

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040347.D
 Acq On : 4 Apr 2019 5:55
 Operator : JU/SJ
 Sample : PB118527BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:53:39 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	8.05	152	79881	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	315421	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	194563	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	481843	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	517274	20.00	ng	-0.03
87) Perylene-d12	24.97	264	510083	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	371445	77.30	ng	-0.02
7) Phenol-d6	7.21	99	519648	78.25	ng	-0.02
23) Nitrobenzene-d5	9.23	82	484724	81.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	195159	92.81	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1056619	80.47	ng	-0.02
79) Terphenyl-d14	20.03	244	1767778	76.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	88641	39.231	ng	96
3) Pyridine	3.90	79	238386	39.186	ng	99
4) n-Nitrosodimethylamine	3.82	42	109698	38.983	ng	# 89
6) Aniline	7.38	93	337549	39.124	ng	97
8) 2-Chlorophenol	7.61	128	219247	38.978	ng	97
9) Benzaldehyde	7.19	77	140178	30.773	ng	95
10) Phenol	7.23	94	286477	39.744	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	226809	39.287	ng	98
12) 1,3-Dichlorobenzene	7.93	146	241574	39.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	244423	40.135	ng	97
14) 1,2-Dichlorobenzene	8.40	146	228192	39.182	ng	98
15) Benzyl Alcohol	8.29	79	204069	38.157	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	407527	36.781	ng	98
17) 2-Methylphenol	8.49	107	192547	38.604	ng	97
18) Hexachloroethane	9.12	117	90527	39.079	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	172850	36.303	ng	99
20) 3+4-Methylphenols	8.82	107	262658	38.872	ng	97
22) Acetophenone	8.88	105	339037	43.090	ng	# 99
24) Nitrobenzene	9.27	77	256884	41.804	ng	100
25) Isophorone	9.78	82	495294	40.565	ng	99
26) 2-Nitrophenol	9.97	139	126865	43.570	ng	97
27) 2,4-Dimethylphenol	10.02	122	196086	42.396	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	293832	40.676	ng	99
29) 2,4-Dichlorophenol	10.51	162	218862	43.596	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	241574	43.824	ng	98
31) Naphthalene	10.91	128	690386	42.702	ng	100
32) Benzoic acid	10.17	122	108442	38.806	ng	97
33) 4-Chloroaniline	11.03	127	307433	44.579	ng	96
34) Hexachlorobutadiene	11.17	225	147517	41.843	ng	93
35) Caprolactam	11.82	113	51354	25.777	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	248665	43.086	ng	99
37) 2-Methylnaphthalene	12.51	142	515389	43.102	ng	99
38) 1-Methylnaphthalene	12.73	142	486840	41.987	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	261813	42.338	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040347.D
 Acq On : 4 Apr 2019 5:55
 Operator : JU/SJ
 Sample : PB118527BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:53:39 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

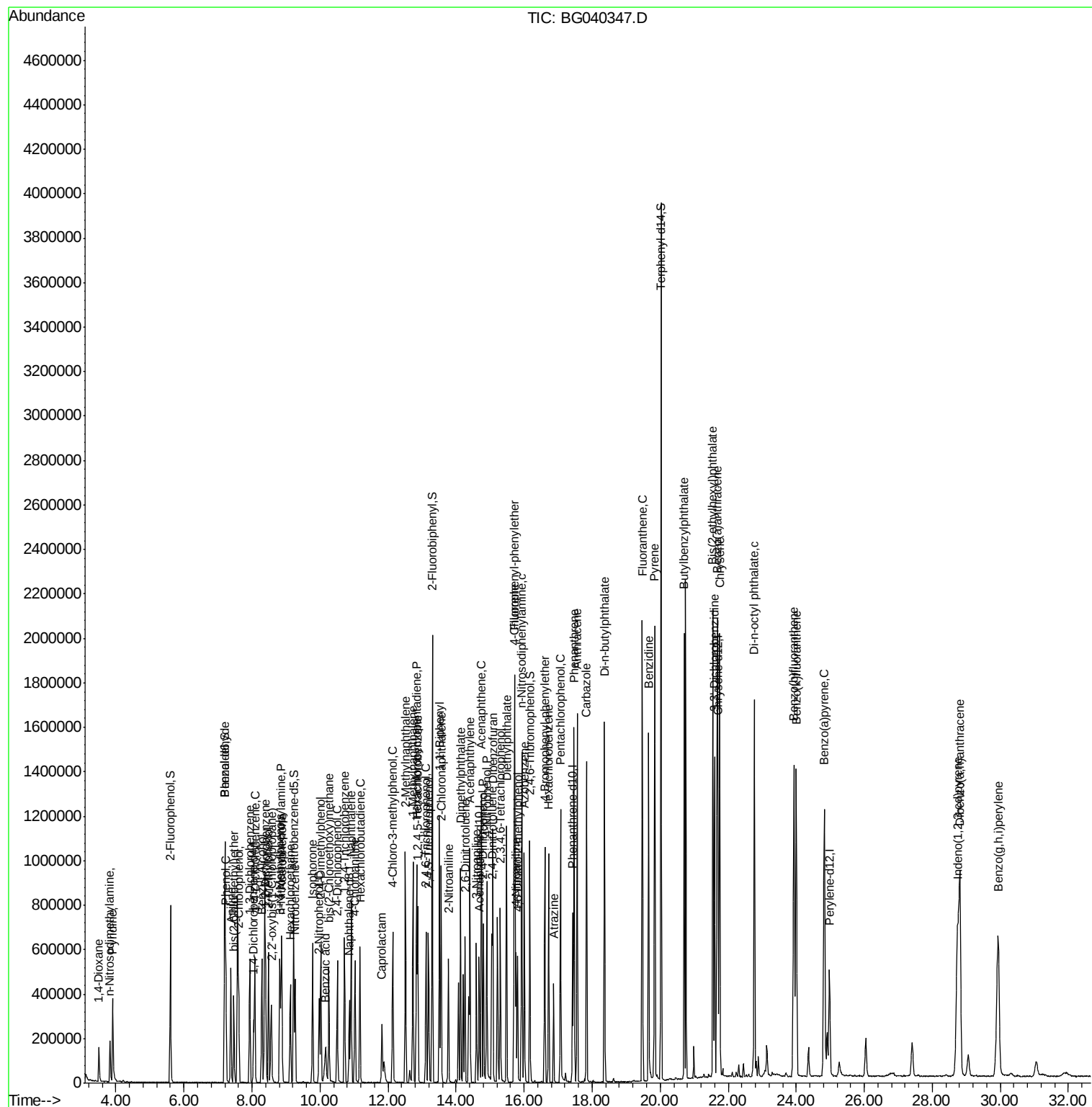
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	290935	85.685	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	179640	45.057	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	190074	43.739	ng	98
46) 1,1'-Biphenyl	13.51	154	637703	41.482	ng	99
47) 2-Chloronaphthalene	13.56	162	498965	42.314	ng	99
48) 2-Nitroaniline	13.78	65	170927	42.973	ng	98
49) Acenaphthylene	14.40	152	809908	40.509	ng	99
50) Dimethylphthalate	14.13	163	641736	42.144	ng	99
51) 2,6-Dinitrotoluene	14.26	165	147700	43.199	ng	98
52) Acenaphthene	14.74	154	474425	41.411	ng	99
53) 3-Nitroaniline	14.60	138	165329	45.681	ng	94
54) 2,4-Dinitrophenol	14.80	184	174362	95.891	ng	93
55) Dibenzofuran	15.08	168	783091	42.539	ng	99
56) 4-Nitrophenol	14.90	139	257885	88.287	ng	98
57) 2,4-Dinitrotoluene	15.05	165	210466	44.301	ng	97
58) Fluorene	15.73	166	615601	42.533	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180503	45.772	ng	97
60) Diethylphthalate	15.48	149	662136	42.494	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	331770	42.884	ng	98
62) 4-Nitroaniline	15.77	138	175764	45.253	ng	99
63) Azobenzene	16.01	77	615379	41.869	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	129939	48.000	ng	96
66) n-Nitrosodiphenylamine	15.93	169	573764	40.692	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	220216	40.612	ng	98
68) Hexachlorobenzene	16.72	284	224258	41.133	ng	96
69) Atrazine	16.87	200	80772	15.399	ng	94
70) Pentachlorophenol	17.07	266	253143	80.311	ng	96
71) Phenanthrene	17.47	178	1046099	41.304	ng	99
72) Anthracene	17.56	178	1052996	41.539	ng	98
73) Carbazole	17.84	167	1017077	42.395	ng	99
74) Di-n-butylphthalate	18.36	149	1190621	41.868	ng	100
75) Fluoranthene	19.47	202	1300925	43.379	ng	98
77) Benzidine	19.66	184	970825	51.973	ng	98
78) Pyrene	19.84	202	1315290	38.666	ng	98
80) Butylbenzylphthalate	20.70	149	606138	41.641	ng	98
81) Benzo(a)anthracene	21.68	228	1312164	41.184	ng	96
82) 3,3'-Dichlorobenzidine	21.60	252	528505	43.605	ng	99
83) Chrysene	21.75	228	1235477	40.348	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	854862	41.084	ng	98
85) Di-n-octyl phthalate	22.77	149	1482078	41.806	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1596796	42.637	ng	# 94
88) Benzo(b)fluoranthene	23.93	252	1376867	44.089	ng	98
89) Benzo(k)fluoranthene	24.00	252	1326455	46.188	ng	98
90) Benzo(a)pyrene	24.83	252	1360243	46.423	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	1295311	47.598	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1326860	47.443	ng	100

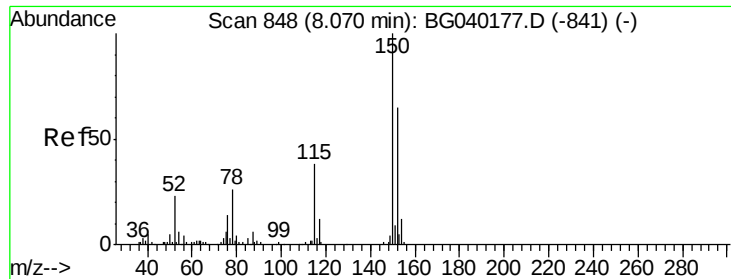
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
Data File : BG040347.D
Acq On : 4 Apr 2019 5:55
Operator : JU/SJ
Sample : PB118527BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 07:53:39 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



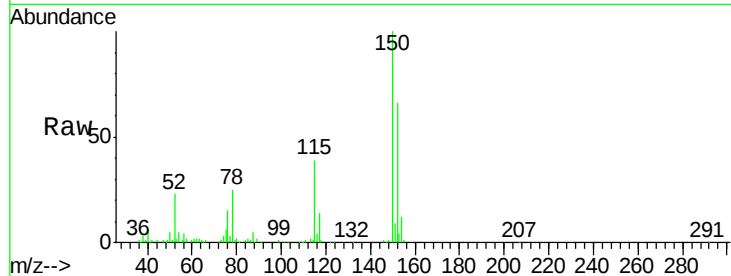


#1

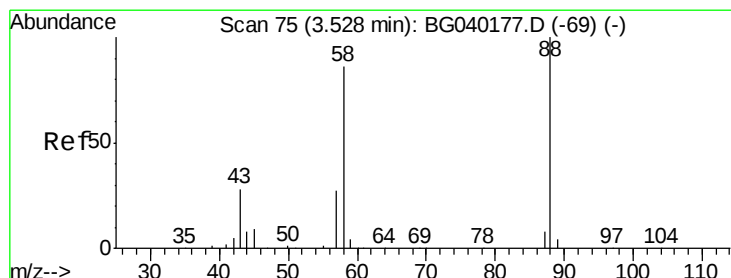
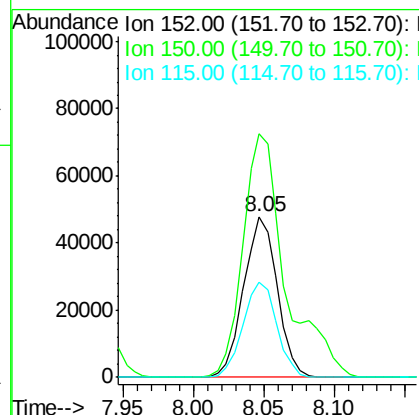
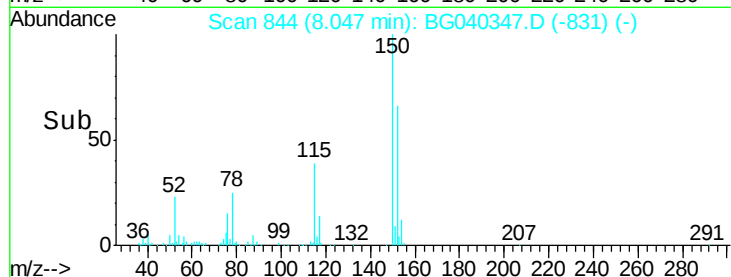
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	79881
Ion Ratio	Lower	Upper	
152	100		
150	151.8	123.7	185.5
115	59.4	46.9	70.3



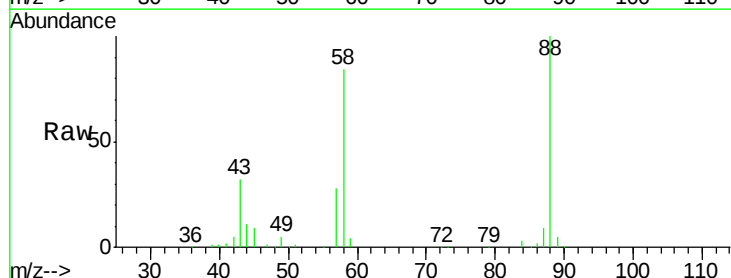
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



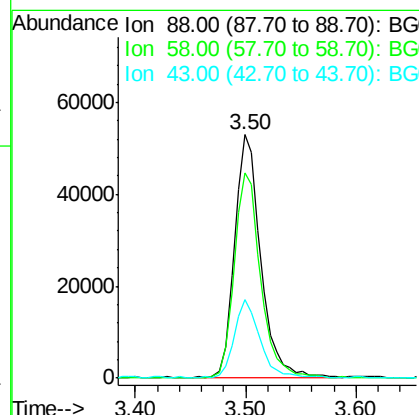
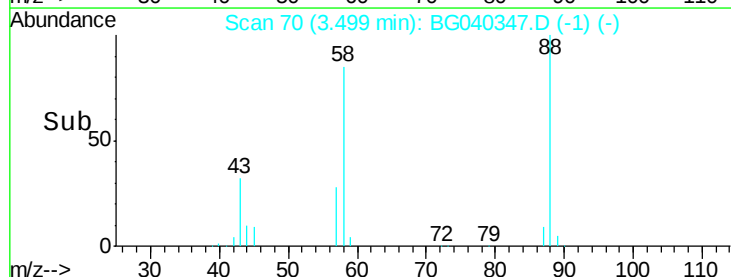
#2

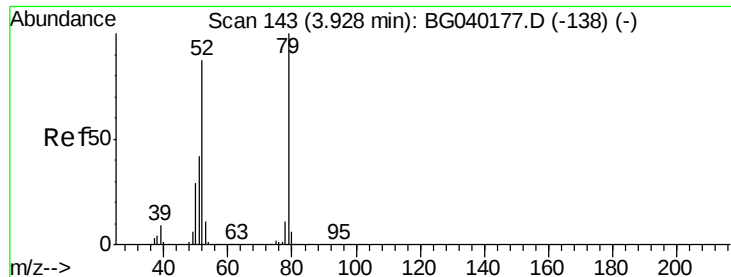
1,4-Dioxane
Concen: 39.231 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	88	Resp	88641
Ion Ratio	Lower	Upper	
88	100		
58	84.3	70.6	106.0
43	32.0	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

Pvridine

Concen: 39.186 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampled :

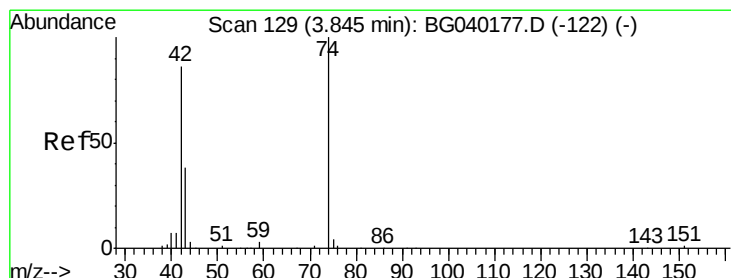
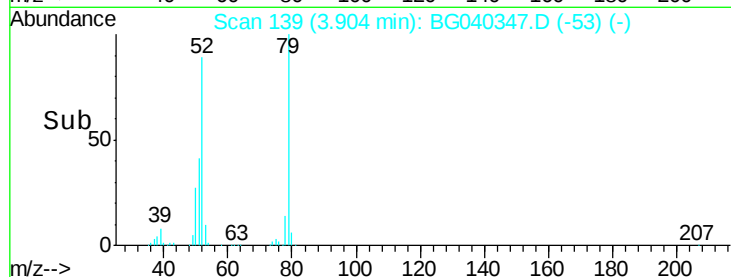
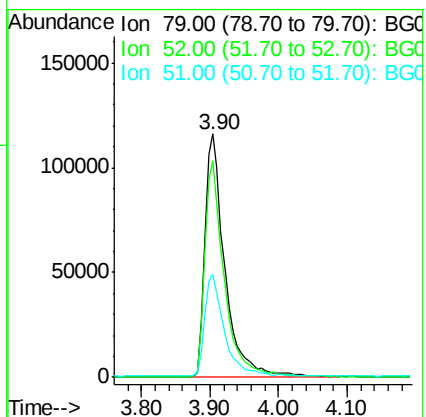
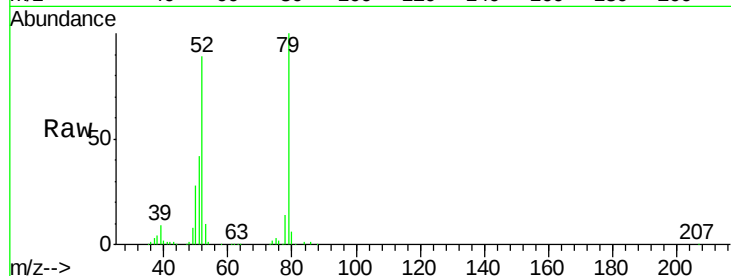
Tot Ion: 79 Resp: 238386

Ion Ratio Lower Upper

79 100

52 88.9 69.8 104.8

51 42.0 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 38.983 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

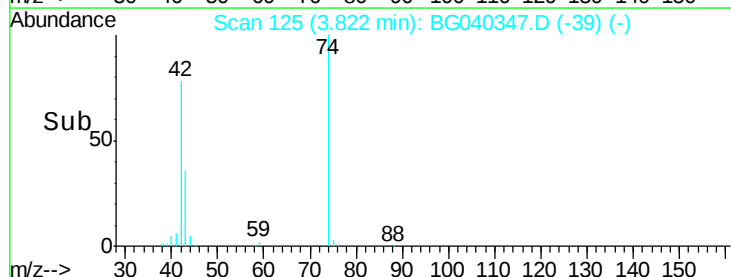
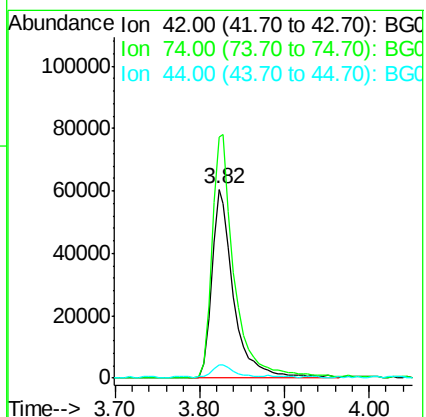
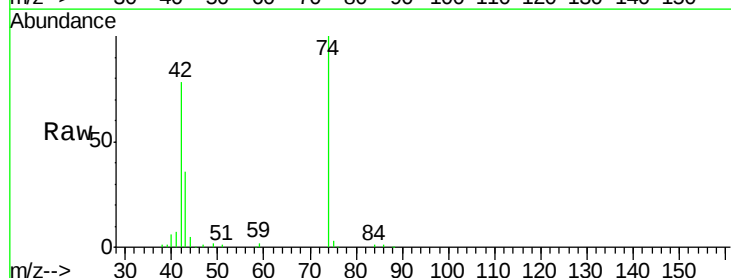
Tgt Ion: 42 Resp: 109698

Ion Ratio Lower Upper

42 100

74 127.6 92.9 139.3

44 6.7 9.7 14.5#





#5

2-Fluorophenol

Concen: 77.302 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

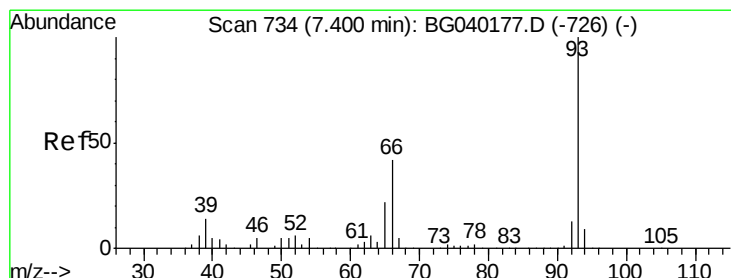
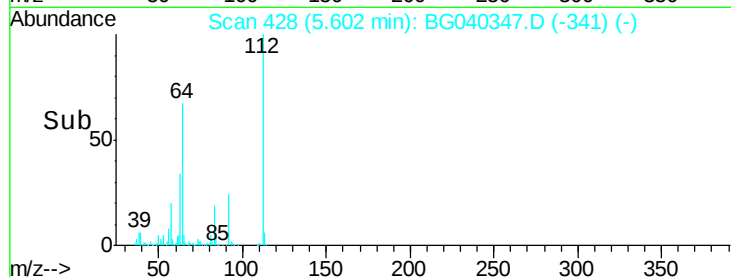
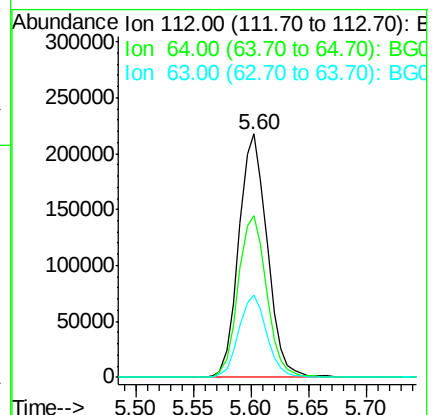
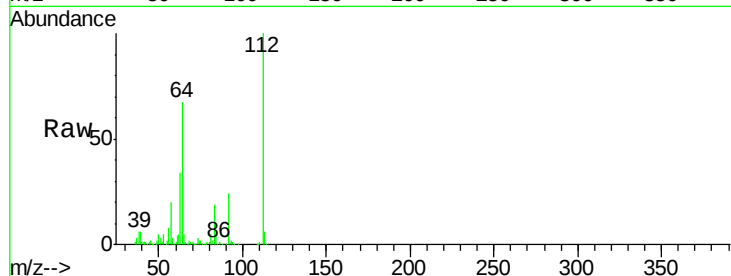
Tot Ion: 112 Resp: 371445

Ion Ratio Lower Upper

112 100

64 66.6 54.2 81.2

63 33.6 26.4 39.6



#6

Aniline

Concen: 39.124 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

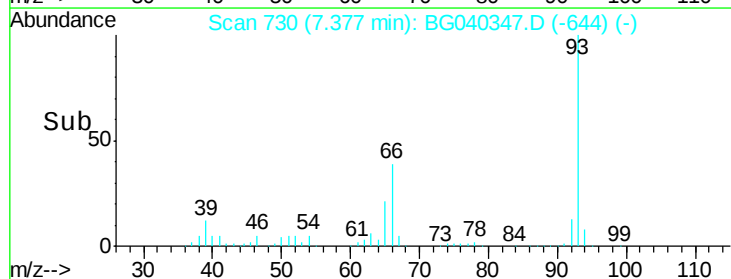
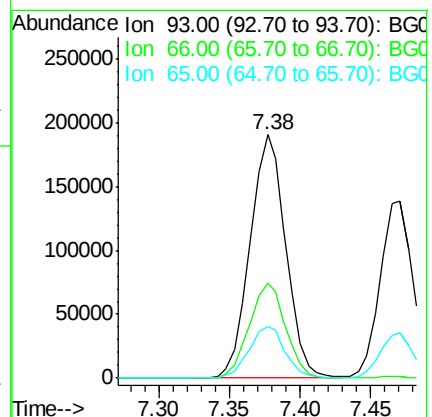
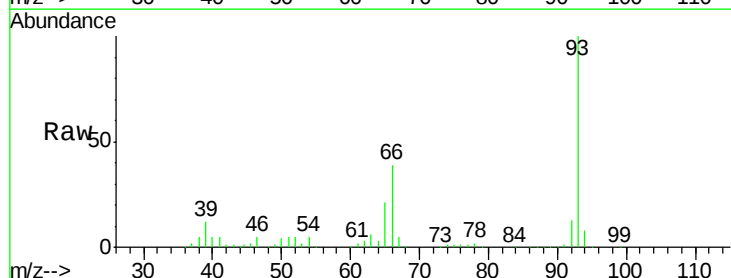
Tgt Ion: 93 Resp: 337549

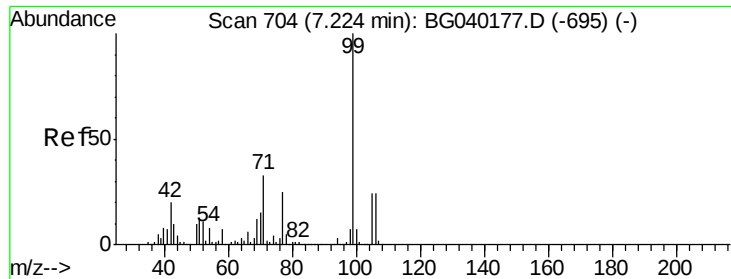
Ion Ratio Lower Upper

93 100

66 39.2 33.6 50.4

65 21.4 17.4 26.2





#7

Phenol-d6

Concen: 78.251 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

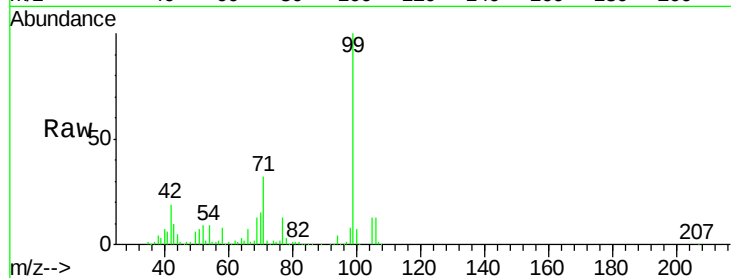
Tot Ion: 99 Resp: 519648

Ion Ratio Lower Upper

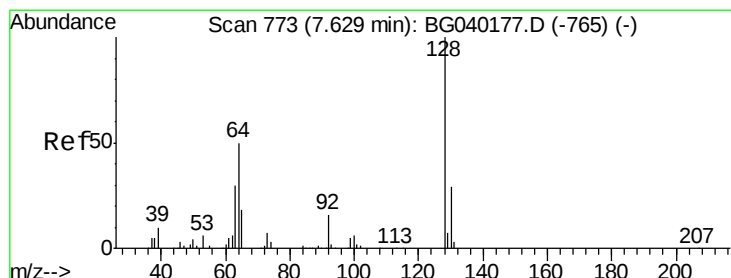
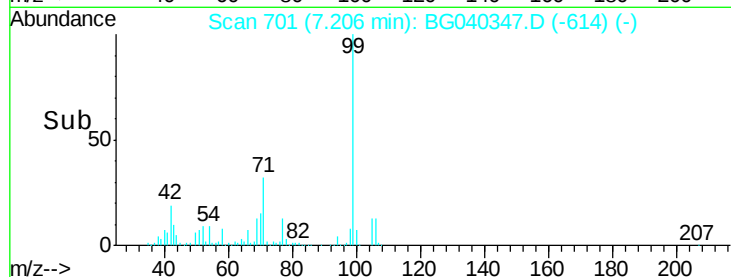
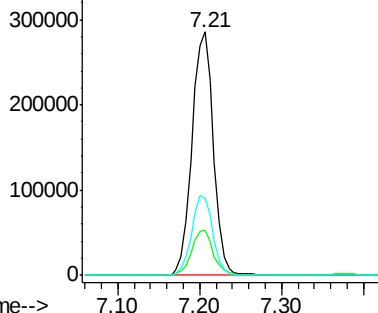
99 100

42 18.5 16.2 24.2

71 31.7 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: 38.978 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

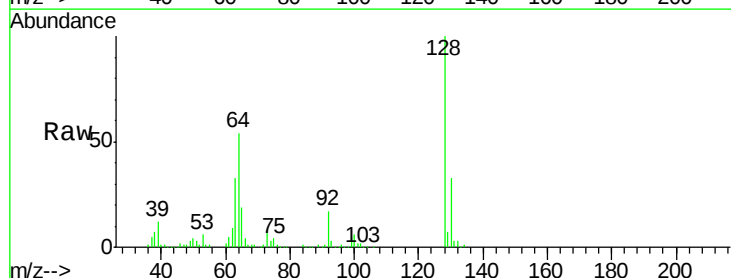
Tgt Ion: 128 Resp: 219247

Ion Ratio Lower Upper

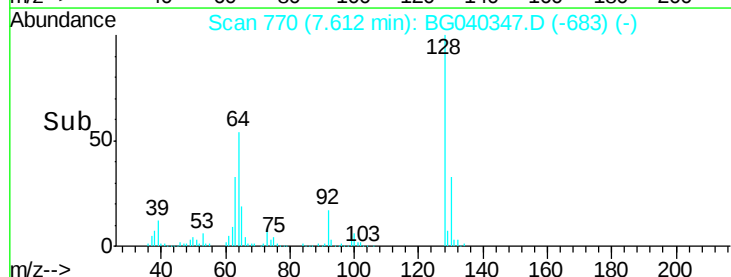
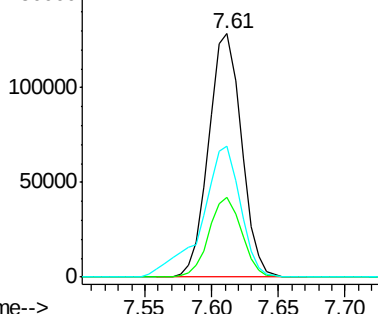
128 100

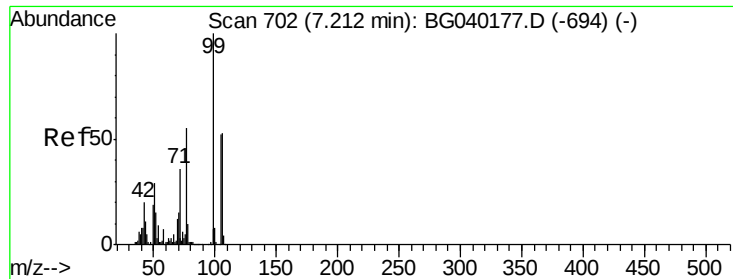
130 33.0 9.1 49.1

64 53.8 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: 30.773 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampled :

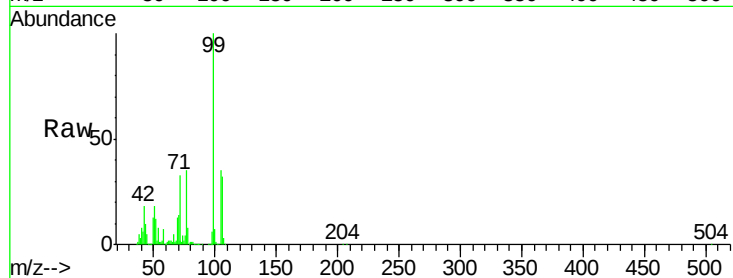
Tot Ion: 77 Resp: 140178

Ion Ratio Lower Upper

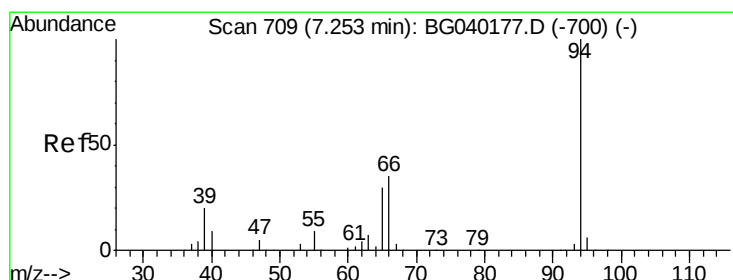
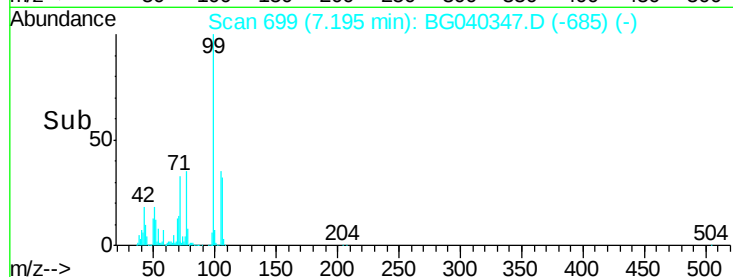
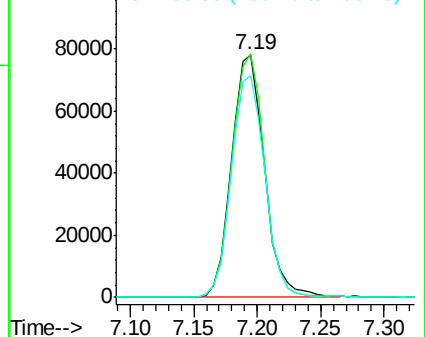
77 100

105 100.4 75.0 115.0

106 91.4 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: 39.744 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

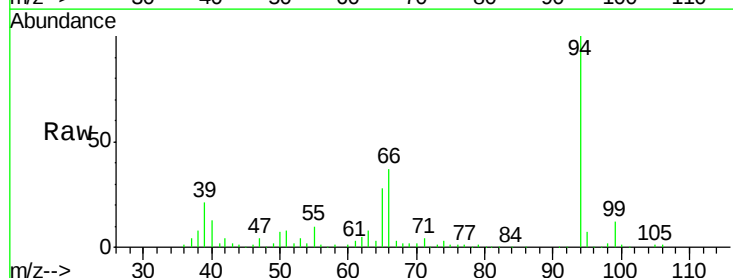
Tgt Ion: 94 Resp: 286477

Ion Ratio Lower Upper

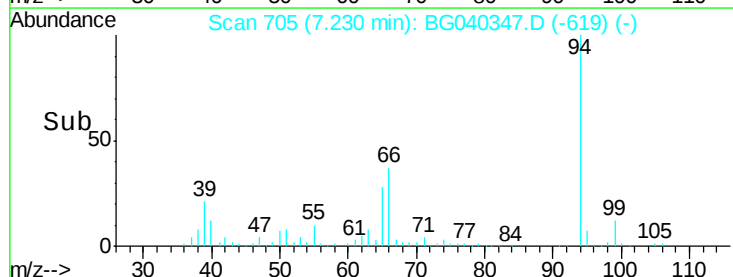
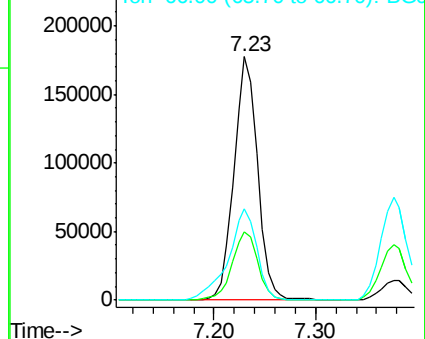
94 100

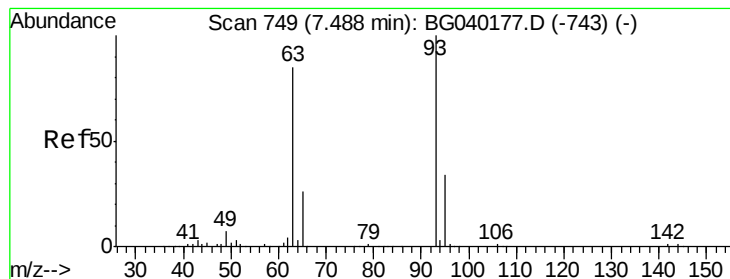
65 28.3 10.5 50.5

66 37.3 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: 39.287 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampled :

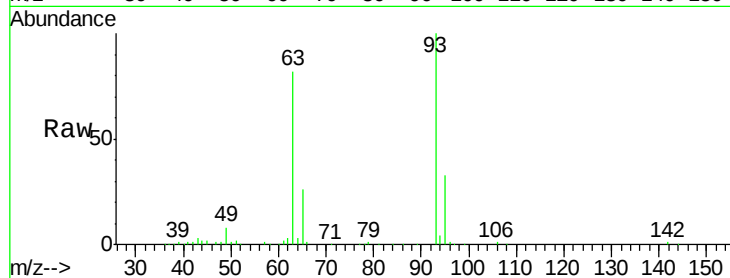
Tot Ion: 93 Resp: 226809

Ion Ratio Lower Upper

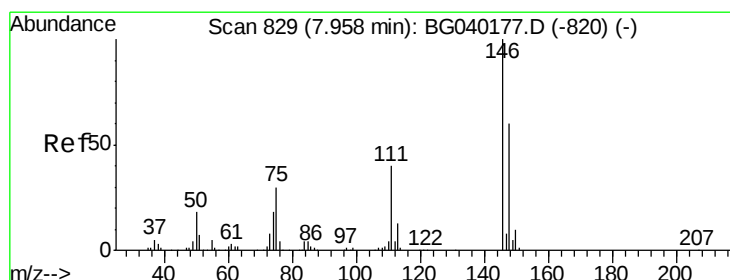
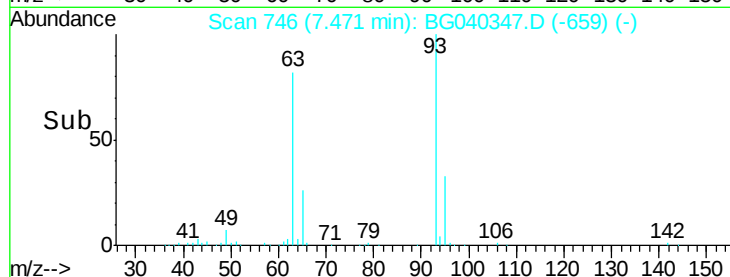
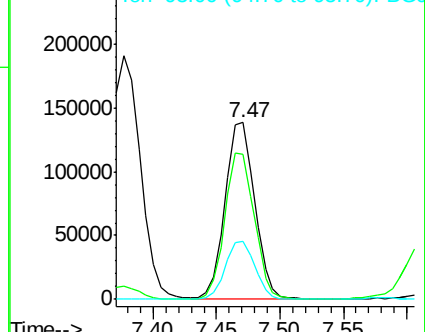
93 100

63 82.2 64.2 104.2

95 32.8 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: 39.508 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

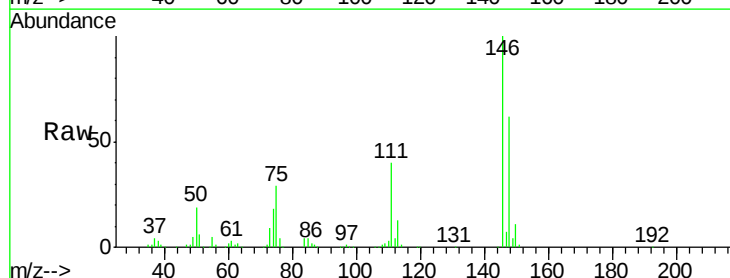
Tgt Ion: 146 Resp: 241574

Ion Ratio Lower Upper

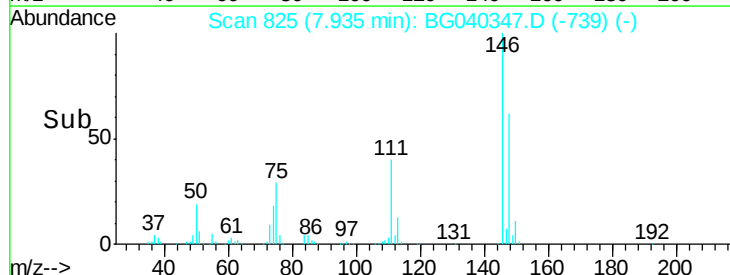
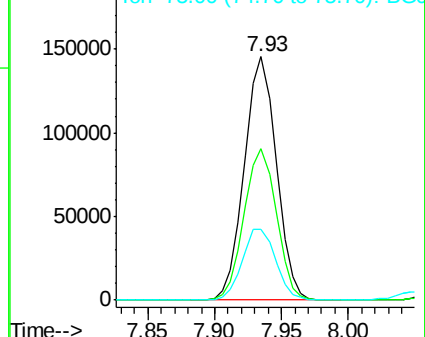
146 100

148 62.5 48.2 72.2

75 29.3 24.1 36.1



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





#13

1,4-Dichlorobenzene

Concen: 40.135 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

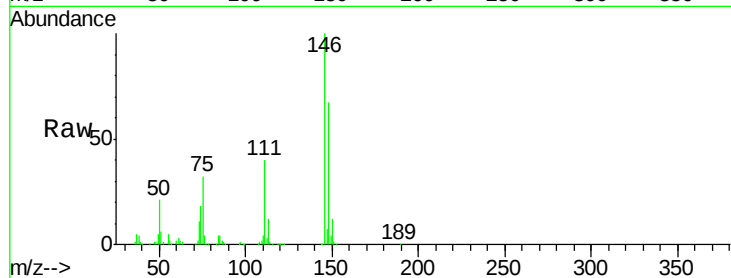
Tot Ion:146 Resp: 244423

Ion Ratio Lower Upper

146 100

148 66.7 51.0 76.4

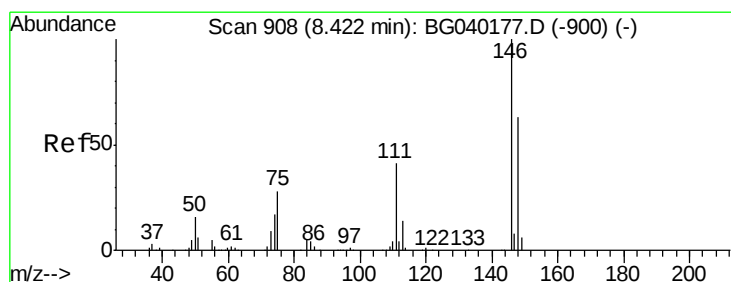
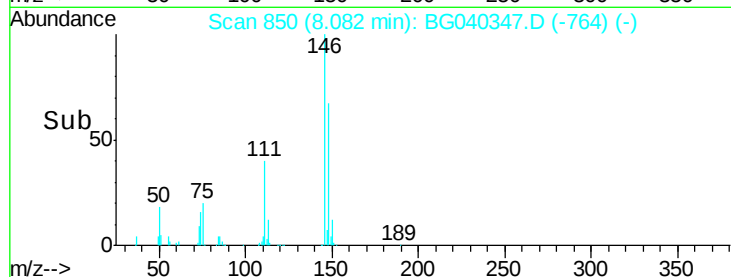
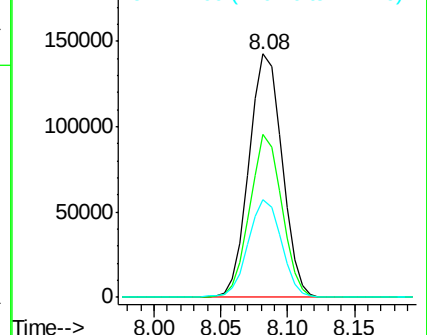
111 40.1 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.182 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

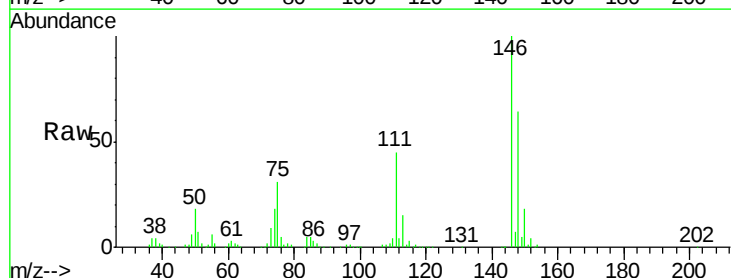
Tgt Ion:146 Resp: 228192

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

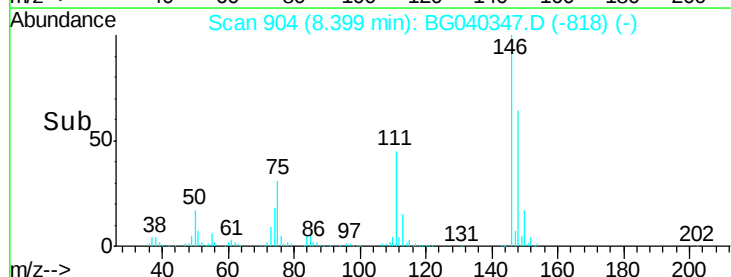
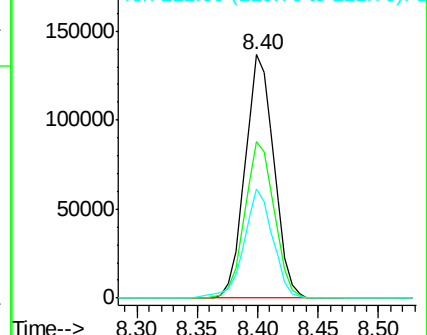
111 44.9 33.4 50.0

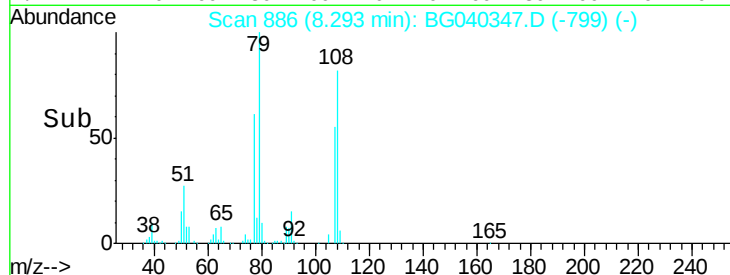
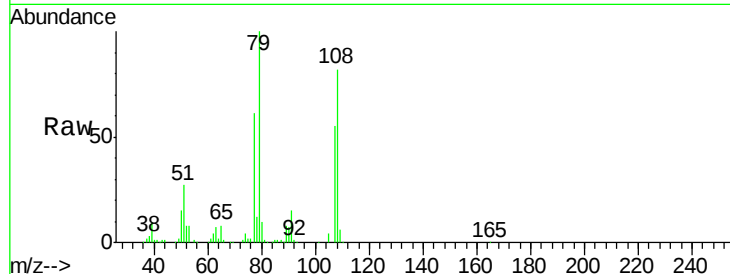


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

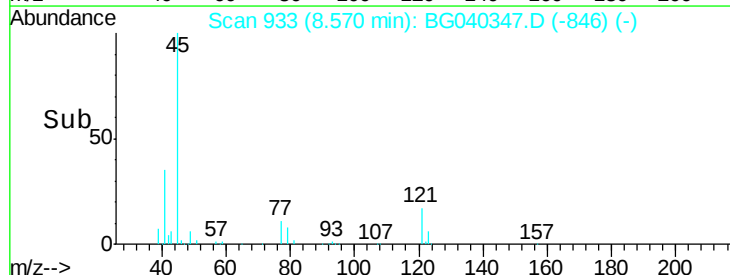
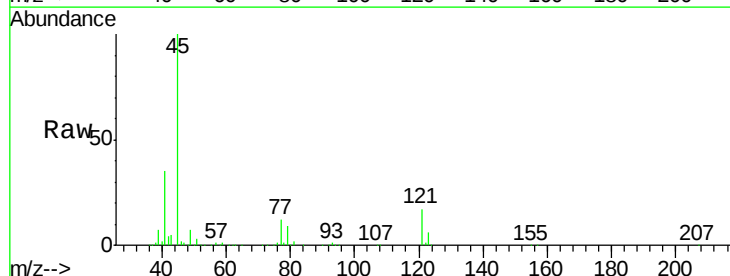
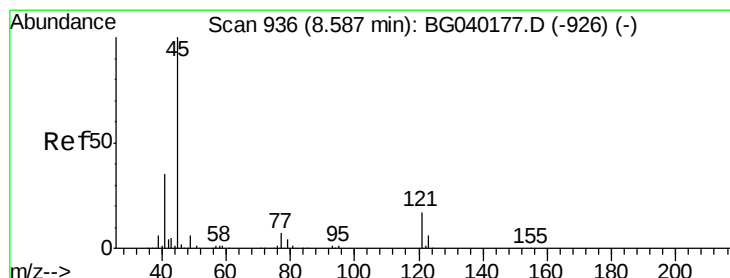
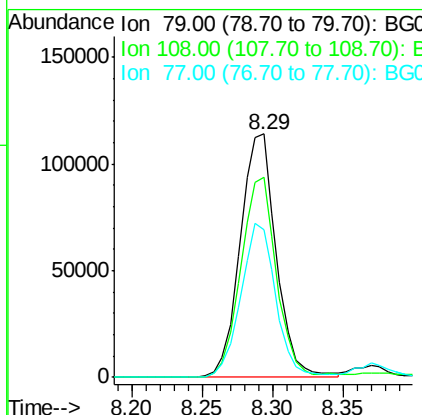




#15
Benzyl Alcohol
Concen: 38.157 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

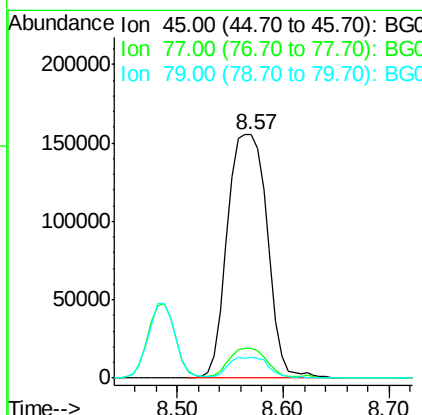
Instrument :
BNA_G
ClientSampleId :

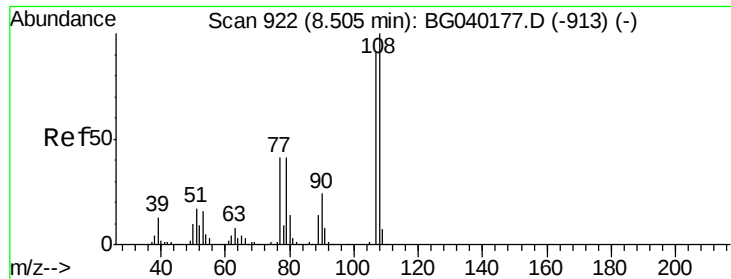
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	62.1	93.1
77	60.8	51.9	77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.781 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	31.4
79	8.6	0.0	28.3

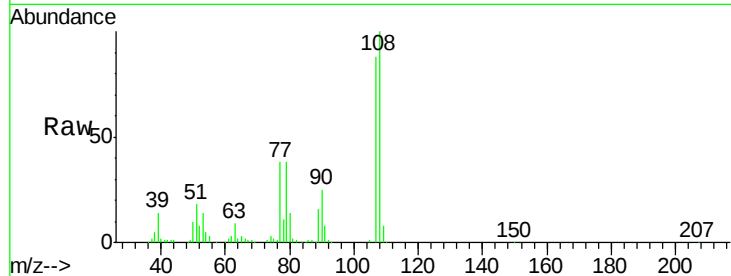




#17
2-Methylphenol
Concen: 38.604 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	192547
Ion	Ratio	Lower	Upper
107	100		
108	113.7	88.2	132.4
77	43.5	36.6	55.0
79	43.4	36.5	54.7



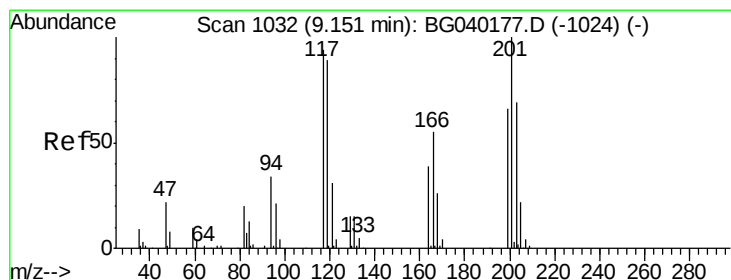
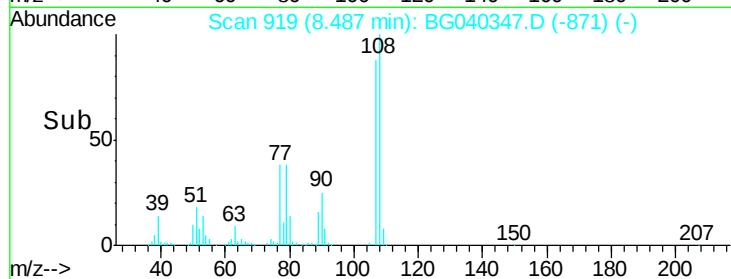
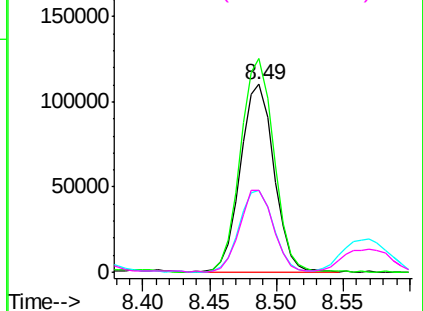
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

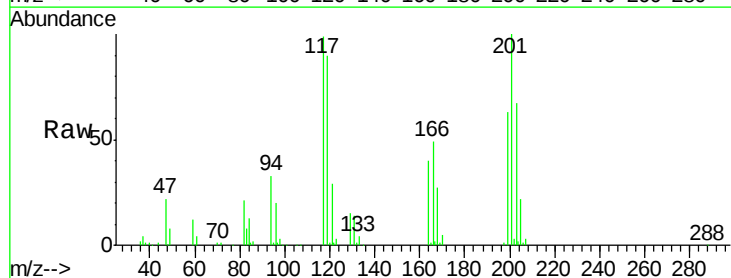
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.079 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:	117	Resp:	90527
Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.6	115.0
201	101.2	85.0	127.4

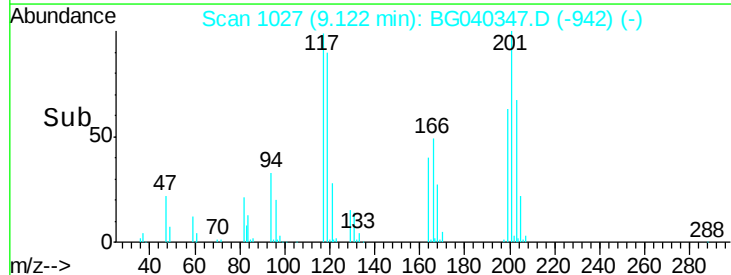
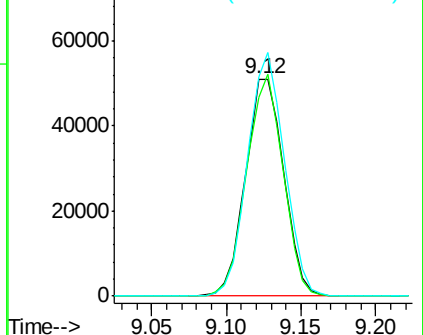


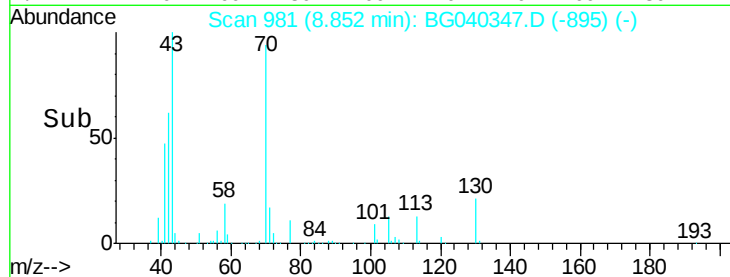
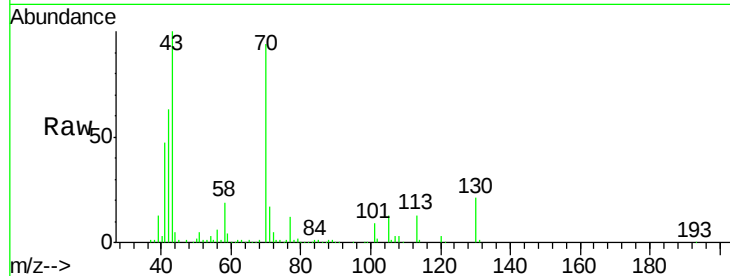
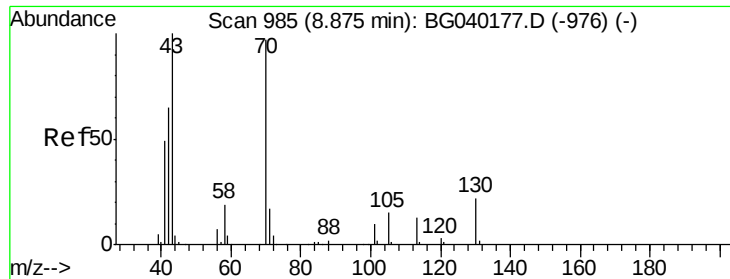
Abundance

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

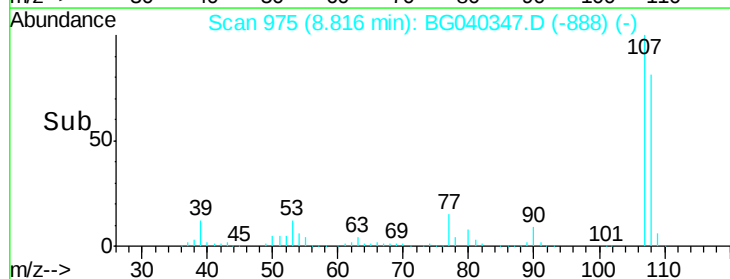
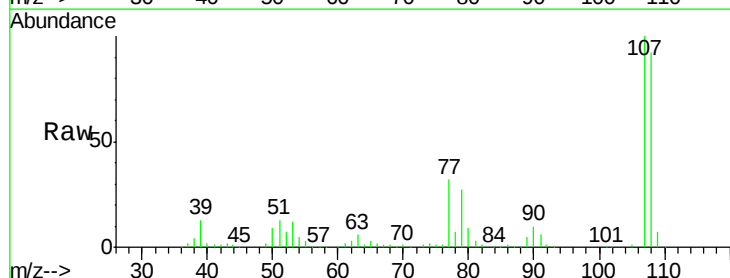
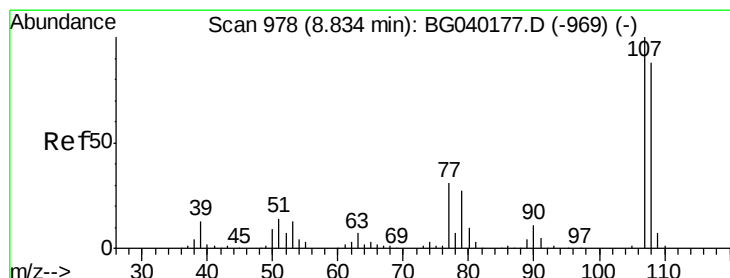
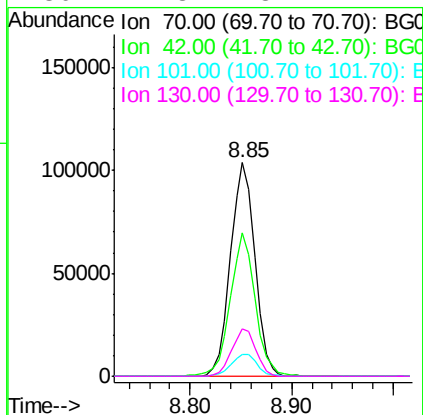




#19
n-Nitroso-di-n-propylamine
Concen: 36.303 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

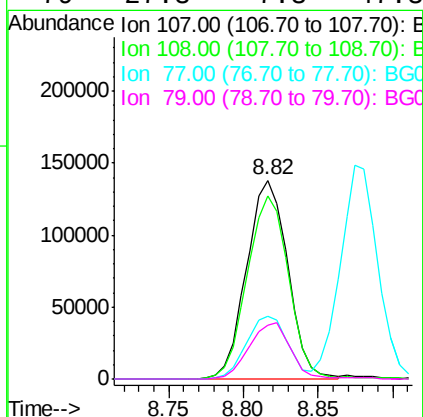
Instrument :
BNA_G
ClientSampleId :

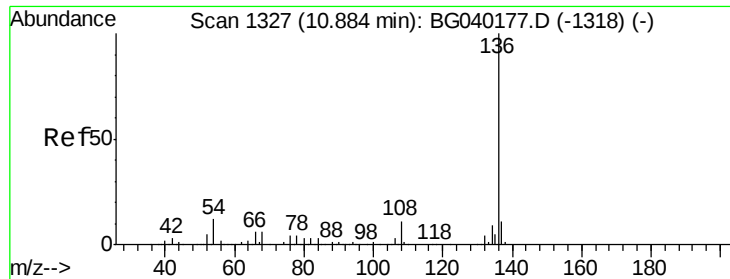
Tot Ion:	70	Resp:	172850
Ion	Ratio	Lower	Upper
70	100		
42	66.9	54.0	81.0
101	10.1	8.6	13.0
130	22.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.872 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:	107	Resp:	262658
Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.3	108.3
77	31.6	11.3	51.3
79	27.3	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 315421

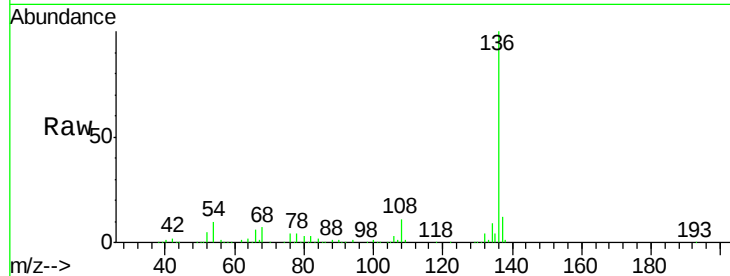
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.3 9.6 14.4

68 7.1 5.1 7.7

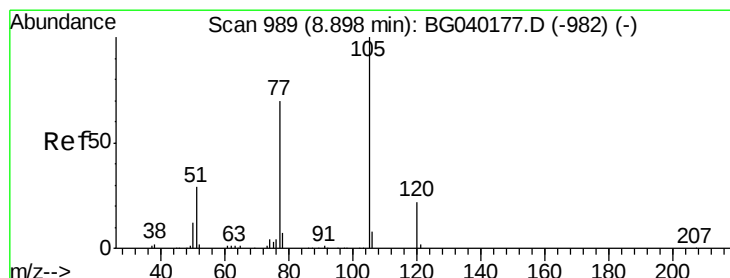
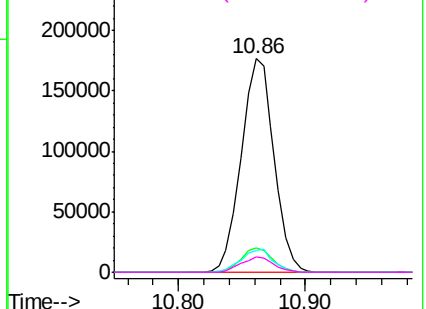
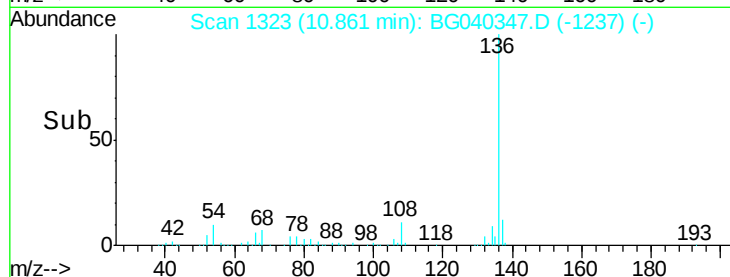


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 43.090 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:105 Resp: 339037

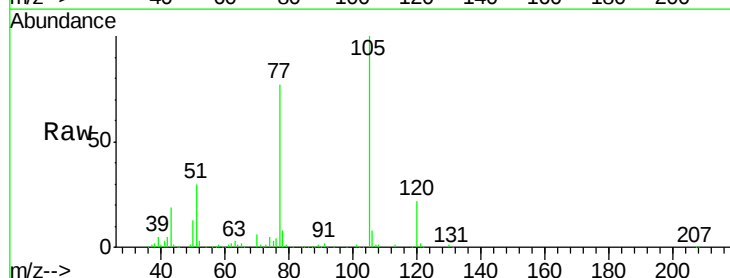
Ion Ratio Lower Upper

105 100

71 1.1 0.6 1.0#

51 30.1 25.1 37.7

120 22.0 17.6 26.4

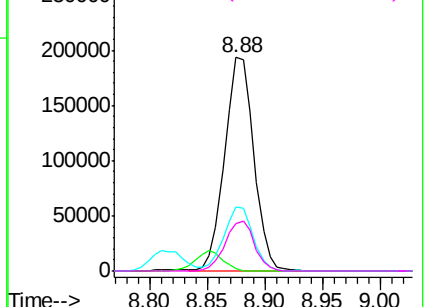
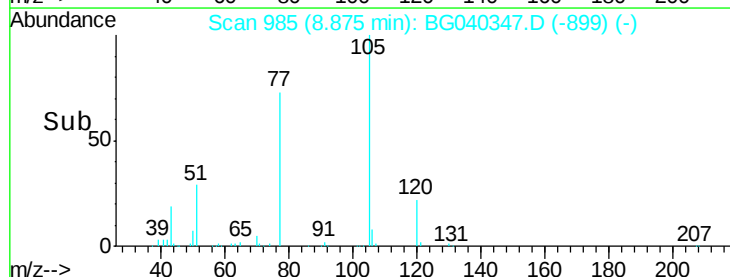


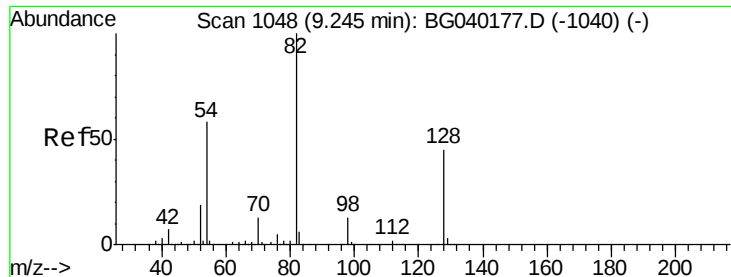
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.684 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

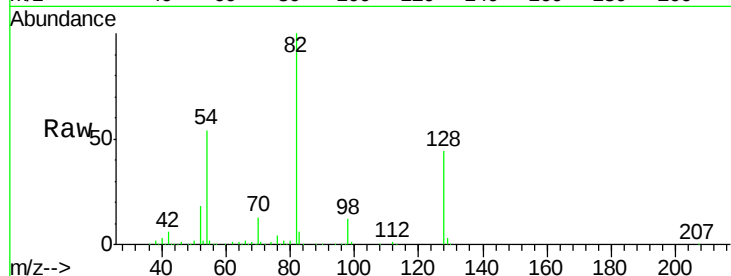
Tot Ion: 82 Resp: 484724

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.8

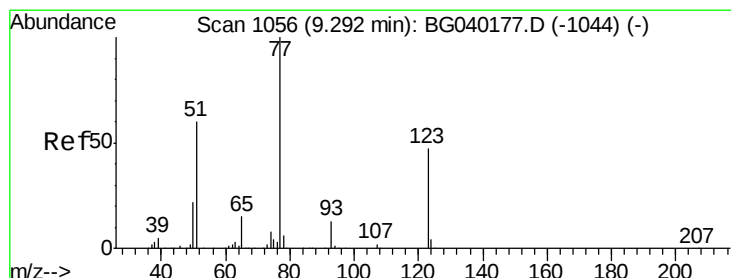
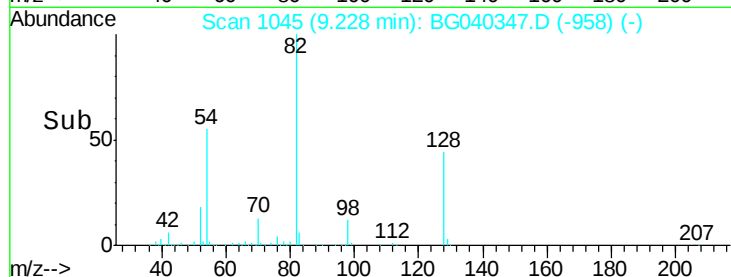
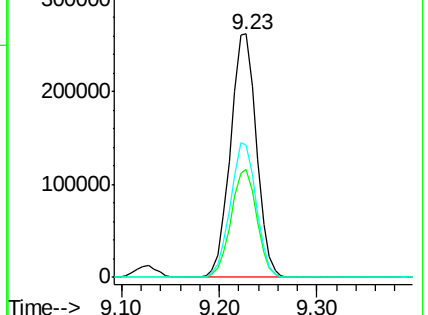
54 54.5 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 41.804 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

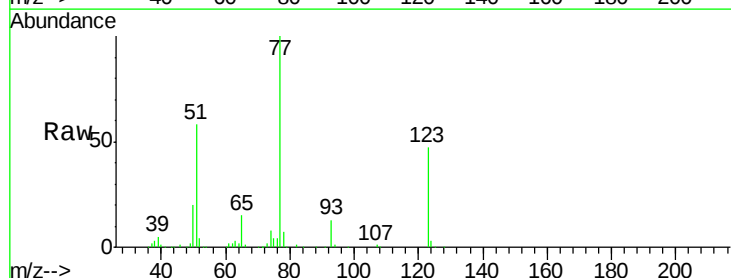
Tgt Ion: 77 Resp: 256884

Ion Ratio Lower Upper

77 100

123 47.3 37.8 56.6

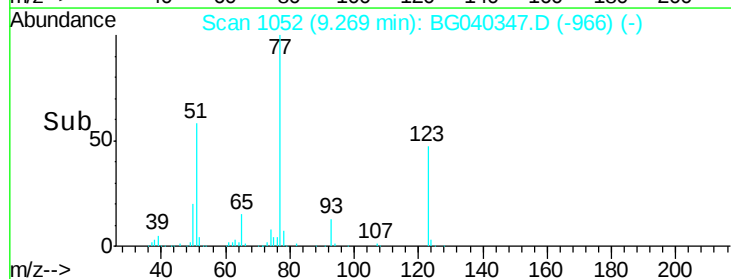
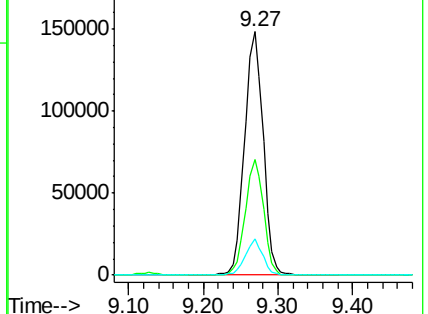
65 14.7 12.0 18.0

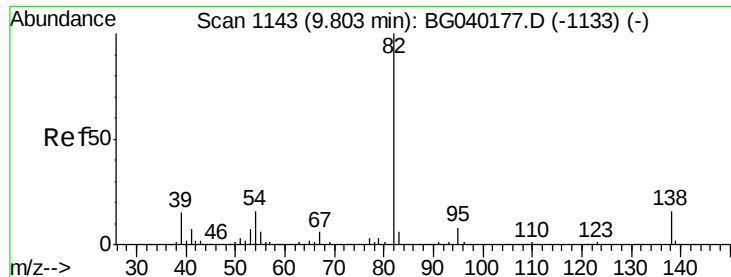


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

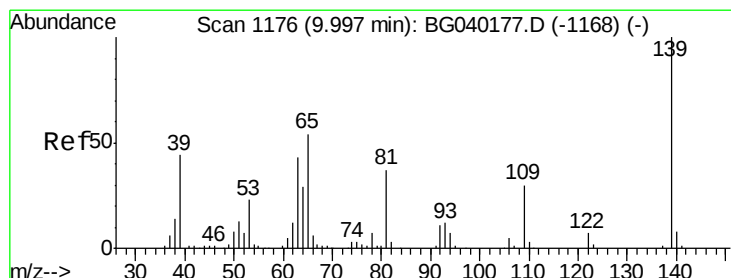
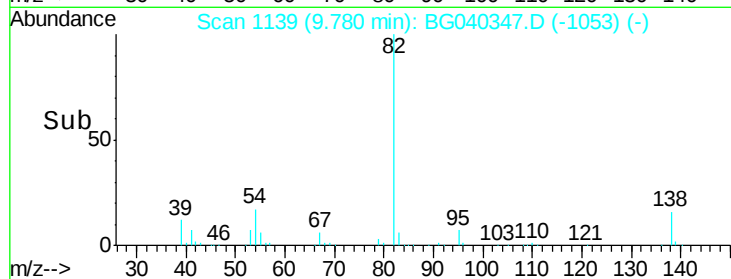
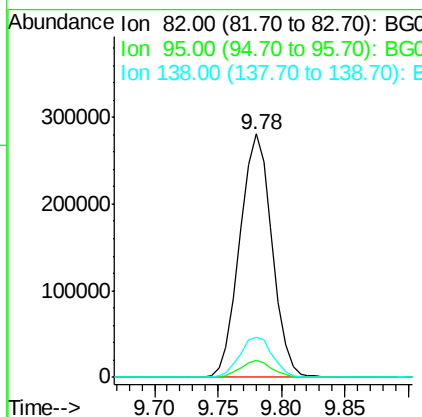
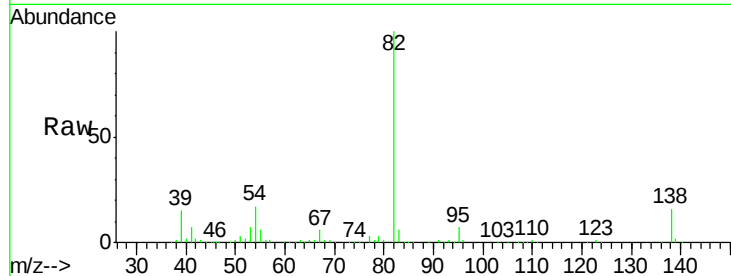




#25
Isophorone
Concen: 40.565 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

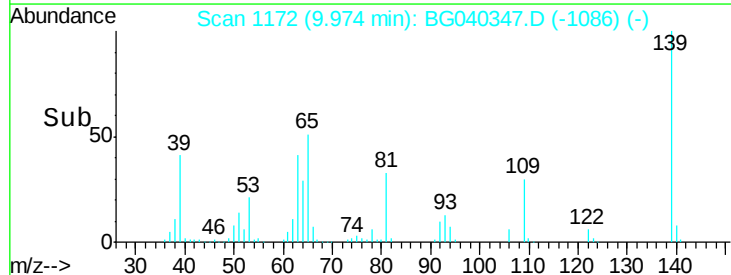
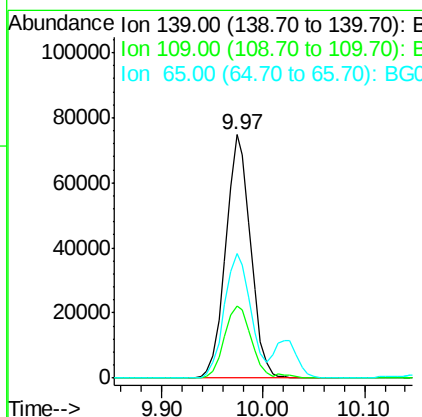
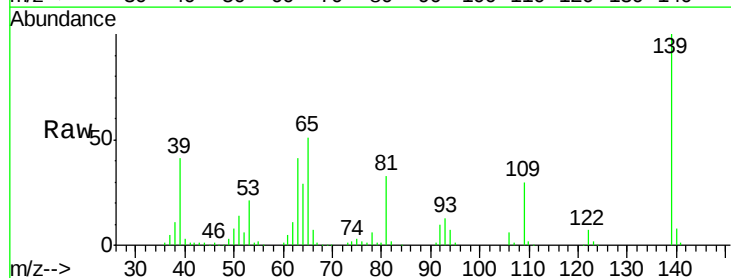
Instrument :
BNA_G
ClientSampleId :

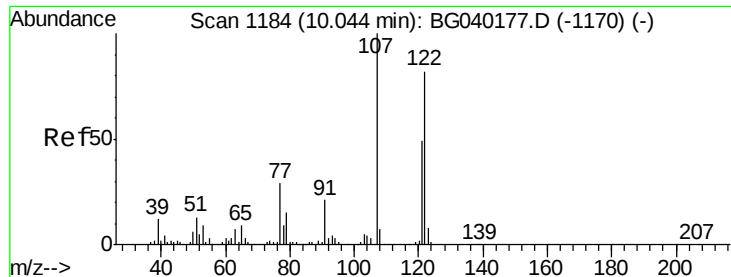
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.1	9.1
138	16.3	13.2	19.8



#26
2-Nitrophenol
Concen: 43.570 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.8	24.1	36.1
65	51.1	43.0	64.6

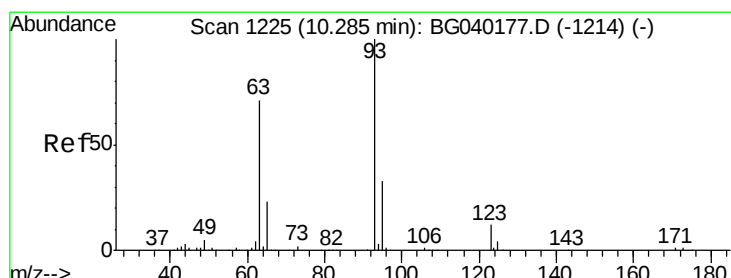
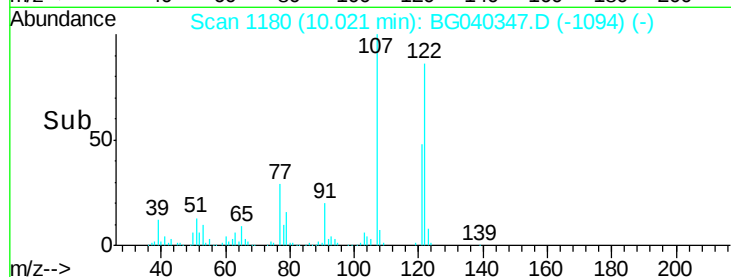
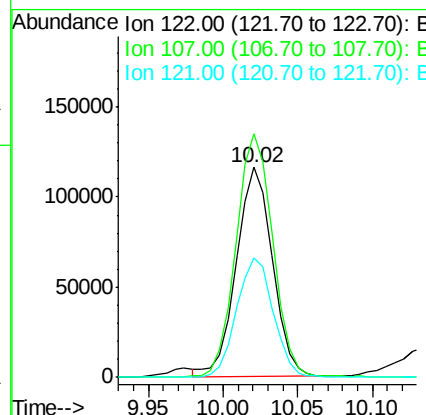
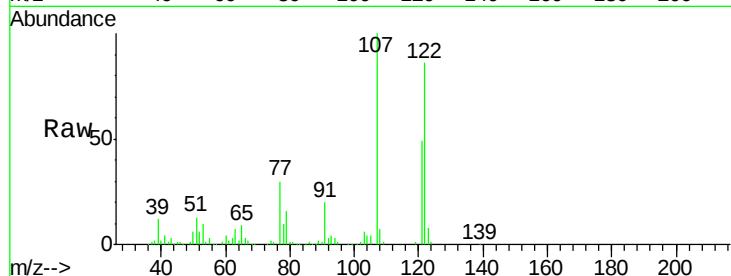




#27
 2,4-Dimethylphenol
 Concen: 42.396 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

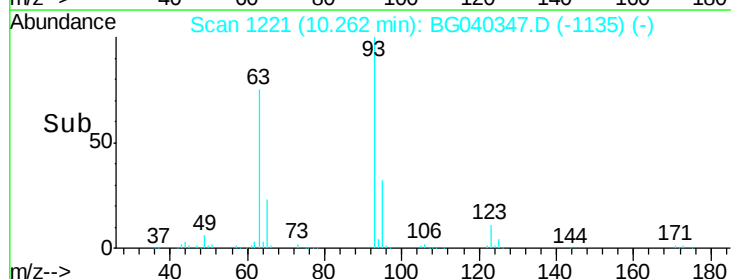
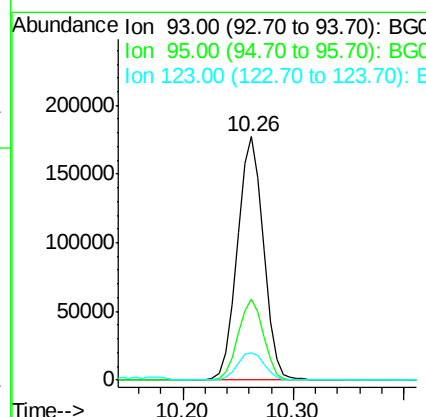
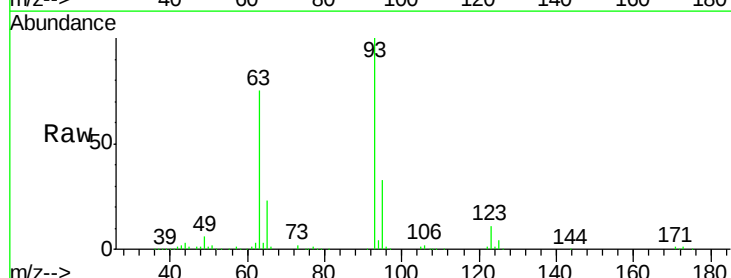
Instrument :
 BNA_G
 ClientSampleId :

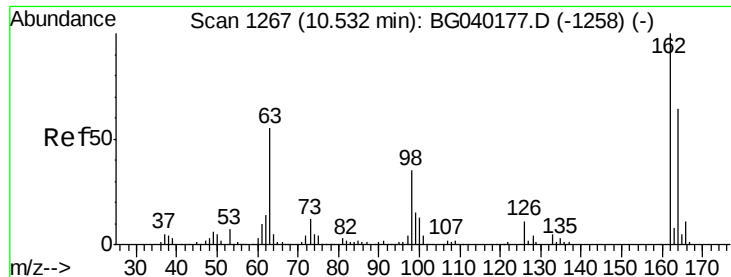
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	97.4	146.2
121	56.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.676 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	11.3	9.4	14.0

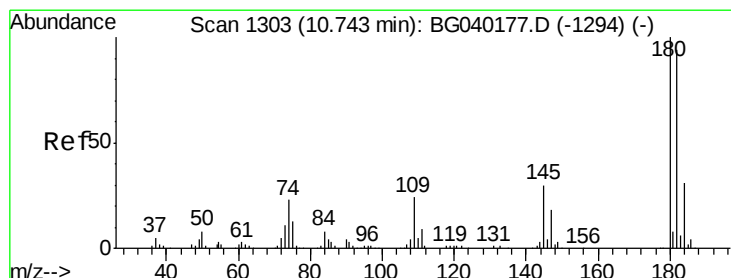
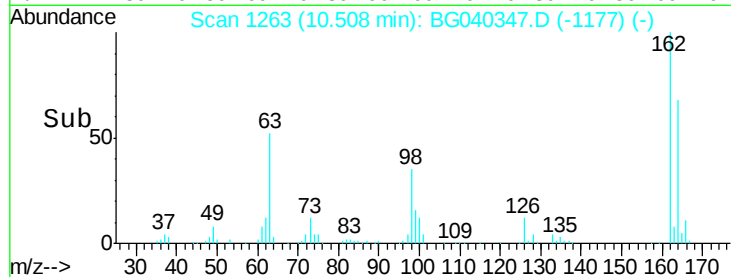
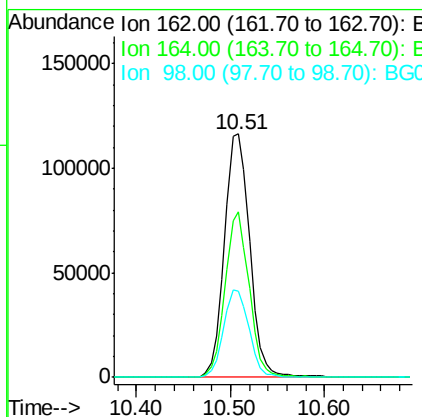
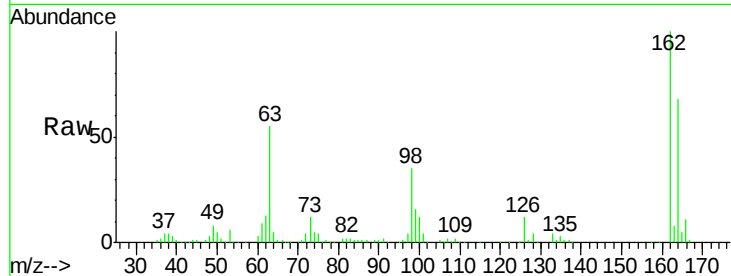




#29
 2,4-Dichlorophenol
 Concen: 43.596 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

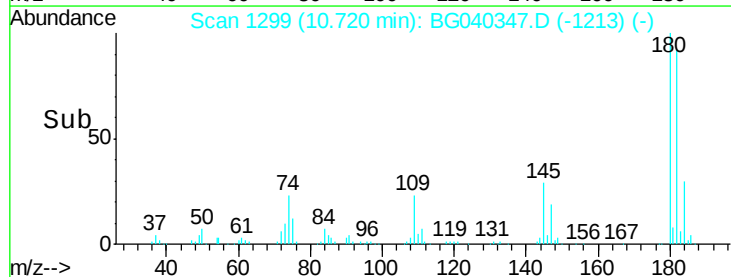
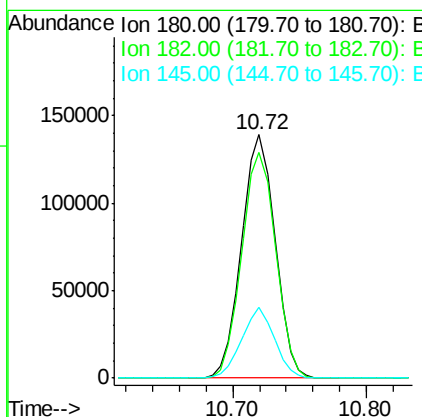
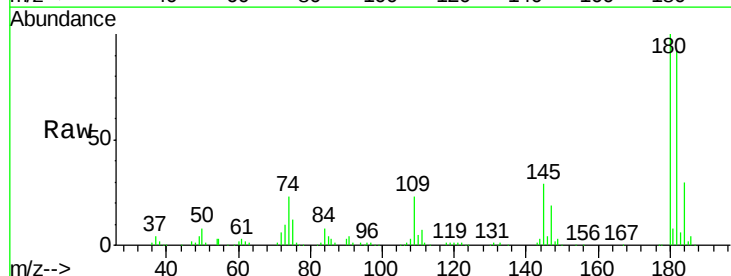
Instrument :
 BNA_G
 ClientSampleId :

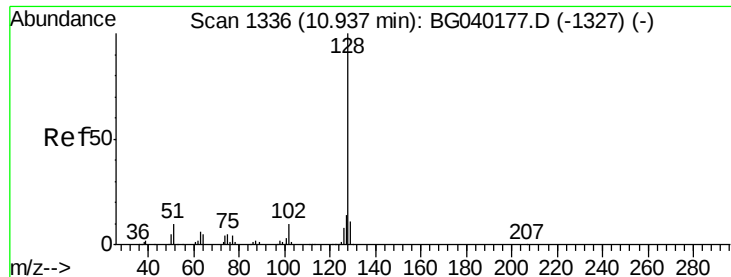
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	43.9	83.9
98	35.2	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.824 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.1	112.7
145	29.2	24.1	36.1

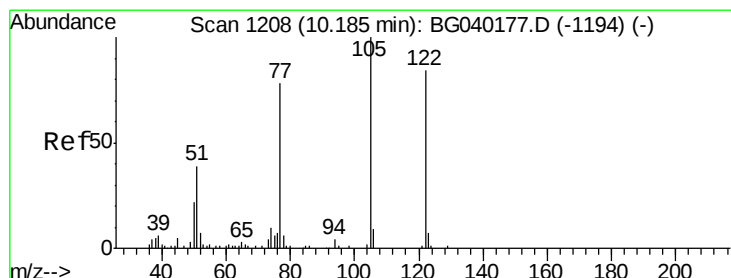
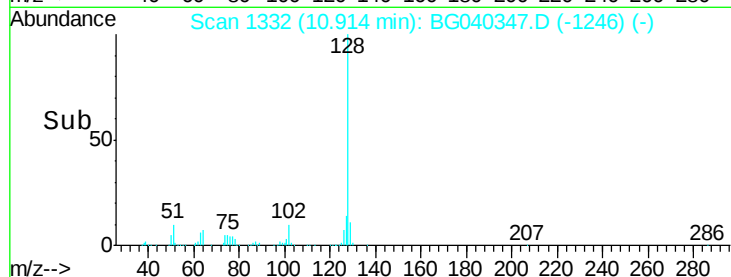
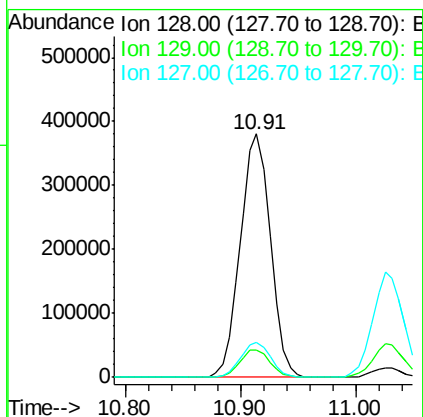
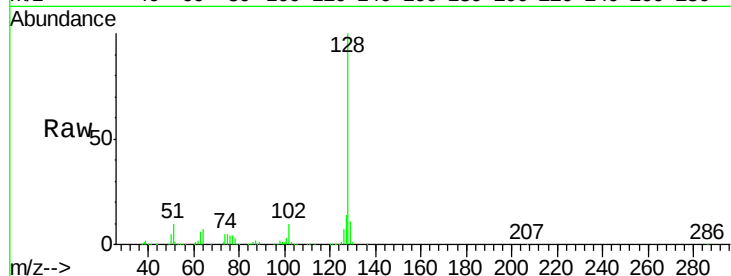




#31
Naphthalene
Concen: 42.702 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

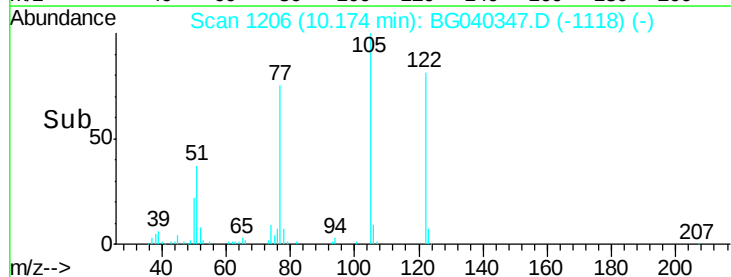
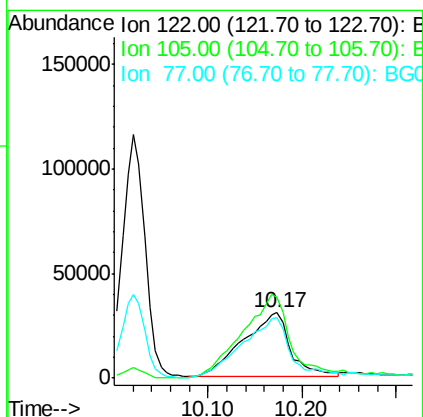
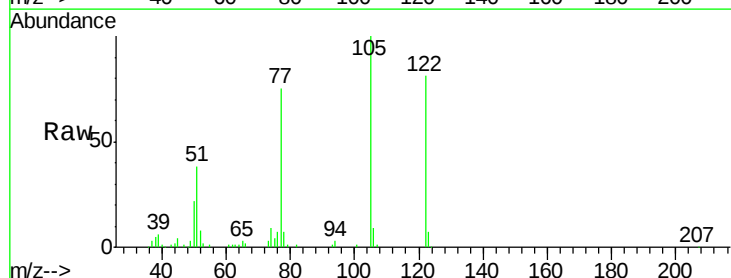
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 690386
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 38.806 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:122 Resp: 108442
Ion Ratio Lower Upper
122 100
105 123.0 98.2 138.2
77 92.6 73.6 113.6

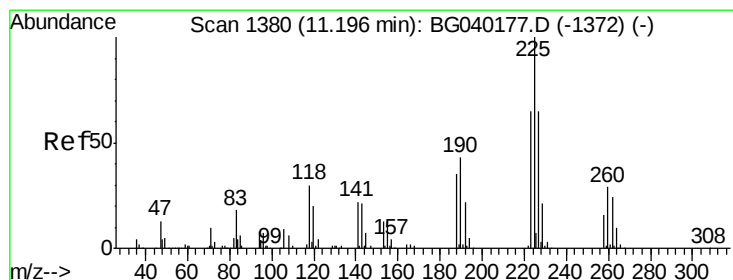
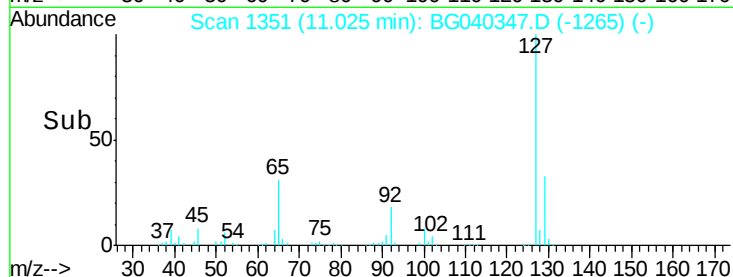
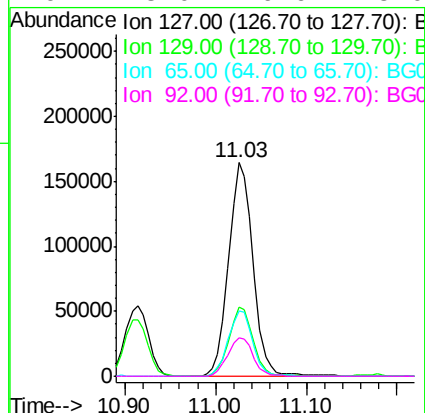
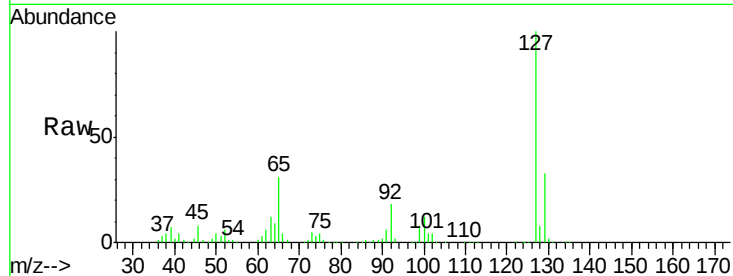




#33
 4-Chloroaniline
 Concen: 44.579 ng
 RT: 11.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

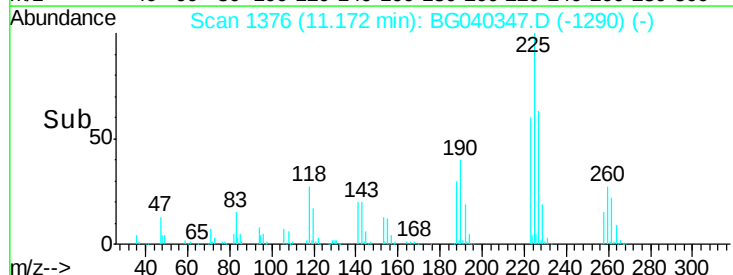
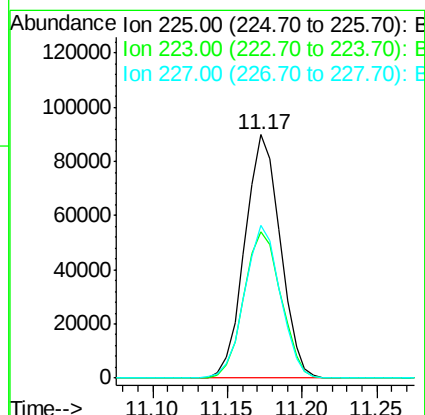
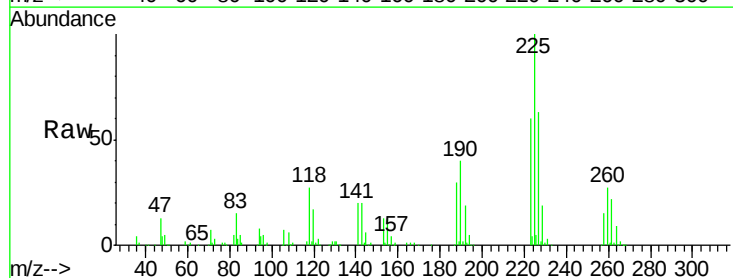
Instrument :
 BNA_G
 ClientSampleId :

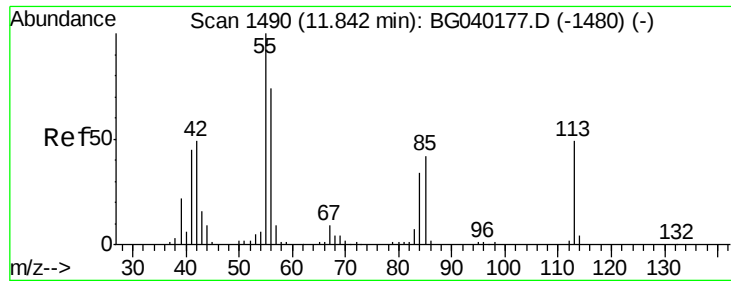
Tot Ion:	127	Resp:	307433
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	30.6	27.0	40.4
92	18.0	16.6	25.0



#34
 Hexachlorobutadiene
 Concen: 41.843 ng
 RT: 11.17 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:	225	Resp:	147517
Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.8	77.8
227	62.6	54.9	82.3

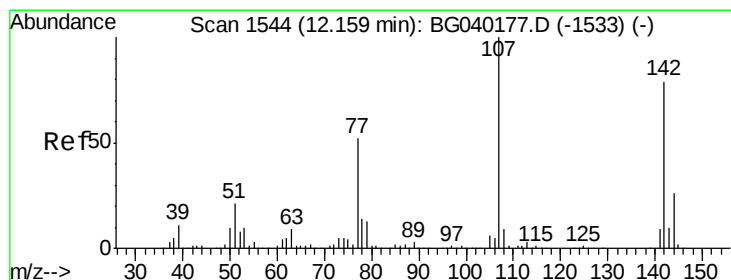
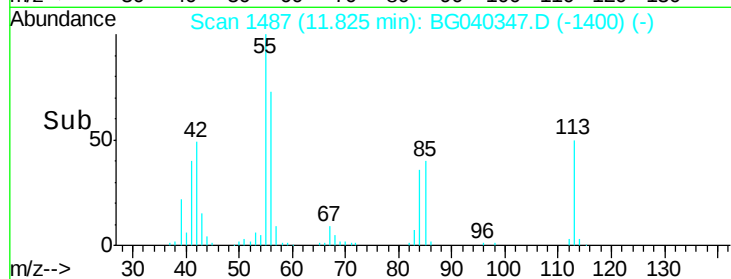
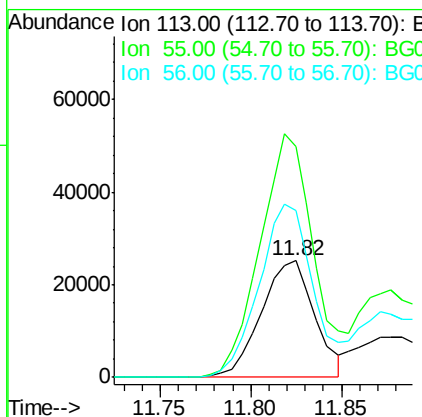
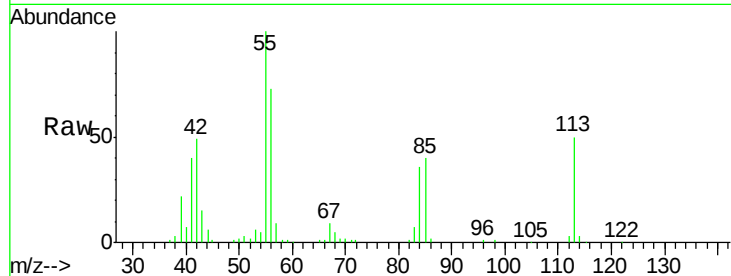




#35
 Caprolactam
 Concen: 25.777 ng
 RT: 11.82 min Scan# 1487
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

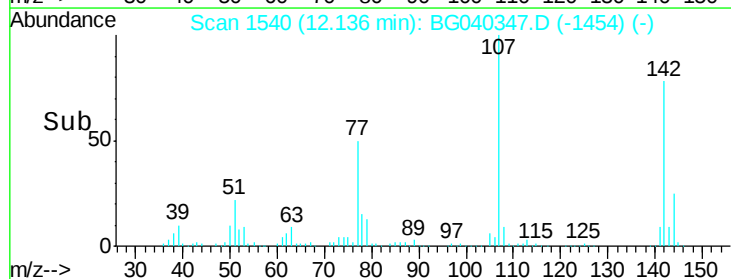
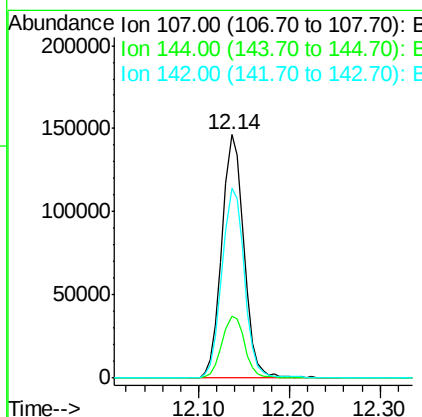
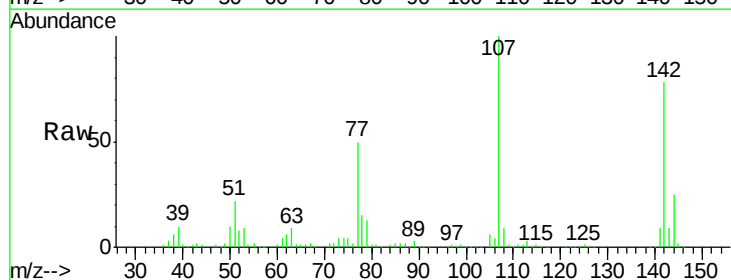
Instrument :
 BNA_G
 ClientSampled :

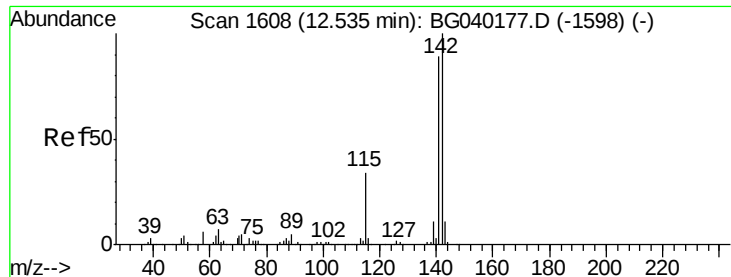
Tot Ion:113 Resp: 51354
 Ion Ratio Lower Upper
 113 100
 55 198.2 184.2 224.2
 56 143.8 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.086 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:107 Resp: 248665
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 77.7 63.1 94.7

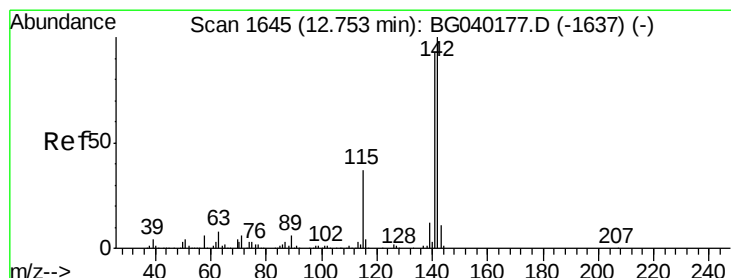
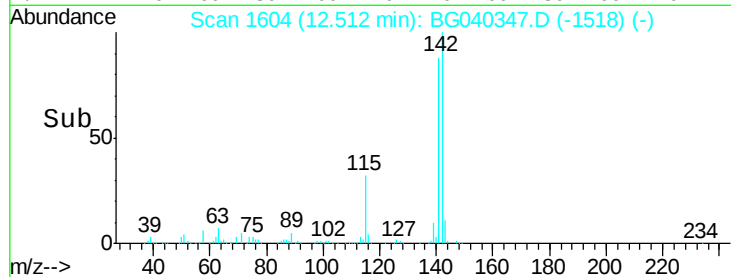
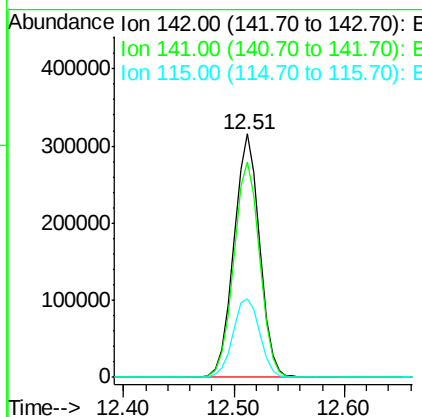
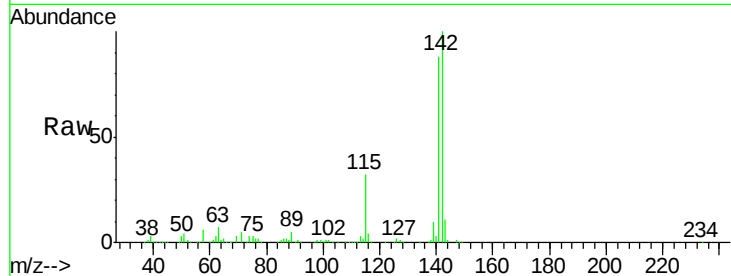




#37
2-Methylnaphthalene
Concen: 43.102 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

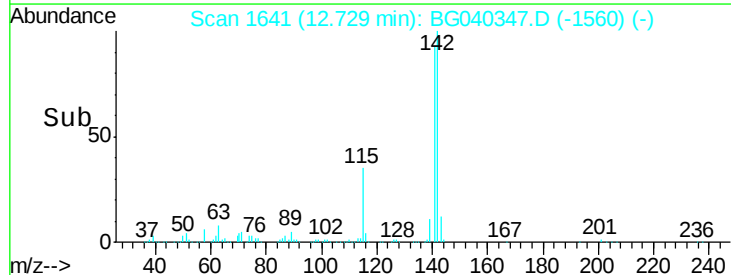
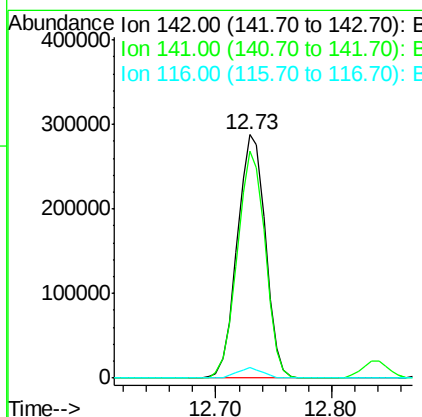
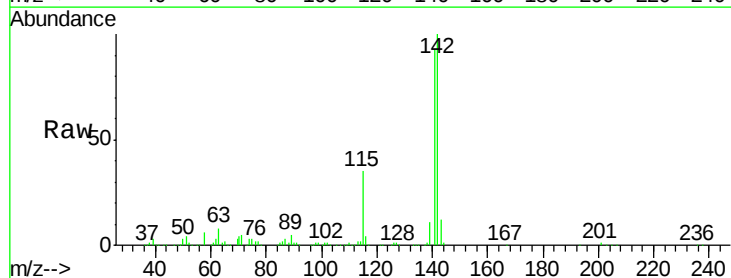
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 515389
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 32.5 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.987 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:142 Resp: 486840
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4
116 4.3 3.0 4.4

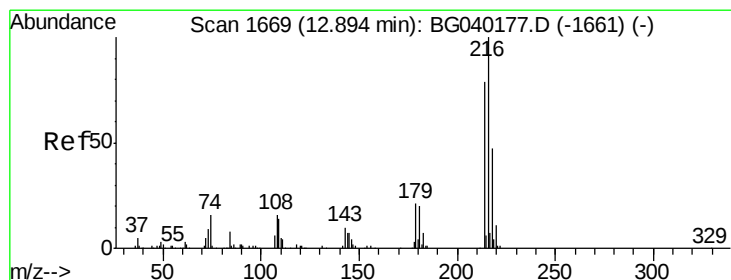
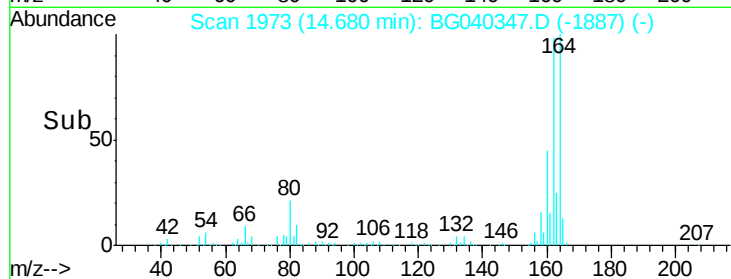
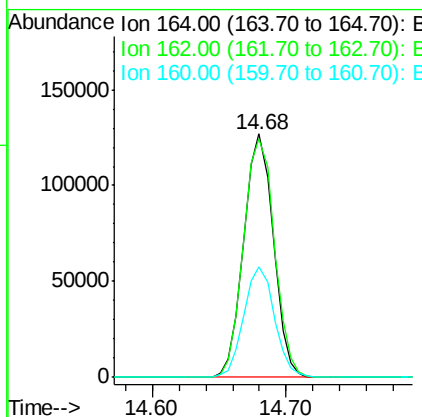
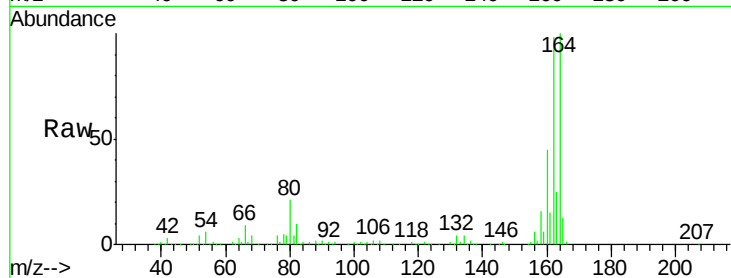




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

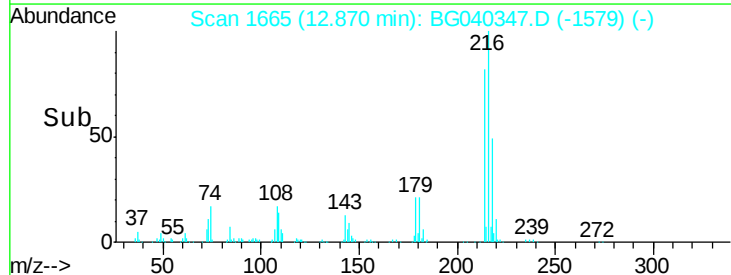
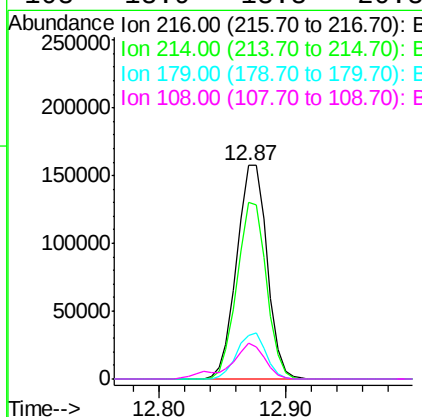
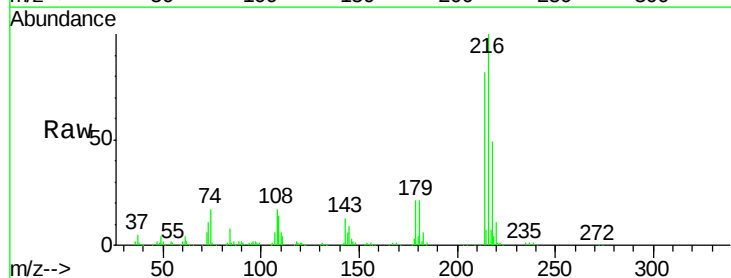
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 194563
Ion Ratio Lower Upper
164 100
162 98.0 77.4 116.2
160 45.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.338 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:216 Resp: 261813
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.7 16.6 25.0
108 18.9 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 85.685 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

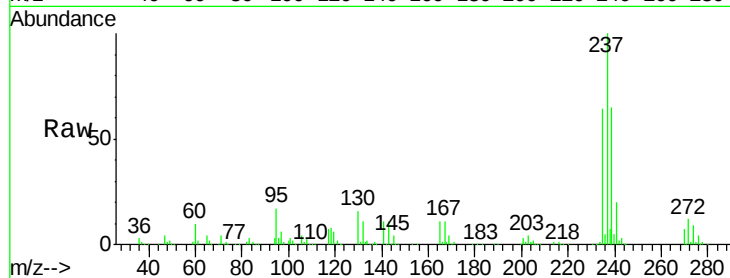
Tot Ion:237 Resp: 290935

Ion Ratio Lower Upper

237 100

235 64.1 46.2 86.2

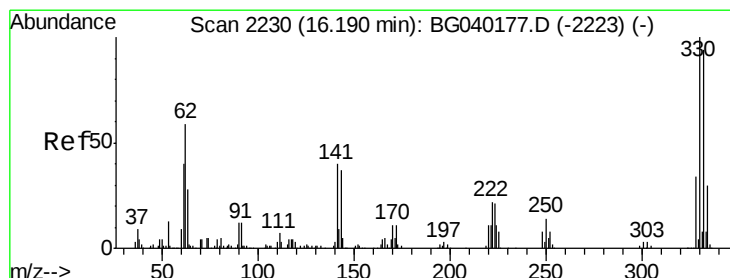
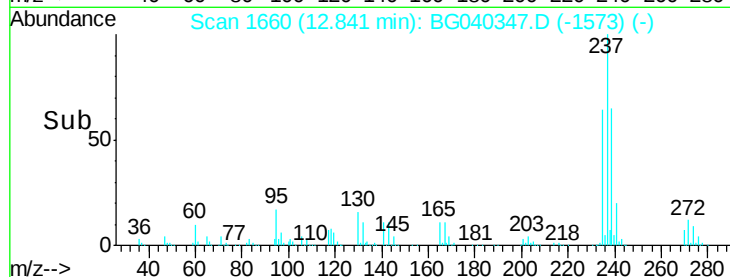
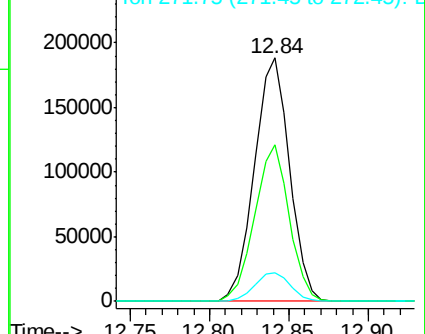
272 11.5 0.0 30.5



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: 92.813 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

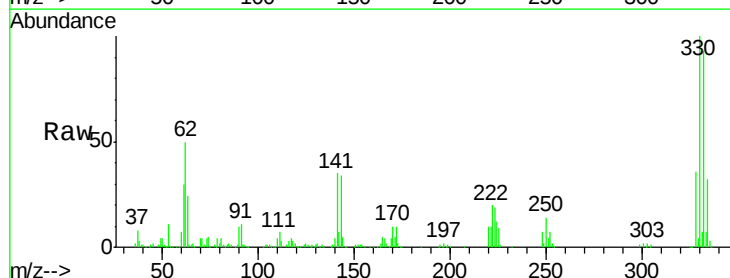
Tgt Ion:330 Resp: 195159

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

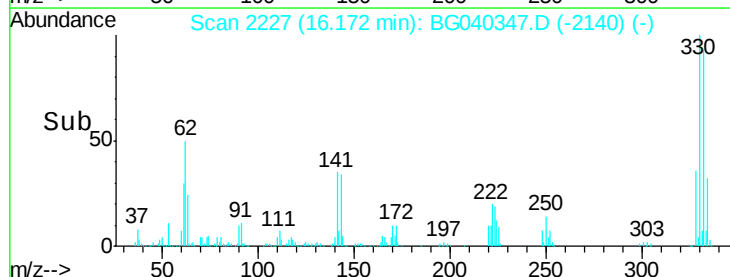
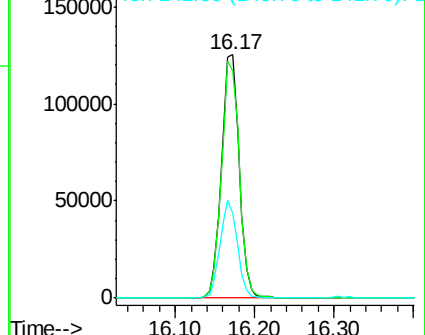
141 38.8 32.6 48.8

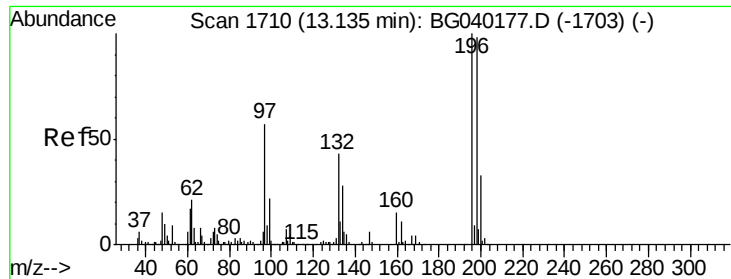


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

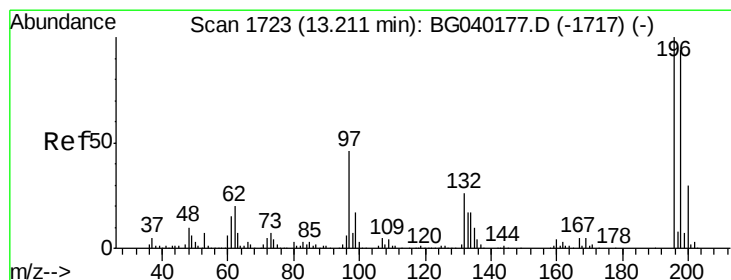
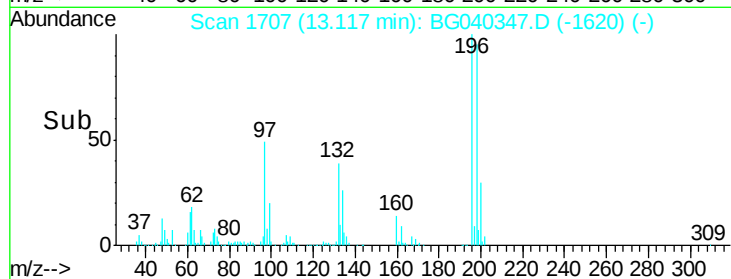
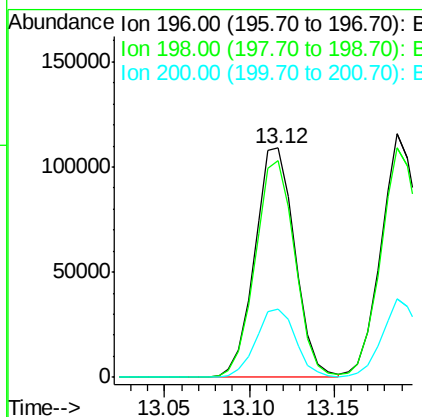
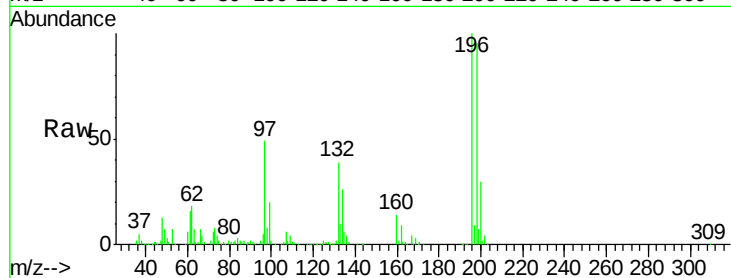




#43
 2,4,6-Trichlorophenol
 Concen: 45.057 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

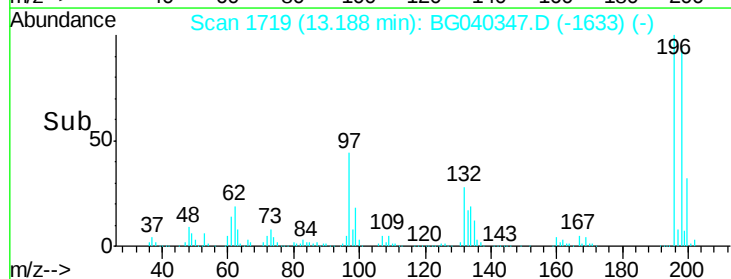
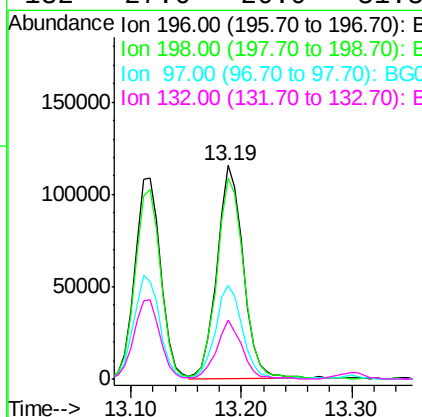
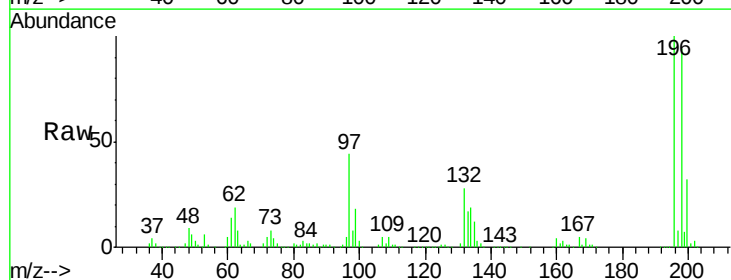
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 179640
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.3 117.5
 200 29.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.739 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:196 Resp: 190074
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.0 112.6
 97 43.7 37.3 55.9
 132 27.6 20.9 31.3

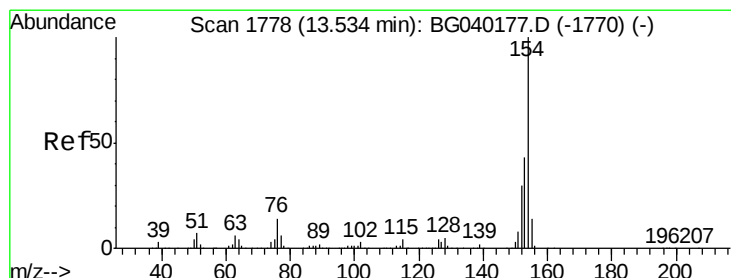
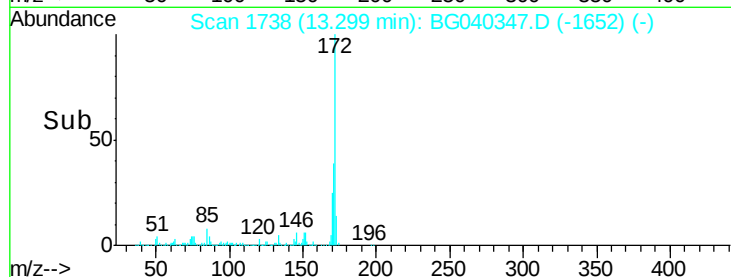
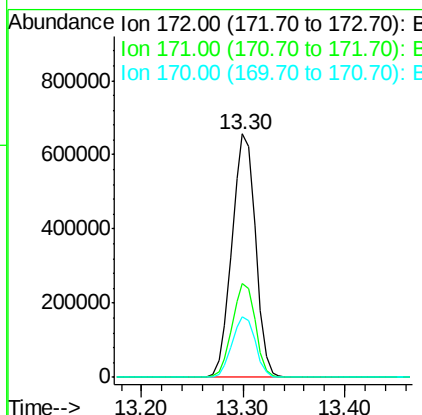
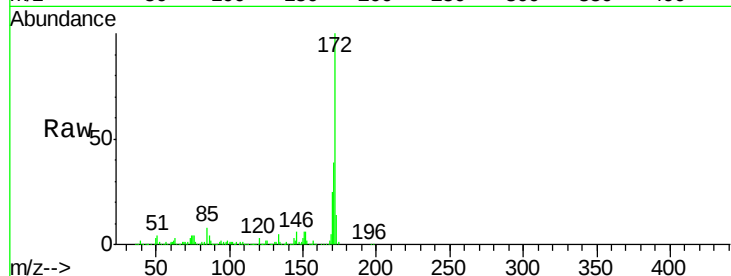




#45
2-Fluorobiphenyl
Concen: 80.471 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

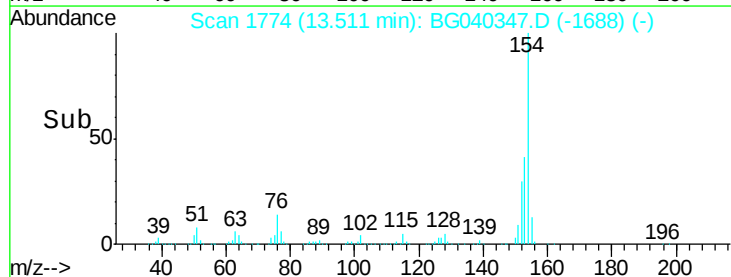
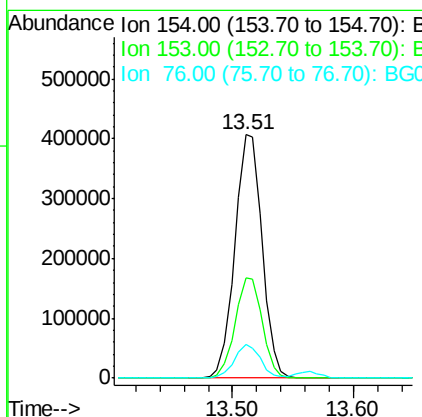
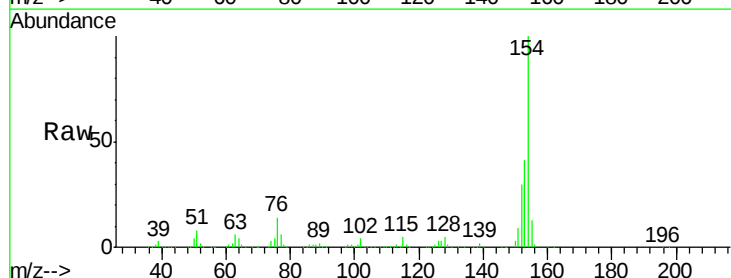
Instrument :
BNA_G
ClientSampleId :

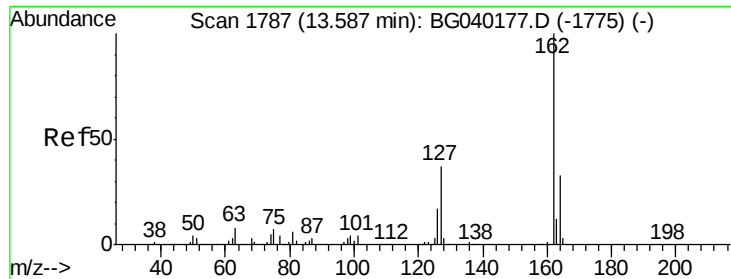
Tot Ion:172 Resp: 1056619
Ion Ratio Lower Upper
172 100
171 38.8 30.5 45.7
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.482 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:154 Resp: 637703
Ion Ratio Lower Upper
154 100
153 41.3 22.5 62.5
76 13.6 0.0 33.7

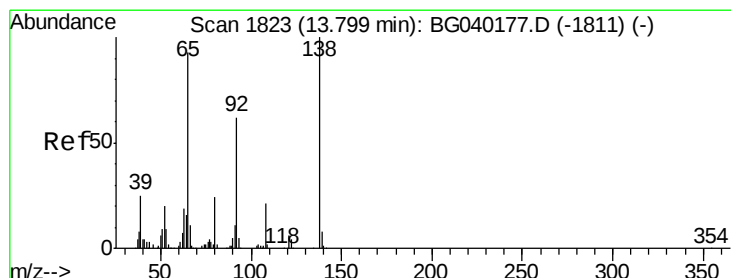
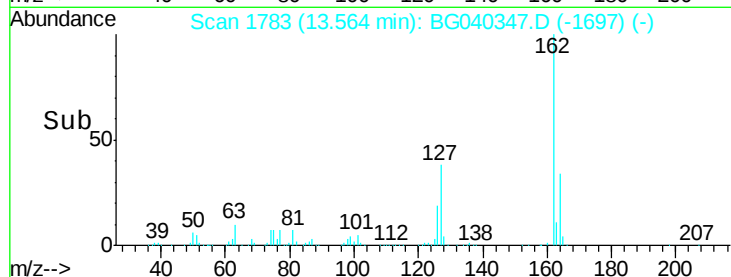
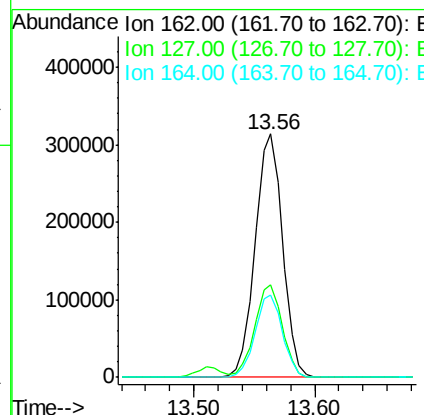
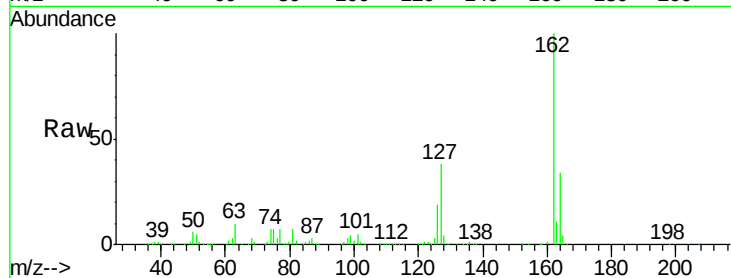




#47
2-Chloronaphthalene
Concen: 42.314 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

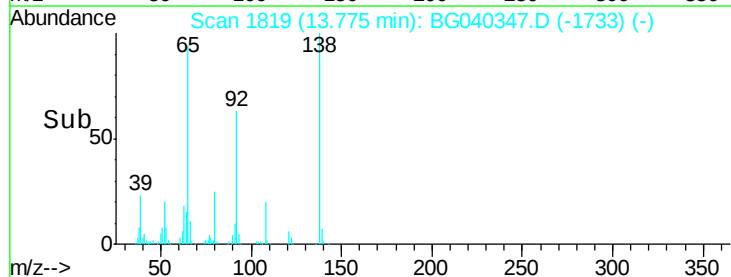
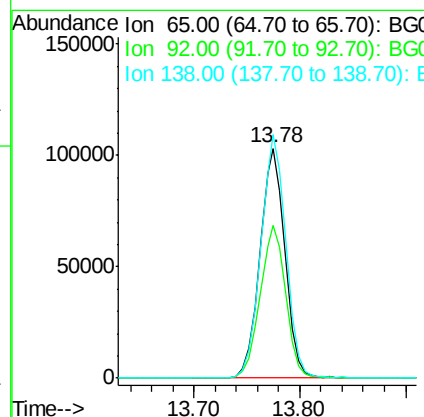
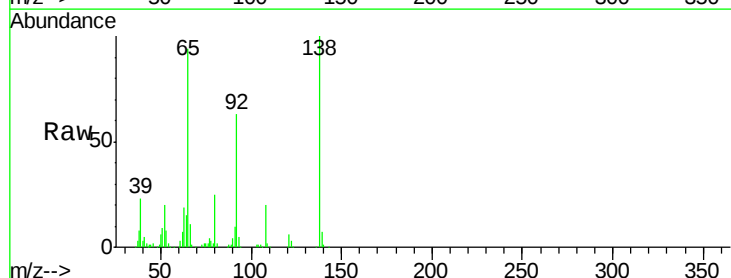
Instrument :
BNA_G
ClientSampleId :

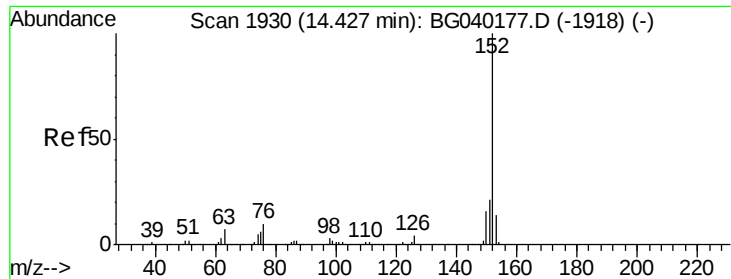
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	33.8	26.2	39.4



#48
2-Nitroaniline
Concen: 42.973 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.8	80.6
138	105.9	86.3	129.5





#49

Acenaphthylene

Concen: 40.509 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

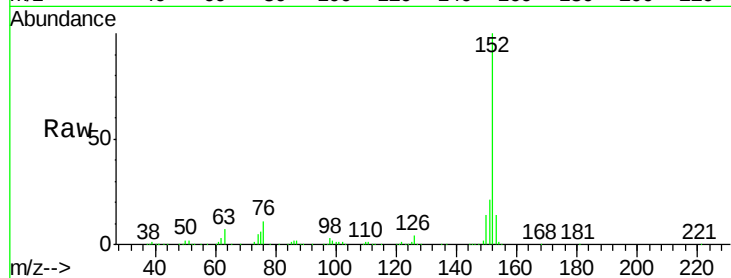
Tot Ion:152 Resp: 809908

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.6

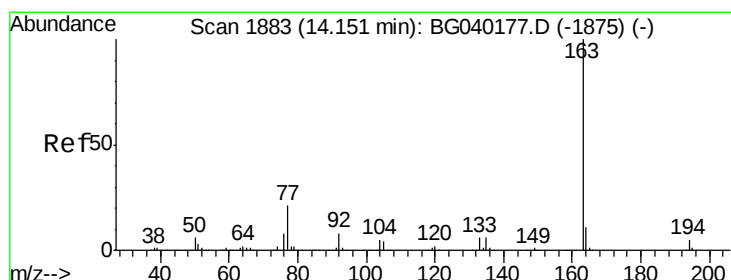
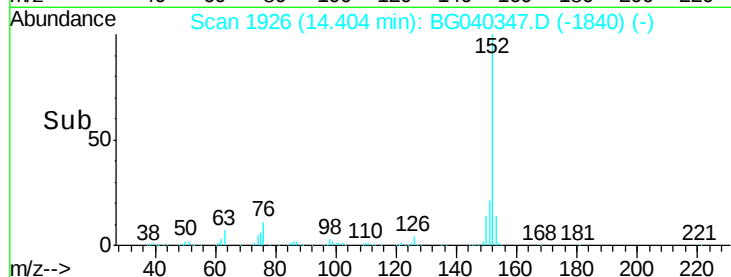
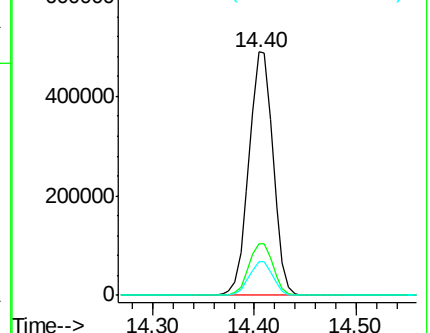
153 13.8 10.8 16.2



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: 42.144 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

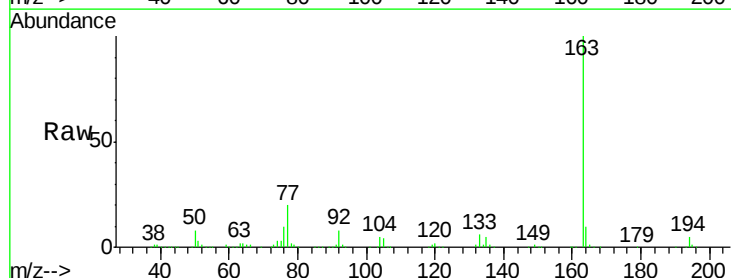
Tgt Ion:163 Resp: 641736

Ion Ratio Lower Upper

163 100

194 4.8 4.1 6.1

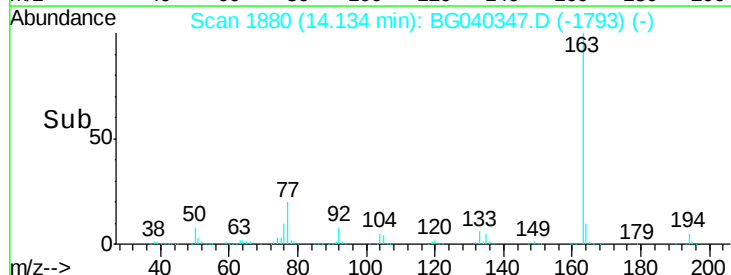
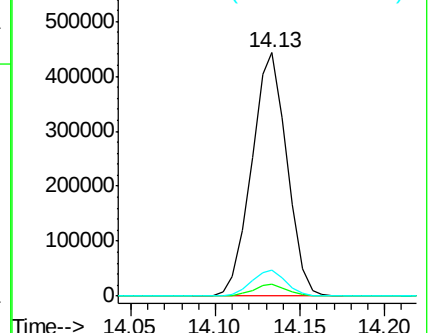
164 10.4 8.6 13.0

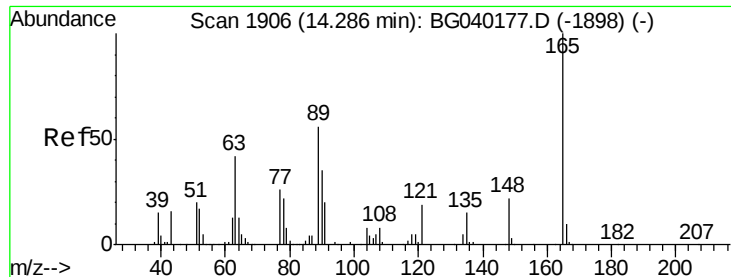


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

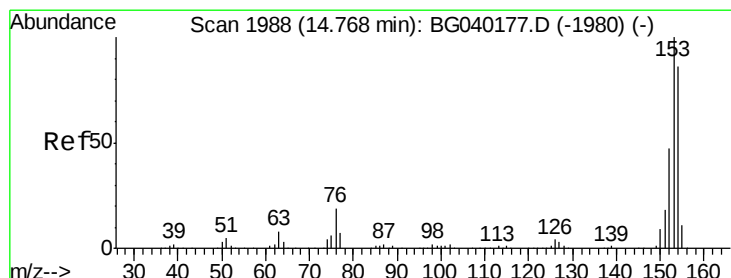
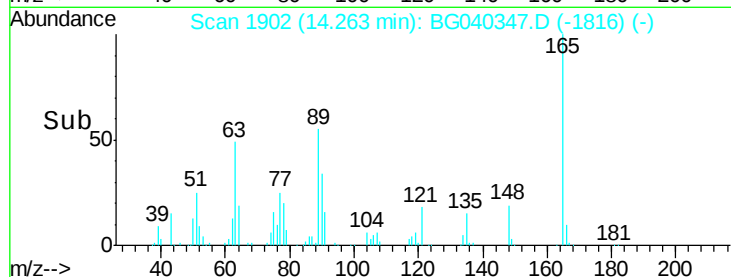
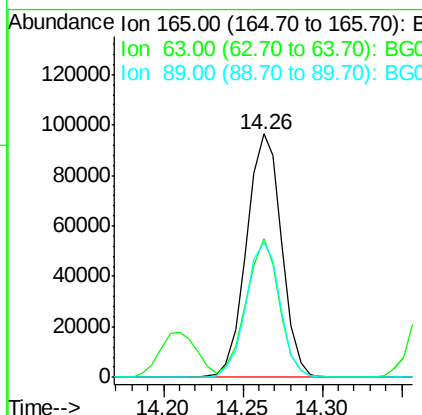
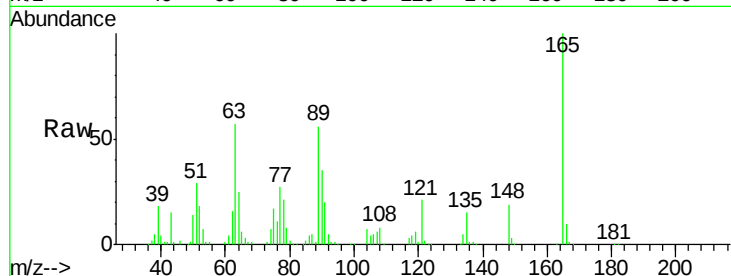




#51
 2,6-Dinitrotoluene
 Concen: 43.199 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

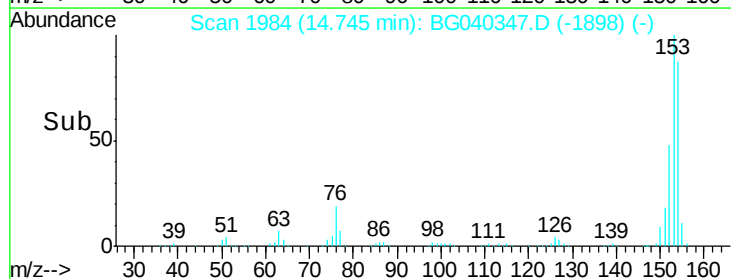
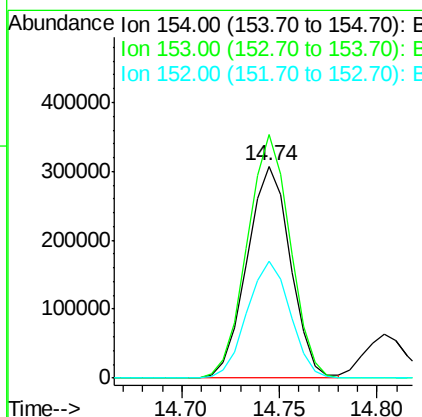
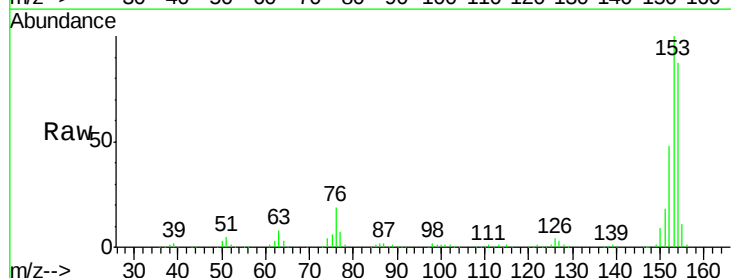
Instrument :
 BNA_G
 ClientSampled :

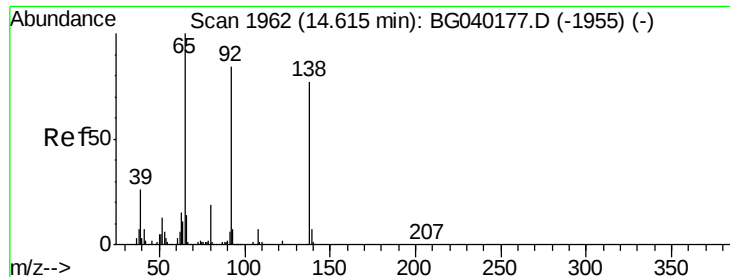
Tot Ion:165 Resp: 147700
 Ion Ratio Lower Upper
 165 100
 63 56.9 44.1 66.1
 89 55.5 44.9 67.3



#52
 Acenaphthene
 Concen: 41.411 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:154 Resp: 474425
 Ion Ratio Lower Upper
 154 100
 153 114.9 92.8 139.2
 152 55.4 43.4 65.2





#53

3-Nitroaniline

Concen: 45.681 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

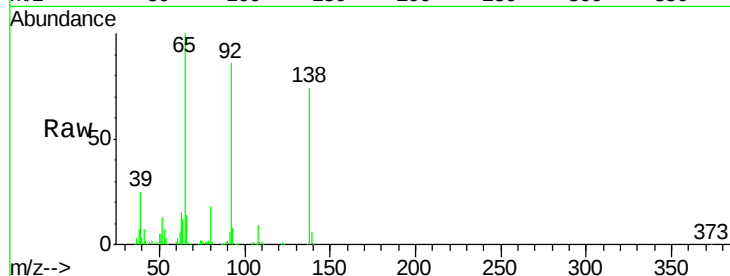
Tot Ion:138 Resp: 165329

Ion Ratio Lower Upper

138 100

108 11.6 7.8 11.8

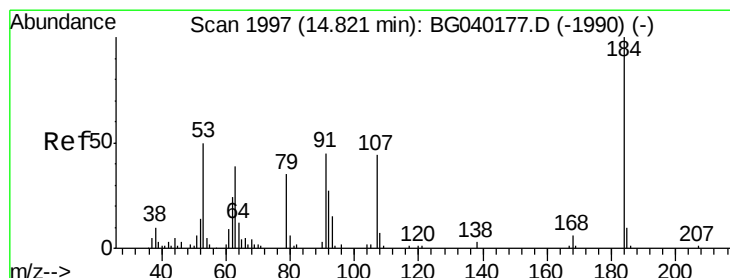
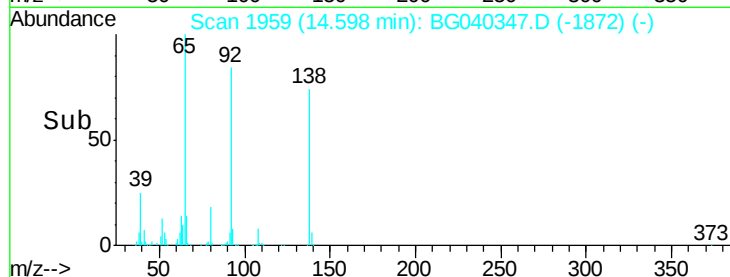
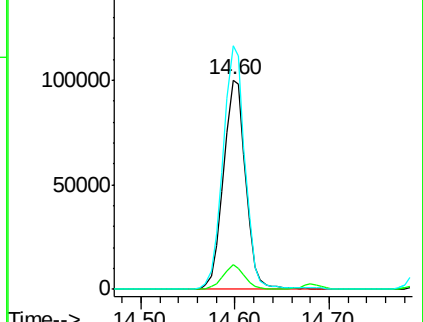
92 116.3 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 95.891 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

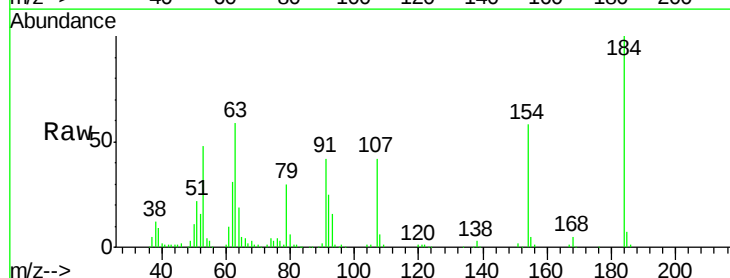
Tgt Ion:184 Resp: 174362

Ion Ratio Lower Upper

184 100

63 59.3 51.8 77.8

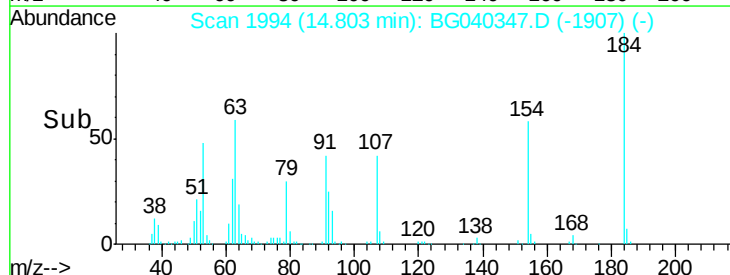
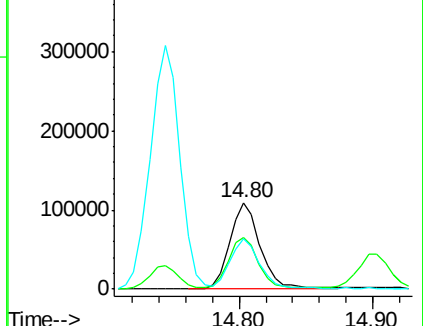
154 57.9 50.9 76.3

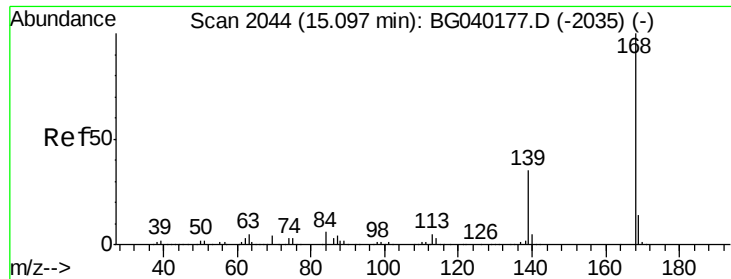


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

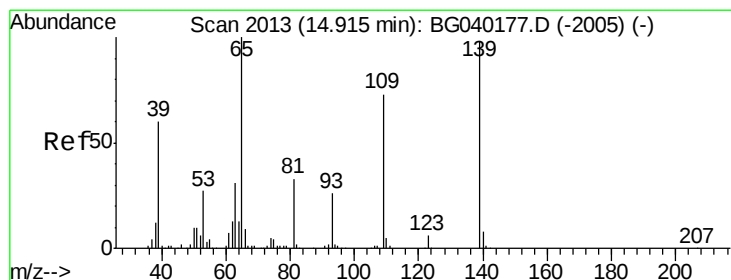
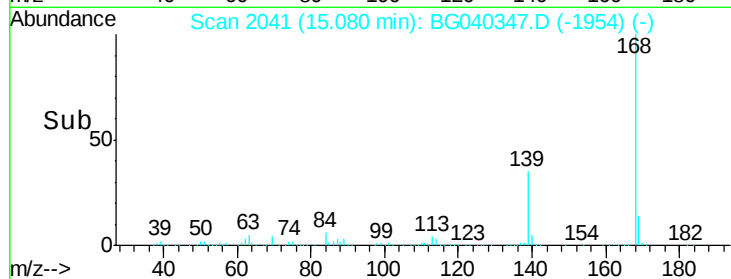
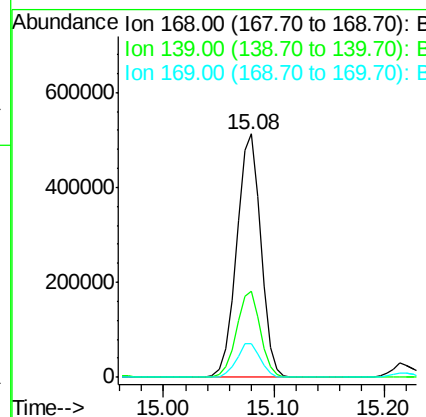
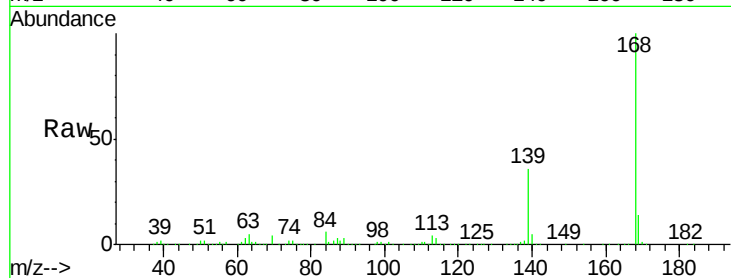




#55
Dibenzenofuran
Concen: 42.539 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

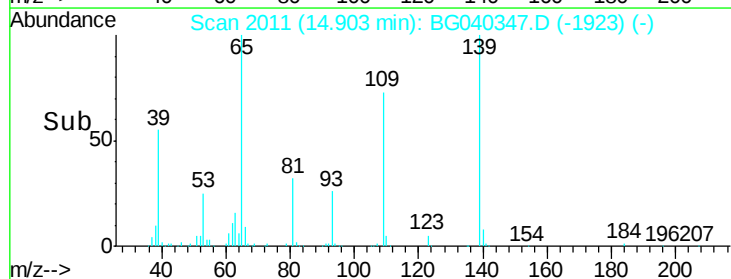
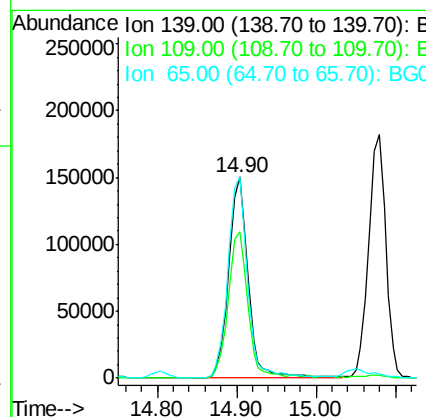
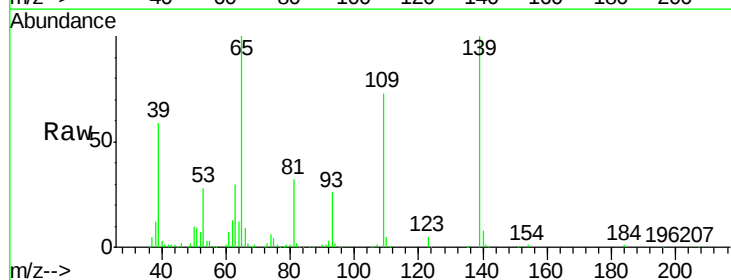
Instrument :
BNA_G
ClientSampleId :

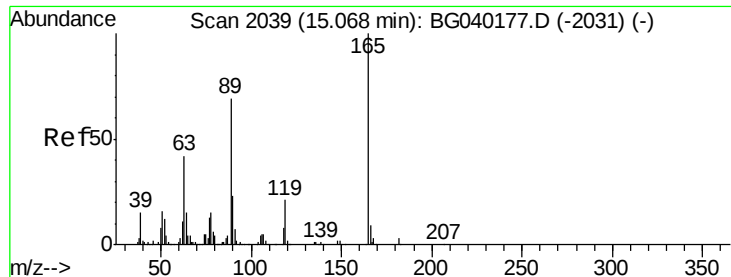
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.9	41.9
169	14.0	11.3	16.9



#56
4-Nitrophenol
Concen: 88.287 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	54.3	94.3
65	100.3	82.5	122.5

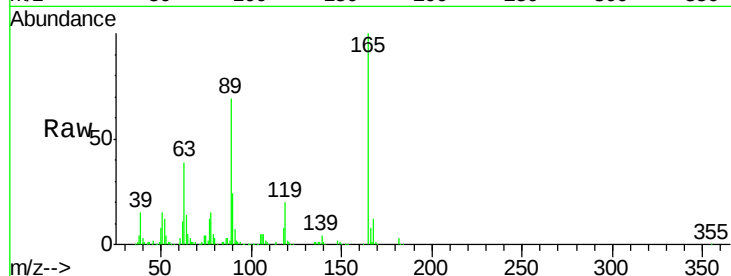




#57
2,4-Dinitrotoluene
Concen: 44.301 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	33.8	50.6
89	68.7	55.4	83.2
182	2.8	2.2	3.4

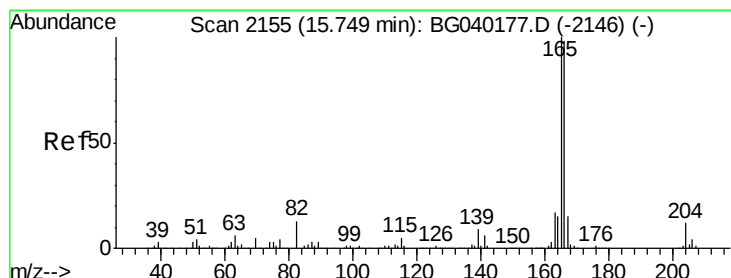
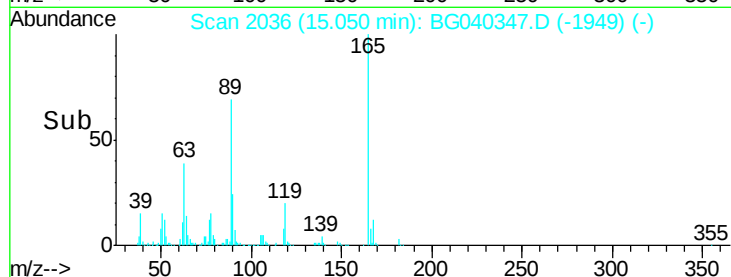
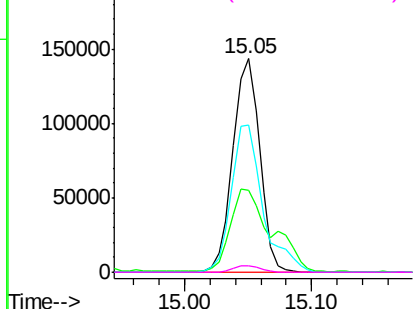


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

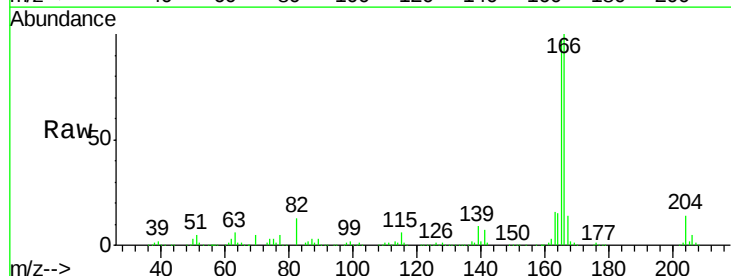
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.533 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

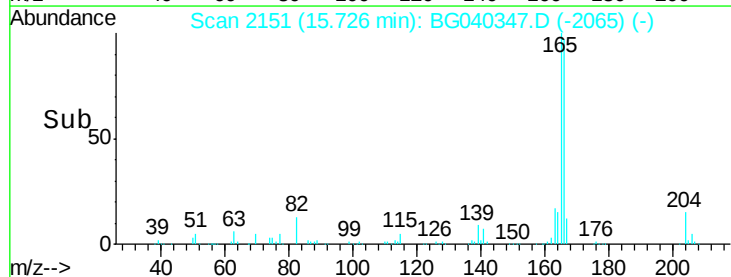
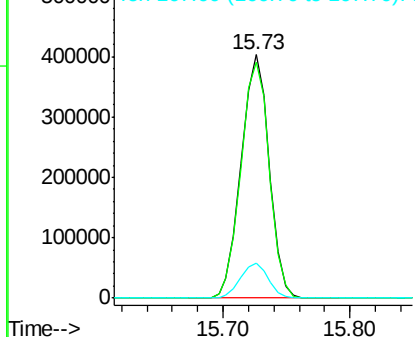
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	81.7	122.5
167	14.5	11.9	17.9

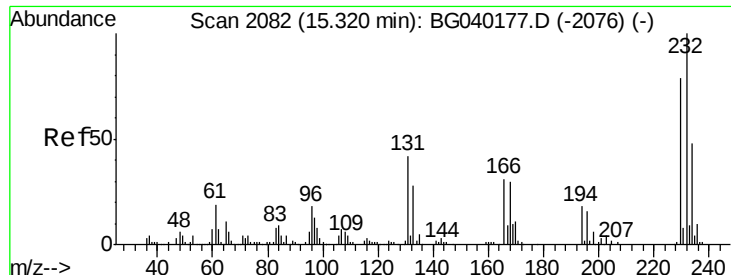


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

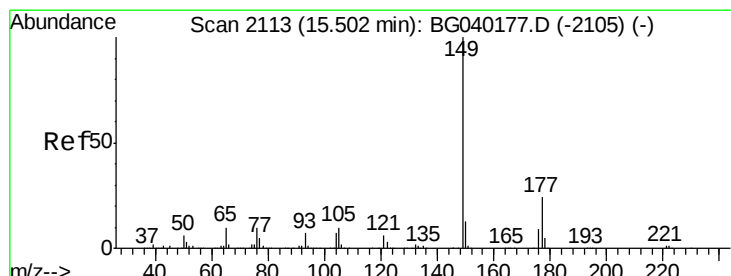
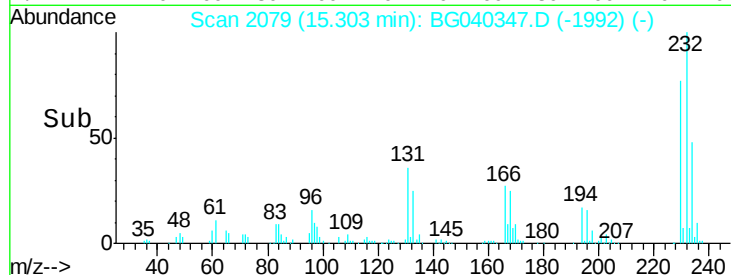
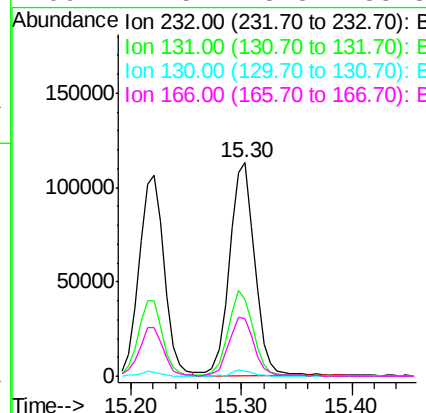
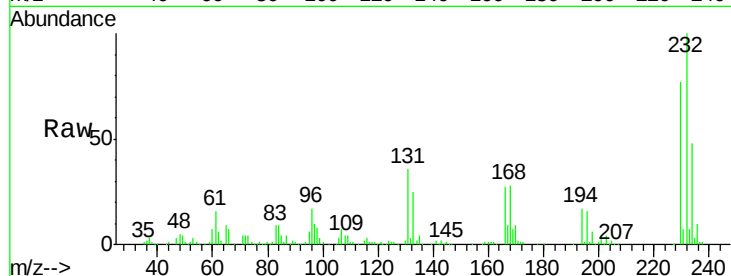




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.772 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

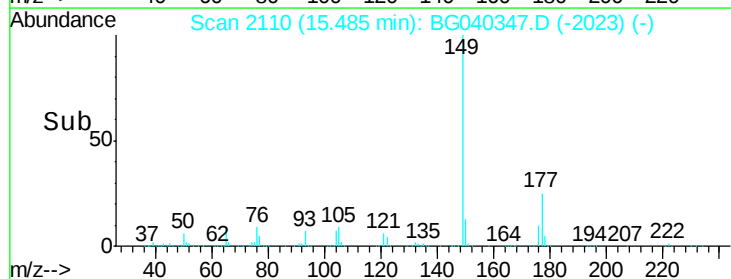
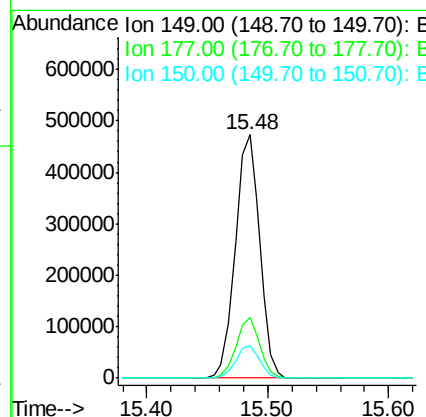
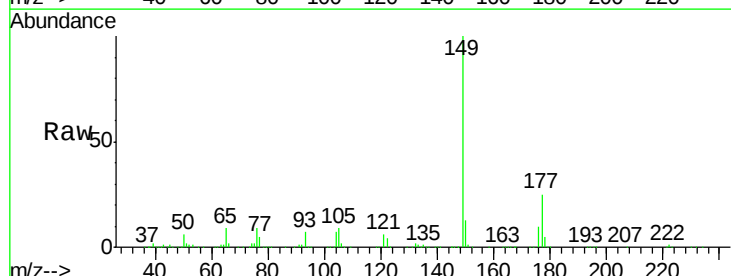
Instrument :
 BNA_G
 ClientSampleId :

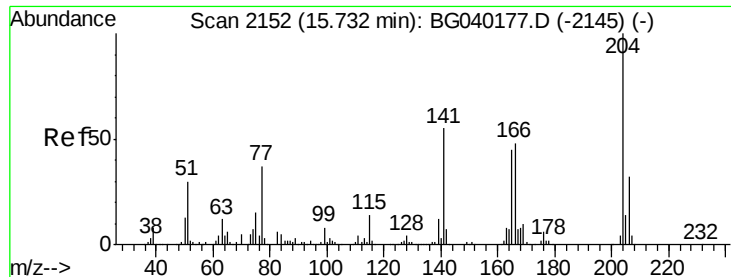
Tot Ion:	232	Resp:	180503
Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.9	49.3
130	2.4	1.8	2.8
166	27.5	23.5	35.3



#60
 Diethylphthalate
 Concen: 42.494 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:	149	Resp:	662136
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.1	28.7
150	13.1	10.6	15.8

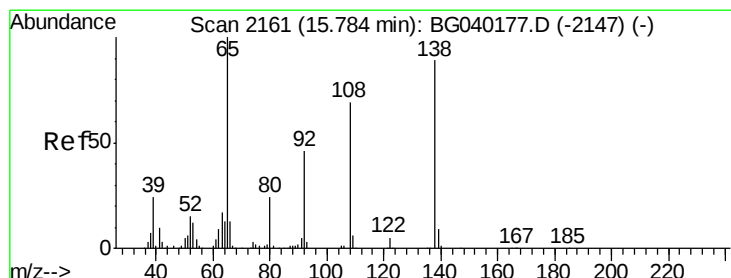
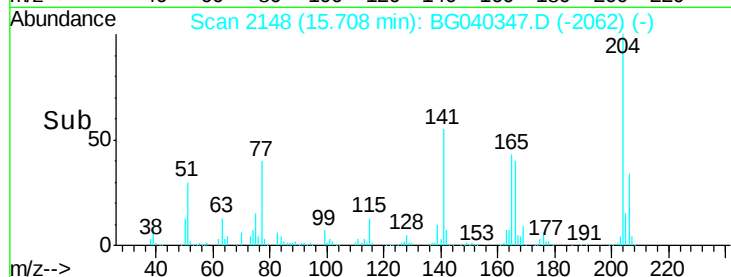
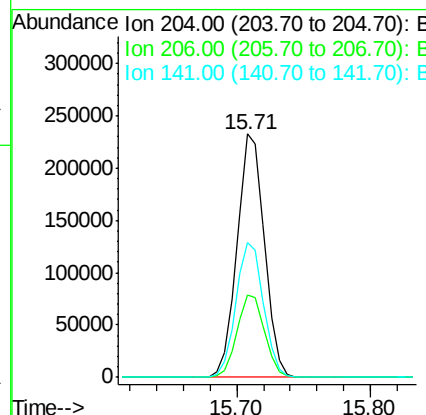
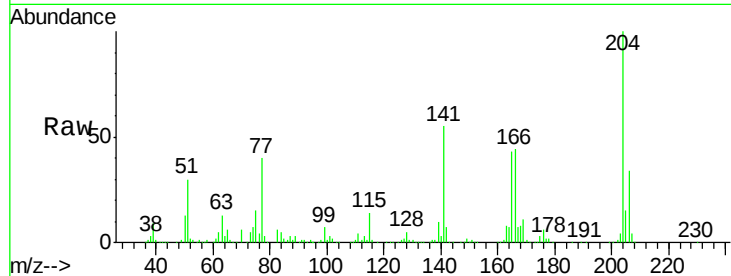




#61
 4-Chlorophenyl-phenylether
 Concen: 42.884 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

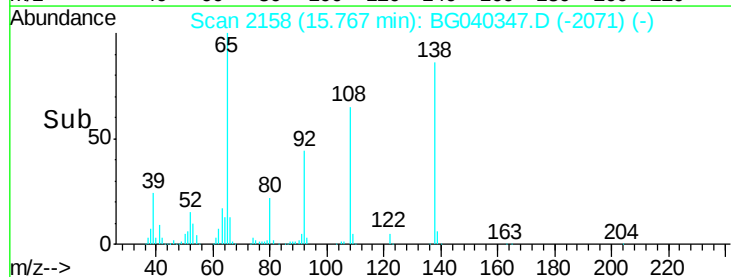
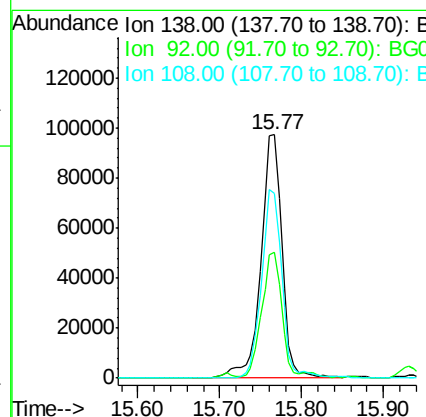
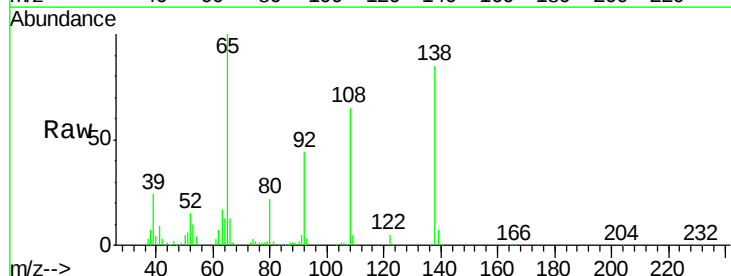
Instrument :
 BNA_G
 ClientSampled :

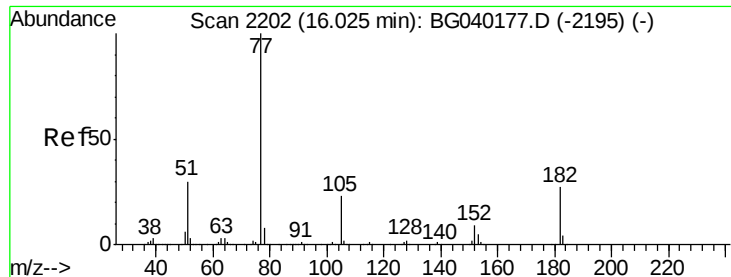
Tot Ion:204 Resp: 331770
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.7 38.5
 141 55.4 44.0 66.0



#62
 4-Nitroaniline
 Concen: 45.253 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:138 Resp: 175764
 Ion Ratio Lower Upper
 138 100
 92 51.7 31.8 71.8
 108 76.0 57.2 97.2





#63

Azobenzene

Concen: 41.869 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

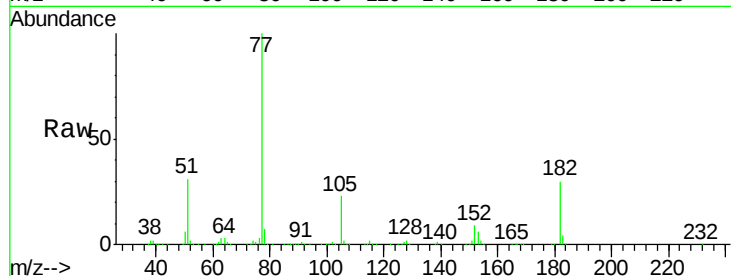
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 615379

Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.2	47.2
105	23.0	2.8	42.8
51	30.6	10.4	50.4

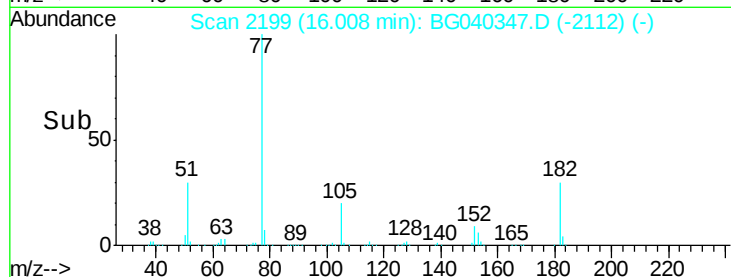


Abundance Ion 77.00 (76.70 to 77.70): BGC

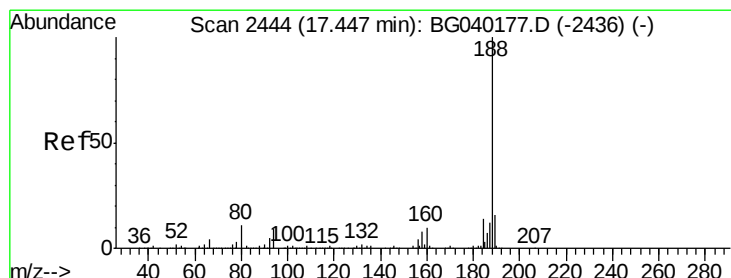
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 15.90 16.00 16.10



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

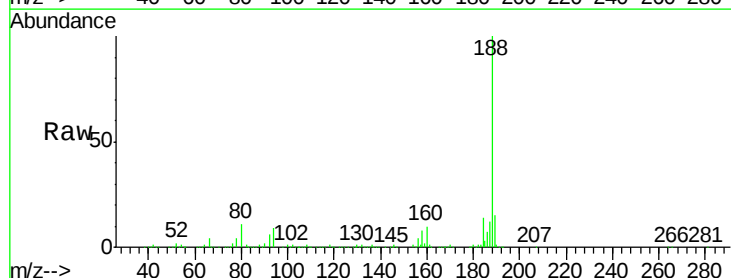
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion: 188 Resp: 481843

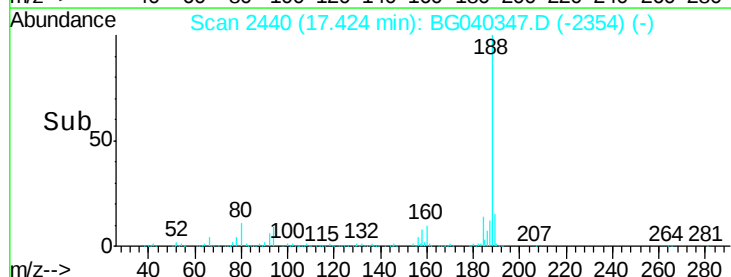
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.5	8.6	13.0



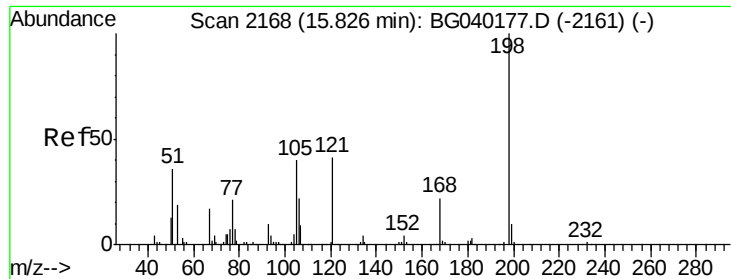
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50



#65

4,6-Dinitro-2-methylphenol

Concen: 48.000 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

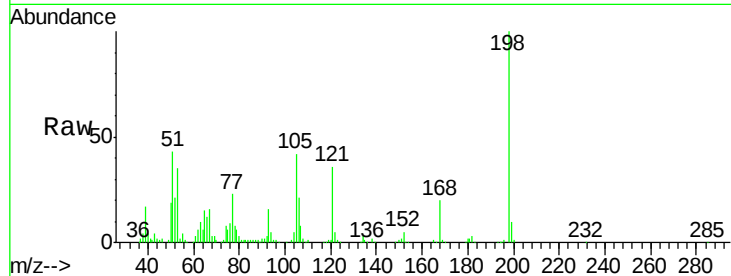
Tot Ion:198 Resp: 129939

Ion Ratio Lower Upper

198 100

51 42.8 27.3 67.3

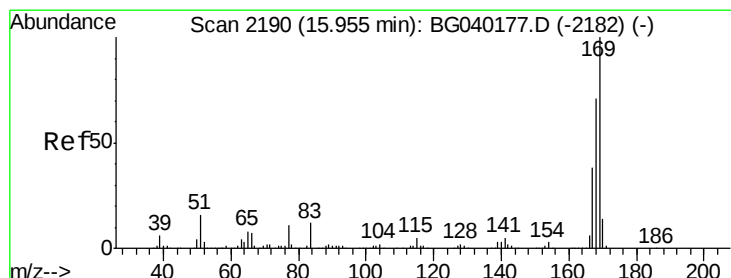
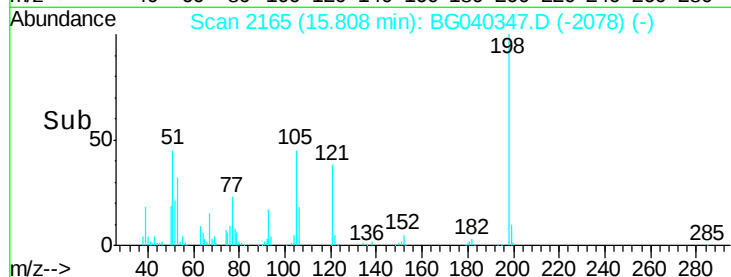
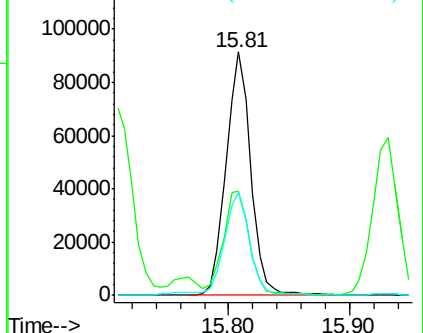
105 42.3 21.7 61.7



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: 40.692 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

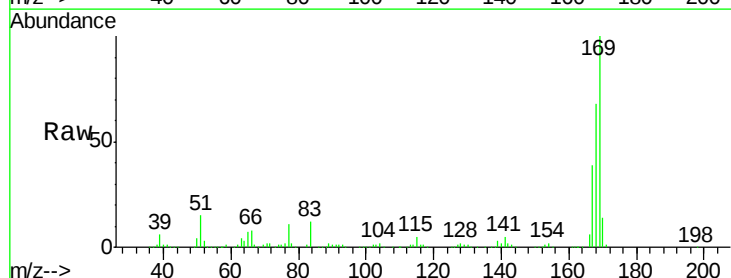
Tgt Ion:169 Resp: 573764

Ion Ratio Lower Upper

169 100

168 68.4 56.8 85.2

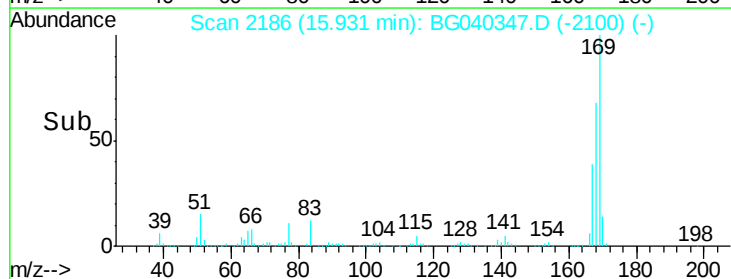
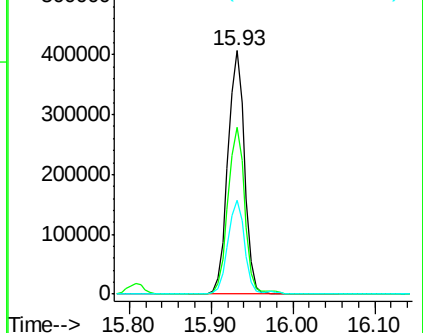
167 38.8 30.2 45.4



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

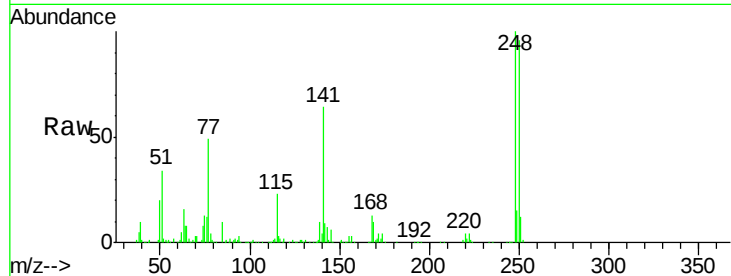




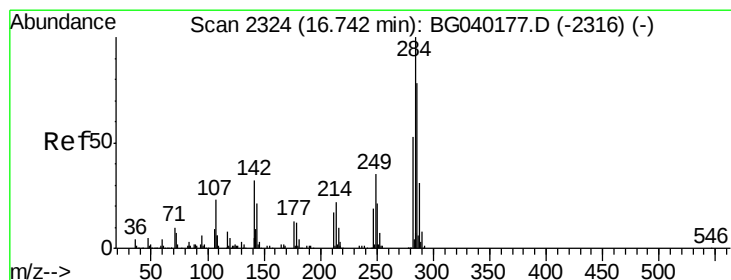
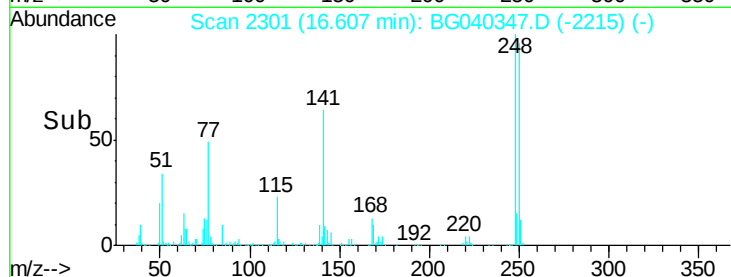
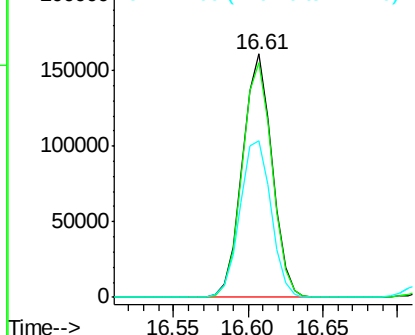
#67
4-Bromophenyl-phenylether
Concen: 40.612 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 220216
Ion Ratio Lower Upper
248 100
250 96.2 76.4 114.6
141 64.3 53.8 80.8

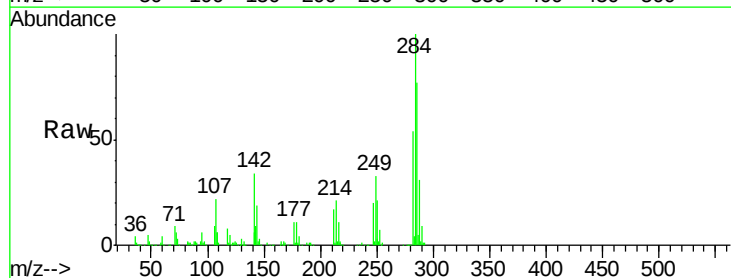


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

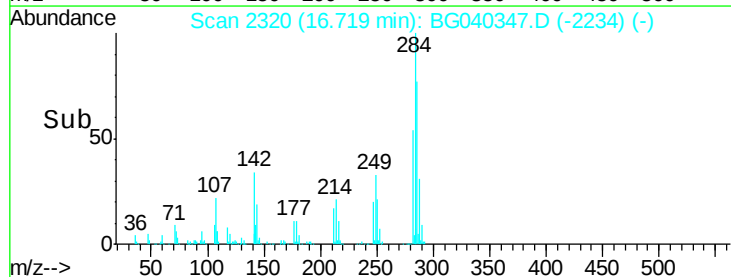
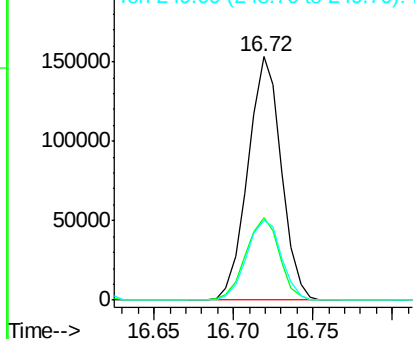


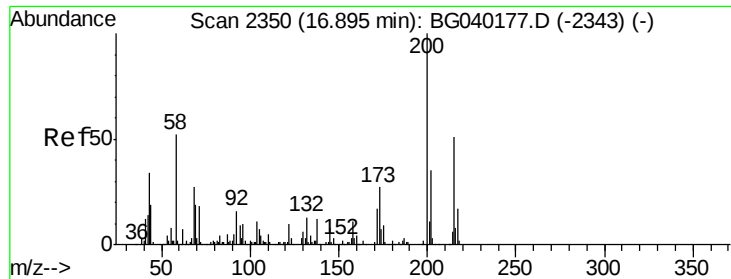
#68
Hexachlorobenzene
Concen: 41.133 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:284 Resp: 224258
Ion Ratio Lower Upper
284 100
142 33.8 25.3 37.9
249 32.6 28.2 42.2



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





#69

Atrazine

Concen: 15.399 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

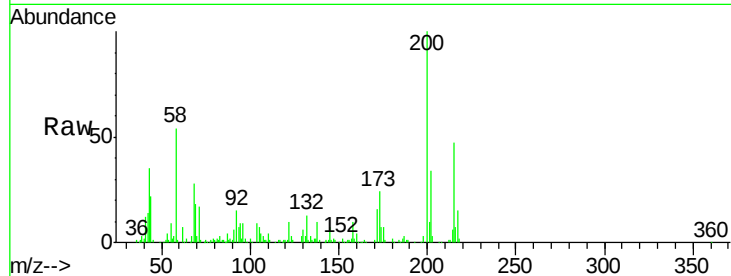
Tot Ion:200 Resp: 80772

Ion Ratio Lower Upper

200 100

173 24.2 7.1 47.1

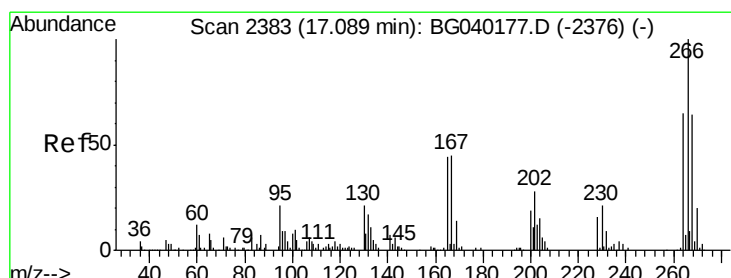
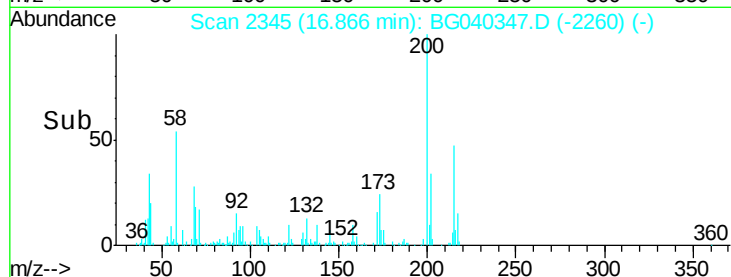
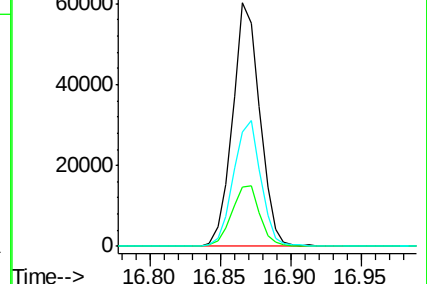
215 47.0 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.311 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

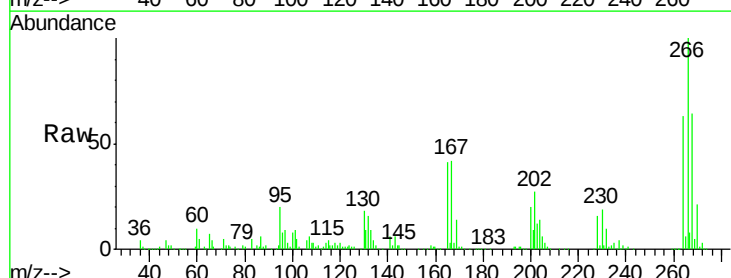
Tgt Ion:266 Resp: 253143

Ion Ratio Lower Upper

266 100

268 63.9 55.0 82.4

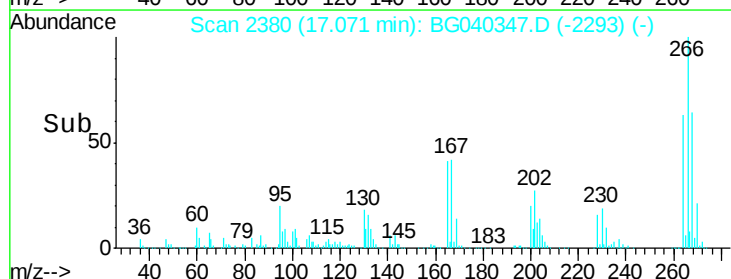
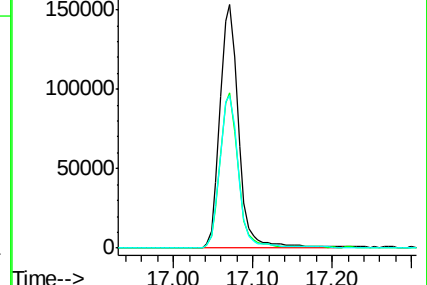
264 62.8 51.8 77.8

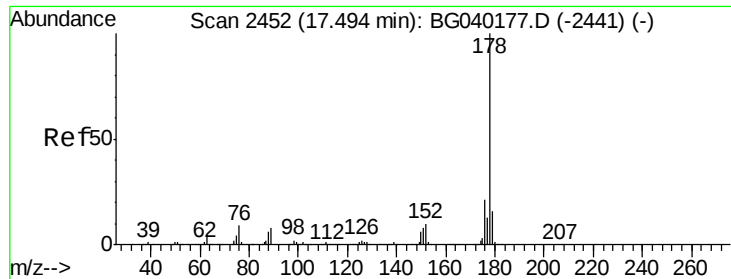


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

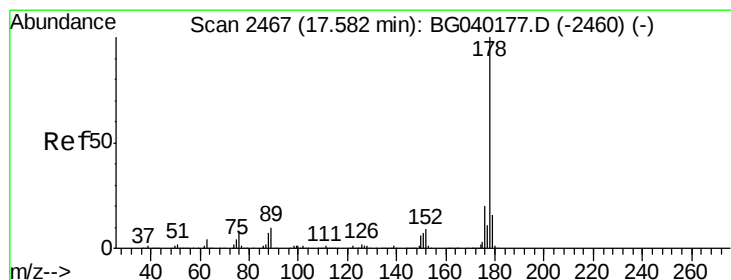
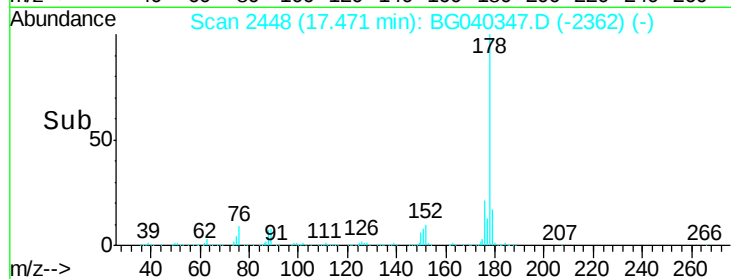
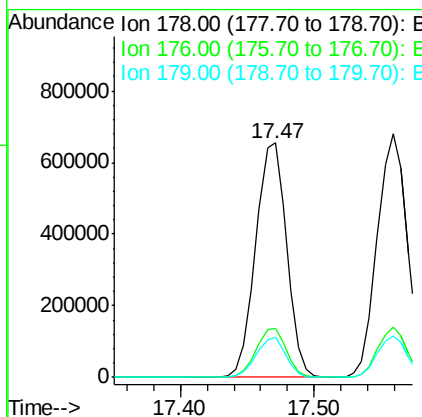
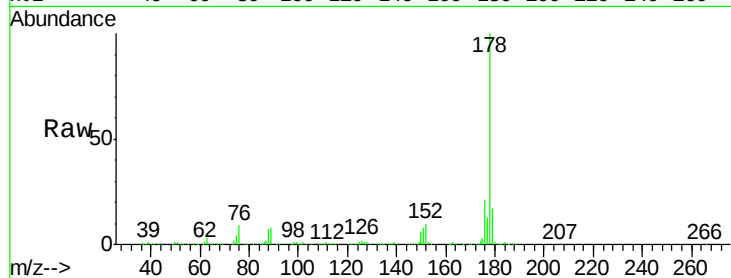




#71
Phenanthrene
Concen: 41.304 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

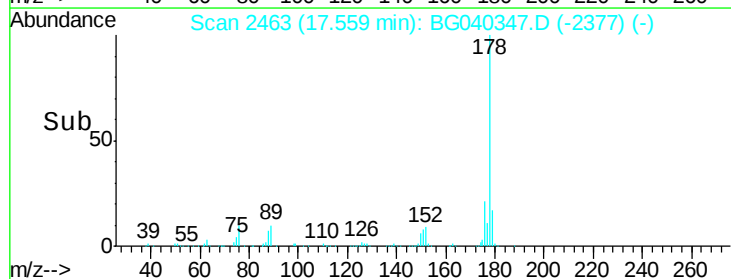
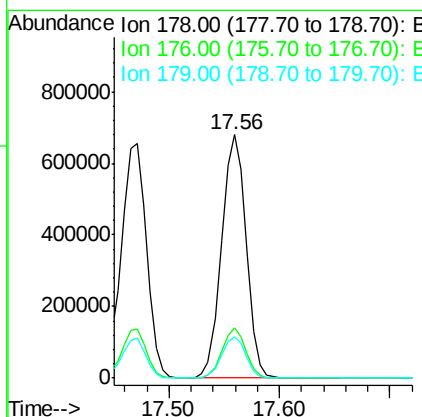
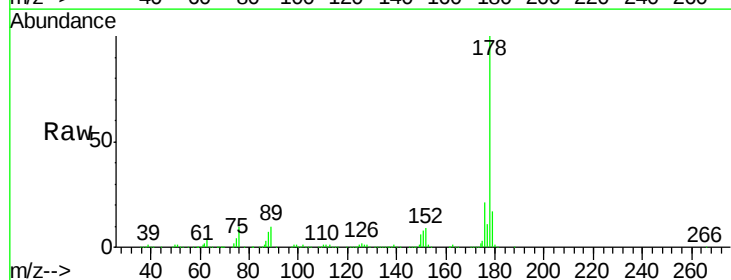
Instrument :
BNA_G
ClientSampleId :

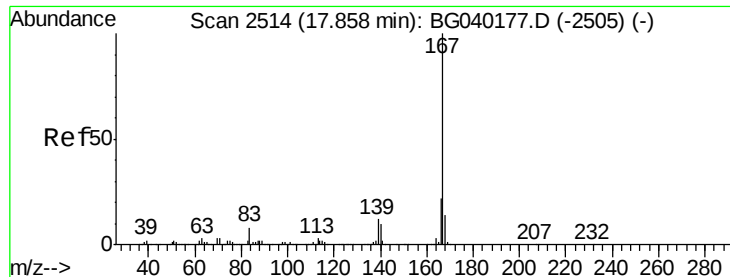
Tot Ion:178 Resp: 1046099
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 16.8 12.8 19.2



#72
Anthracene
Concen: 41.539 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:178 Resp: 1052996
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 17.0 12.9 19.3



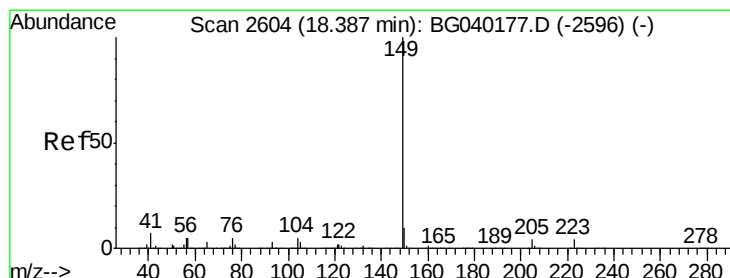
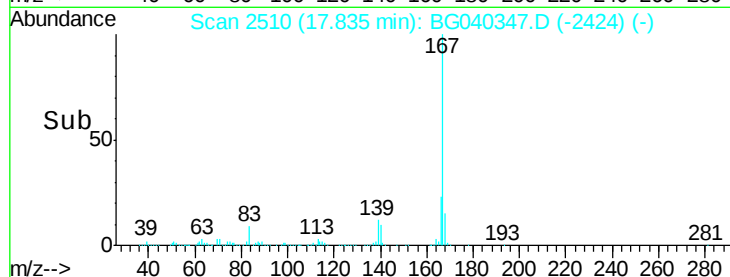
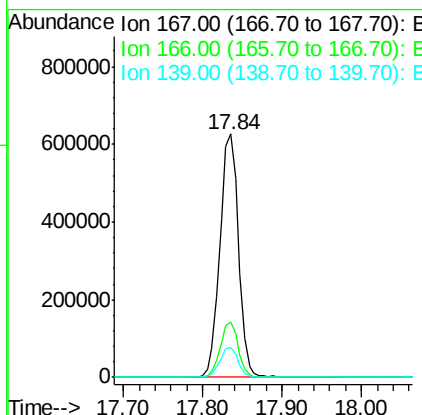
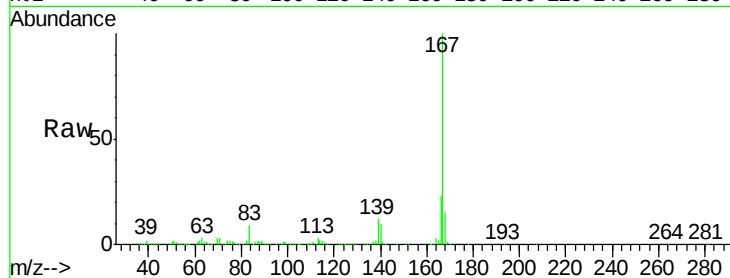


#73
 Carbazole
 Concen: 42.395 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1017077

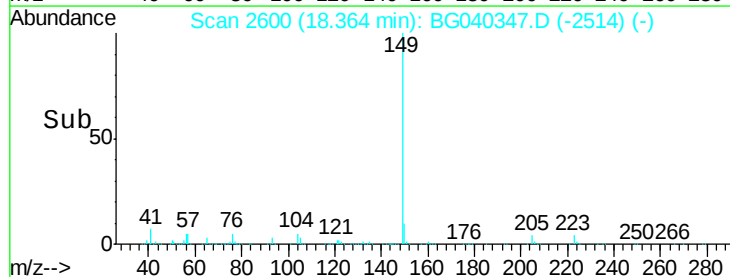
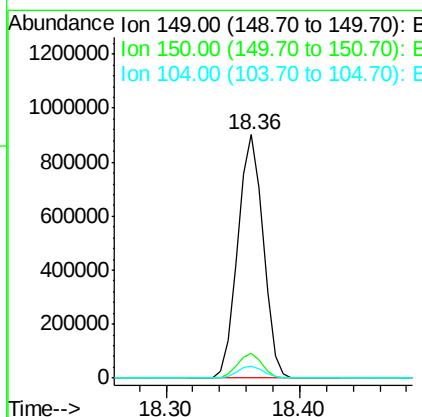
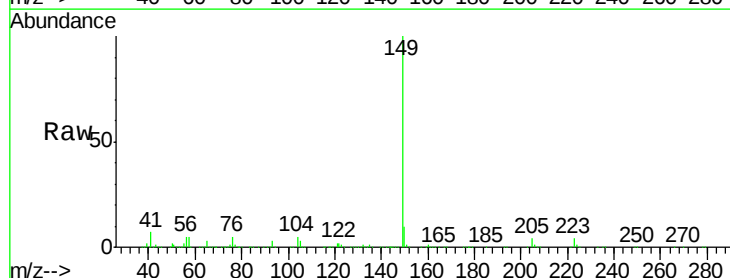
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.5	26.3
139	12.4	10.0	15.0

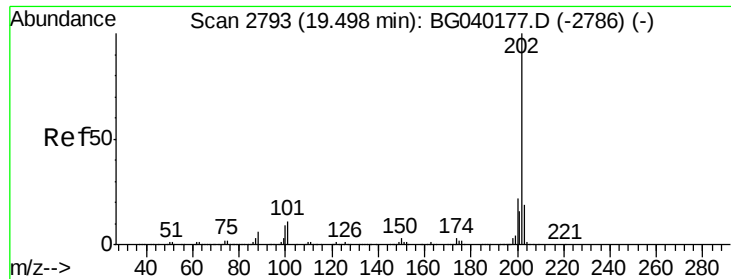


#74
 Di-n-butylphthalate
 Concen: 41.868 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:149 Resp: 1190621

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 43.379 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

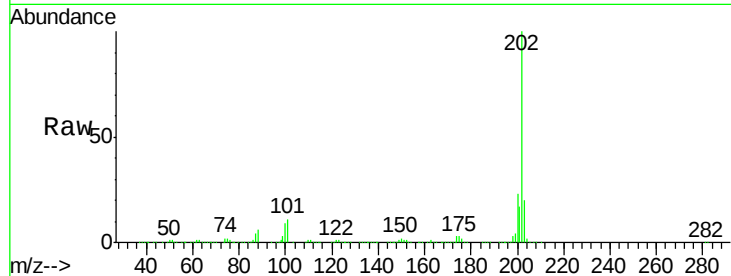
Tot Ion:202 Resp: 1300925

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

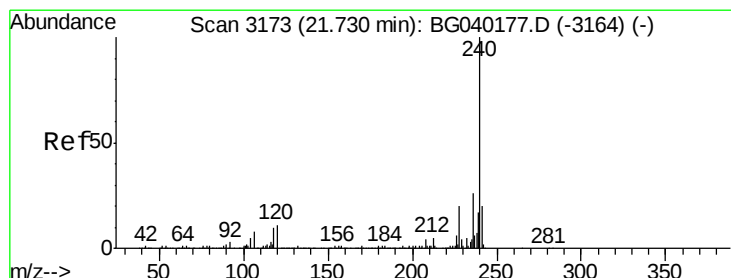
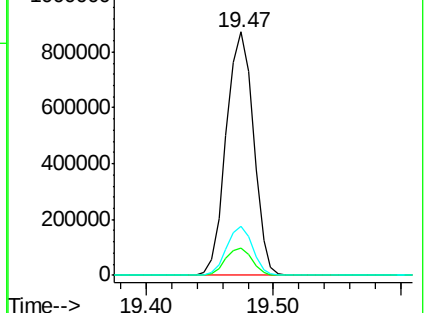
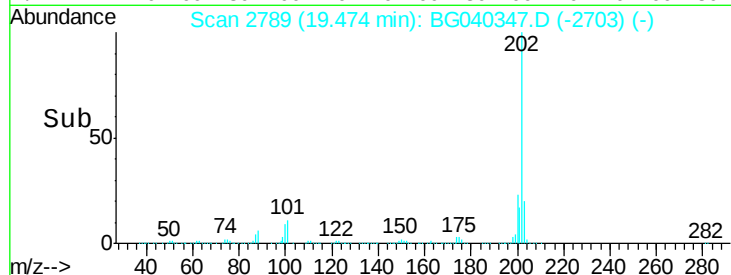
203 20.2 0.0 38.9



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: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

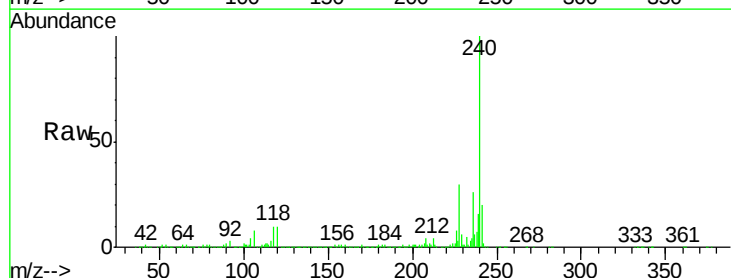
Tgt Ion:240 Resp: 517274

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

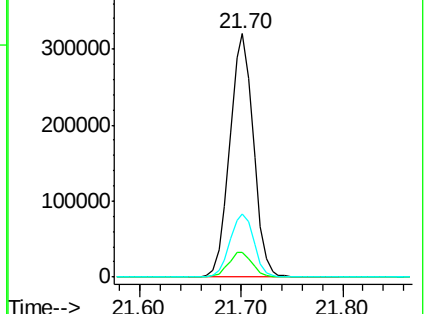
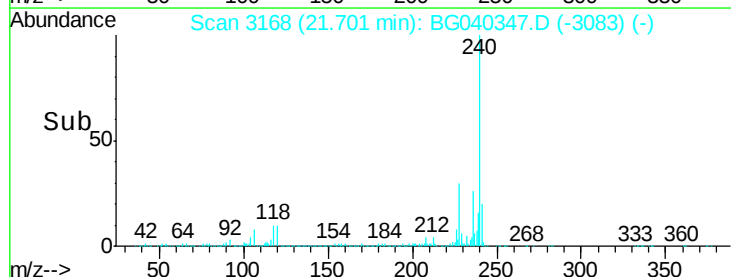
236 26.0 20.8 31.2

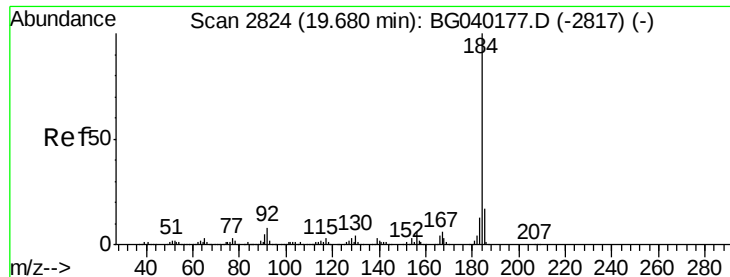


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.973 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

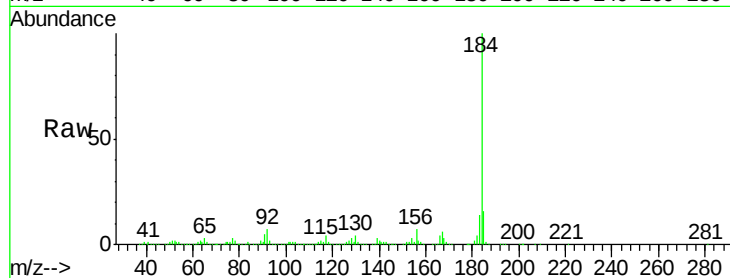
Tot Ion:184 Resp: 970825

Ion Ratio Lower Upper

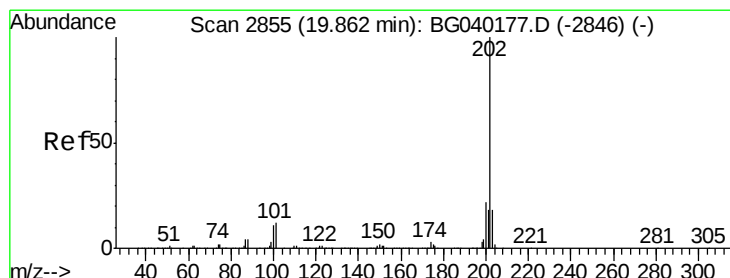
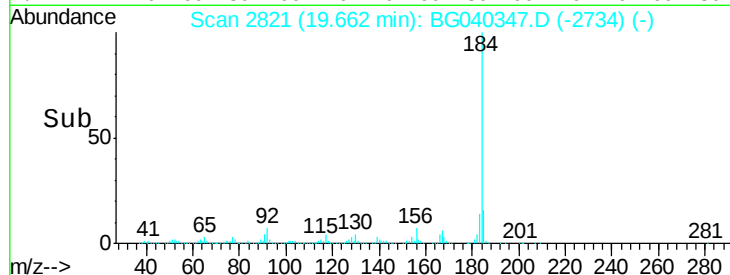
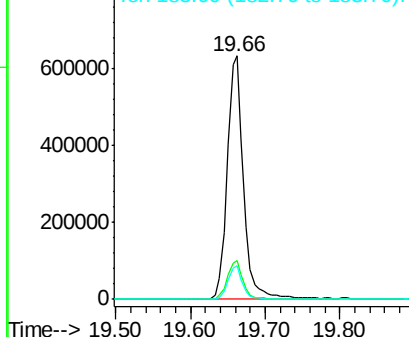
184 100

185 15.8 13.3 19.9

183 13.7 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: 38.666 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

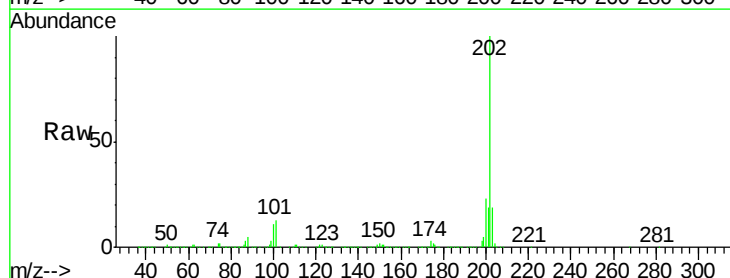
Tgt Ion:202 Resp: 1315290

Ion Ratio Lower Upper

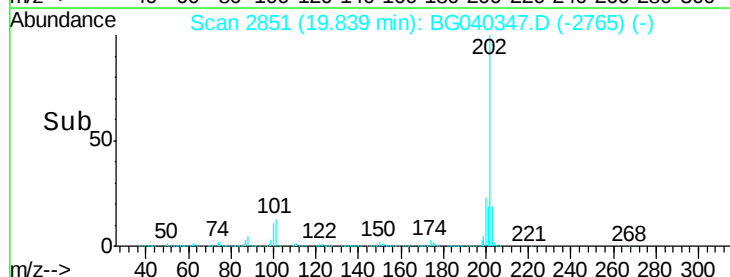
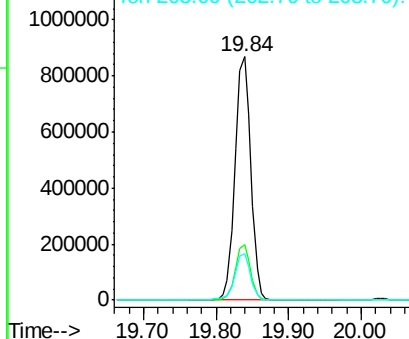
202 100

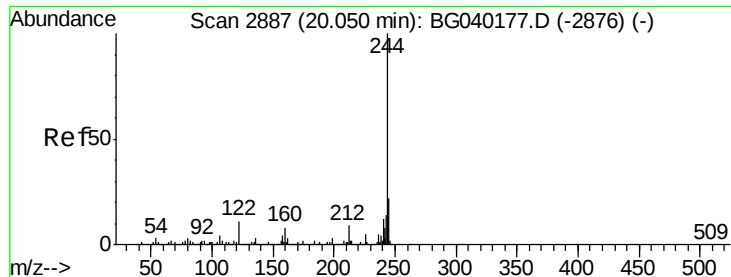
200 22.8 17.3 25.9

203 19.0 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: 76.882 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

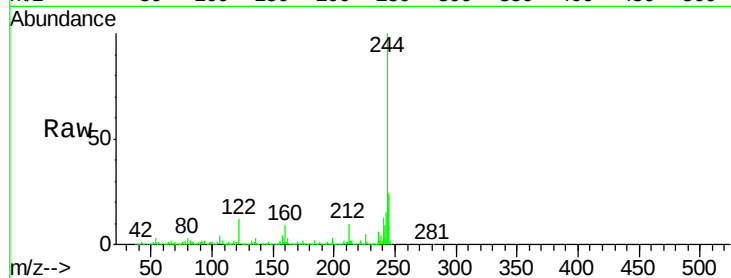
Tot Ion:244 Resp: 1767778

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

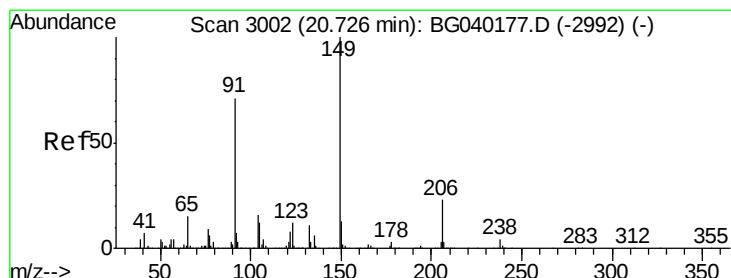
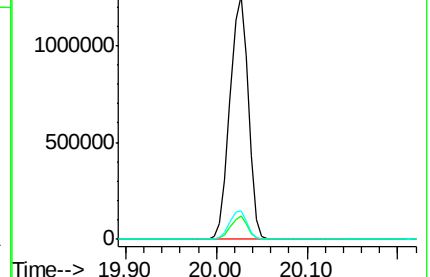
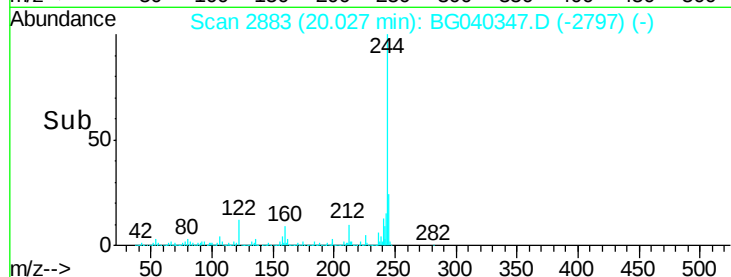
122 11.8 8.5 12.7



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: 41.641 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

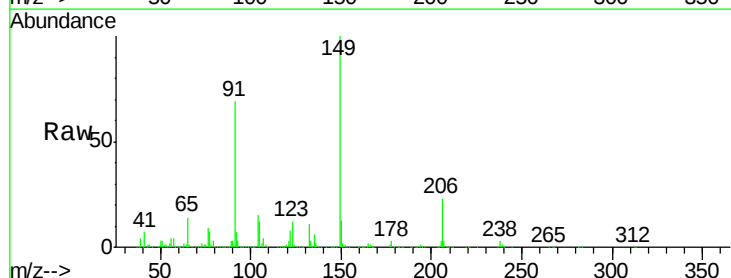
Tgt Ion:149 Resp: 606138

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

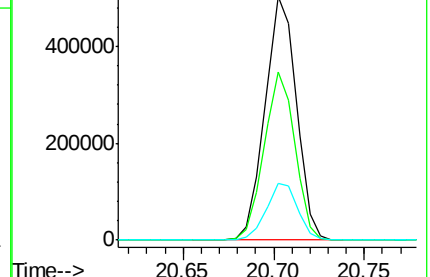
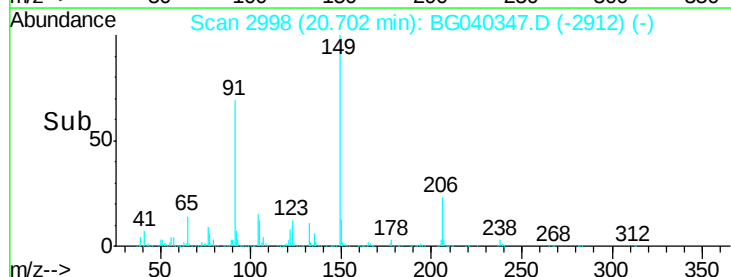
206 23.2 18.2 27.4

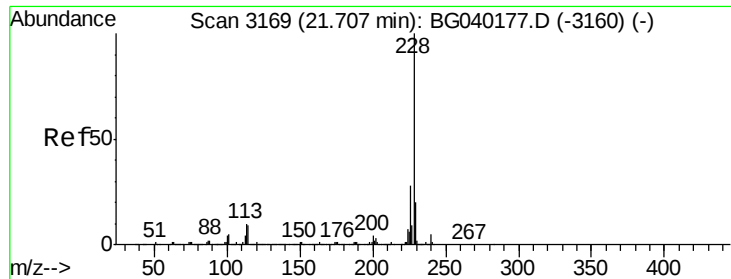


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.184 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

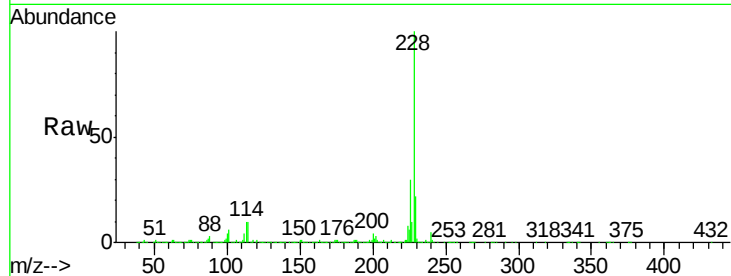
Tot Ion:228 Resp: 1312164

Ion Ratio Lower Upper

228 100

226 30.4 22.6 34.0

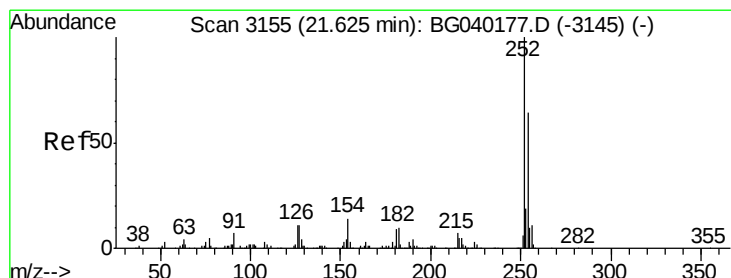
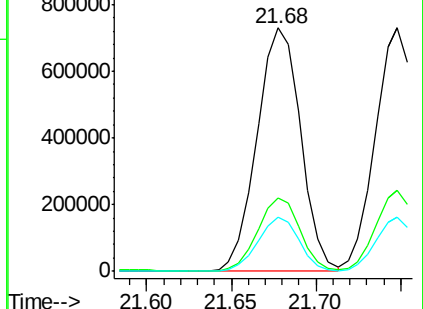
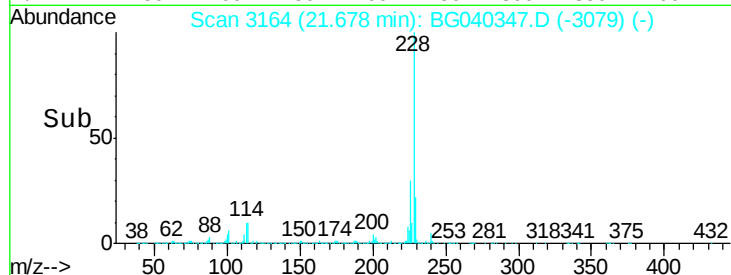
229 22.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.605 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

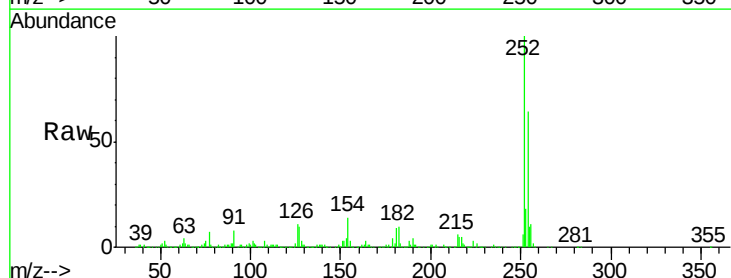
Tgt Ion:252 Resp: 528505

Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

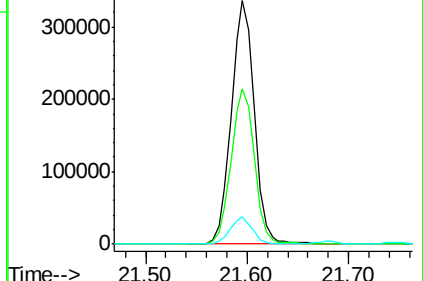
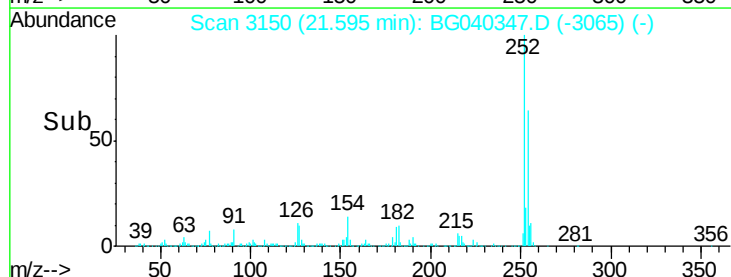
126 11.1 8.5 12.7

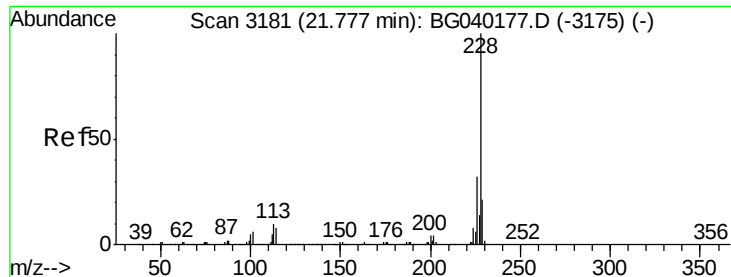


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.348 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

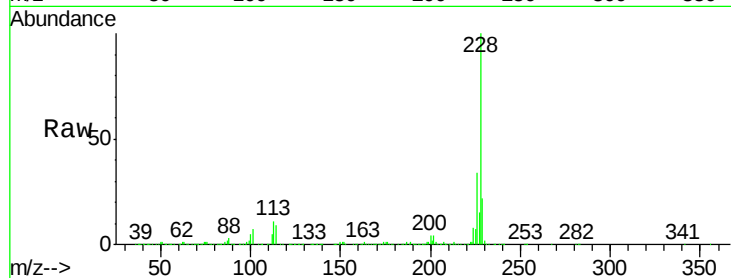
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1235477

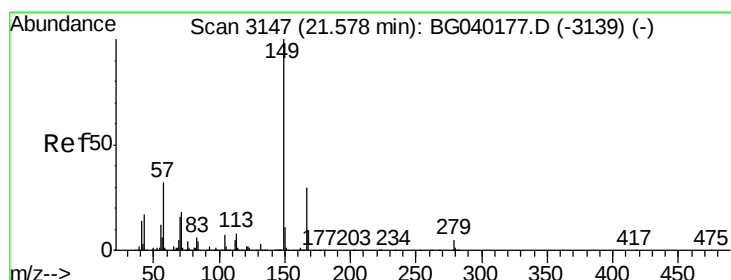
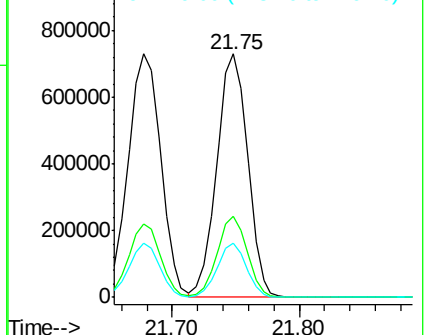
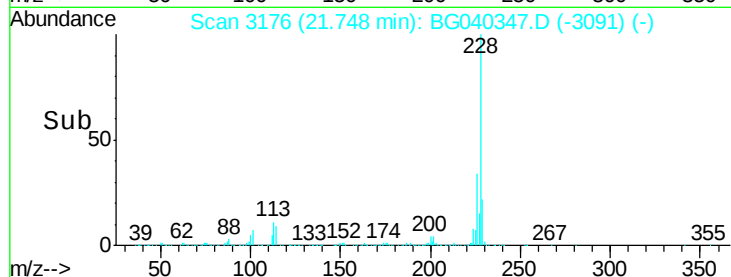
Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.4	38.0
229	22.0	17.0	25.4



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: 41.084 ng

RT: 21.55 min Scan# 3142

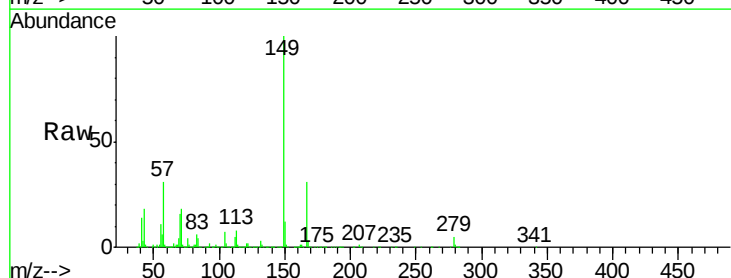
Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:149 Resp: 854862

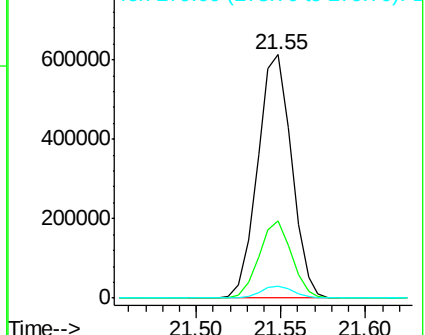
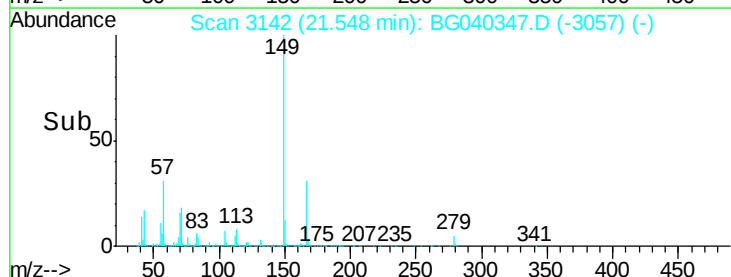
Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.1	36.1
279	5.0	4.1	6.1

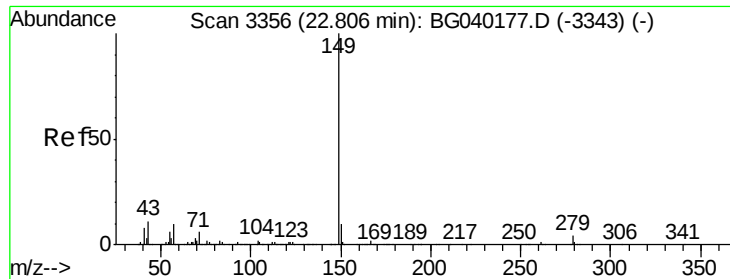


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.806 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

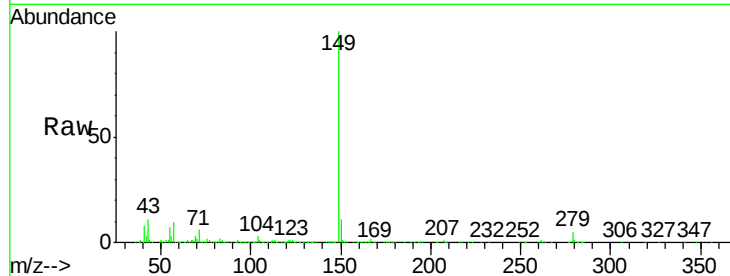
Tot Ion:149 Resp: 1482078

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

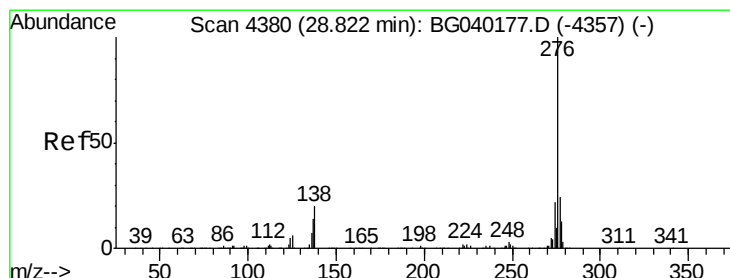
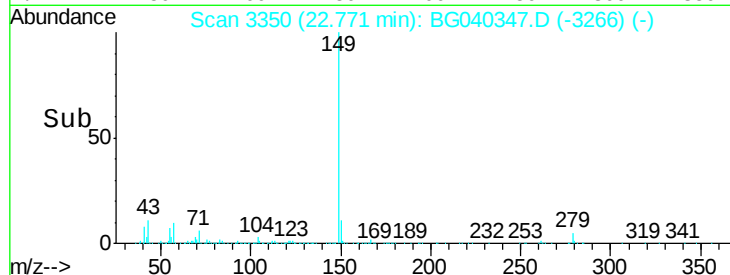
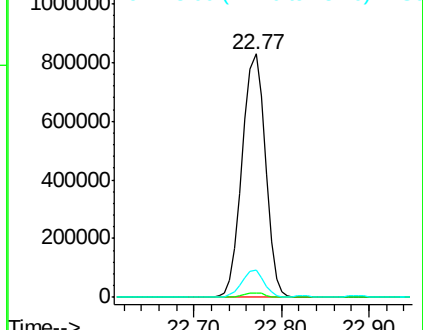
43 10.6 8.7 13.1



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: 42.637 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.08 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

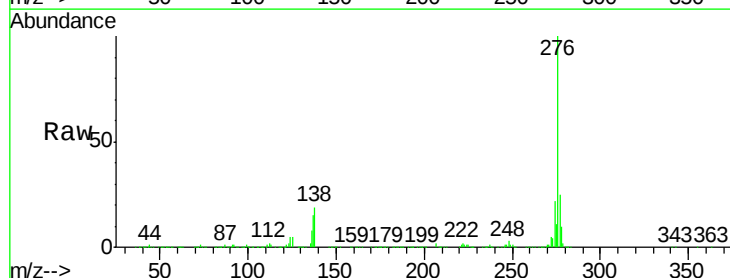
Tgt Ion:276 Resp: 1596796

Ion Ratio Lower Upper

276 100

138 17.0 18.8 28.2#

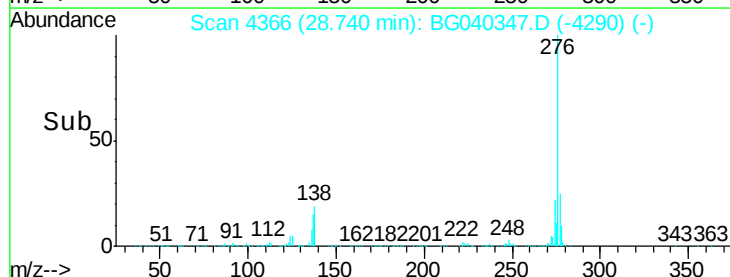
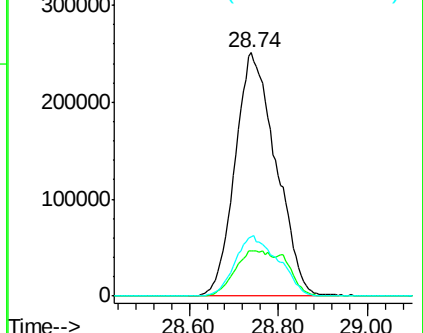
277 26.2 21.0 31.4

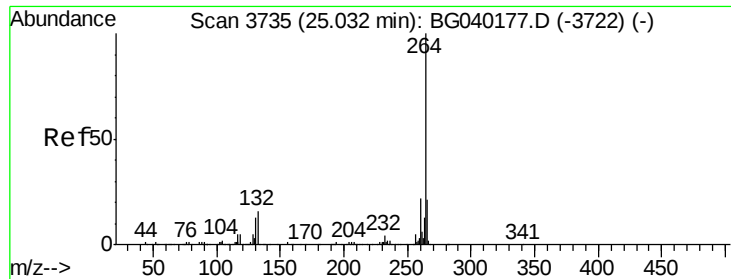


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

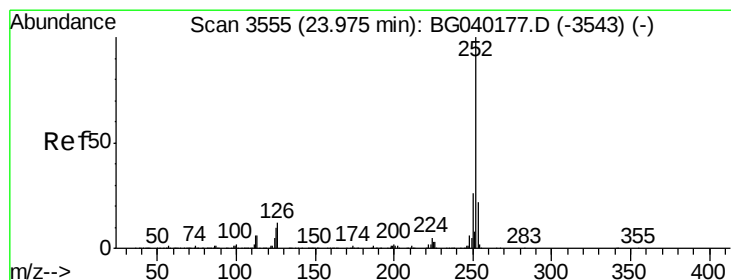
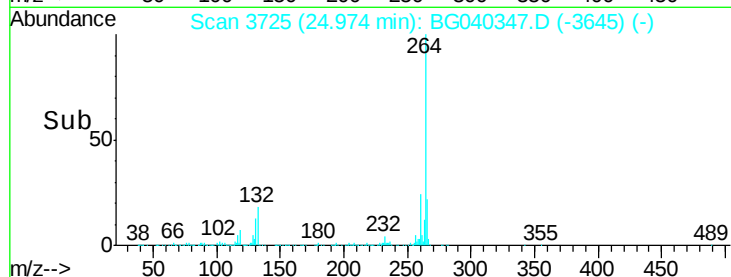
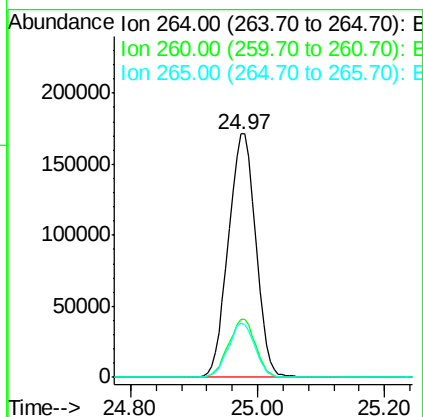
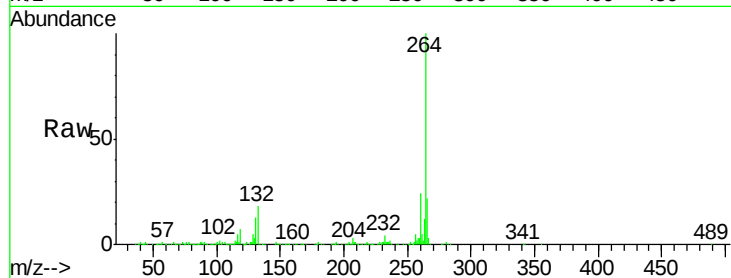




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

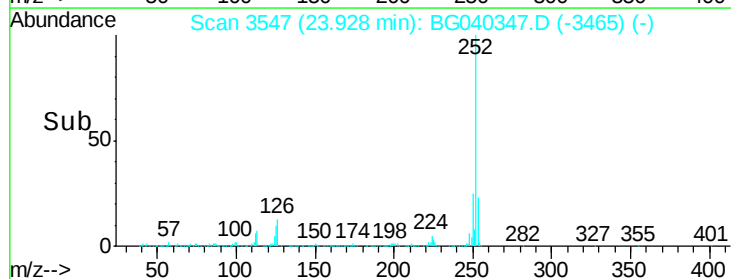
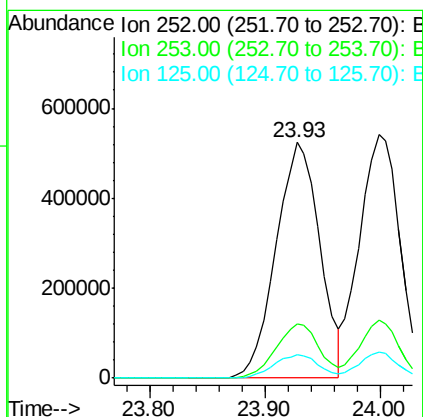
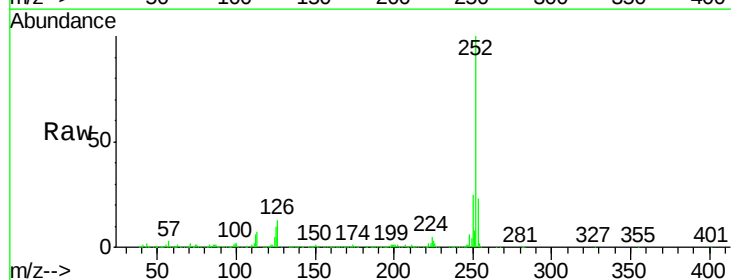
Instrument :
BNA_G
ClientSampled :

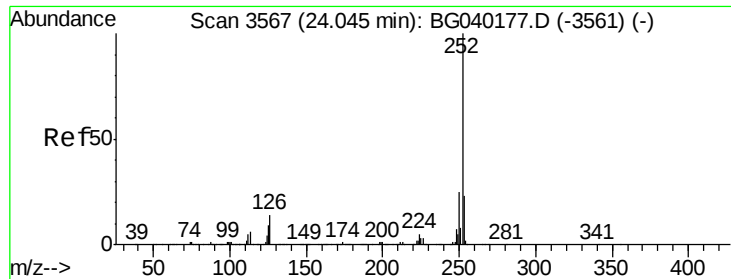
Tot Ion:264 Resp: 510083
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 22.4 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 44.089 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.05 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:252 Resp: 1376867
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.188 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

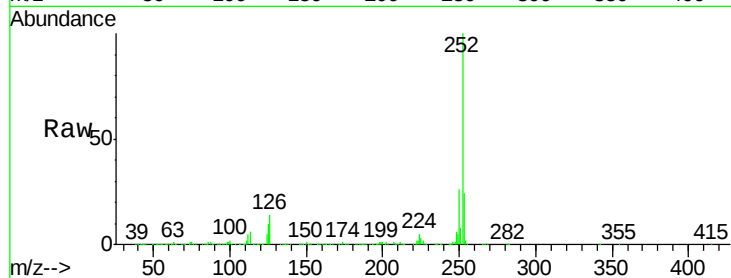
Tot Ion:252 Resp: 1326455

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

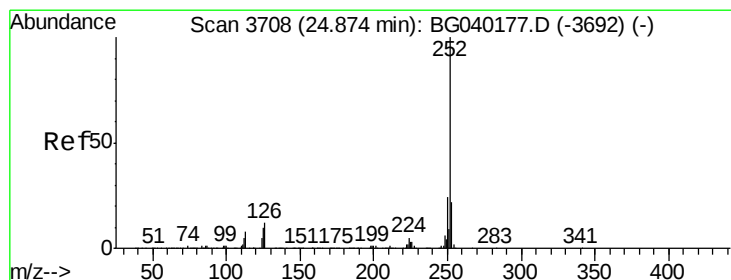
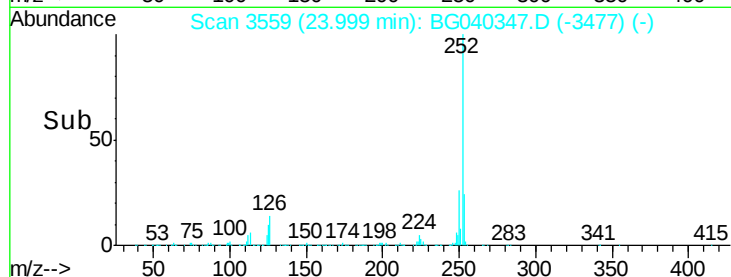
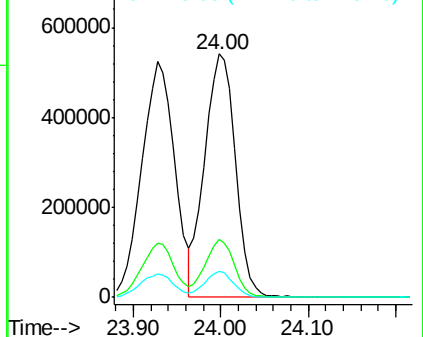
125 10.5 7.3 10.9



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: 46.423 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.05 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

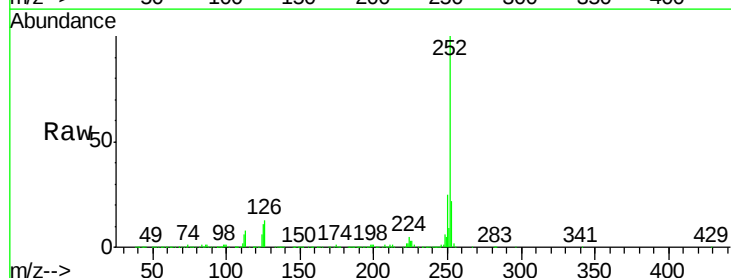
Tgt Ion:252 Resp: 1360243

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

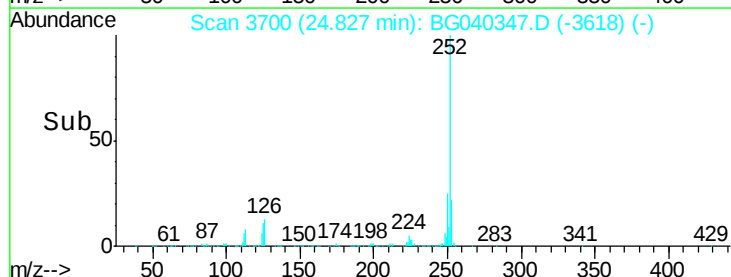
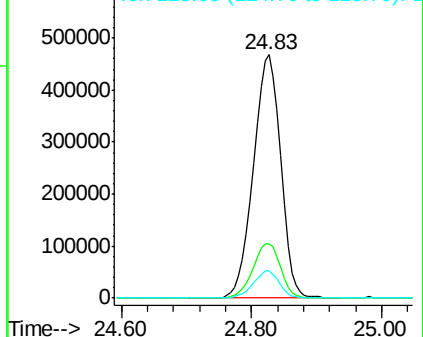
125 11.0 8.3 12.5

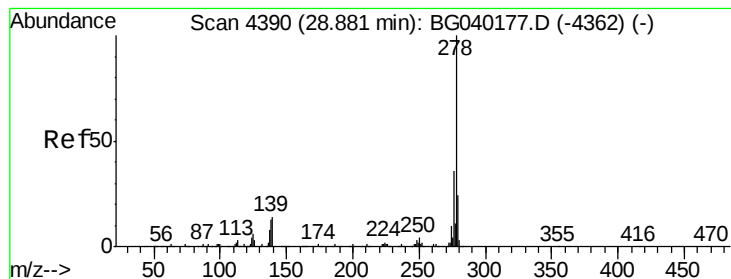


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.598 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.07 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

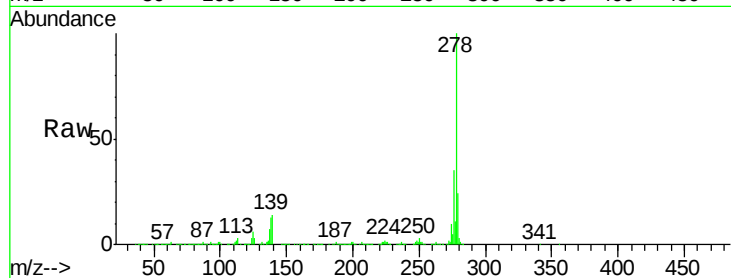
Tot Ion:278 Resp: 1295311

Ion Ratio Lower Upper

278 100

139 14.5 11.2 16.8

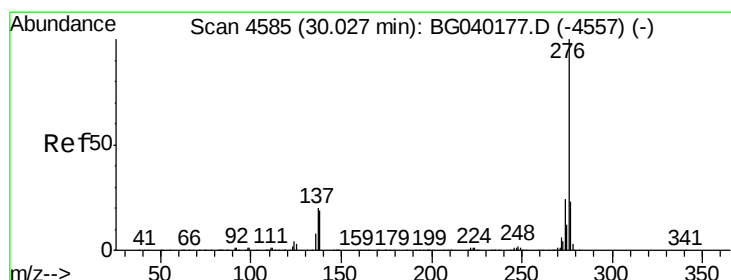
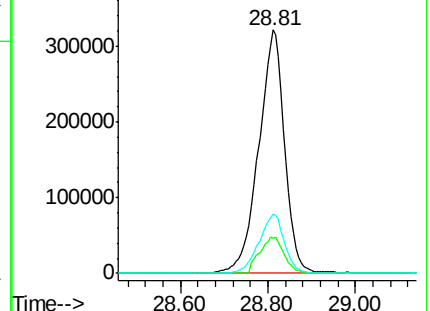
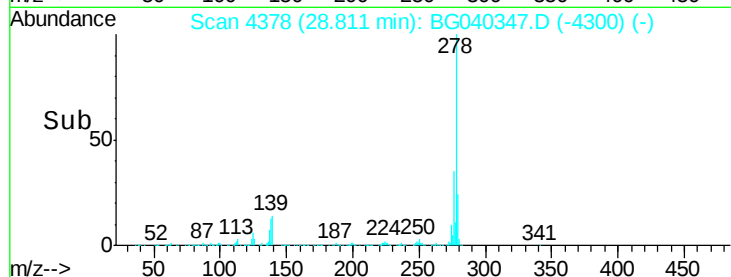
279 24.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.443 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

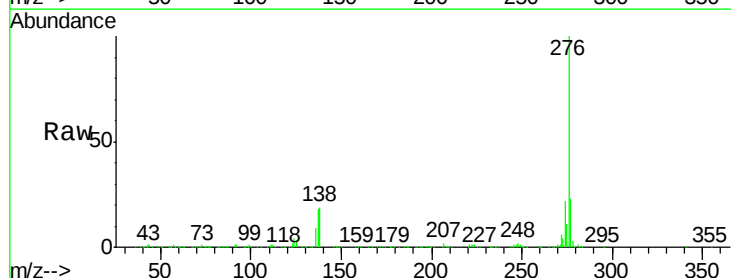
Tgt Ion:276 Resp: 1326860

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 19.4 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

