-Methylphenol
Concen: 35.015 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	133905
Ion	Ratio	Lower	Upper
107	100		
108	106.6	93.3	139.9
77	43.8	38.0	57.0
79	43.5	35.4	53.0

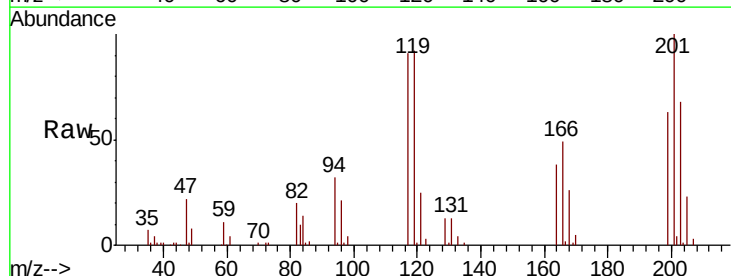


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

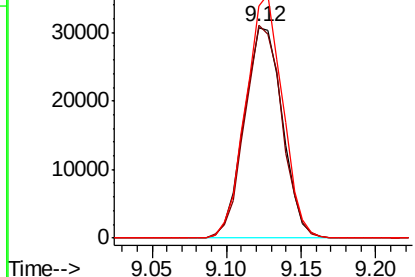
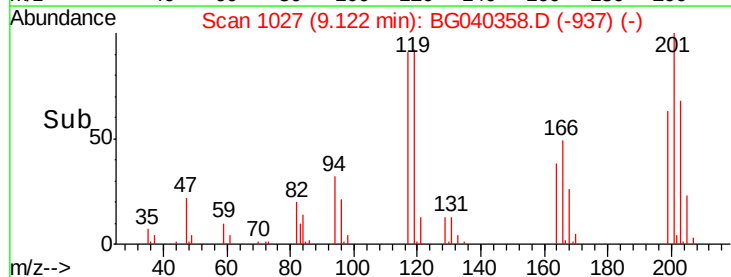


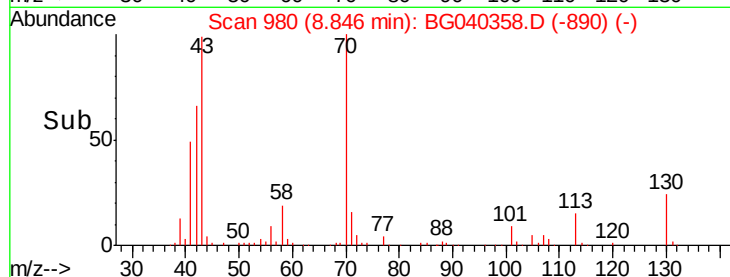
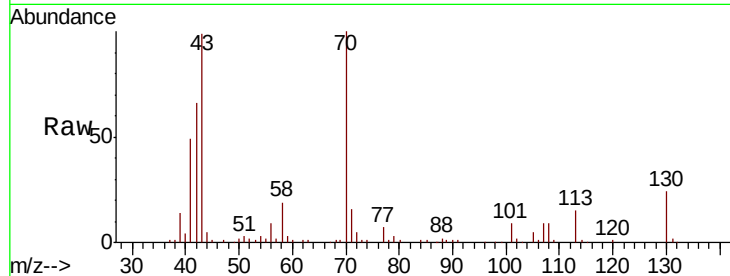
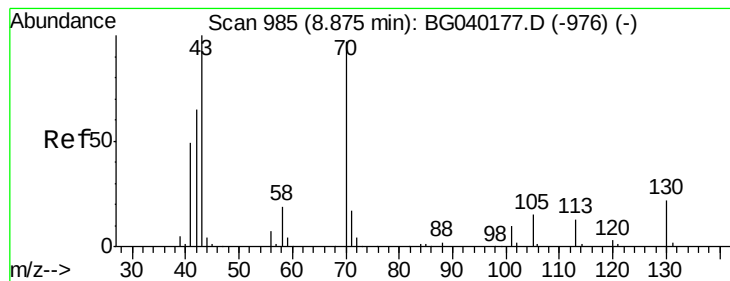
#18
Hexachloroethane
Concen: 30.781 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:	117	Resp:	54671
Ion	Ratio	Lower	Upper
117	100		
119	101.0	72.9	109.3
201	110.0	83.8	125.8



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: 31.307 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 114287

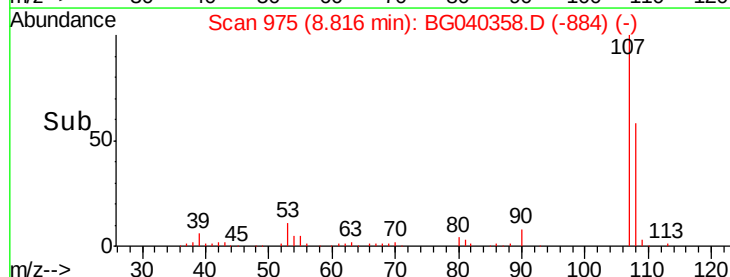
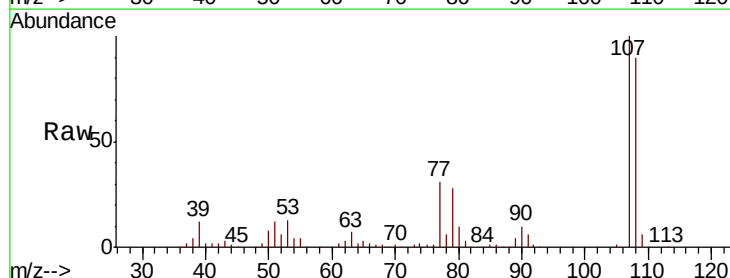
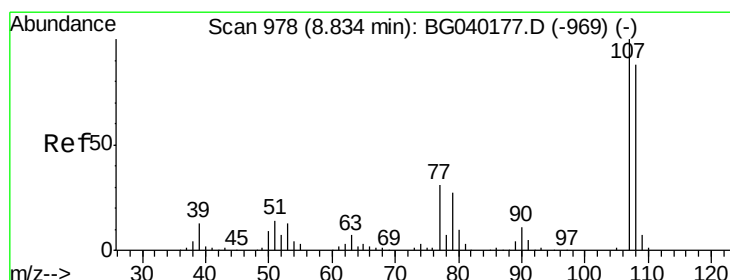
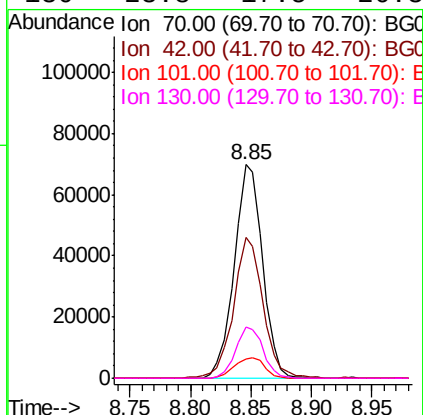
Ion Ratio Lower Upper

70 100

42 66.0 50.5 75.7

101 8.8 8.6 12.8

130 23.8 17.5 26.3



#20

3+4-Methylphenols

Concen: 36.174 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Tgt Ion: 107 Resp: 187406

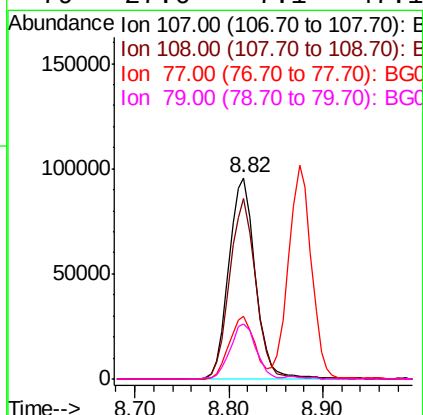
Ion Ratio Lower Upper

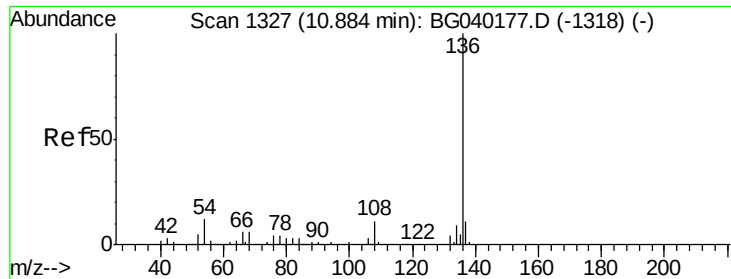
107 100

108 90.0 71.3 111.3

77 31.0 11.7 51.7

79 27.6 7.1 47.1

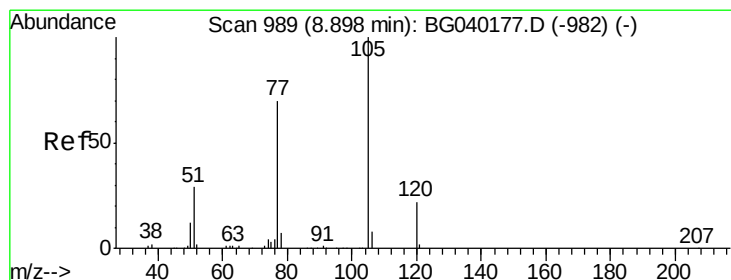
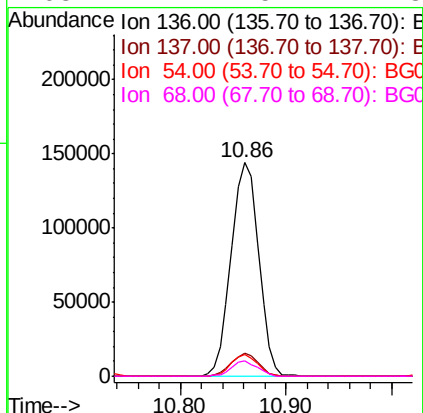
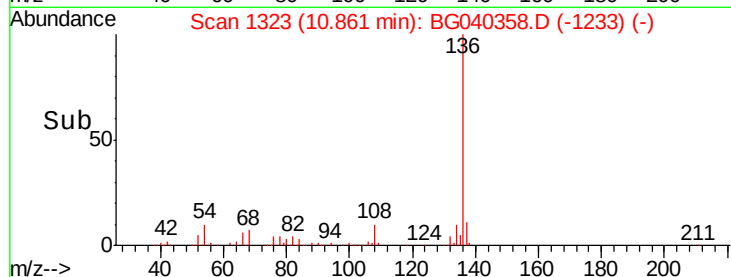
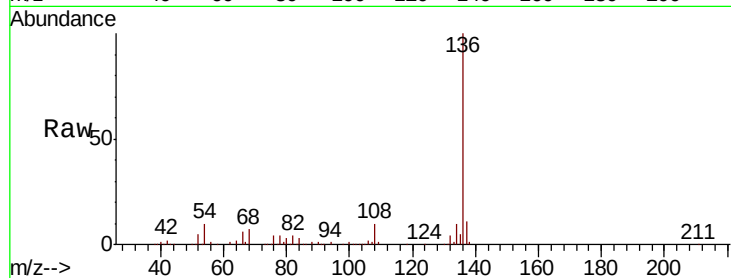




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

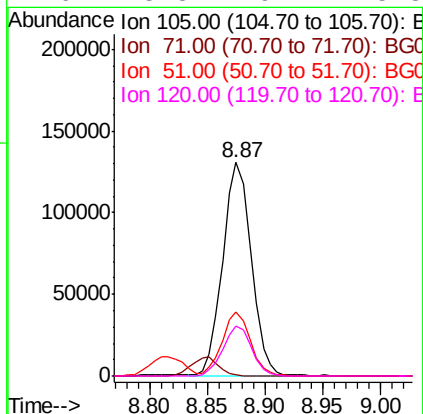
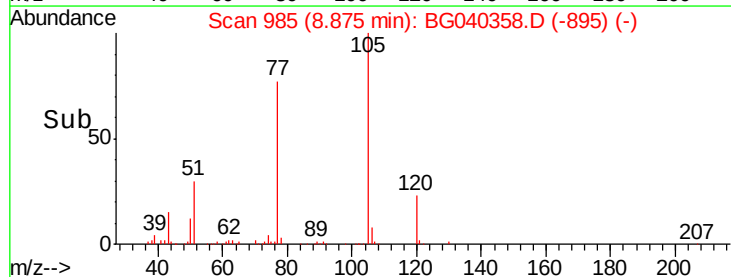
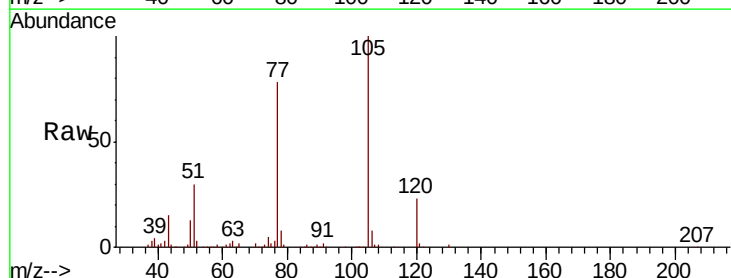
Instrument :
BNA_G
ClientSampleId :

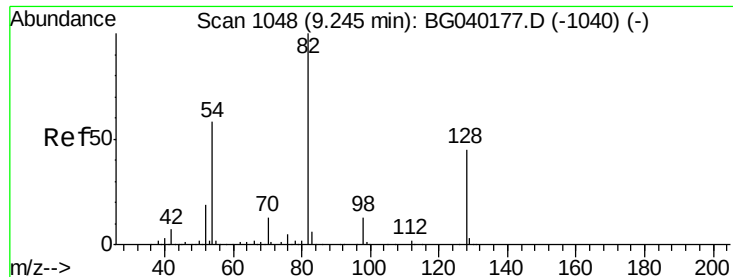
Tot Ion:136	Resp: 260171
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 12.8
54 10.5	9.1 13.7
68 7.2	5.2 7.8



#22
Acetophenone
Concen: 34.507 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt	Ion:105	Resp:	223946
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.3	0.5
51	30.1	24.2	36.2
120	23.3	19.2	28.8

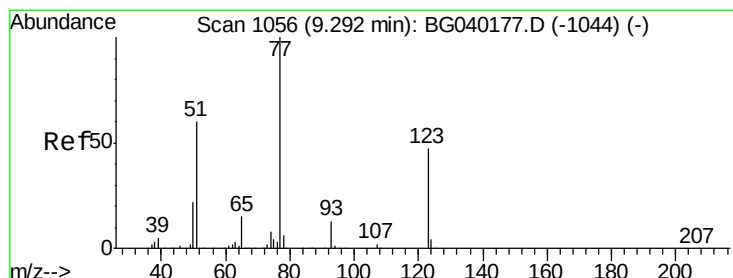
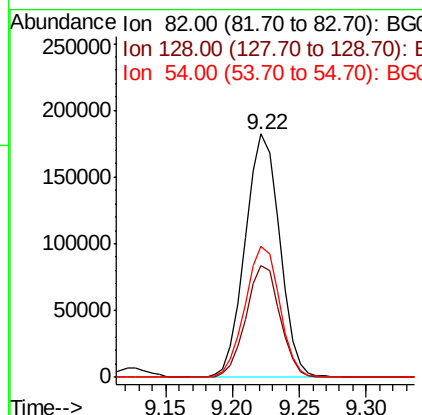
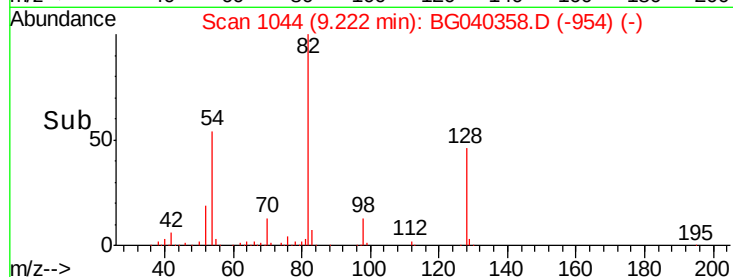
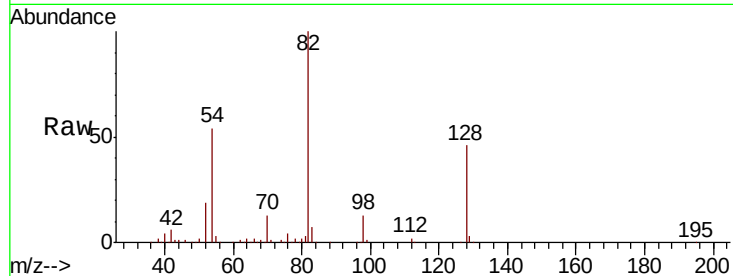




#23
 Nitrobenzene-d5
 Concen: 66.648 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

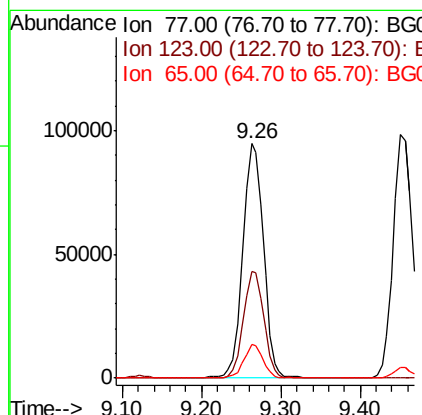
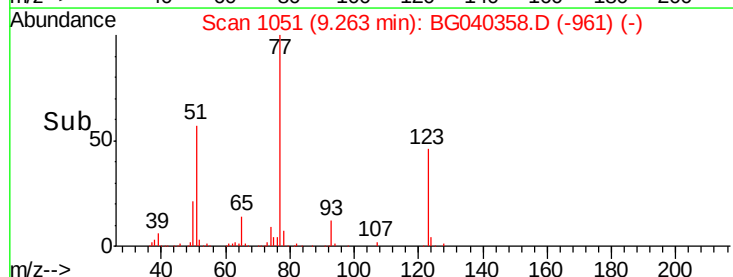
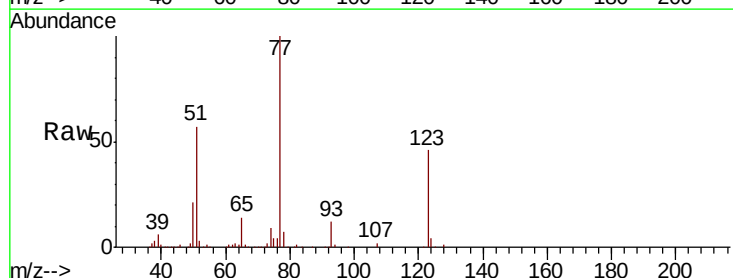
Instrument :
 BNA_G
 ClientSampled :

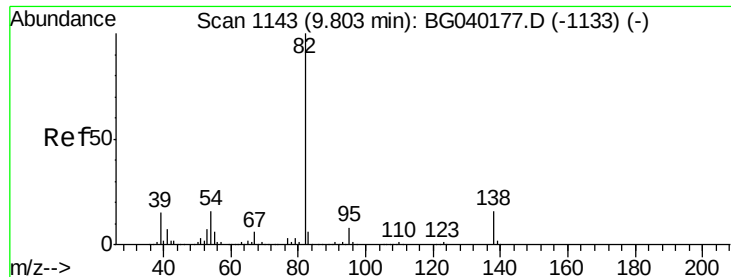
Tot Ion: 82 Resp: 326221
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.1 52.7
 54 53.8 43.2 64.8



#24
 Nitrobenzene
 Concen: 33.765 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion: 77 Resp: 171143
 Ion Ratio Lower Upper
 77 100
 123 45.5 38.6 57.8
 65 14.4 11.1 16.7





#25

Isophorone

Concen: 33.065 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampled :

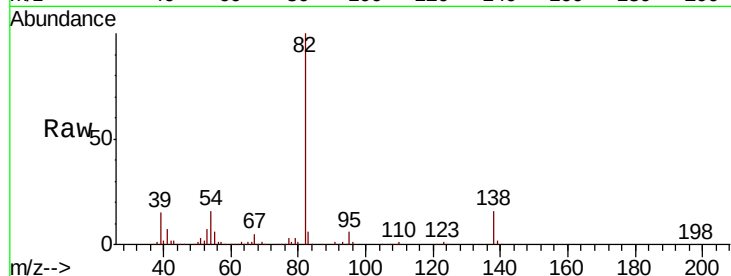
Tot Ion: 82 Resp: 333004

Ion Ratio Lower Upper

82 100

95 6.1 5.1 7.7

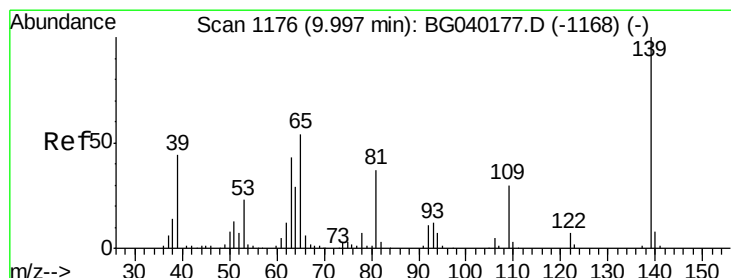
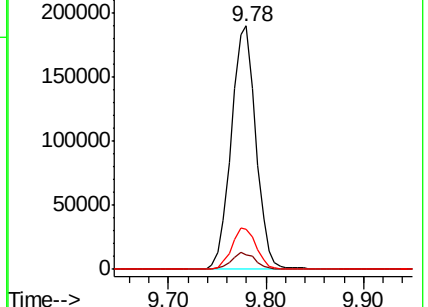
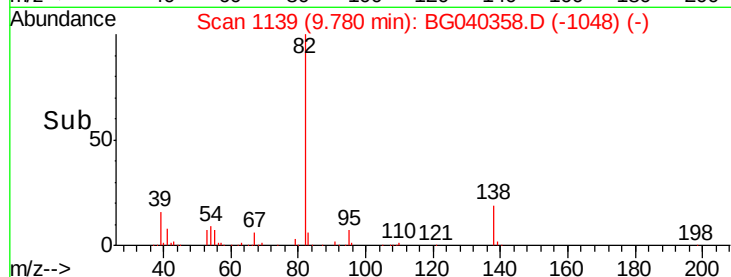
138 16.5 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BG040358.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BG040358.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BG040358.D (-1133) (-)



#26

2-Nitrophenol

Concen: 34.432 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

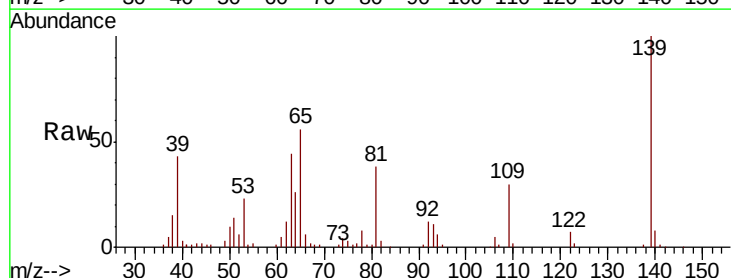
Tgt Ion: 139 Resp: 82695

Ion Ratio Lower Upper

139 100

109 30.3 25.0 37.4

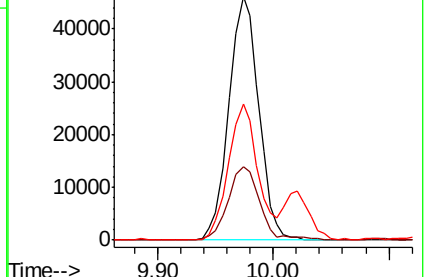
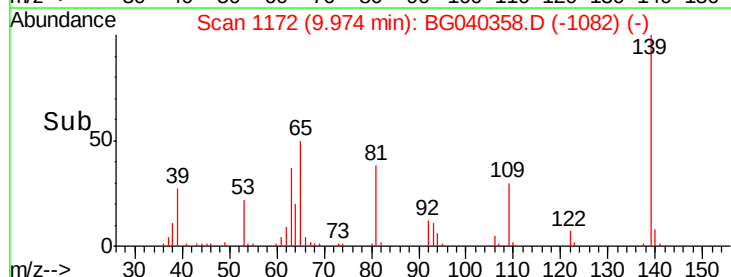
65 56.1 45.8 68.8

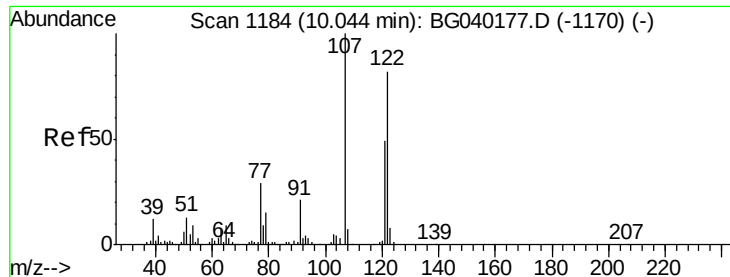


Abundance Ion 139.00 (138.70 to 139.70): BG040358.D (-1168) (-)

Ion 109.00 (108.70 to 109.70): BG040358.D (-1168) (-)

Ion 65.00 (64.70 to 65.70): BG040358.D (-1168) (-)

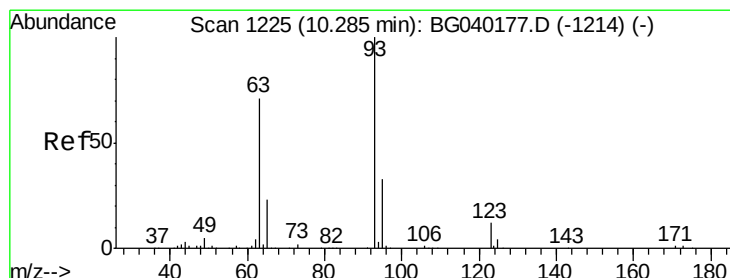
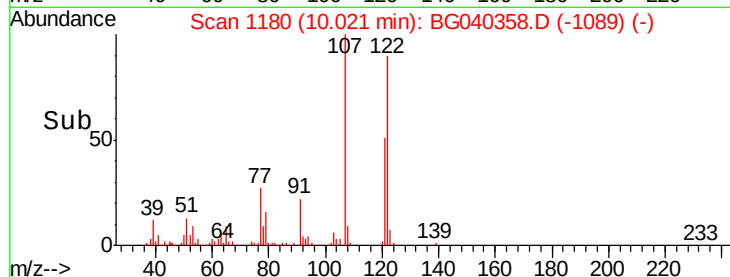
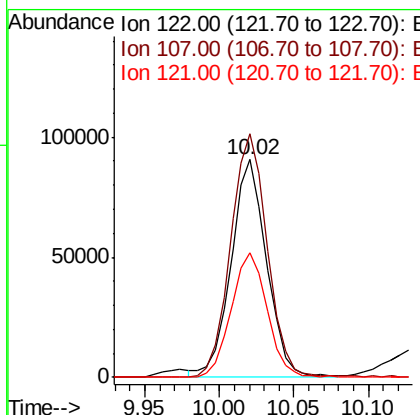
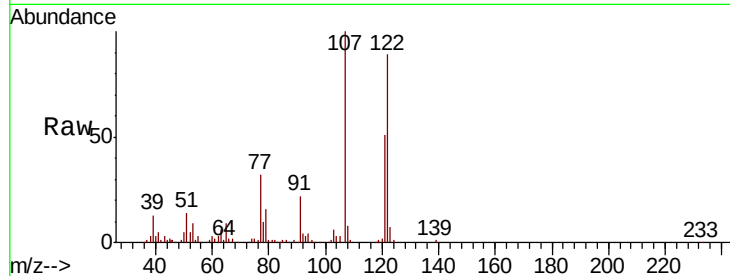




#27
 2,4-Dimethylphenol
 Concen: 39.112 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

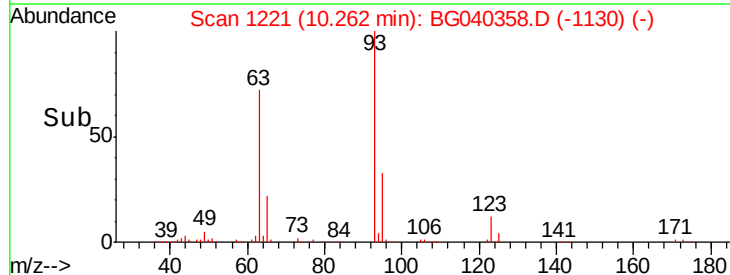
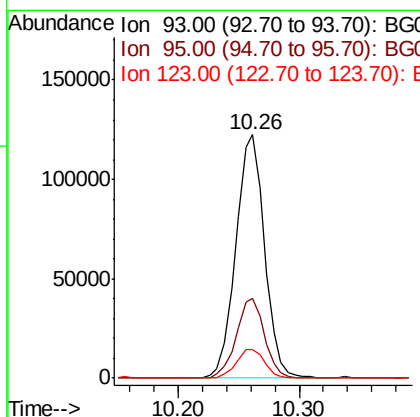
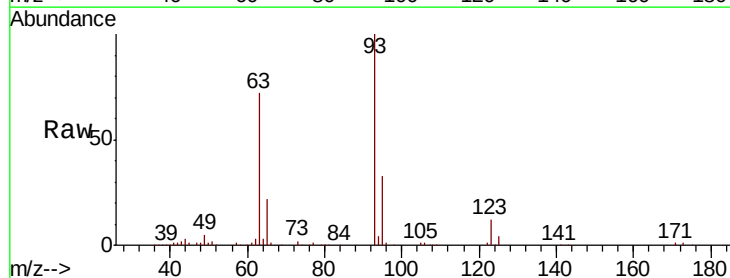
Instrument :
 BNA_G
 ClientSampleId :

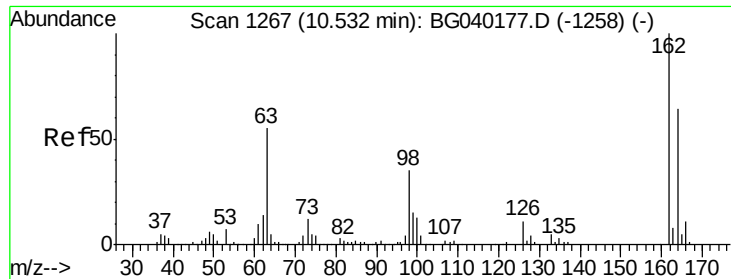
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	95.8	143.6
121	57.2	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.959 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.8	9.0	13.6

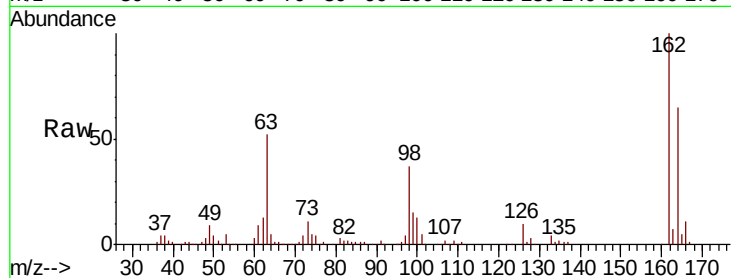




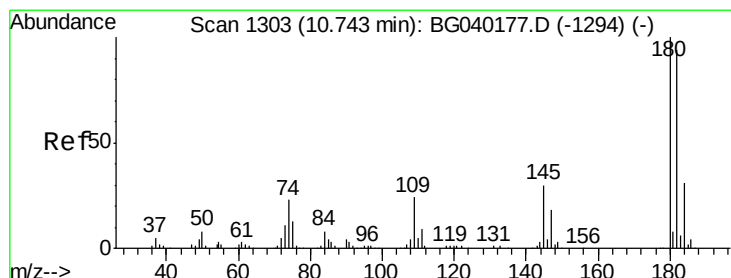
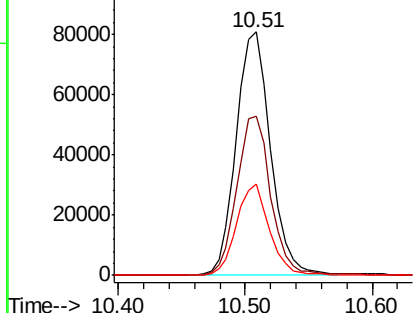
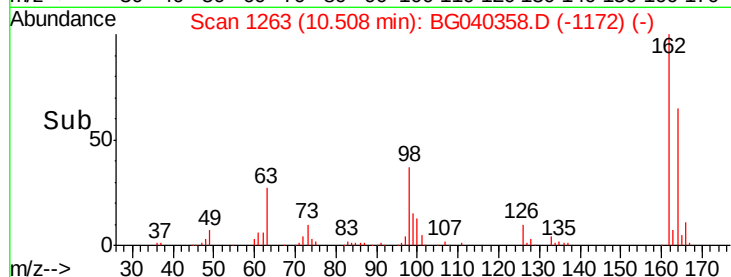
#29
 2,4-Dichlorophenol
 Concen: 36.702 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 151978
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.4 83.4
 98 37.3 16.3 56.3

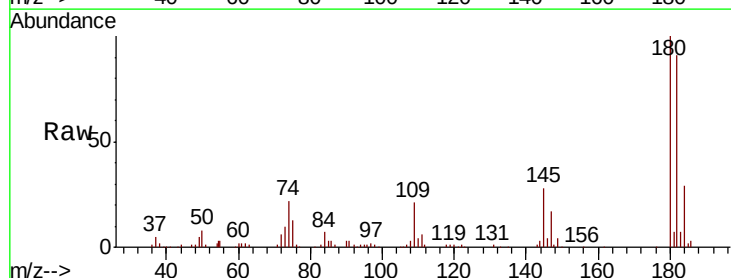


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

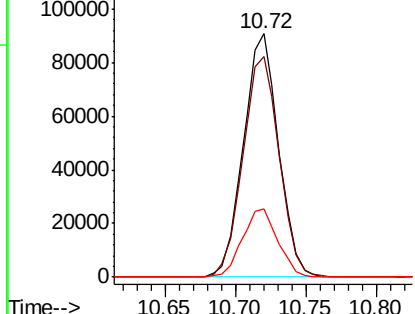
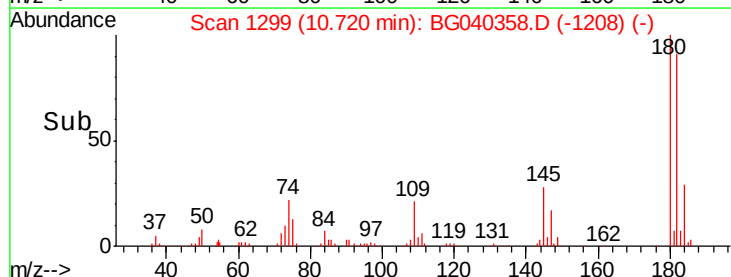


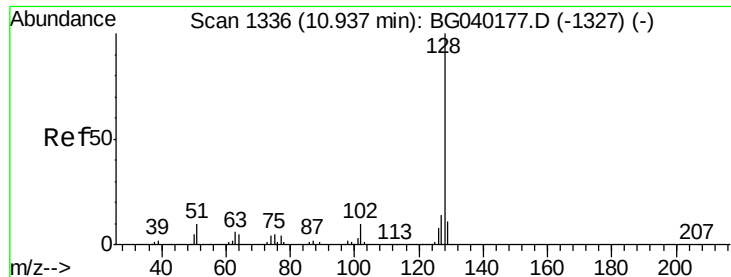
#30
 1,2,4-Trichlorobenzene
 Concen: 34.635 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion:180 Resp: 157482
 Ion Ratio Lower Upper
 180 100
 182 90.6 75.5 113.3
 145 27.8 23.0 34.4



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

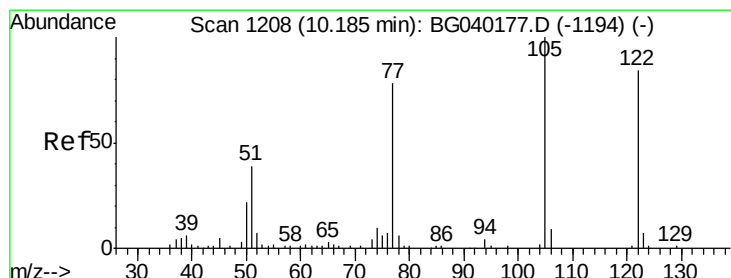
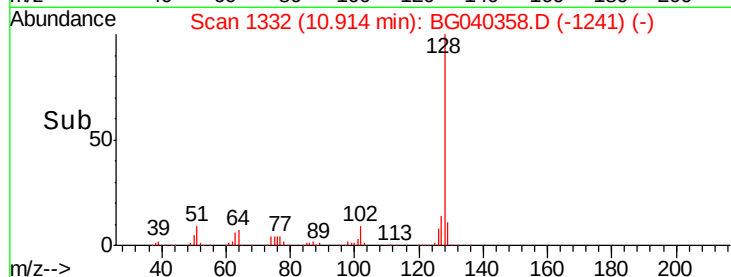
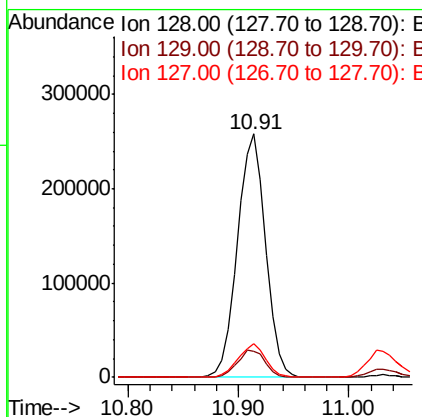
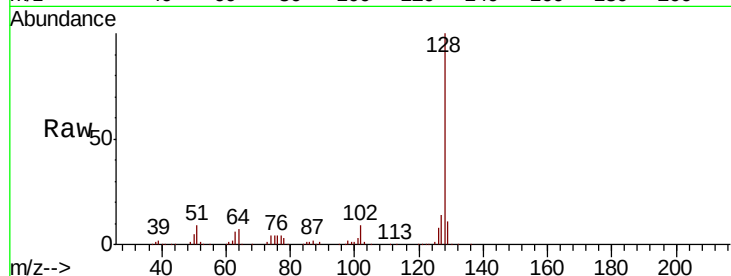




#31
Naphthalene
Concen: 34.582 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

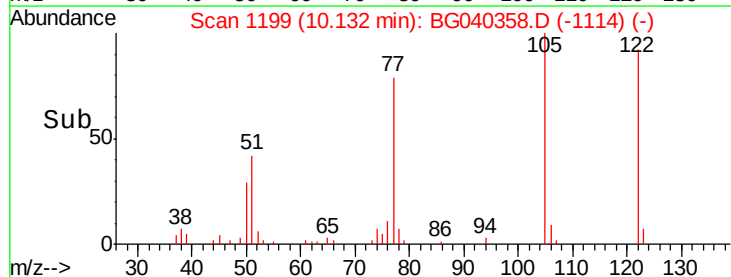
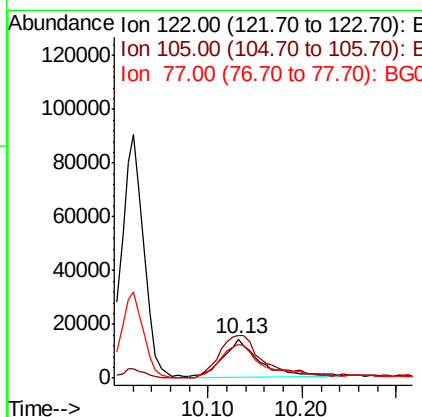
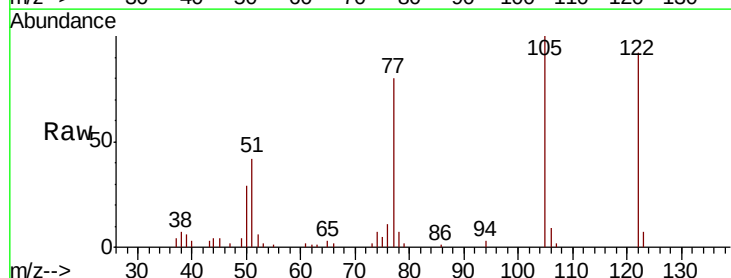
Instrument :
BNA_G
ClientSampleId :

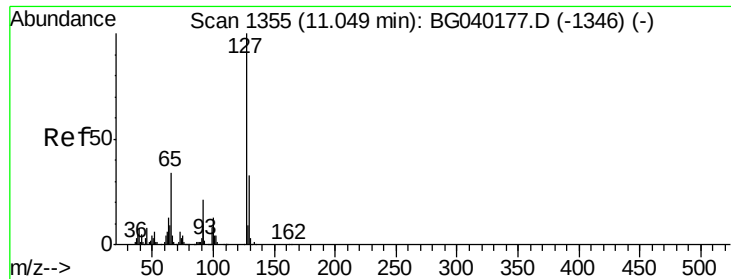
Tot Ion:128 Resp: 461173
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 16.503 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:122 Resp: 38038
Ion Ratio Lower Upper
122 100
105 108.8 107.6 147.6
77 86.8 79.2 119.2

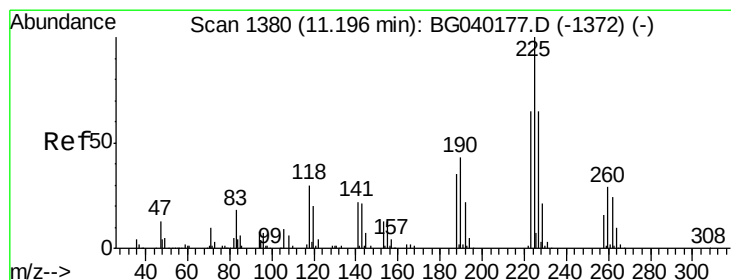
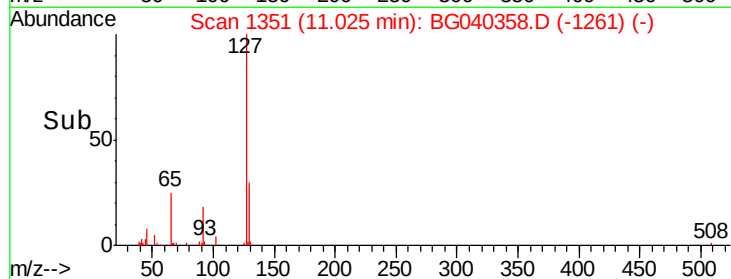
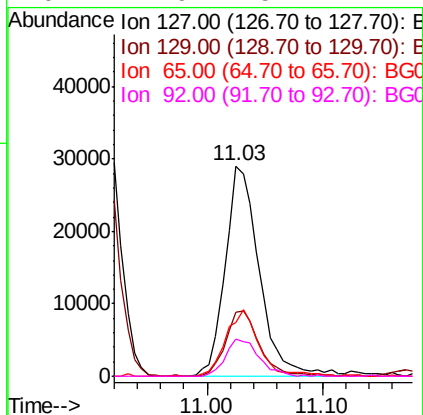
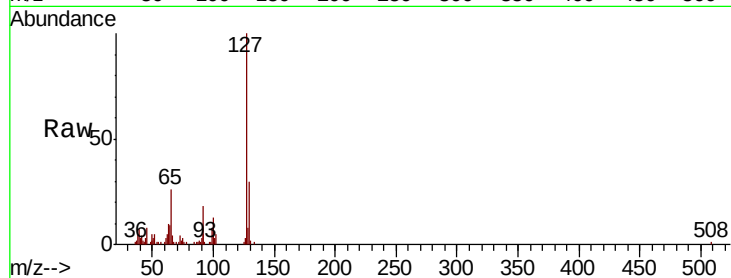




#33
4-Chloroaniline
Concen: 10.421 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

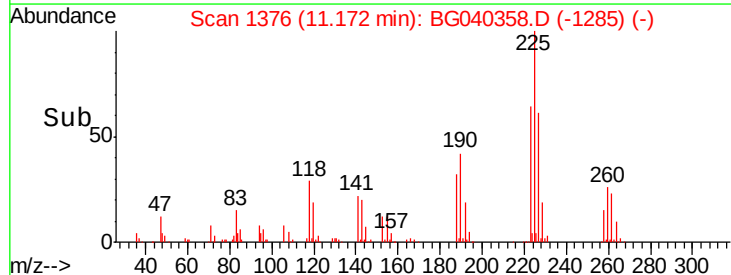
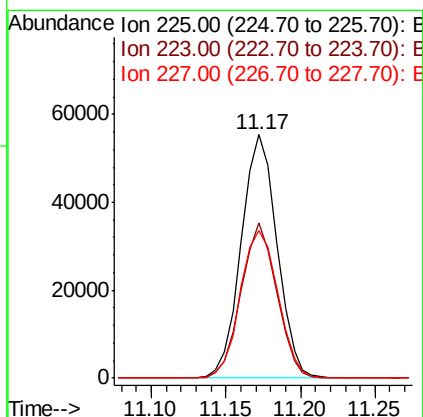
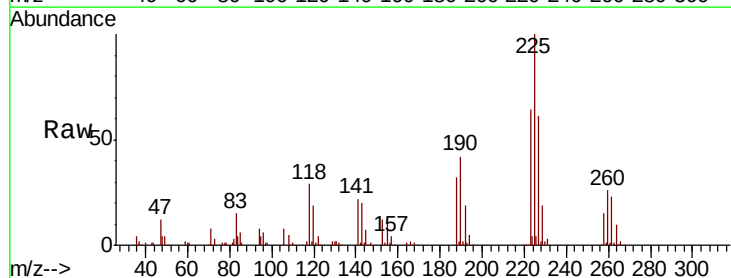
Instrument :
BNA_G
ClientSampleId :

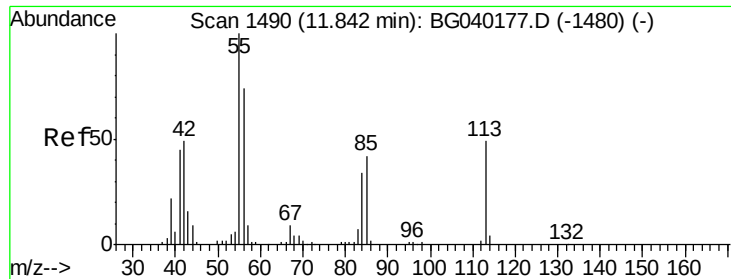
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.6	40.0
65	25.7	26.2	39.2
92	17.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 31.651 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.2	72.4
227	58.2	51.7	77.5

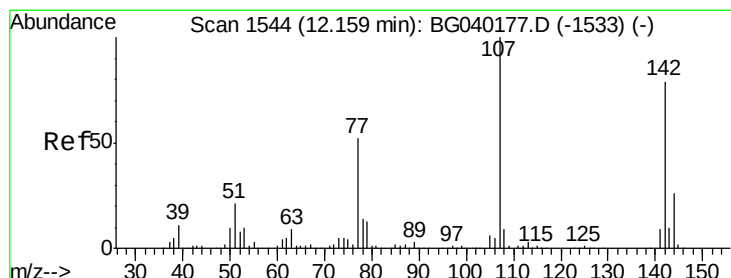
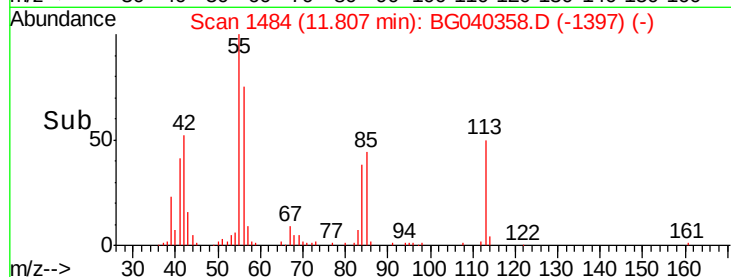
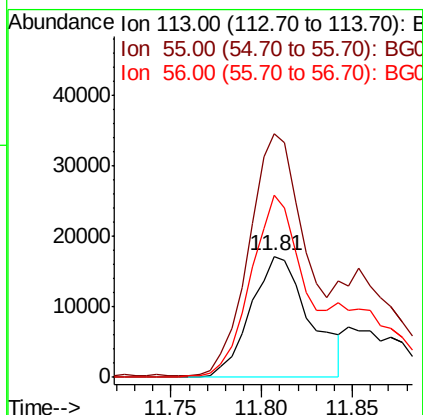
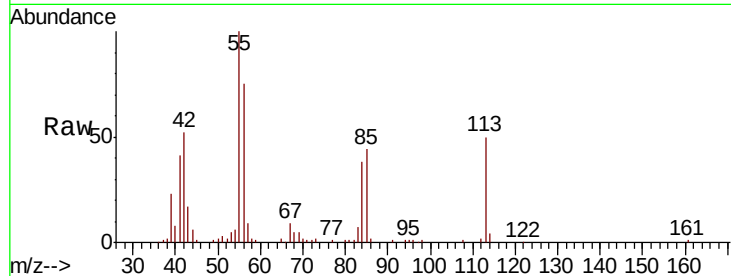




#35
 Caprolactam
 Concen: 23.583 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

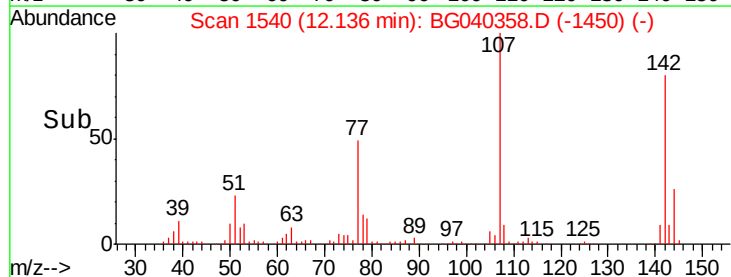
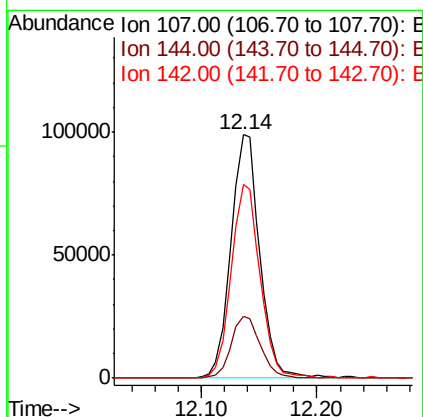
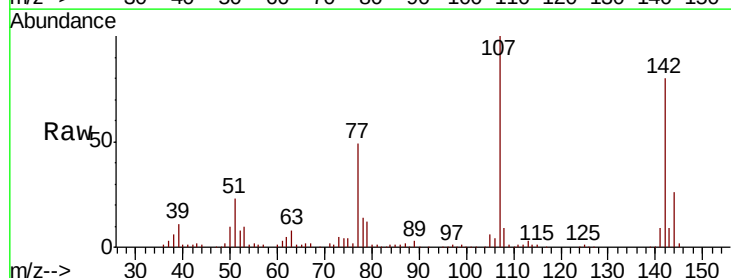
Instrument :
 BNA_G
 ClientSampled :

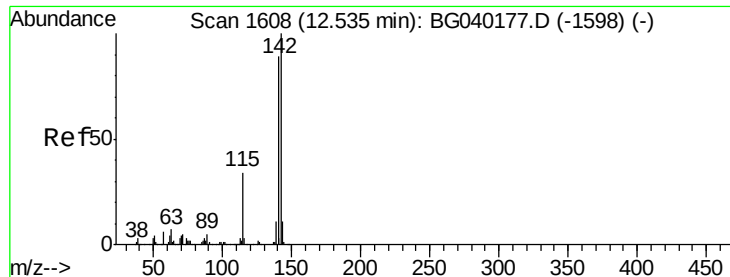
Tot Ion:113 Resp: 38753
 Ion Ratio Lower Upper
 113 100
 55 201.3 167.6 207.6
 56 150.3 113.4 153.4



#36
 4-Chloro-3-methylphenol
 Concen: 35.922 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion:107 Resp: 171003
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.5 32.3
 142 79.7 66.2 99.4

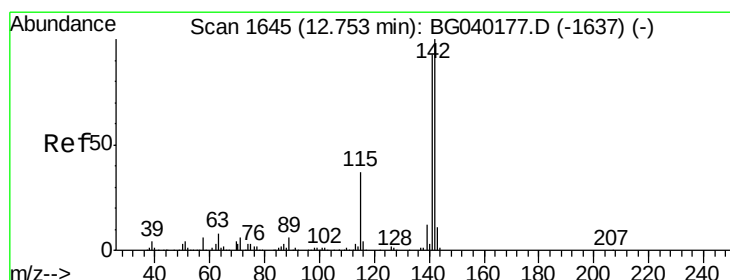
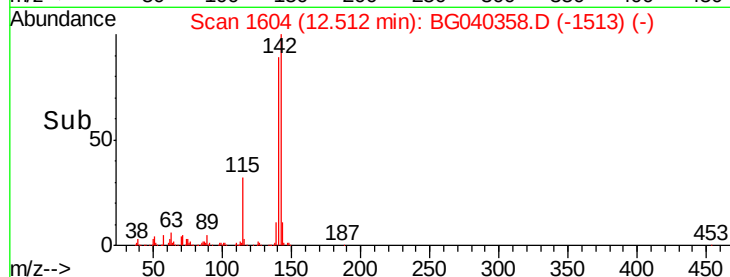
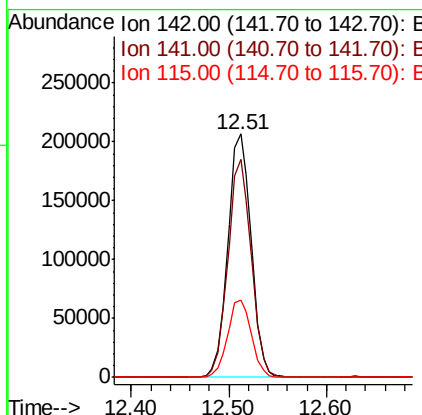
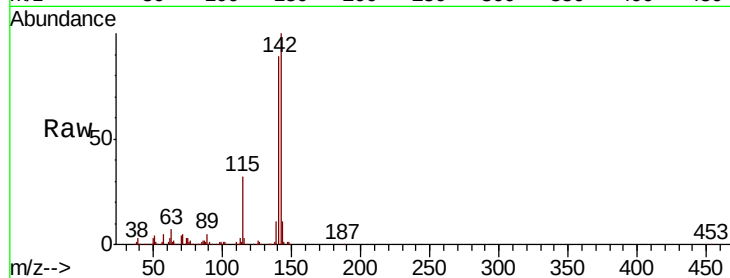




#37
2-Methylnaphthalene
Concen: 34.629 ng
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

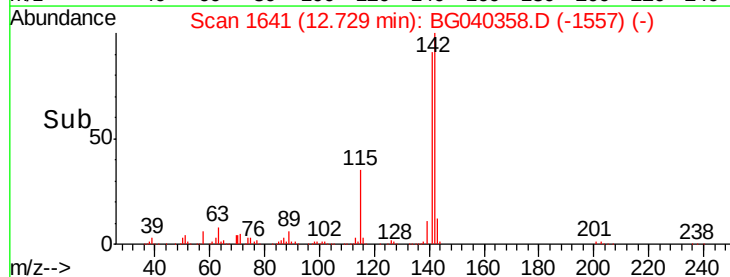
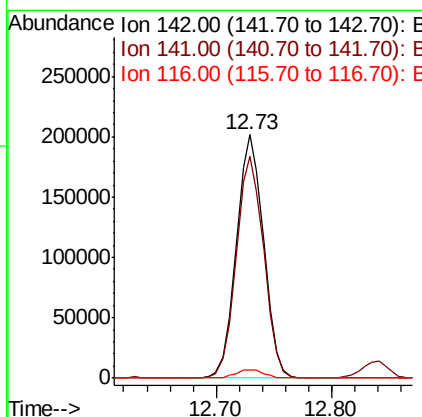
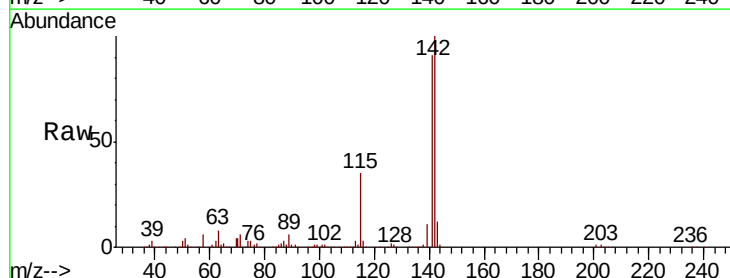
Instrument :
BNA_G
ClientSampleId :

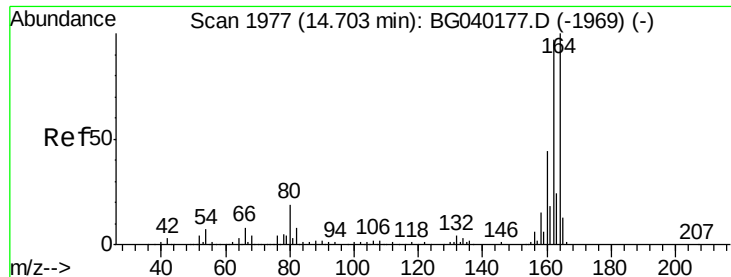
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.0	108.0
115	31.9	26.9	40.3



#38
1-Methylnaphthalene
Concen: 34.221 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.2	108.4
116	3.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

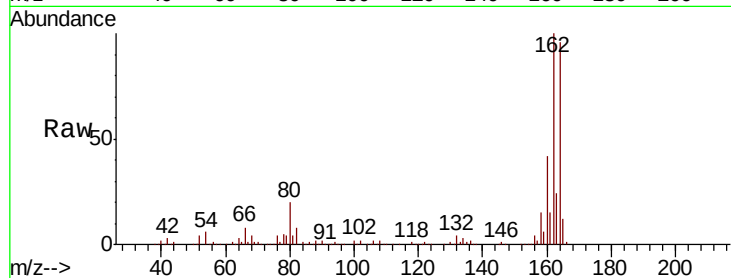
Tot Ion:164 Resp: 155911

Ion Ratio Lower Upper

164 100

162 104.6 82.1 123.1

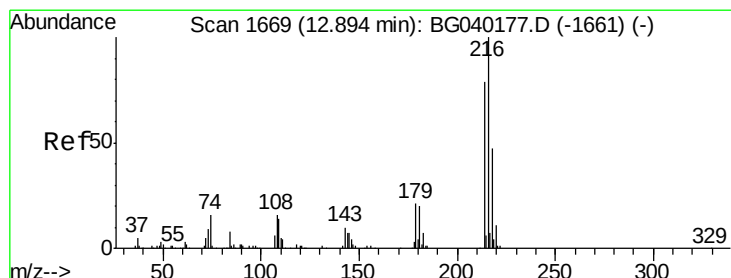
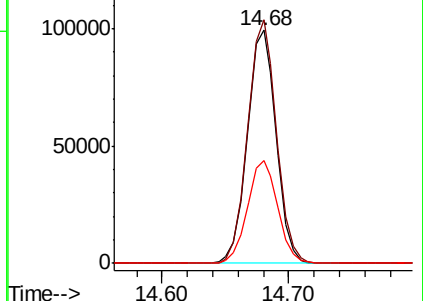
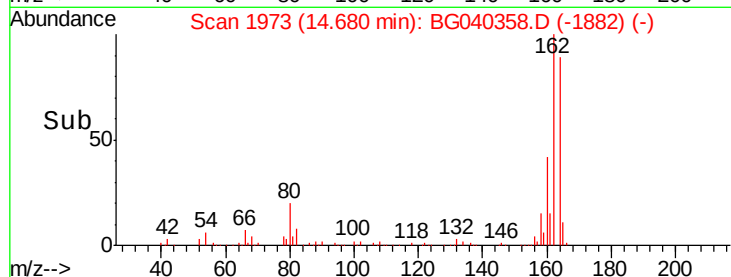
160 43.9 36.2 54.2



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: 35.187 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Tgt Ion:216 Resp: 174366

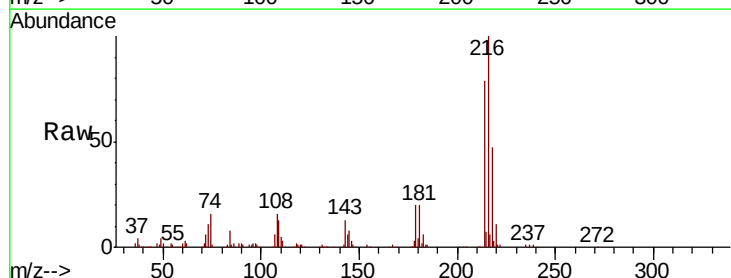
Ion Ratio Lower Upper

216 100

214 78.1 64.4 96.6

179 20.2 16.2 24.2

108 18.7 14.0 21.0

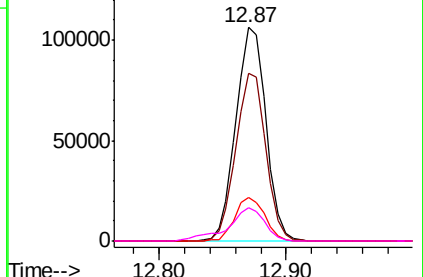
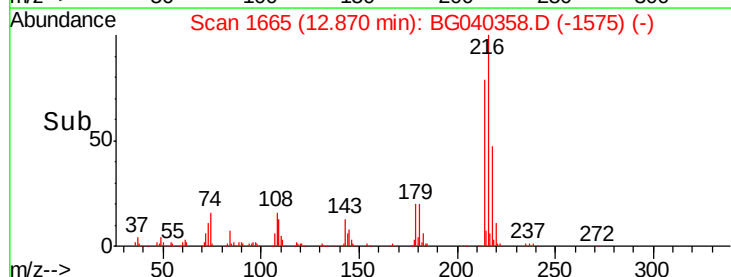


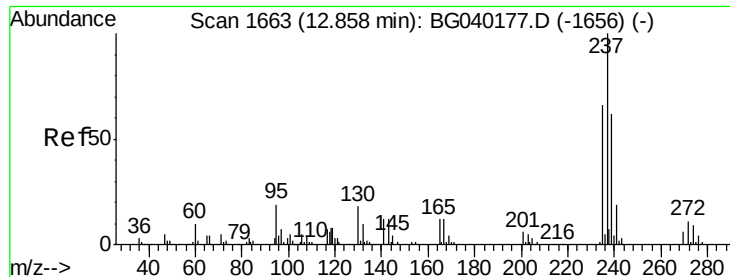
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.015 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

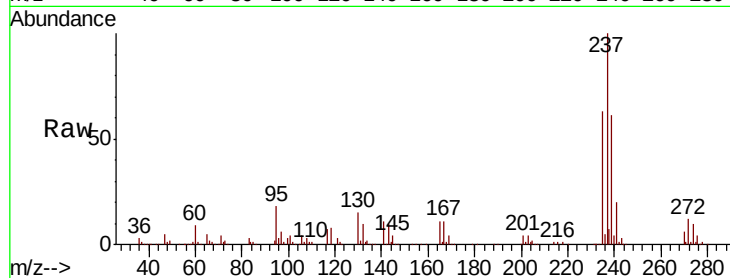
Tot Ion:237 Resp: 195945

Ion Ratio Lower Upper

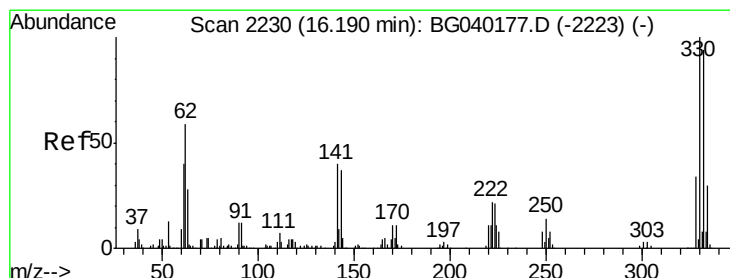
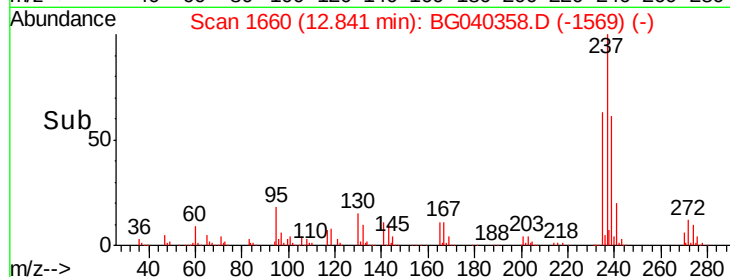
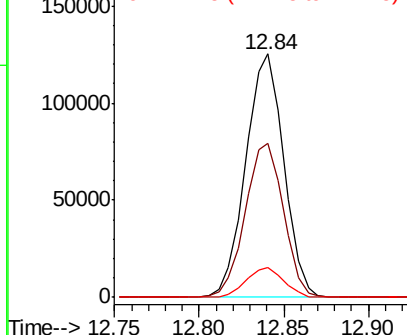
237 100

235 63.2 46.8 86.8

272 12.0 0.0 31.8



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: 117.650 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

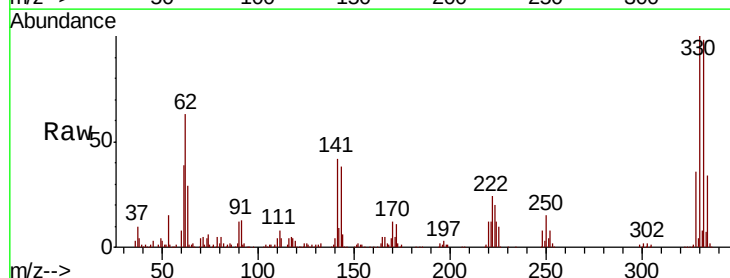
Tgt Ion:330 Resp: 198239

Ion Ratio Lower Upper

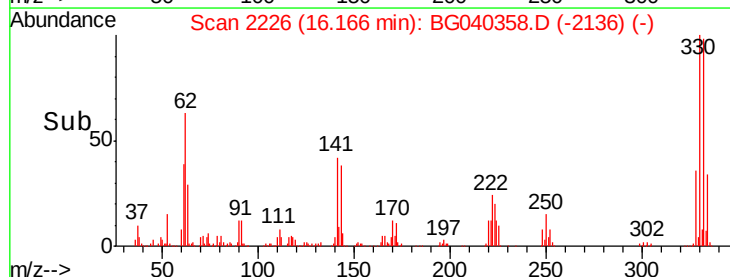
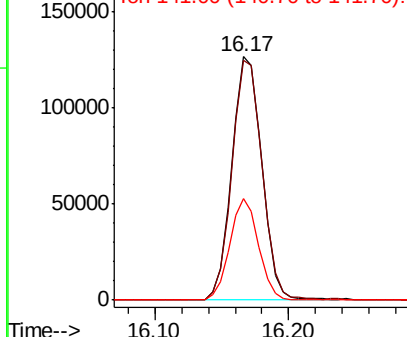
330 100

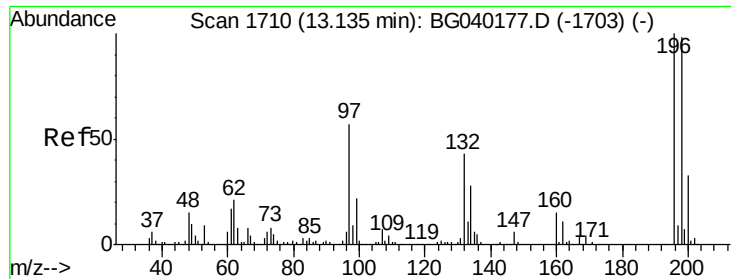
332 99.3 77.7 116.5

141 40.2 31.0 46.6



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

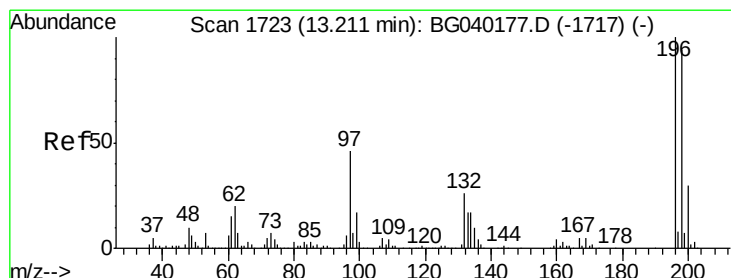
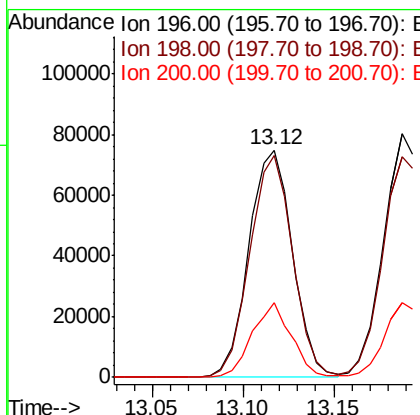
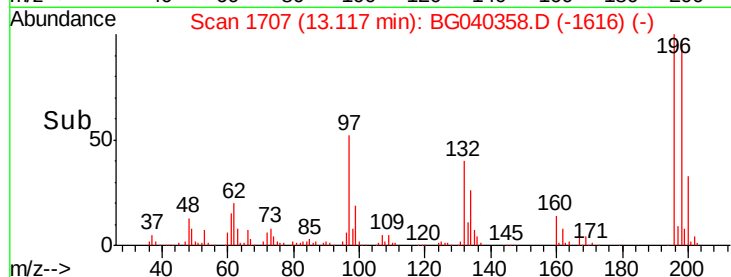
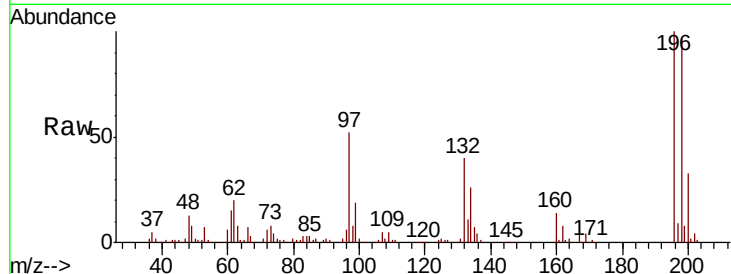




#43
 2,4,6-Trichlorophenol
 Concen: 39.121 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

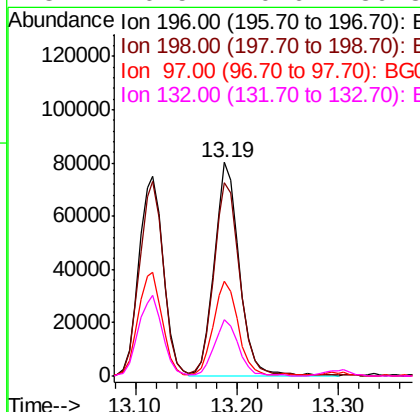
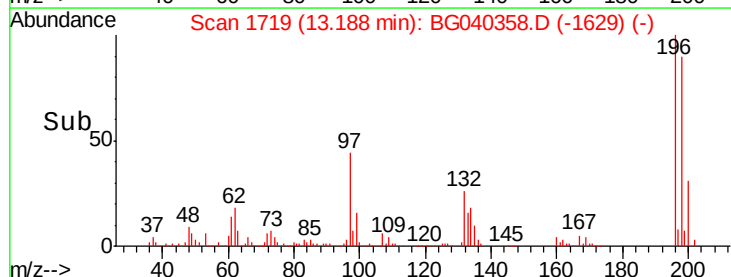
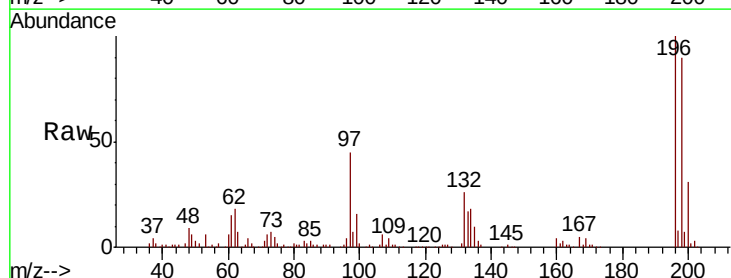
Instrument :
 BNA_G
 ClientSampleId :

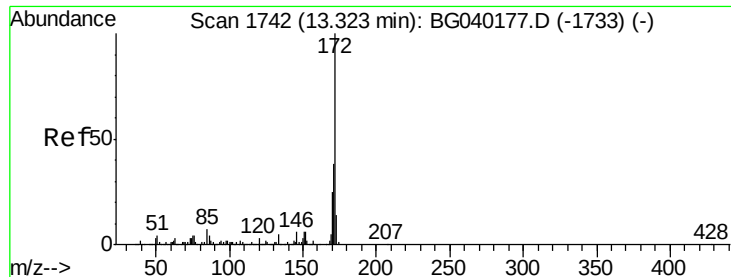
Tot Ion:196 Resp: 124989
 Ion Ratio Lower Upper
 196 100
 198 97.5 73.9 110.9
 200 33.1 23.1 34.7



#44
 2,4,5-Trichlorophenol
 Concen: 39.020 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion:196 Resp: 135883
 Ion Ratio Lower Upper
 196 100
 198 90.5 75.5 113.3
 97 44.6 36.3 54.5
 132 26.5 20.6 30.8

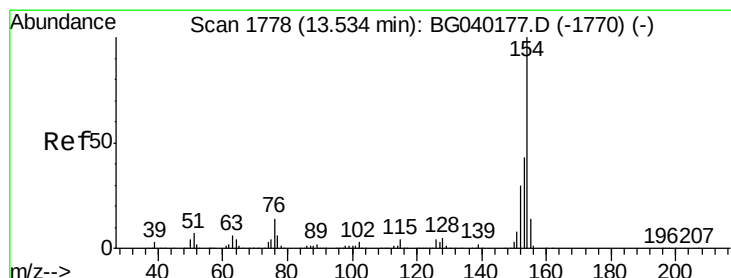
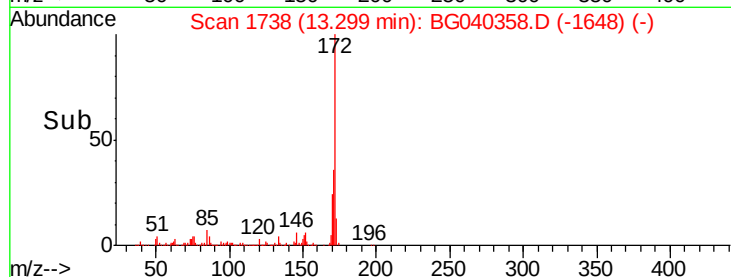
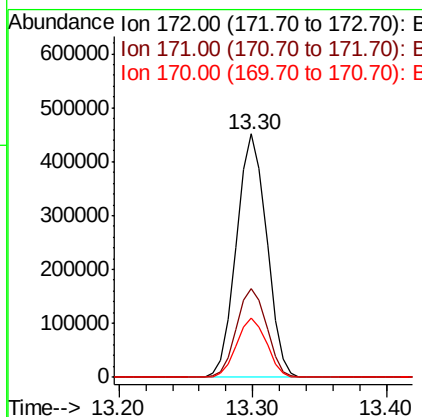
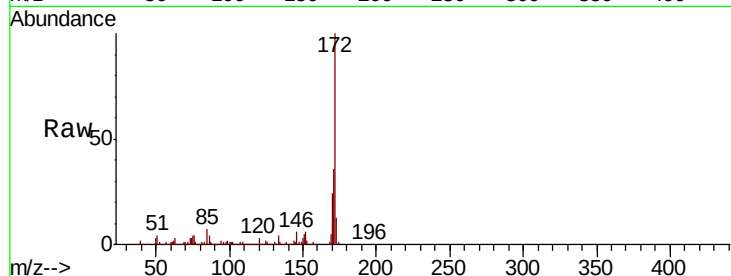




#45
2-Fluorobiphenyl
Concen: 67.161 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

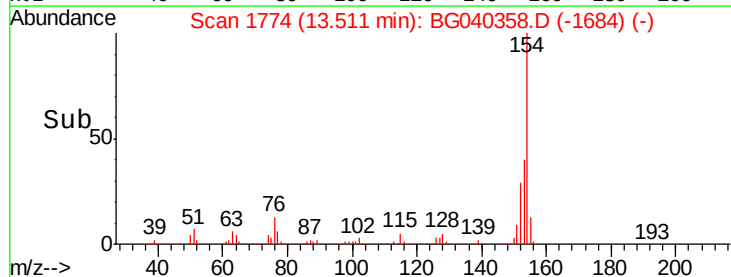
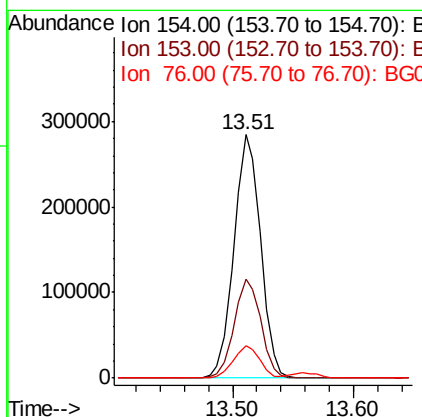
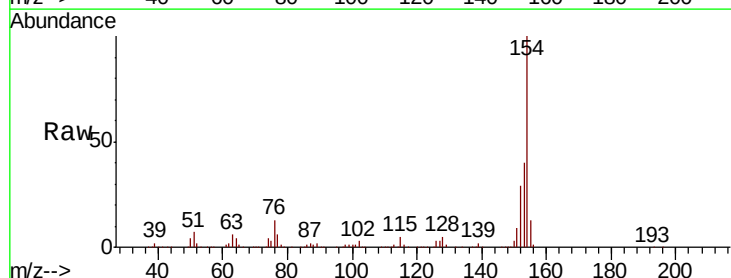
Instrument :
BNA_G
ClientSampleId :

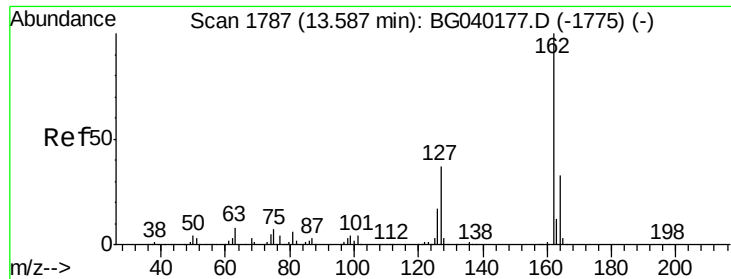
Tot Ion:172 Resp: 706667
Ion Ratio Lower Upper
172 100
171 36.3 30.2 45.4
170 24.5 20.4 30.6



#46
1,1'-Biphenyl
Concen: 35.460 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:154 Resp: 436829
Ion Ratio Lower Upper
154 100
153 40.4 23.3 63.3
76 13.5 0.0 32.8

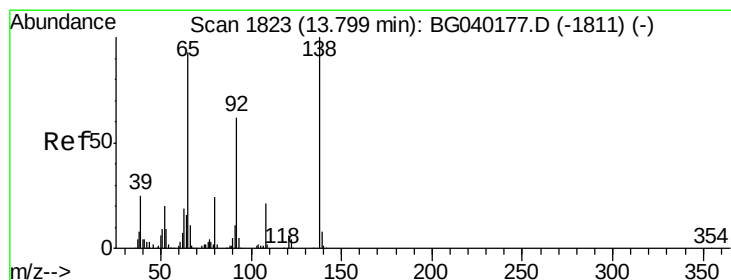
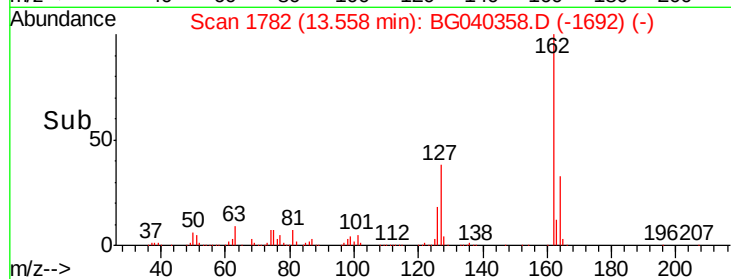
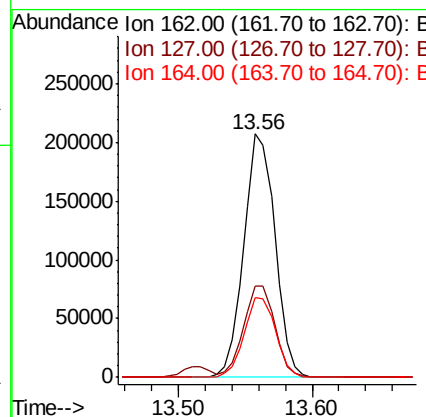
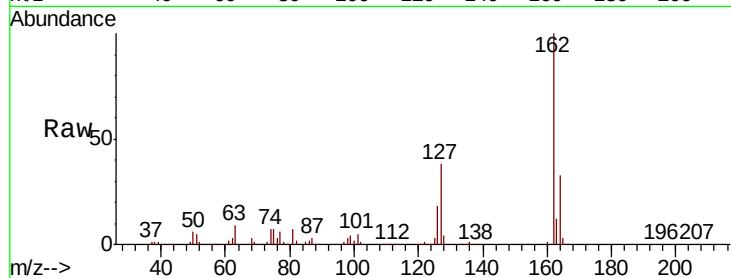




#47
 2-Chloronaphthalene
 Concen: 35.352 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

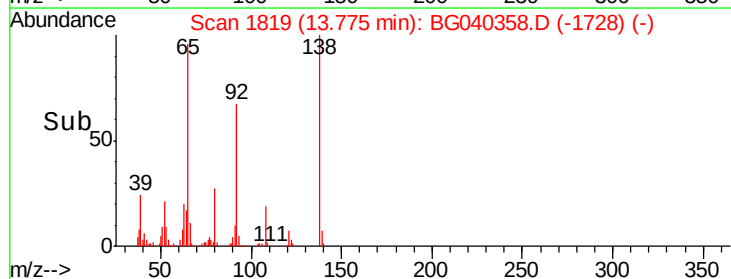
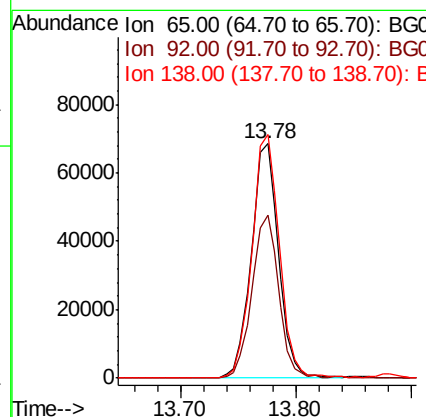
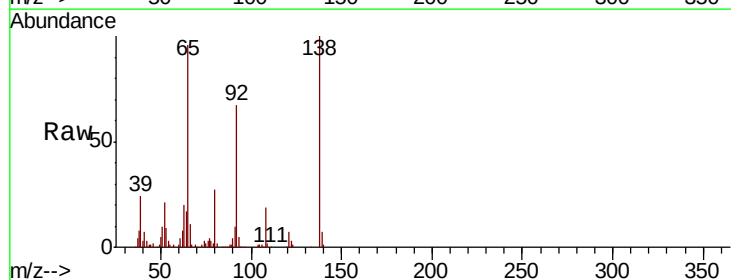
Instrument :
 BNA_G
 ClientSampled :

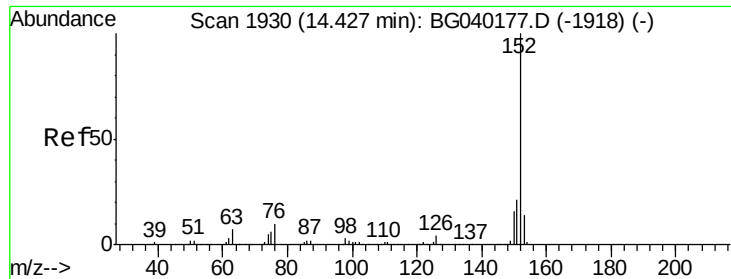
Tot Ion:	162	Resp:	334055
Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.6	46.0
164	33.0	25.9	38.9



#48
 2-Nitroaniline
 Concen: 35.423 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion:	65	Resp:	112906
Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.8	83.6
138	103.8	83.3	124.9





#49

Acenaphthylene

Concen: 34.716 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

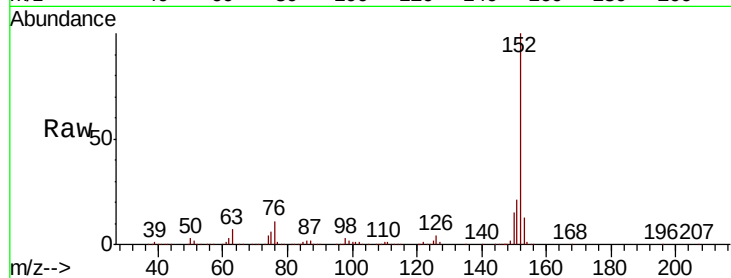
Tot Ion:152 Resp: 556199

Ion Ratio Lower Upper

152 100

151 21.4 17.3 25.9

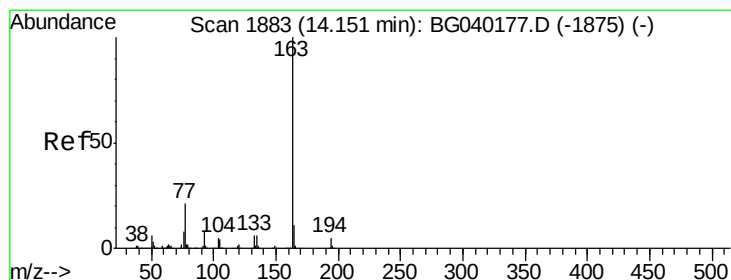
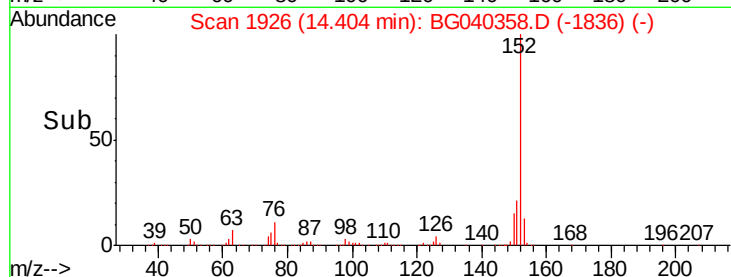
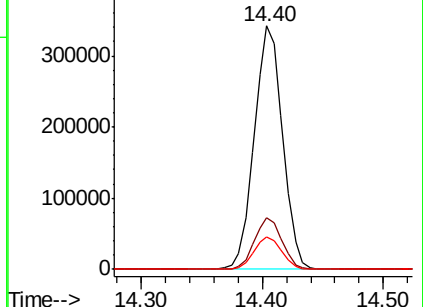
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.878 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

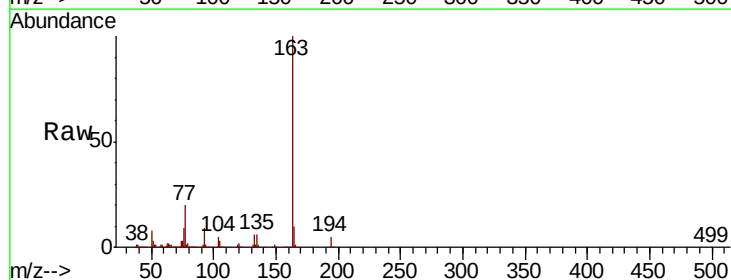
Tgt Ion:163 Resp: 486599

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

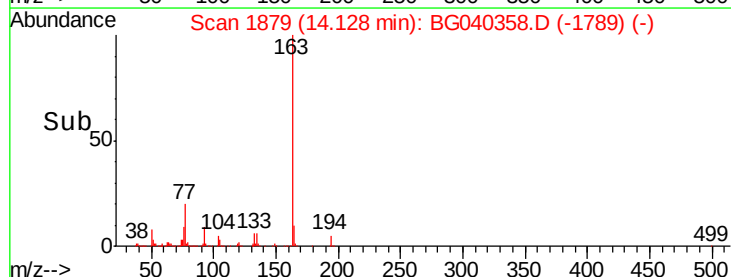
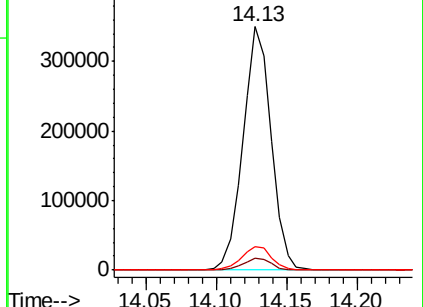
164 9.7 8.2 12.4

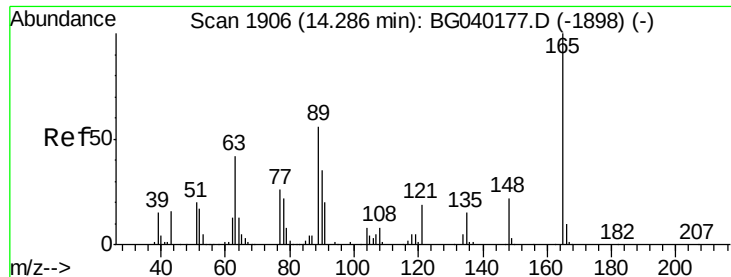


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

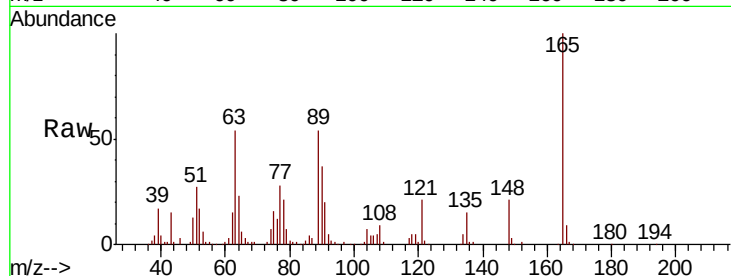




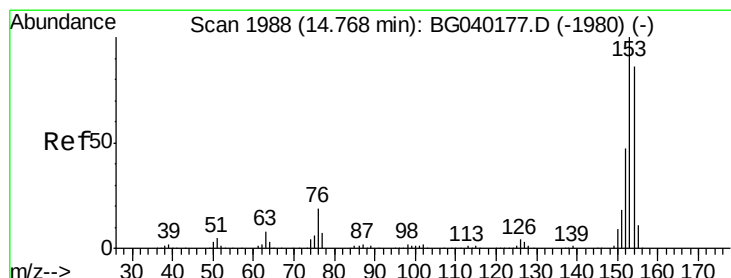
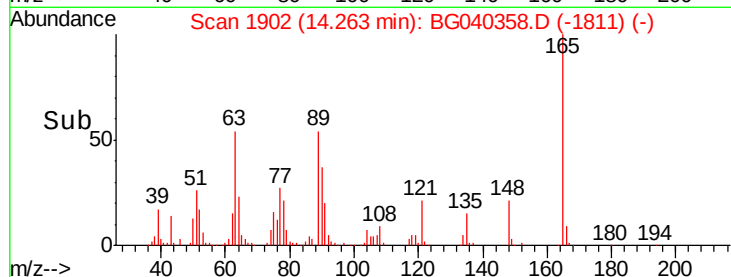
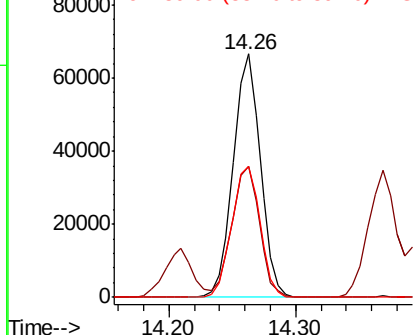
#51
 2,6-Dinitrotoluene
 Concen: 35.851 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 98227
 Ion Ratio Lower Upper
 165 100
 63 53.7 44.6 67.0
 89 53.7 43.9 65.9

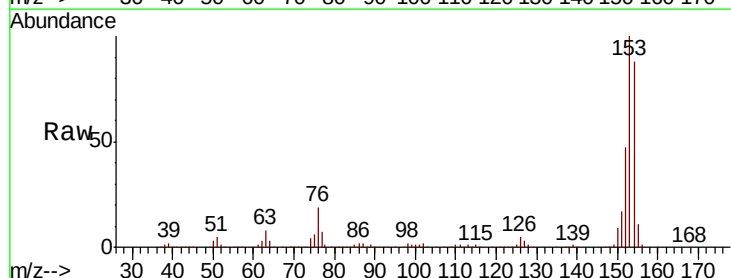


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

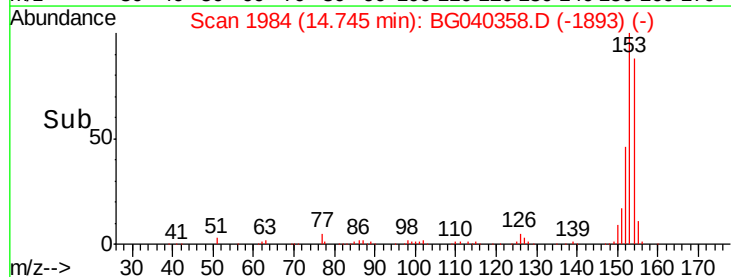
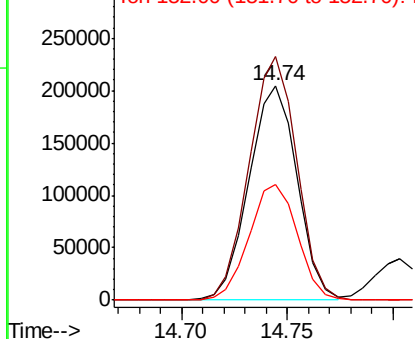


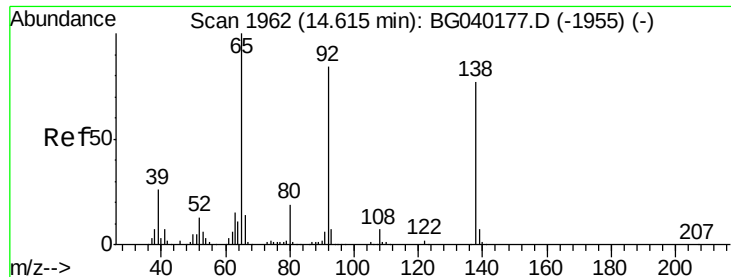
#52
 Acenaphthene
 Concen: 35.271 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion:154 Resp: 323804
 Ion Ratio Lower Upper
 154 100
 153 113.4 91.6 137.4
 152 53.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.283 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

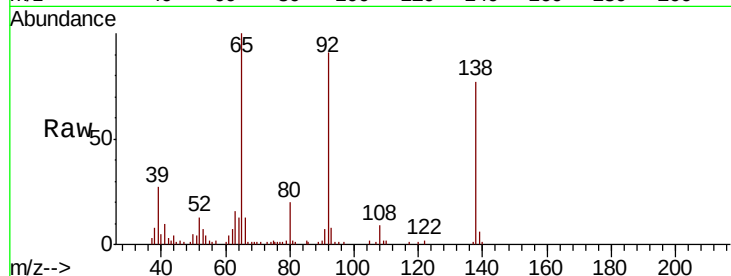
Tot Ion:138 Resp: 38522

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

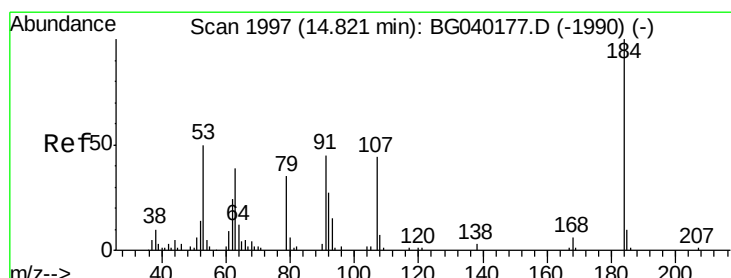
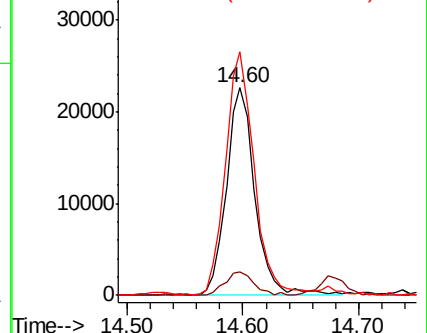
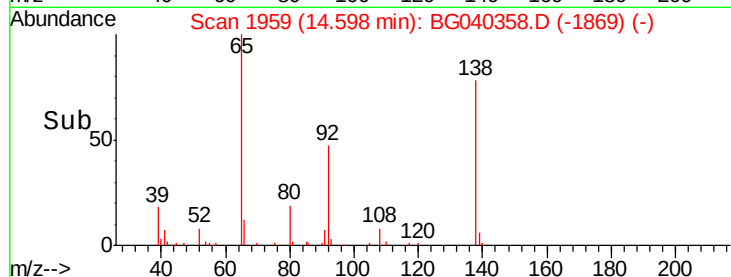
92 117.2 88.8 133.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 75.149 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

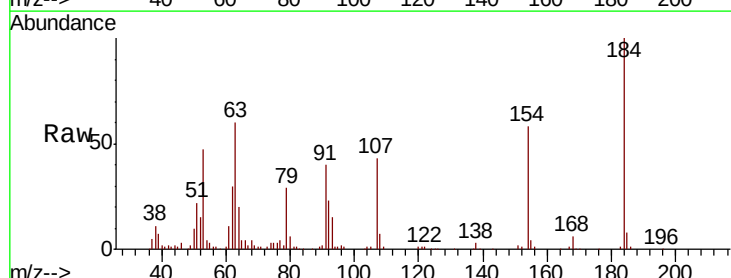
Tgt Ion:184 Resp: 109500

Ion Ratio Lower Upper

184 100

63 59.7 47.9 71.9

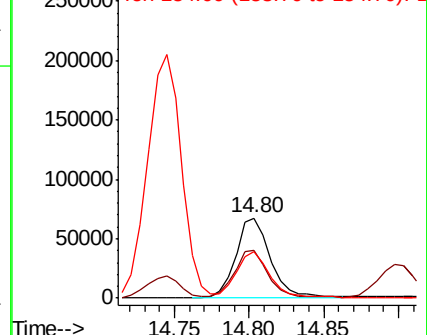
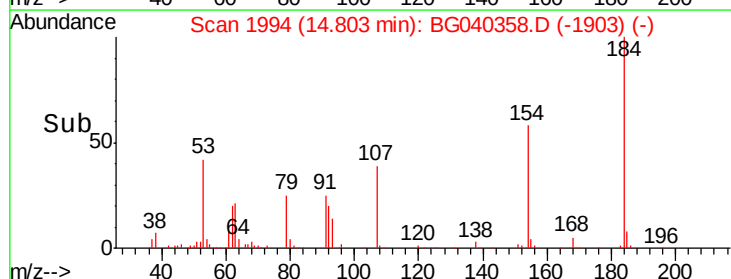
154 58.2 44.7 67.1

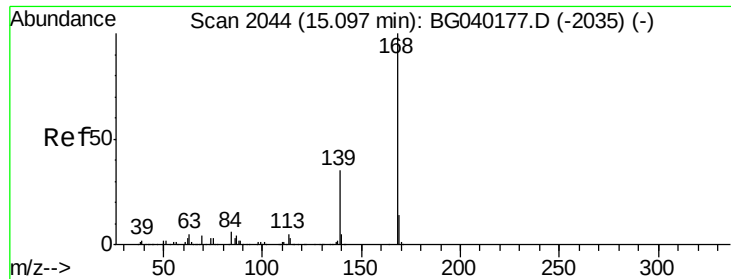


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

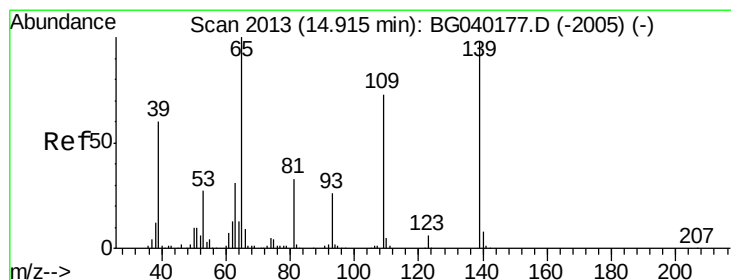
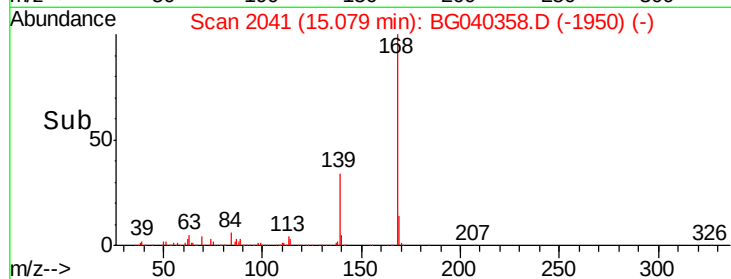
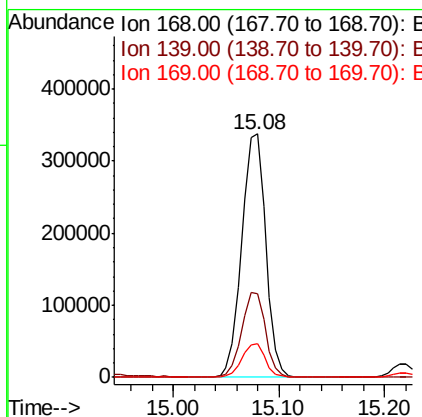
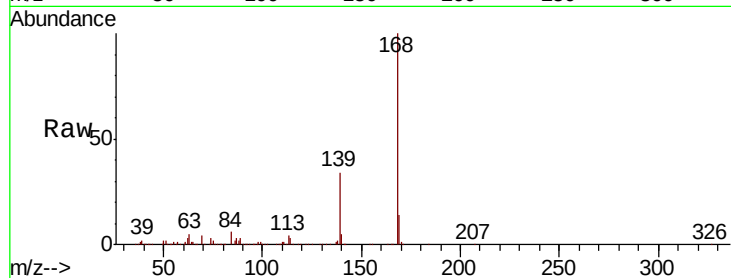




#55
Dibenzenofuran
Concen: 36.008 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

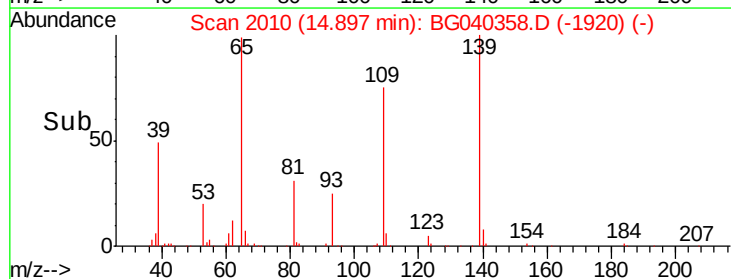
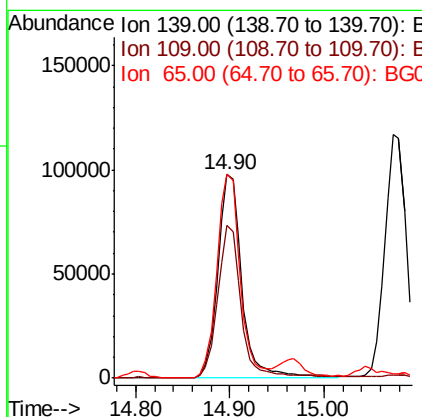
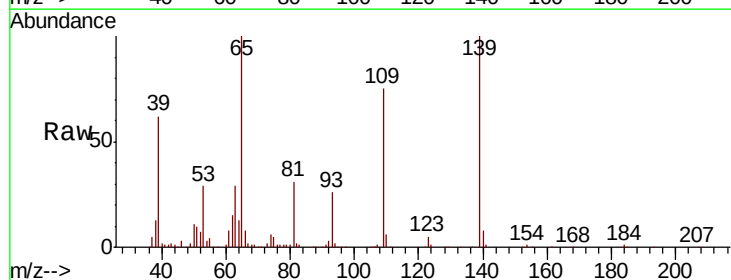
Instrument :
BNA_G
ClientSampleId :

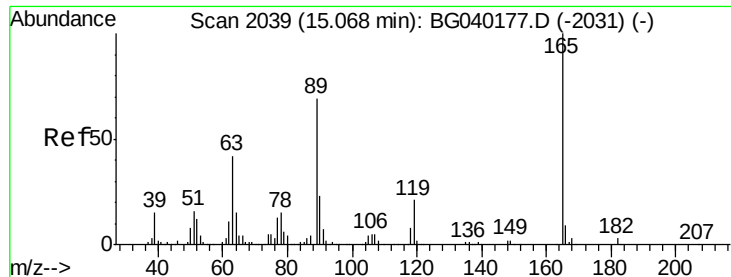
Tot Ion	168	139	169
Resp	531178		
Ratio	100	34.1	13.6
Lower		27.9	11.2
Upper		41.9	16.8



#56
4-Nitrophenol
Concen: 75.047 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion	139	109	65
Resp	175664		
Ratio	100	74.9	100.5
Lower		53.4	75.9
Upper		93.4	115.9

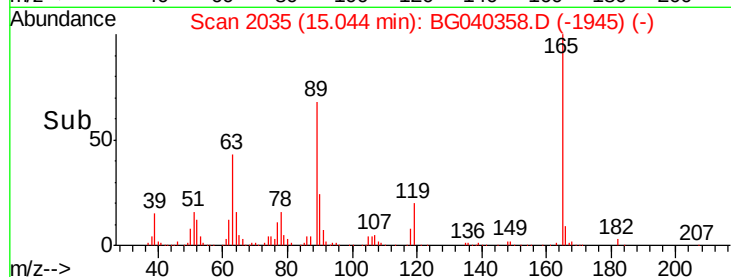
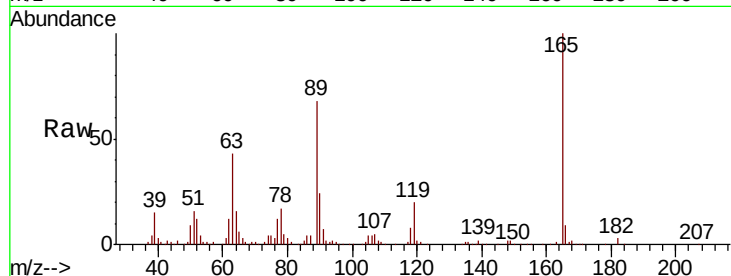




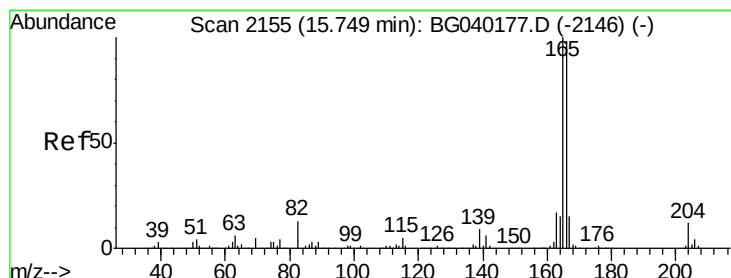
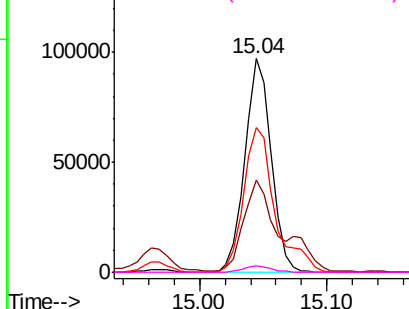
#57
2,4-Dinitrotoluene
Concen: 36.855 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	32.2	48.2
89	67.5	54.1	81.1
182	3.2	2.6	3.8

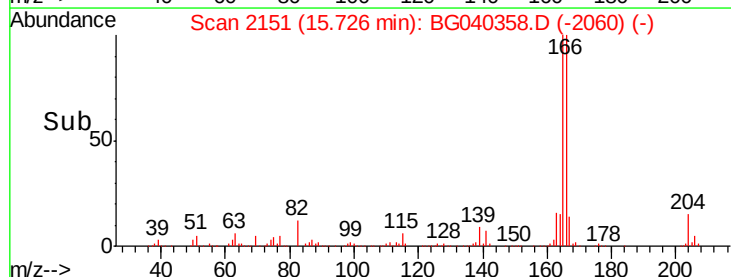
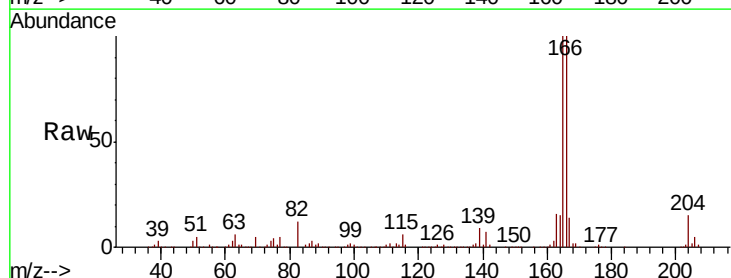


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

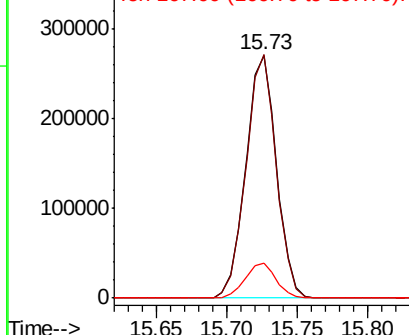


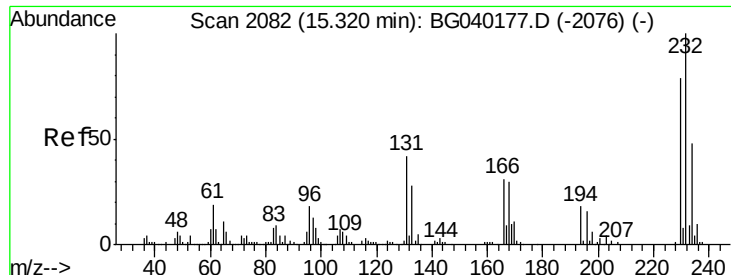
#58
Fluorene
Concen: 35.658 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	117.8
167	14.4	11.8	17.8



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

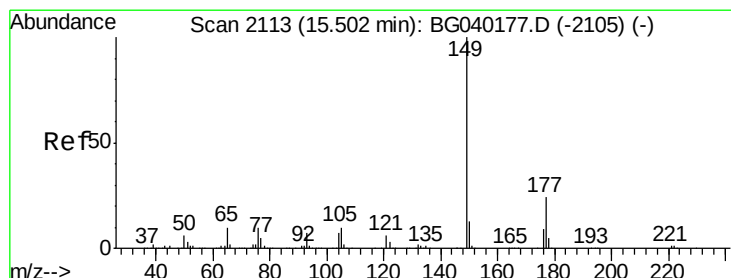
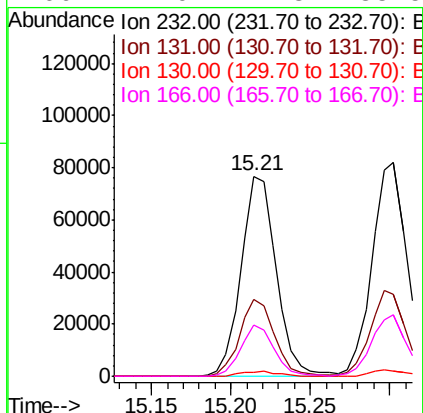
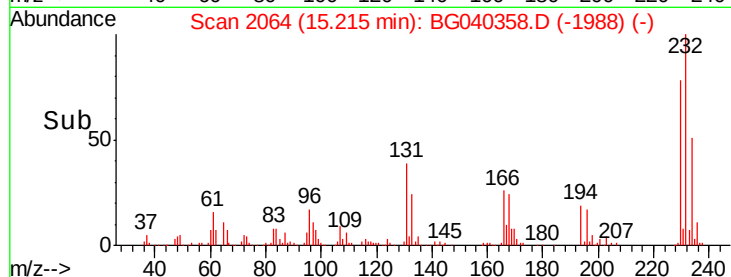
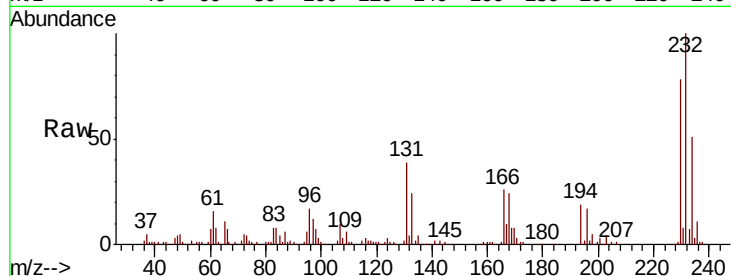




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.512 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.09 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

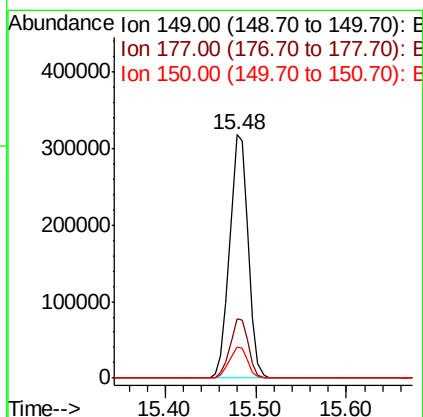
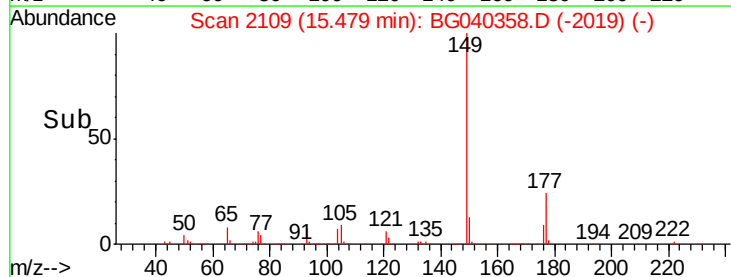
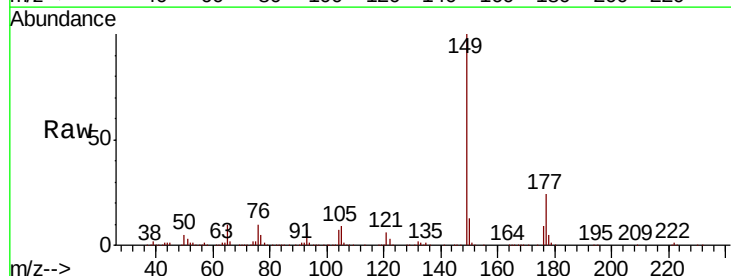
Instrument :
 BNA_G
 ClientSampleId :

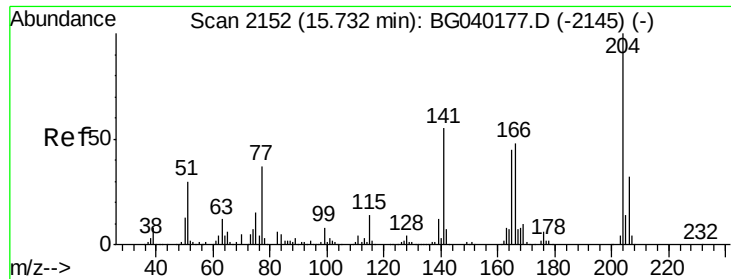
Tot Ion:	232	Resp:	118540
Ion	Ratio	Lower	Upper
232	100		
131	37.9	31.7	47.5
130	2.3	1.7	2.5
166	24.0	22.3	33.5



#60
 Diethylphthalate
 Concen: 36.337 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion:	149	Resp:	453724
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	12.7	10.2	15.4

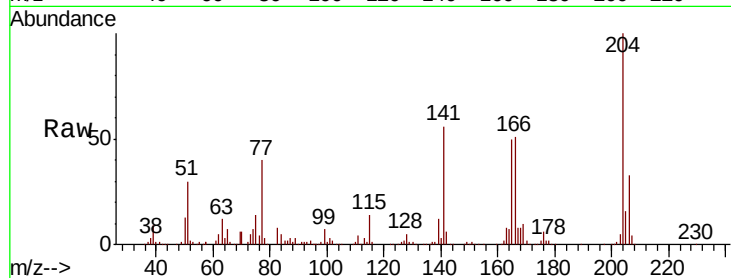




#61
 4-Chlorophenyl-phenylether
 Concen: 36.146 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	55.9	44.6	67.0

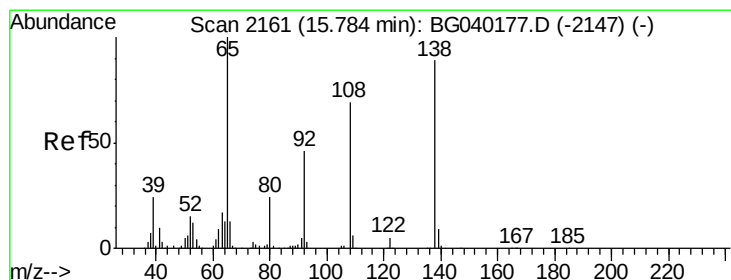
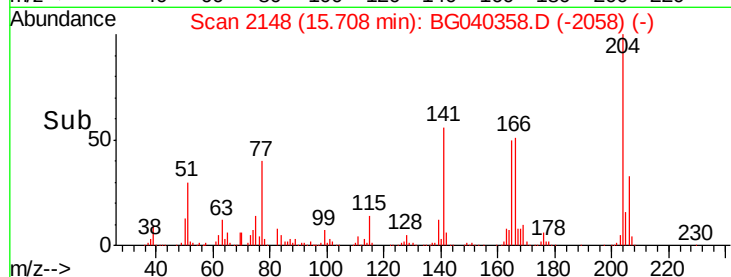
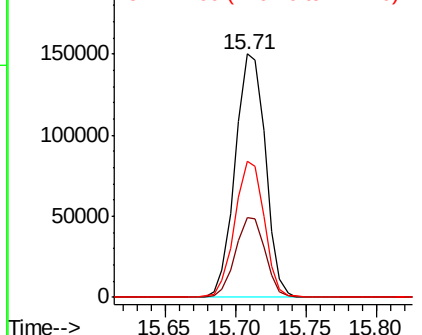


Abundance

Ion 204.00 (203.70 to 204.70): E

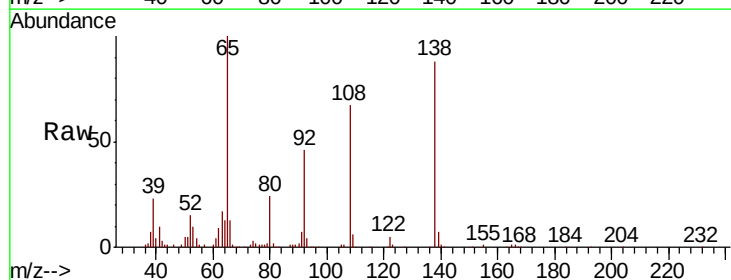
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 35.577 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.8	70.8
108	76.9	57.0	97.0

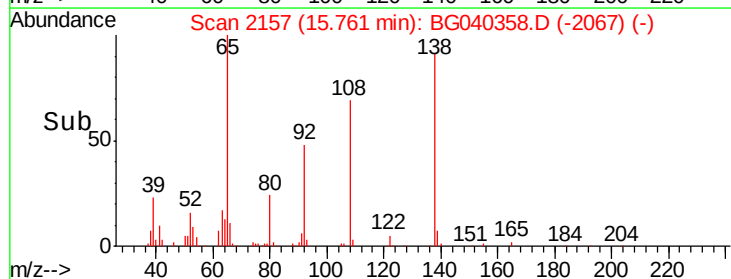
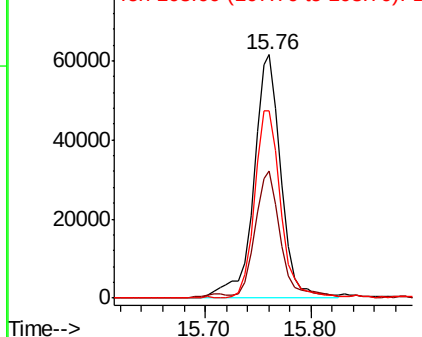


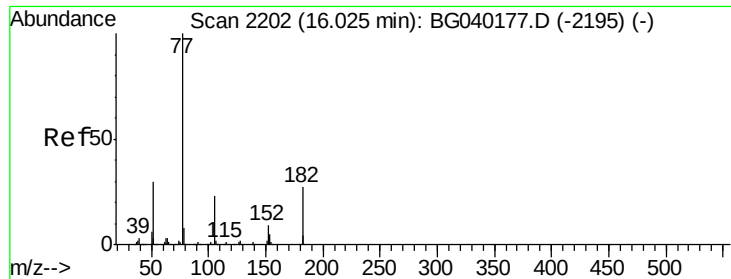
Abundance

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

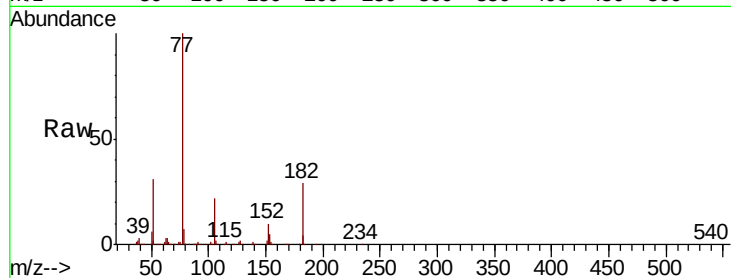




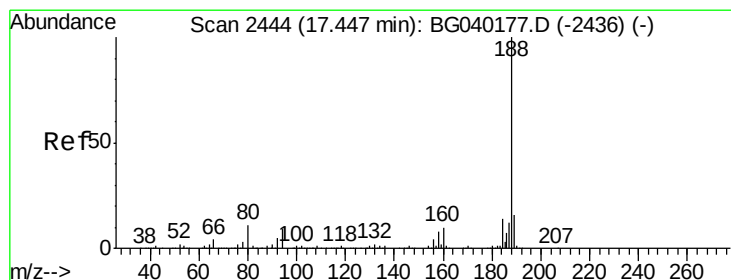
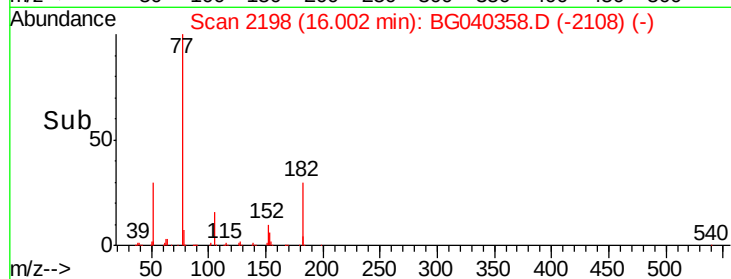
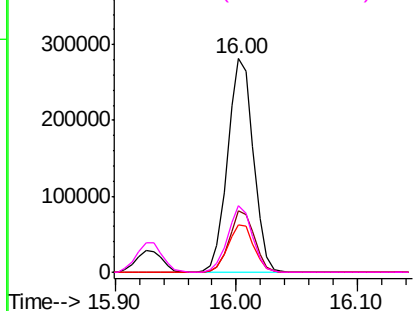
#63
Azobenzene
Concen: 35.279 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 415518
Ion Ratio Lower Upper
77 100
182 29.0 8.5 48.5
105 22.3 3.2 43.2
51 31.1 11.3 51.3

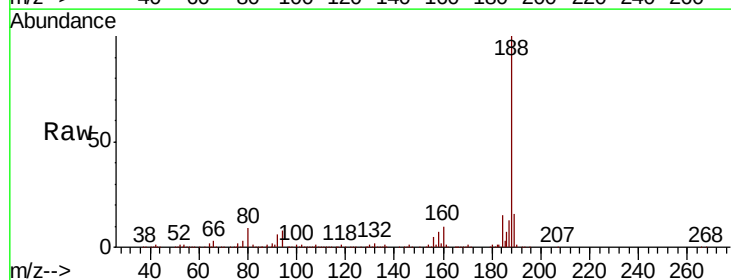


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

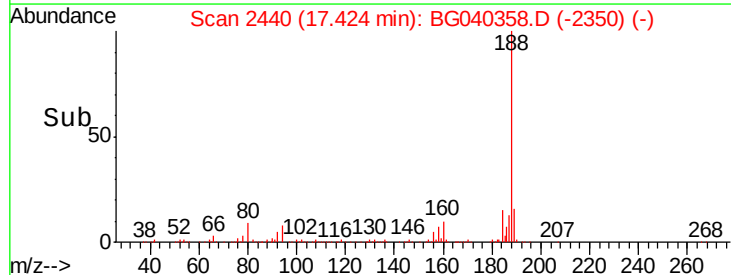
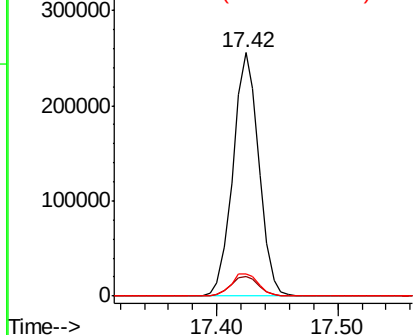


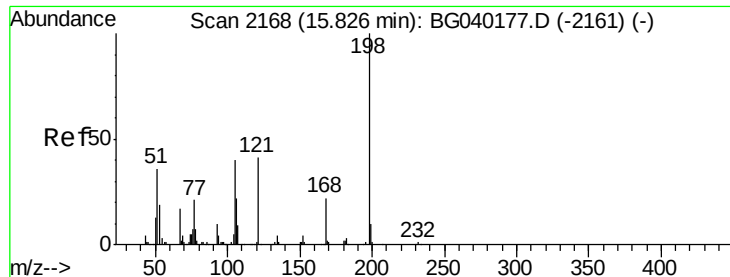
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion: 188 Resp: 381065
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 9.0 7.6 11.4



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

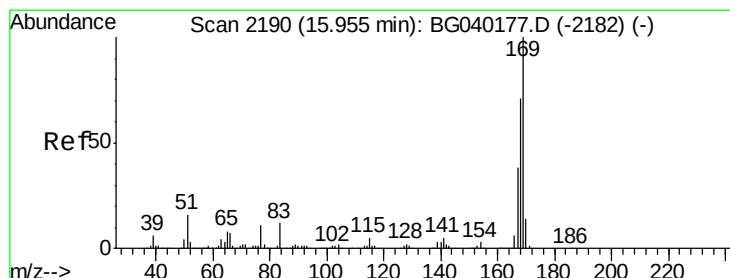
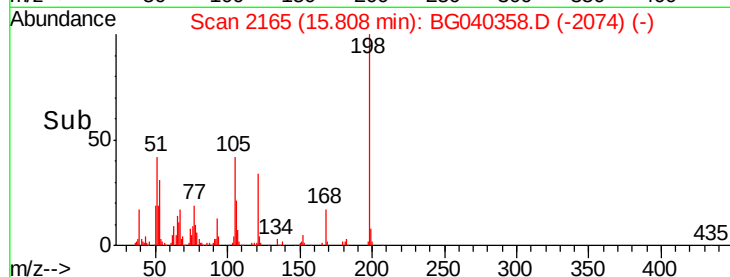
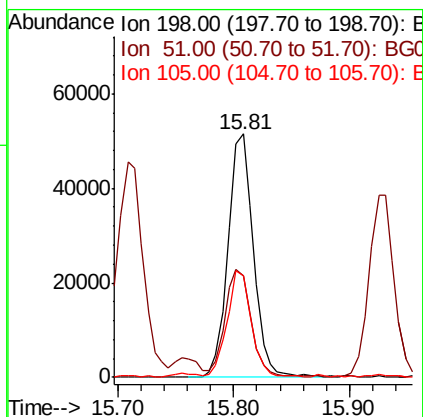
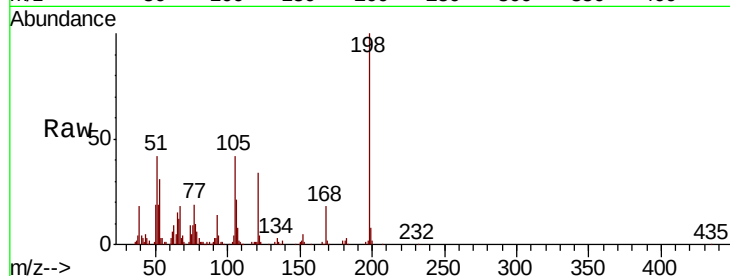




#65
4,6-Dinitro-2-methylphenol
Concen: 36.754 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

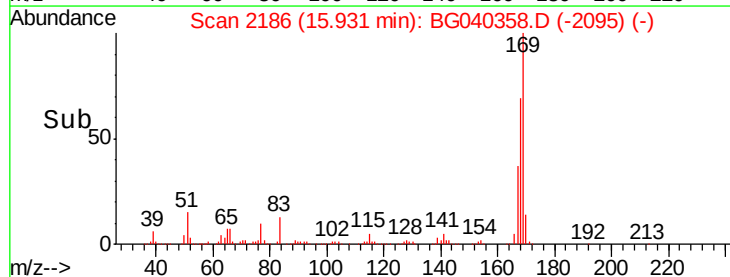
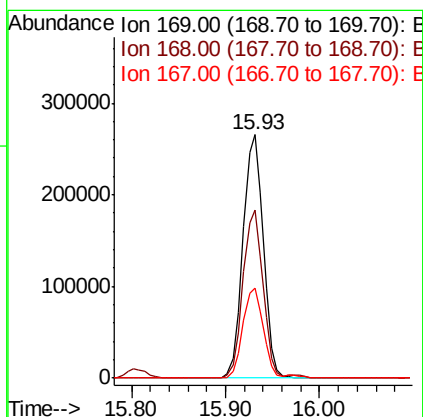
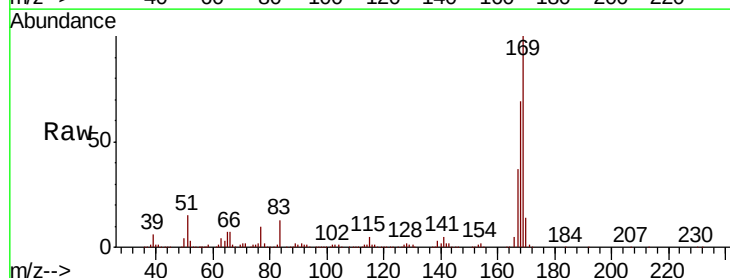
Instrument :
BNA_G
ClientSampleId :

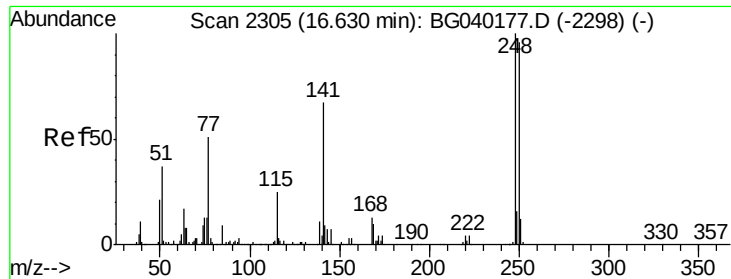
Tot Ion:198 Resp: 78686
Ion Ratio Lower Upper
198 100
51 41.9 27.3 67.3
105 41.7 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 35.645 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:169 Resp: 397477
Ion Ratio Lower Upper
169 100
168 68.8 53.9 80.9
167 37.0 30.8 46.2

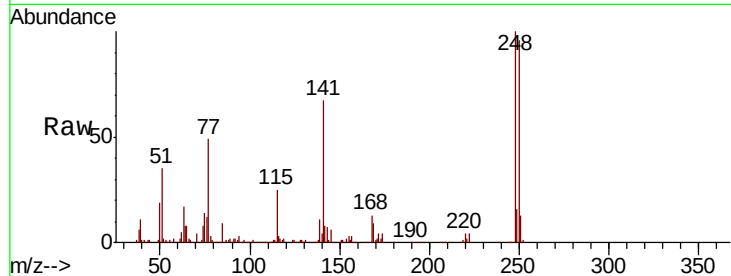




#67
 4-Bromophenyl-phenylether
 Concen: 33.975 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.5	116.3
141	66.6	54.8	82.2

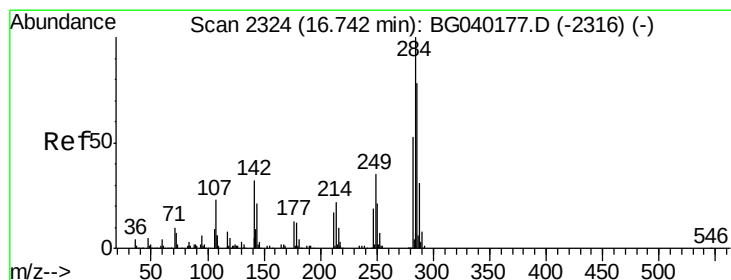
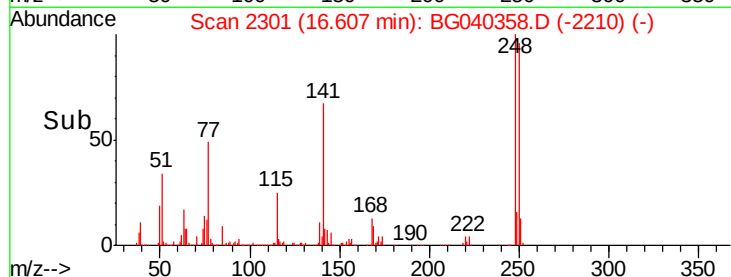
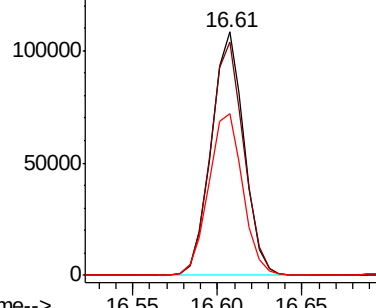


Abundance

Ion 248.00 (247.70 to 248.70): E

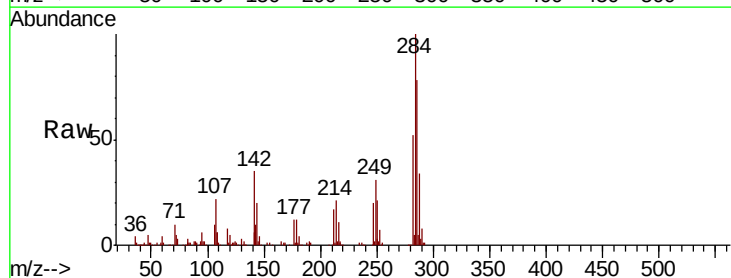
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.628 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG040358.D
 Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.6	42.8
249	31.4	27.3	40.9

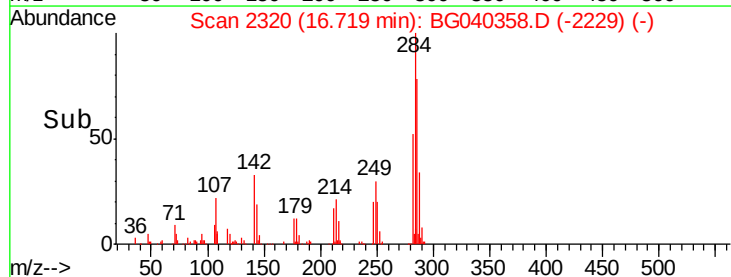
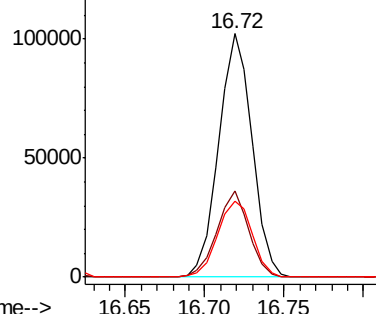


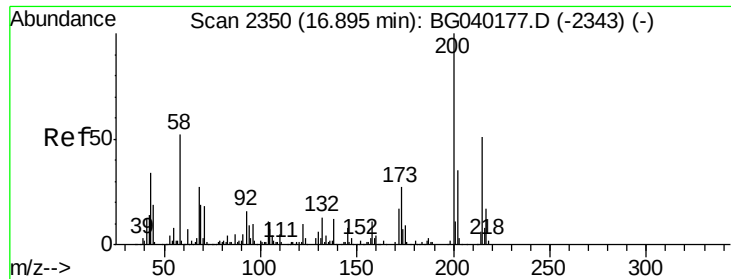
Abundance

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

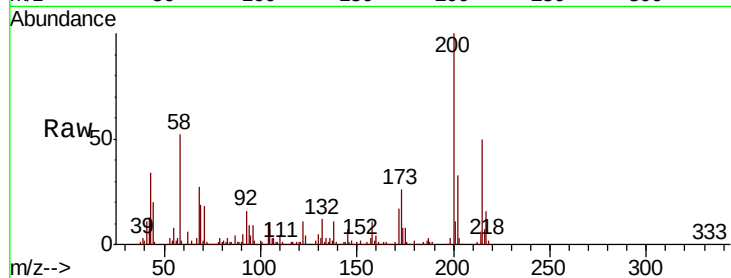




#69
Atrazine
Concen: 35.604 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	5.3	45.3
215	49.5	29.6	69.6

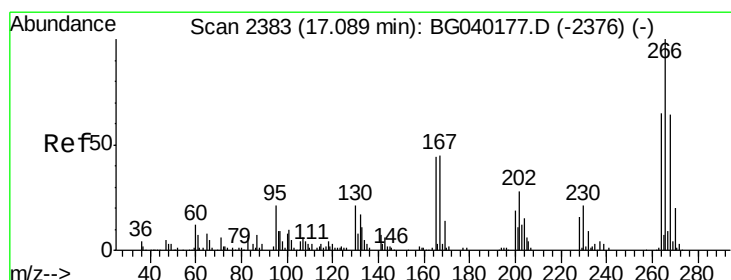
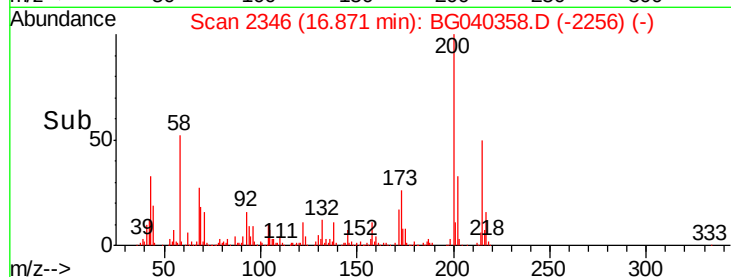
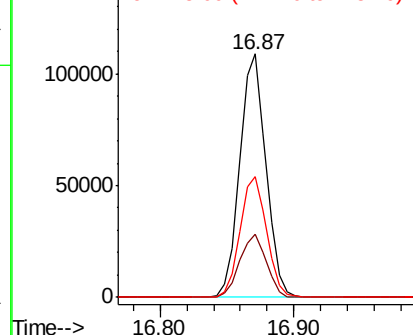


Abundance

Ion 200.00 (199.70 to 200.70): E

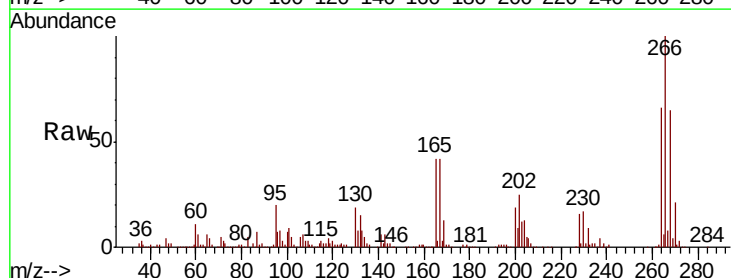
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.738 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	66.2	51.6	77.4

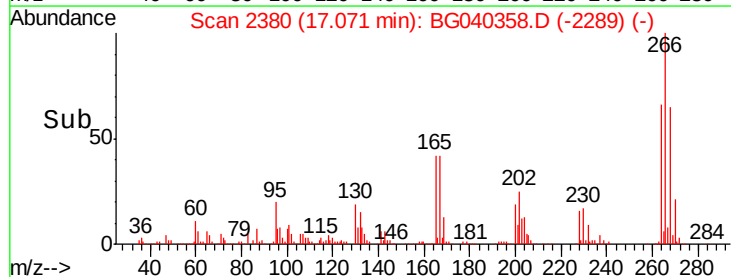
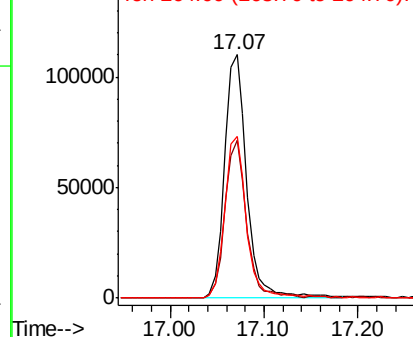


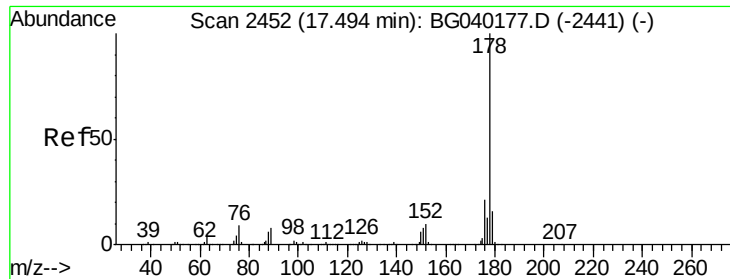
Abundance

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

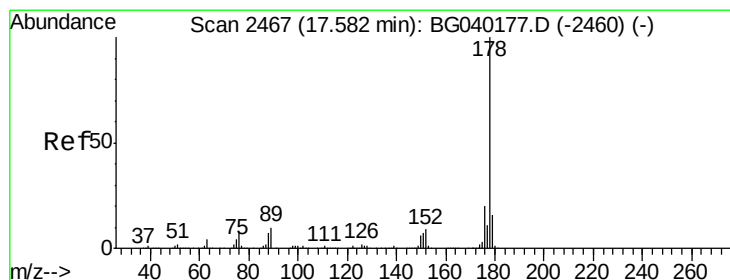
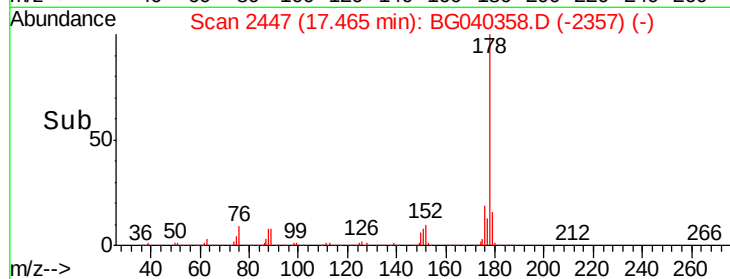
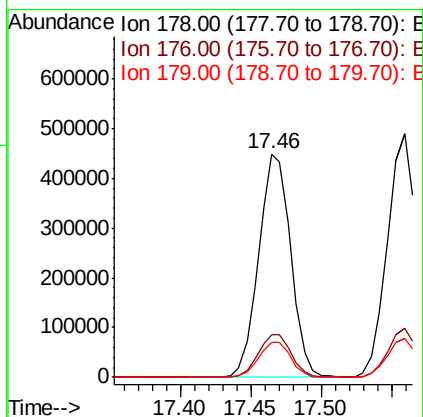
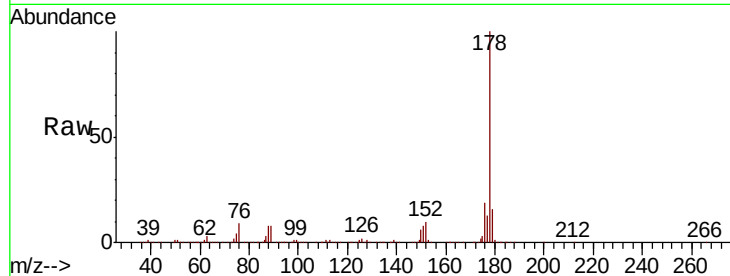




#71
Phenanthrene
Concen: 35.746 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

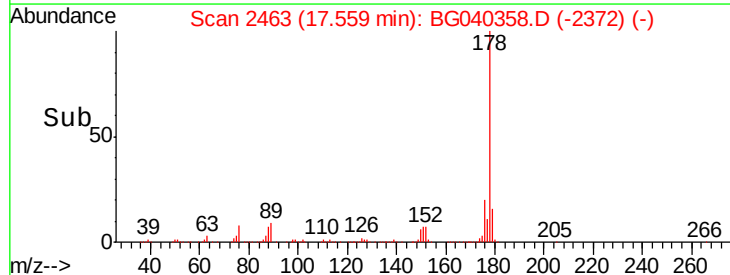
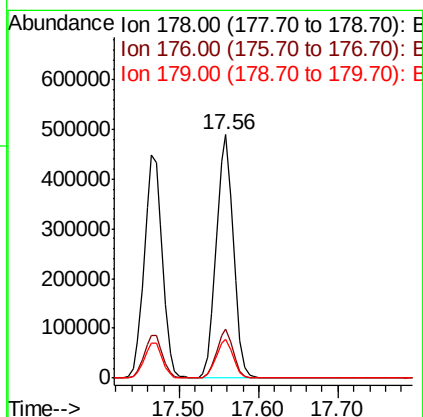
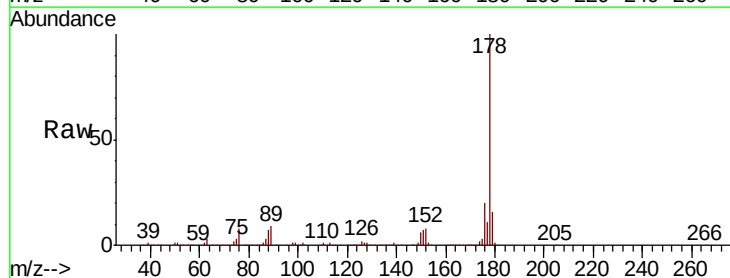
Instrument :
BNA_G
ClientSampleId :

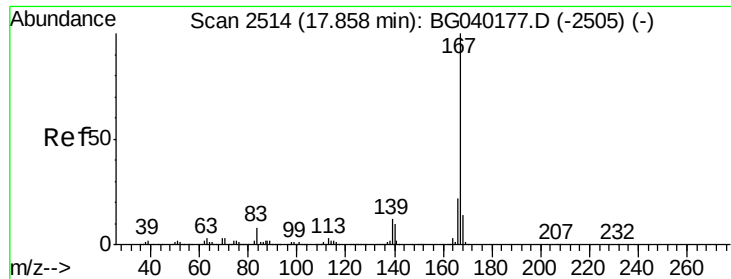
Tot Ion:178 Resp: 715982
Ion Ratio Lower Upper
178 100
176 19.4 16.8 25.2
179 15.9 13.5 20.3



#72
Anthracene
Concen: 36.318 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:178 Resp: 728094
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.9 13.3 19.9





#73

Carbazole

Concen: 37.764 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampled :

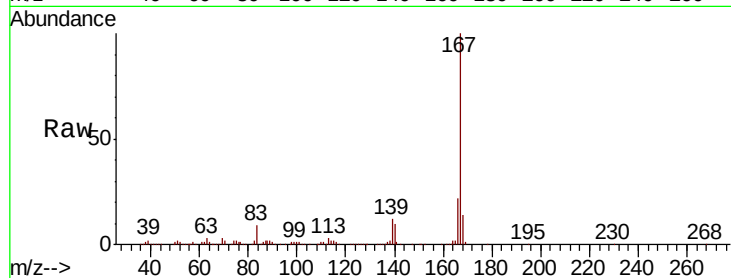
Tot Ion:167 Resp: 716499

Ion Ratio Lower Upper

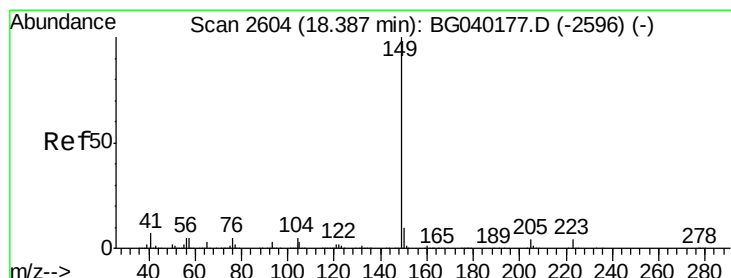
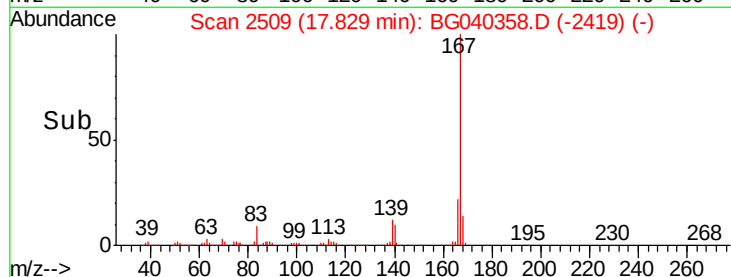
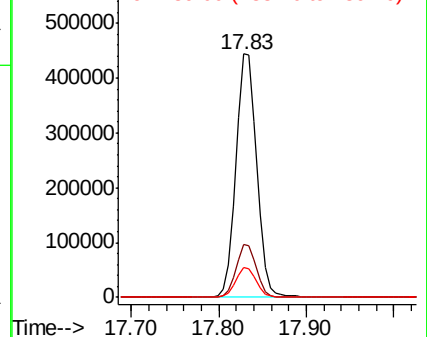
167 100

166 21.5 18.2 27.4

139 12.3 9.7 14.5



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



#74

Di-n-butylphthalate

Concen: 36.588 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

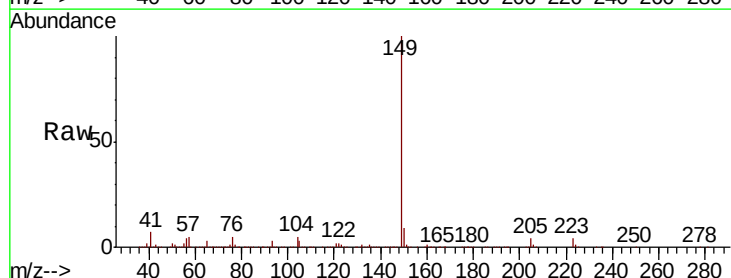
Tgt Ion:149 Resp: 822856

Ion Ratio Lower Upper

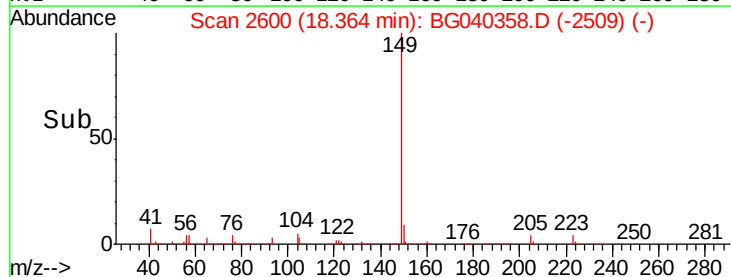
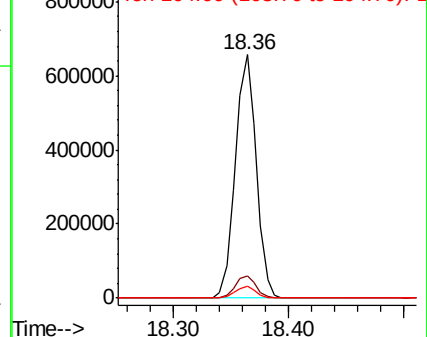
149 100

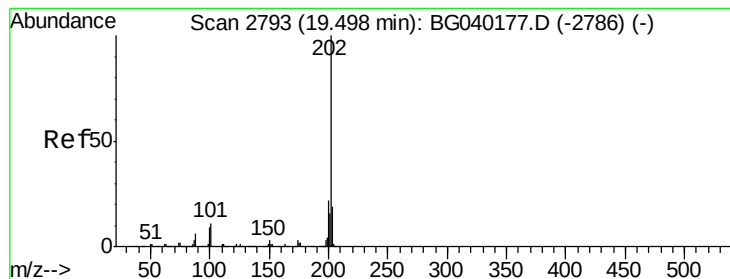
150 9.3 8.0 12.0

104 4.9 4.4 6.6



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: 38.111 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

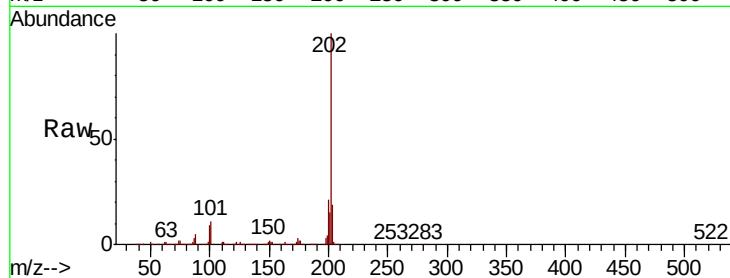
Tot Ion:202 Resp: 903887

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.7

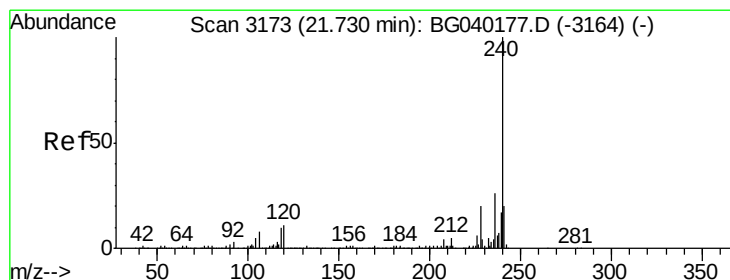
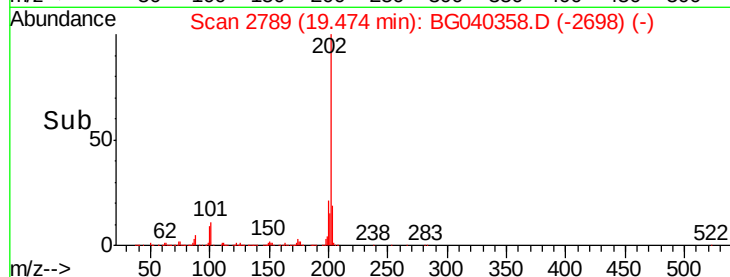
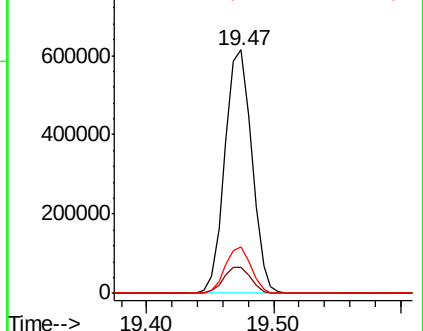
203 18.8 0.0 39.6



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

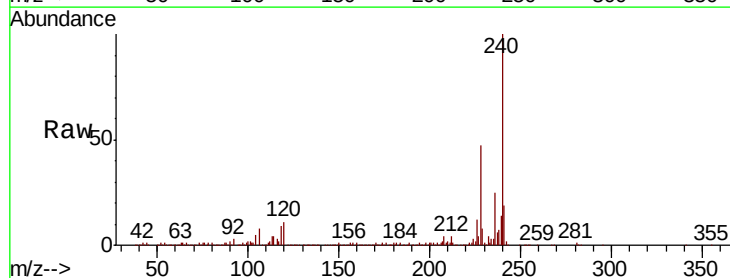
Tgt Ion:240 Resp: 419058

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.2

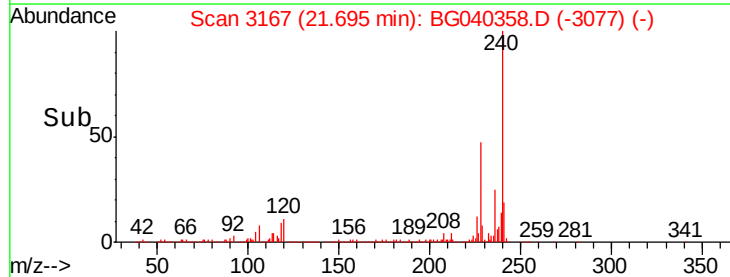
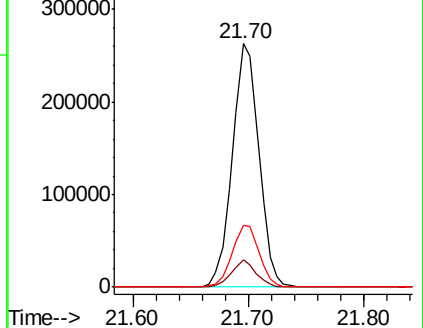
236 25.4 21.7 32.5

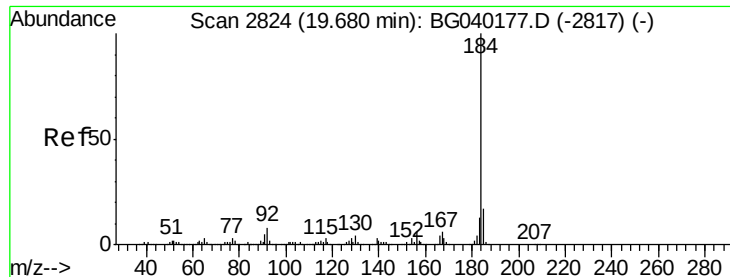


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.715 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

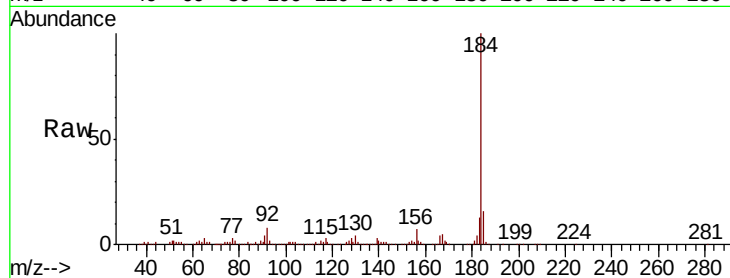
Tot Ion:184 Resp: 283204

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.4

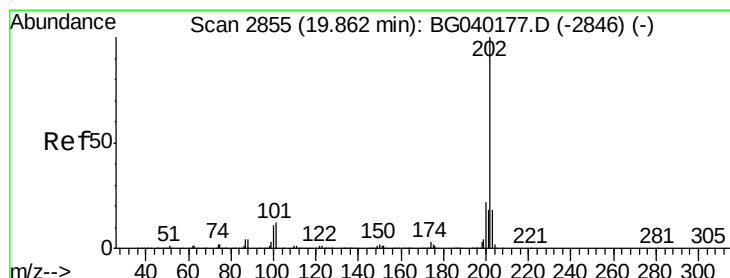
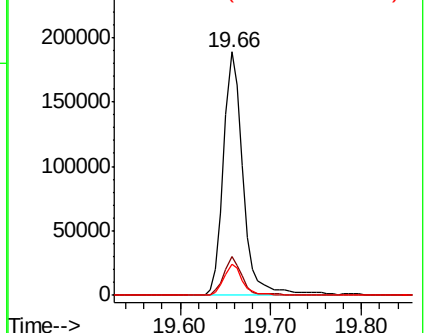
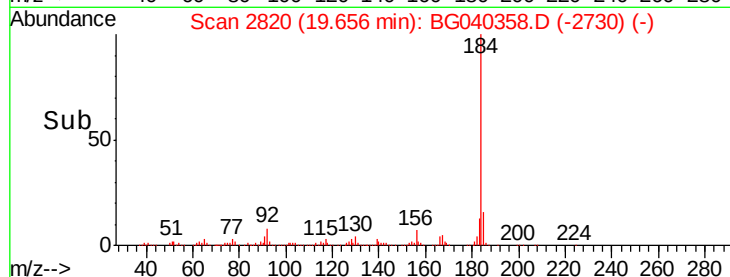
183 12.8 10.2 15.4



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: 33.173 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

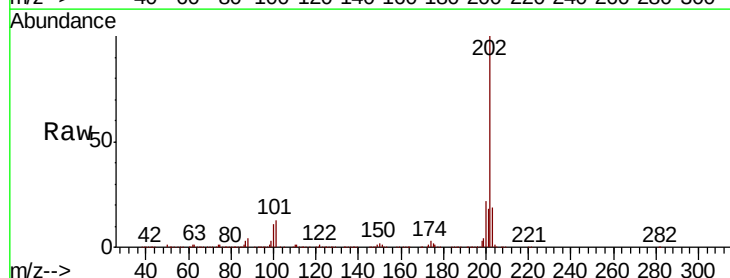
Tgt Ion:202 Resp: 914161

Ion Ratio Lower Upper

202 100

200 21.6 18.7 28.1

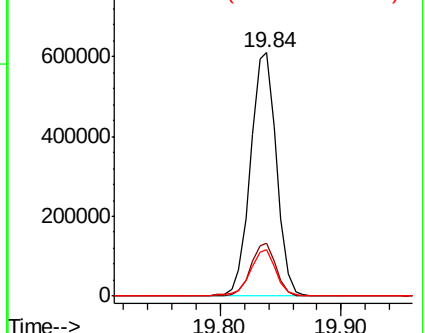
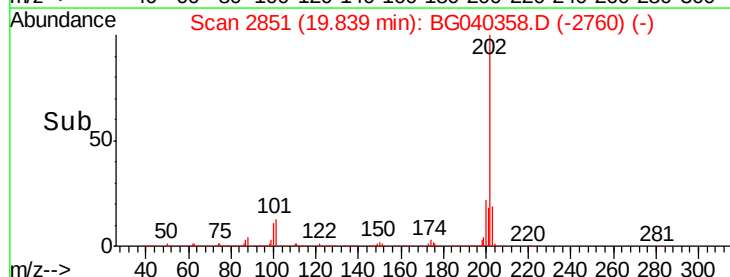
203 19.1 15.9 23.9

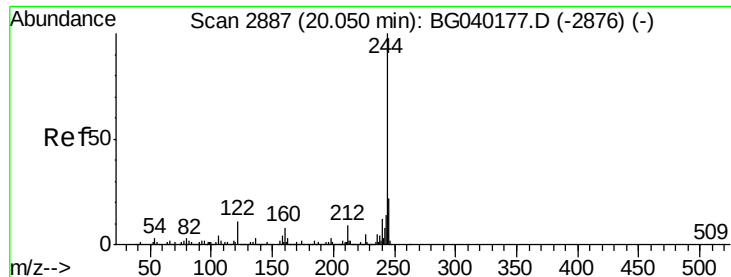


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.146 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

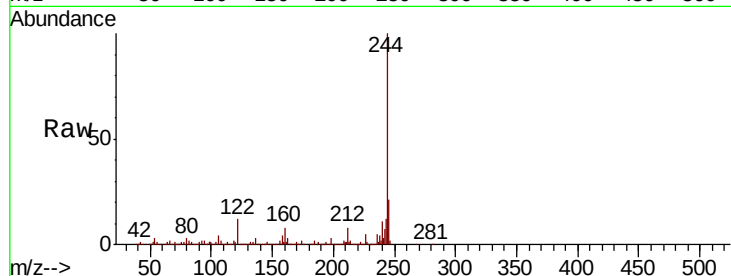
Tot Ion:244 Resp: 1157635

Ion Ratio Lower Upper

244 100

212 8.2 7.5 11.3

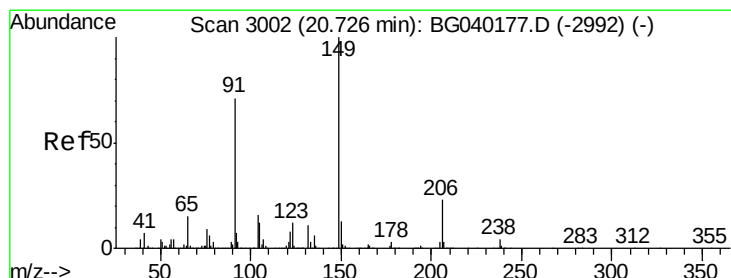
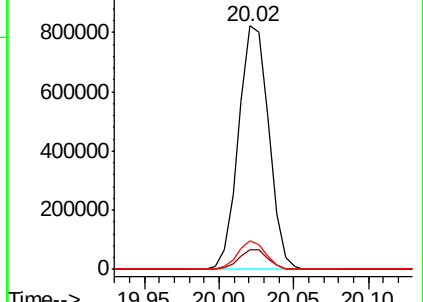
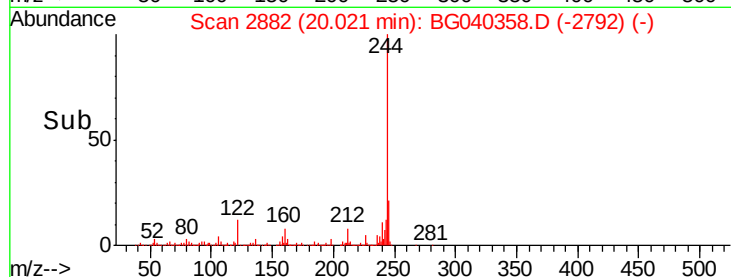
122 11.6 9.5 14.3



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: 34.862 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

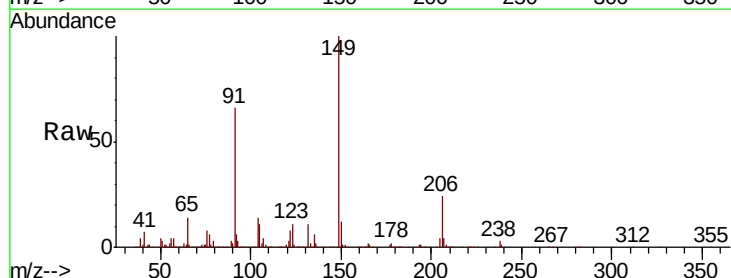
Tgt Ion:149 Resp: 411109

Ion Ratio Lower Upper

149 100

91 66.1 53.4 80.2

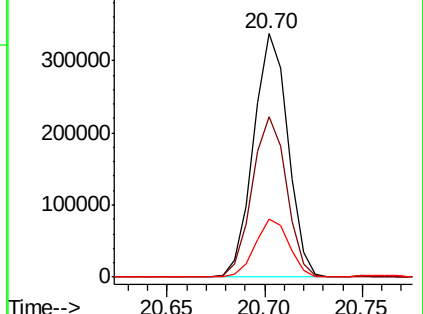
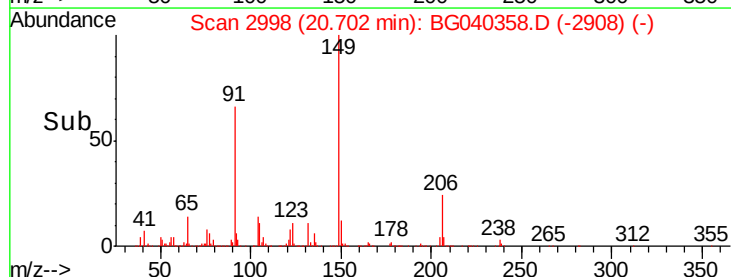
206 23.9 19.8 29.6

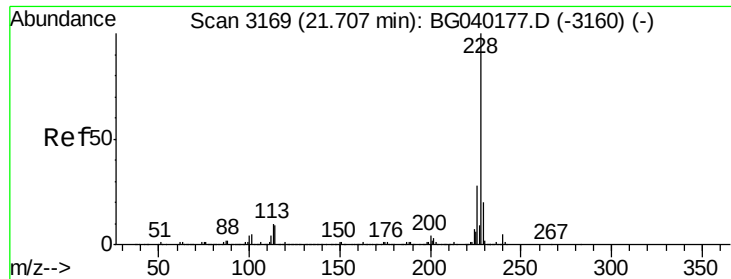


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.307 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

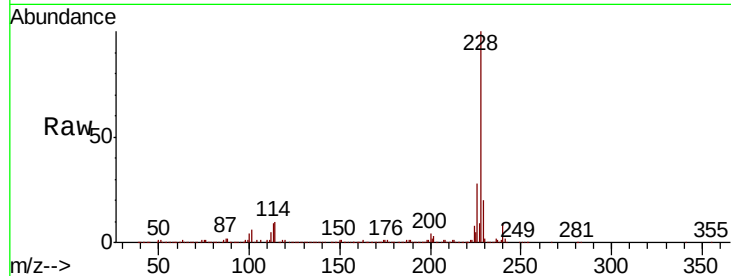
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 859719

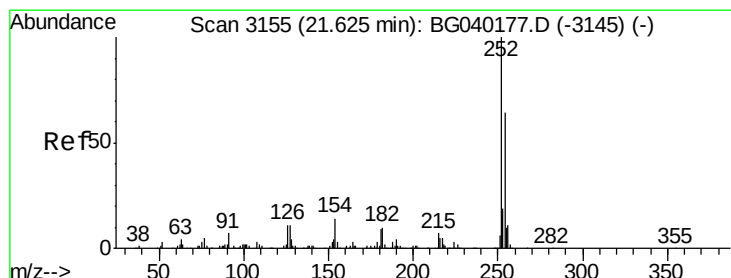
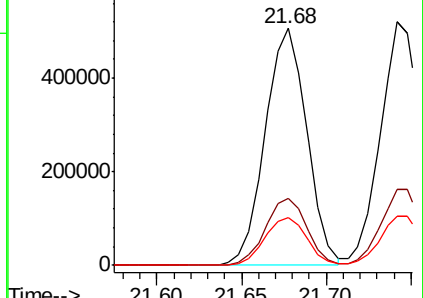
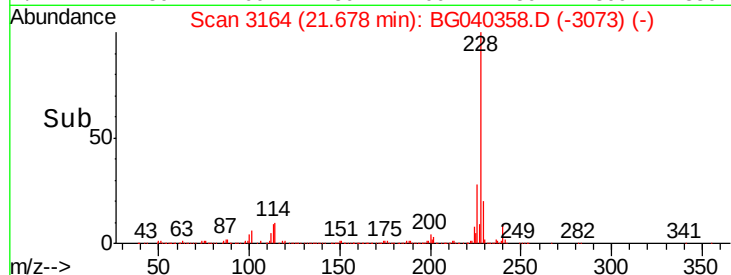
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	20.3	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.557 ng

RT: 21.59 min Scan# 3149

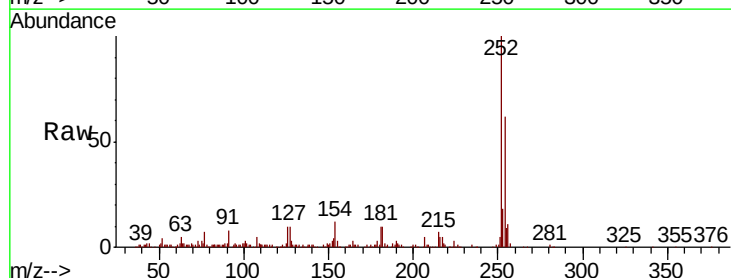
Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Tgt Ion:252 Resp: 142933

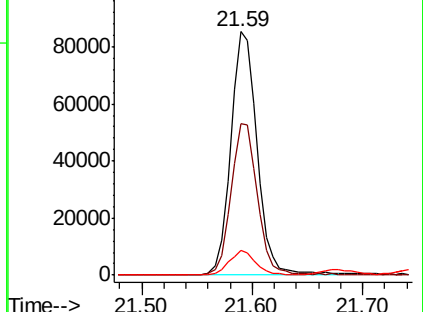
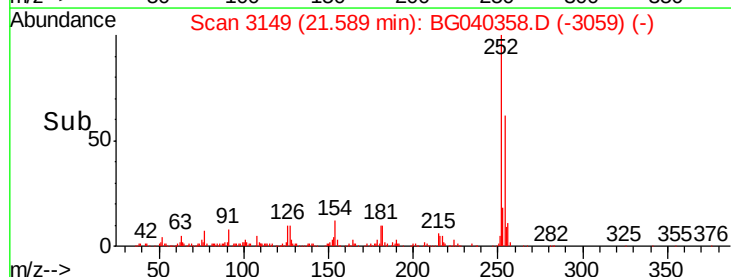
Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.4	77.2
126	10.2	8.5	12.7

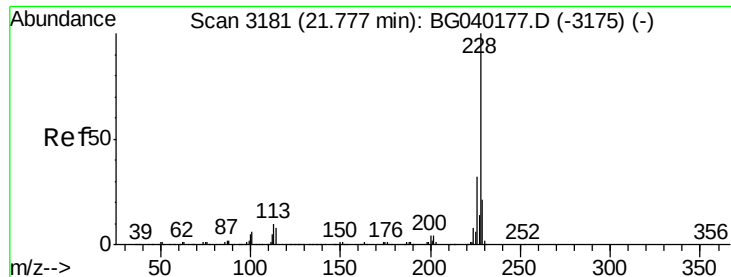


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.713 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

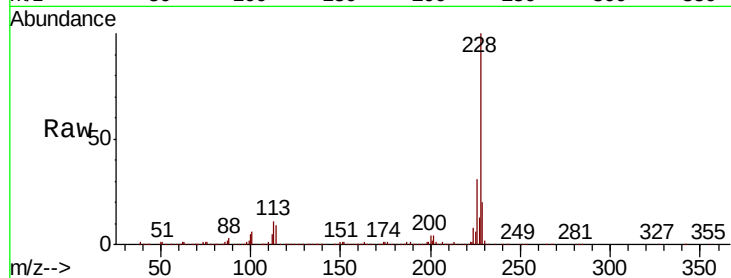
Tot Ion:228 Resp: 861112

Ion Ratio Lower Upper

228 100

226 31.2 26.6 39.8

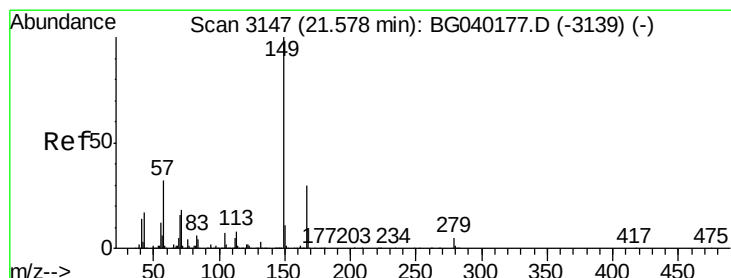
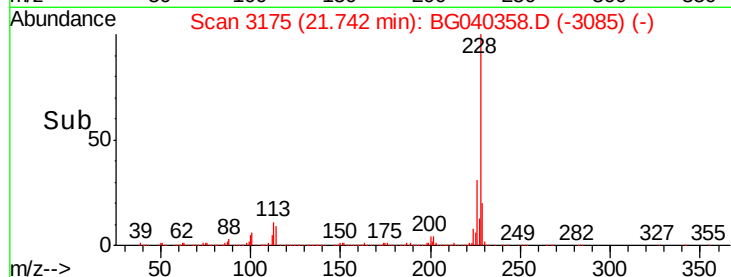
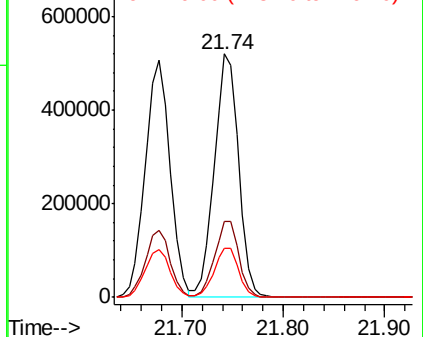
229 20.4 17.0 25.4



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: 34.737 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

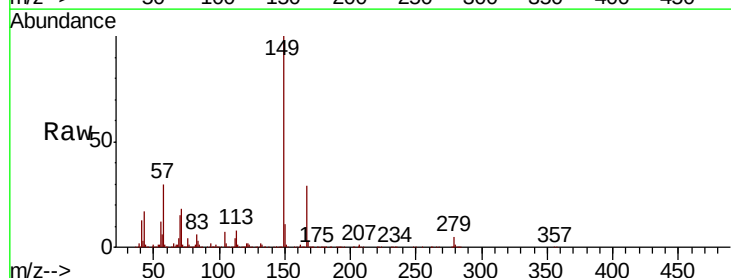
Tgt Ion:149 Resp: 585551

Ion Ratio Lower Upper

149 100

167 29.3 23.9 35.9

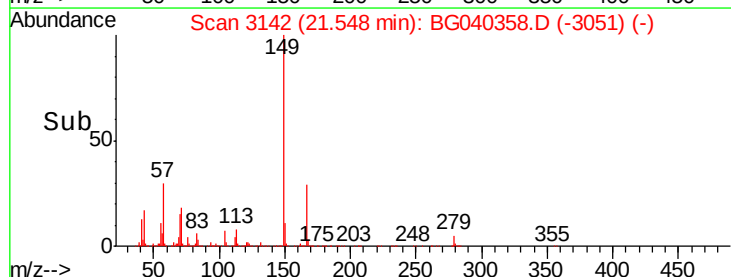
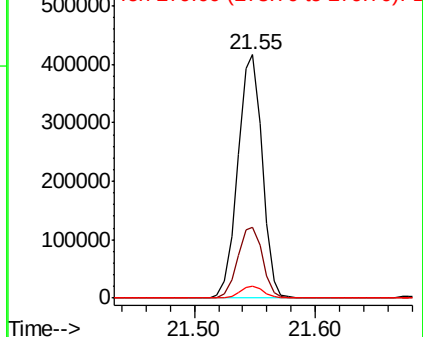
279 4.9 3.8 5.8

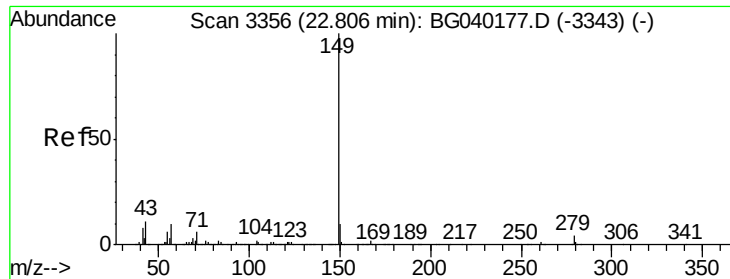


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

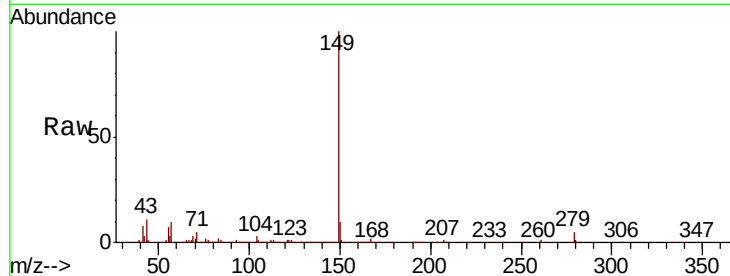




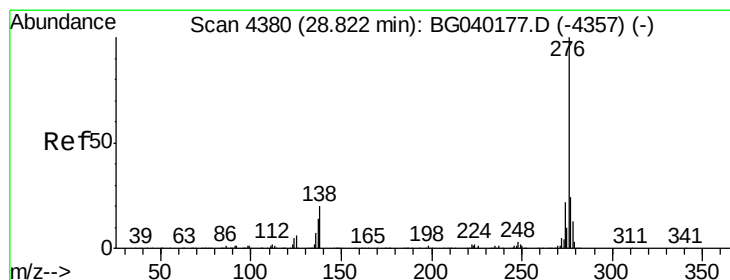
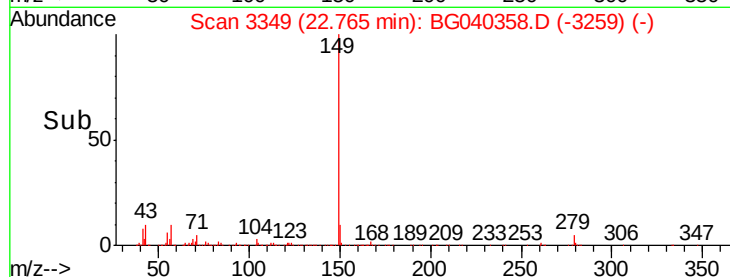
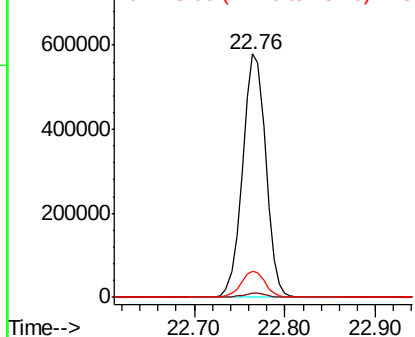
#85
Di-n-octyl phthalate
Concen: 35.579 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1021824
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.6 8.6 12.8

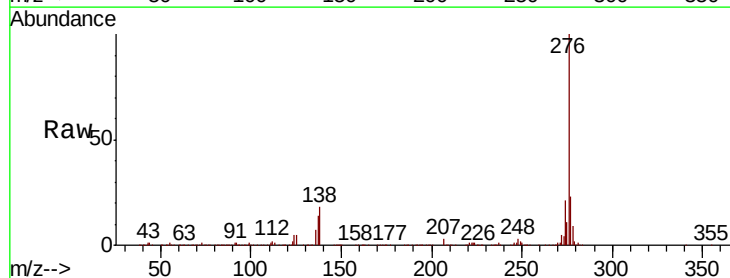


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

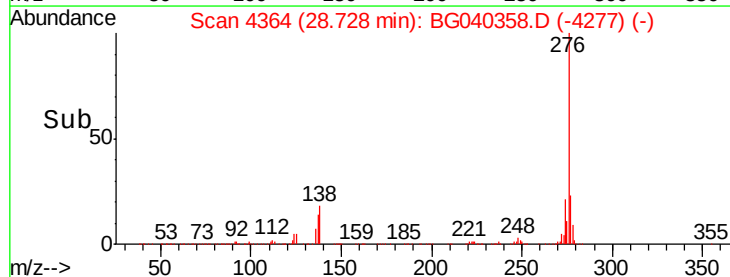
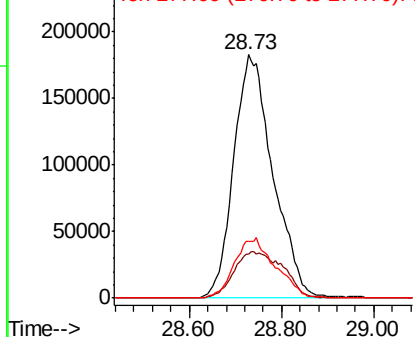


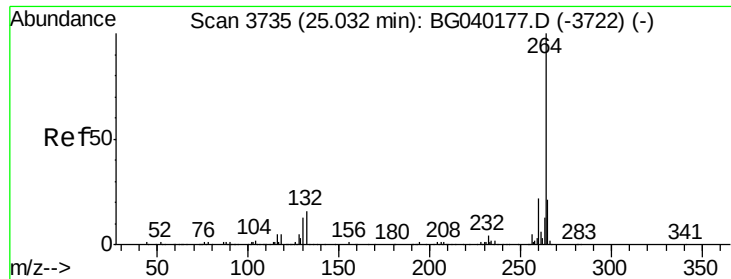
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.648 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:276 Resp: 1081569
Ion Ratio Lower Upper
276 100
138 23.8 19.0 28.4
277 25.8 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

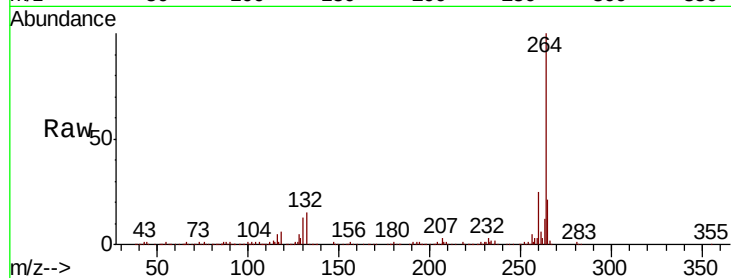
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 440165

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.1	16.6	25.0

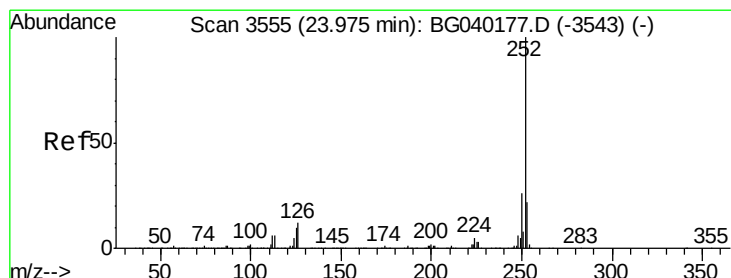
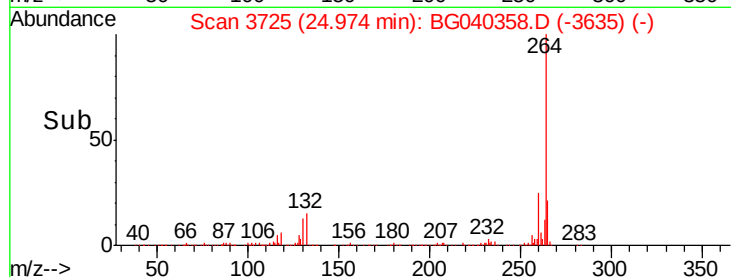
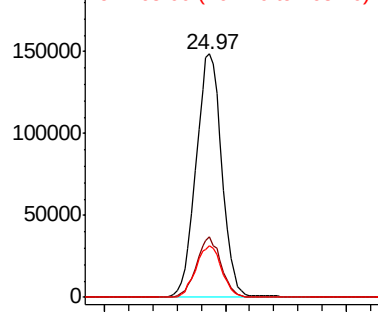


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.668 ng

RT: 23.93 min Scan# 3547

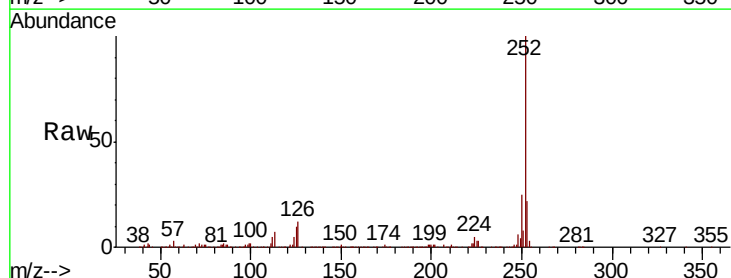
Delta R.T. 0.00 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Tgt Ion:252 Resp: 934268

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	9.8	7.8	11.8

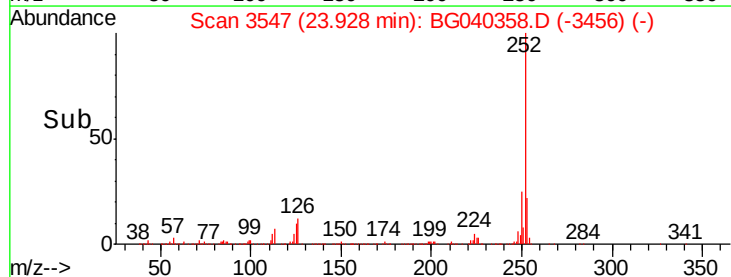
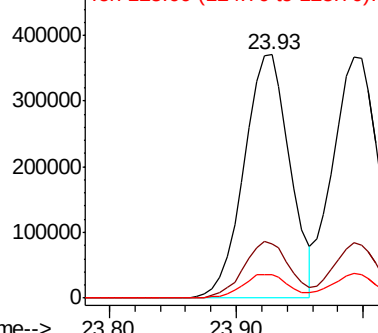


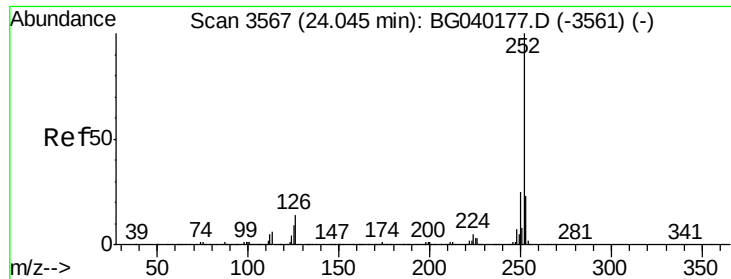
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.978 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

Instrument :

BNA_G

ClientSampleId :

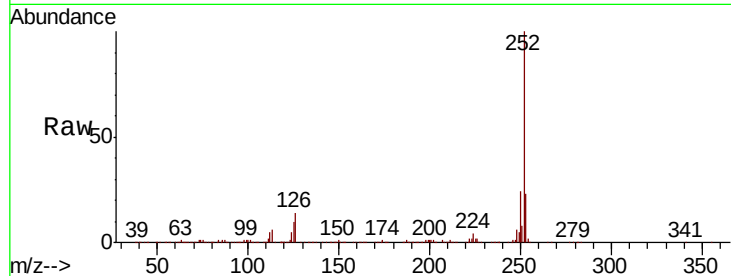
Tot Ion:252 Resp: 916401

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

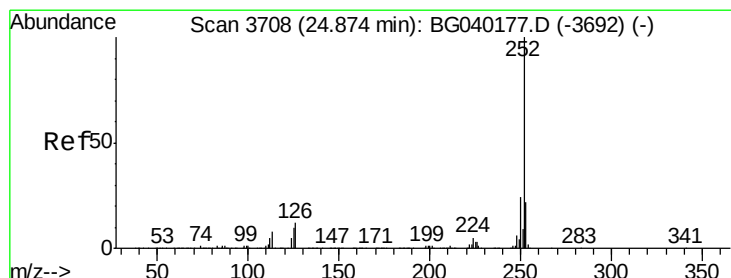
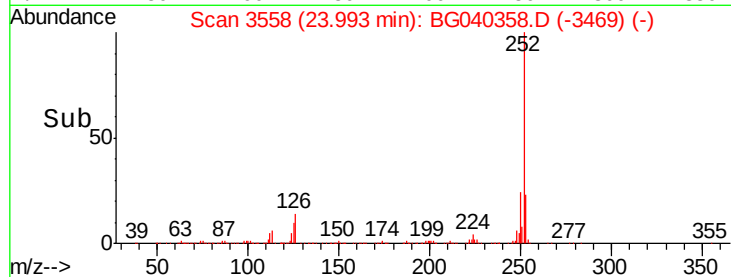
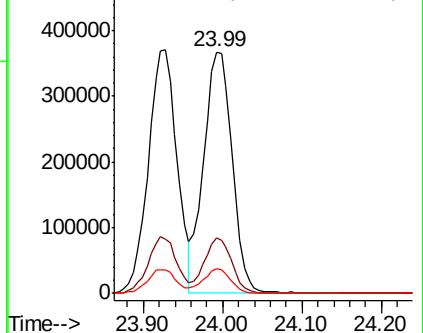
125 10.3 7.5 11.3



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: 36.475 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG040358.D

Acq: 4 Apr 2019 13:15

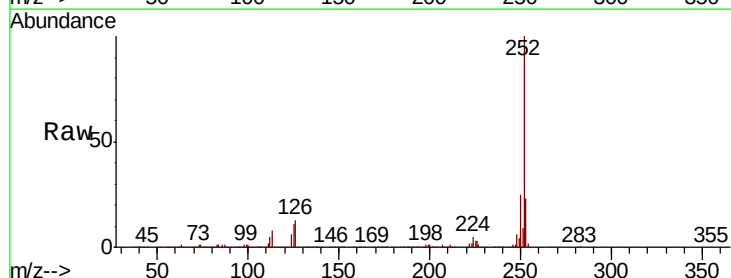
Tgt Ion:252 Resp: 922263

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

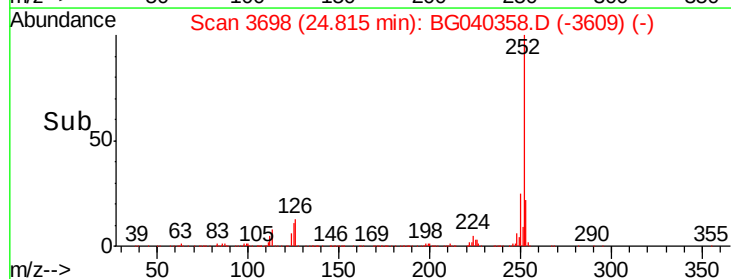
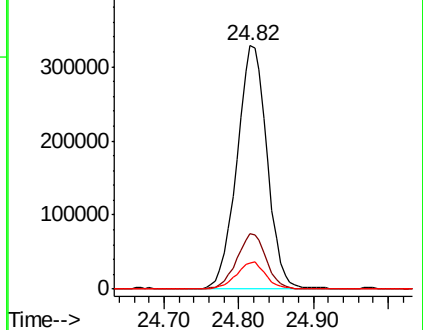
125 10.9 8.6 13.0

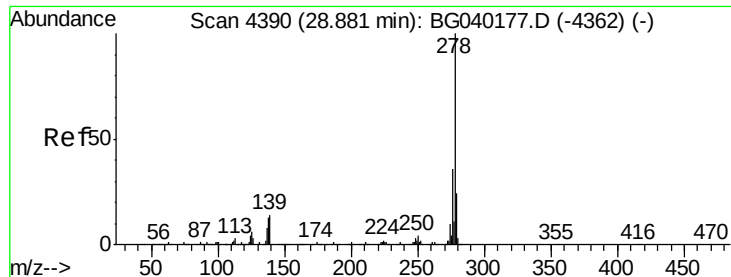


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

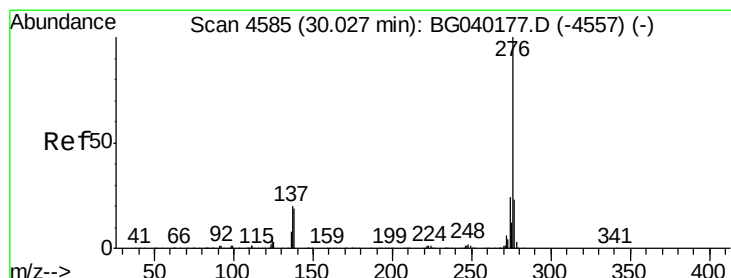
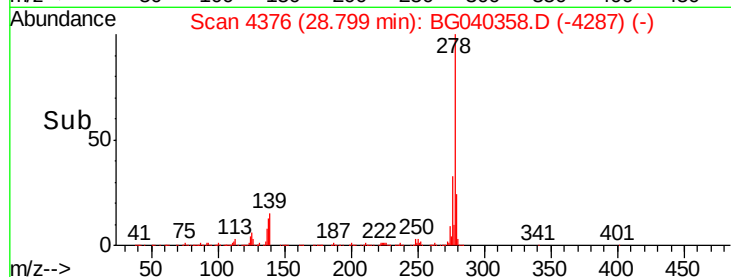
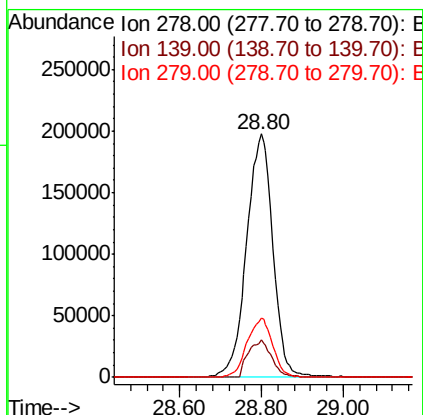
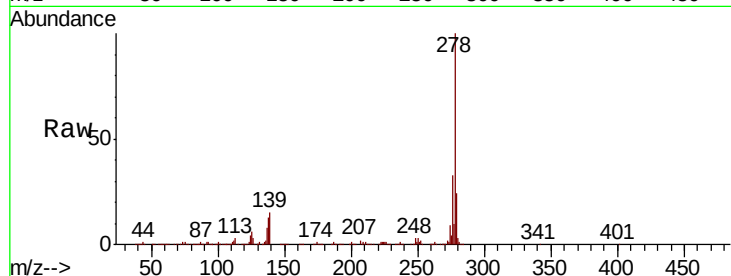




#91
Dibenzo(a,h)anthracene
Concen: 37.562 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 882082
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.8
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.676 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.00 min
Lab File: BG040358.D
Acq: 4 Apr 2019 13:15

Tgt Ion:276 Resp: 909262
Ion Ratio Lower Upper
276 100
277 24.5 19.1 28.7
138 20.0 16.9 25.3

