

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040212.D
 Acq On : 28 Mar 2019 23:44
 Operator : JU/SJ
 Sample : PB118375BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Quant Time: Mar 29 05:48:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69618	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	280629	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	178809	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	458360	20.00	ng	0.00
76) Chrysene-d12	21.73	240	441867	20.00	ng	0.00
87) Perylene-d12	25.03	264	436726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	589398	140.74	ng	0.00
7) Phenol-d6	7.23	99	803836	138.89	ng	0.00
23) Nitrobenzene-d5	9.24	82	475101	89.99	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	304229	157.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1079525	89.46	ng	0.00
79) Terphenyl-d14	20.04	244	1661916	84.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	59365	30.147	ng	97
3) Pyridine	3.92	79	164770	31.078	ng	99
4) n-Nitrosodimethylamine	3.84	42	89474	36.483	ng	# 93
6) Aniline	7.40	93	236287	31.424	ng	96
8) 2-Chlorophenol	7.63	128	199209	40.637	ng	96
9) Benzaldehyde	7.21	77	98054	24.699	ng	93
10) Phenol	7.25	94	263023	41.870	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	188944	37.553	ng	97
12) 1,3-Dichlorobenzene	7.96	146	204347	38.346	ng	98
13) 1,4-Dichlorobenzene	8.11	146	209887	39.545	ng	97
14) 1,2-Dichlorobenzene	8.42	146	195547	38.527	ng	98
15) Benzyl Alcohol	8.31	79	183412	39.350	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	355056	36.769	ng	98
17) 2-Methylphenol	8.50	107	181233	41.692	ng	97
18) Hexachloroethane	9.14	117	76491	37.888	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	152908	36.849	ng	98
20) 3+4-Methylphenols	8.83	107	246171	41.803	ng	100
22) Acetophenone	8.90	105	300957	42.992	ng	98
24) Nitrobenzene	9.29	77	225908	41.321	ng	99
25) Isophorone	9.80	82	447485	41.193	ng	98
26) 2-Nitrophenol	10.00	139	109359	42.214	ng	98
27) 2,4-Dimethylphenol	10.04	122	199554	48.495	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	261867	40.745	ng	98
29) 2,4-Dichlorophenol	10.53	162	206634	46.263	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	207835	42.377	ng	98
31) Naphthalene	10.94	128	612171	42.558	ng	98
32) Benzoic acid	10.20	122	103722	41.719	ng	98
33) 4-Chloroaniline	11.05	127	115077	18.755	ng	96
34) Hexachlorobutadiene	11.20	225	126318	40.273	ng	97
35) Caprolactam	11.84	113	44125	24.894	ng	97
36) 4-Chloro-3-methylphenol	12.16	107	236984	46.153	ng	99
37) 2-Methylnaphthalene	12.54	142	461974	43.425	ng	99
38) 1-Methylnaphthalene	12.75	142	442328	42.878	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	234549	41.271	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040212.D
 Acq On : 28 Mar 2019 23:44
 Operator : JU/SJ
 Sample : PB118375BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Quant Time: Mar 29 05:48:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	292487	93.732	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	169096	46.149	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	182106	45.597	ng	97
46) 1,1'-Biphenyl	13.53	154	595517	42.151	ng	99
47) 2-Chloronaphthalene	13.59	162	465439	42.948	ng	99
48) 2-Nitroaniline	13.80	65	161264	44.115	ng	99
49) Acenaphthylene	14.43	152	778627	42.376	ng	99
50) Dimethylphthalate	14.15	163	627887	44.867	ng	99
51) 2,6-Dinitrotoluene	14.29	165	144876	46.106	ng	95
52) Acenaphthene	14.77	154	454958	43.211	ng	99
53) 3-Nitroaniline	14.62	138	87845	26.411	ng	# 87
54) 2,4-Dinitrophenol	14.83	184	174137	104.205	ng	92
55) Dibenzofuran	15.10	168	743496	43.946	ng	98
56) 4-Nitrophenol	14.92	139	253701	94.507	ng	98
57) 2,4-Dinitrotoluene	15.07	165	207139	47.442	ng	98
58) Fluorene	15.75	166	589132	44.291	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	174815	48.236	ng	100
60) Diethylphthalate	15.51	149	657009	45.880	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	318169	44.750	ng	97
62) 4-Nitroaniline	15.78	138	163347	45.762	ng	99
63) Azobenzene	16.03	77	598241	44.289	ng	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	126151	48.988	ng	96
66) n-Nitrosodiphenylamine	15.95	169	558844	41.665	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	217057	42.080	ng	99
68) Hexachlorobenzene	16.74	284	221861	42.778	ng	98
69) Atrazine	16.89	200	203786	40.843	ng	96
70) Pentachlorophenol	17.09	266	275339	91.829	ng	95
71) Phenanthrene	17.49	178	1020096	42.341	ng	99
72) Anthracene	17.58	178	1042010	43.211	ng	99
73) Carbazole	17.85	167	989042	43.338	ng	99
74) Di-n-butylphthalate	18.39	149	1160181	42.888	ng	99
75) Fluoranthene	19.50	202	1244381	43.619	ng	99
77) Benzidine	19.68	184	472533	29.614	ng	100
78) Pyrene	19.86	202	1239435	42.654	ng	99
80) Butylbenzylphthalate	20.73	149	544163	43.764	ng	96
81) Benzo(a)anthracene	21.71	228	1170780	43.017	ng	97
82) 3,3'-Dichlorobenzidine	21.62	252	278143	26.865	ng	99
83) Chrysene	21.78	228	1096782	41.931	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	754190	42.432	ng	98
85) Di-n-octyl phthalate	22.81	149	1284682	42.422	ng	100
86) Indeno(1,2,3-cd)pyrene	28.82	276	1390575	43.467	ng	100
88) Benzo(b)fluoranthene	23.97	252	1204546	45.050	ng	99
89) Benzo(k)fluoranthene	24.05	252	1167776	47.492	ng	98
90) Benzo(a)pyrene	24.87	252	1190009	47.435	ng	100
91) Dibenzo(a,h)anthracene	28.89	278	1125904	48.322	ng	100
92) Benzo(g,h,i)perylene	30.02	276	1161914	48.523	ng	100

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

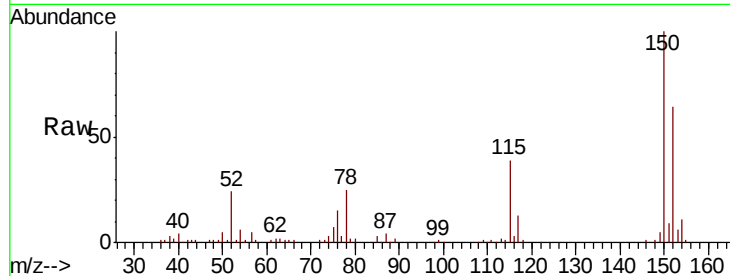


#1

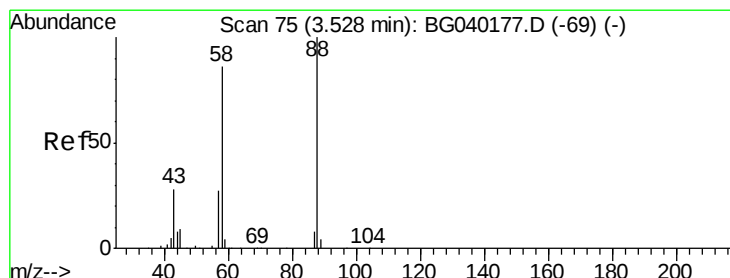
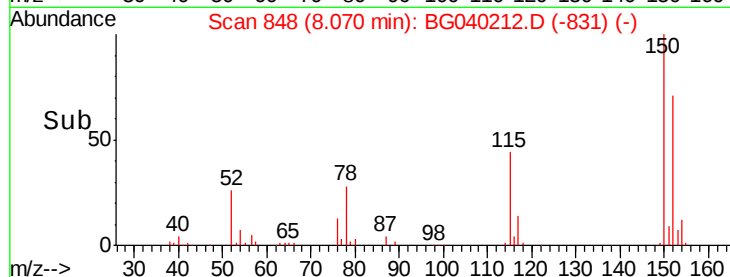
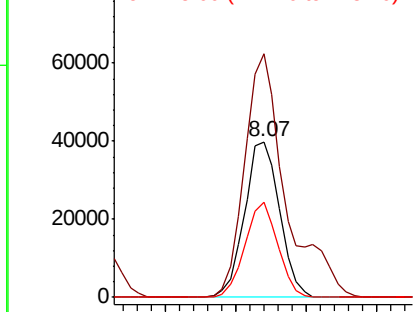
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:152 Resp: 69618
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 61.5 46.9 70.3



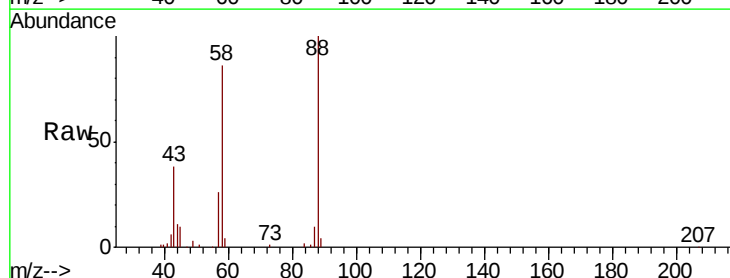
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



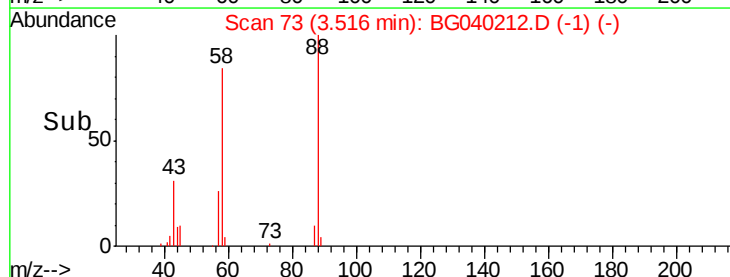
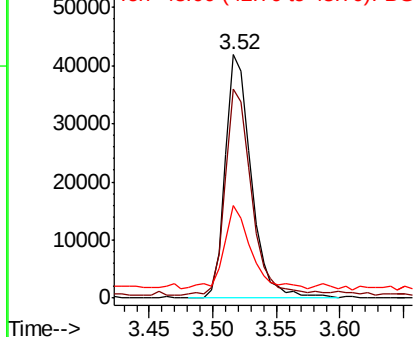
#2

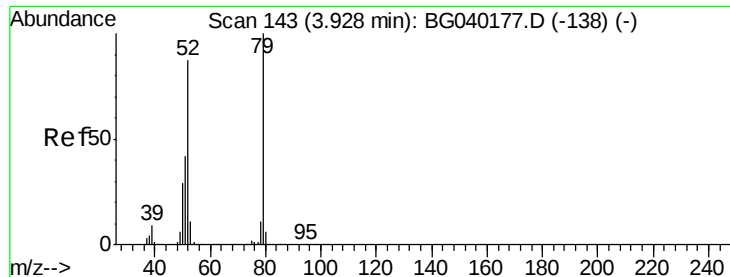
1,4-Dioxane
Concen: 30.147 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion: 88 Resp: 59365
Ion Ratio Lower Upper
88 100
58 86.6 70.6 106.0
43 34.4 24.8 37.2



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





#3

Pyridine

Concen: 31.078 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

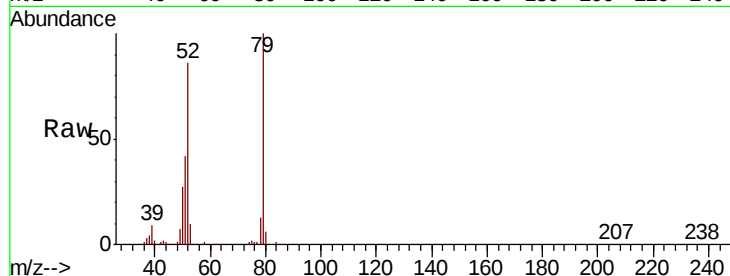
Tgt Ion: 79 Resp: 164770

Ion Ratio Lower Upper

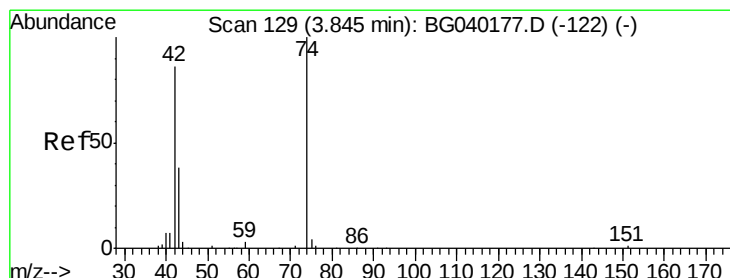
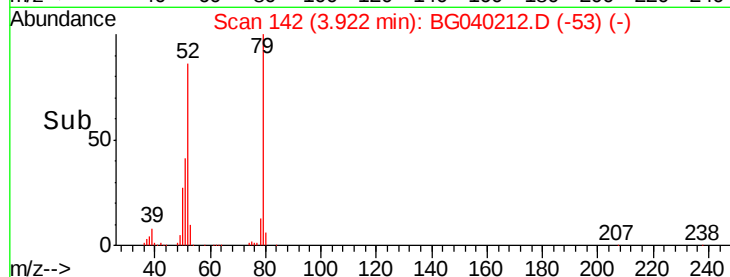
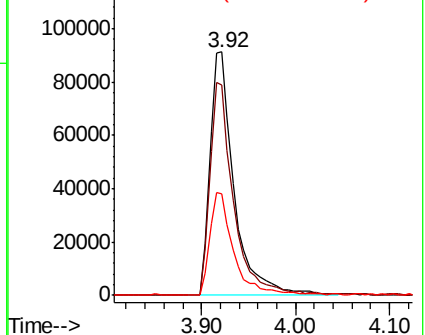
79 100

52 86.5 69.8 104.8

51 41.7 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 36.483 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

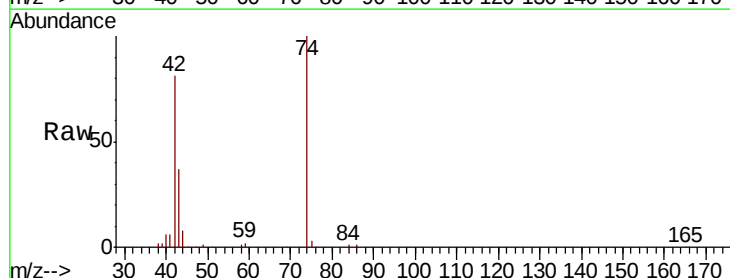
Tgt Ion: 42 Resp: 89474

Ion Ratio Lower Upper

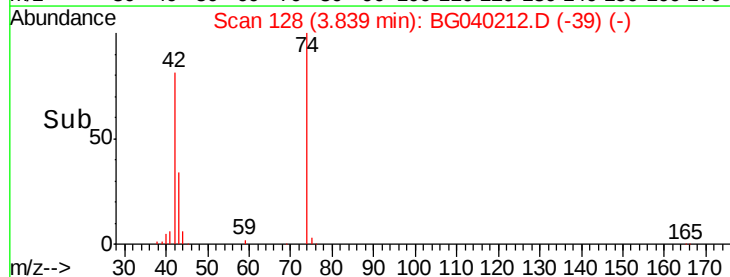
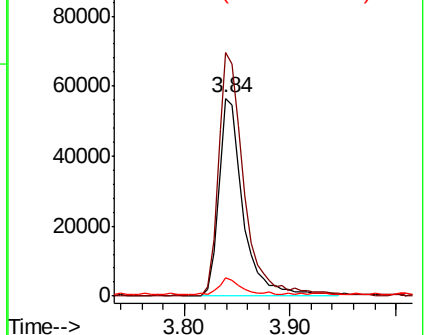
42 100

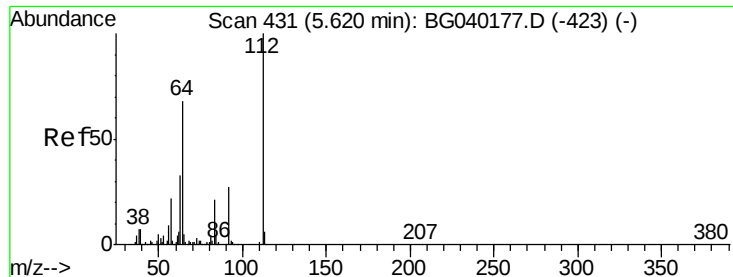
74 123.2 92.9 139.3

44 9.3 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 140.743 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

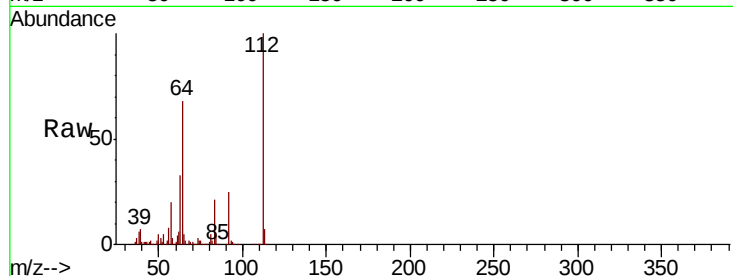
Tgt Ion: 112 Resp: 589398

Ion Ratio Lower Upper

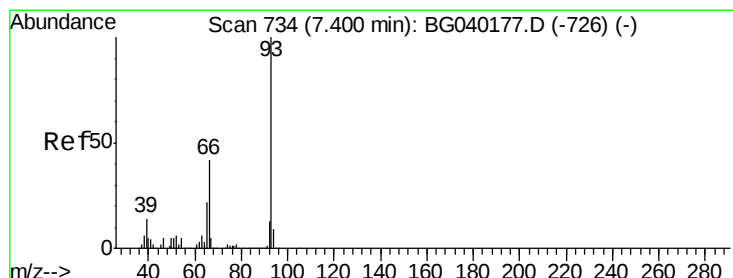
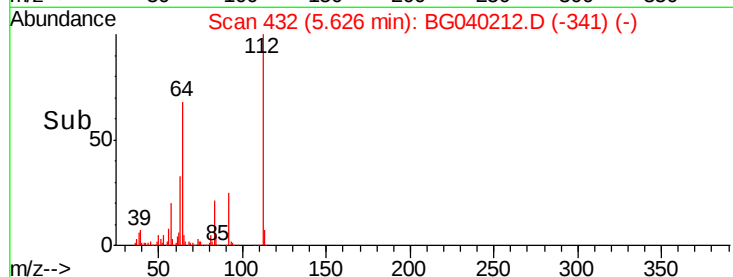
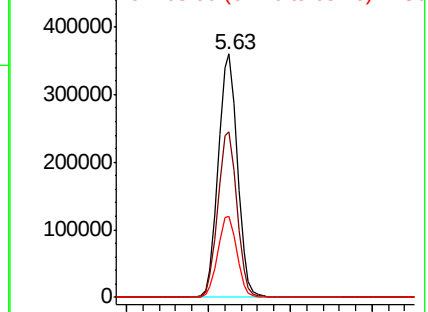
112 100

64 68.1 54.2 81.2

63 33.3 26.4 39.6



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



#6

Aniline

Concen: 31.424 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

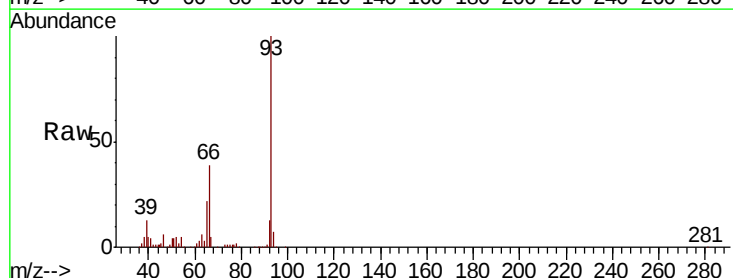
Tgt Ion: 93 Resp: 236287

Ion Ratio Lower Upper

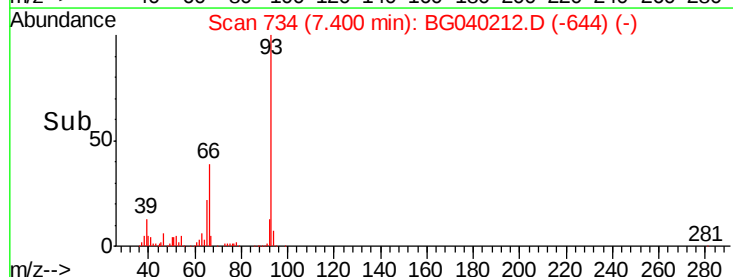
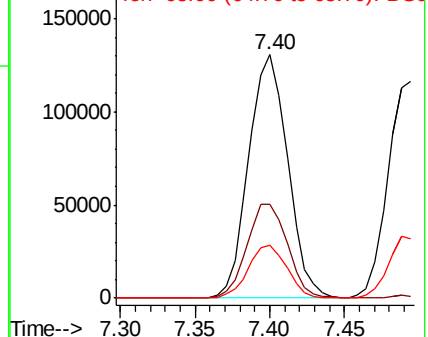
93 100

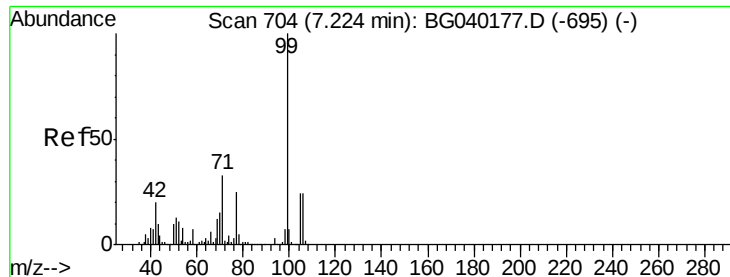
66 38.6 33.6 50.4

65 21.5 17.4 26.2



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





#7

Phenol-d6

Concen: 138.890 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

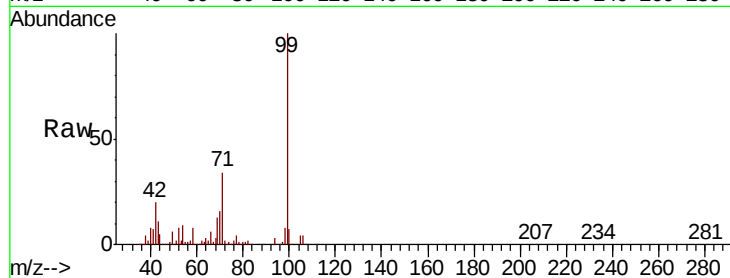
Tgt Ion: 99 Resp: 803836

Ion Ratio Lower Upper

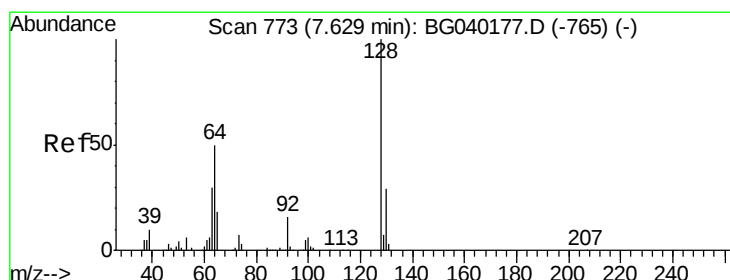
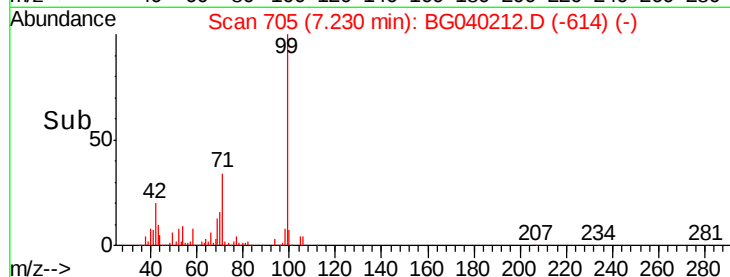
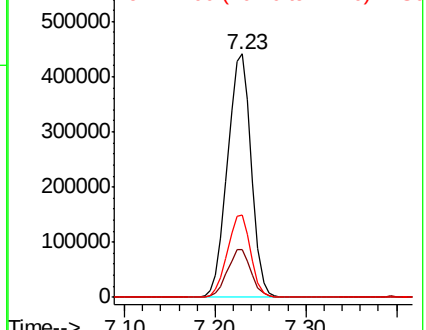
99 100

42 19.8 16.2 24.2

71 34.0 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.637 ng

RT: 7.63 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

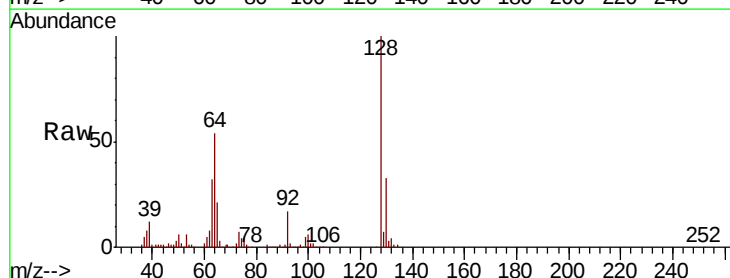
Tgt Ion: 128 Resp: 199209

Ion Ratio Lower Upper

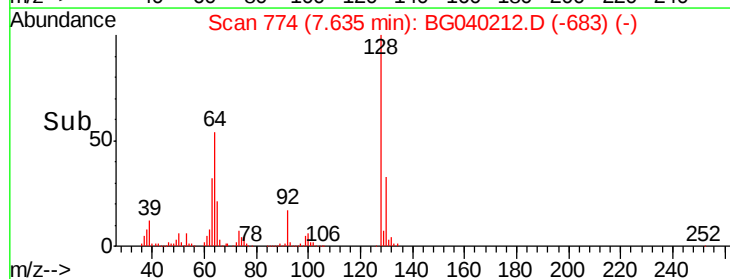
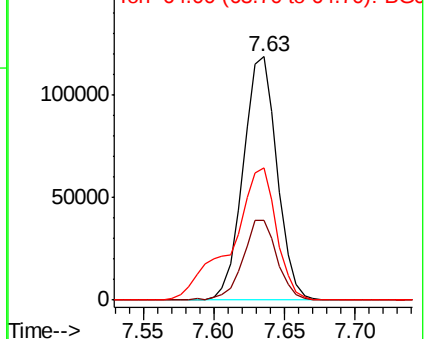
128 100

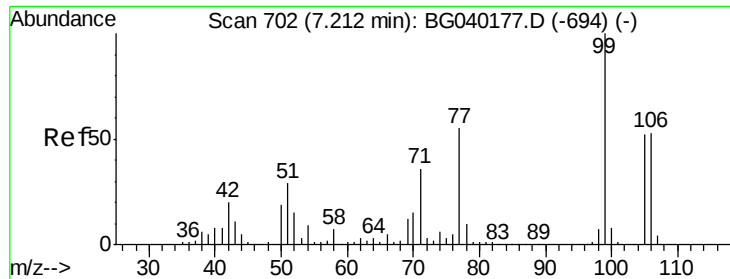
130 33.0 9.1 49.1

64 54.2 33.1 73.1



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





#9

Benzaldehyde

Concen: 24.699 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

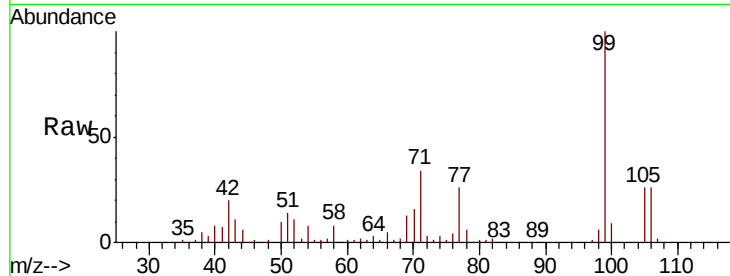
Tgt Ion: 77 Resp: 98054

Ion Ratio Lower Upper

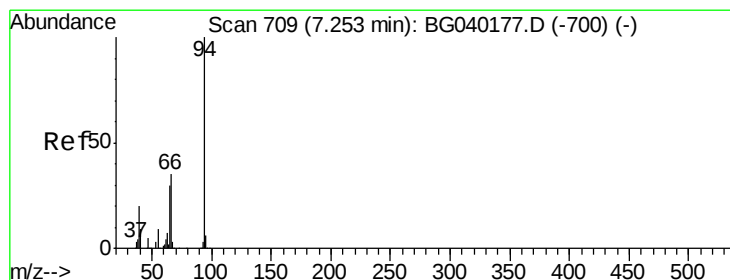
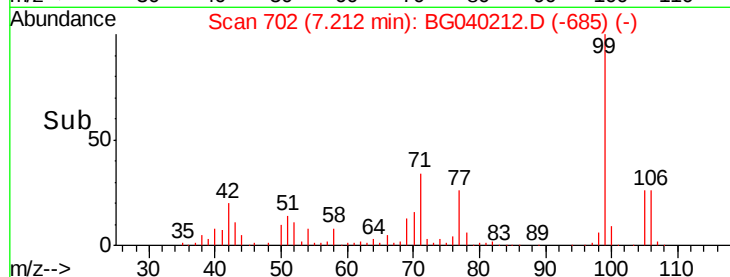
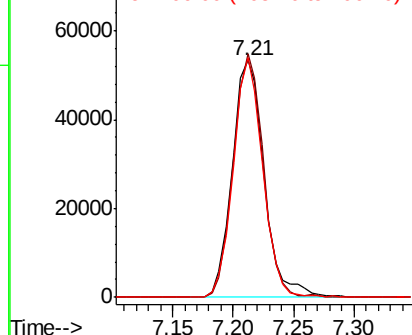
77 100

105 102.7 75.0 115.0

106 101.2 75.7 115.7



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



#10

Phenol

Concen: 41.870 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

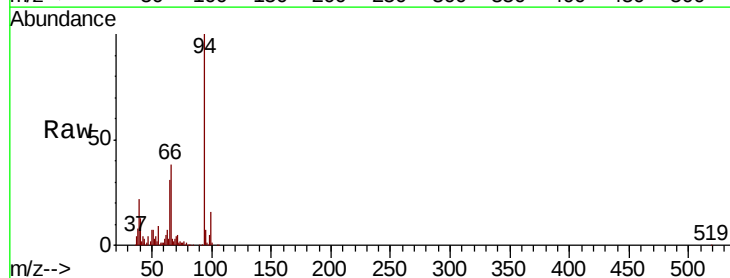
Tgt Ion: 94 Resp: 263023

Ion Ratio Lower Upper

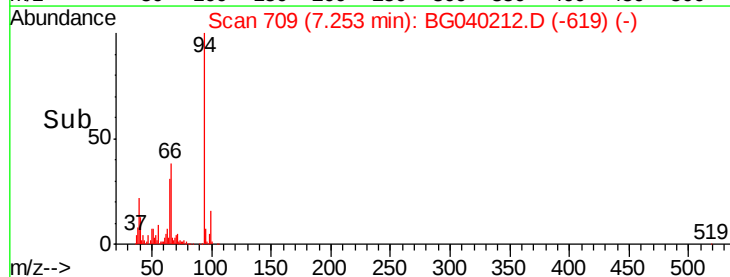
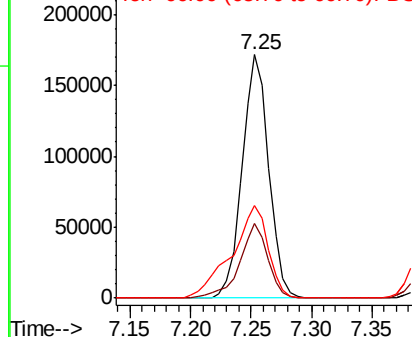
94 100

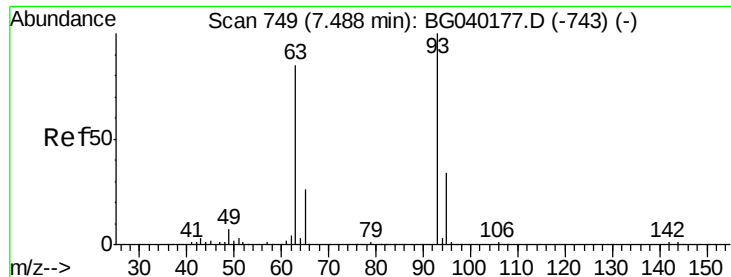
65 30.6 10.5 50.5

66 38.1 16.9 56.9



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

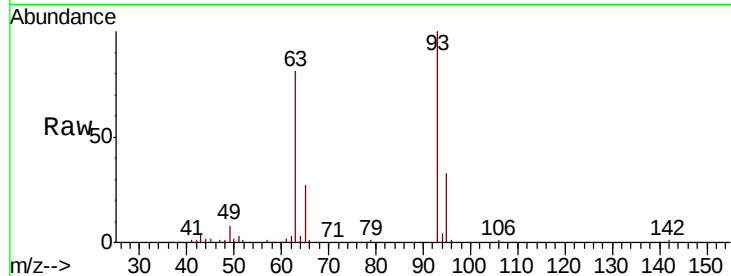




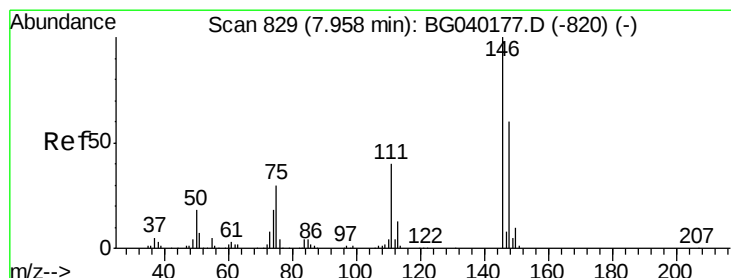
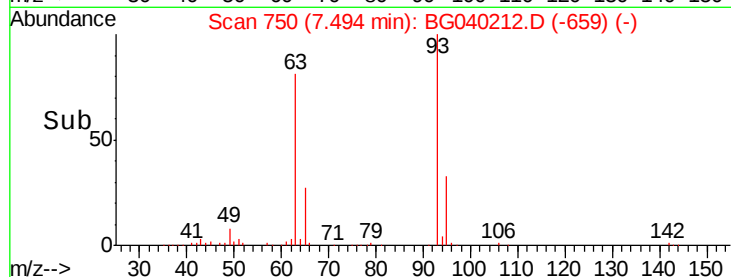
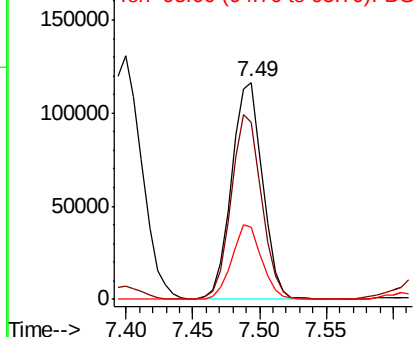
#11
bis(2-Chloroethyl)ether
Concen: 37.553 ng
RT: 7.49 min Scan# 750
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion: 93 Resp: 188944
Ion Ratio Lower Upper
93 100
63 81.5 64.2 104.2
95 33.2 14.0 54.0

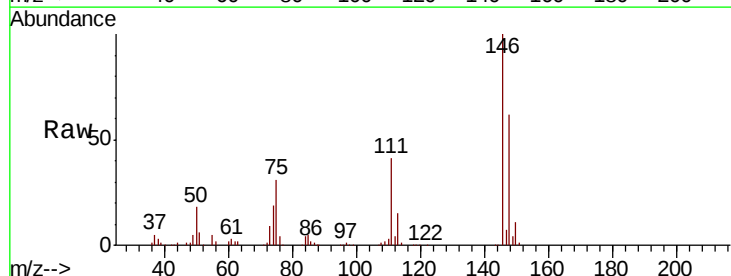


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

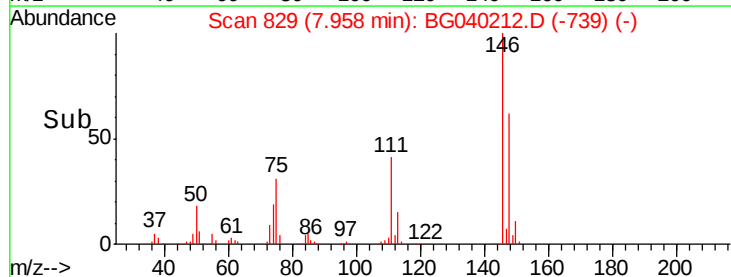
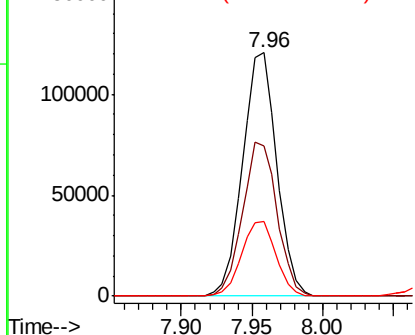


#12
1,3-Dichlorobenzene
Concen: 38.346 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion: 146 Resp: 204347
Ion Ratio Lower Upper
146 100
148 61.9 48.2 72.2
75 30.8 24.1 36.1



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

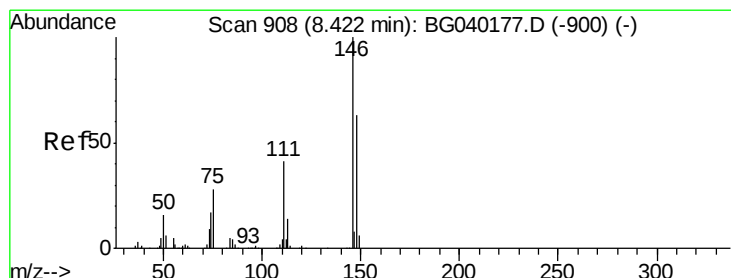
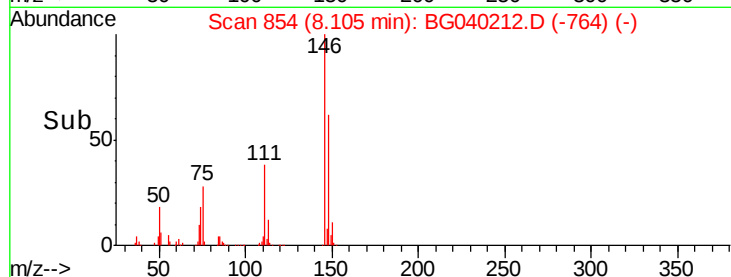
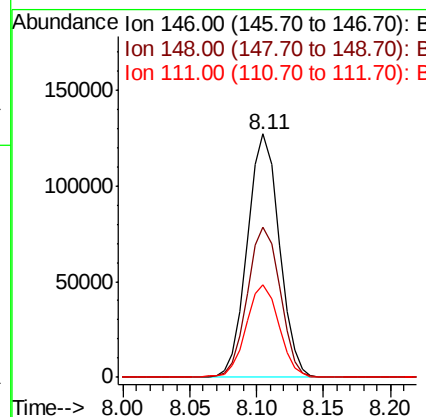
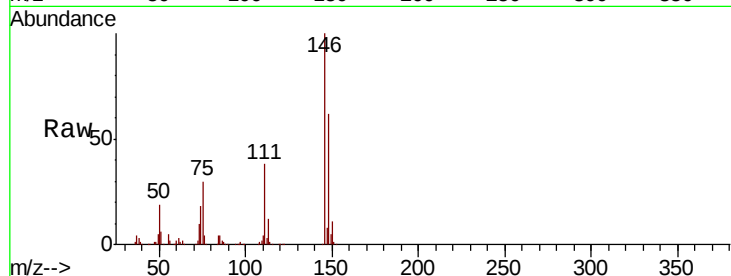




#13
 1,4-Dichlorobenzene
 Concen: 39.545 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

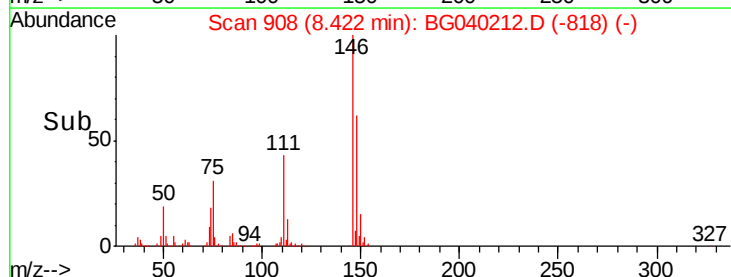
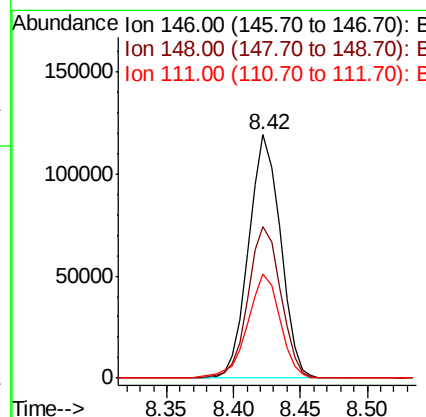
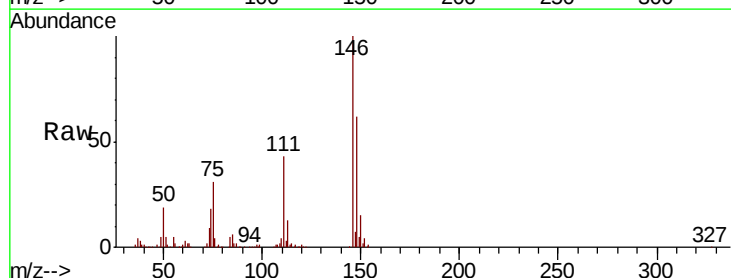
Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

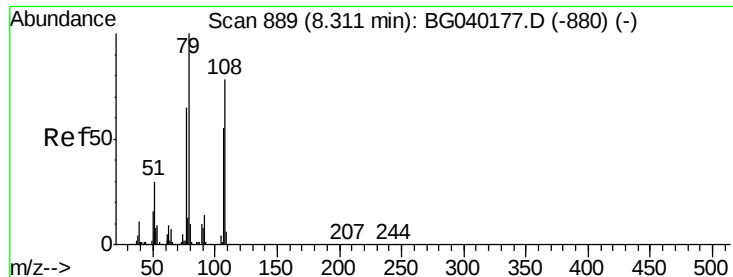
Tgt Ion:146 Resp: 209887
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.0 76.4
 111 38.1 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 38.527 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion:146 Resp: 195547
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 43.0 33.4 50.0





#15

Benzyl Alcohol

Concen: 39.350 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

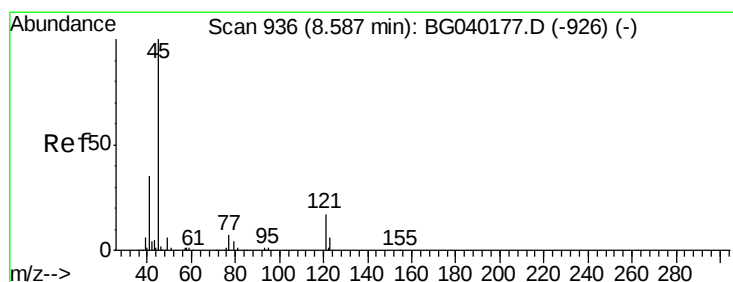
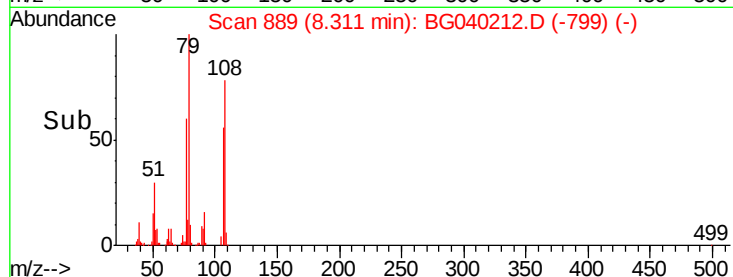
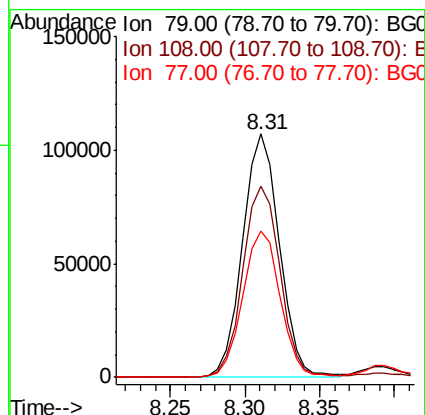
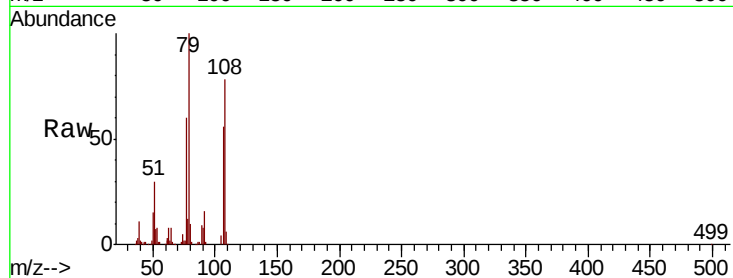
Tgt Ion: 79 Resp: 183412

Ion Ratio Lower Upper

79 100

108 78.4 62.1 93.1

77 60.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.769 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

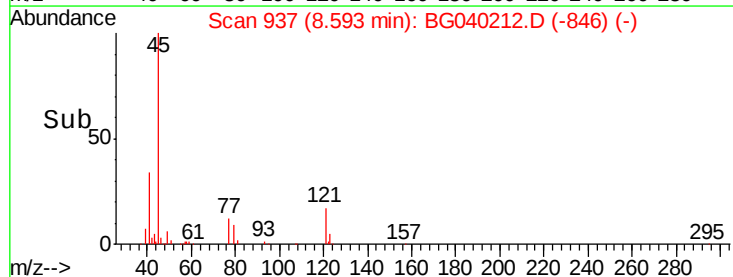
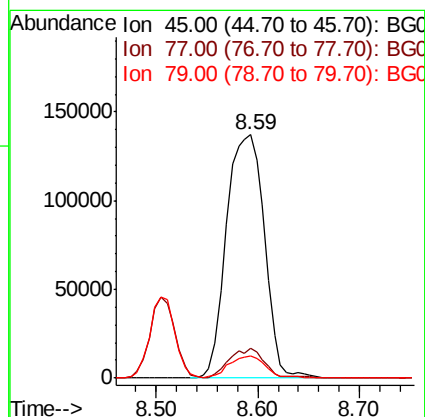
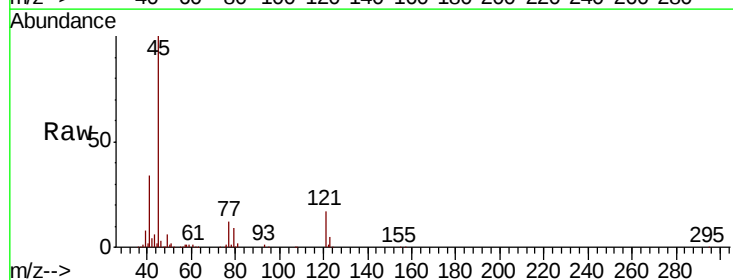
Tgt Ion: 45 Resp: 355056

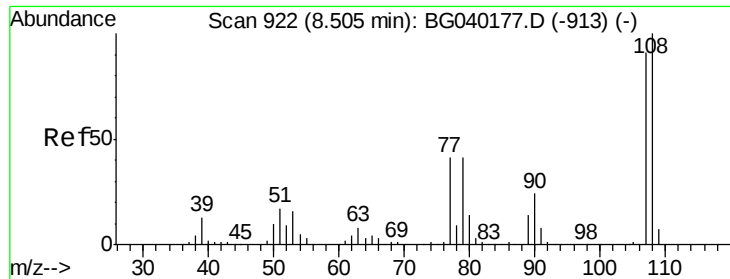
Ion Ratio Lower Upper

45 100

77 12.2 0.0 31.4

79 9.4 0.0 28.3

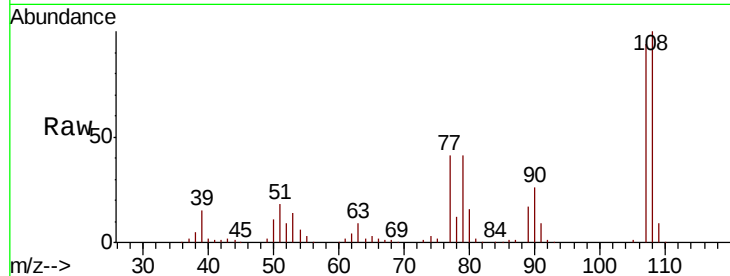




#17
2-Methylphenol
Concen: 41.692 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:	107	Resp:	181233
Ion	Ratio	Lower	Upper
107	100		
108	106.6	88.2	132.4
77	43.3	36.6	55.0
79	43.9	36.5	54.7



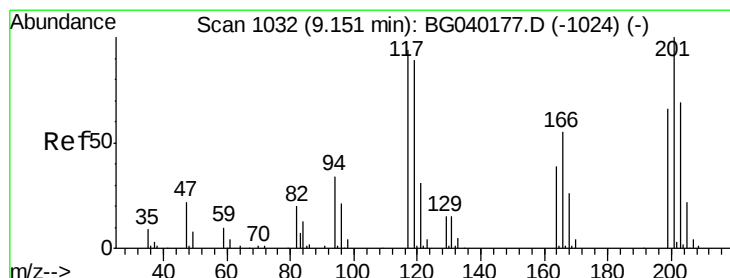
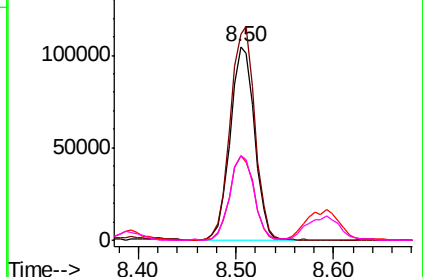
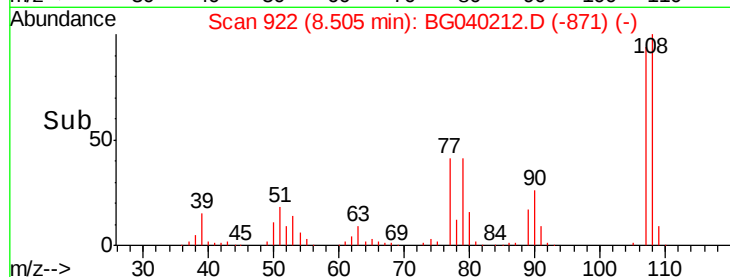
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

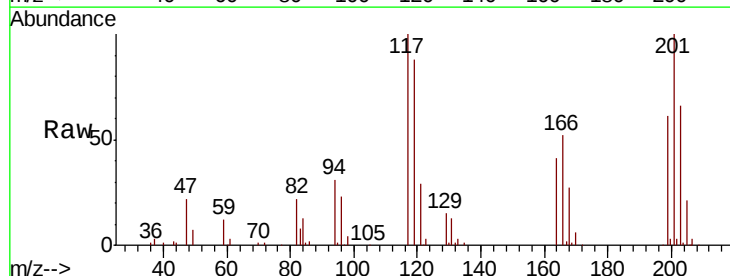
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.888 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:	117	Resp:	76491
Ion	Ratio	Lower	Upper
117	100		
119	88.5	76.6	115.0
201	102.8	85.0	127.4

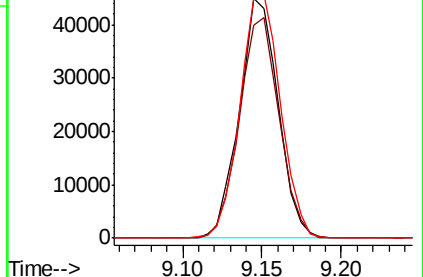
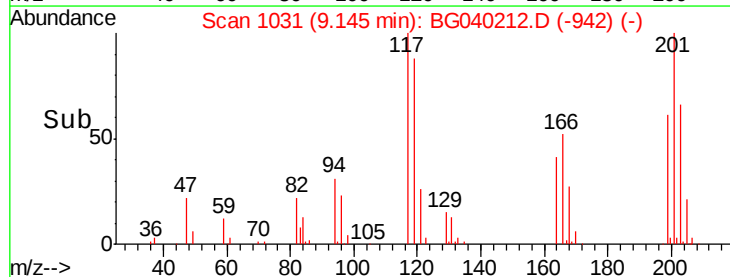


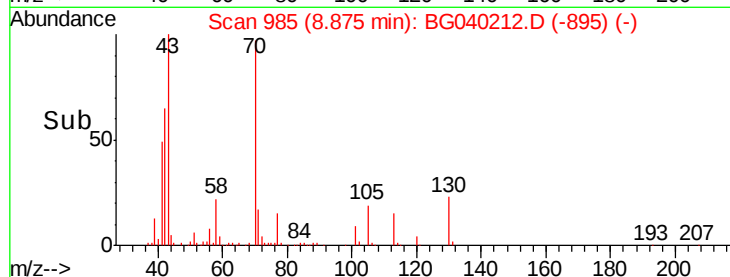
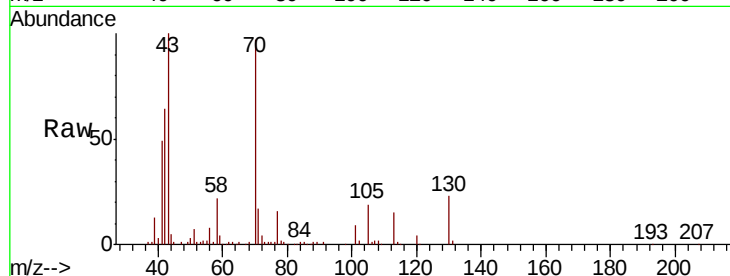
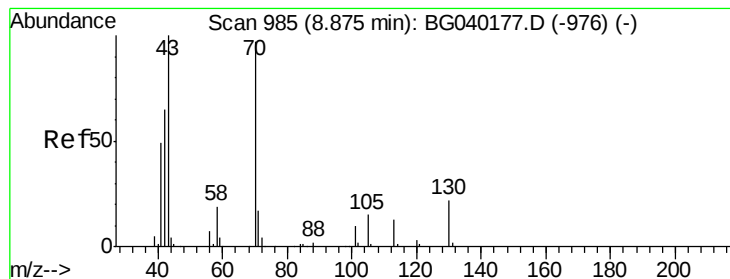
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.849 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

Tgt Ion: 70 Resp: 152908

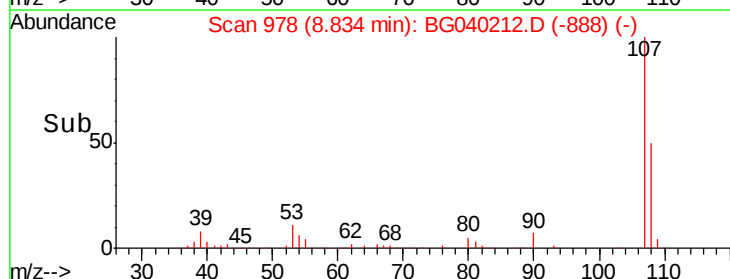
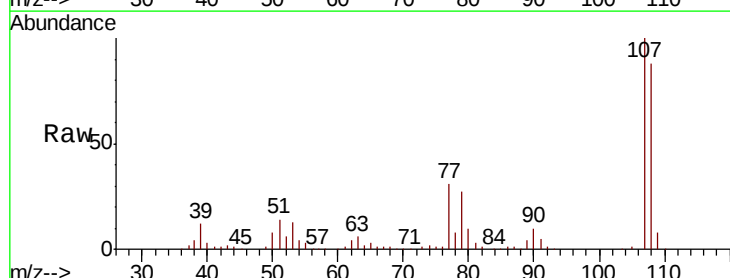
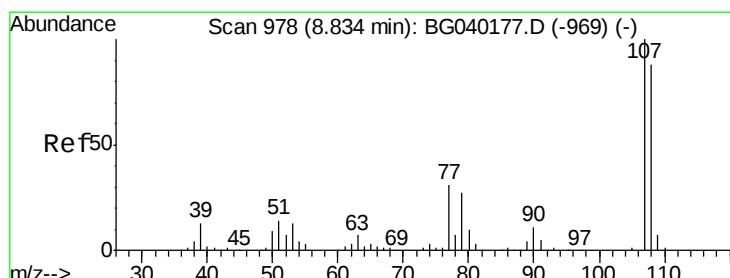
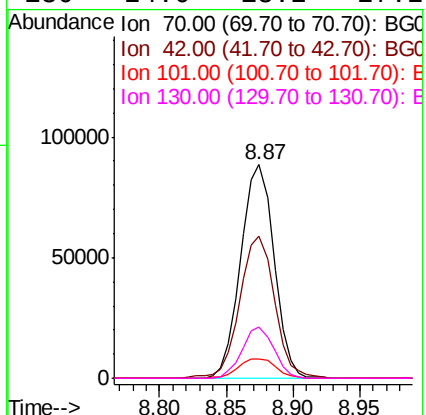
Ion Ratio Lower Upper

70 100

42 66.4 54.0 81.0

101 9.3 8.6 13.0

130 24.0 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.803 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion: 107 Resp: 246171

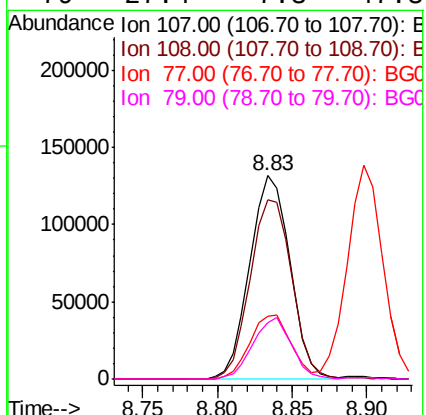
Ion Ratio Lower Upper

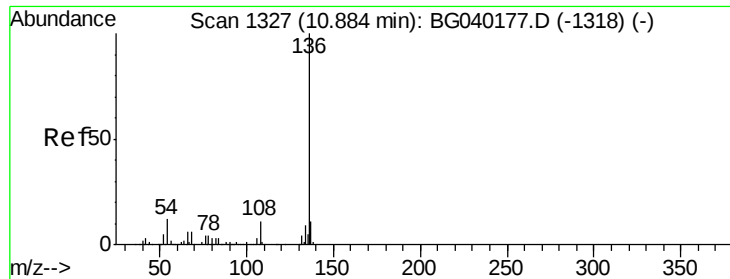
107 100

108 87.8 68.3 108.3

77 31.1 11.3 51.3

79 27.4 7.3 47.3

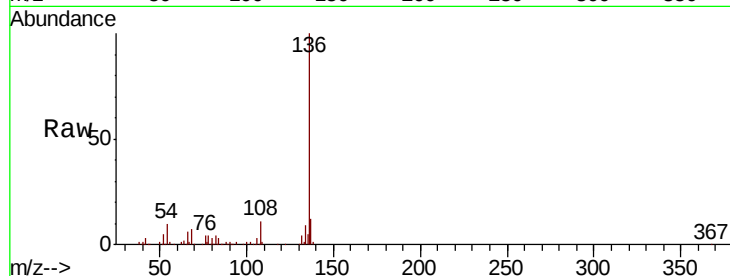




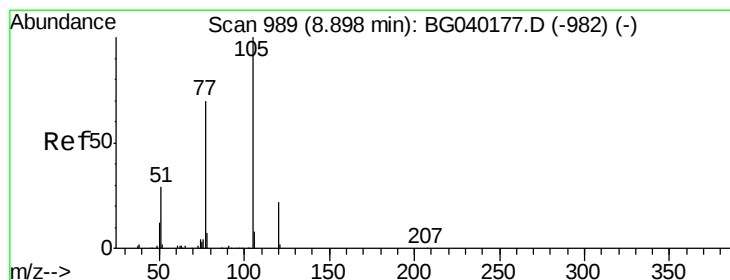
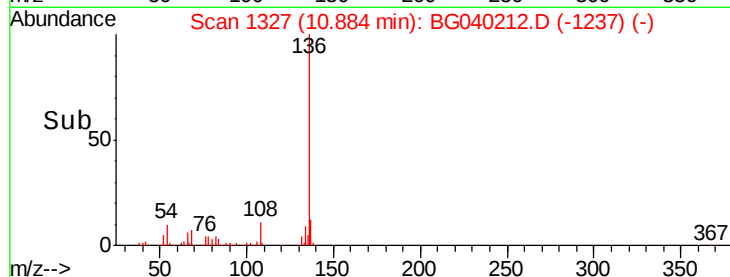
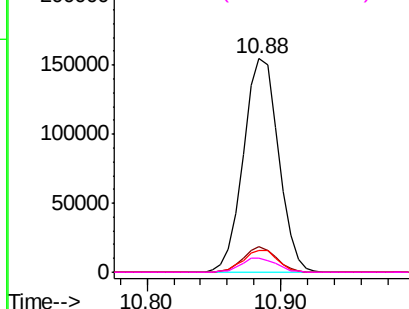
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:	136	Resp:	280629
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	10.4	9.6	14.4
68	6.7	5.1	7.7

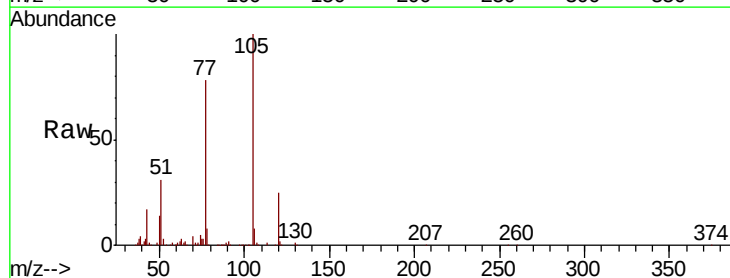


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

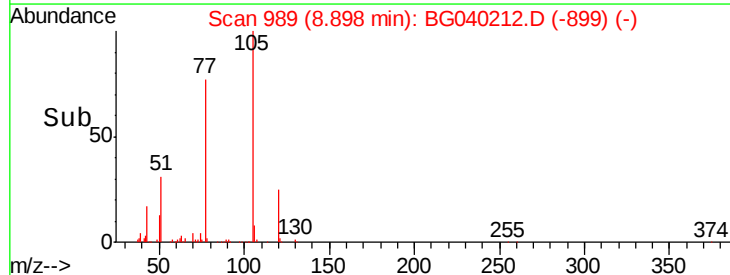
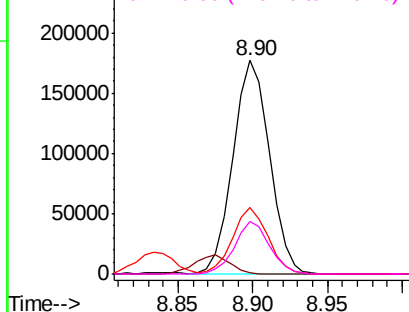


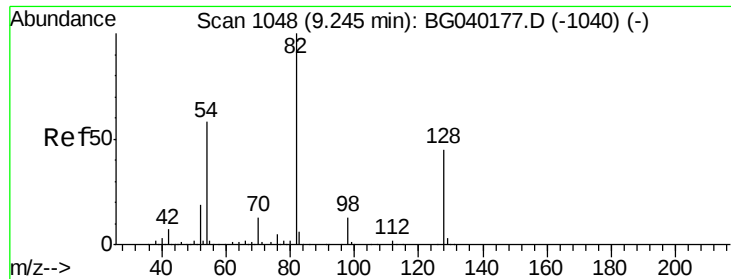
#22
Acetophenone
Concen: 42.992 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:	105	Resp:	300957
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	31.4	25.1	37.7
120	24.5	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

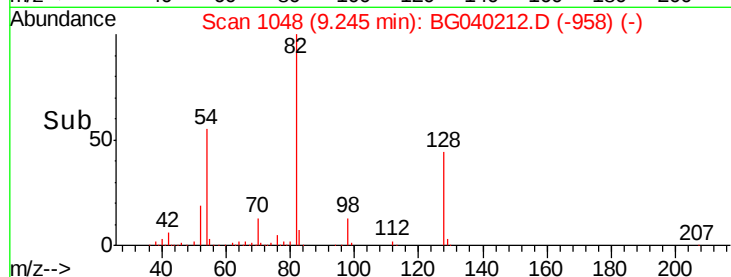
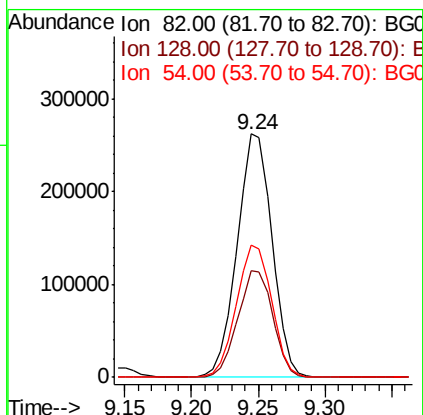
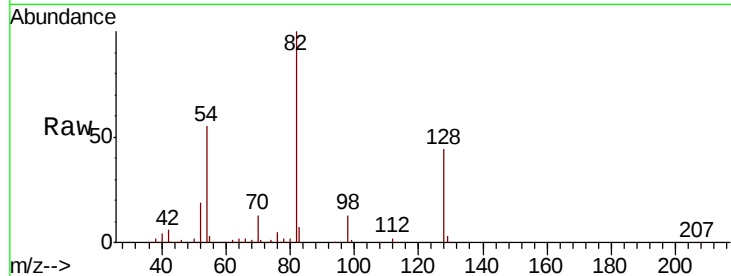




#23
 Nitrobenzene-d5
 Concen: 89.988 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

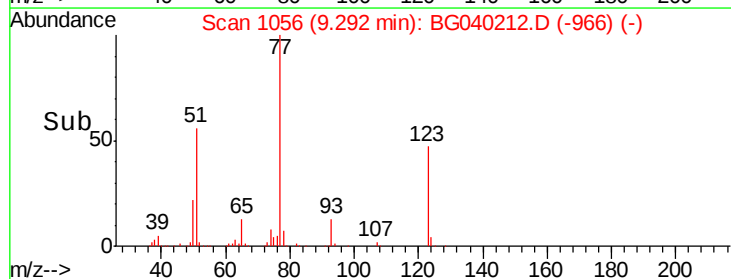
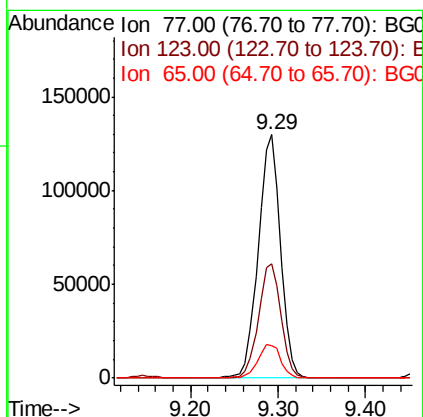
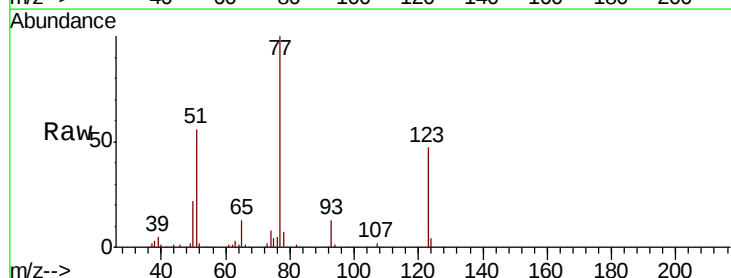
Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

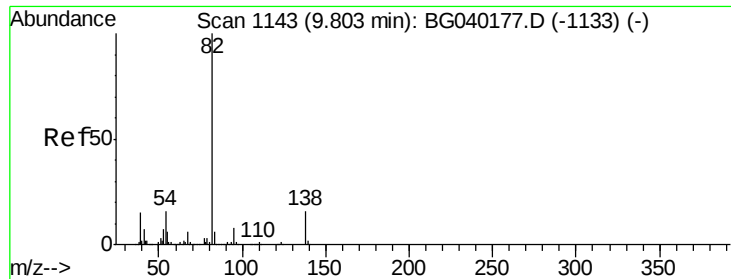
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.8	53.8
54	54.6	46.2	69.2



#24
 Nitrobenzene
 Concen: 41.321 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.8	56.6
65	13.5	12.0	18.0





#25

Isophorone

Concen: 41.193 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

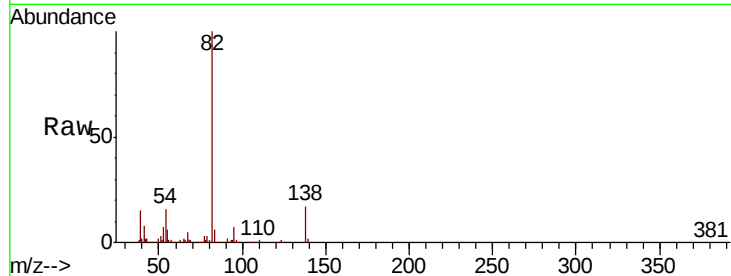
Tgt Ion: 82 Resp: 447485

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

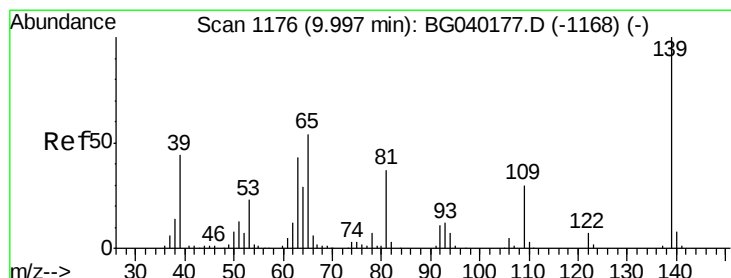
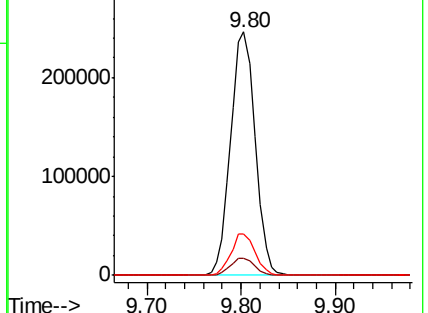
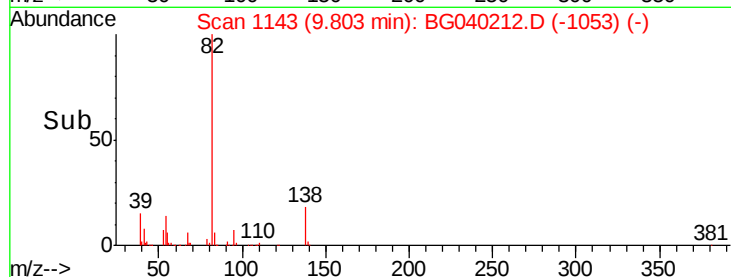
138 17.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BG040212.D (-1053) (-)

Ion 95.00 (94.70 to 95.70): BG040212.D (-1053) (-)

Ion 138.00 (137.70 to 138.70): BG040212.D (-1053) (-)



#26

2-Nitrophenol

Concen: 42.214 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

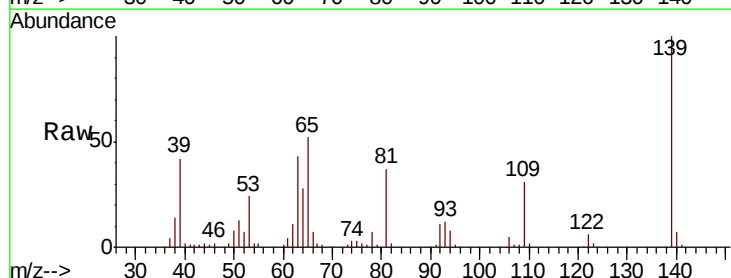
Tgt Ion: 139 Resp: 109359

Ion Ratio Lower Upper

139 100

109 31.0 24.1 36.1

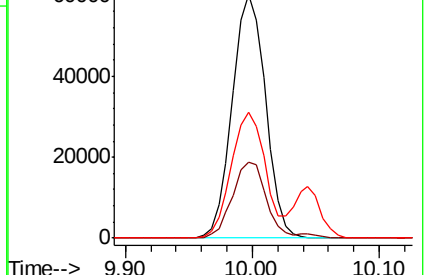
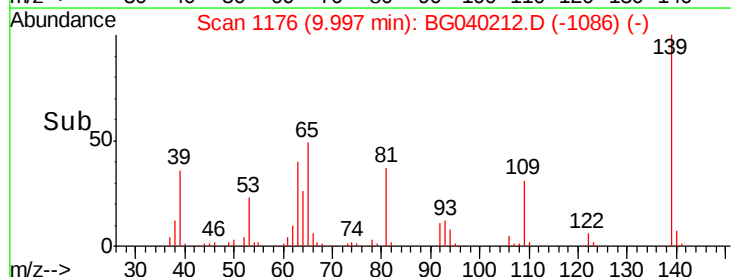
65 51.7 43.0 64.6

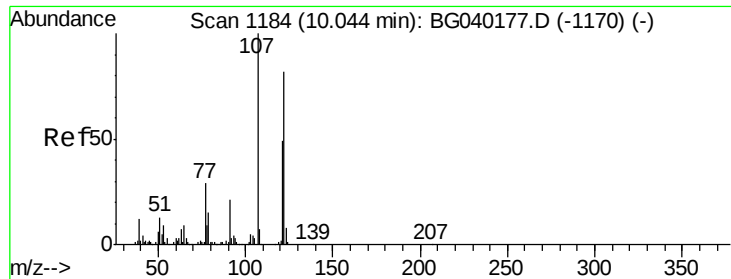


Abundance Ion 139.00 (138.70 to 139.70): BG040212.D (-1086) (-)

Ion 109.00 (108.70 to 109.70): BG040212.D (-1086) (-)

Ion 65.00 (64.70 to 65.70): BG040212.D (-1086) (-)

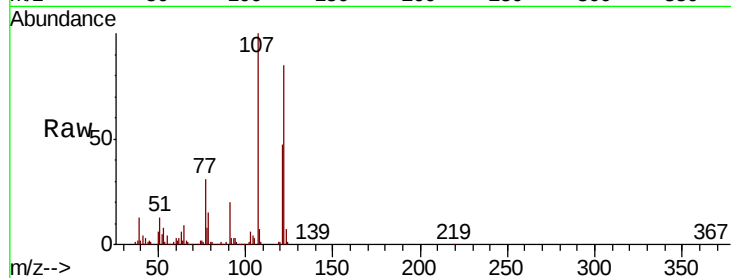




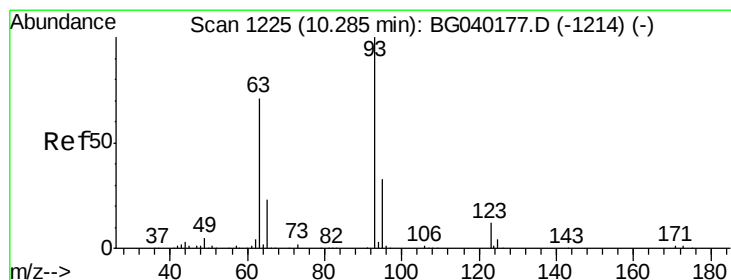
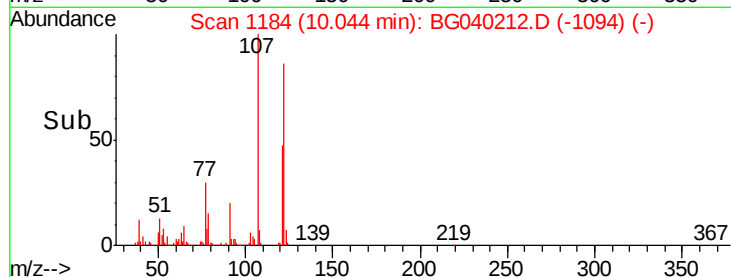
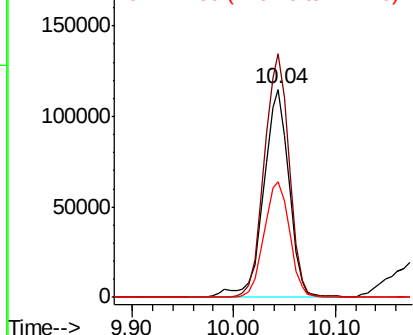
#27
2,4-Dimethylphenol
Concen: 48.495 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:122 Resp: 199554
Ion Ratio Lower Upper
122 100
107 117.0 97.4 146.2
121 55.5 47.7 71.5

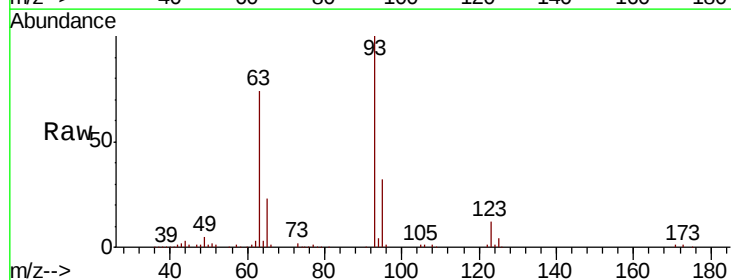


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

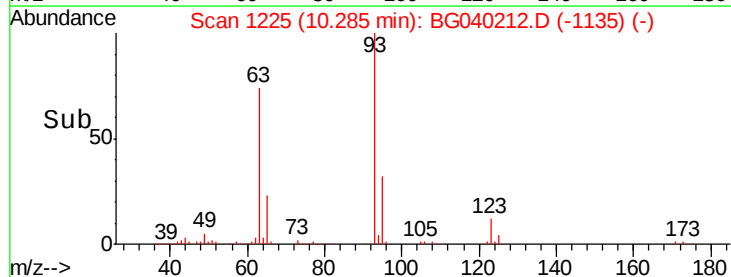
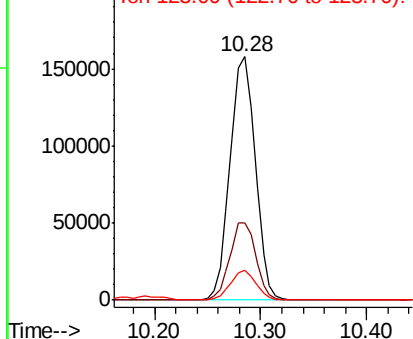


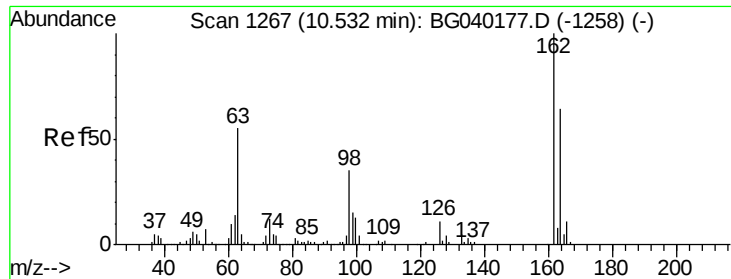
#28
bis(2-Chloroethoxy)methane
Concen: 40.745 ng
RT: 10.28 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion: 93 Resp: 261867
Ion Ratio Lower Upper
93 100
95 31.7 26.2 39.4
123 12.3 9.4 14.0



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

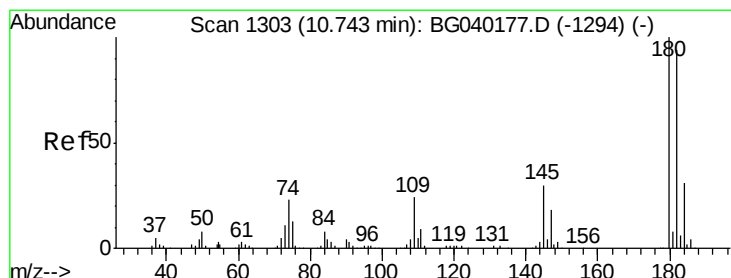
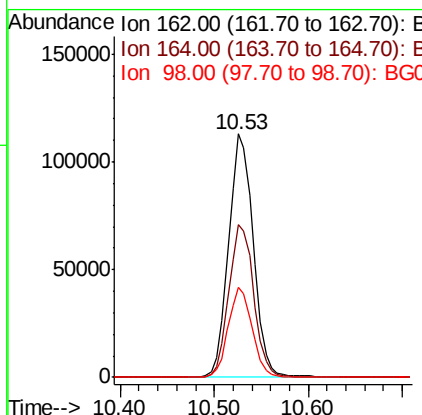
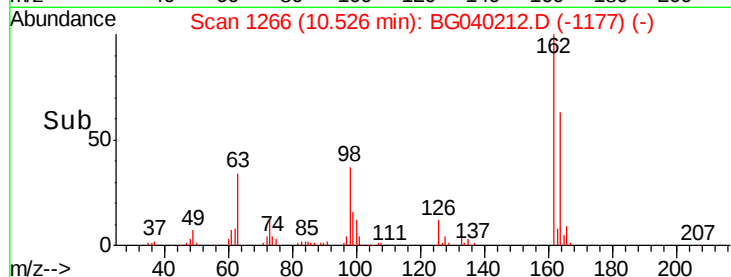
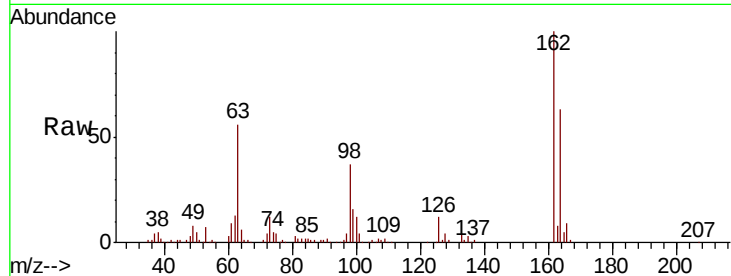




#29
 2,4-Dichlorophenol
 Concen: 46.263 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

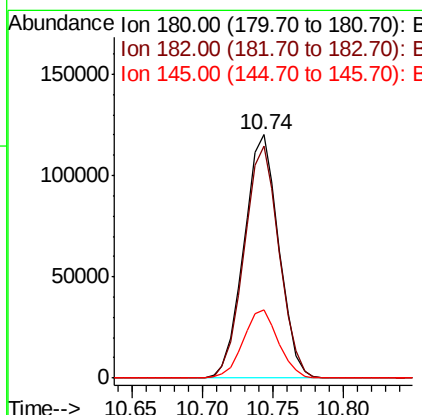
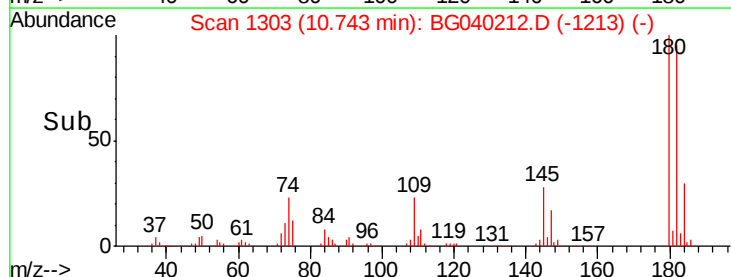
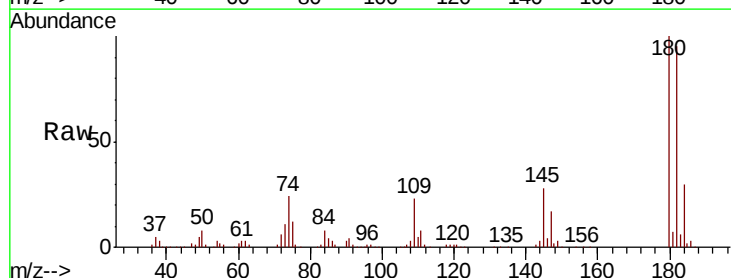
Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tgt Ion:162 Resp: 206634
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.9 83.9
 98 37.0 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.377 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion:180 Resp: 207835
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.1 112.7
 145 28.0 24.1 36.1

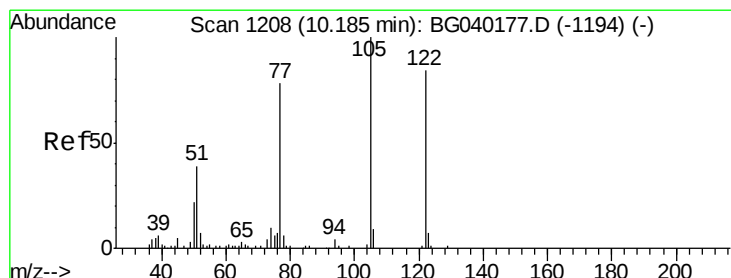
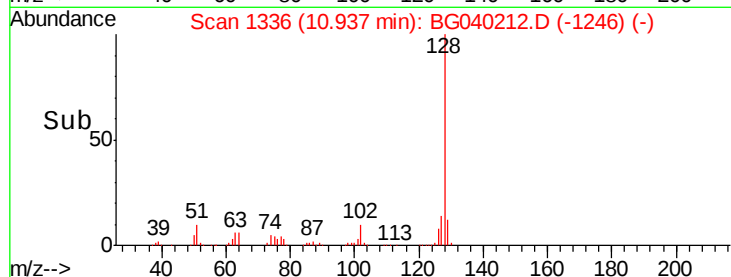
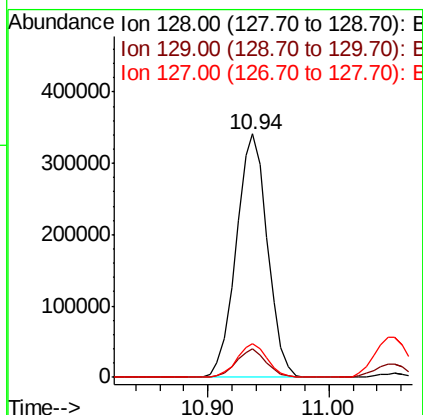
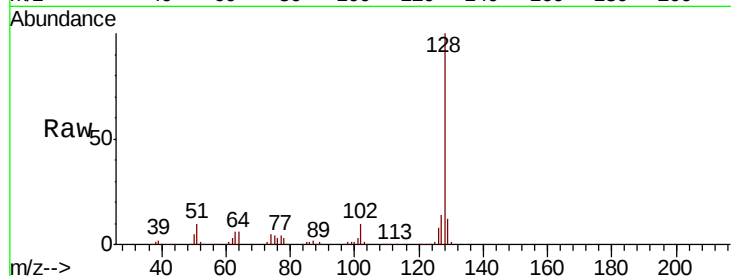




#31
Naphthalene
Concen: 42.558 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

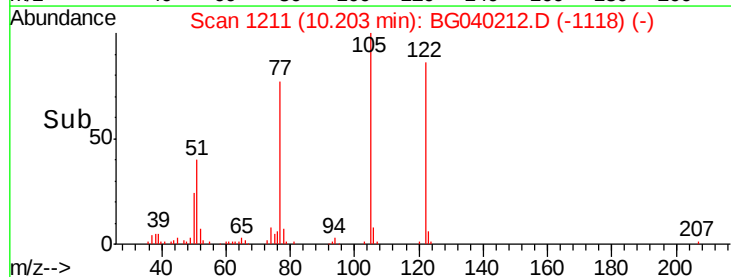
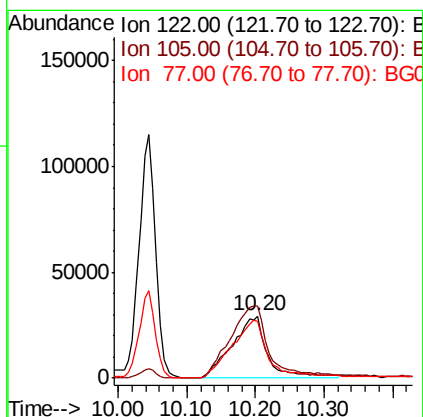
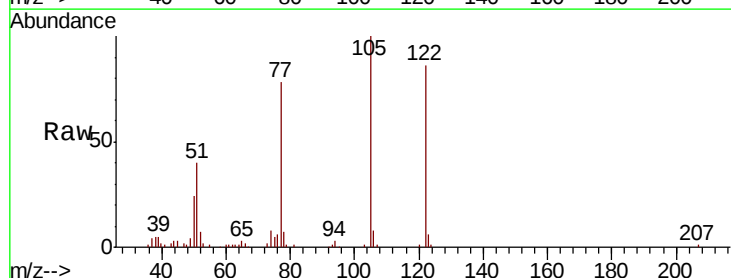
Instrument :
BNA_G
ClientSampleId :
PB118375BS

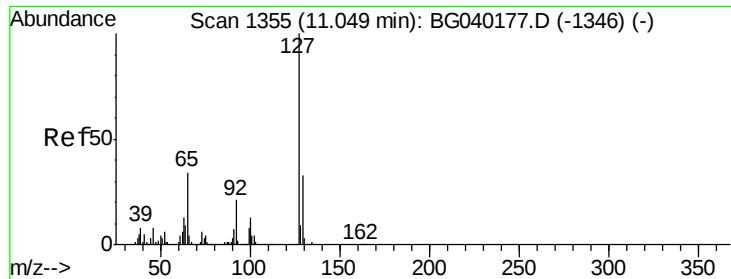
Tgt Ion:128 Resp: 612171
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 41.719 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:122 Resp: 103722
Ion Ratio Lower Upper
122 100
105 116.5 98.2 138.2
77 90.9 73.6 113.6

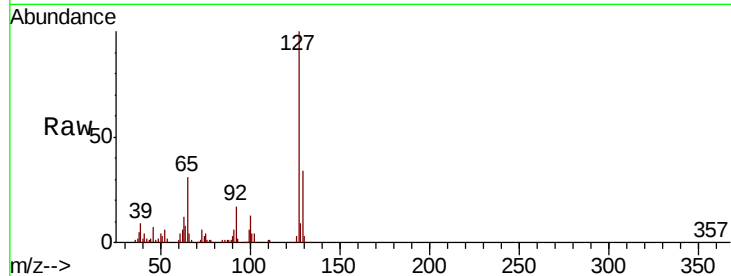




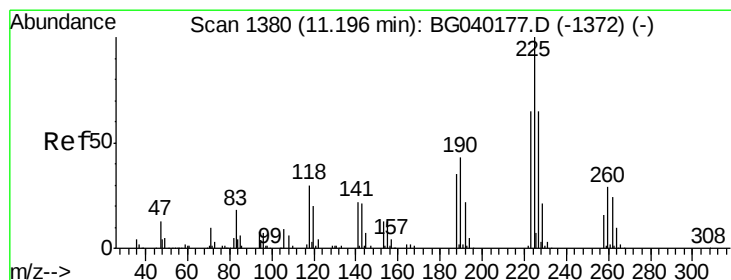
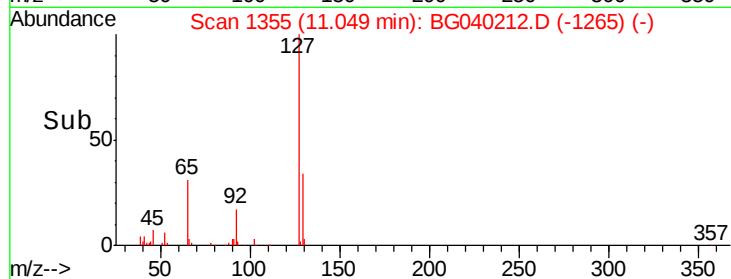
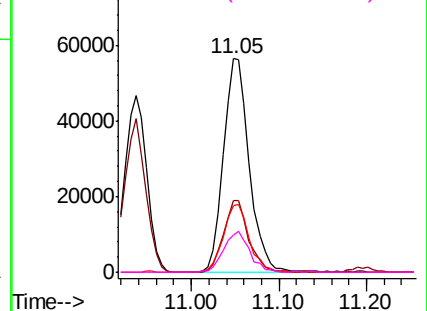
#33
4-Chloroaniline
Concen: 18.755 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:	127	Resp:	115077
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	40.0
65	31.0	27.0	40.4
92	17.3	16.6	25.0

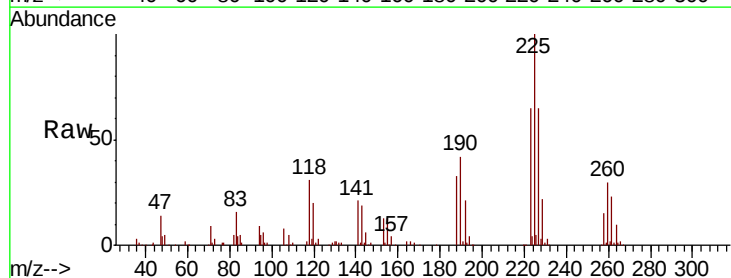


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

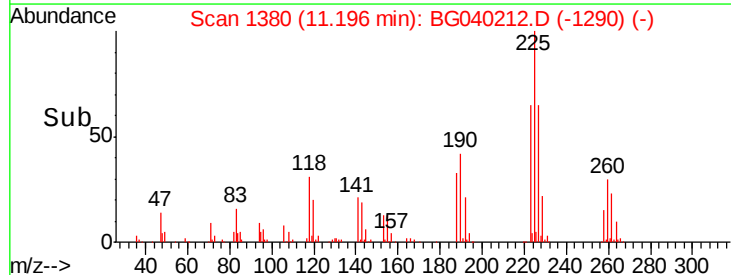
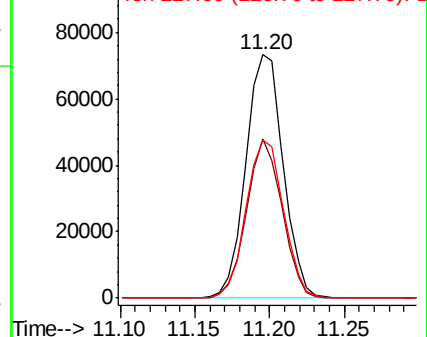


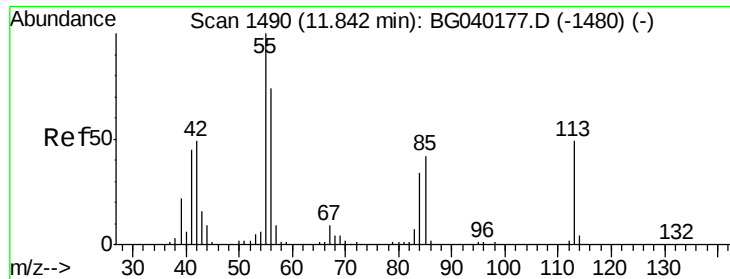
#34
Hexachlorobutadiene
Concen: 40.273 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:	225	Resp:	126318
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.8	77.8
227	64.7	54.9	82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.894 ng

RT: 11.84 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

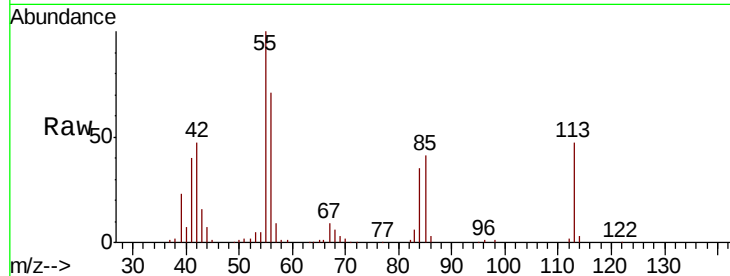
Tgt Ion:113 Resp: 44125

Ion Ratio Lower Upper

113 100

55 213.3 184.2 224.2

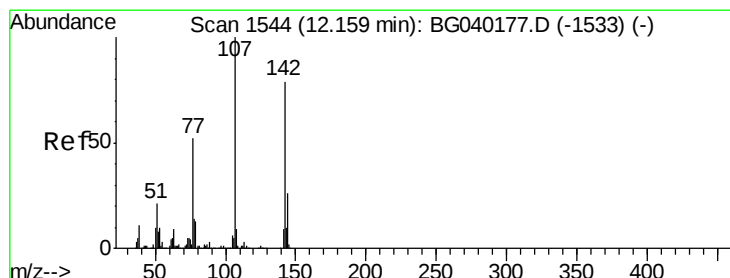
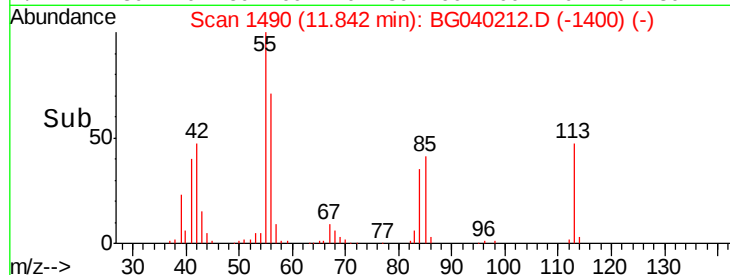
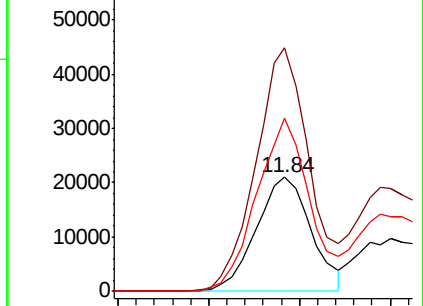
56 151.5 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.153 ng

RT: 12.16 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

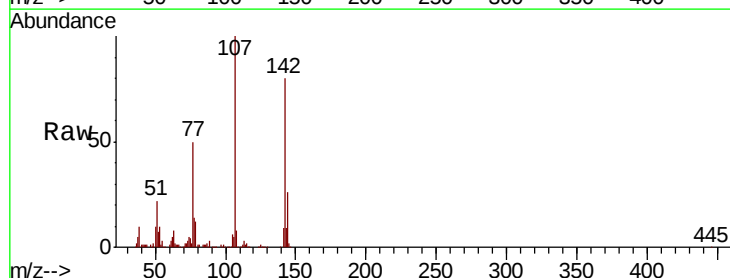
Tgt Ion:107 Resp: 236984

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

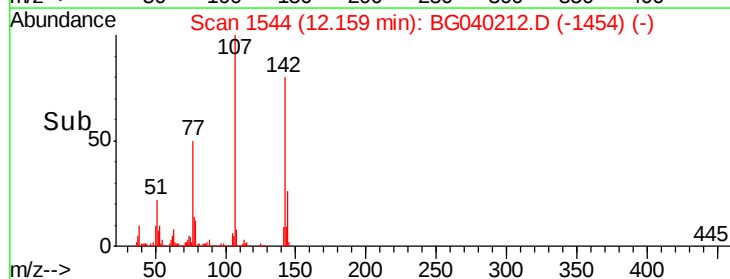
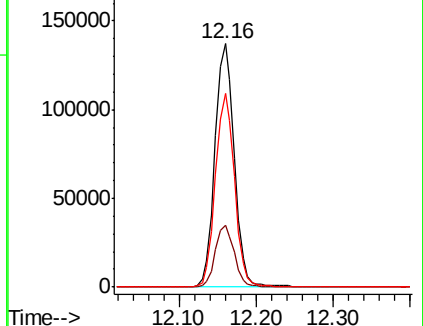
142 79.6 63.1 94.7

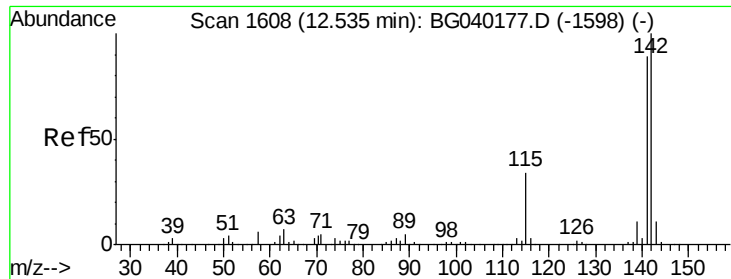


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

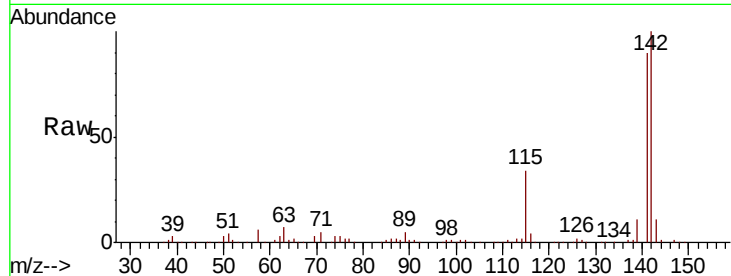




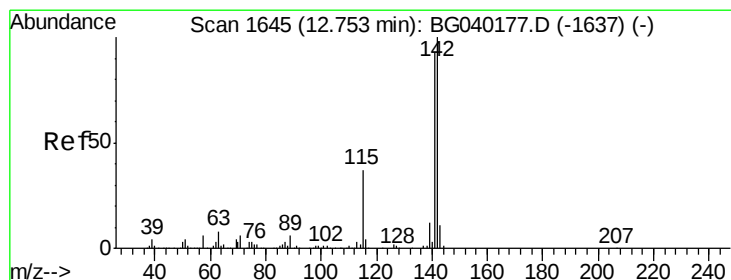
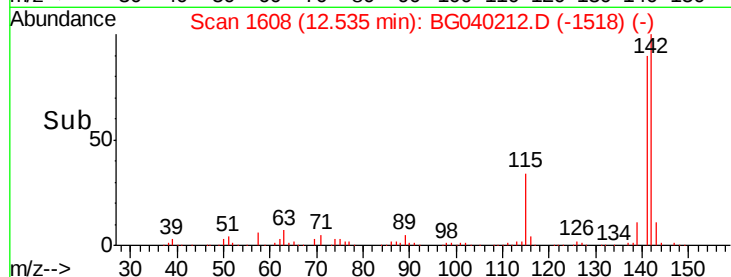
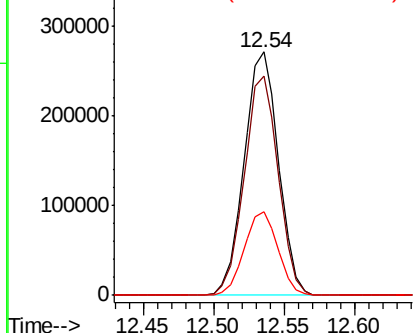
#37
 2-Methylnaphthalene
 Concen: 43.425 ng
 RT: 12.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tgt Ion:142 Resp: 461974
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 34.4 27.3 40.9

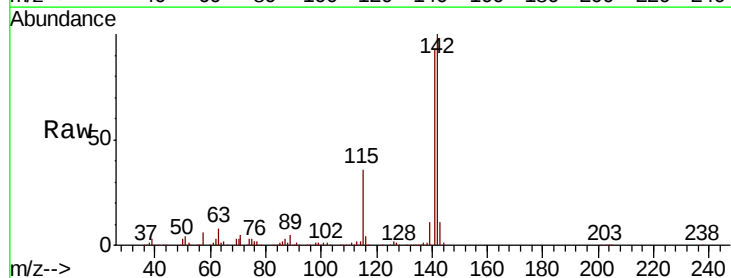


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

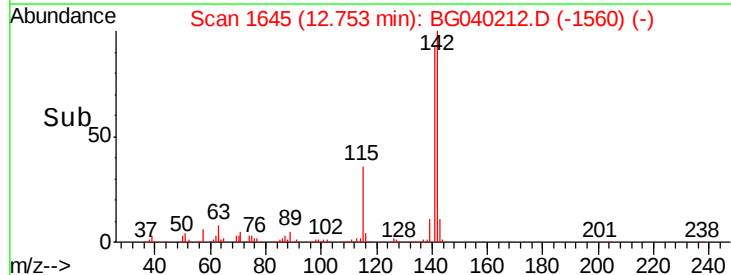
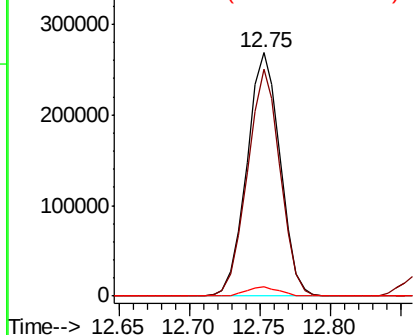


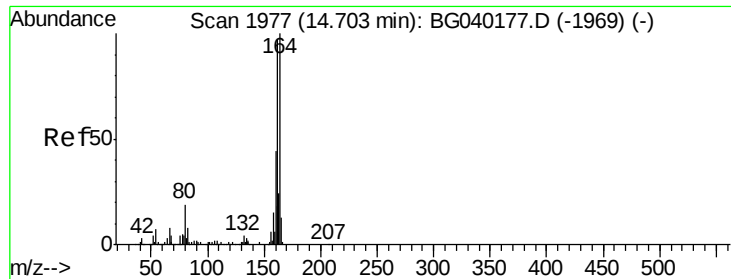
#38
 1-Methylnaphthalene
 Concen: 42.878 ng
 RT: 12.75 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion:142 Resp: 442328
 Ion Ratio Lower Upper
 142 100
 141 93.4 74.2 111.4
 116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

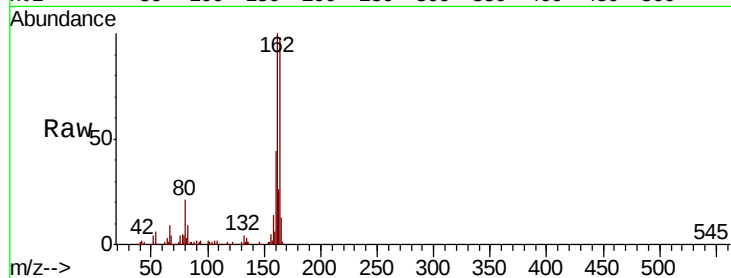
Tgt Ion:164 Resp: 178809

Ion Ratio Lower Upper

164 100

162 101.6 77.4 116.2

160 44.8 35.3 52.9

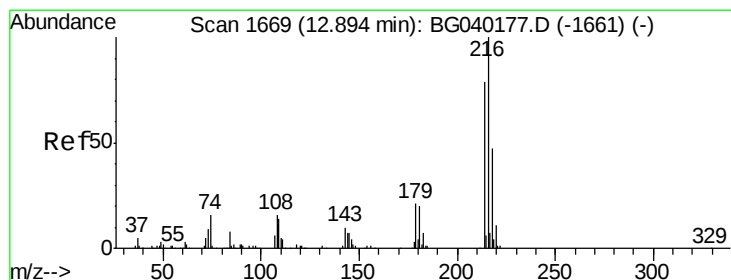
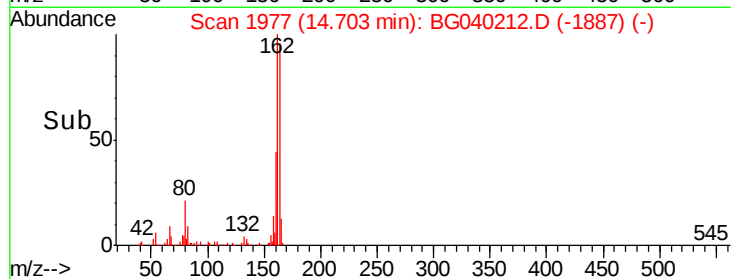
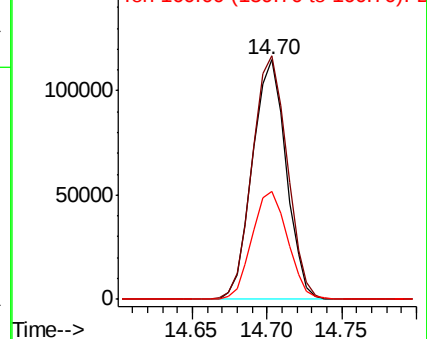


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.271 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:216 Resp: 234549

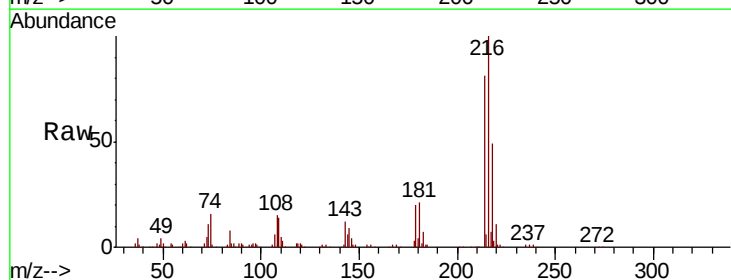
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 20.9 16.6 25.0

108 19.3 13.8 20.8



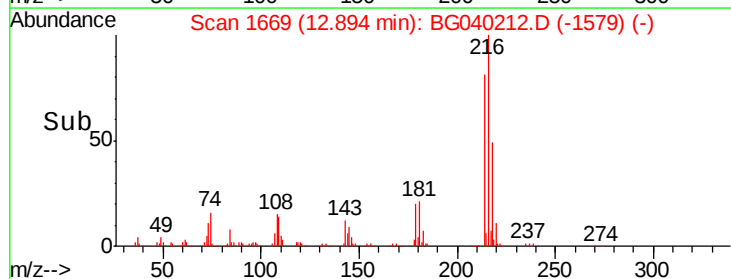
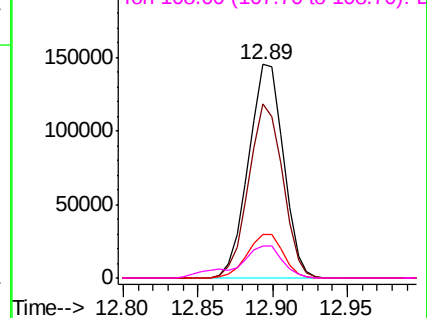
Abundance

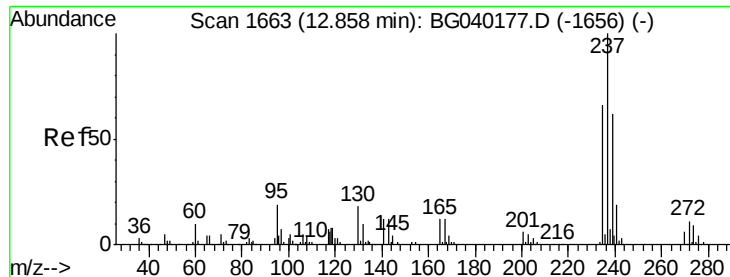
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.732 ng

RT: 12.86 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

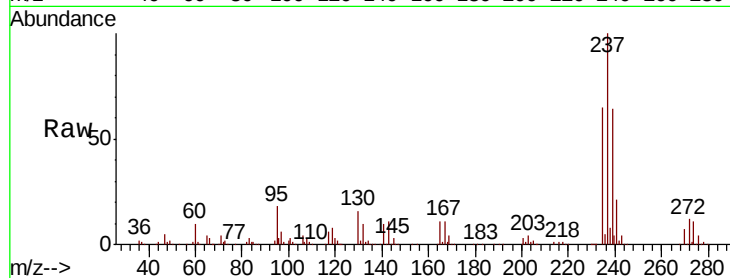
Tgt Ion:237 Resp: 292487

Ion Ratio Lower Upper

237 100

235 64.8 46.2 86.2

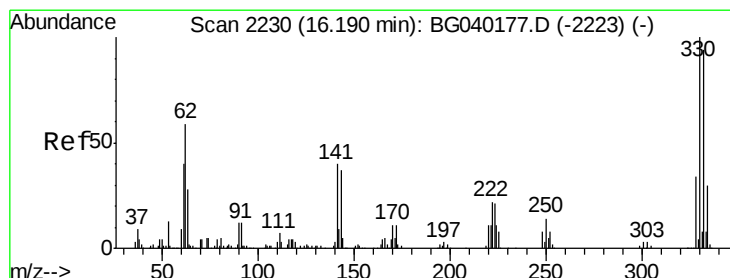
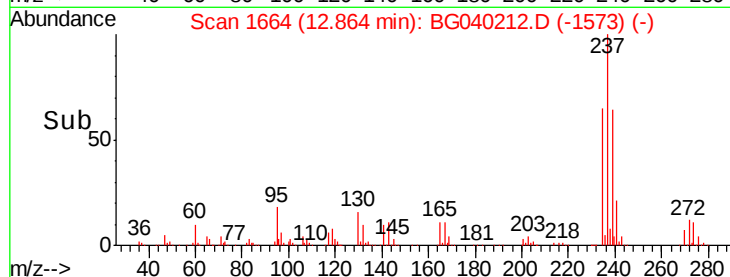
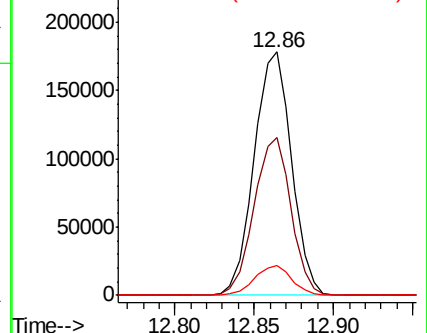
272 12.5 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 157.431 ng

RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

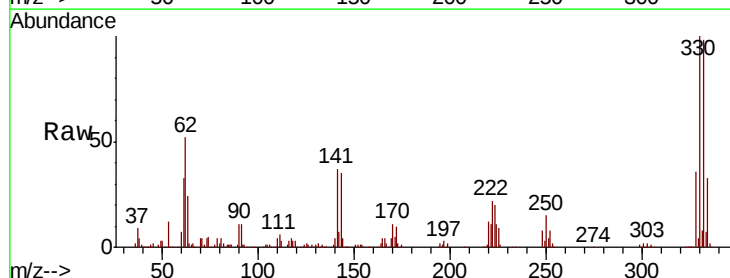
Tgt Ion:330 Resp: 304229

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

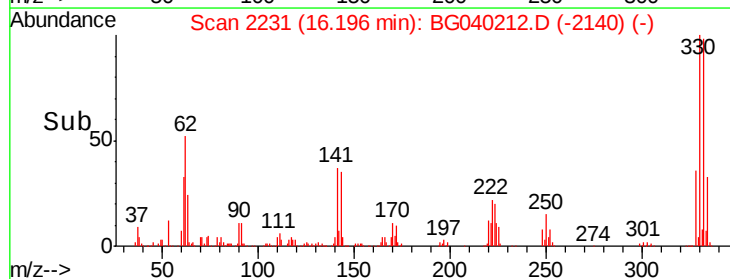
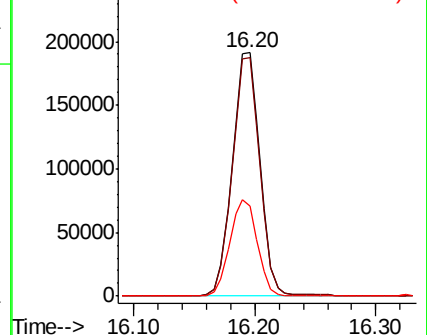
141 39.2 32.6 48.8

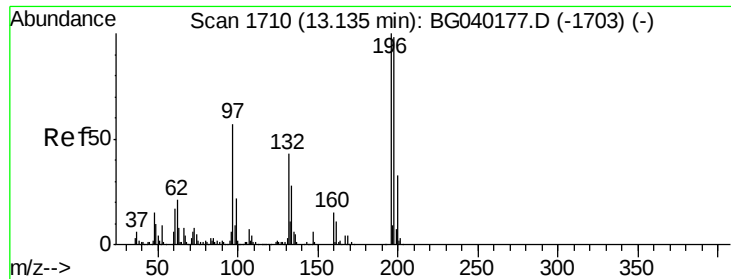


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

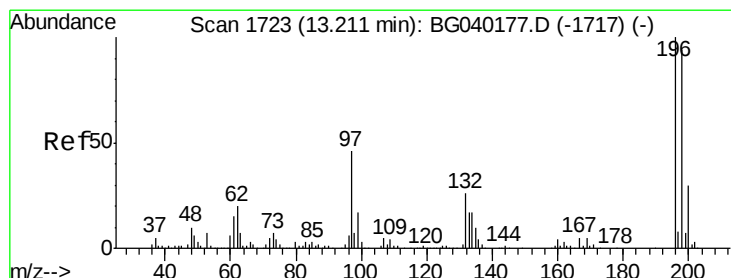
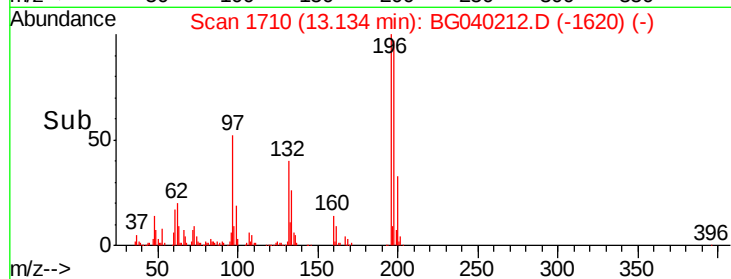
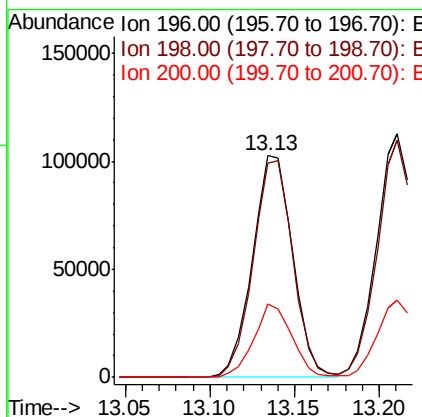
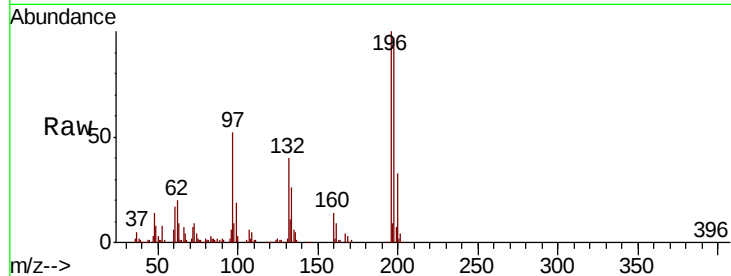




#43
 2,4,6-Trichlorophenol
 Concen: 46.149 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

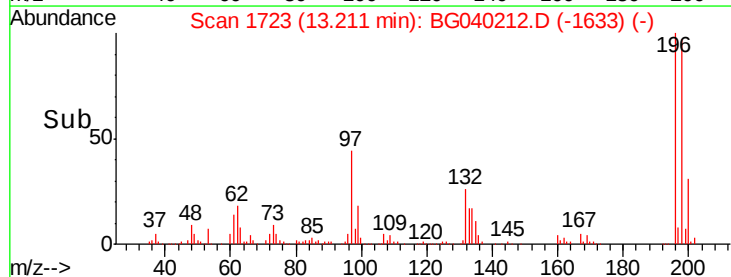
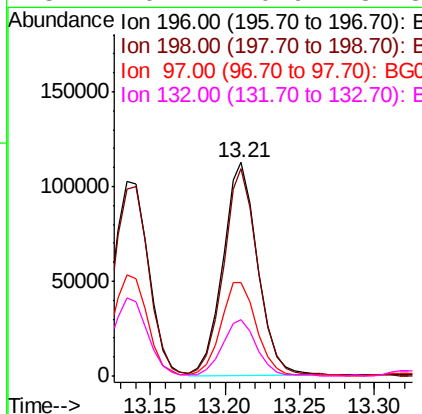
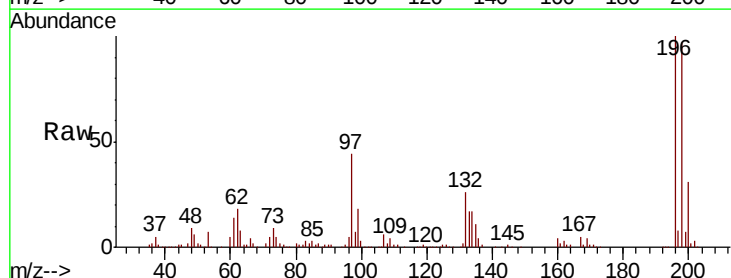
Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.3	117.5
200	33.2	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.597 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.0	112.6
97	43.8	37.3	55.9
132	26.1	20.9	31.3

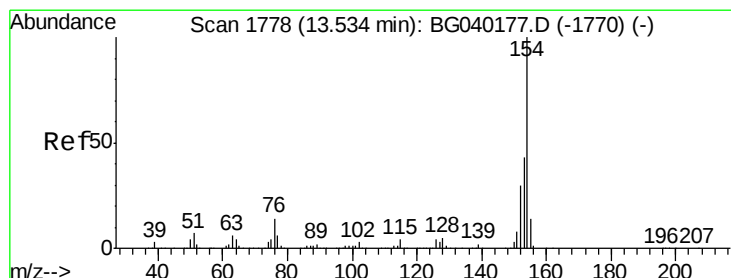
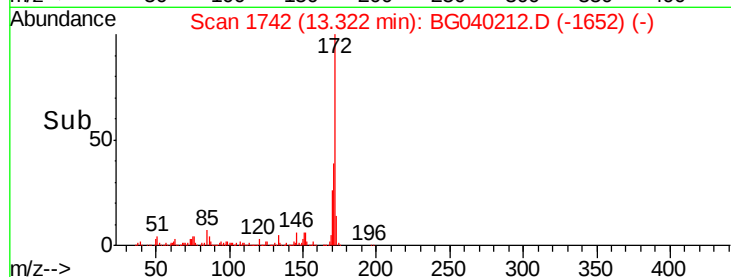
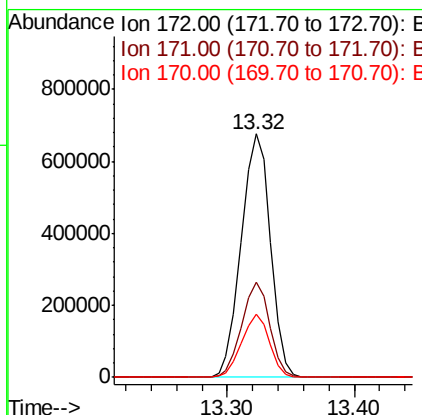
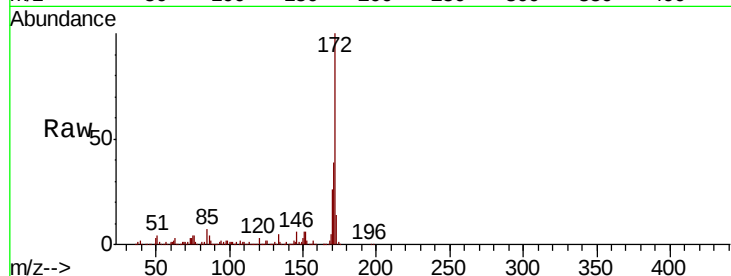




#45
2-Fluorobiphenyl
Concen: 89.459 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

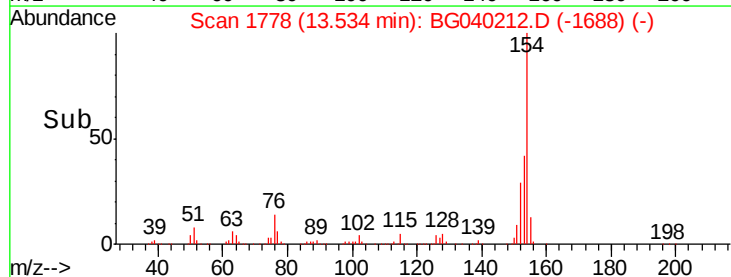
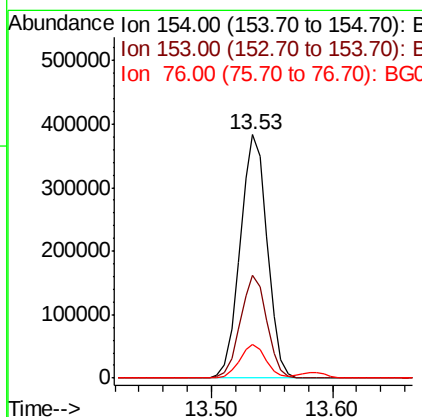
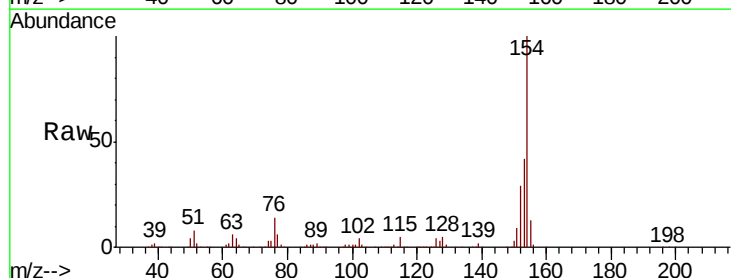
Instrument :
BNA_G
ClientSampleId :
PB118375BS

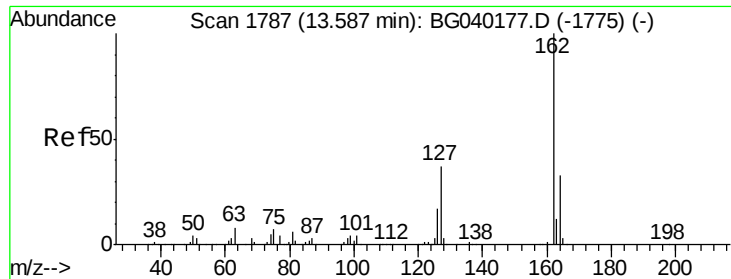
Tgt Ion:172 Resp: 1079525
Ion Ratio Lower Upper
172 100
171 38.9 30.5 45.7
170 25.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.151 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:154 Resp: 595517
Ion Ratio Lower Upper
154 100
153 42.0 22.5 62.5
76 13.8 0.0 33.7

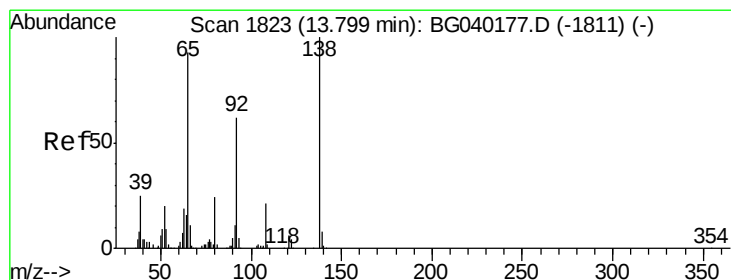
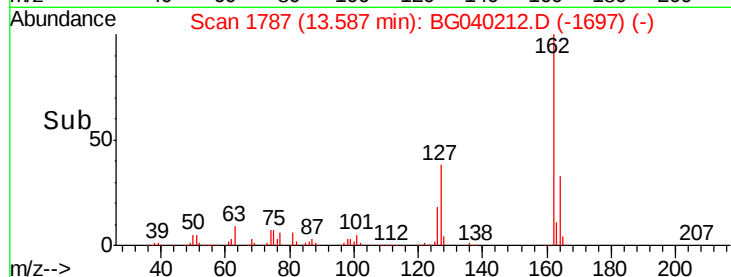
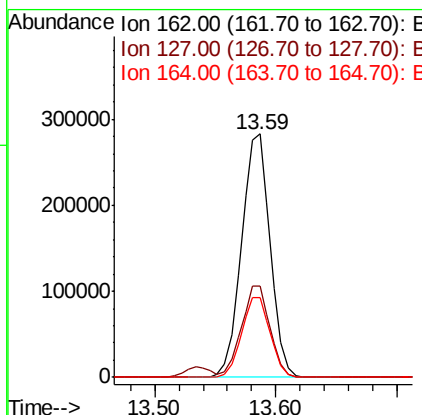
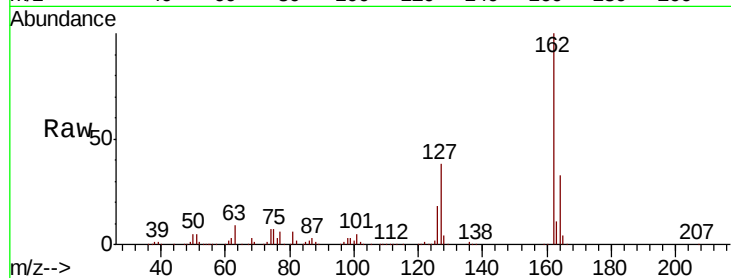




#47
 2-Chloronaphthalene
 Concen: 42.948 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

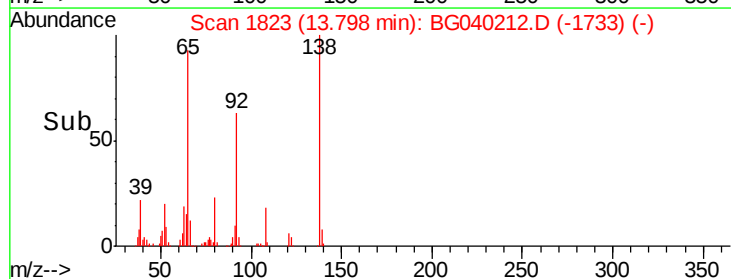
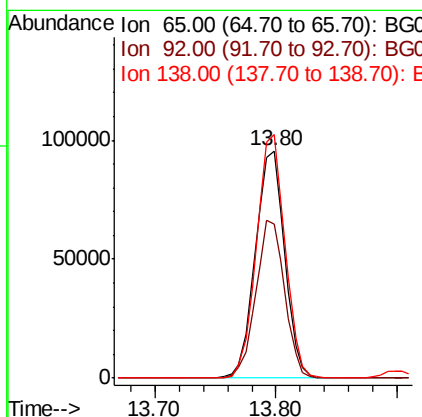
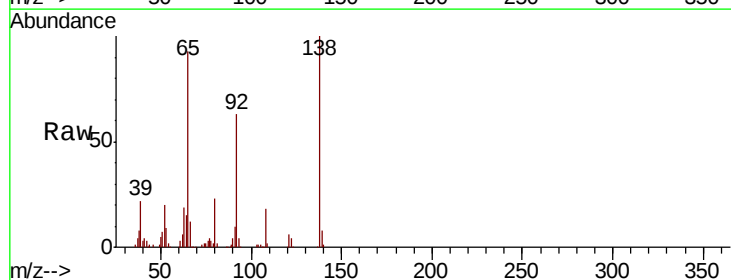
Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

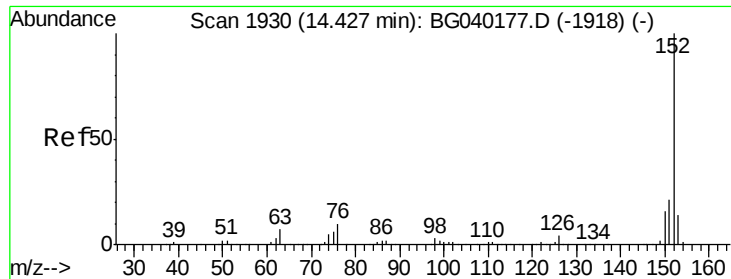
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.6	45.8
164	32.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.115 ng
 RT: 13.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.8	80.6
138	107.1	86.3	129.5





#49

Acenaphthylene

Concen: 42.376 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

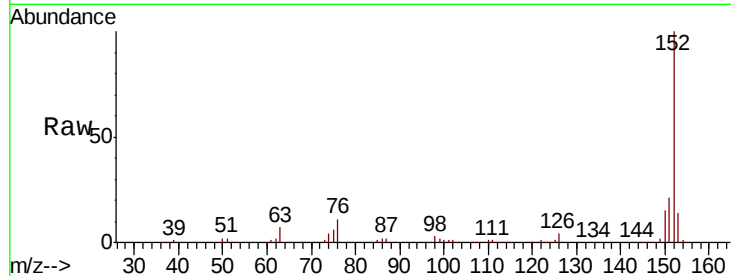
Tgt Ion:152 Resp: 778627

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

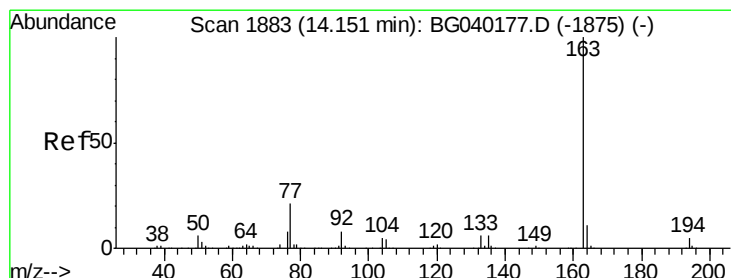
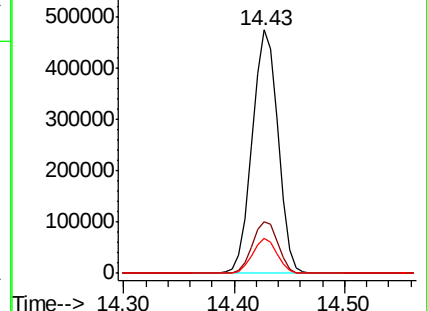
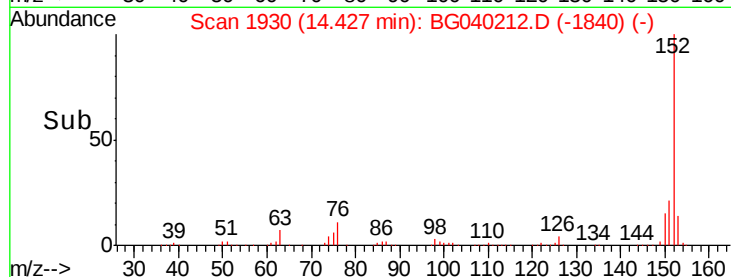
153 14.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.867 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

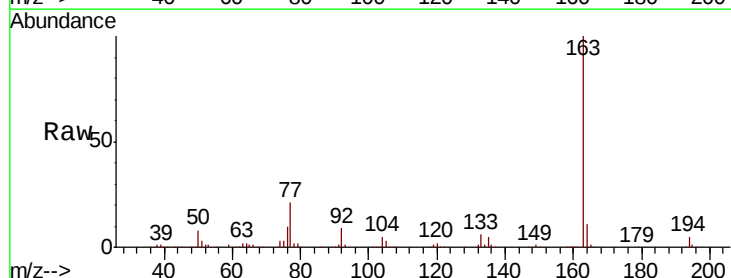
Tgt Ion:163 Resp: 627887

Ion Ratio Lower Upper

163 100

194 4.7 4.1 6.1

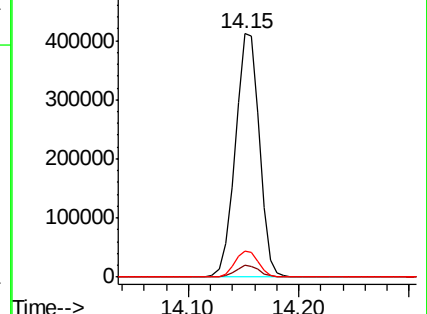
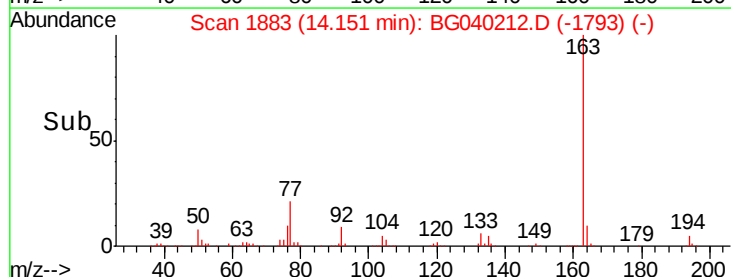
164 10.6 8.6 13.0

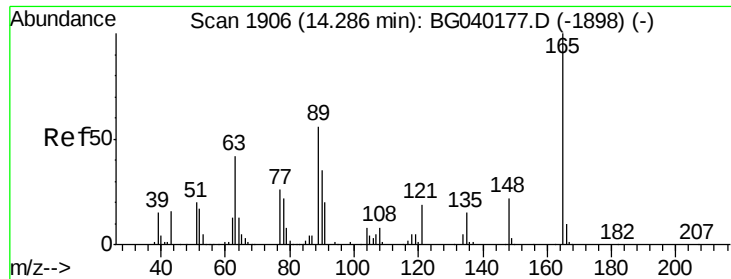


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.106 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

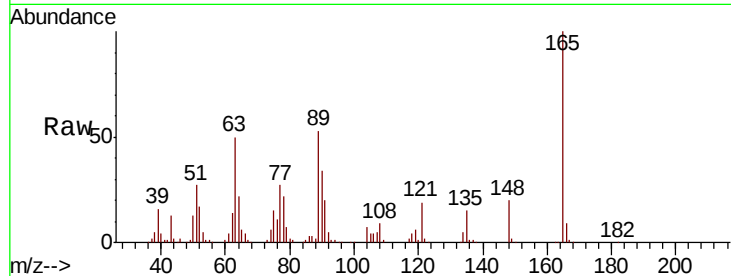
Tgt Ion:165 Resp: 144876

Ion Ratio Lower Upper

165 100

63 50.4 44.1 66.1

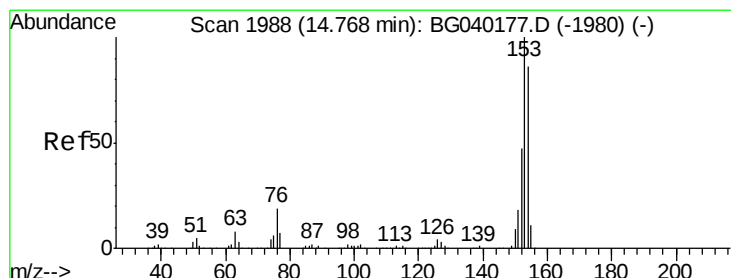
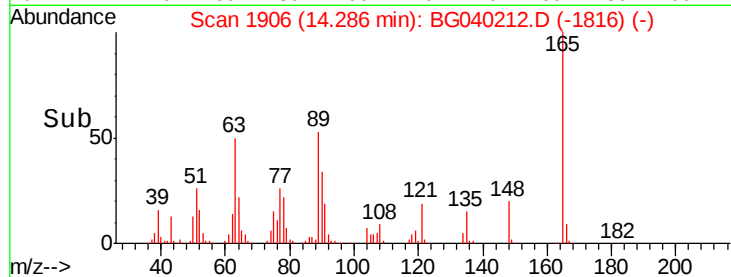
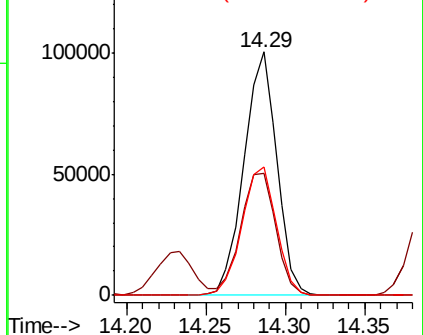
89 52.9 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.211 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

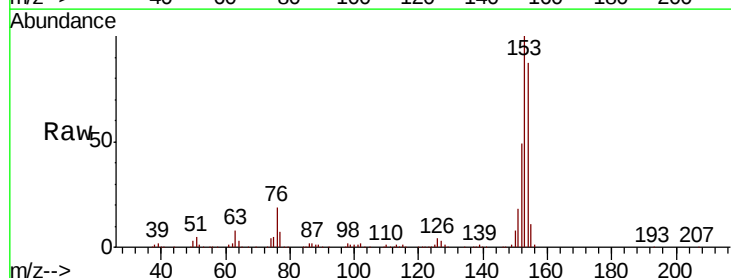
Tgt Ion:154 Resp: 454958

Ion Ratio Lower Upper

154 100

153 114.7 92.8 139.2

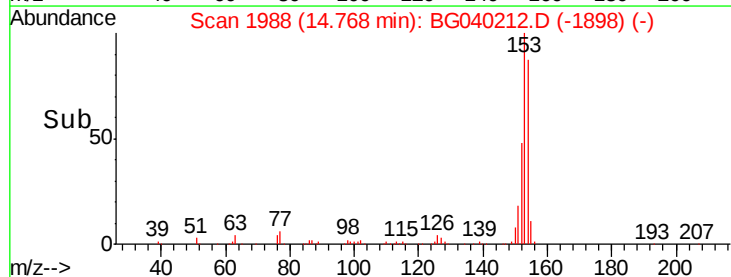
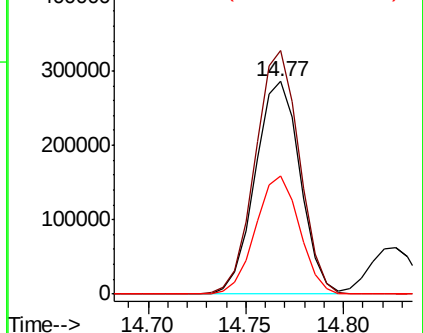
152 55.8 43.4 65.2

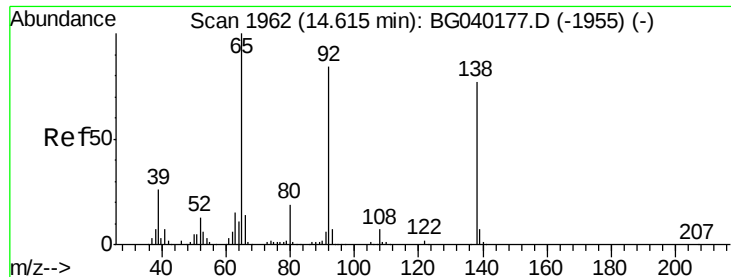


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

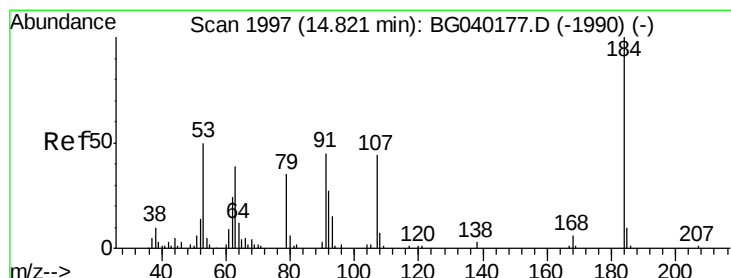
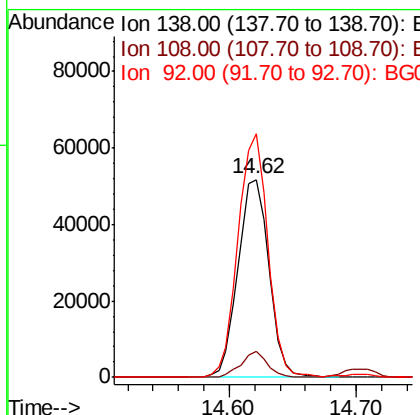
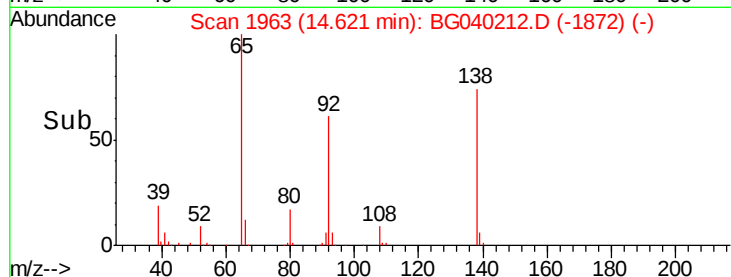
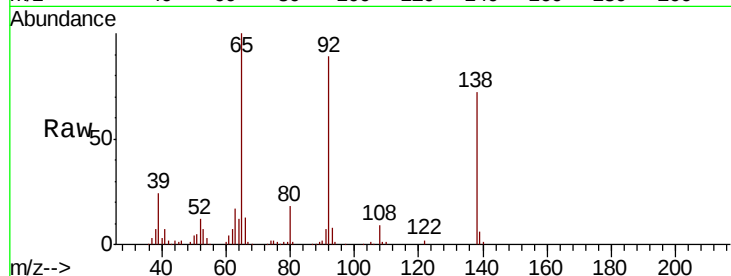




#53
3-Nitroaniline
Concen: 26.411 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

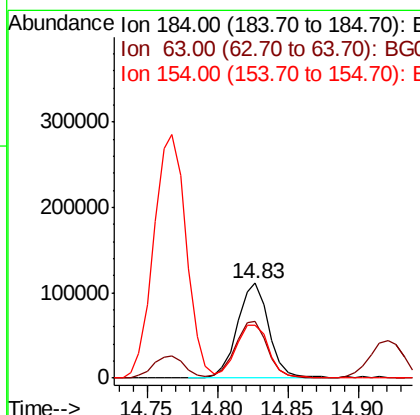
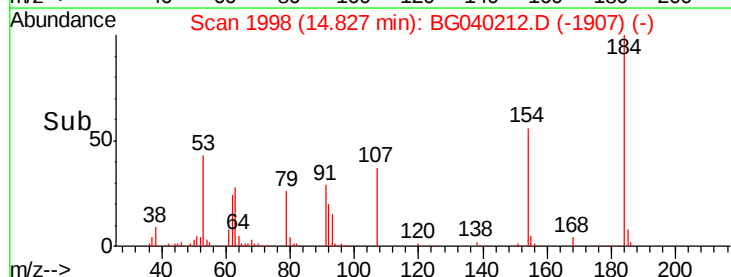
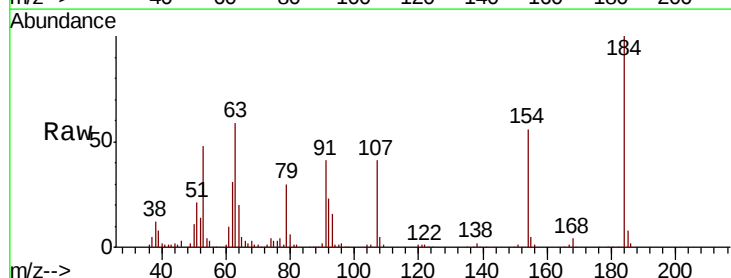
Instrument :
BNA_G
ClientSampleId :
PB118375BS

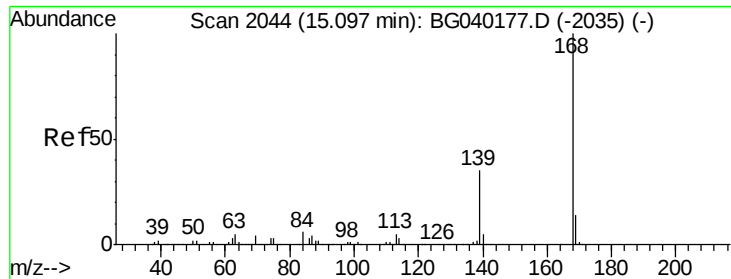
Tgt Ion:138 Resp: 87845
Ion Ratio Lower Upper
138 100
108 13.1 7.8 11.8#
92 123.0 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 104.205 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:184 Resp: 174137
Ion Ratio Lower Upper
184 100
63 59.4 51.8 77.8
154 56.4 50.9 76.3

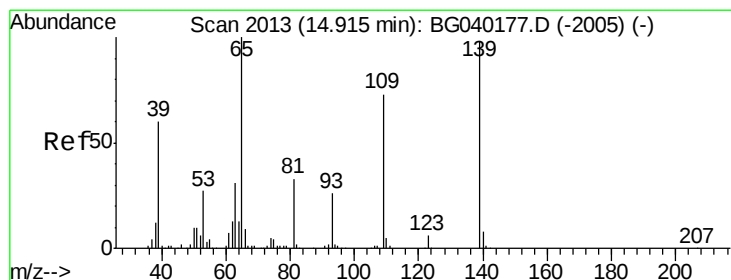
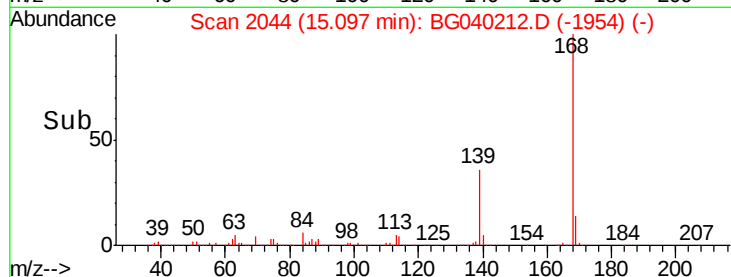
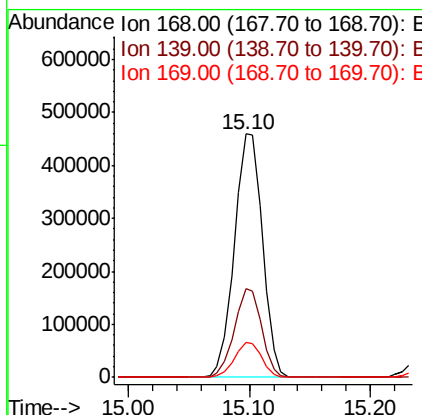
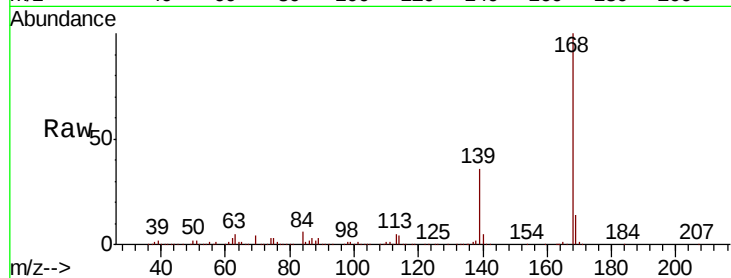




#55
Dibenzenofuran
Concen: 43.946 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

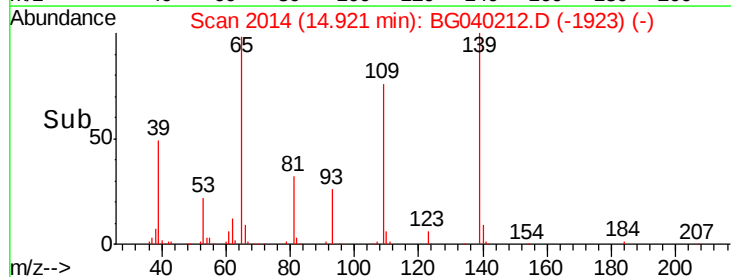
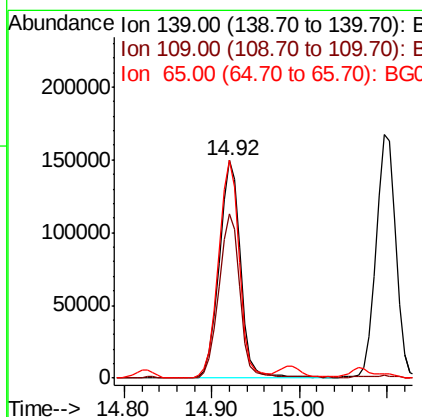
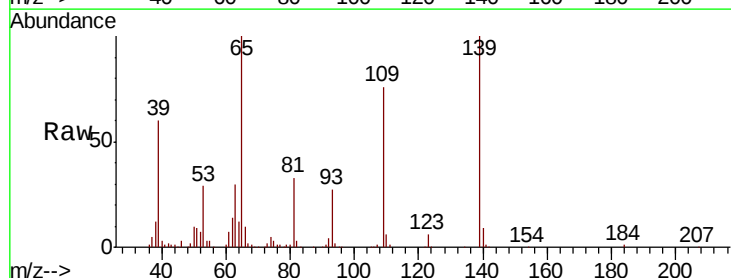
Instrument :
BNA_G
ClientSampleId :
PB118375BS

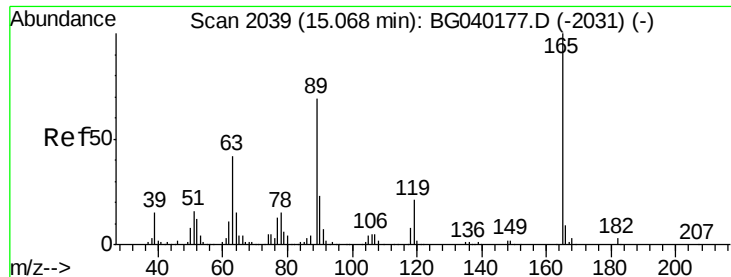
Tgt Ion:168 Resp: 743496
Ion Ratio Lower Upper
168 100
139 36.4 27.9 41.9
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 94.507 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:139 Resp: 253701
Ion Ratio Lower Upper
139 100
109 75.6 54.3 94.3
65 100.0 82.5 122.5

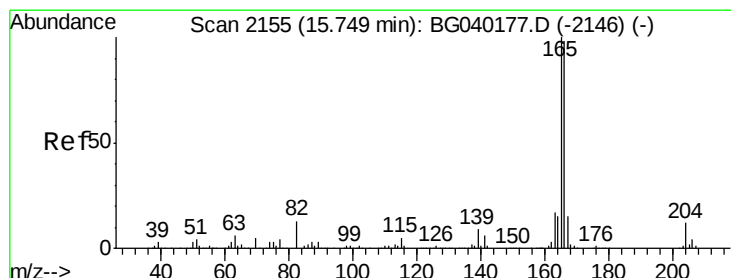
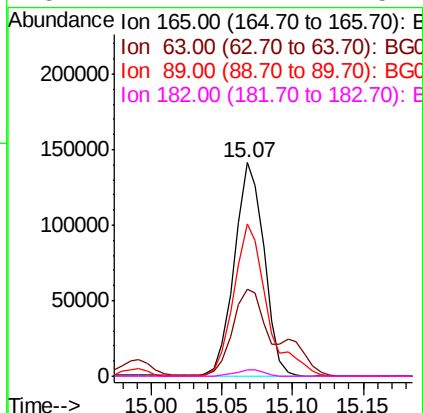
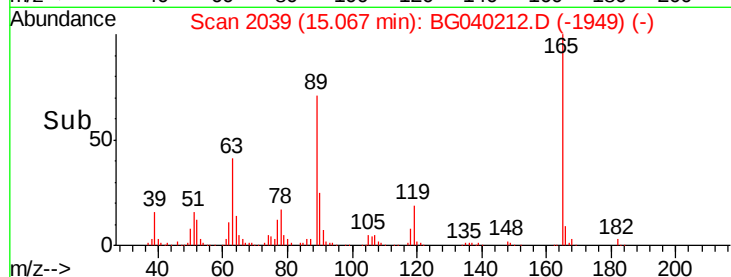
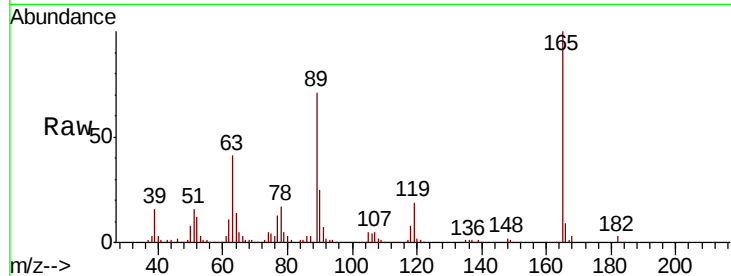




#57
2,4-Dinitrotoluene
Concen: 47.442 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

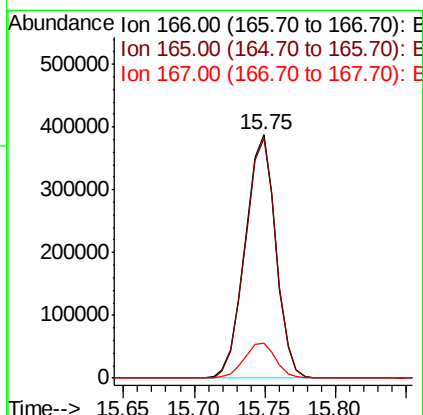
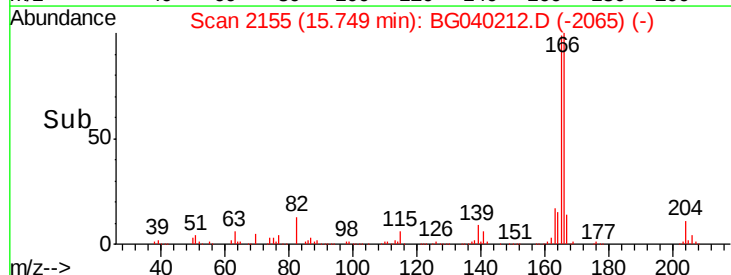
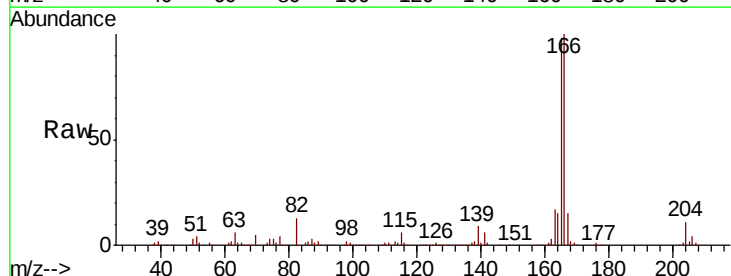
Instrument :
BNA_G
ClientSampleId :
PB118375BS

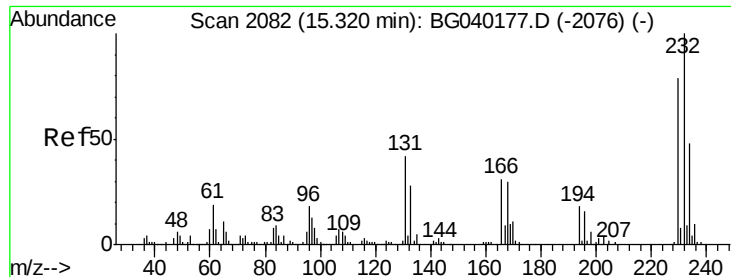
Tgt Ion:165 Resp: 207139
Ion Ratio Lower Upper
165 100
63 40.6 33.8 50.6
89 71.1 55.4 83.2
182 2.7 2.2 3.4



#58
Fluorene
Concen: 44.291 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:166 Resp: 589132
Ion Ratio Lower Upper
166 100
165 98.4 81.7 122.5
167 14.6 11.9 17.9

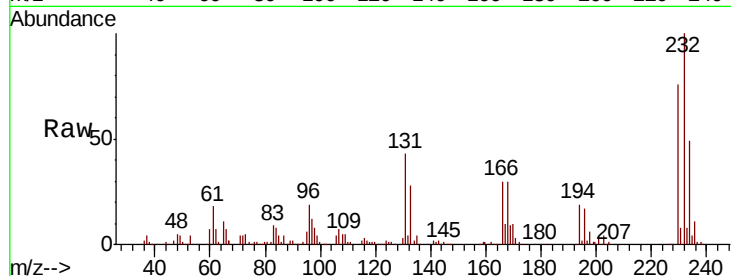




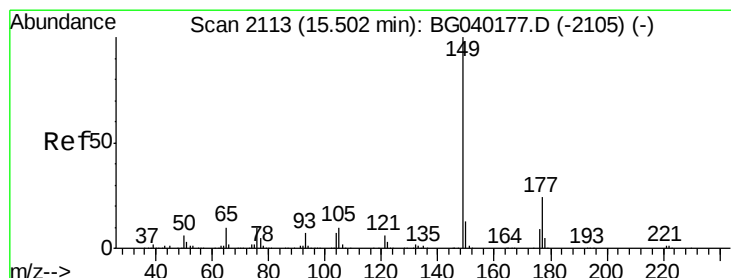
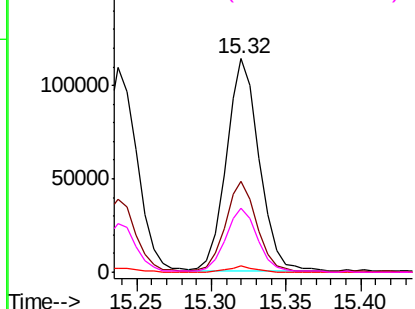
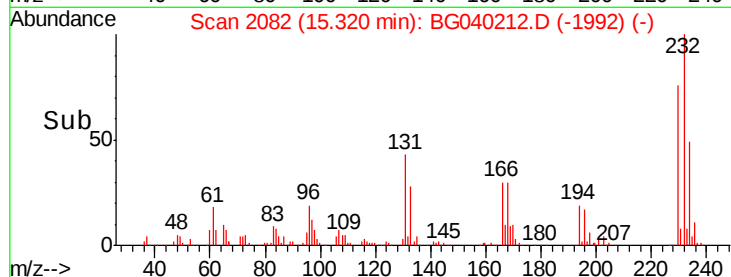
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.236 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tgt Ion:	232	Resp:	174815
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.9	49.3
130	2.3	1.8	2.8
166	29.4	23.5	35.3

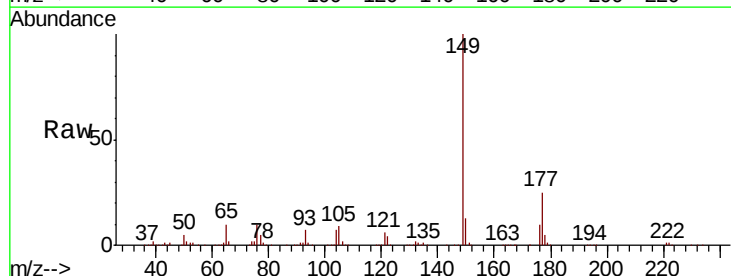


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

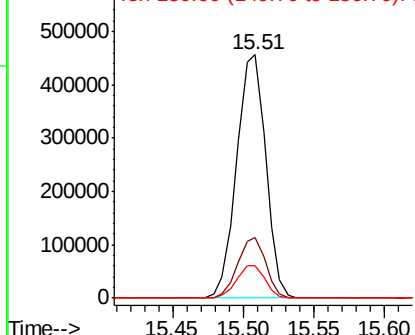
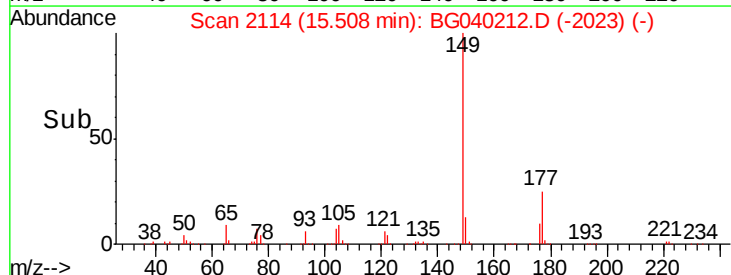


#60
 Diethylphthalate
 Concen: 45.880 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. 0.01 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion:	149	Resp:	657009
Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.1	28.7
150	13.2	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

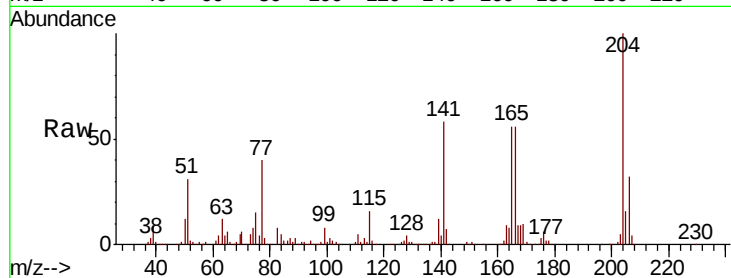




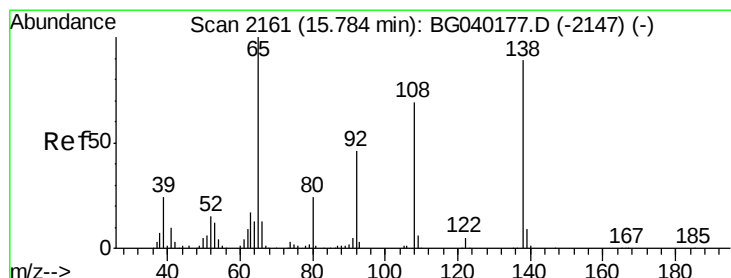
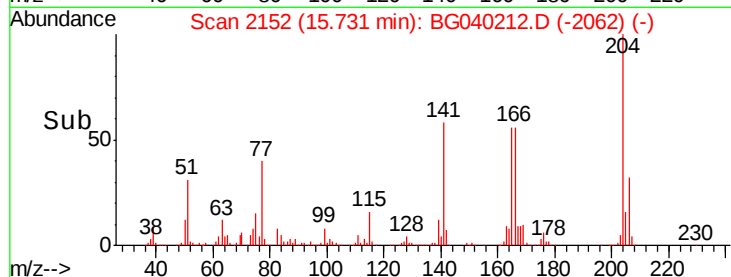
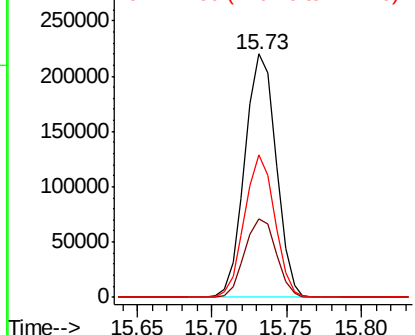
#61
 4-Chlorophenyl-phenylether
 Concen: 44.750 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tgt Ion: 204 Resp: 318169
 Ion Ratio Lower Upper
 204 100
 206 32.2 25.7 38.5
 141 58.3 44.0 66.0

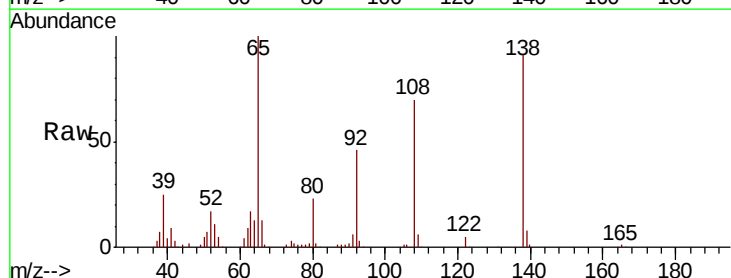


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

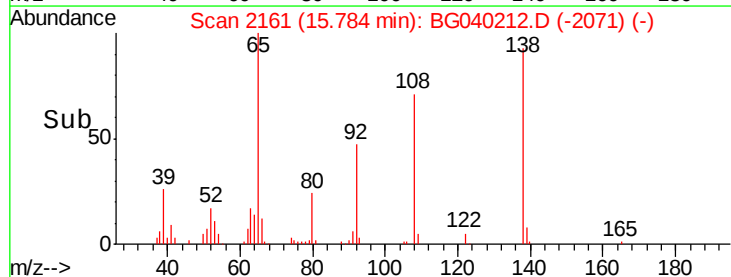
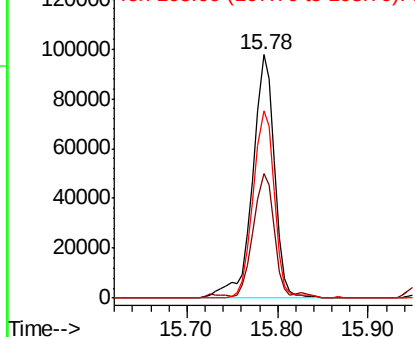


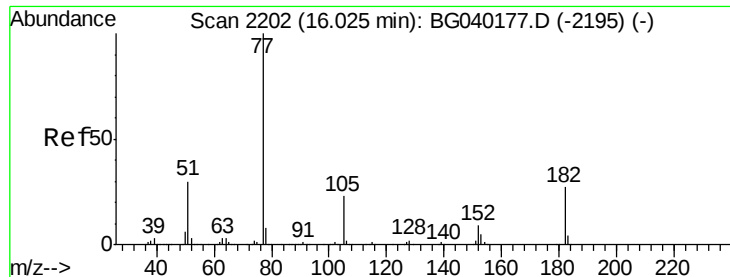
#62
 4-Nitroaniline
 Concen: 45.762 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion: 138 Resp: 163347
 Ion Ratio Lower Upper
 138 100
 92 51.0 31.8 71.8
 108 76.8 57.2 97.2



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





#63

Azobenzene

Concen: 44.289 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

Tgt Ion: 77 Resp: 598241

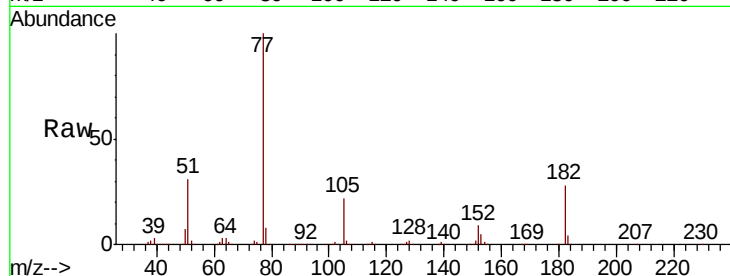
Ion Ratio Lower Upper

77 100

182 28.5 7.2 47.2

105 22.1 2.8 42.8

51 30.6 10.4 50.4

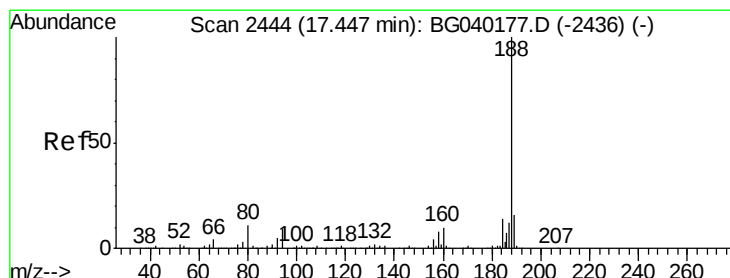
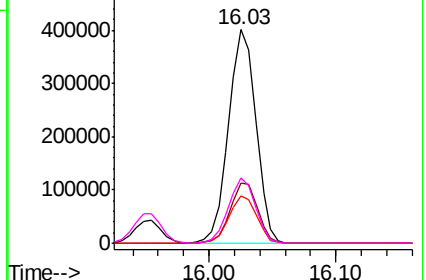
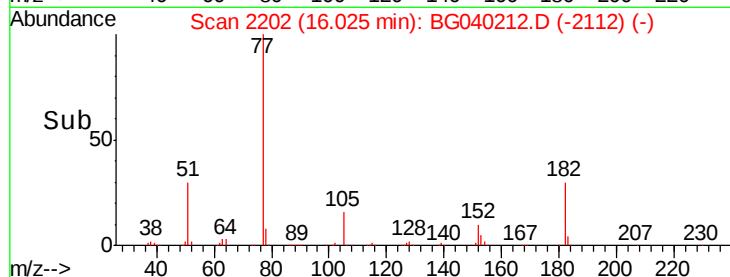


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

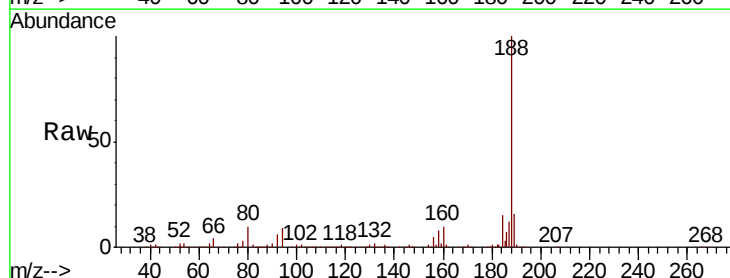
Tgt Ion: 188 Resp: 458360

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

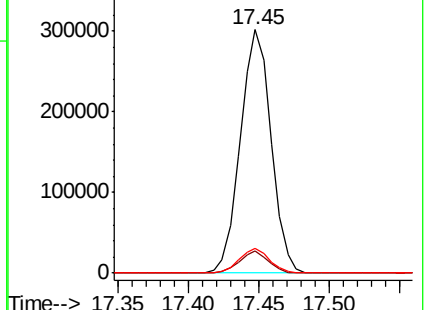
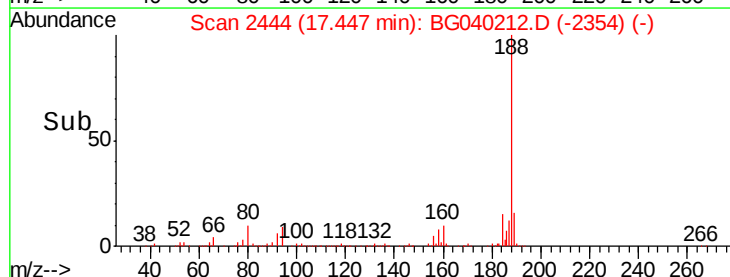
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

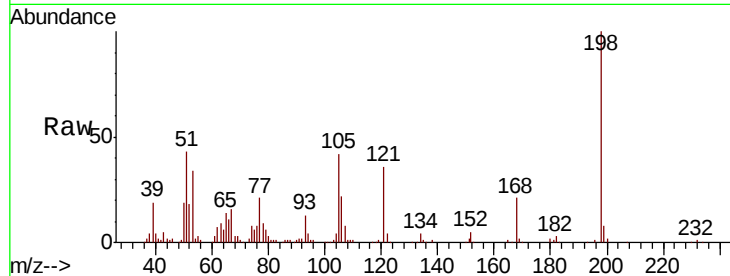




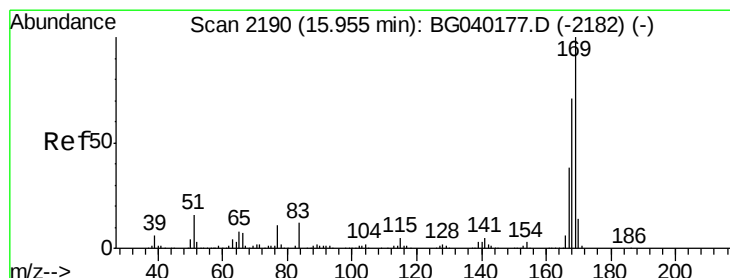
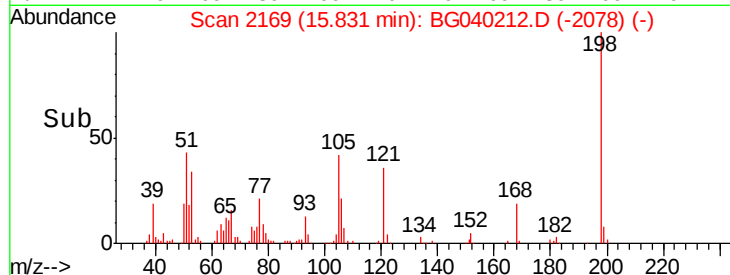
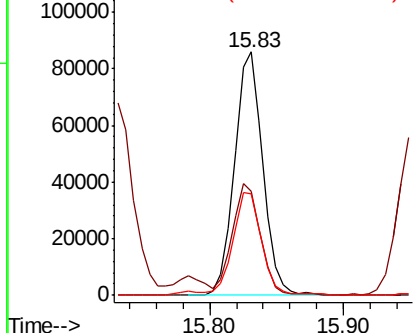
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.988 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.01 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tgt Ion:198 Resp: 126151
 Ion Ratio Lower Upper
 198 100
 51 42.8 27.3 67.3
 105 41.8 21.7 61.7

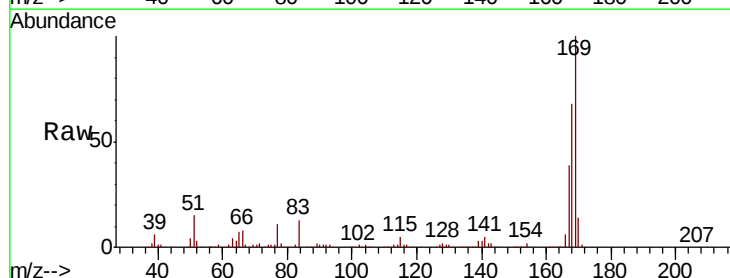


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

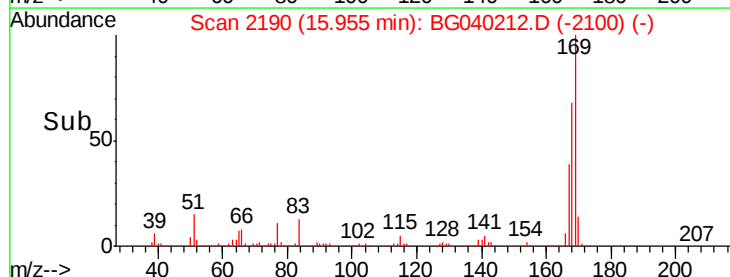
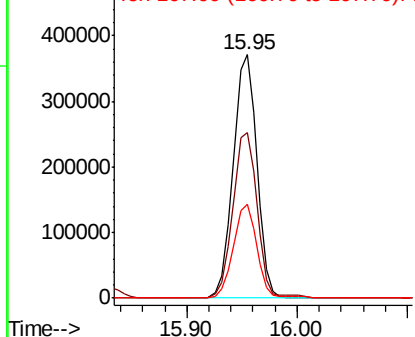


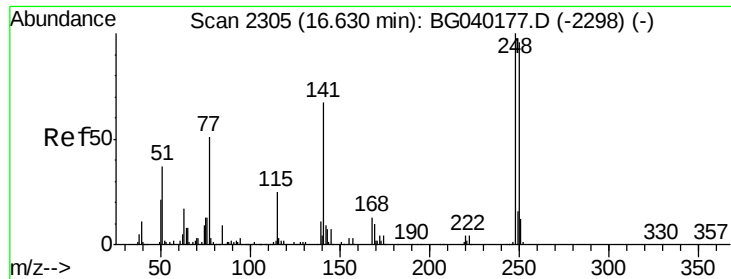
#66
 n-Nitrosodiphenylamine
 Concen: 41.665 ng
 RT: 15.95 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion:169 Resp: 558844
 Ion Ratio Lower Upper
 169 100
 168 67.8 56.8 85.2
 167 38.6 30.2 45.4



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

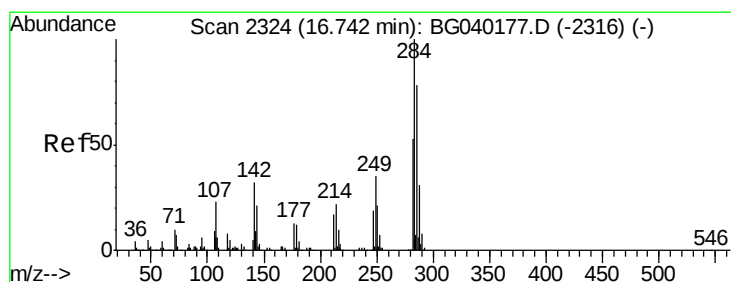
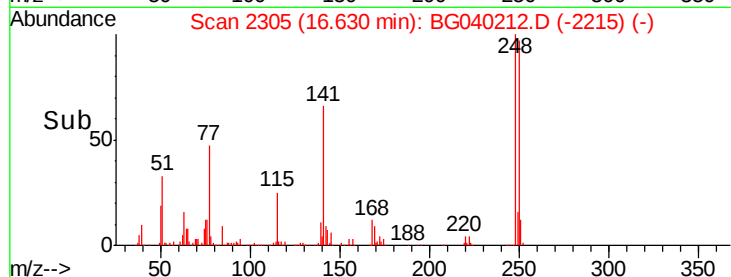
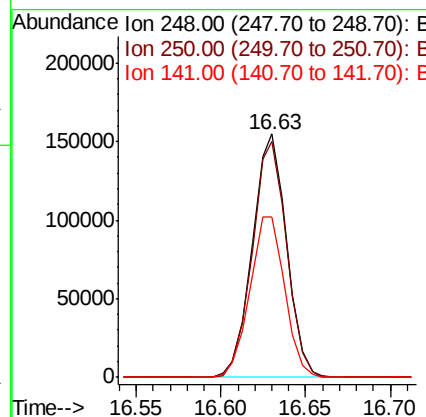
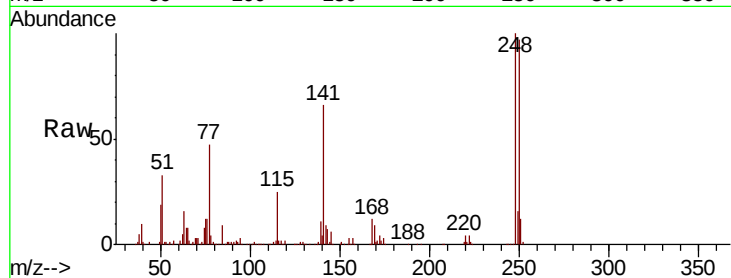




#67
4-Bromophenyl-phenylether
Concen: 42.080 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

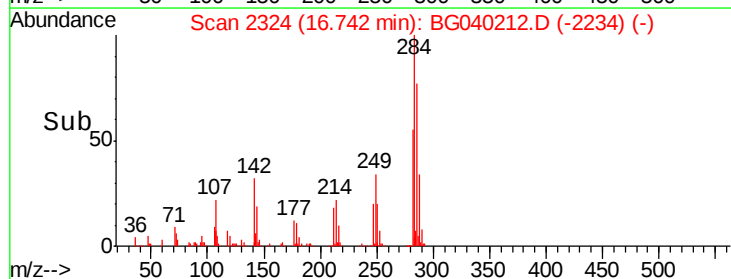
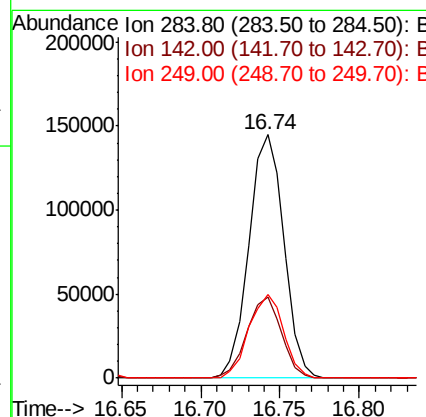
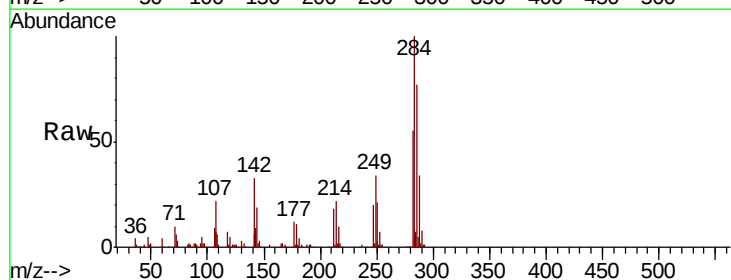
Instrument :
BNA_G
ClientSampleId :
PB118375BS

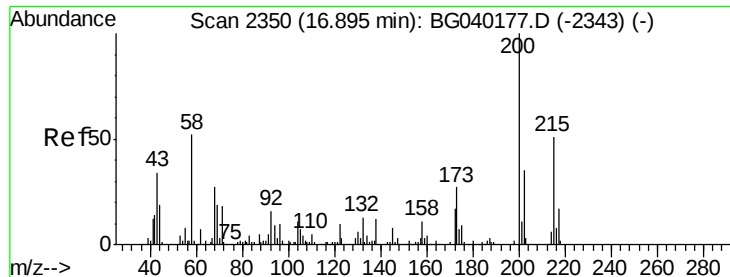
Tgt Ion:248 Resp: 217057
Ion Ratio Lower Upper
248 100
250 96.8 76.4 114.6
141 66.1 53.8 80.8



#68
Hexachlorobenzene
Concen: 42.778 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:284 Resp: 221861
Ion Ratio Lower Upper
284 100
142 33.0 25.3 37.9
249 34.3 28.2 42.2





#69

Atrazine

Concen: 40.843 ng

RT: 16.89 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

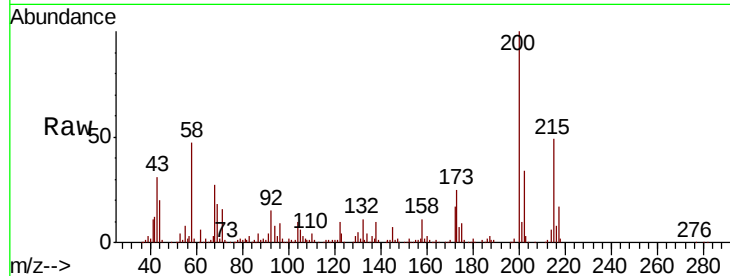
Tgt Ion:200 Resp: 203786

Ion Ratio Lower Upper

200 100

173 24.7 7.1 47.1

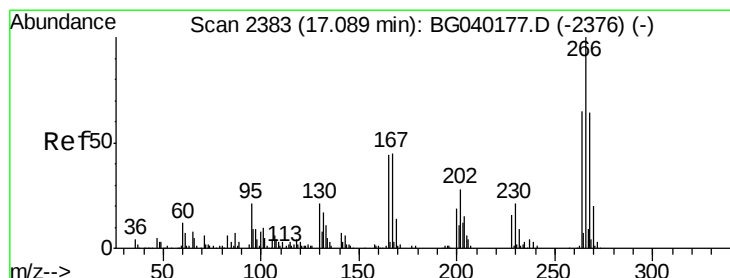
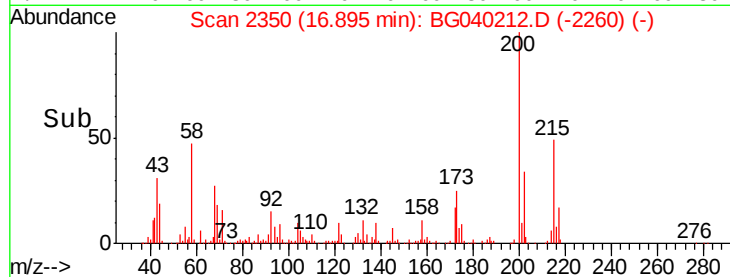
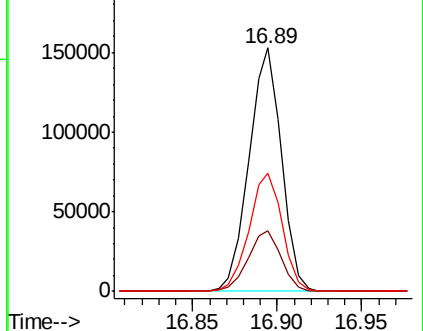
215 48.6 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.829 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

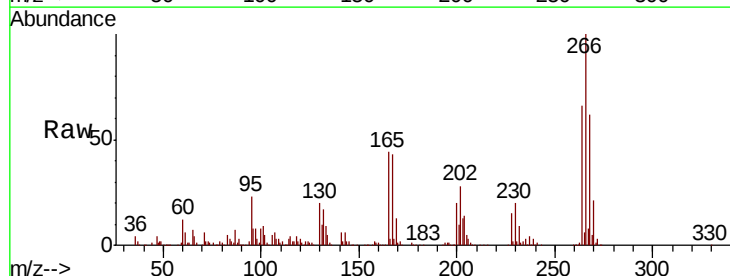
Tgt Ion:266 Resp: 275339

Ion Ratio Lower Upper

266 100

268 61.8 55.0 82.4

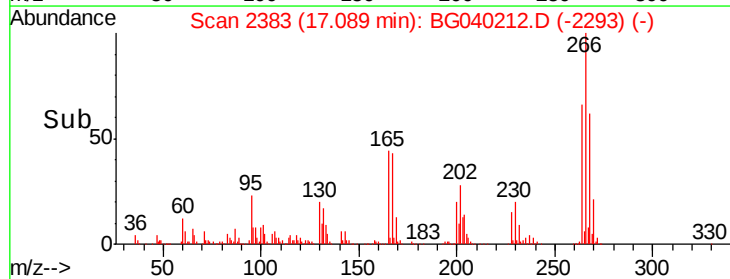
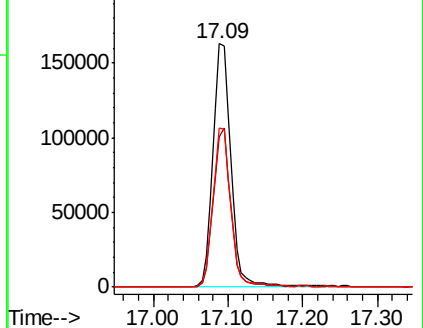
264 65.5 51.8 77.8

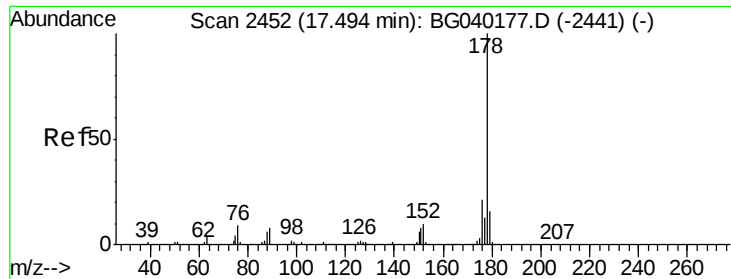


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

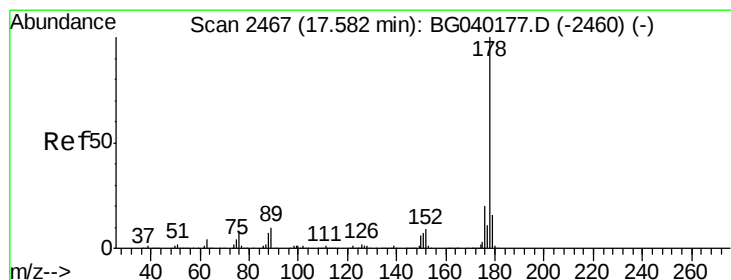
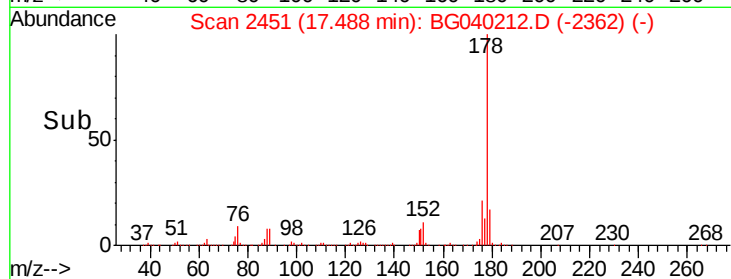
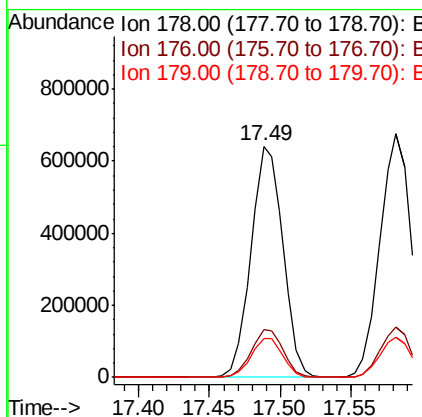
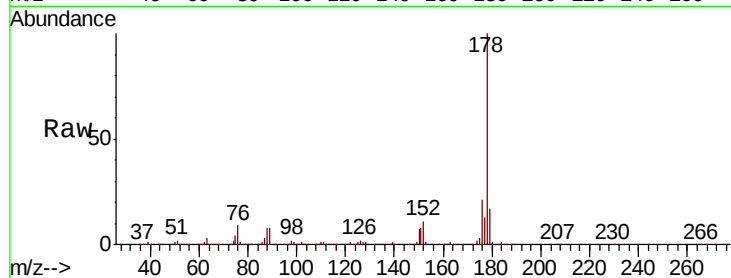




#71
Phenanthrene
Concen: 42.341 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

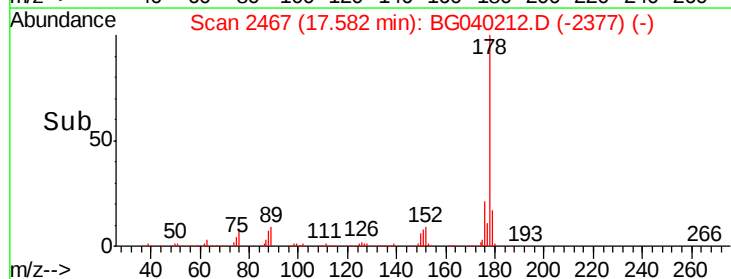
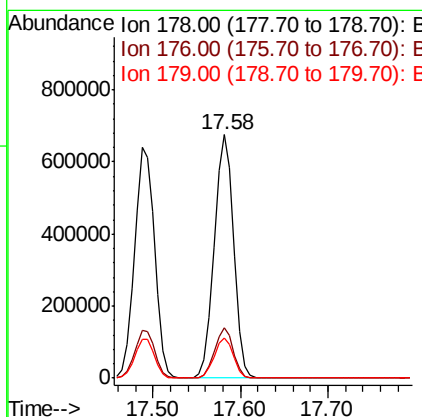
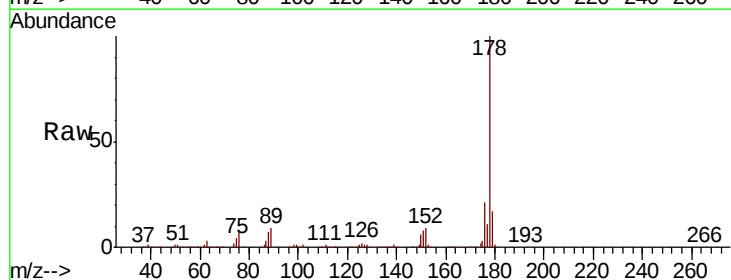
Instrument :
BNA_G
ClientSampleId :
PB118375BS

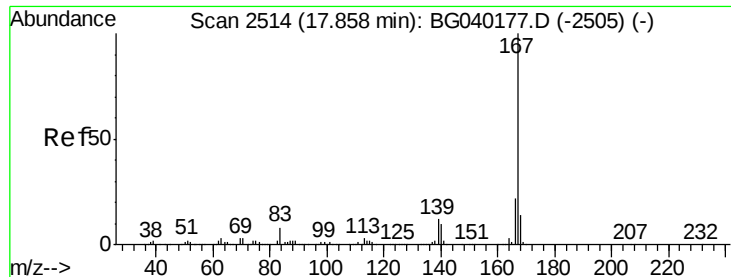
Tgt Ion:178 Resp: 1020096
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 17.1 12.8 19.2



#72
Anthracene
Concen: 43.211 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:178 Resp: 1042010
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.7 12.9 19.3





#73

Carbazole

Concen: 43.338 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

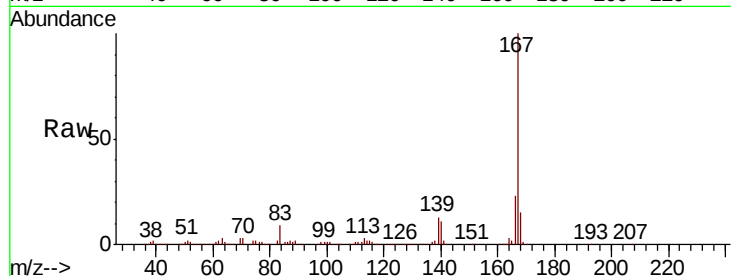
Tgt Ion:167 Resp: 989042

Ion Ratio Lower Upper

167 100

166 22.6 17.5 26.3

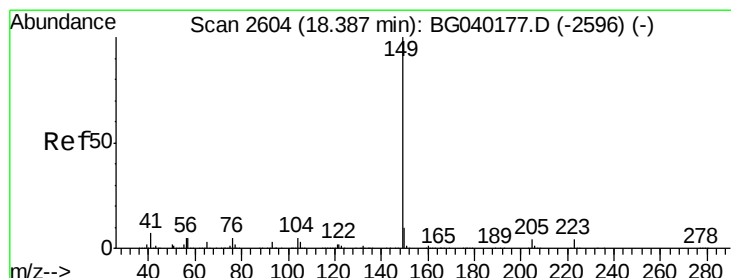
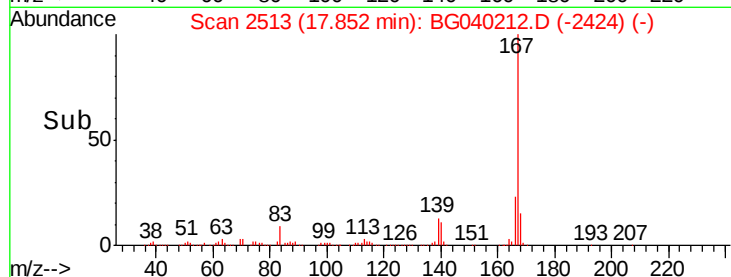
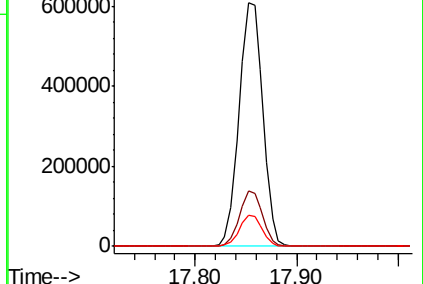
139 12.5 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.888 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

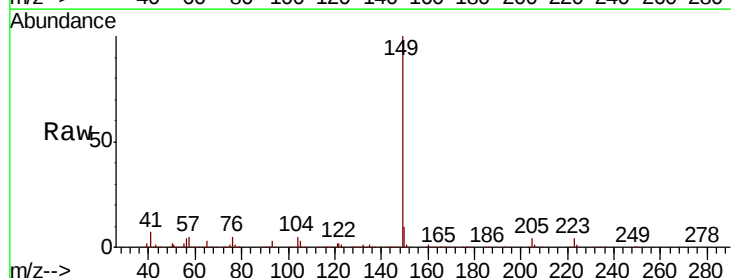
Tgt Ion:149 Resp: 1160181

Ion Ratio Lower Upper

149 100

150 10.1 7.9 11.9

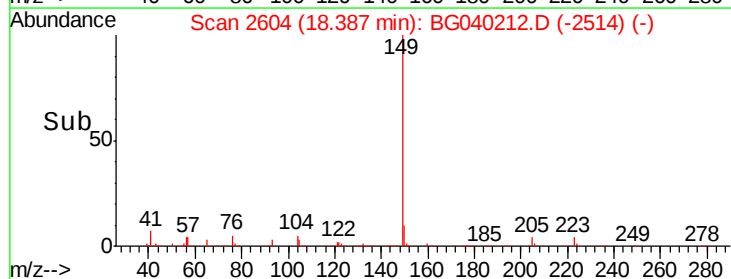
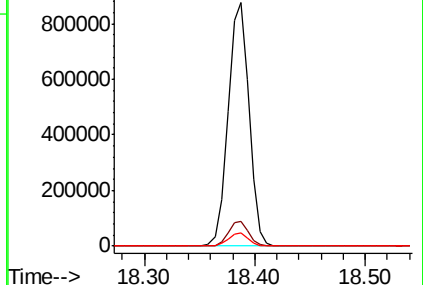
104 5.3 4.1 6.1

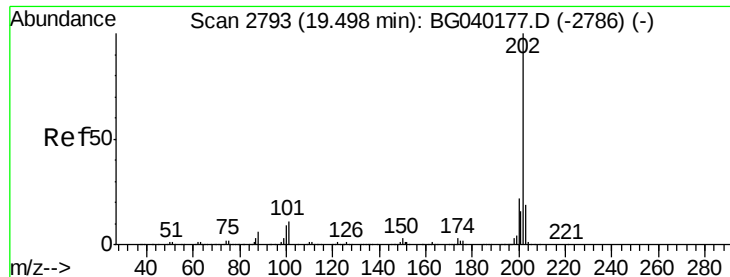


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.619 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

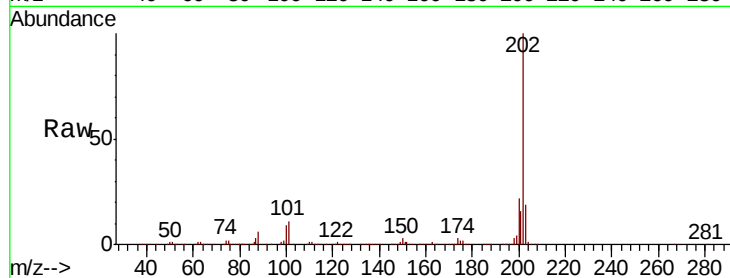
Tgt Ion:202 Resp: 1244381

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

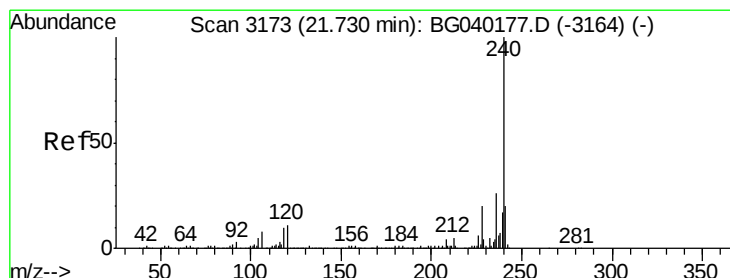
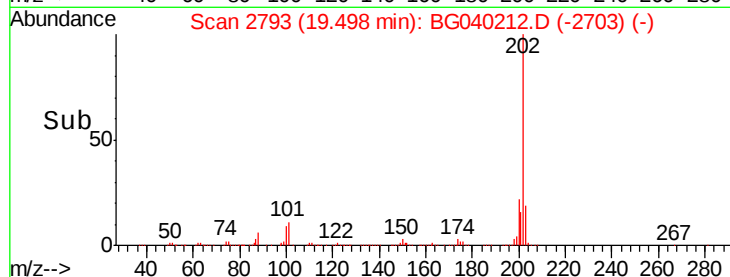
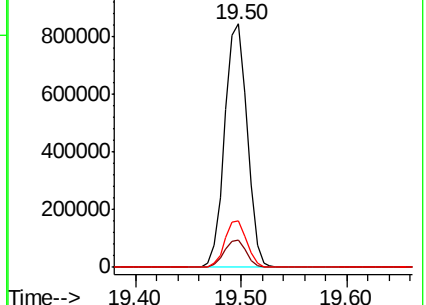
203 19.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

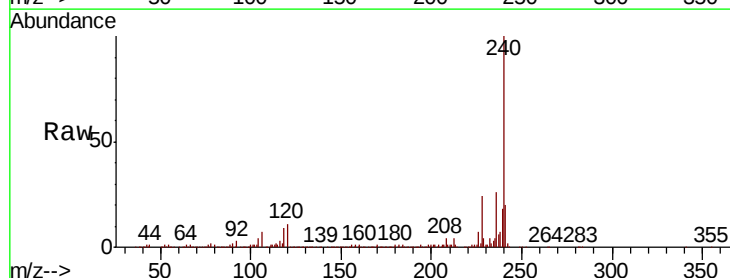
Tgt Ion:240 Resp: 441867

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

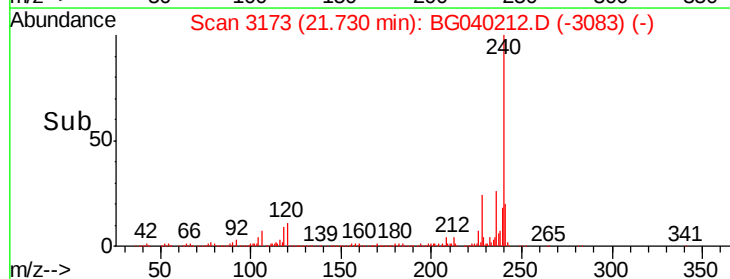
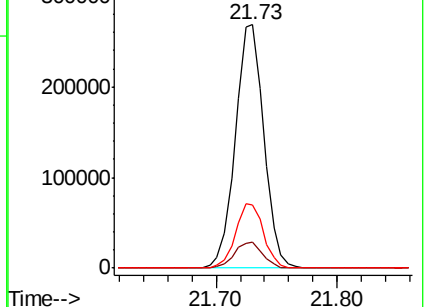
236 25.9 20.8 31.2

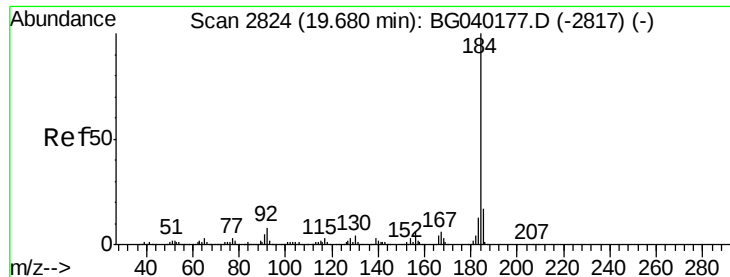


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.614 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

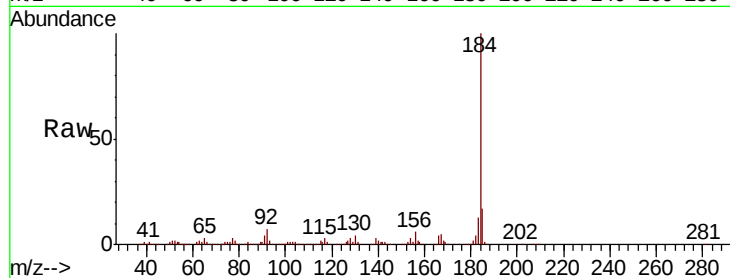
Tgt Ion:184 Resp: 472533

Ion Ratio Lower Upper

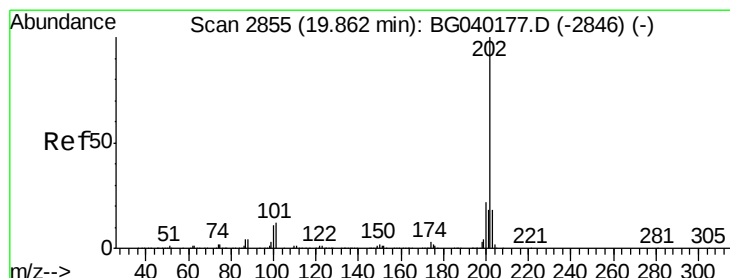
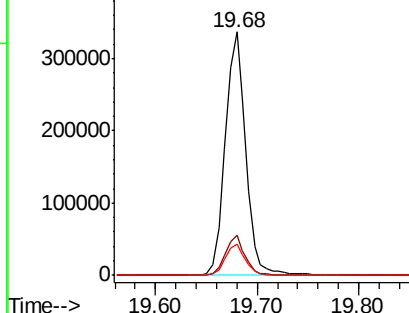
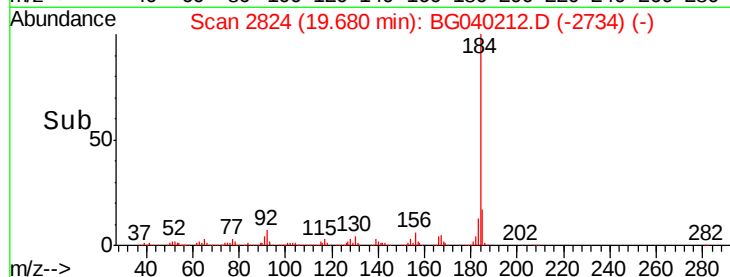
184 100

185 16.6 13.3 19.9

183 12.7 10.3 15.5



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



#78

Pyrene

Concen: 42.654 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

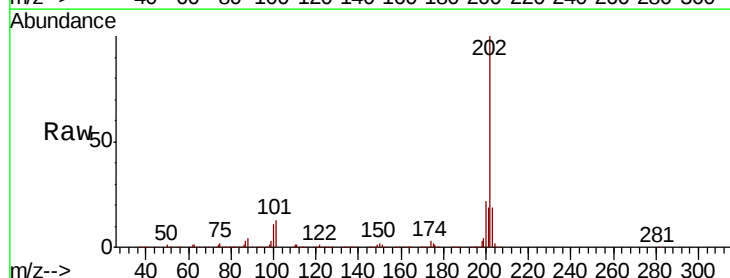
Tgt Ion:202 Resp: 1239435

Ion Ratio Lower Upper

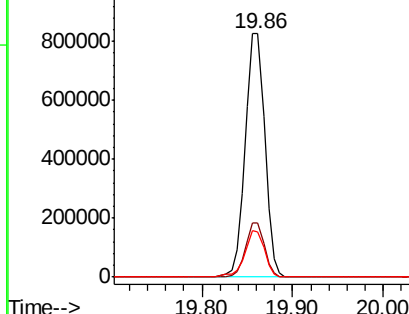
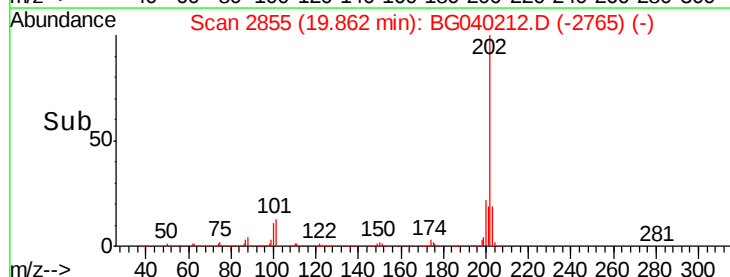
202 100

200 22.4 17.3 25.9

203 18.8 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.612 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

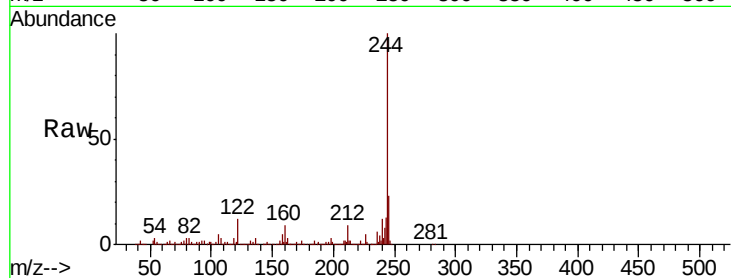
Tgt Ion:244 Resp: 1661916

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

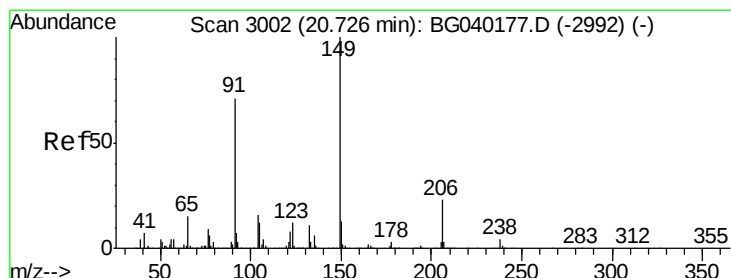
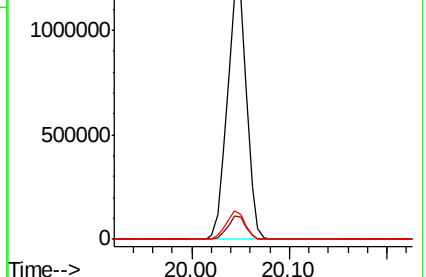
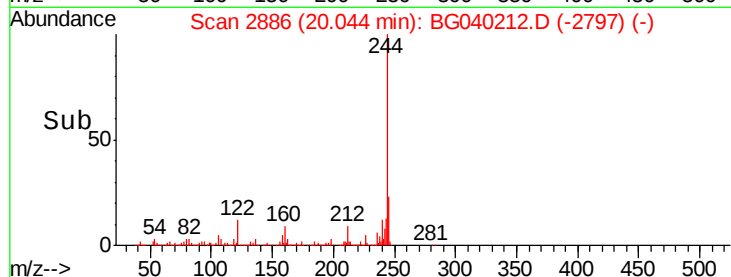
122 11.6 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.764 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

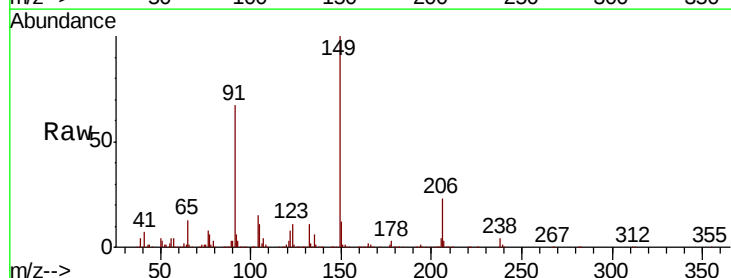
Tgt Ion:149 Resp: 544163

Ion Ratio Lower Upper

149 100

91 66.5 57.0 85.4

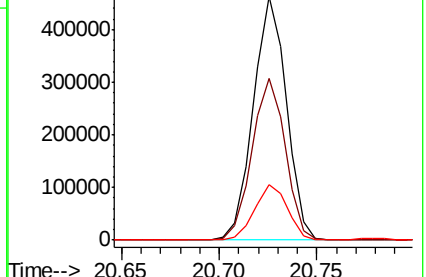
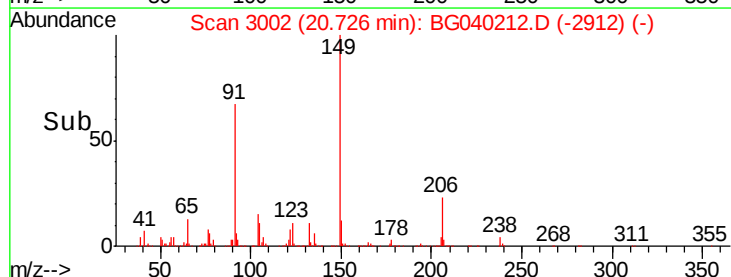
206 22.5 18.2 27.4

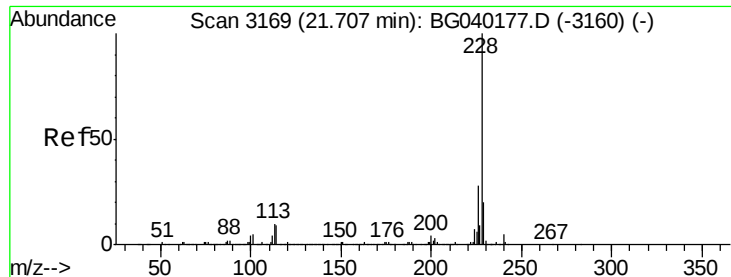


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

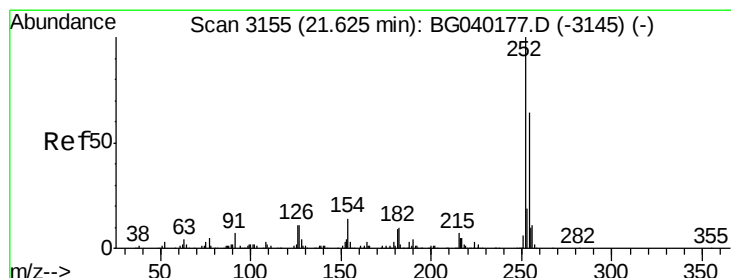
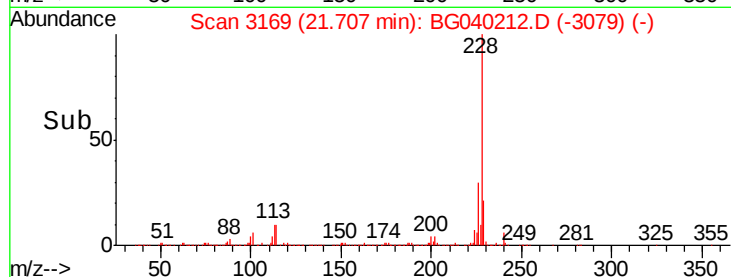
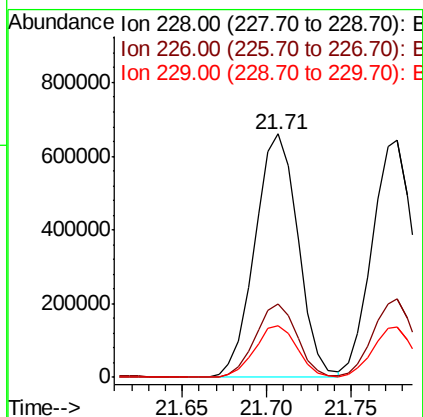
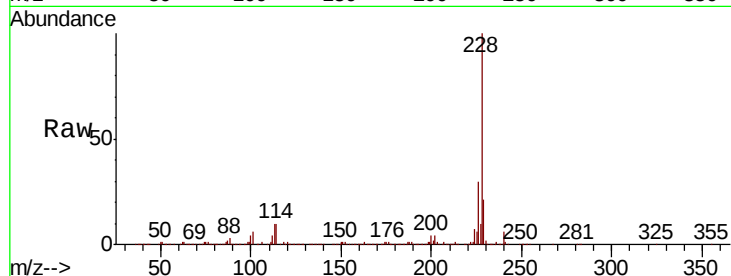




#81
Benzo(a)anthracene
Concen: 43.017 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

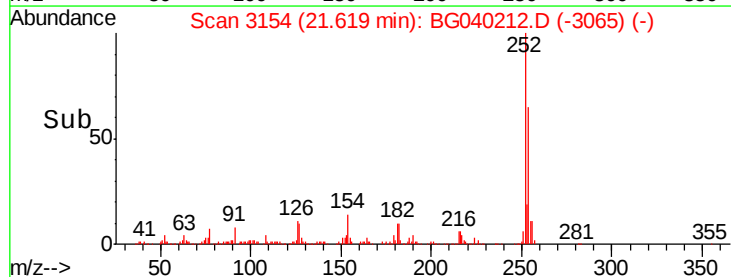
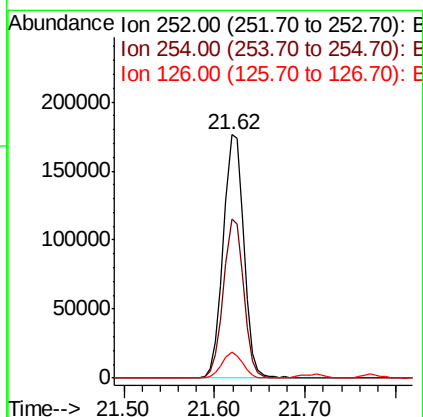
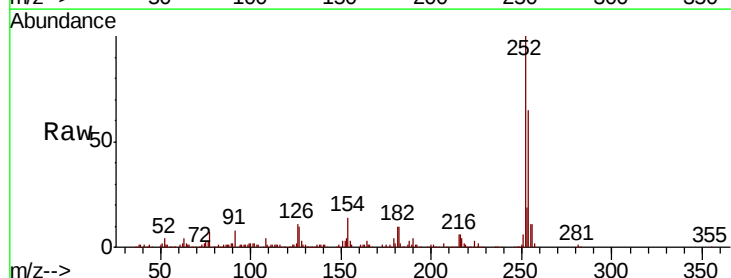
Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:228 Resp: 1170780
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 21.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 26.865 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:252 Resp: 278143
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 10.9 8.5 12.7





#83

Chrysene

Concen: 41.931 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

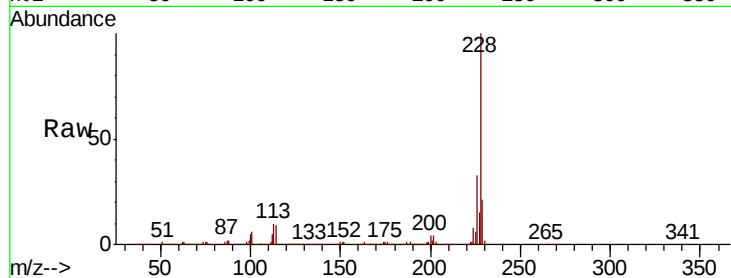
Tgt Ion:228 Resp: 1096782

Ion Ratio Lower Upper

228 100

226 33.2 25.4 38.0

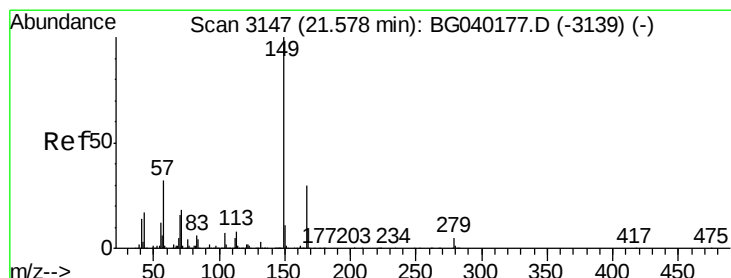
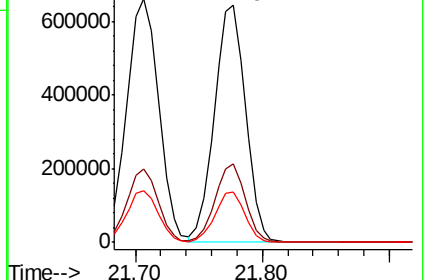
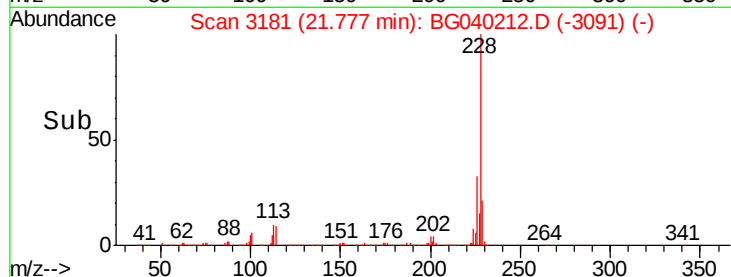
229 21.5 17.0 25.4



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: 42.432 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

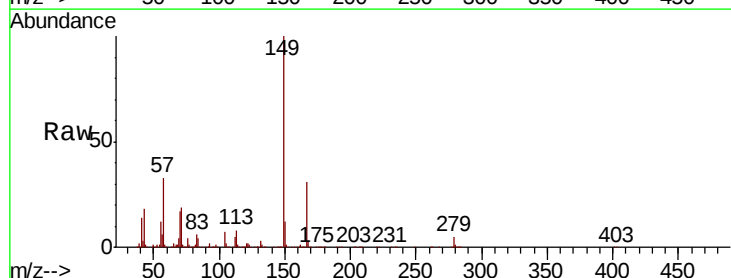
Tgt Ion:149 Resp: 754190

Ion Ratio Lower Upper

149 100

167 31.0 24.1 36.1

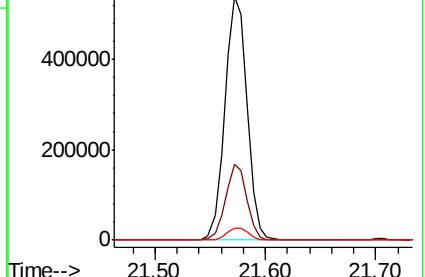
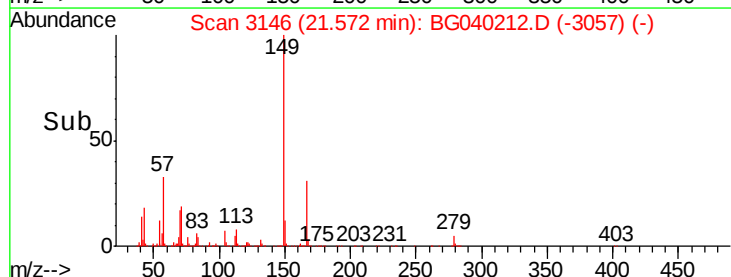
279 4.8 4.1 6.1

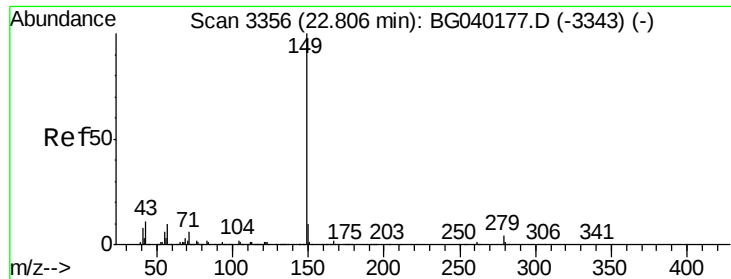


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.422 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

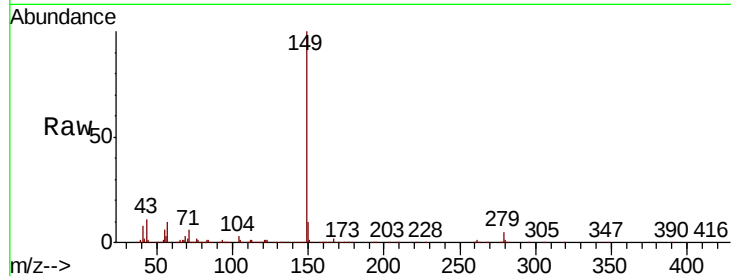
Tgt Ion:149 Resp: 1284682

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

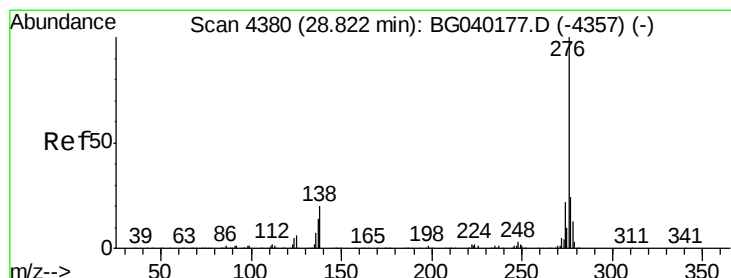
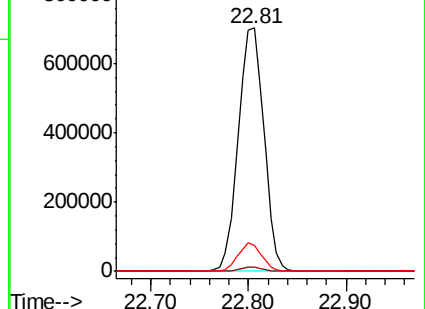
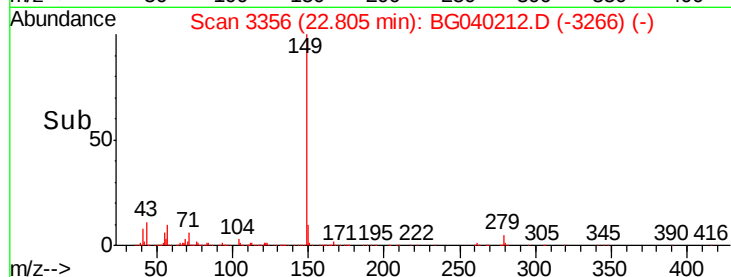
43 10.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.467 ng

RT: 28.82 min Scan# 4380

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

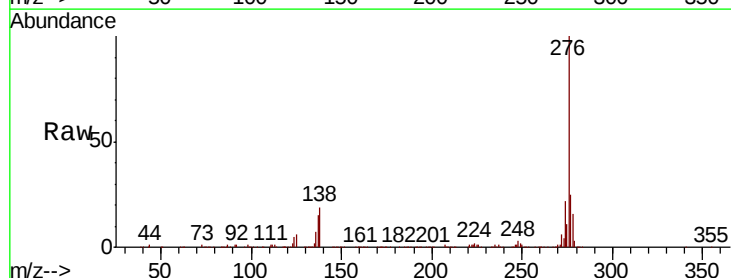
Tgt Ion:276 Resp: 1390575

Ion Ratio Lower Upper

276 100

138 23.2 18.8 28.2

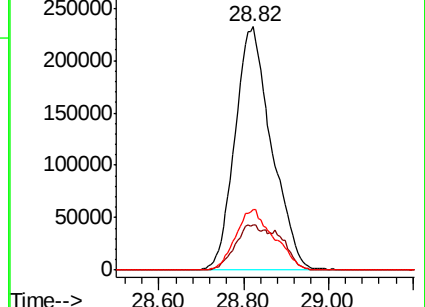
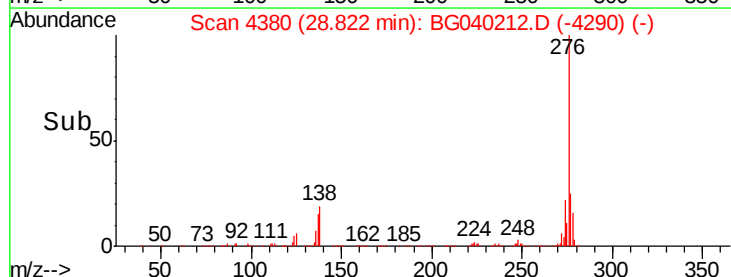
277 26.0 21.0 31.4

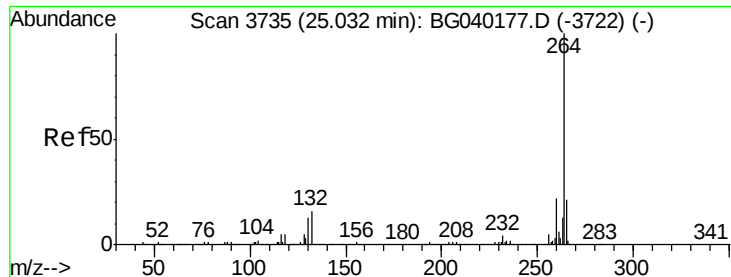


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

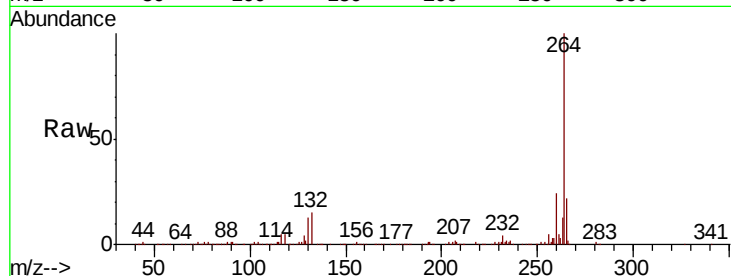
Tgt Ion:264 Resp: 436726

Ion Ratio Lower Upper

264 100

260 24.4 17.9 26.9

265 21.7 16.8 25.2

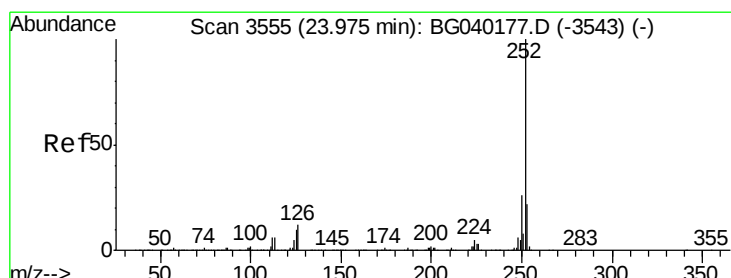
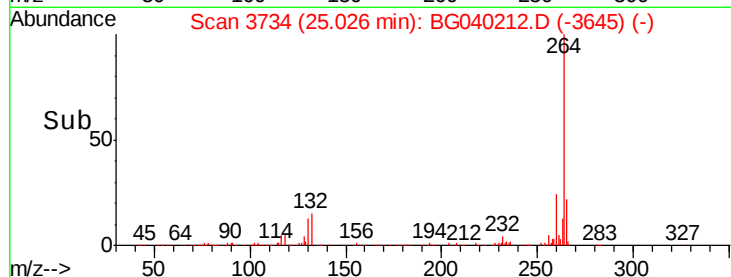
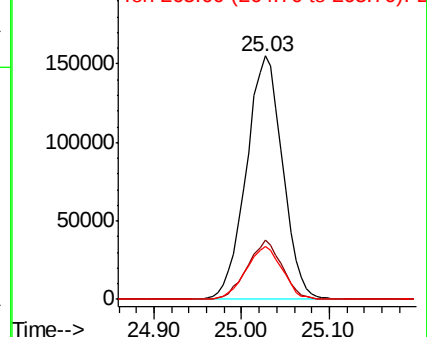


Abundance

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: 45.050 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

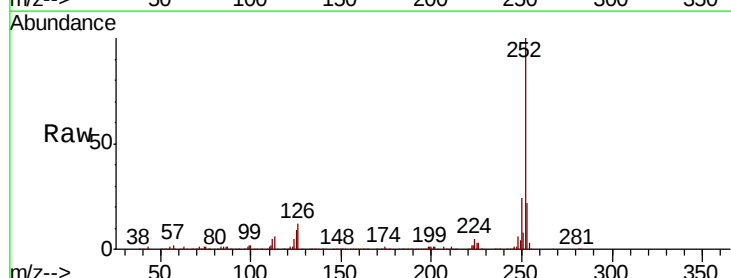
Tgt Ion:252 Resp: 1204546

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.4 8.2 12.4

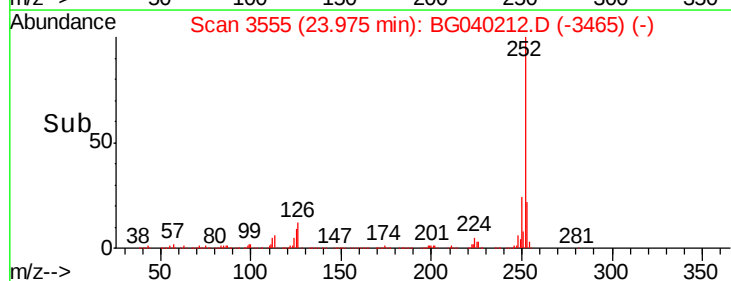
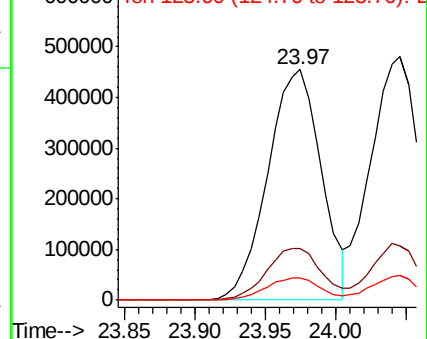


Abundance

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: 47.492 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

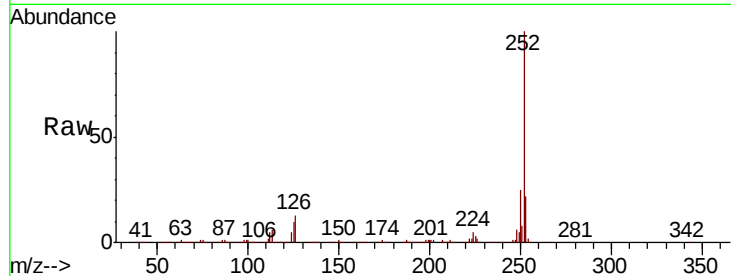
Tgt Ion:252 Resp: 1167776

Ion Ratio Lower Upper

252 100

253 22.3 18.6 28.0

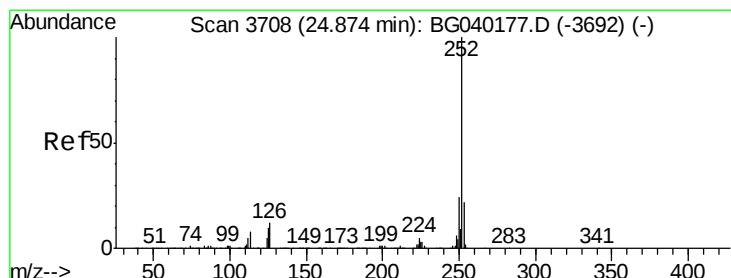
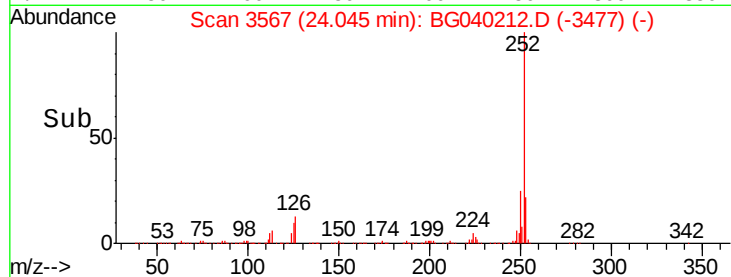
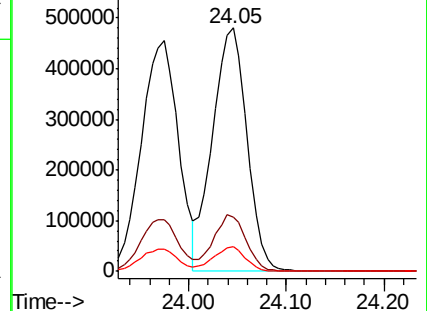
125 10.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.435 ng

RT: 24.87 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

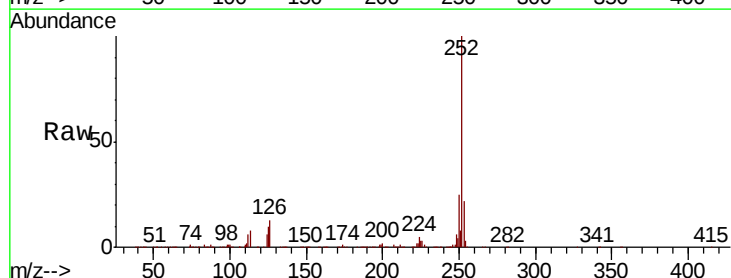
Tgt Ion:252 Resp: 1190009

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

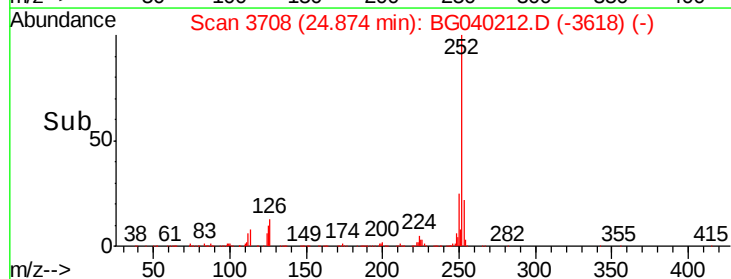
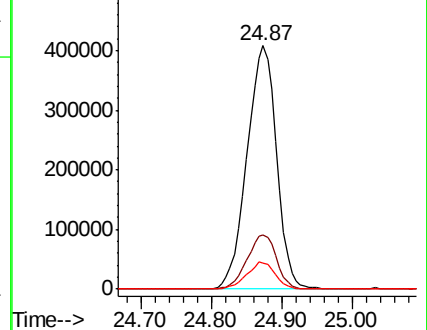
125 10.4 8.3 12.5

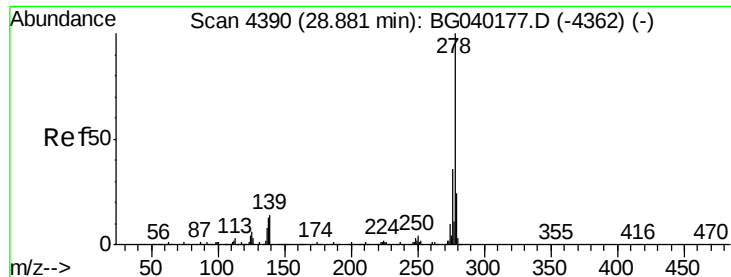


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

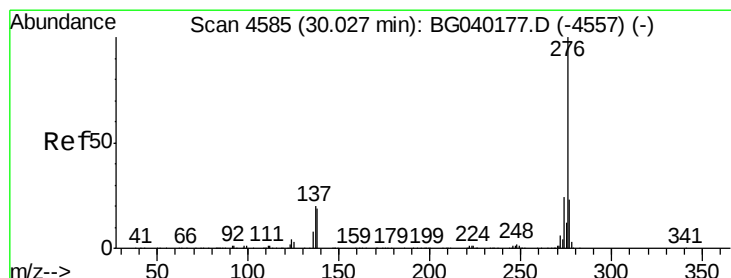
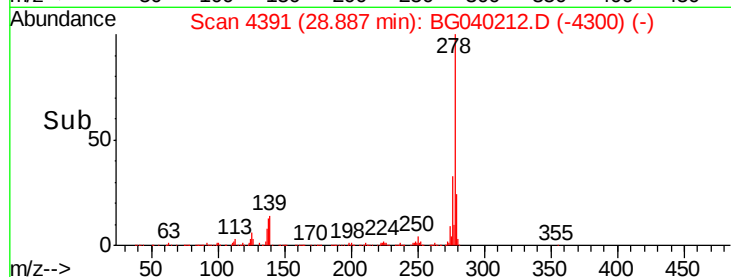
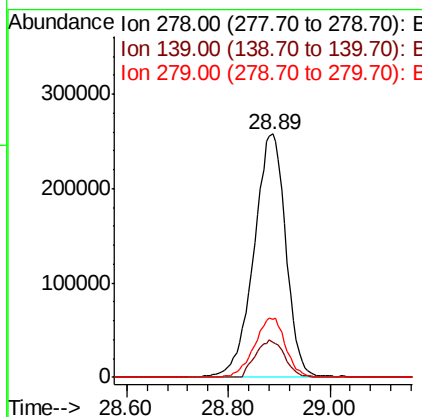
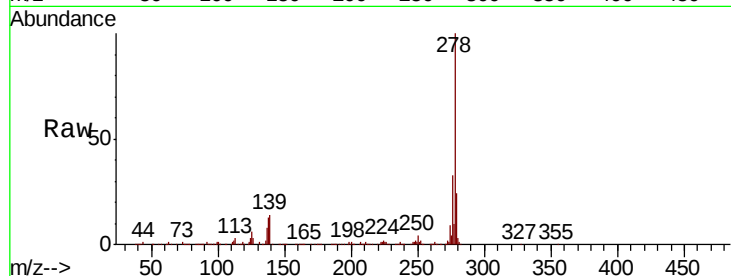




#91
Dibenzo(a,h)anthracene
Concen: 48.322 ng
RT: 28.89 min Scan# 4391
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tgt Ion:278 Resp: 1125904
Ion Ratio Lower Upper
278 100
139 14.2 11.2 16.8
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.523 ng
RT: 30.02 min Scan# 4584
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:276 Resp: 1161914
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 19.1 15.2 22.8

