

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
 Data File : BG043311.D
 Acq On : 23 Oct 2019 16:45
 Operator : JU
 Sample : PB124212BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Quant Time: Oct 24 06:50:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29615	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	116467	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88363	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	223512	20.00	ng	0.00
76) Chrysene-d12	21.67	240	264870	20.00	ng	0.00
87) Perylene-d12	24.87	264	279473	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	203292	125.79	ng	0.00
7) Phenol-d6	7.20	99	280944	120.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	145745	64.51	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	202719	120.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	399578	62.49	ng	0.00
79) Terphenyl-d14	20.00	244	919092	65.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	26624	42.274	ng	# 95
3) Pyridine	3.89	79	60058	37.803	ng	98
4) n-Nitrosodimethylamine	3.80	42	37304	46.533	ng	# 97
6) Aniline	7.35	93	88474	33.030	ng	98
8) 2-Chlorophenol	7.60	128	83384	46.739	ng	93
9) Benzaldehyde	7.16	77	49238	43.088	ng	92
10) Phenol	7.23	94	100910	47.492	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	73374	44.665	ng	97
12) 1,3-Dichlorobenzene	7.91	146	90782	40.614	ng	99
13) 1,4-Dichlorobenzene	8.06	146	93442	41.318	ng	96
14) 1,2-Dichlorobenzene	8.38	146	89859	40.695	ng	95
15) Benzyl Alcohol	8.27	79	71349	43.691	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	98106	41.071	ng	98
17) 2-Methylphenol	8.48	107	70188	45.312	ng	96
18) Hexachloroethane	9.11	117	32676	40.047	ng	82
19) n-Nitroso-di-n-propylamine	8.83	70	61539	40.957	ng	97
20) 3+4-Methylphenols	8.48	107	70188	33.045	ng	80
22) Acetophenone	8.85	105	119331	40.009	ng	96
24) Nitrobenzene	9.23	77	93987	43.673	ng	97
25) Isophorone	9.75	82	177397	42.951	ng	99
26) 2-Nitrophenol	9.95	139	47965	46.166	ng	91
27) 2,4-Dimethylphenol	10.00	122	78076	52.431	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	94749	41.565	ng	92
29) 2,4-Dichlorophenol	10.49	162	88909	46.598	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	99306	41.296	ng	97
31) Naphthalene	10.88	128	258201	43.676	ng	98
32) Benzoic acid	10.15	122	32952	32.566	ng	89
33) 4-Chloroaniline	11.00	127	58463	24.125	ng	# 95
34) Hexachlorobutadiene	11.17	225	71654	40.308	ng	97
35) Caprolactam	11.76	113	13411	20.409	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	94398	45.357	ng	100
37) 2-Methylnaphthalene	12.48	142	201027	44.318	ng	94
38) 1-Methylnaphthalene	12.70	142	189223	43.843	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	127909	39.114	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	148985	86.728	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	86701	45.020	ng	92
44) 2,4,5-Trichlorophenol	13.17	196	91530	47.011	ng	98
46) 1,1'-Biphenyl	13.49	154	274755	40.873	ng	98
47) 2-Chloronaphthalene	13.53	162	212160	41.480	ng	98
48) 2-Nitroaniline	13.74	65	65409	42.788	ng	97
49) Acenaphthylene	14.38	152	352931	44.336	ng	100
50) Dimethylphthalate	14.11	163	297023	43.397	ng	100
51) 2,6-Dinitrotoluene	14.22	165	67445	45.359	ng	93
52) Acenaphthene	14.72	154	209861	43.231	ng	97
53) 3-Nitroaniline	14.56	138	44874	31.258	ng	90
54) 2,4-Dinitrophenol	14.76	184	79605	85.212	ng	91
55) Dibenzofuran	15.05	168	346437	44.007	ng	98
56) 4-Nitrophenol	14.88	139	103246	107.321	ng	90
57) 2,4-Dinitrotoluene	15.02	165	97376	45.825	ng	96
58) Fluorene	15.70	166	296538	44.912	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	97670	47.216	ng	# 99
60) Diethylphthalate	15.47	149	304153	44.227	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	169342	43.964	ng	98
62) 4-Nitroaniline	15.73	138	64723	43.655	ng	93
63) Azobenzene	15.99	77	251974	45.272	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	58282	44.308	ng	95
66) n-Nitrosodiphenylamine	15.90	169	268736	42.587	ng	95
67) 4-Bromophenyl-phenylether	16.59	248	120434	40.038	ng	98
68) Hexachlorobenzene	16.71	284	136512	39.537	ng	99
69) Atrazine	16.86	200	120382	54.901	ng	92
70) Pentachlorophenol	17.06	266	157495	100.105	ng	97
71) Phenanthrene	17.44	178	488132	42.648	ng	99
72) Anthracene	17.53	178	501700	43.811	ng	98
73) Carbazole	17.80	167	468166	45.146	ng	98
74) Di-n-butylphthalate	18.35	149	558043	44.350	ng	98
75) Fluoranthene	19.45	202	673614	45.144	ng	99
77) Benzidine	19.63	184	177118	33.227	ng	98
78) Pyrene	19.81	202	695977	42.450	ng	99
80) Butylbenzylphthalate	20.69	149	257422	41.443	ng	98
81) Benzo(a)anthracene	21.65	228	720865	43.448	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	232891	36.292	ng	97
83) Chrysene	21.71	228	700391	42.487	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	377575	42.792	ng	98
85) Di-n-octyl phthalate	22.75	149	651368	43.513	ng	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	889071	42.966	ng	99
88) Benzo(b)fluoranthene	23.85	252	766215	48.407	ng	97
89) Benzo(k)fluoranthene	23.92	252	763030	47.885	ng	99
90) Benzo(a)pyrene	24.72	252	700653	46.355	ng	98
91) Dibenzo(a,h)anthracene	28.57	278	759777	49.143	ng	98
92) Benzo(g,h,i)perylene	29.65	276	758199	49.717	ng	98

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

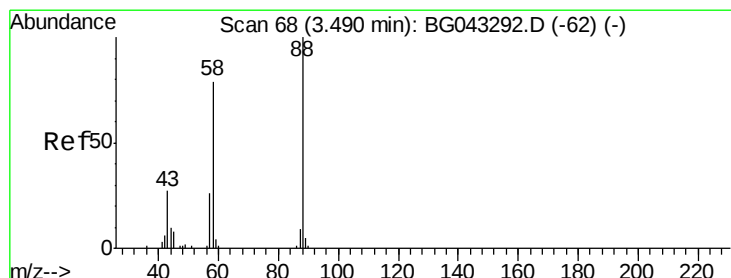
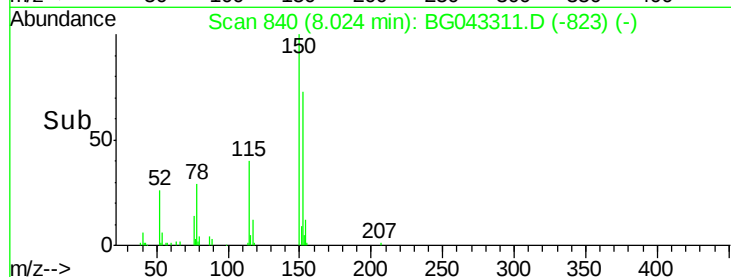
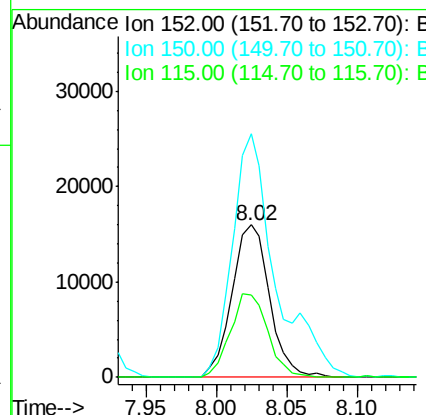
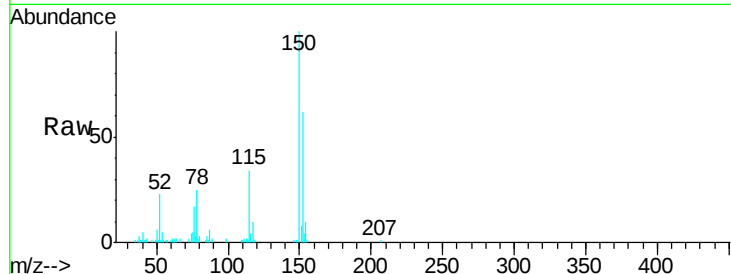


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

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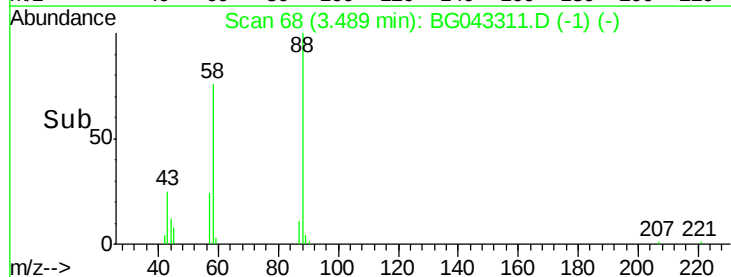
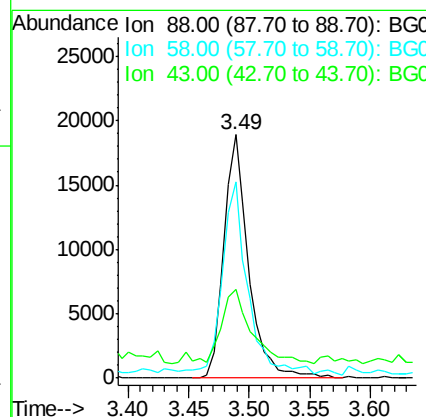
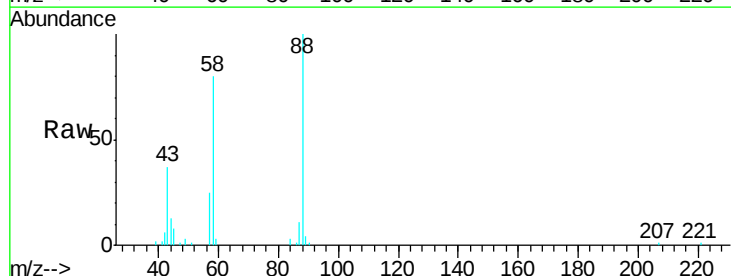
Tgt Ion:152 Resp: 29615
Ion Ratio Lower Upper
152 100
150 160.0 113.6 170.4
115 54.1 45.9 68.9



#2

1,4-Dioxane
Concen: 42.274 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion: 88 Resp: 26624
Ion Ratio Lower Upper
88 100
58 76.3 60.2 90.2
43 37.2 22.7 34.1#





#3

Pyridine

Concen: 37.803 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

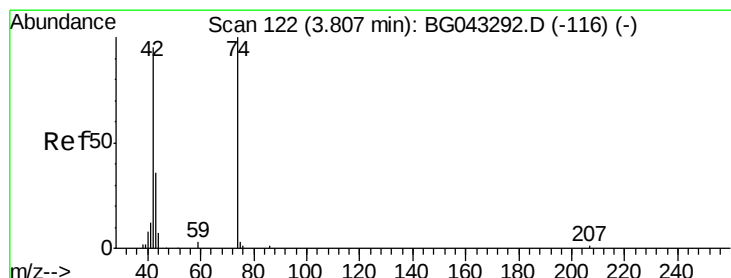
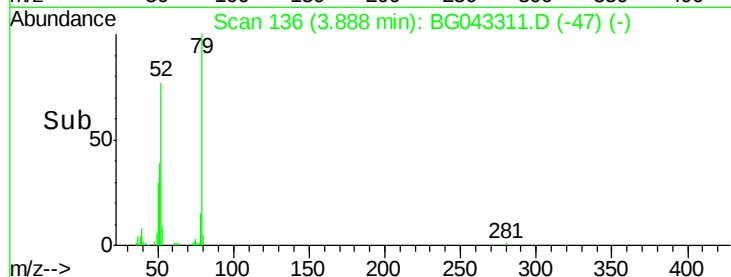
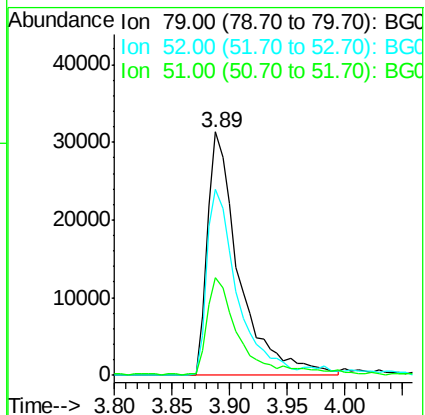
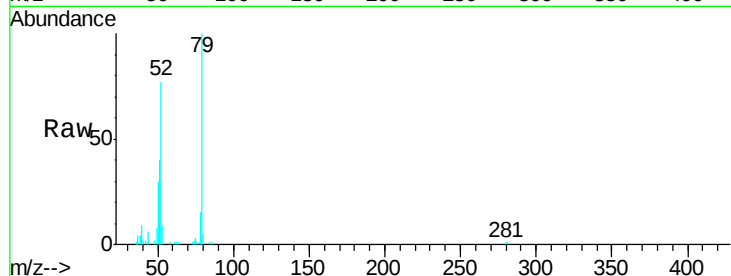
Tgt Ion: 79 Resp: 60058

Ion Ratio Lower Upper

79 100

52 76.6 59.7 89.5

51 40.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 46.533 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

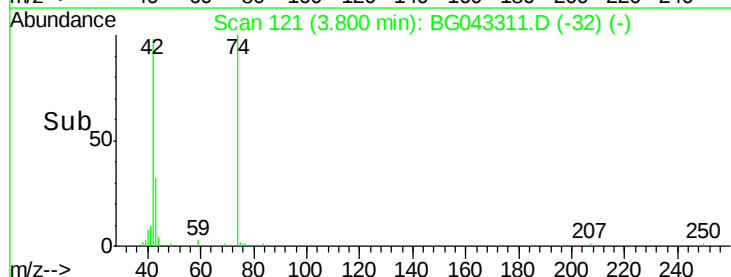
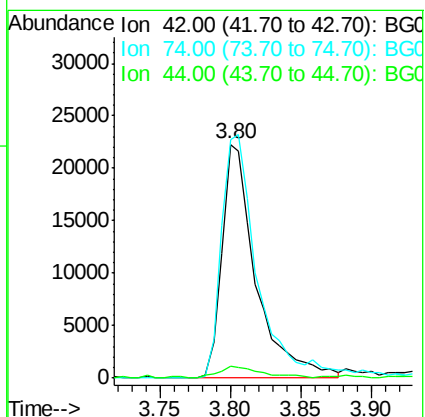
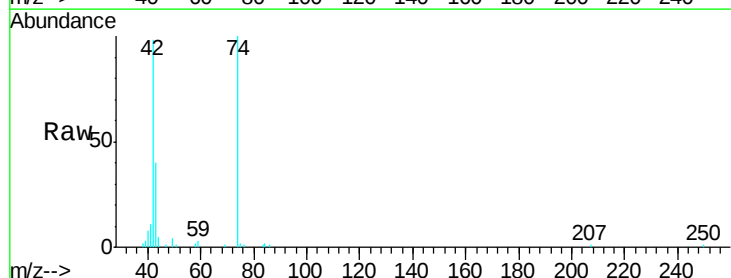
Tgt Ion: 42 Resp: 37304

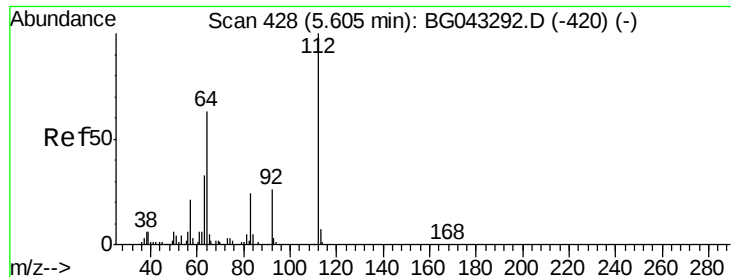
Ion Ratio Lower Upper

42 100

74 102.1 84.2 126.2

44 5.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 125.788 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

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ClientSampleId :

PB124212BS

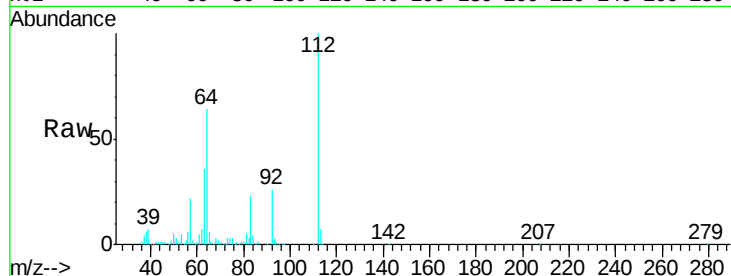
Tgt Ion: 112 Resp: 203292

Ion Ratio Lower Upper

112 100

64 63.6 50.2 75.2

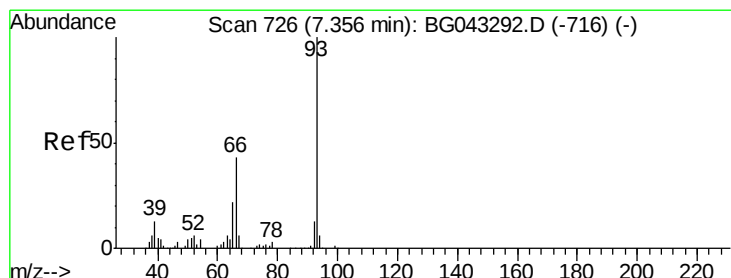
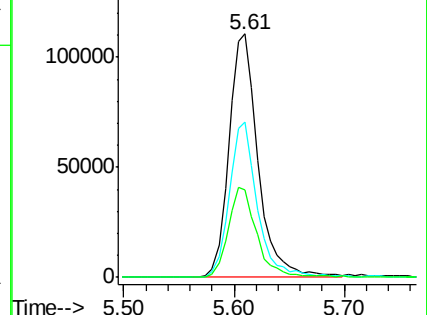
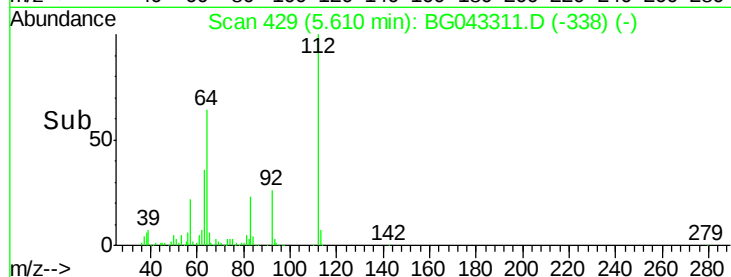
63 35.9 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.030 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

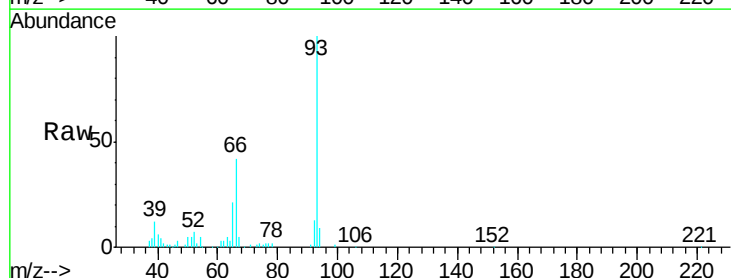
Tgt Ion: 93 Resp: 88474

Ion Ratio Lower Upper

93 100

66 42.3 34.5 51.7

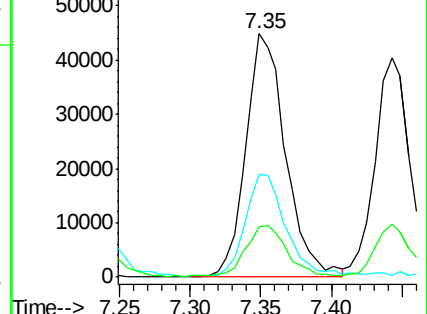
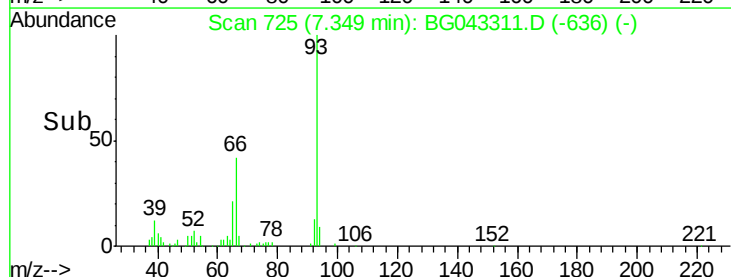
65 20.8 18.0 27.0

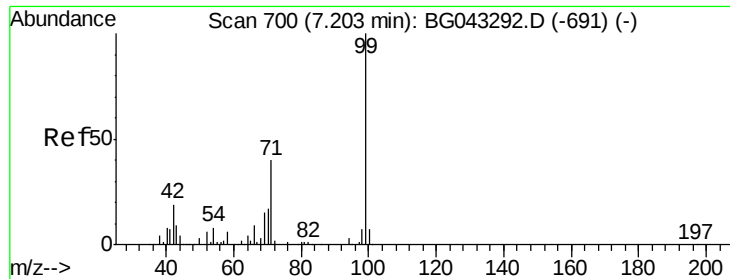


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.823 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

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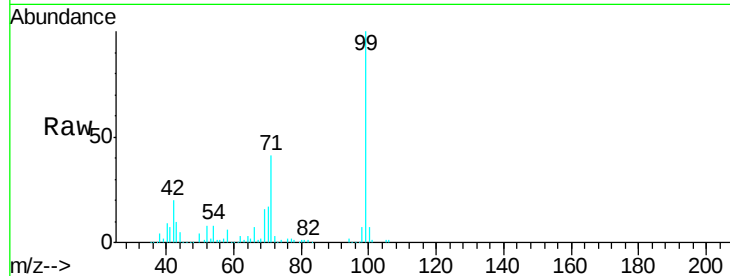
Tgt Ion: 99 Resp: 280944

Ion Ratio Lower Upper

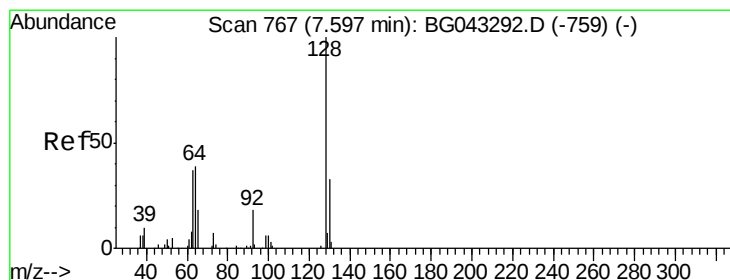
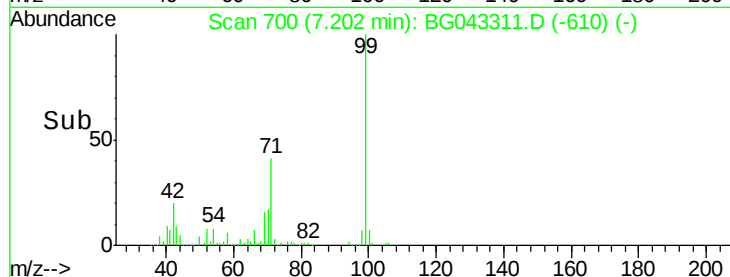
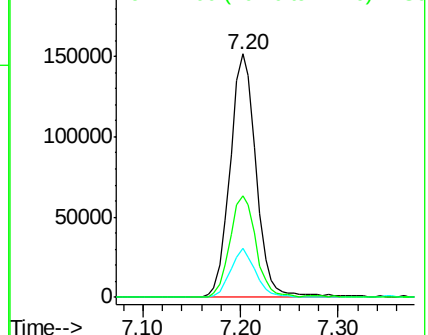
99 100

42 20.0 14.9 22.3

71 41.4 32.2 48.2



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: 46.739 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

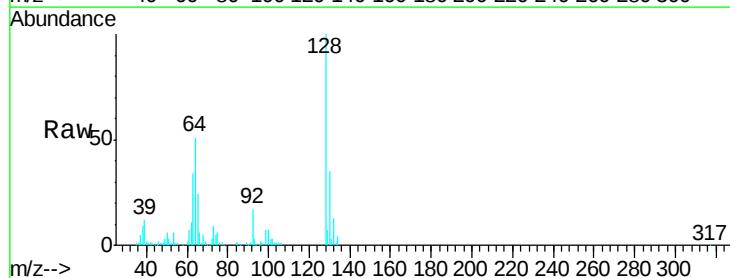
Tgt Ion: 128 Resp: 83384

Ion Ratio Lower Upper

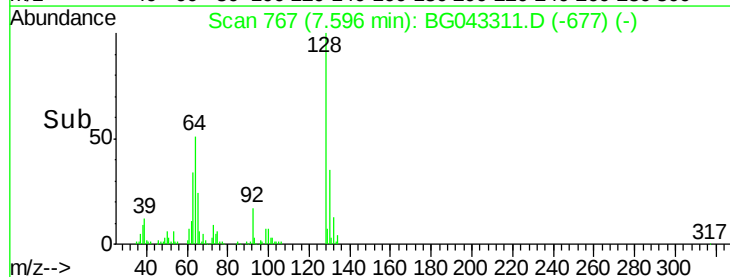
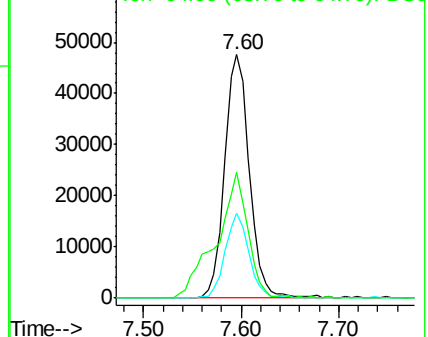
128 100

130 34.9 12.9 52.9

64 51.5 24.9 64.9



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: 43.088 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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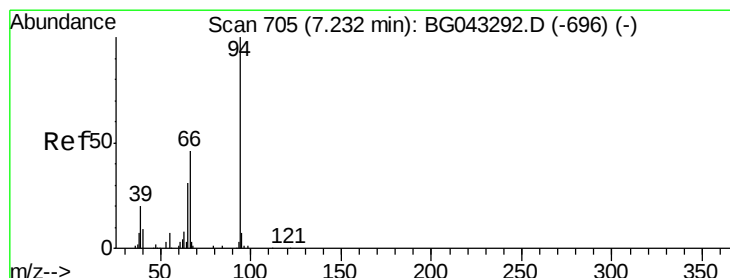
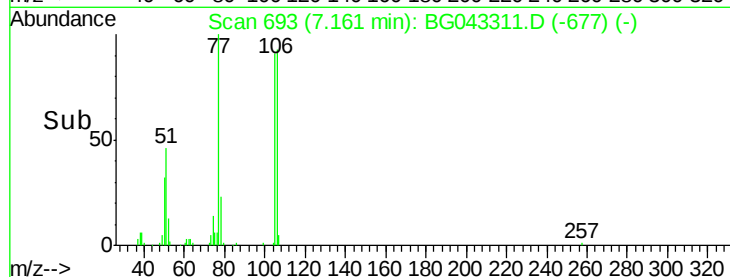
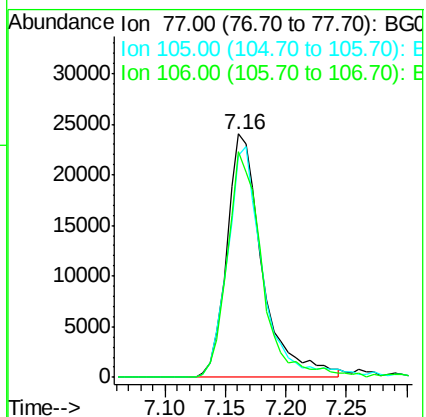
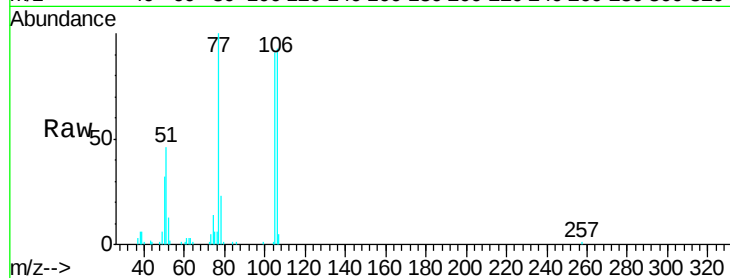
Tgt Ion: 77 Resp: 49238

Ion Ratio Lower Upper

77 100

105 90.9 68.7 108.7

106 92.5 60.5 100.5



#10

Phenol

Concen: 47.492 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

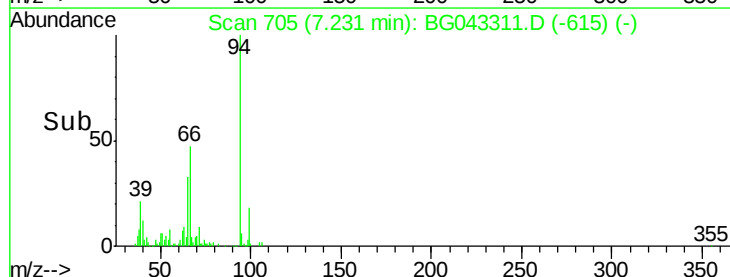
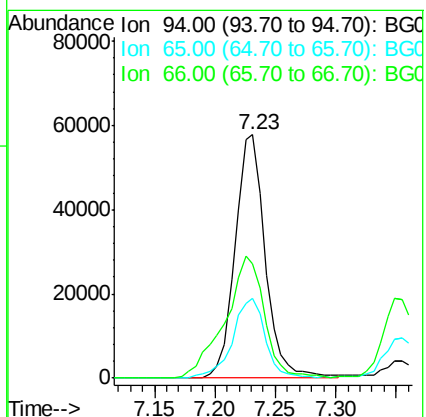
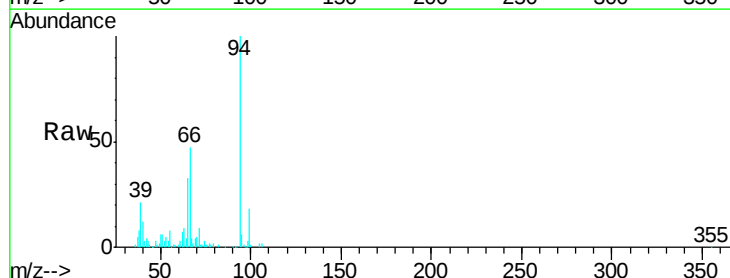
Tgt Ion: 94 Resp: 100910

Ion Ratio Lower Upper

94 100

65 32.7 11.1 51.1

66 47.2 27.8 67.8

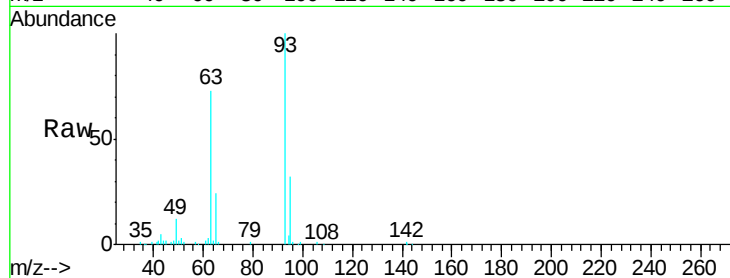




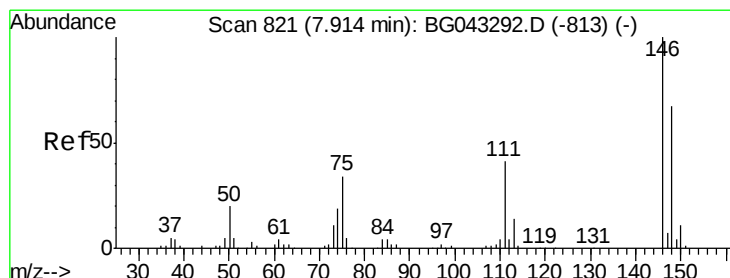
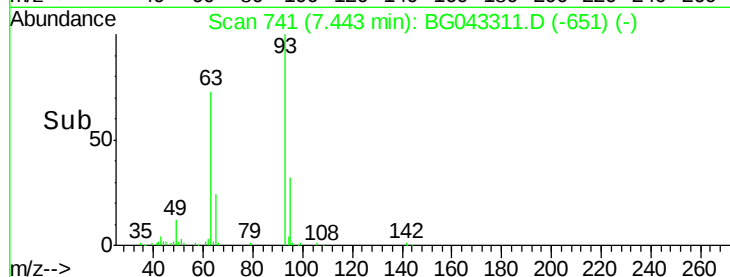
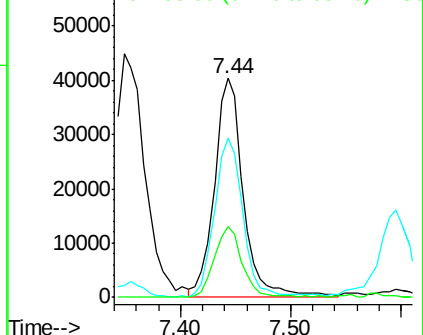
#11
 bis(2-Chloroethyl)ether
 Concen: 44.665 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tgt Ion: 93 Resp: 73374
 Ion Ratio Lower Upper
 93 100
 63 72.8 54.6 94.6
 95 32.2 9.7 49.7

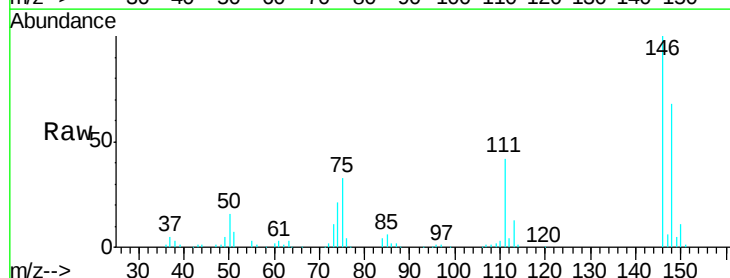


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

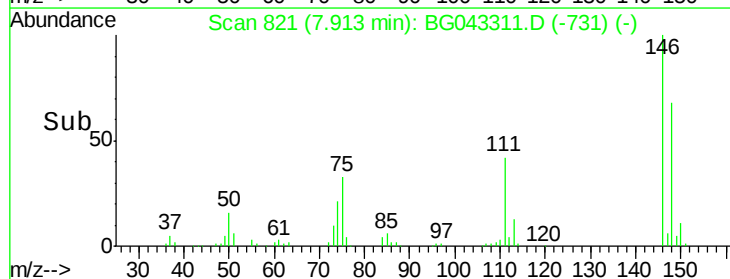
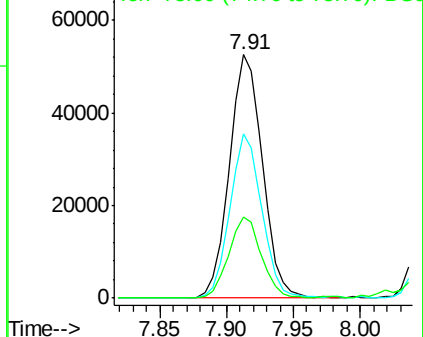


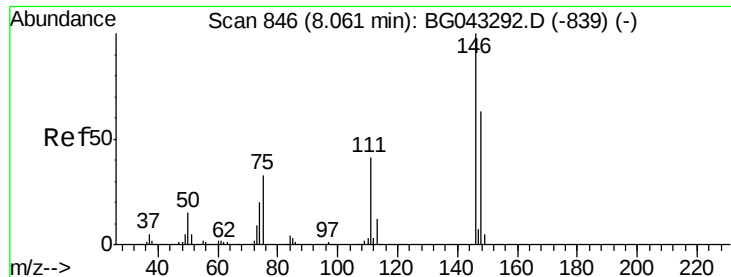
#12
 1,3-Dichlorobenzene
 Concen: 40.614 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion: 146 Resp: 90782
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.4 80.2
 75 33.2 27.0 40.4



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: 41.318 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

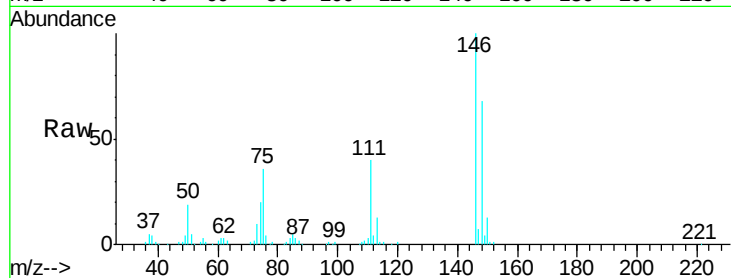
Tgt Ion:146 Resp: 93442

Ion Ratio Lower Upper

146 100

148 67.8 50.7 76.1

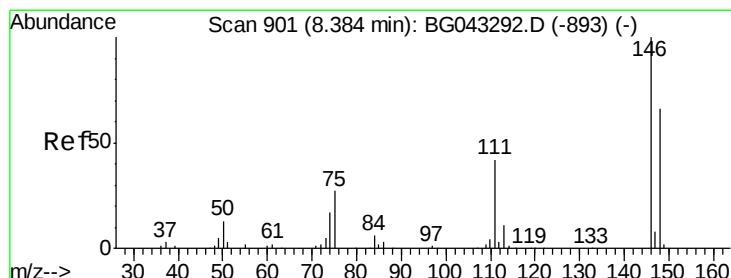
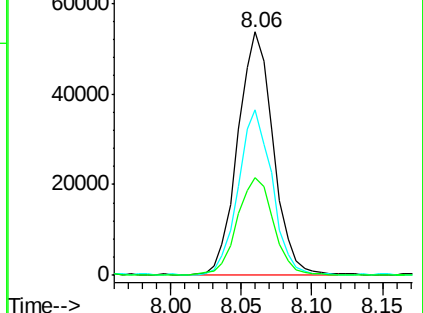
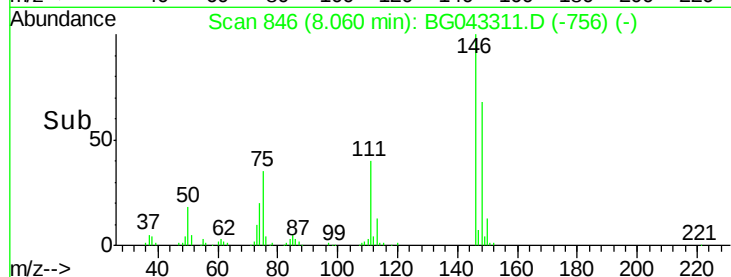
111 39.9 33.0 49.6



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: 40.695 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

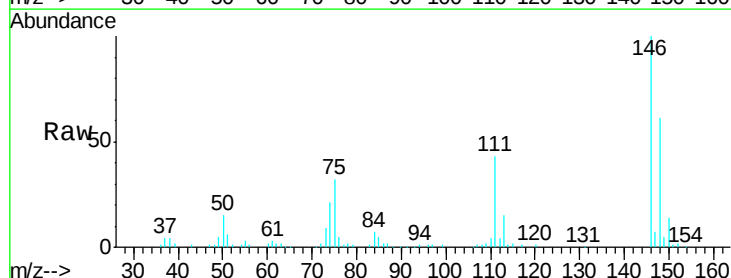
Tgt Ion:146 Resp: 89859

Ion Ratio Lower Upper

146 100

148 60.6 53.0 79.4

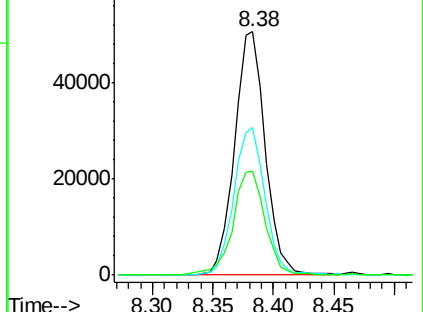
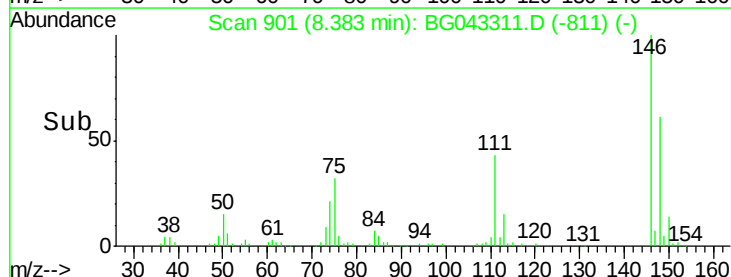
111 42.7 34.5 51.7

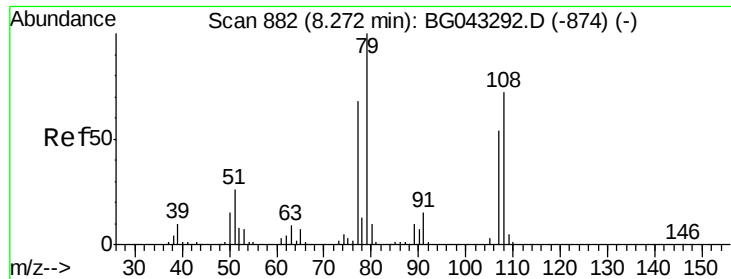


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.691 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

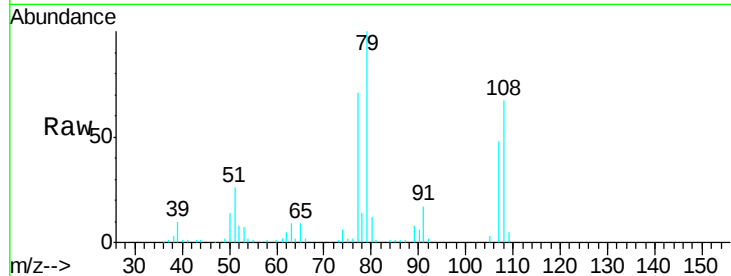
Tgt Ion: 79 Resp: 71349

Ion Ratio Lower Upper

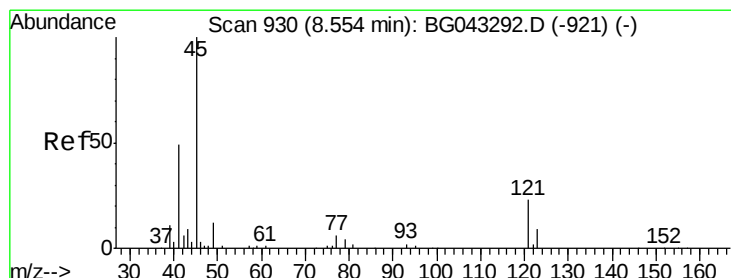
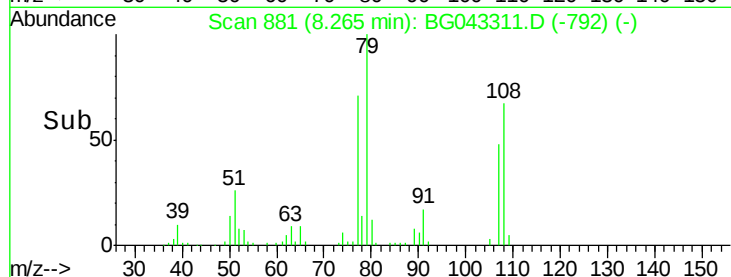
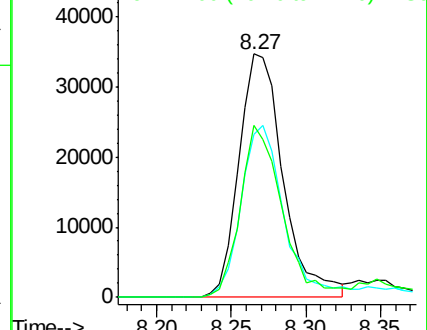
79 100

108 67.1 57.3 85.9

77 70.7 54.6 81.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.071 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

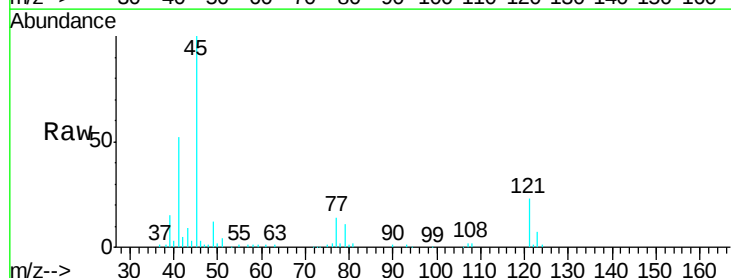
Tgt Ion: 45 Resp: 98106

Ion Ratio Lower Upper

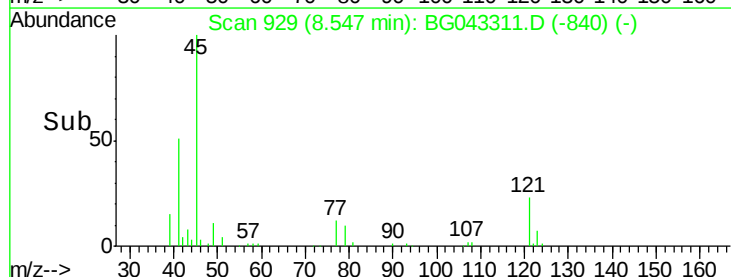
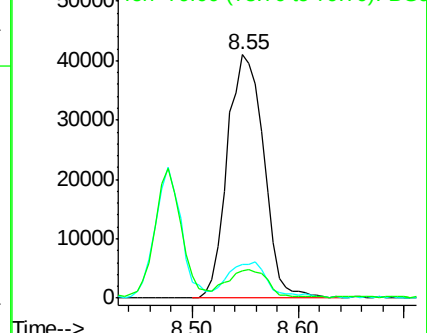
45 100

77 13.8 0.0 34.2

79 11.5 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.312 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

Tgt Ion:107 Resp: 70188

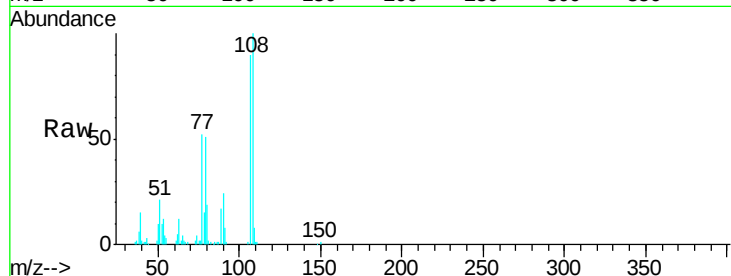
Ion Ratio Lower Upper

107 100

108 111.1 91.3 136.9

77 57.8 43.0 64.6

79 56.9 43.4 65.2

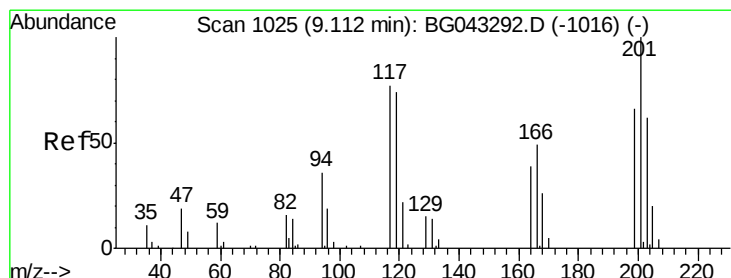
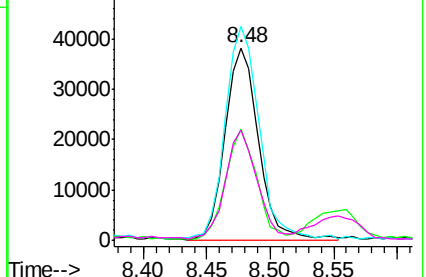
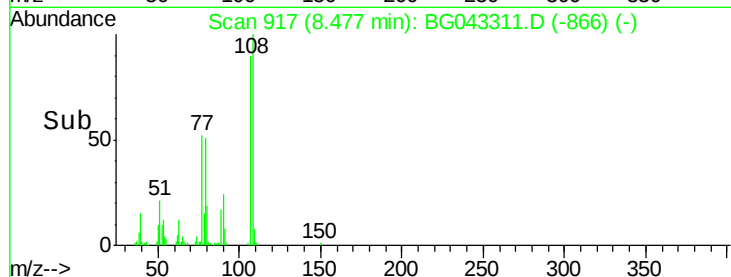


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.047 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

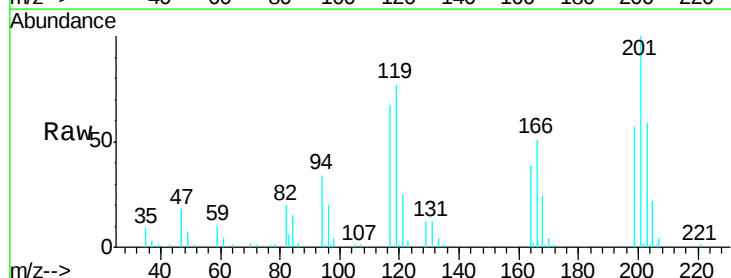
Tgt Ion:117 Resp: 32676

Ion Ratio Lower Upper

117 100

119 115.3 77.3 115.9

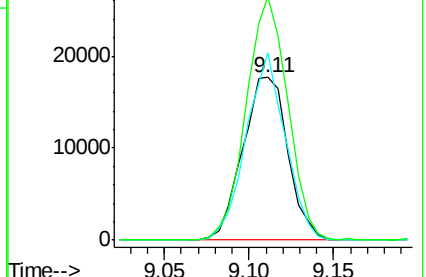
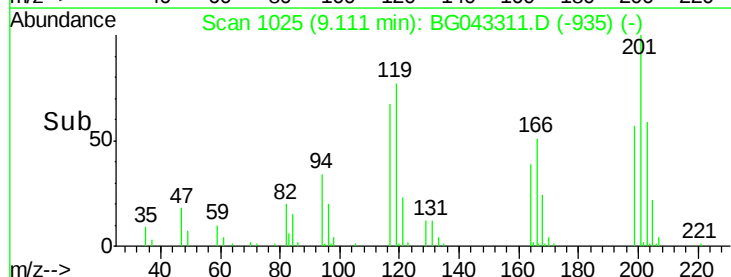
201 149.8 104.2 156.4

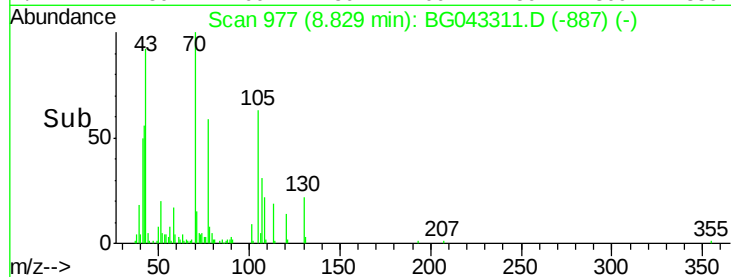
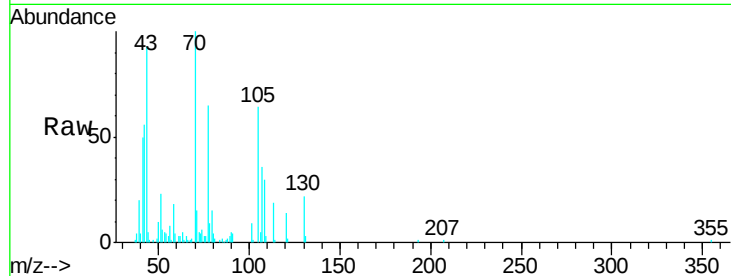
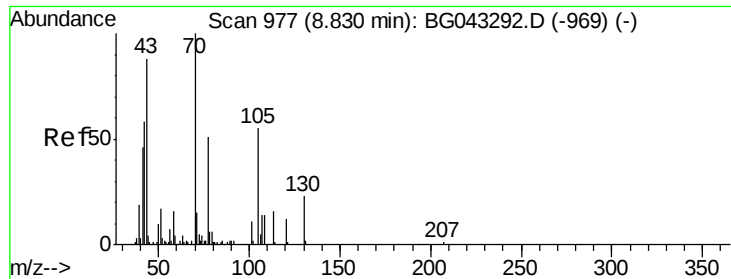


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

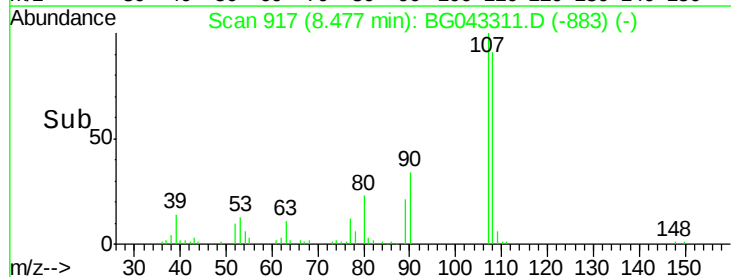
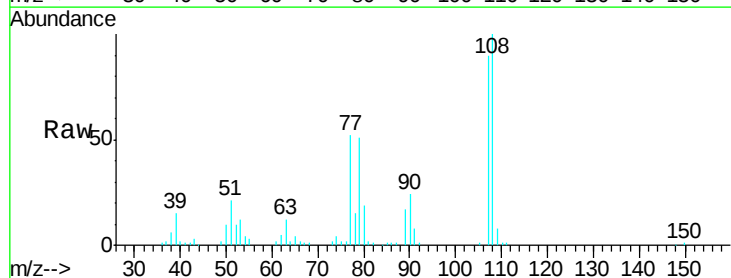
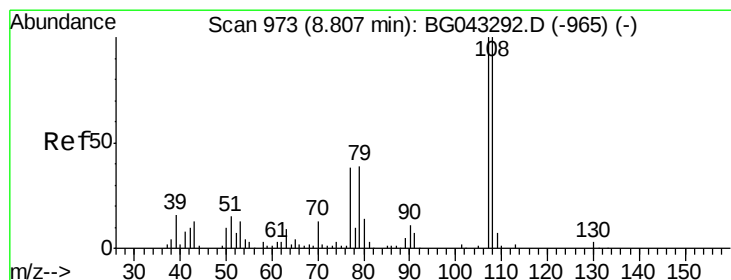
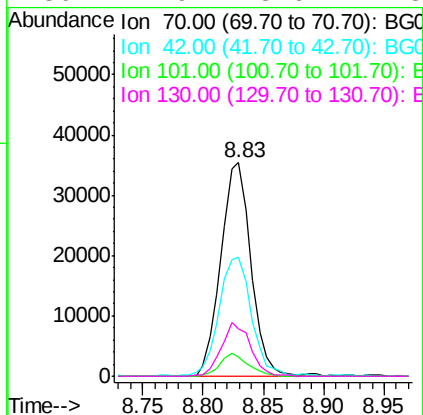




#19
n-Nitroso-di-n-propylamine
Concen: 40.957 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

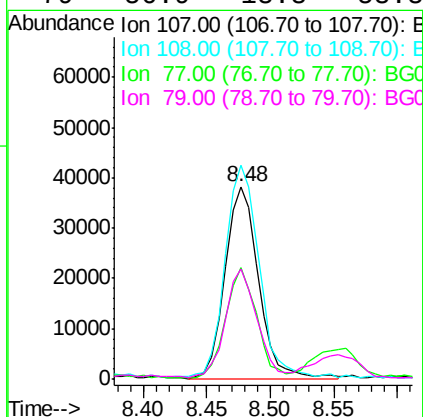
Instrument :
BNA_G
ClientSampleId :
PB124212BS

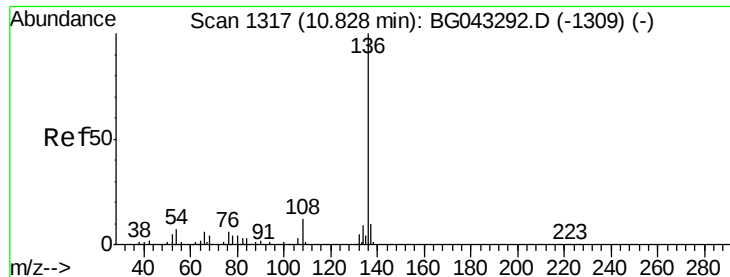
Tgt Ion:	70	Resp:	61539
Ion	Ratio	Lower	Upper
70	100		
42	56.0	46.2	69.2
101	9.0	8.6	13.0
130	21.9	18.6	27.8



#20
3+4-Methylphenols
Concen: 33.045 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.33 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:	107	Resp:	70188
Ion	Ratio	Lower	Upper
107	100		
108	111.1	80.3	120.3
77	57.8	18.2	58.2
79	56.9	18.8	58.8

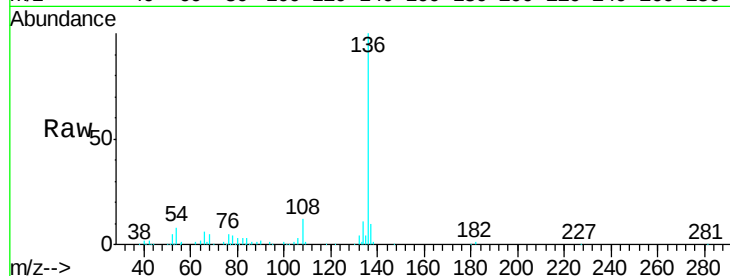




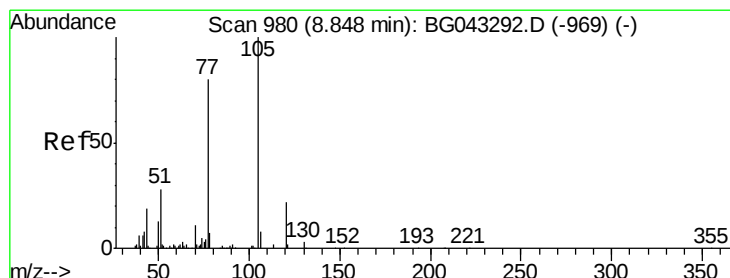
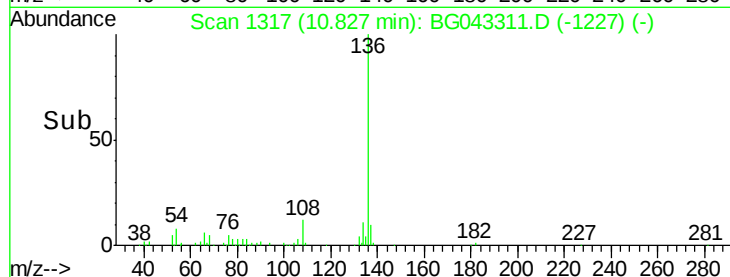
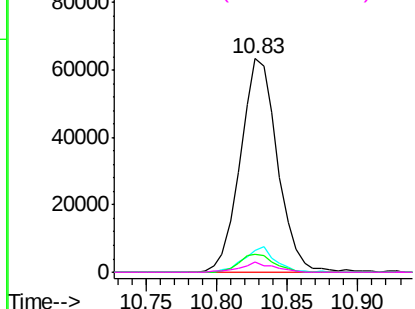
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion:	136	Resp:	116467
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	8.3	5.4	8.2#
68	4.8	3.3	4.9

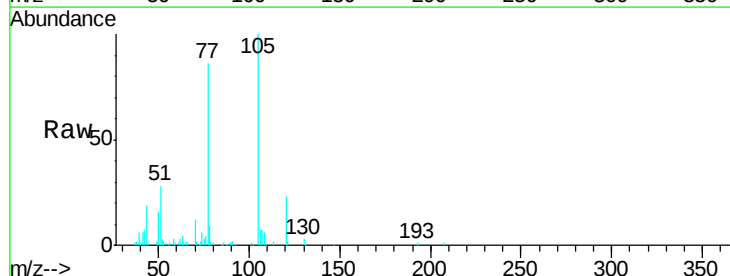


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

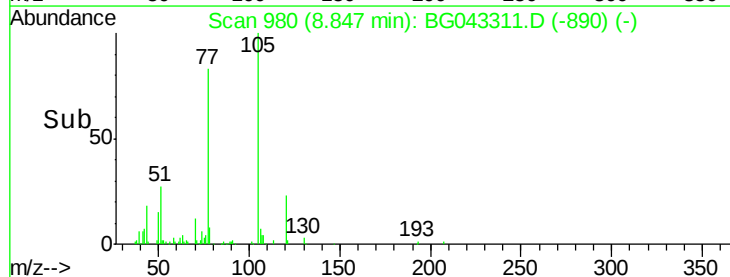
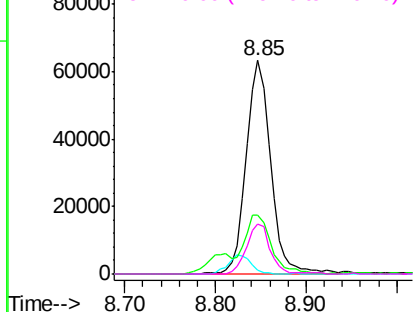


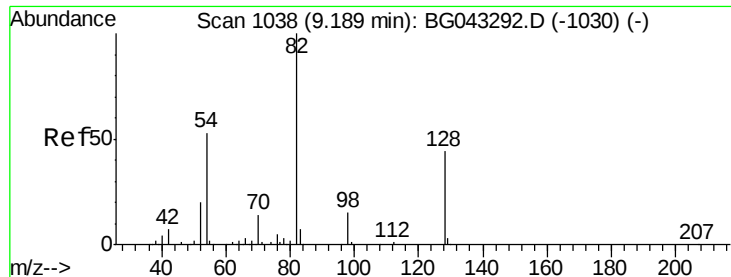
#22
Acetophenone
Concen: 40.009 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:	105	Resp:	119331
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.5	2.3
51	27.8	23.9	35.9
120	23.5	17.3	25.9



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

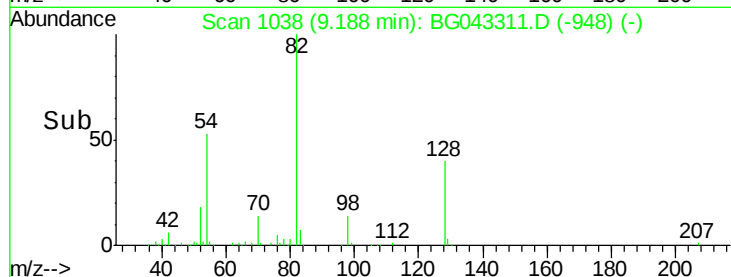
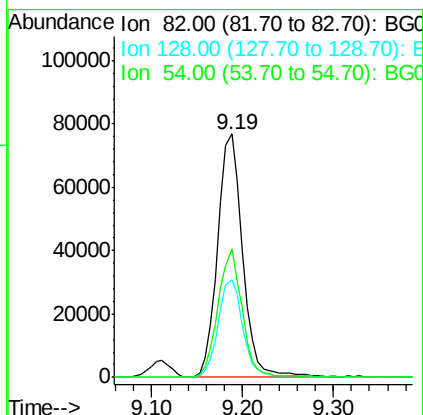
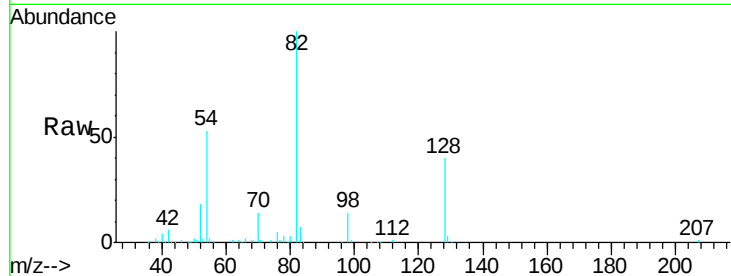




#23
 Nitrobenzene-d5
 Concen: 64.515 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

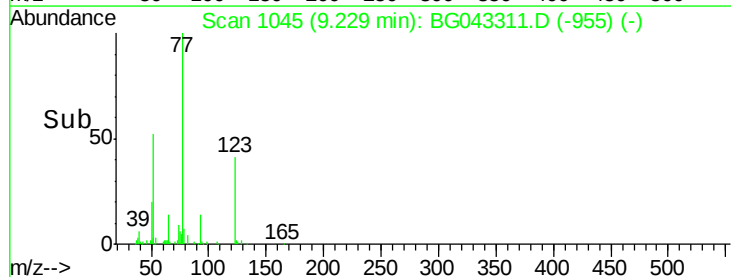
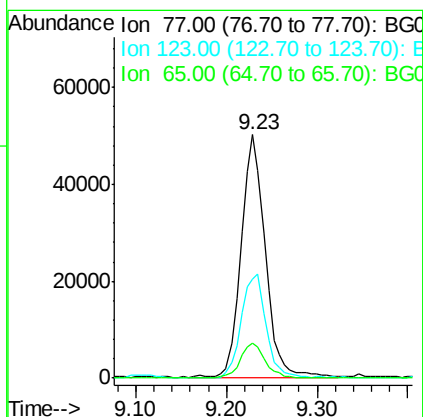
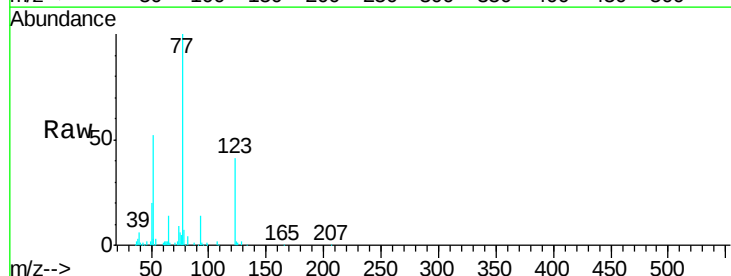
Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

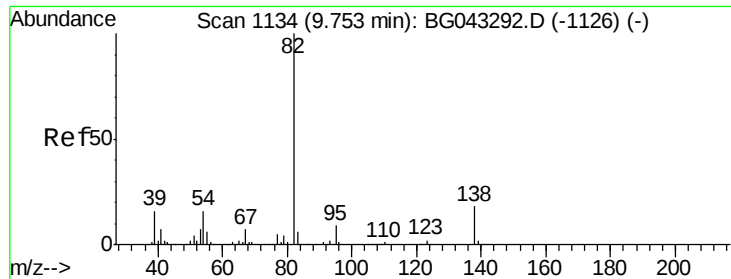
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.3	52.9
54	52.9	42.3	63.5



#24
 Nitrobenzene
 Concen: 43.673 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.8	50.8
65	14.5	13.0	19.4





#25

Isophorone

Concen: 42.951 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

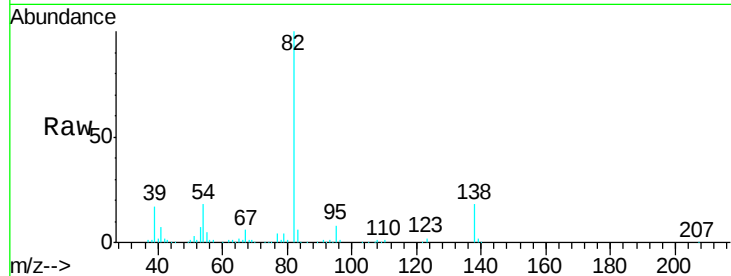
Tgt Ion: 82 Resp: 177397

Ion Ratio Lower Upper

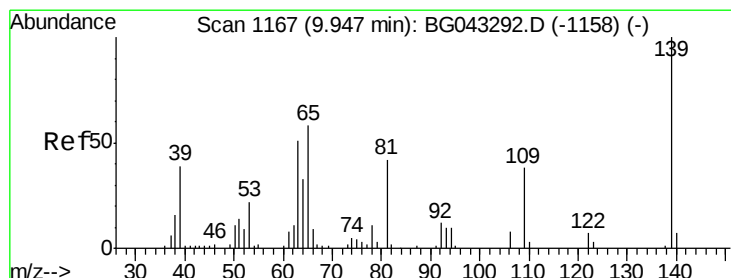
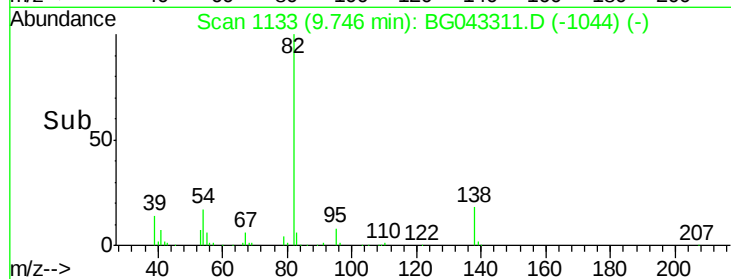
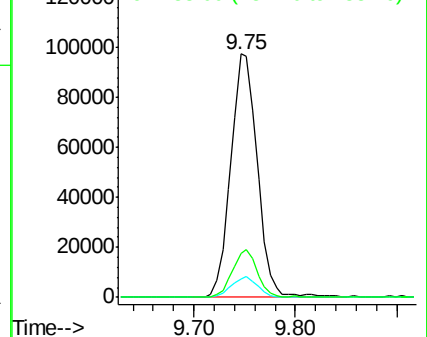
82 100

95 7.6 6.9 10.3

138 17.9 14.2 21.2



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



#26

2-Nitrophenol

Concen: 46.166 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

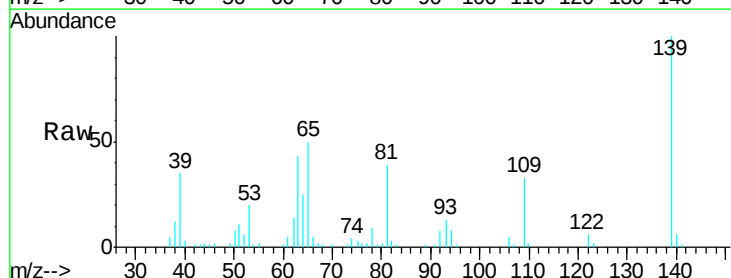
Tgt Ion: 139 Resp: 47965

Ion Ratio Lower Upper

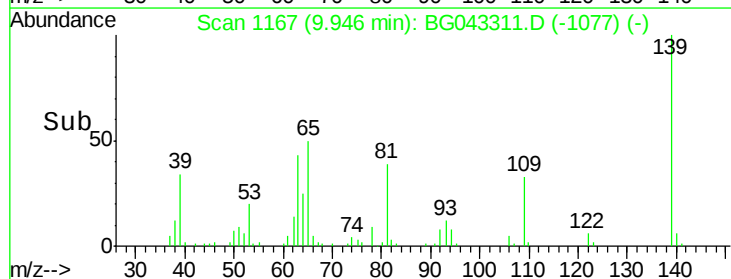
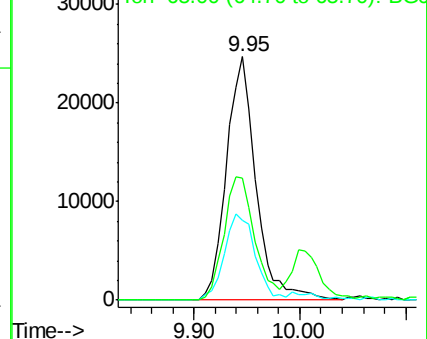
139 100

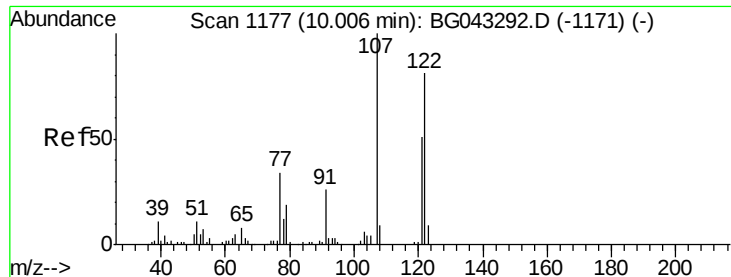
109 32.9 30.1 45.1

65 50.1 46.1 69.1



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

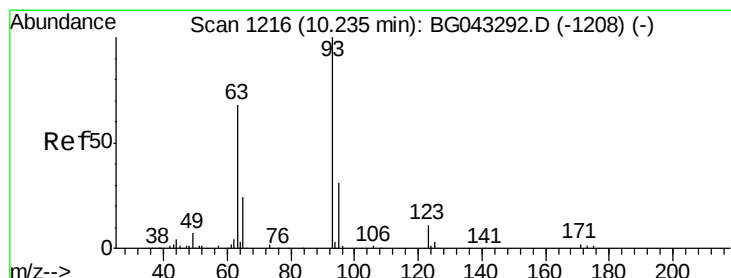
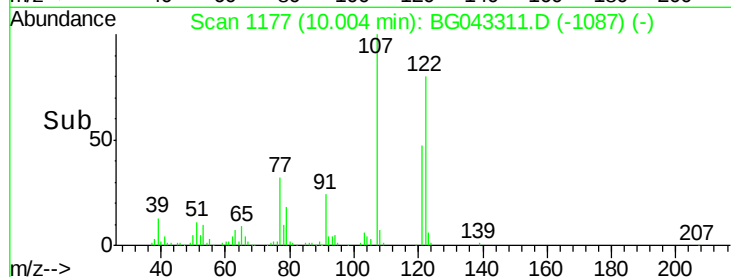
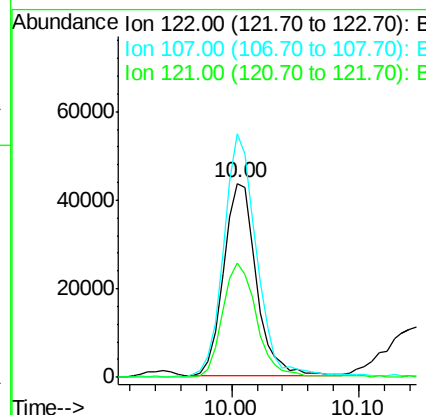
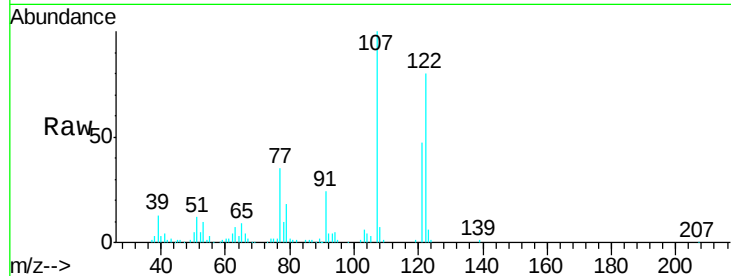




#27
2,4-Dimethylphenol
Concen: 52.431 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

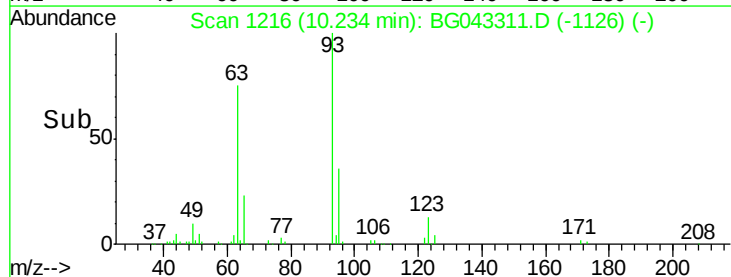
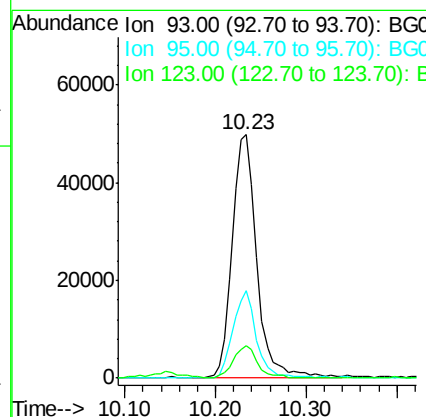
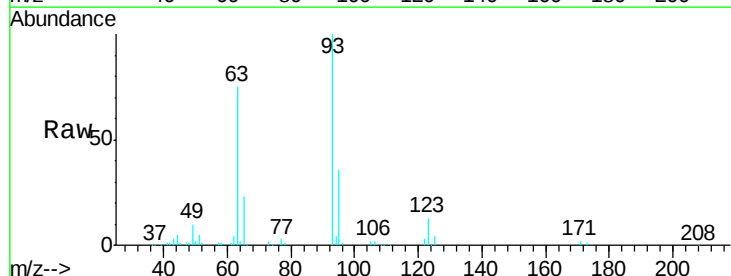
Instrument :
BNA_G
ClientSampleId :
PB124212BS

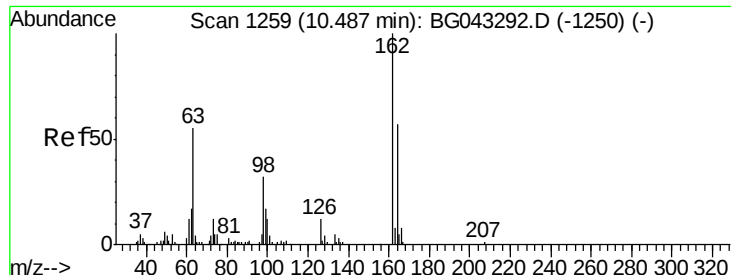
Tgt Ion:122 Resp: 78076
Ion Ratio Lower Upper
122 100
107 125.7 98.6 147.8
121 58.9 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.565 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion: 93 Resp: 94749
Ion Ratio Lower Upper
93 100
95 35.9 24.9 37.3
123 13.2 8.9 13.3

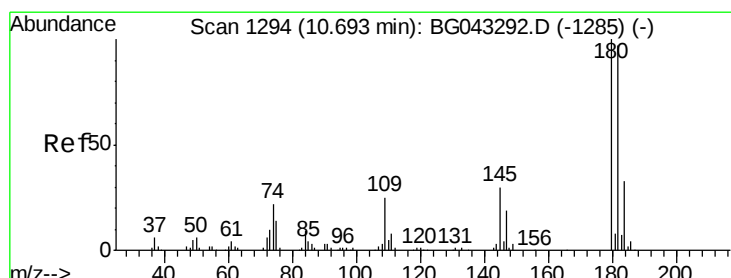
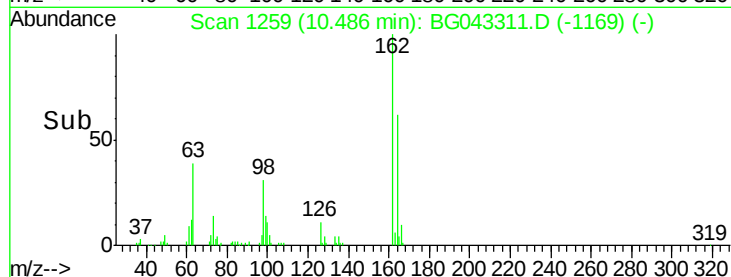
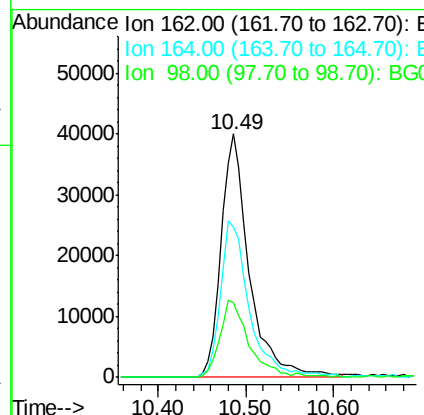
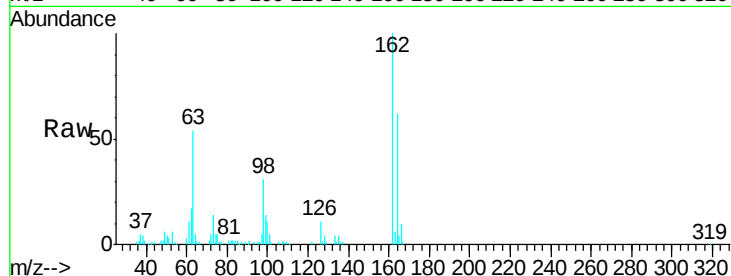




#29
 2,4-Dichlorophenol
 Concen: 46.598 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

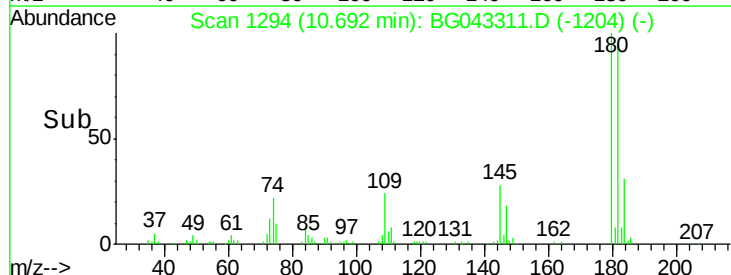
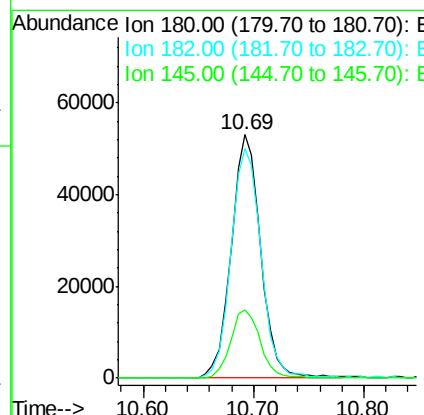
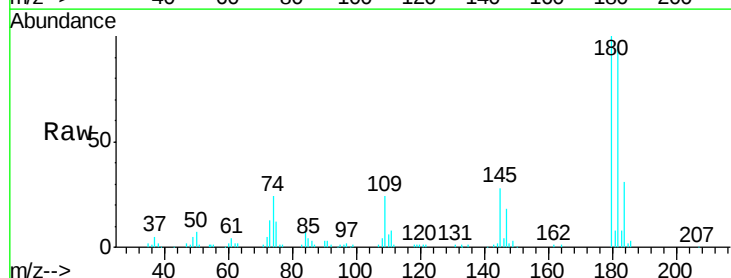
Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

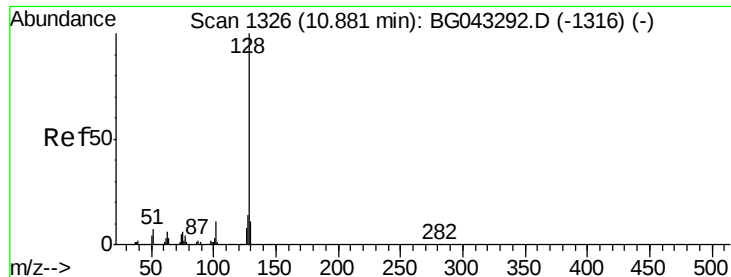
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	37.3	77.3
98	30.5	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.296 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.8	116.8
145	28.1	23.6	35.4

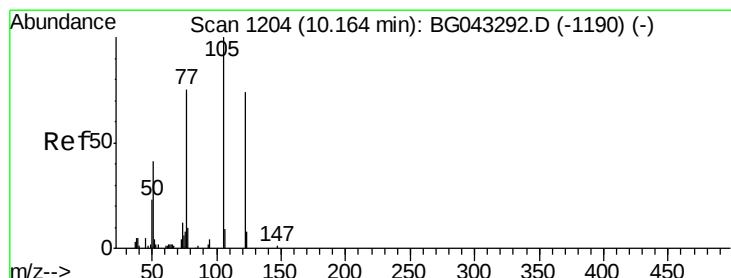
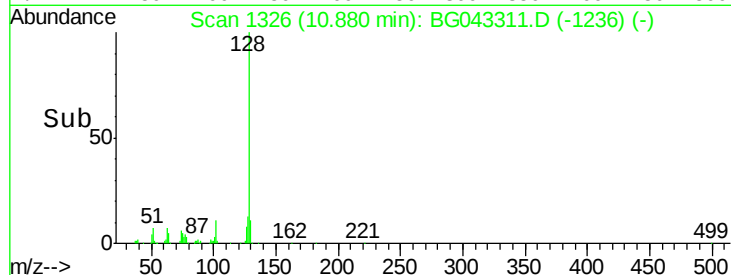
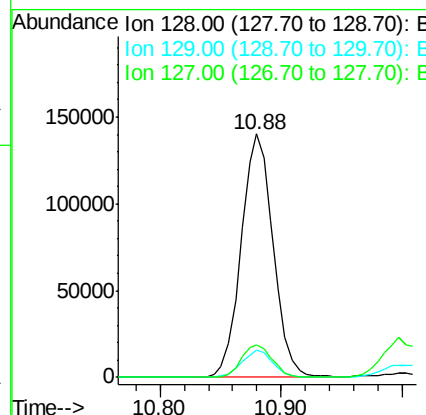
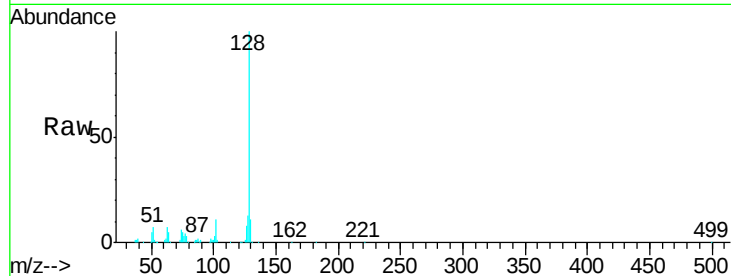




#31
Naphthalene
Concen: 43.676 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

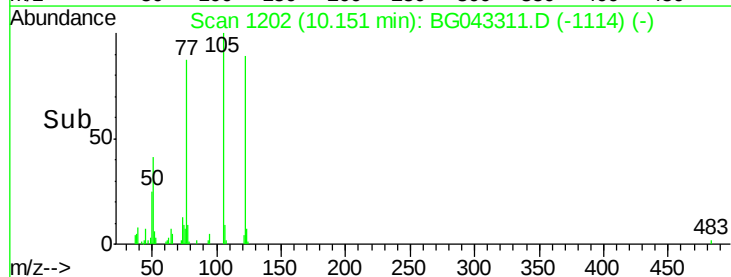
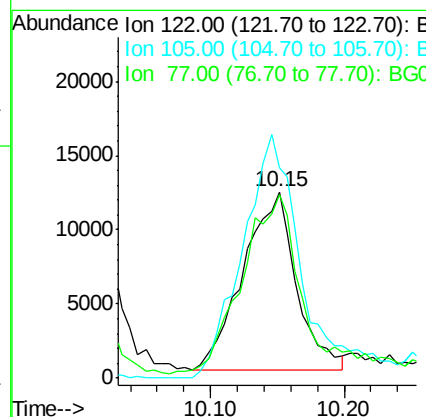
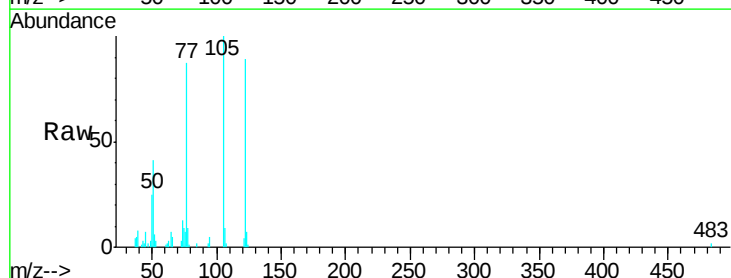
Instrument :
BNA_G
ClientSampleId :
PB124212BS

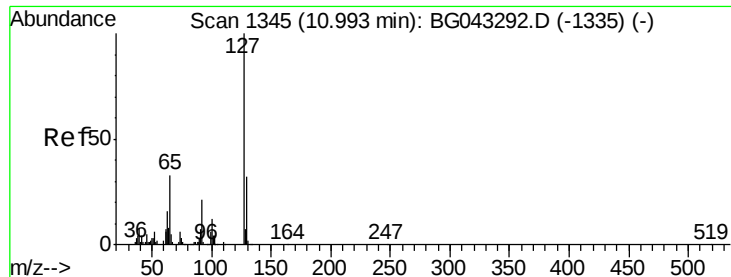
Tgt Ion:128 Resp: 258201
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 11.5 17.3



#32
Benzoic acid
Concen: 32.566 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:122 Resp: 32952
Ion Ratio Lower Upper
122 100
105 112.9 112.4 152.4
77 98.4 82.7 122.7

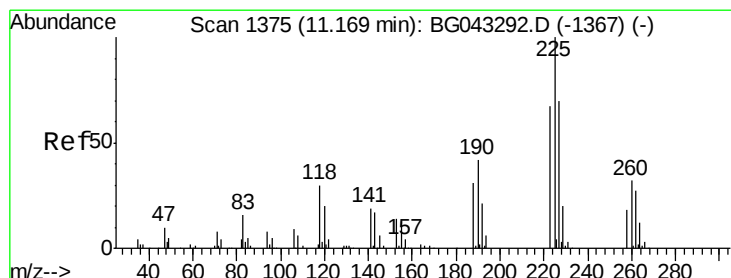
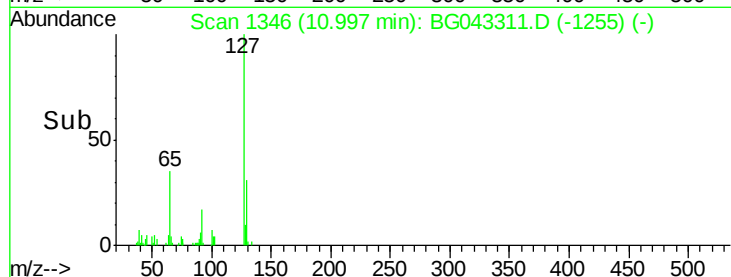
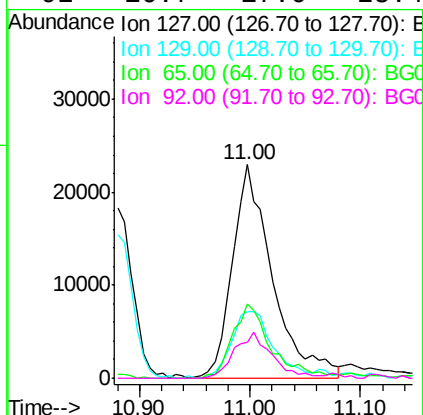
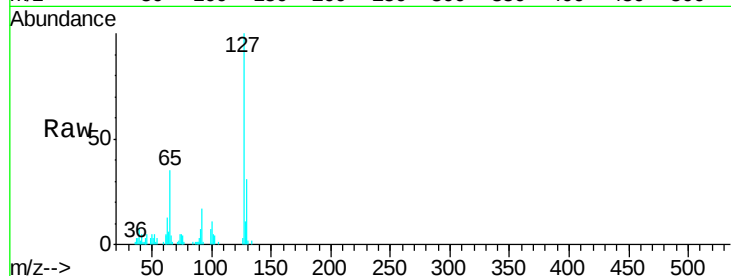




#33
4-Chloroaniline
Concen: 24.125 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

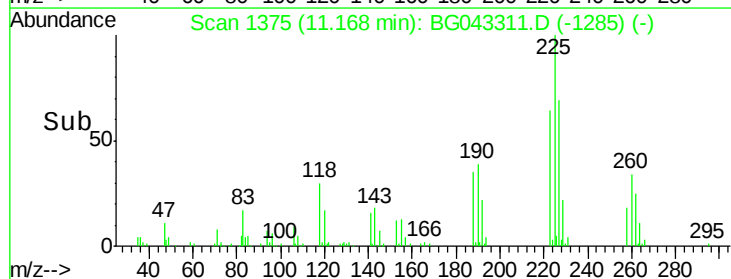
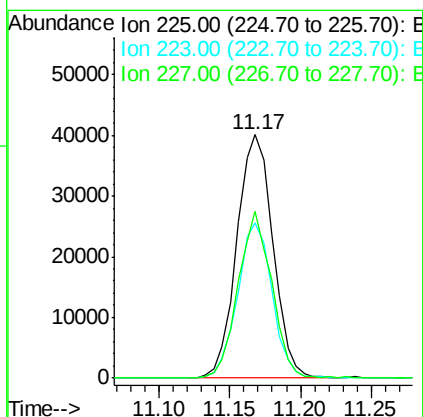
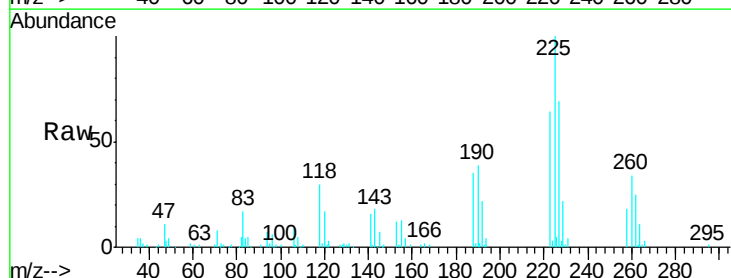
Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion:	127	Resp:	58463
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	35.0	26.2	39.2
92	16.7	17.0	25.4#



#34
Hexachlorobutadiene
Concen: 40.308 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:	225	Resp:	71654
Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.2	79.8
227	68.5	56.2	84.2





#35

Caprolactam

Concen: 20.409 ng

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

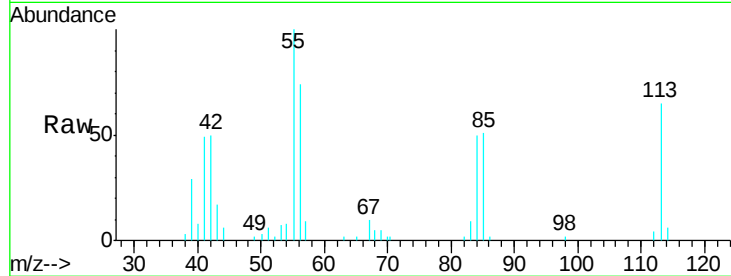
Tgt Ion:113 Resp: 13411

Ion Ratio Lower Upper

113 100

55 153.4 158.9 198.9#

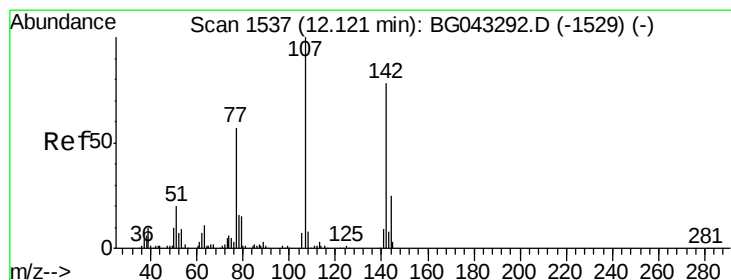
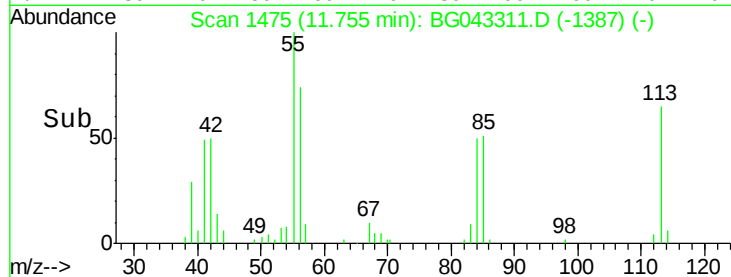
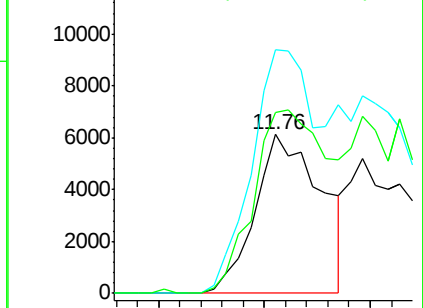
56 114.0 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.357 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

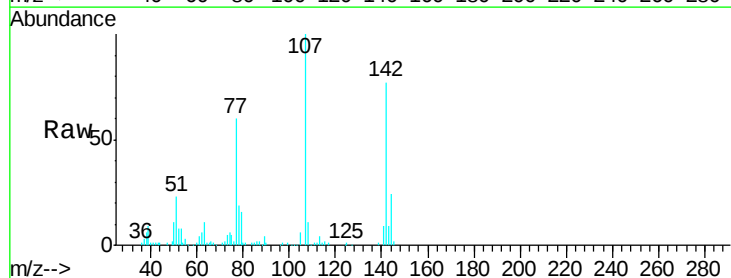
Tgt Ion:107 Resp: 94398

Ion Ratio Lower Upper

107 100

144 24.5 19.9 29.9

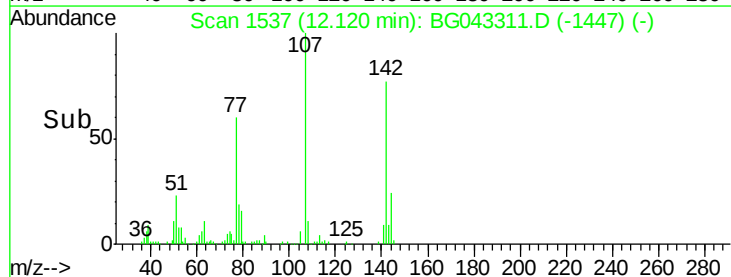
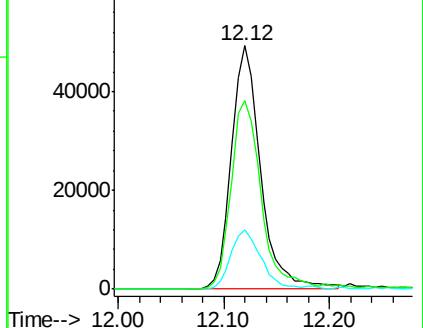
142 77.3 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

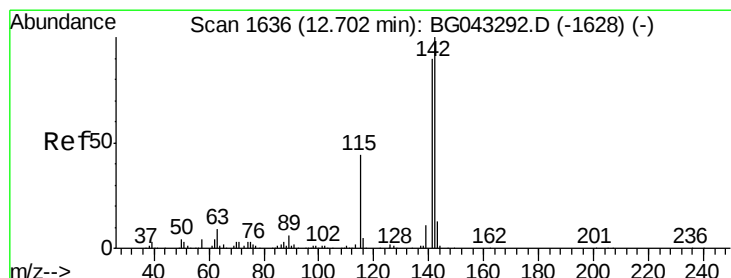
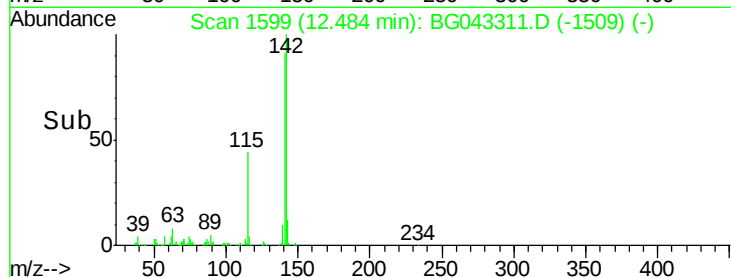
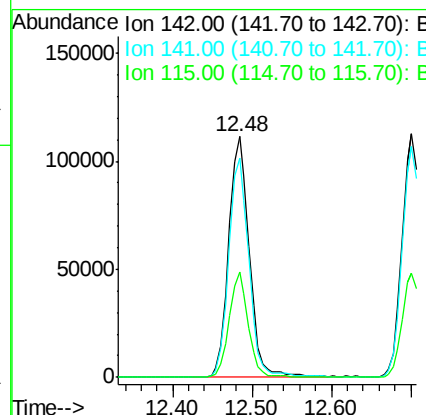
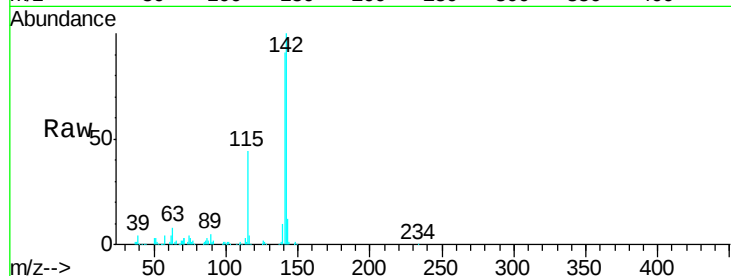




#37
2-Methylnaphthalene
Concen: 44.318 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

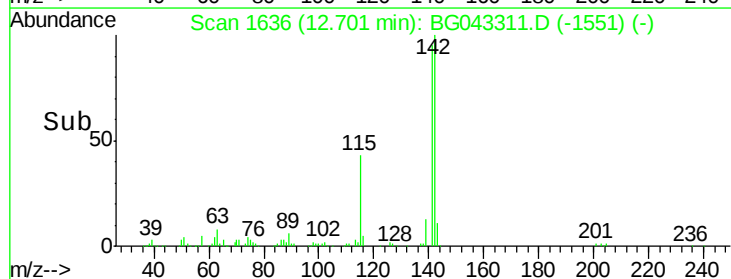
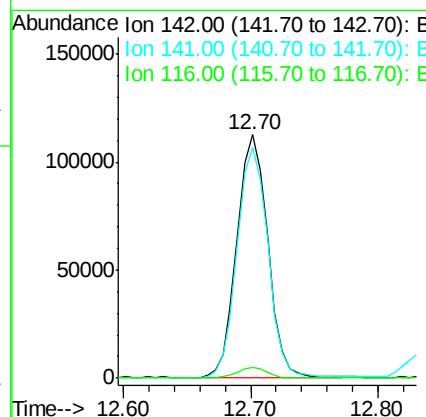
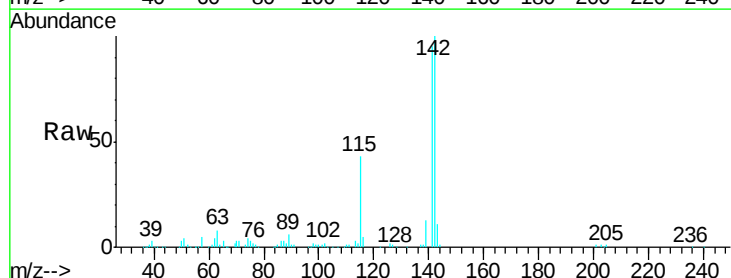
Instrument :
BNA_G
ClientSampleId :
PB124212BS

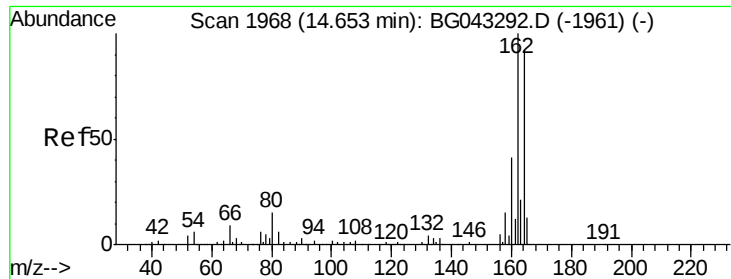
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	69.7	104.5
115	44.0	30.6	46.0



#38
1-Methylnaphthalene
Concen: 43.843 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.3	108.5
116	4.5	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

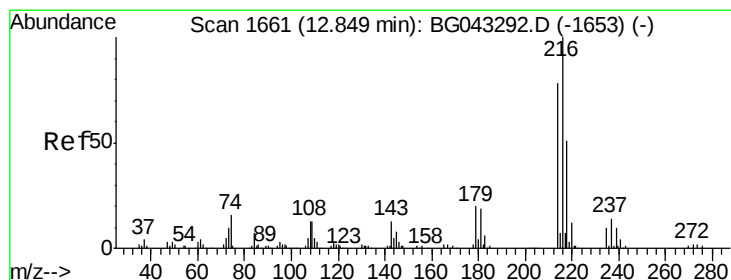
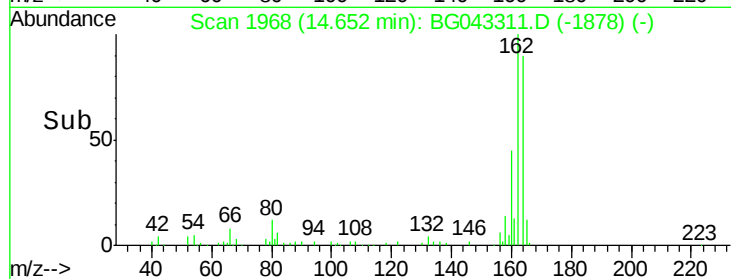
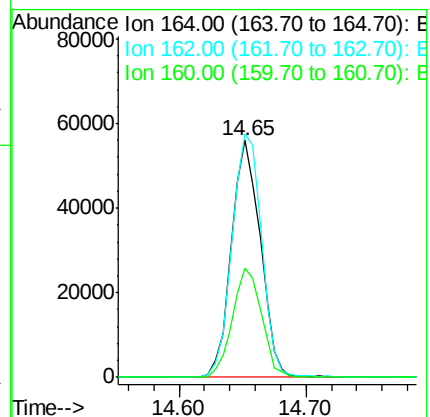
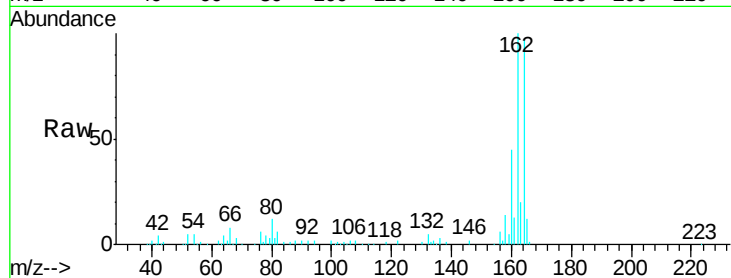
Tgt Ion:164 Resp: 88363

Ion Ratio Lower Upper

164 100

162 102.7 87.0 130.4

160 46.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.114 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:216 Resp: 127909

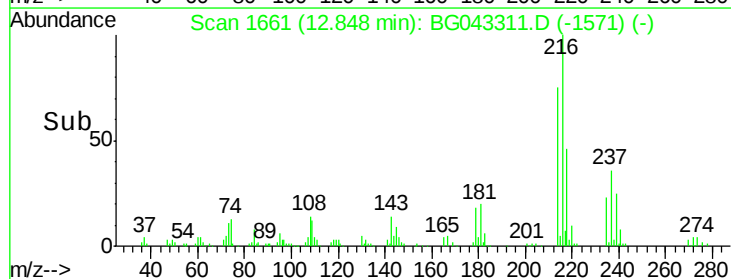
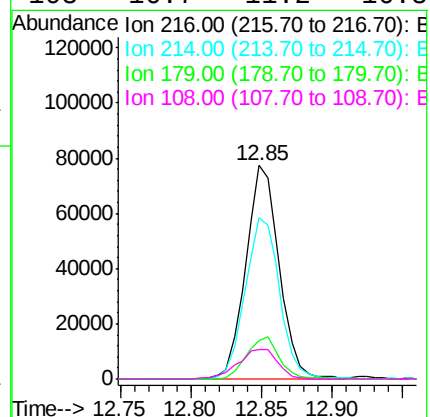
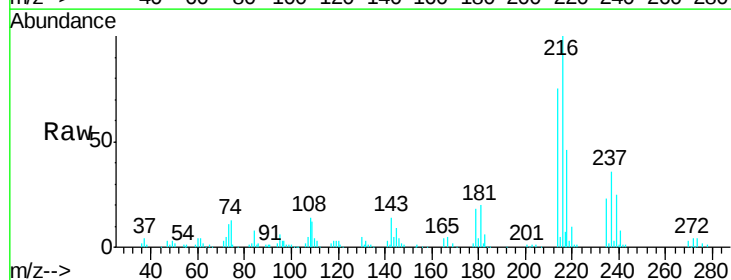
Ion Ratio Lower Upper

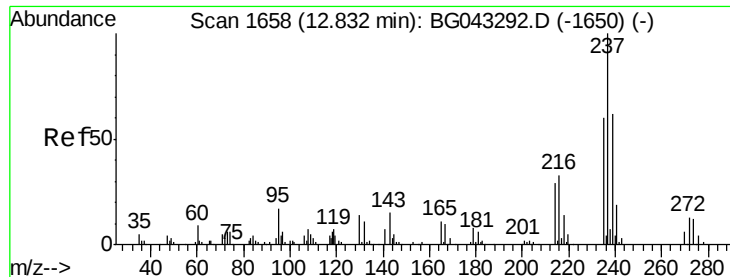
216 100

214 78.3 63.5 95.3

179 19.3 16.2 24.2

108 16.7 11.2 16.8





#41

Hexachlorocyclopentadiene

Concen: 86.728 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

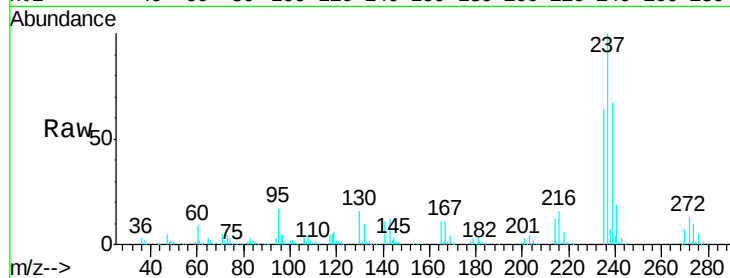
Tgt Ion: 237 Resp: 148985

Ion Ratio Lower Upper

237 100

235 64.4 40.3 80.3

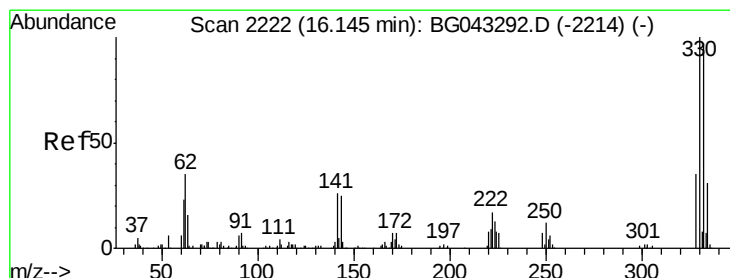
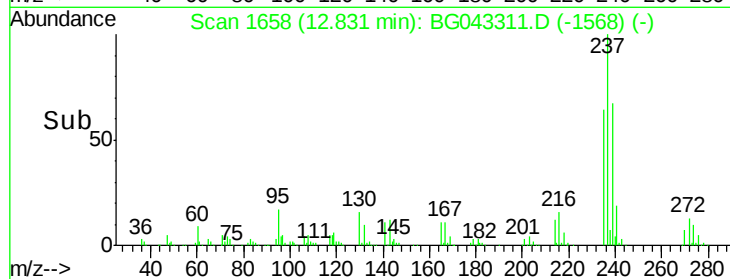
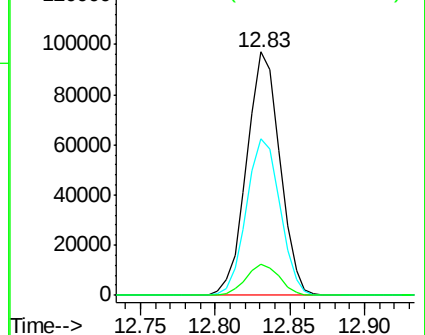
272 12.6 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.555 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

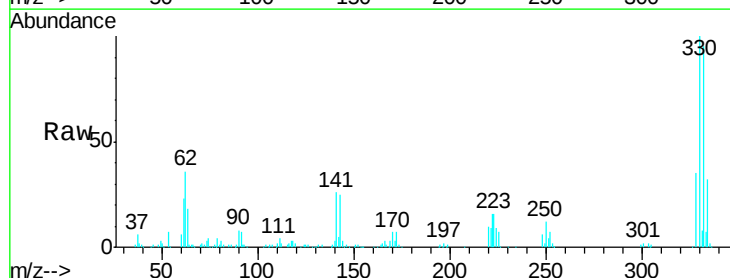
Tgt Ion: 330 Resp: 202719

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

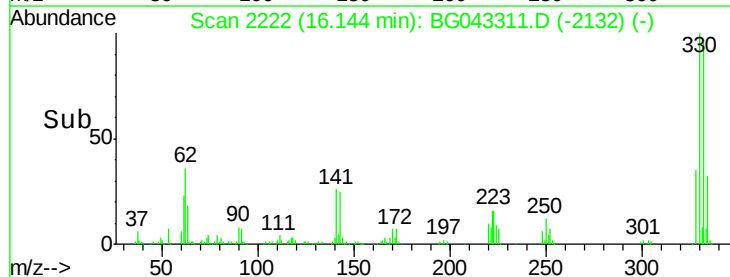
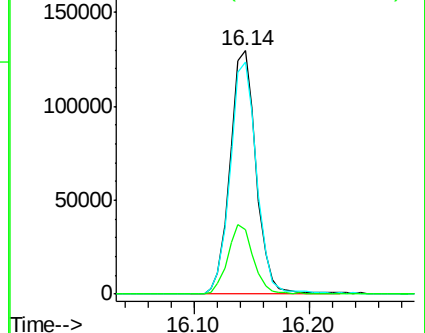
141 27.9 21.4 32.0

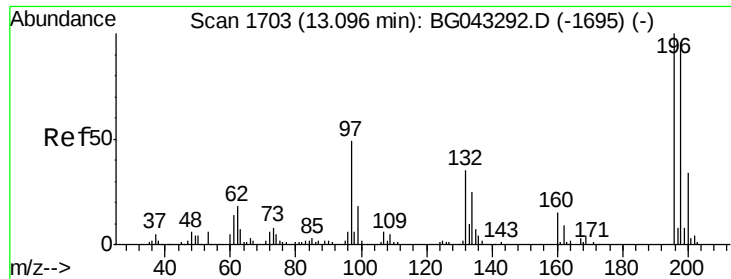


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

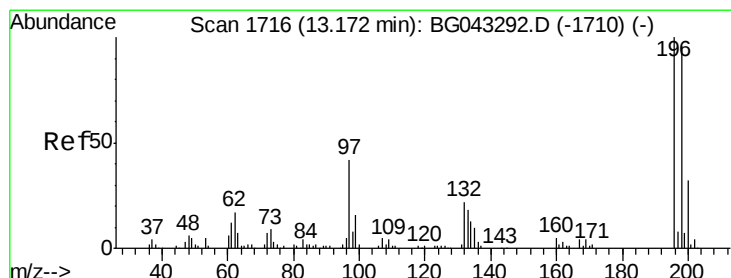
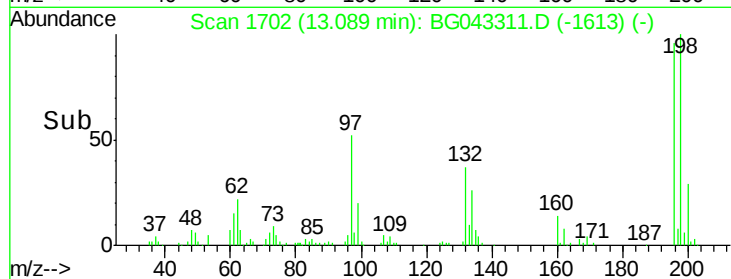
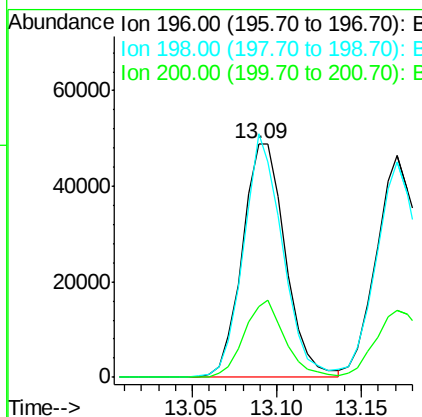
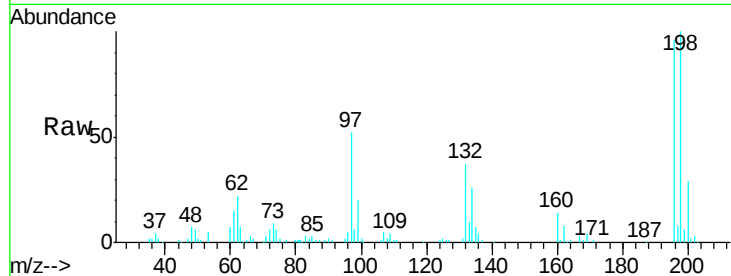




#43
 2,4,6-Trichlorophenol
 Concen: 45.020 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

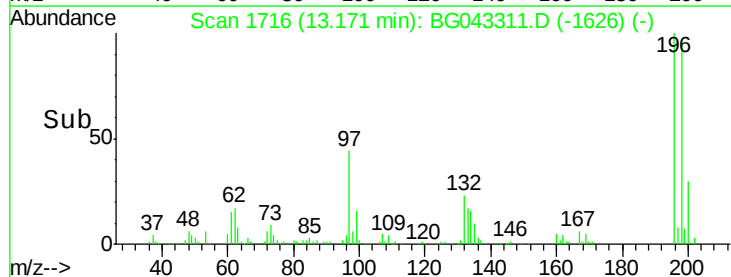
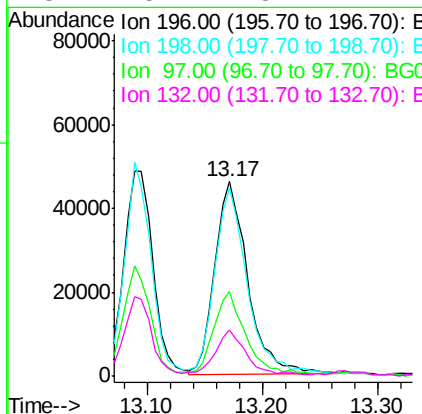
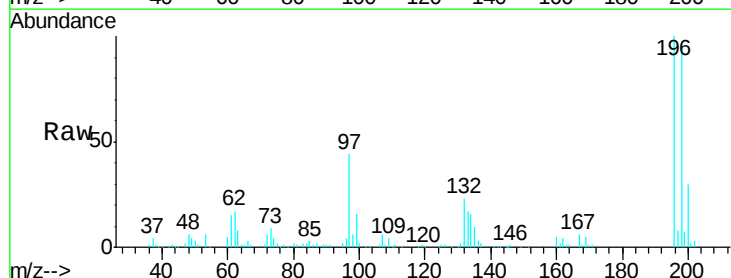
Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

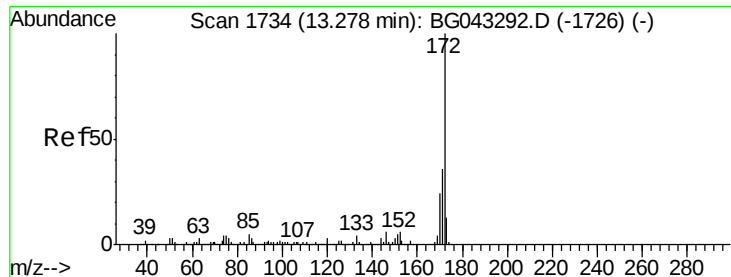
Tgt Ion:196 Resp: 86701
 Ion Ratio Lower Upper
 196 100
 198 104.2 77.0 115.4
 200 30.4 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.011 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion:196 Resp: 91530
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 114.8
 97 43.8 34.1 51.1
 132 23.4 18.2 27.4

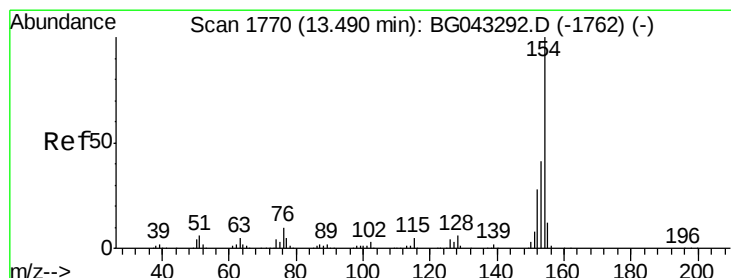
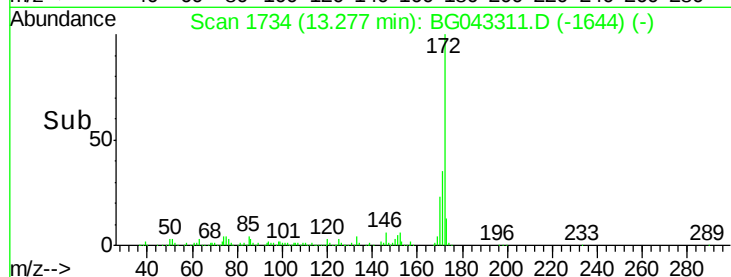
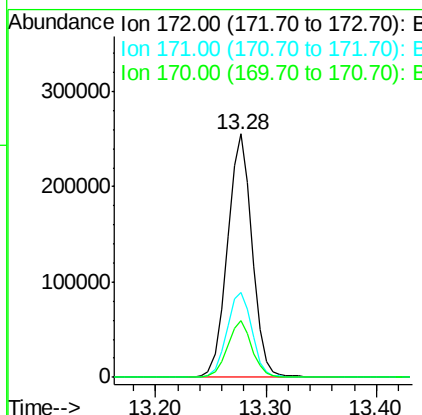
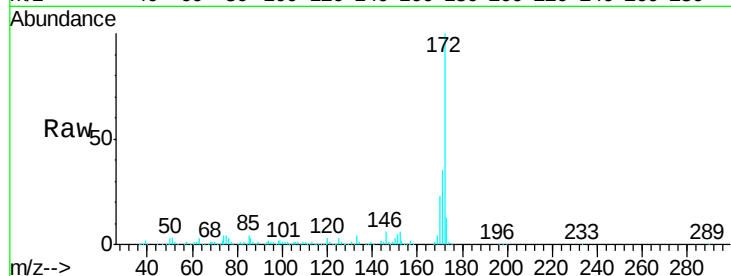




#45
2-Fluorobiphenyl
Concen: 62.485 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

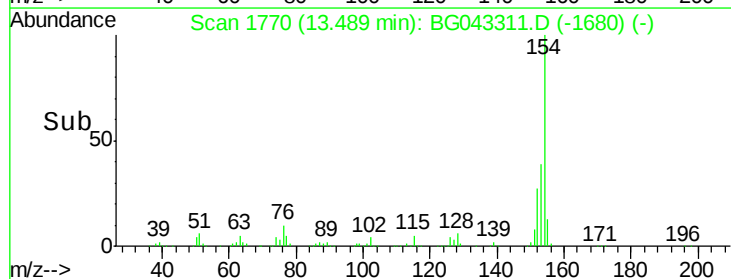
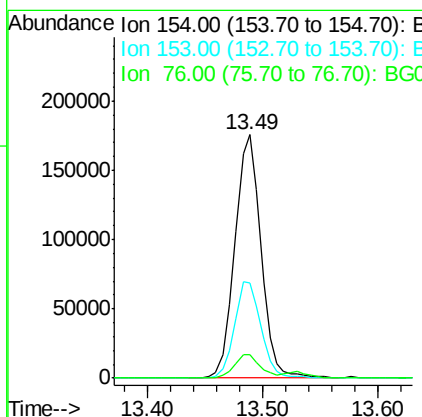
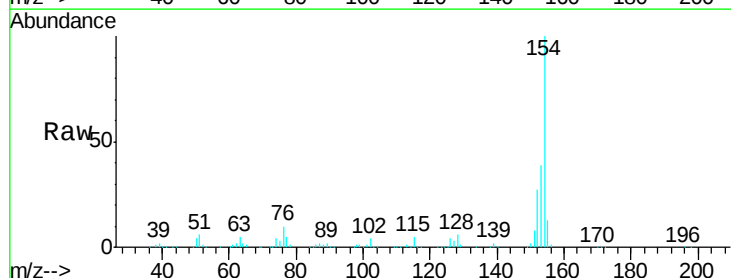
Instrument :
BNA_G
ClientSampleId :
PB124212BS

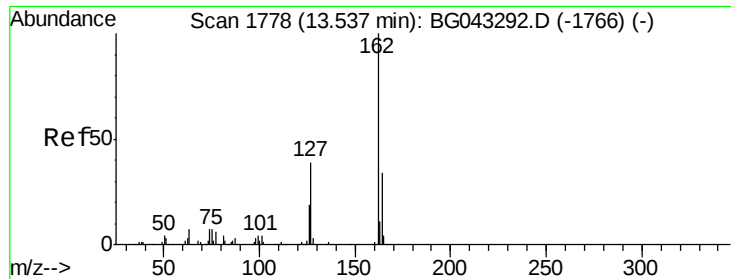
Tgt Ion:172 Resp: 399578
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 40.873 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:154 Resp: 274755
Ion Ratio Lower Upper
154 100
153 39.1 21.0 61.0
76 9.8 0.0 29.8

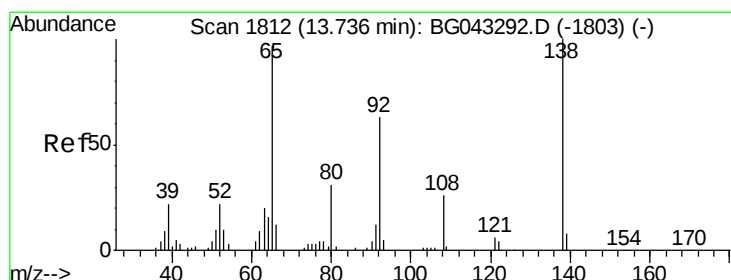
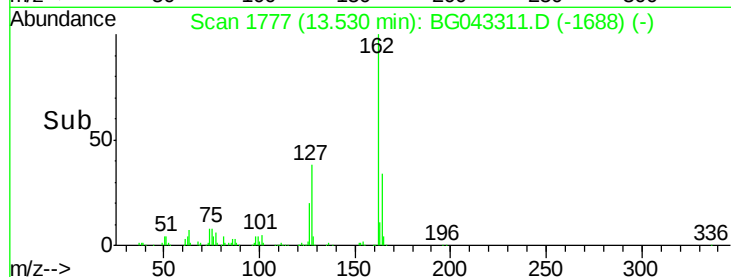
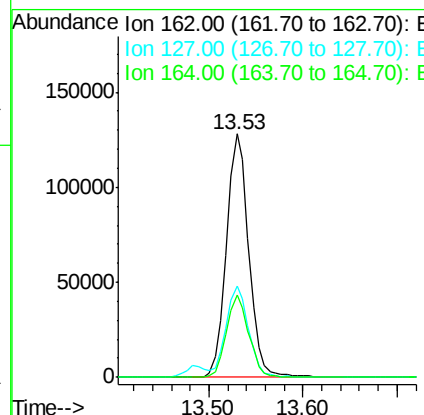
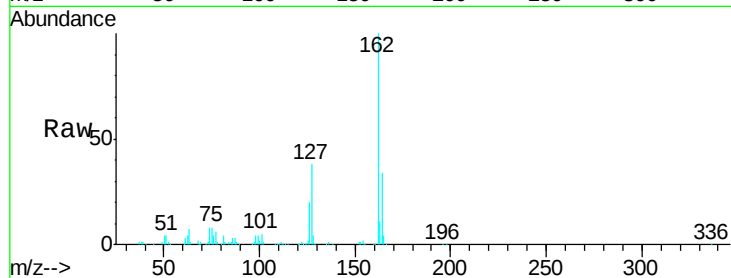




#47
2-Chloronaphthalene
Concen: 41.480 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

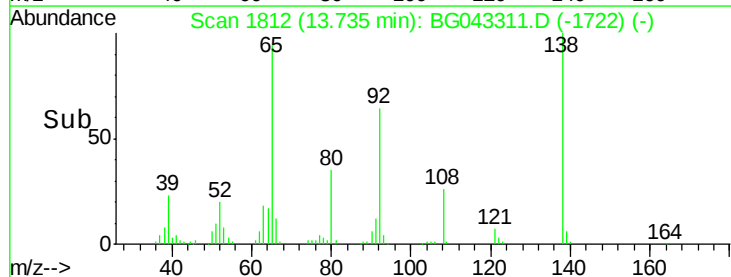
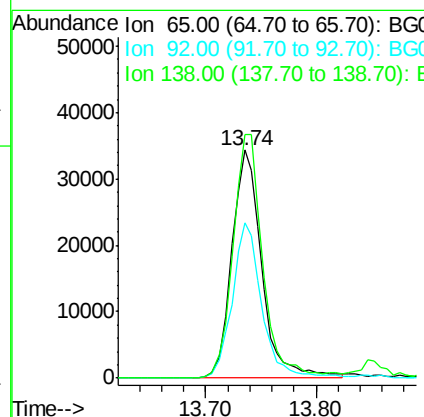
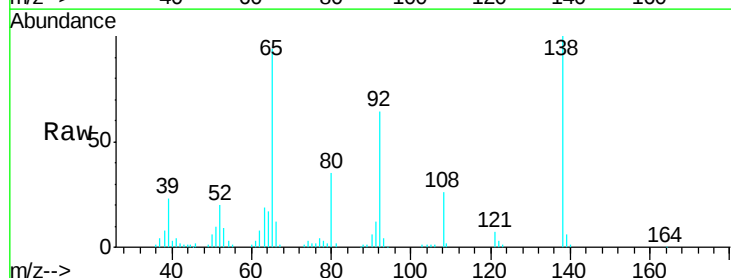
Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.3	46.9
164	33.8	26.8	40.2



#48
2-Nitroaniline
Concen: 42.788 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.6	79.0
138	106.8	82.9	124.3





#49

Acenaphthylene

Concen: 44.336 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

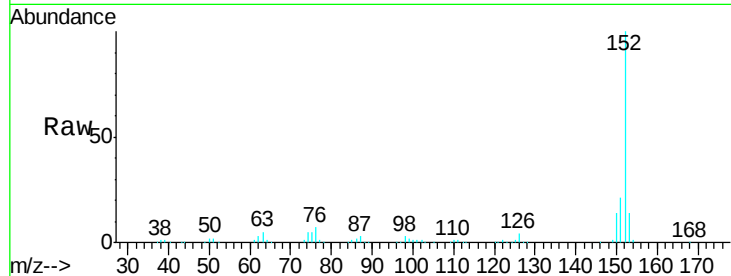
Tgt Ion:152 Resp: 352931

Ion Ratio Lower Upper

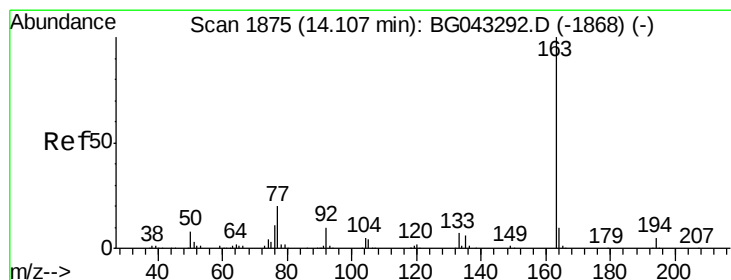
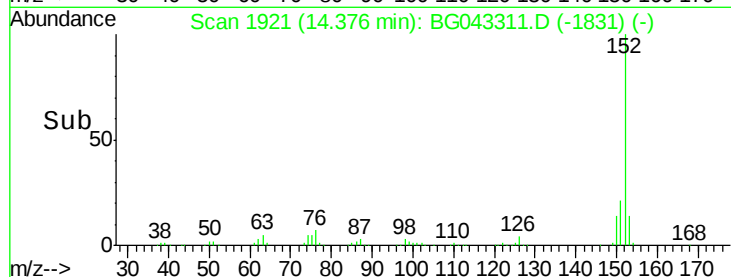
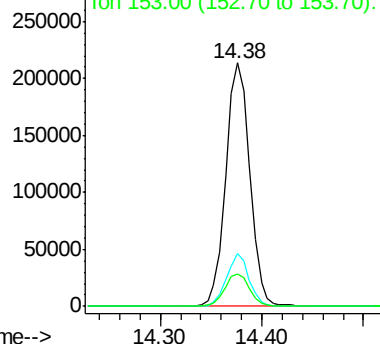
152 100

151 21.5 17.2 25.8

153 13.5 11.0 16.6



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



#50

Dimethylphthalate

Concen: 43.397 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

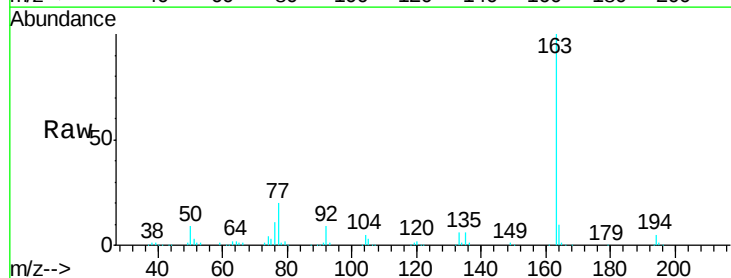
Tgt Ion:163 Resp: 297023

Ion Ratio Lower Upper

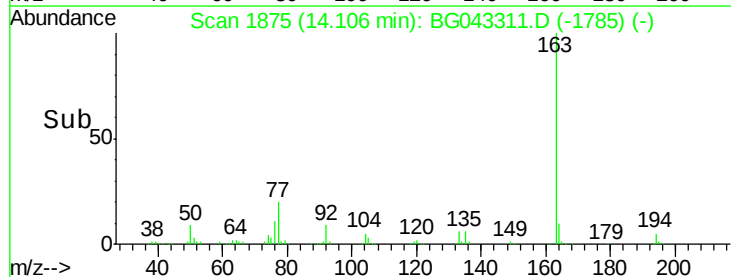
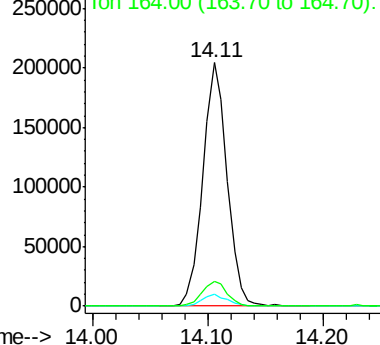
163 100

194 4.9 3.7 5.5

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.359 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

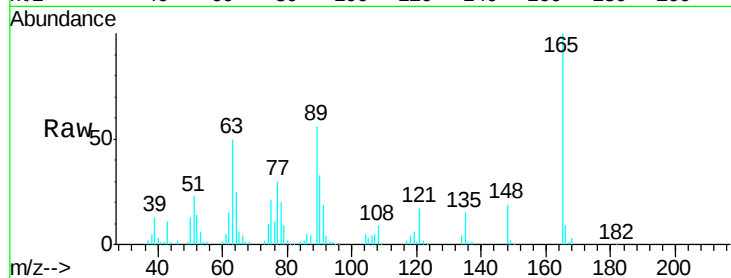
Tgt Ion:165 Resp: 67445

Ion Ratio Lower Upper

165 100

63 50.5 47.1 70.7

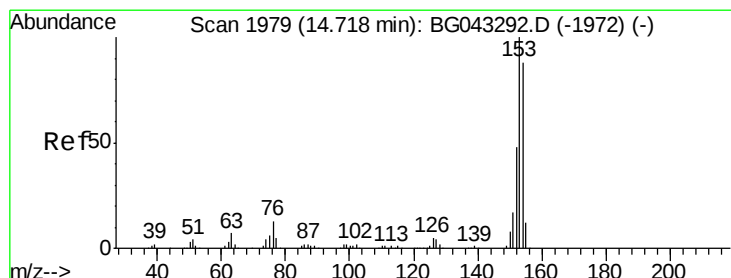
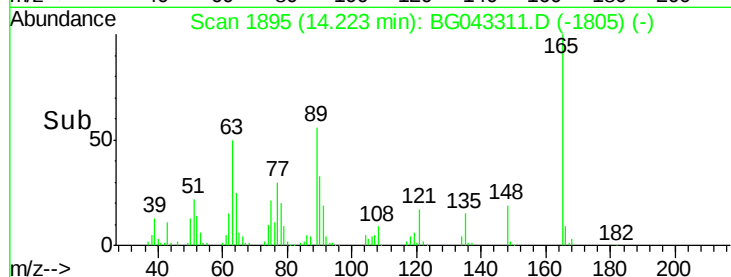
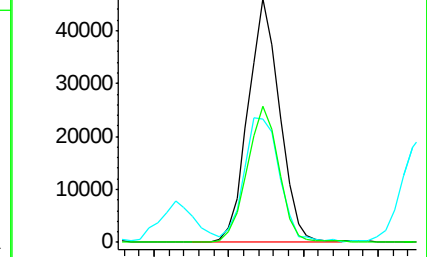
89 55.7 43.7 65.5



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



#52

Acenaphthene

Concen: 43.231 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

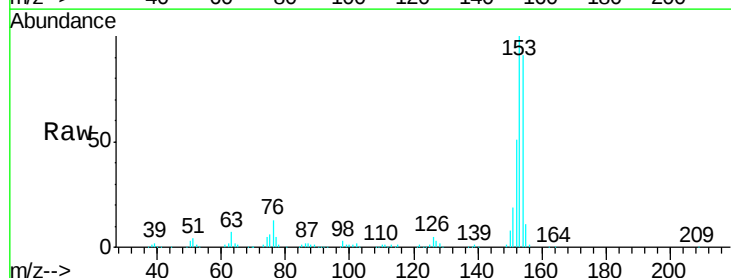
Tgt Ion:154 Resp: 209861

Ion Ratio Lower Upper

154 100

153 110.0 90.9 136.3

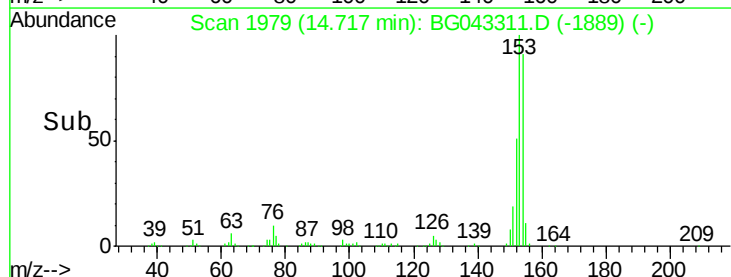
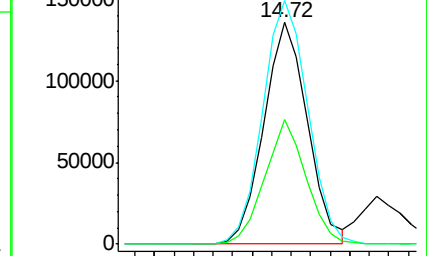
152 56.4 43.9 65.9

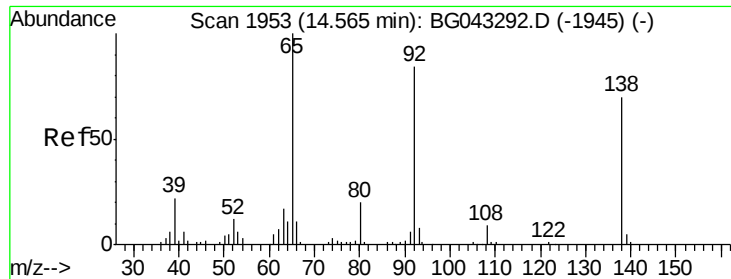


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.258 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

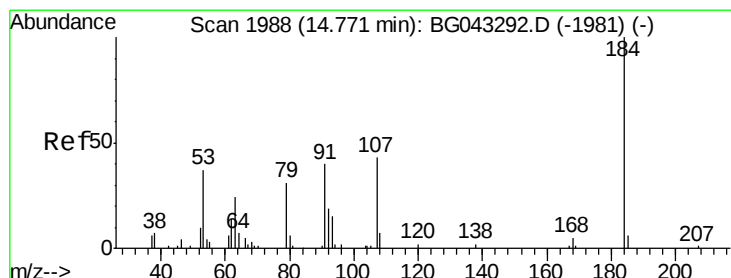
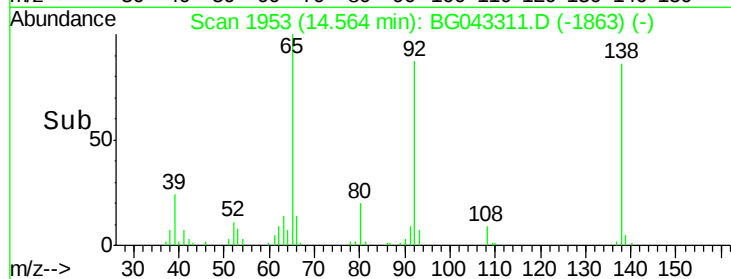
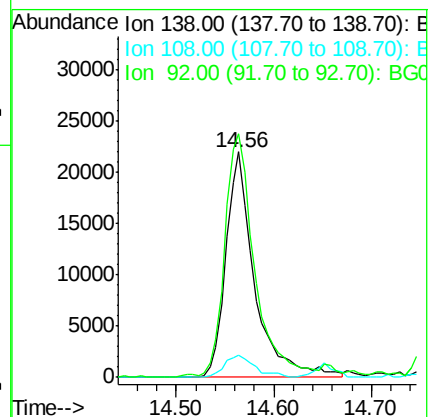
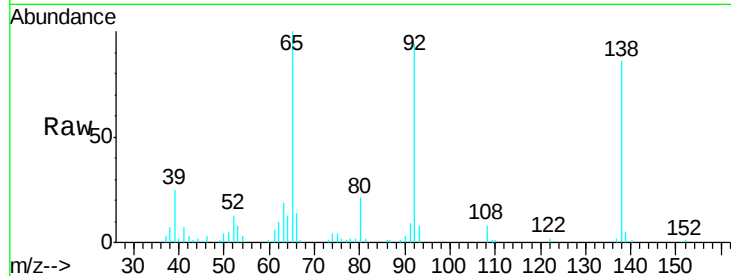
Tgt Ion:138 Resp: 44874

Ion Ratio Lower Upper

138 100

108 9.8 9.8 14.6

92 108.2 95.8 143.6



#54

2,4-Dinitrophenol

Concen: 85.212 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

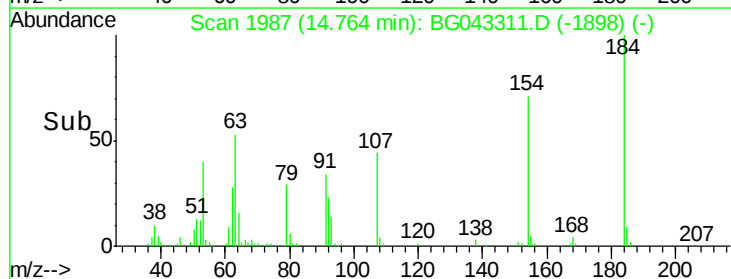
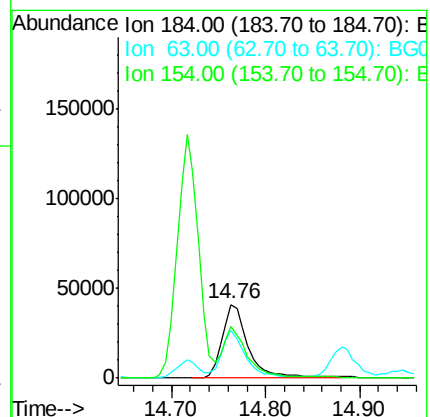
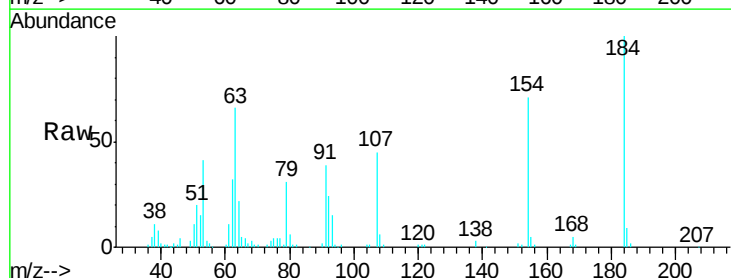
Tgt Ion:184 Resp: 79605

Ion Ratio Lower Upper

184 100

63 65.6 48.8 73.2

154 71.0 49.4 74.0





#55

Dibenzenofuran

Concen: 44.007 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

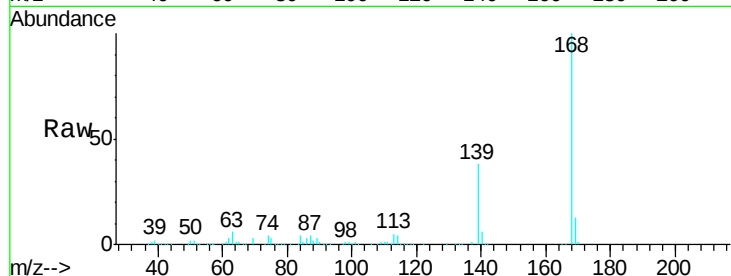
Tgt Ion:168 Resp: 346437

Ion Ratio Lower Upper

168 100

139 38.3 31.7 47.5

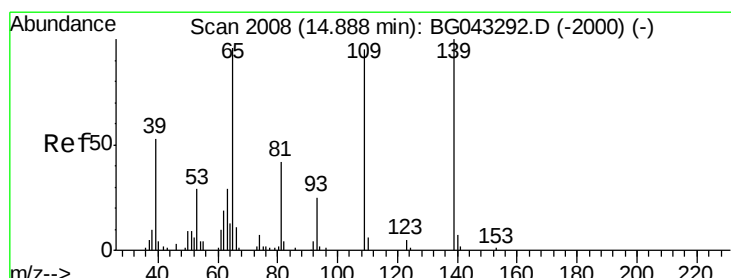
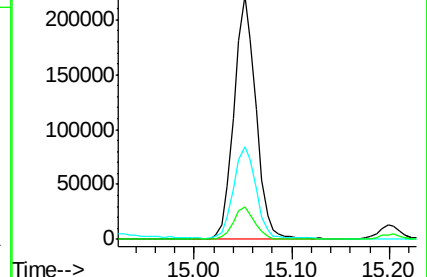
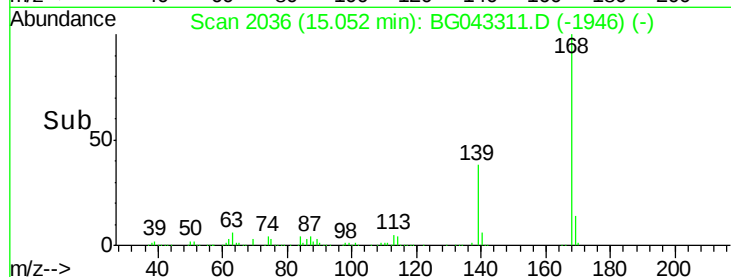
169 13.5 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 107.321 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

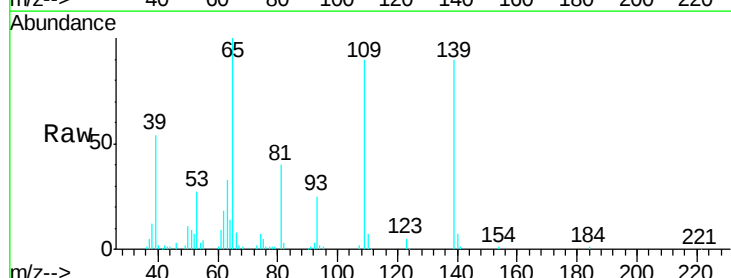
Tgt Ion:139 Resp: 103246

Ion Ratio Lower Upper

139 100

109 100.2 75.4 115.4

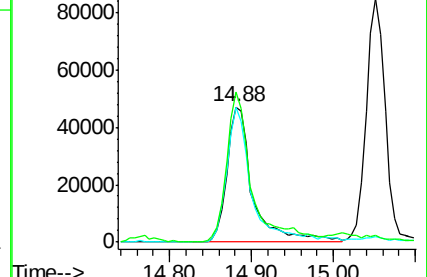
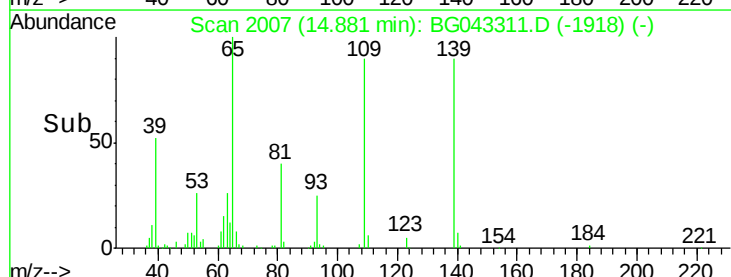
65 111.0 76.6 116.6

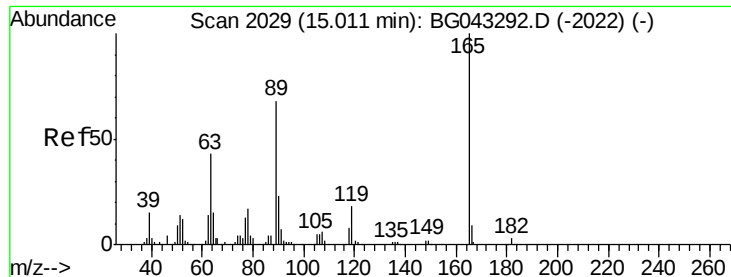


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

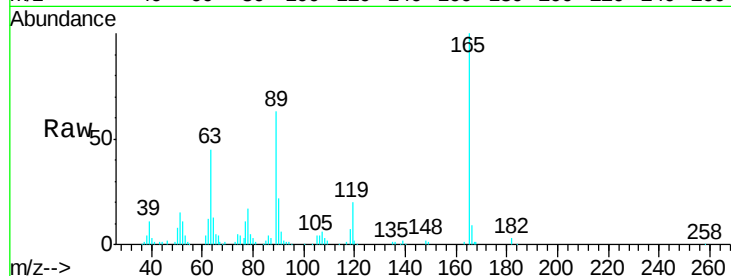




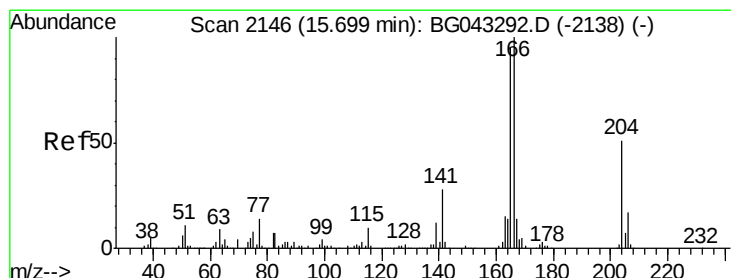
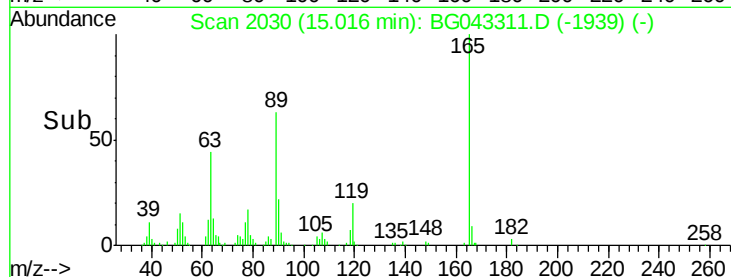
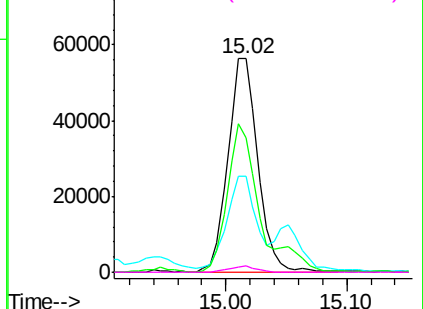
#57
2,4-Dinitrotoluene
Concen: 45.825 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion:165 Resp: 97376
Ion Ratio Lower Upper
165 100
63 44.8 35.0 52.6
89 62.7 54.1 81.1
182 3.0 2.2 3.2

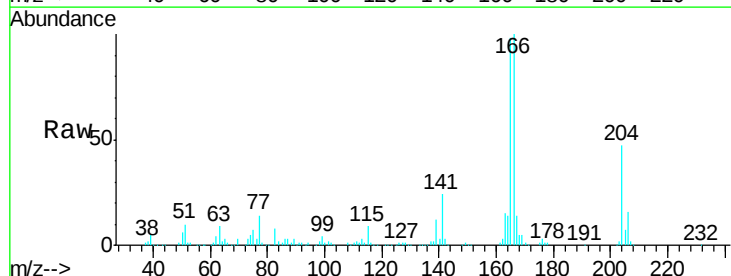


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

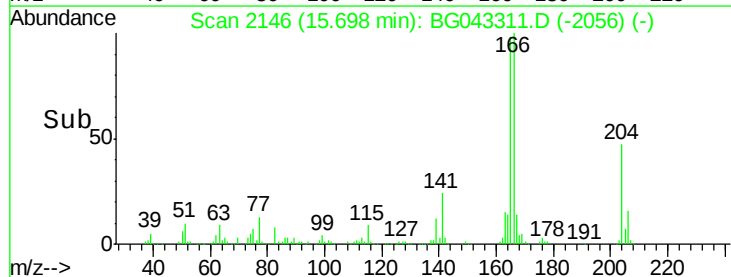
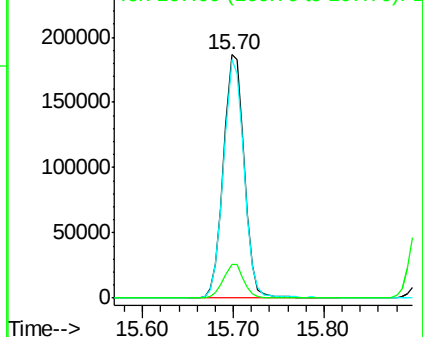


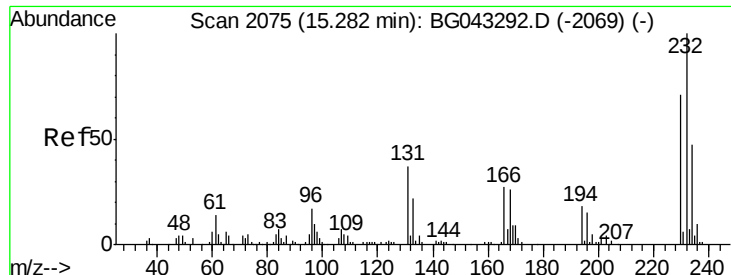
#58
Fluorene
Concen: 44.912 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:166 Resp: 296538
Ion Ratio Lower Upper
166 100
165 97.9 76.4 114.6
167 14.0 11.1 16.7



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

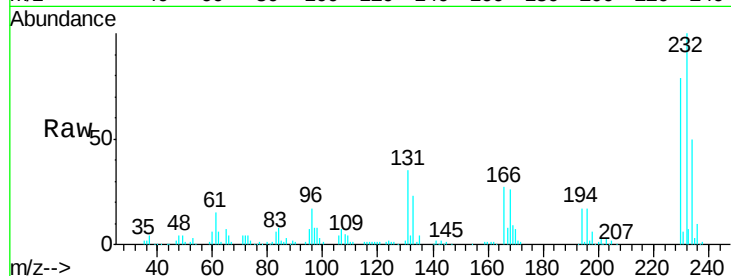




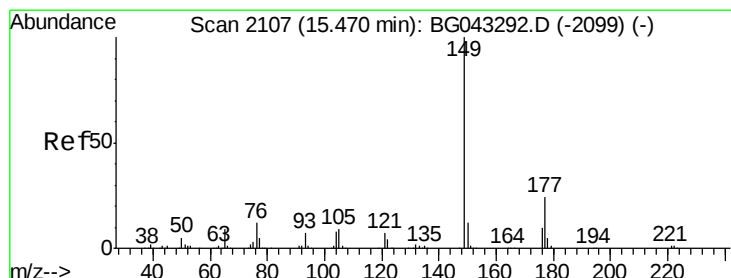
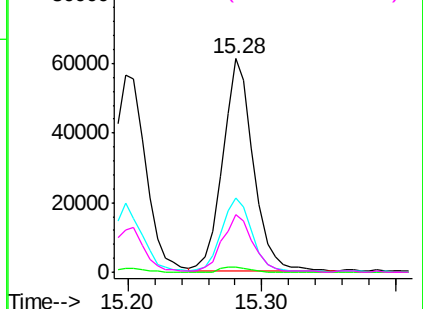
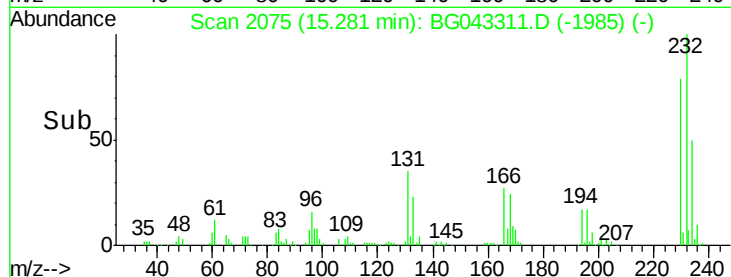
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.216 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tgt Ion: 232 Resp: 97670
 Ion Ratio Lower Upper
 232 100
 131 36.3 28.7 43.1
 130 2.4 0.6 0.8#
 166 27.4 21.1 31.7

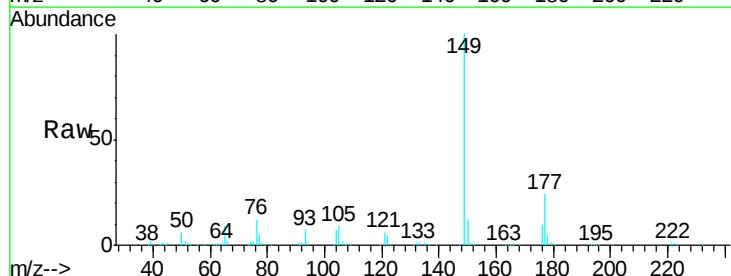


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

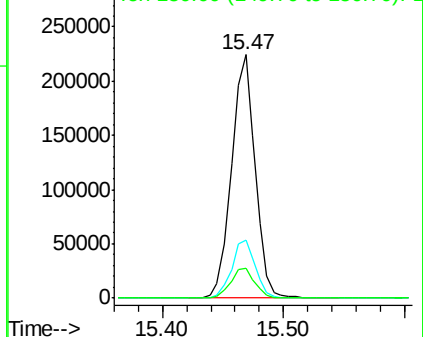
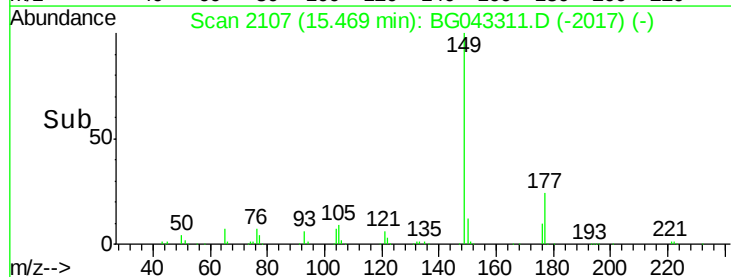


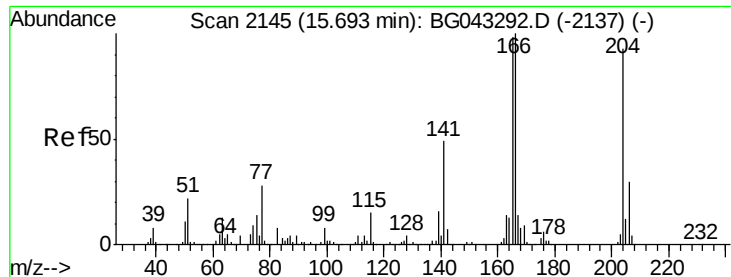
#60
 Diethylphthalate
 Concen: 44.227 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion: 149 Resp: 304153
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.0 28.4
 150 12.4 9.4 14.0



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

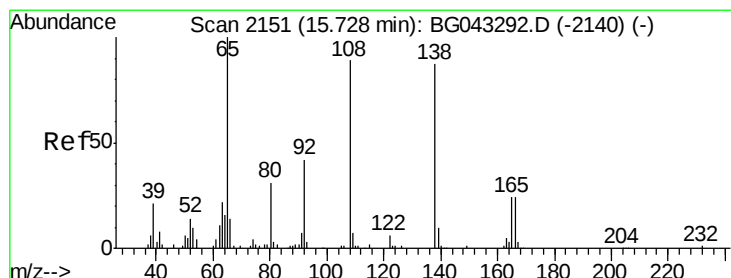
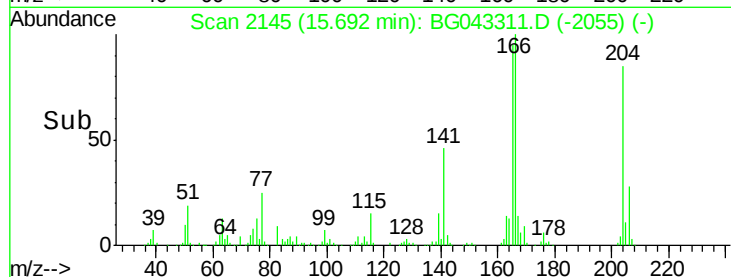
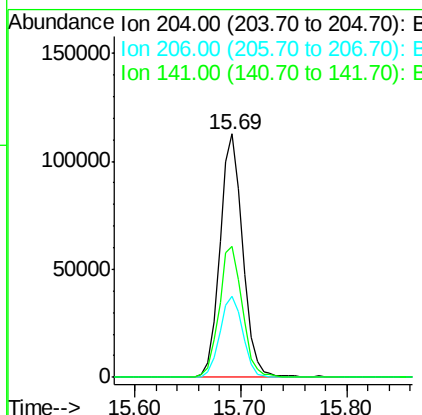
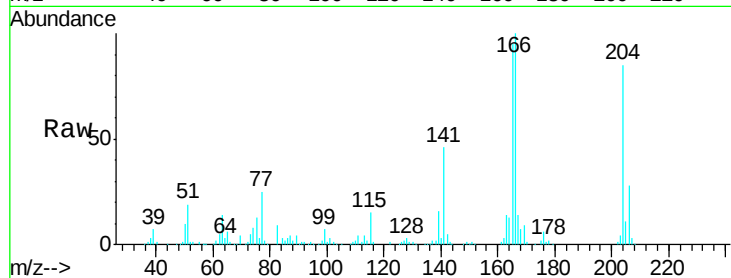




#61
 4-Chlorophenyl-phenylether
 Concen: 43.964 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

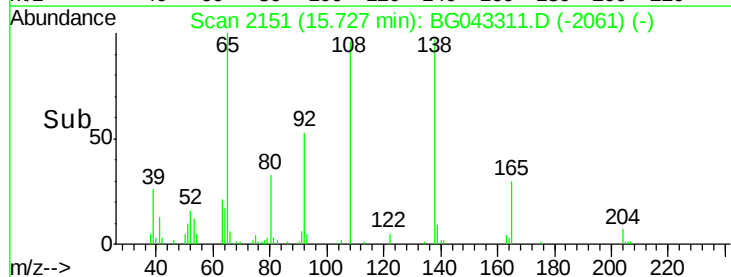
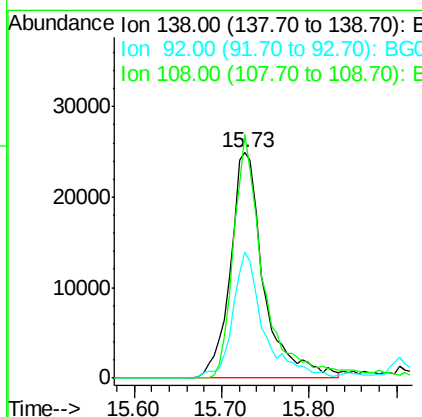
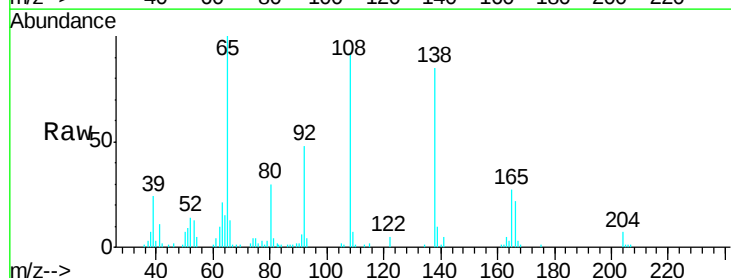
Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

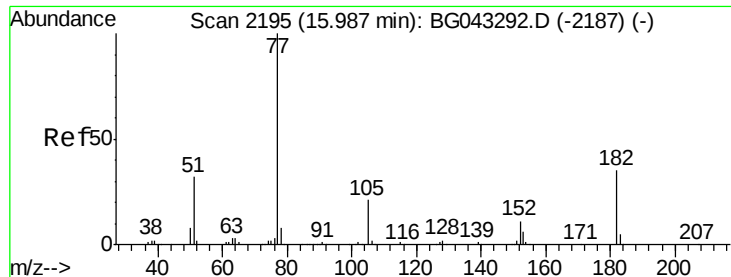
Tgt Ion: 204 Resp: 169342
 Ion Ratio Lower Upper
 204 100
 206 33.5 25.7 38.5
 141 53.9 42.3 63.5



#62
 4-Nitroaniline
 Concen: 43.655 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion: 138 Resp: 64723
 Ion Ratio Lower Upper
 138 100
 92 56.0 28.8 68.8
 108 108.0 82.7 122.7





#63

Azobenzene

Concen: 45.272 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

Tgt Ion: 77 Resp: 251974

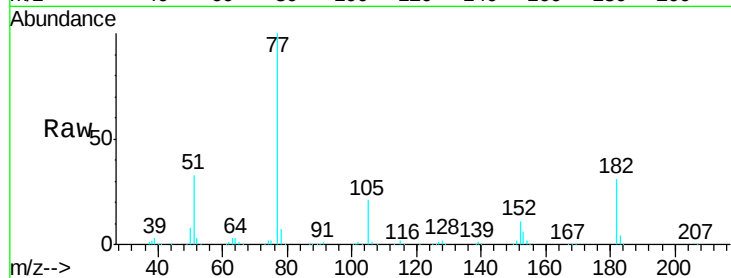
Ion Ratio Lower Upper

77 100

182 31.1 14.9 54.9

105 20.8 0.6 40.6

51 32.8 12.5 52.5

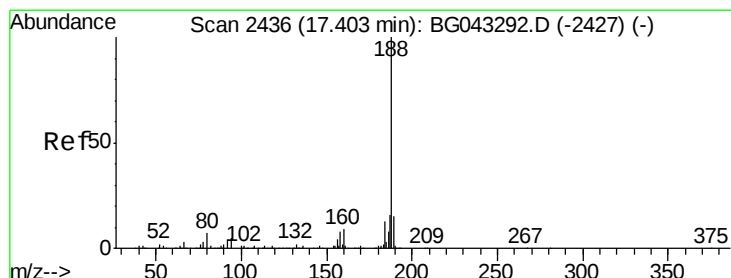
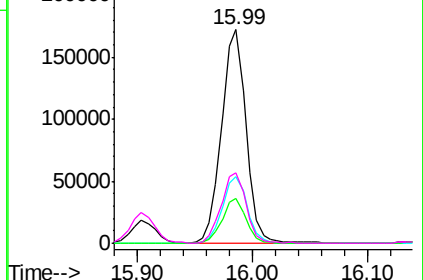
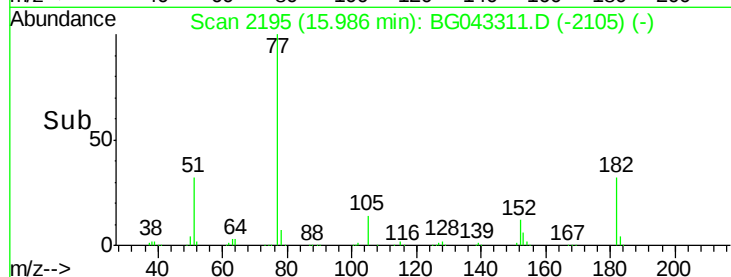


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

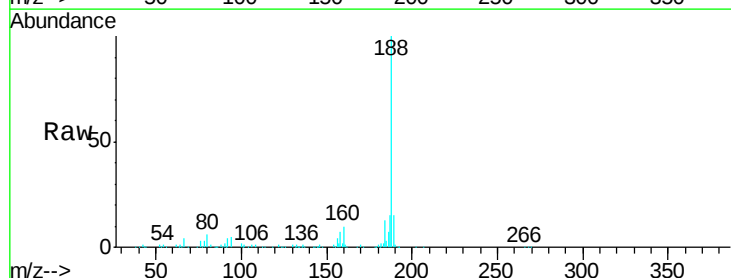
Tgt Ion: 188 Resp: 223512

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

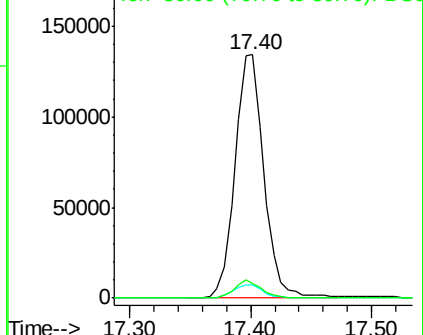
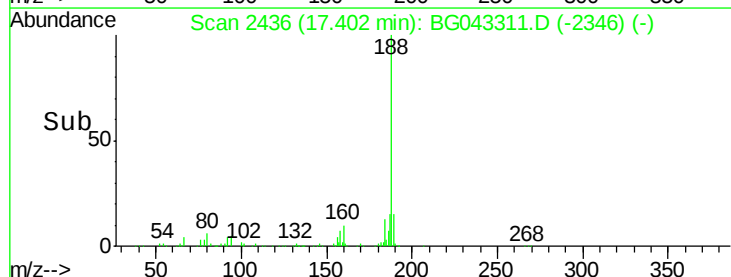
80 6.1 5.2 7.8

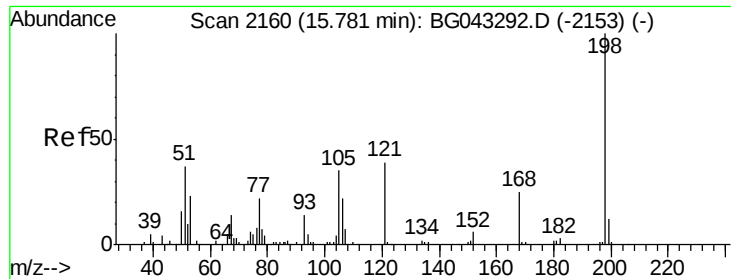


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 44.308 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

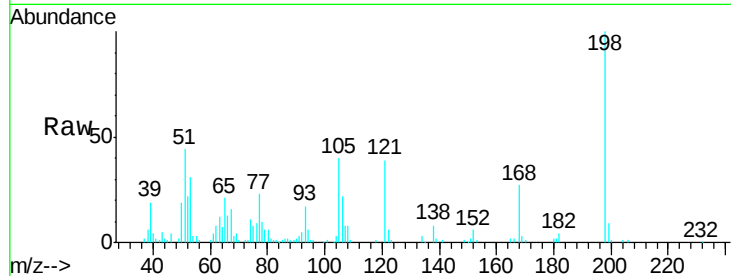
Tgt Ion:198 Resp: 58282

Ion Ratio Lower Upper

198 100

51 44.0 21.4 61.4

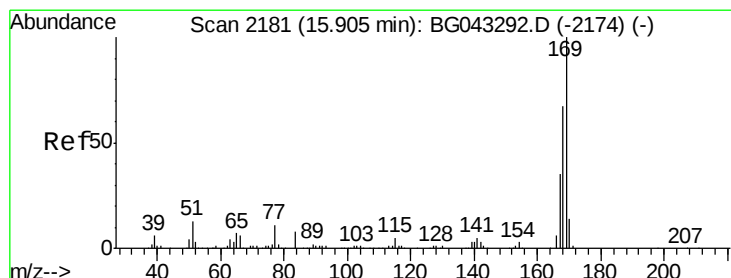
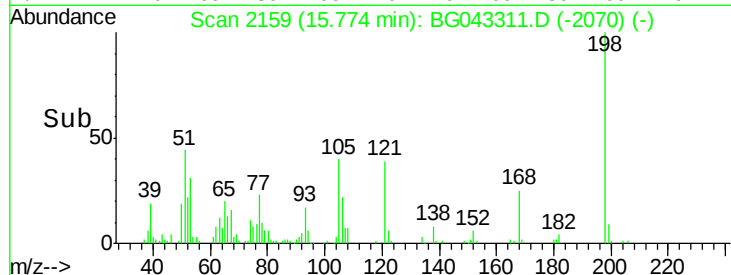
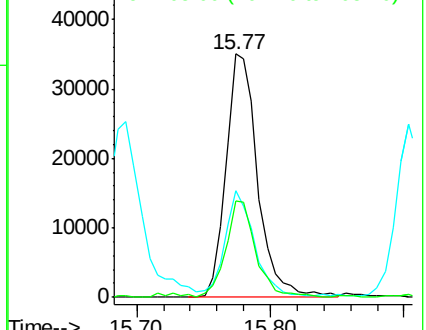
105 39.8 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.587 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

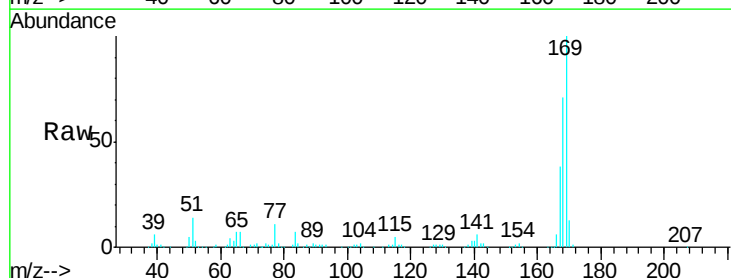
Tgt Ion:169 Resp: 268736

Ion Ratio Lower Upper

169 100

168 71.2 53.9 80.9

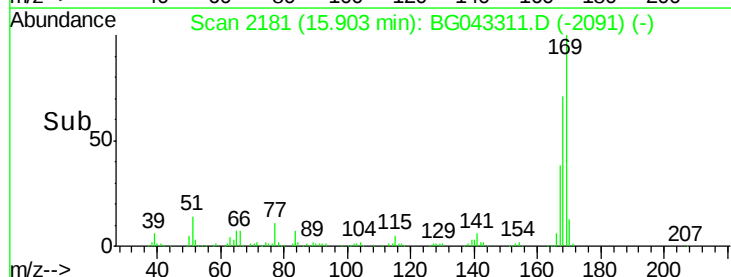
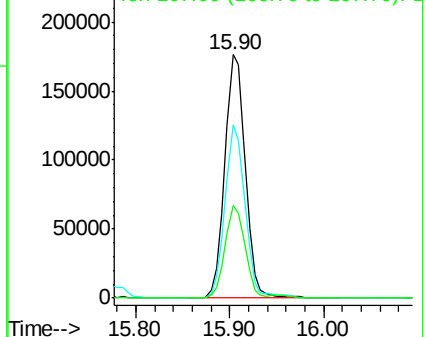
167 37.9 28.3 42.5

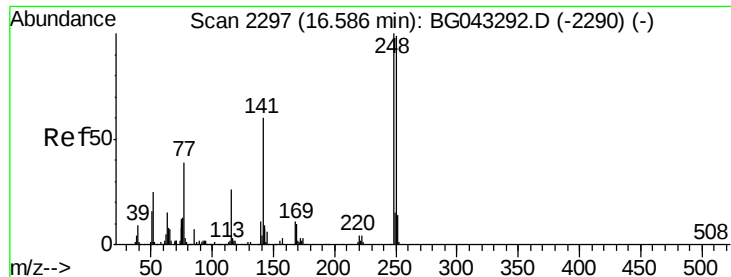


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

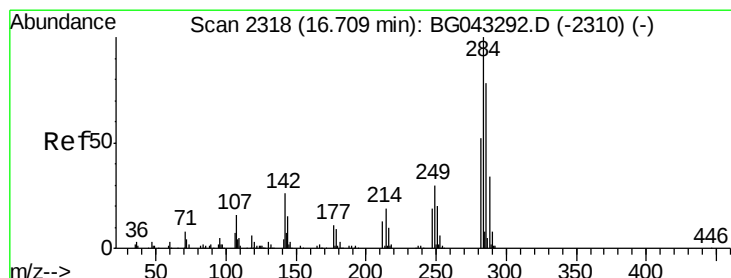
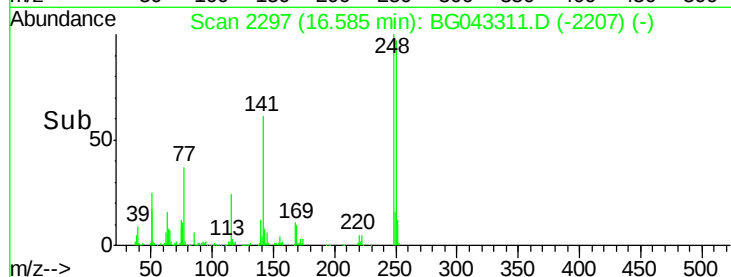
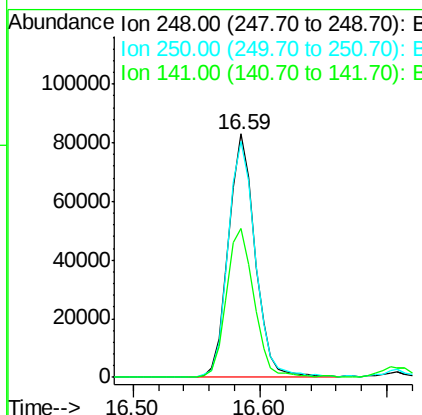
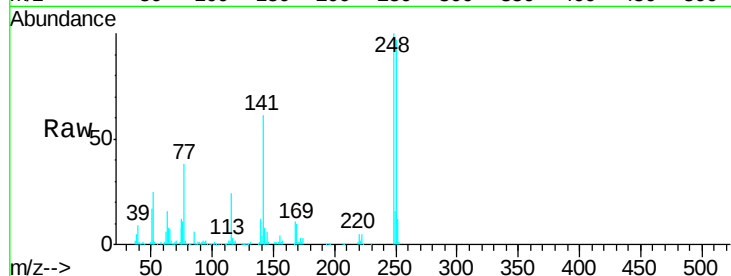




#67
4-Bromophenyl-phenylether
Concen: 40.038 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

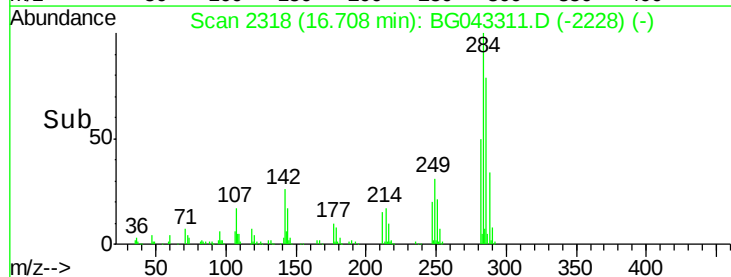
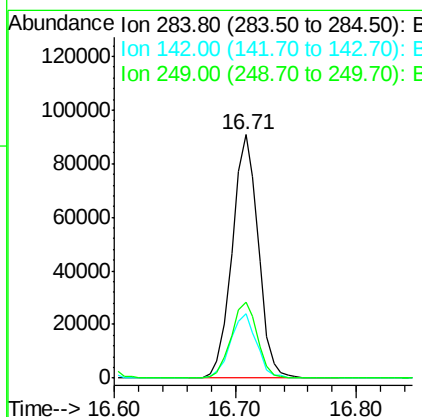
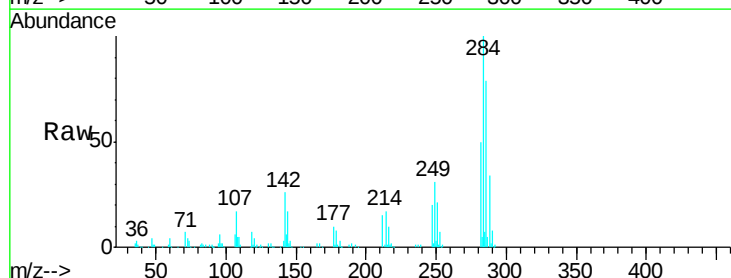
Instrument :
BNA_G
ClientSampleId :
PB124212BS

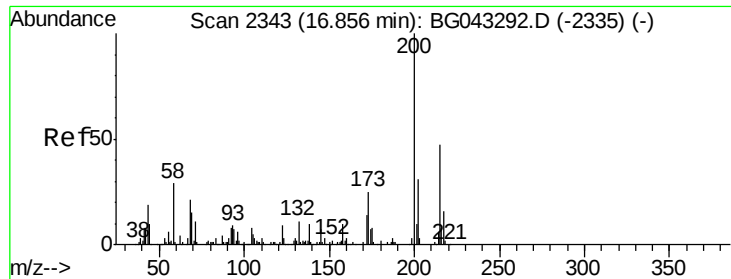
Tgt Ion:248 Resp: 120434
Ion Ratio Lower Upper
248 100
250 96.9 79.3 118.9
141 61.4 47.9 71.9



#68
Hexachlorobenzene
Concen: 39.537 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:284 Resp: 136512
Ion Ratio Lower Upper
284 100
142 26.5 21.1 31.7
249 31.4 24.4 36.6

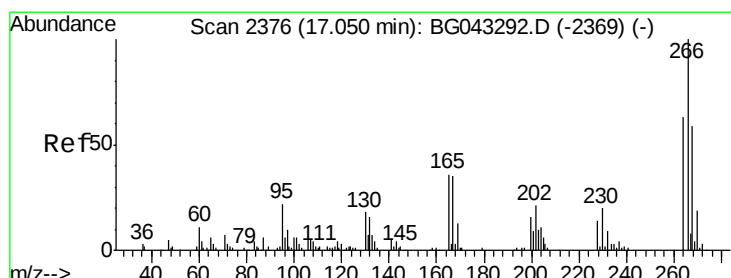
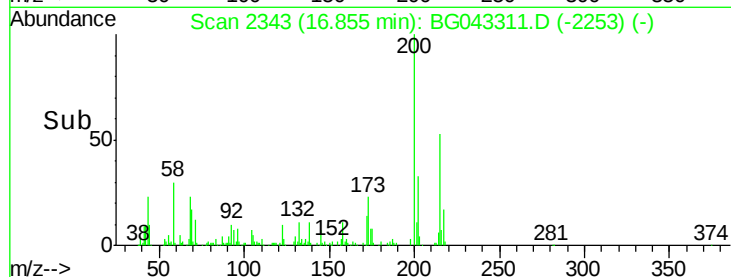
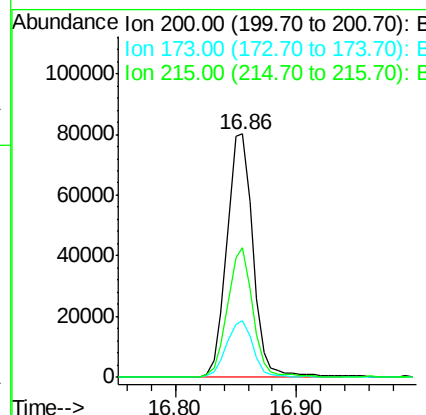
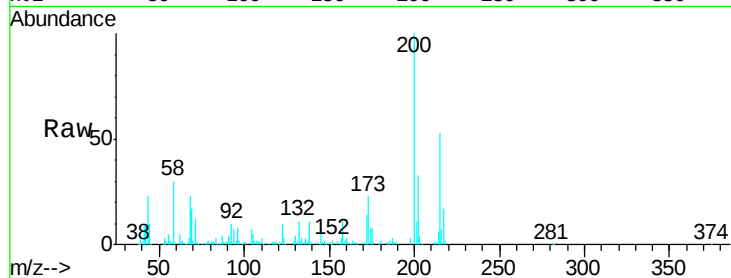




#69
Atrazine
Concen: 54.901 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

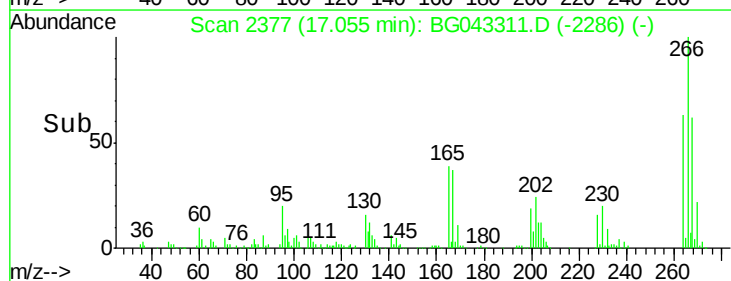
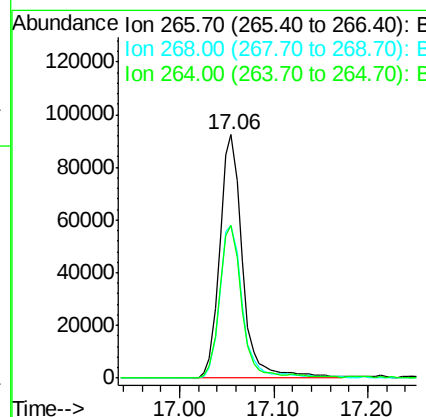
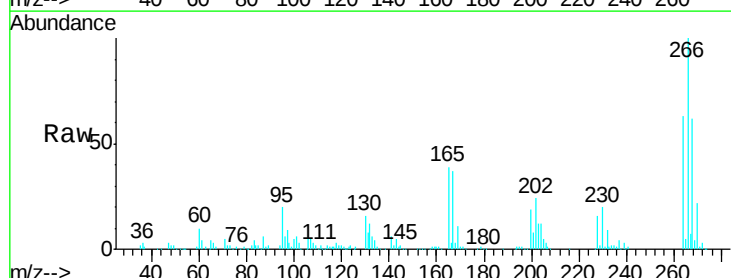
Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion:200 Resp: 120382
Ion Ratio Lower Upper
200 100
173 23.3 5.1 45.1
215 53.4 26.6 66.6



#70
Pentachlorophenol
Concen: 100.105 ng
RT: 17.06 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:266 Resp: 157495
Ion Ratio Lower Upper
266 100
268 62.5 47.1 70.7
264 62.5 50.4 75.6





#71

Phenanthrene

Concen: 42.648 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

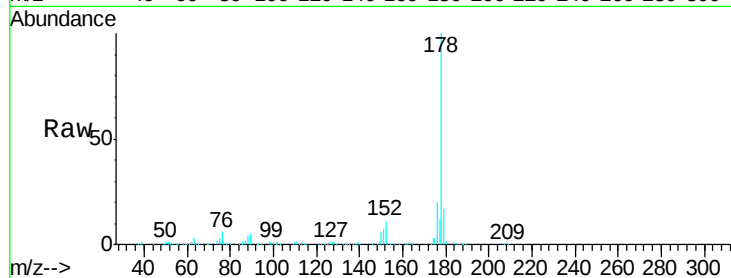
Tgt Ion:178 Resp: 488132

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

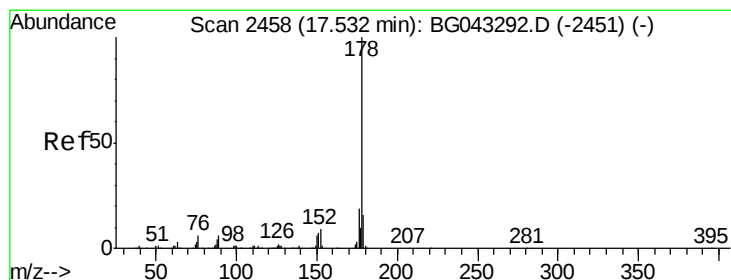
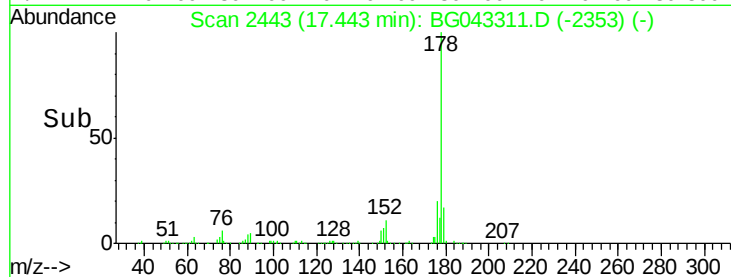
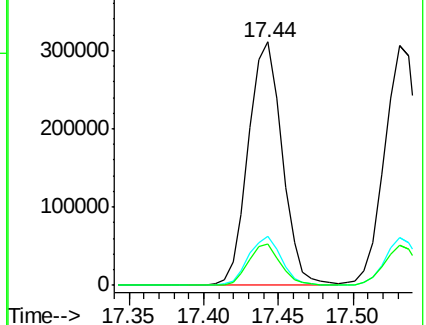
179 16.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.811 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

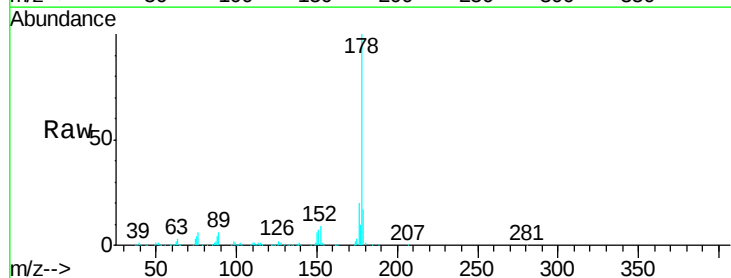
Tgt Ion:178 Resp: 501700

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

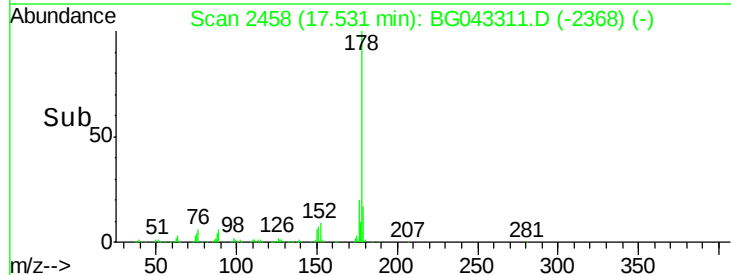
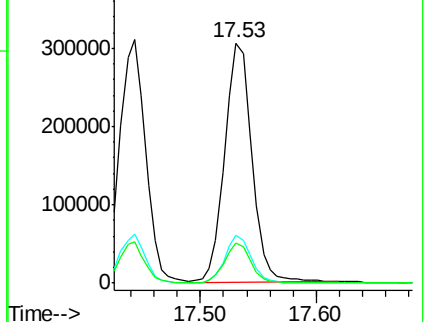
179 16.6 13.0 19.6

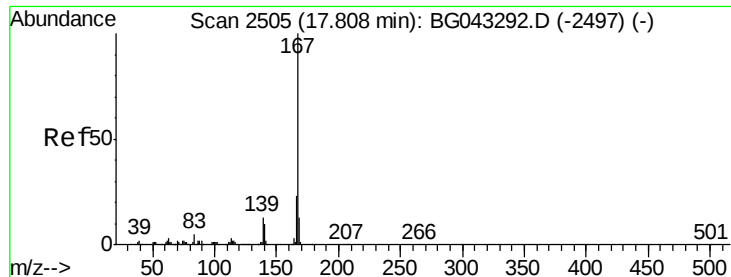


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.146 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

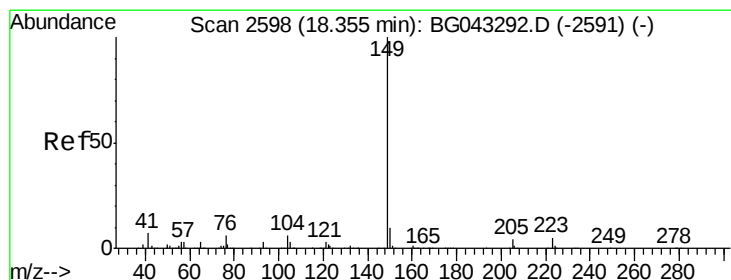
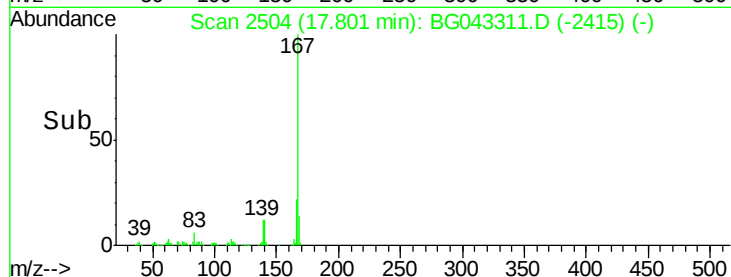
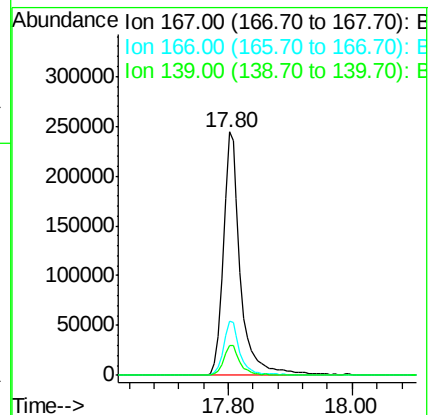
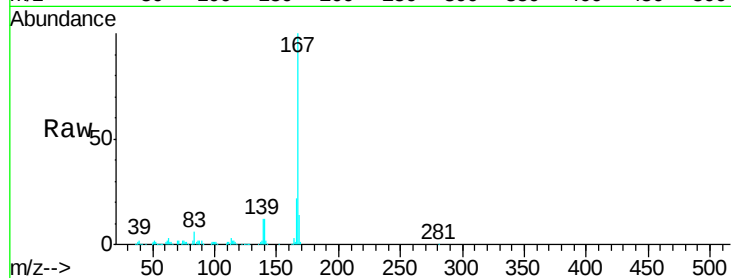
Tgt Ion:167 Resp: 468166

Ion Ratio Lower Upper

167 100

166 22.1 18.4 27.6

139 12.3 10.2 15.4



#74

Di-n-butylphthalate

Concen: 44.350 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

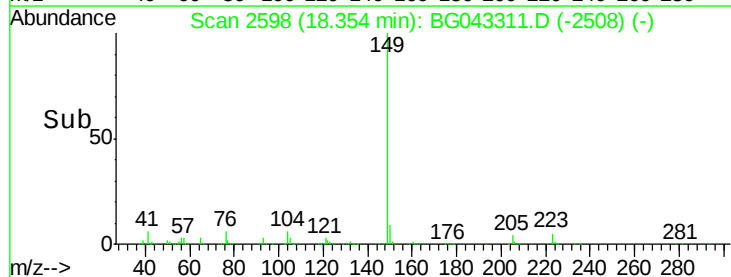
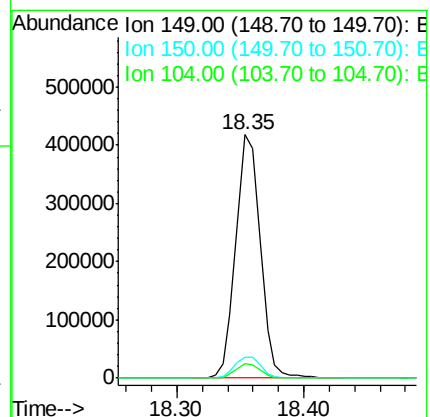
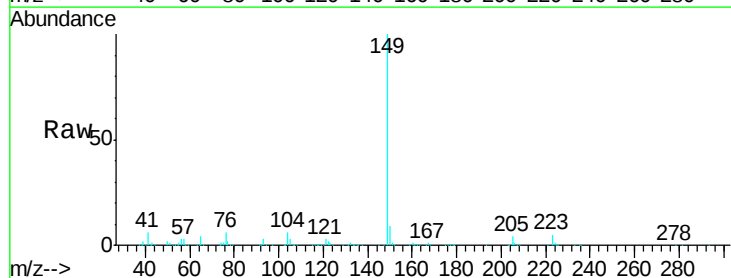
Tgt Ion:149 Resp: 558043

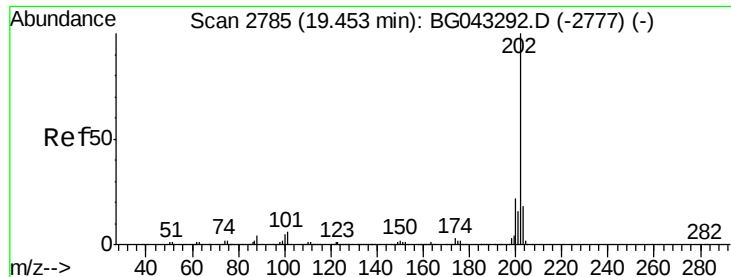
Ion Ratio Lower Upper

149 100

150 8.7 8.0 12.0

104 5.9 4.7 7.1





#75

Fluoranthene

Concen: 45.144 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

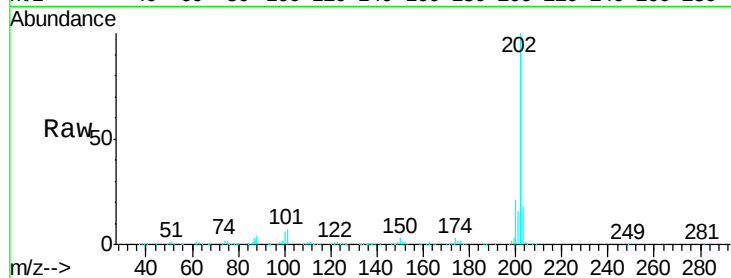
Tgt Ion:202 Resp: 673614

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.0

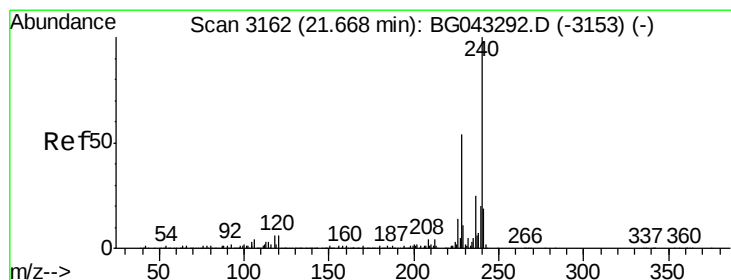
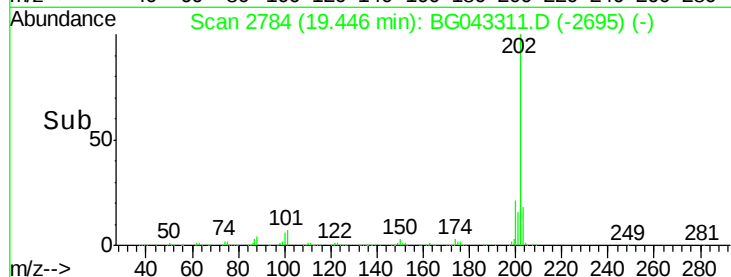
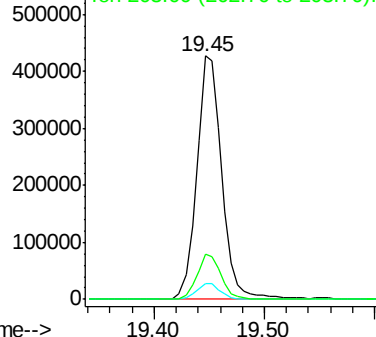
203 18.3 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

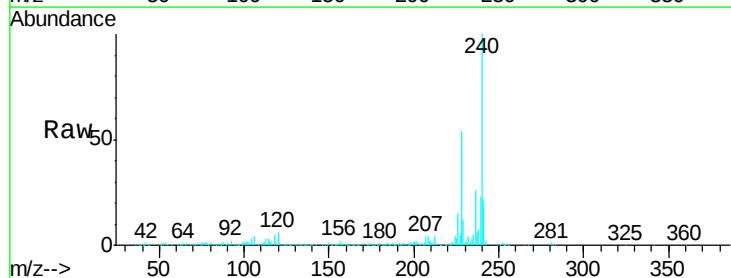
Tgt Ion:240 Resp: 264870

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

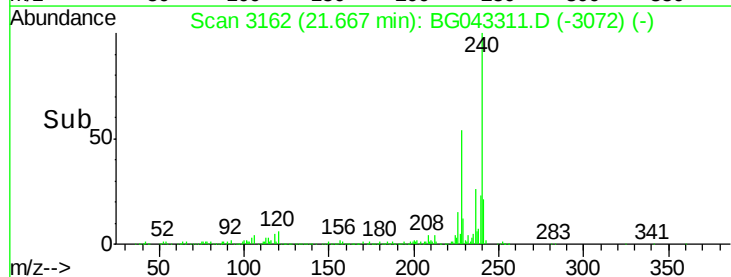
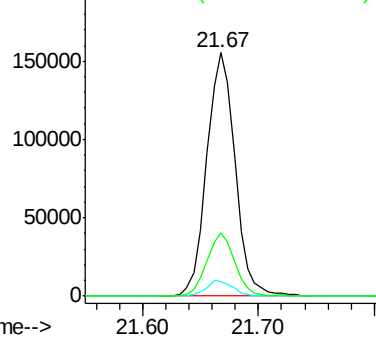
236 25.9 20.2 30.4



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: 33.227 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

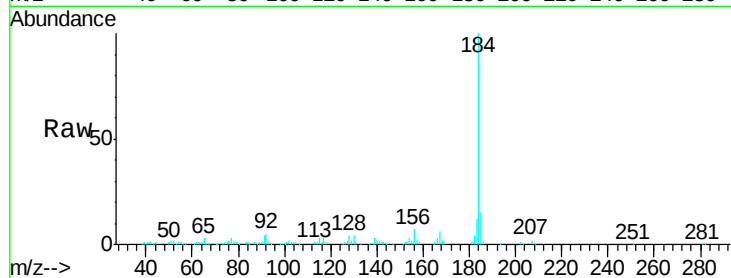
Tgt Ion:184 Resp: 177118

Ion Ratio Lower Upper

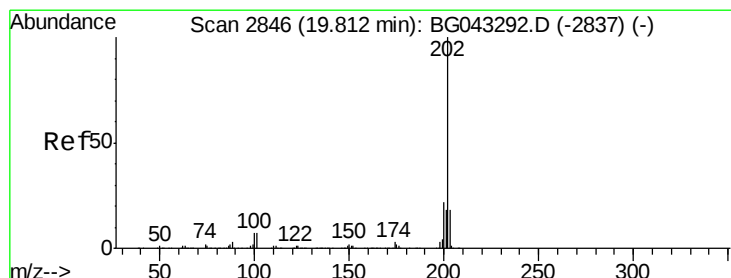
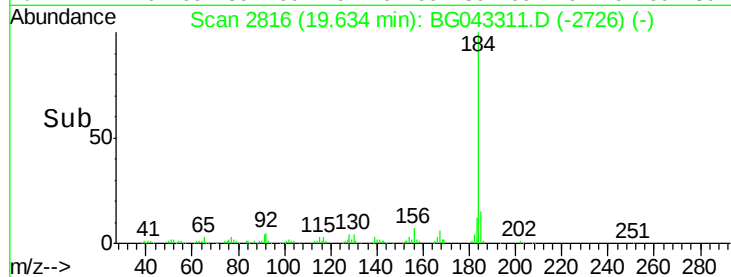
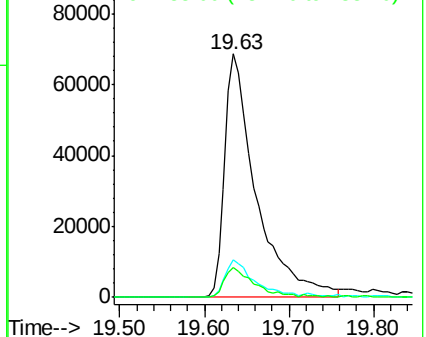
184 100

185 15.3 11.8 17.6

183 12.2 10.6 16.0



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



#78

Pyrene

Concen: 42.450 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

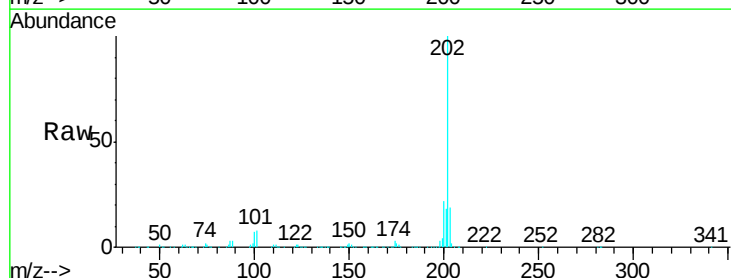
Tgt Ion:202 Resp: 695977

Ion Ratio Lower Upper

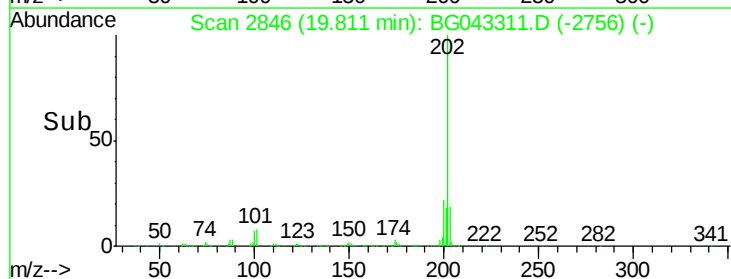
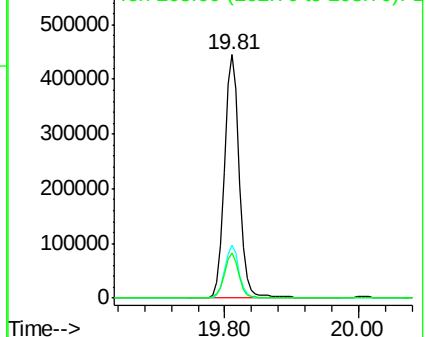
202 100

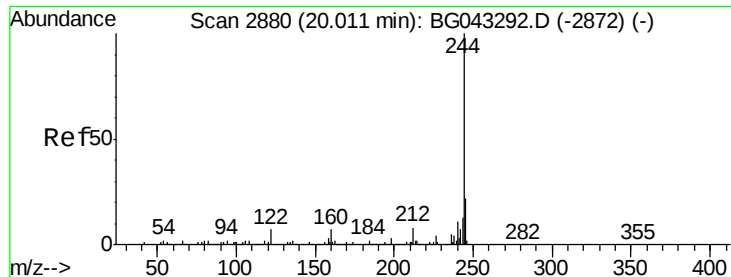
200 21.8 17.3 25.9

203 18.6 14.5 21.7



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: 65.099 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

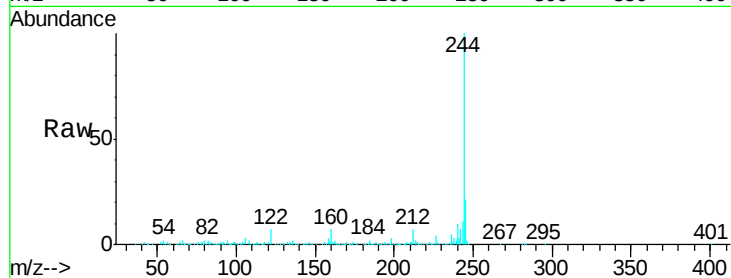
Tgt Ion:244 Resp: 919092

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

122 7.1 5.3 7.9



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

800000

600000

400000

200000

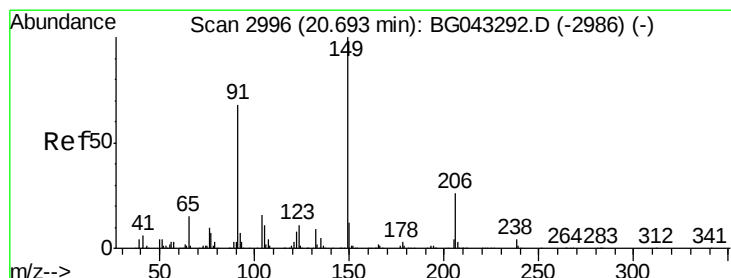
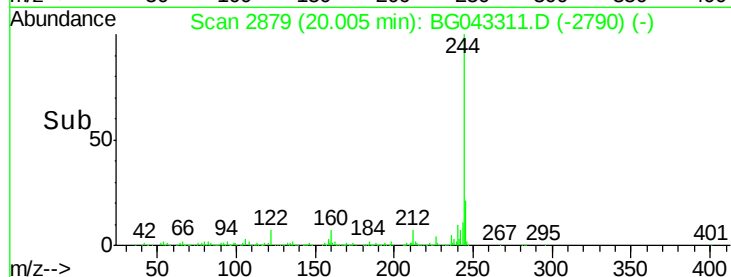
0

20.00

19.90

20.10

Time-->



#80

Butylbenzylphthalate

Concen: 41.443 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

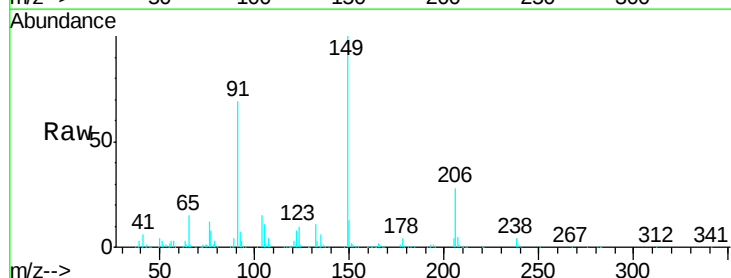
Tgt Ion:149 Resp: 257422

Ion Ratio Lower Upper

149 100

91 68.9 54.6 82.0

206 28.3 20.5 30.7



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

250000

200000

150000

100000

50000

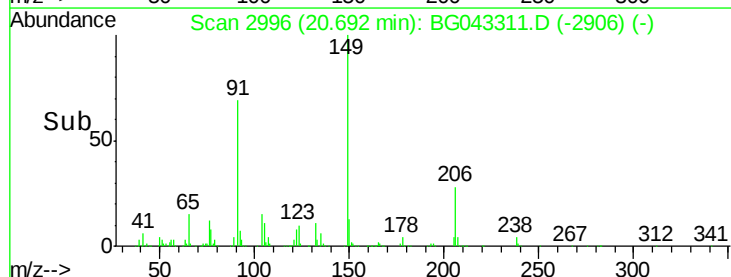
0

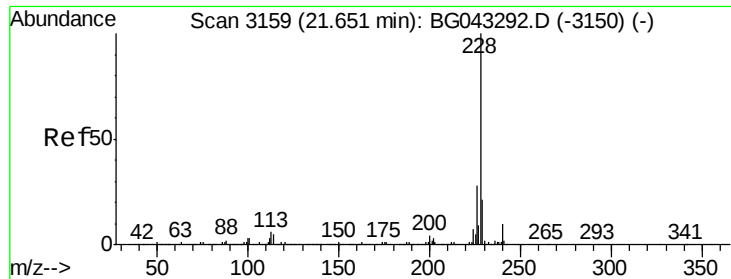
20.69

20.65

20.75

Time-->





#81

Benzo(a)anthracene

Concen: 43.448 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

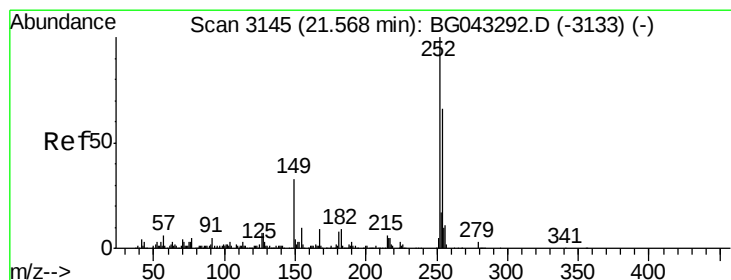
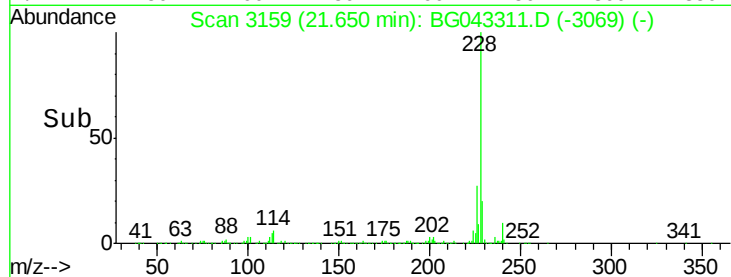
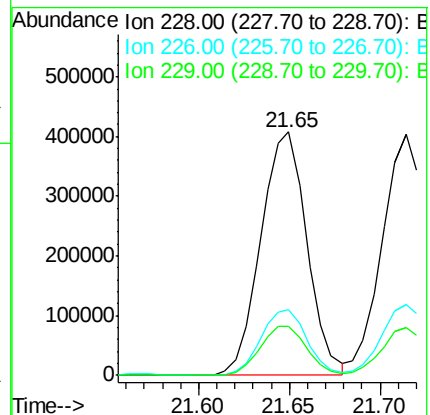
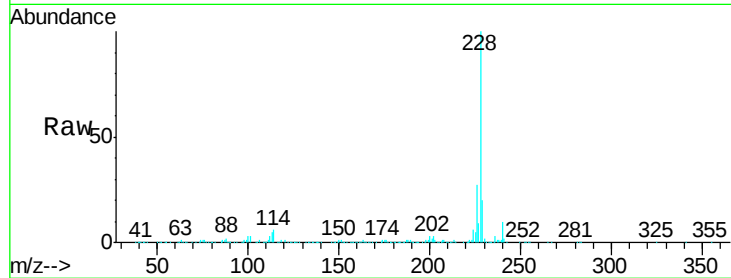
Tgt Ion:228 Resp: 720865

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.4

229 19.9 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 36.292 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

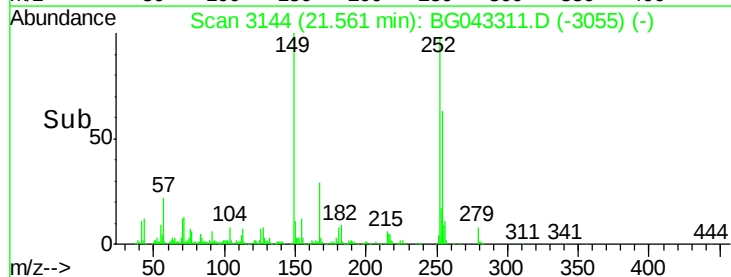
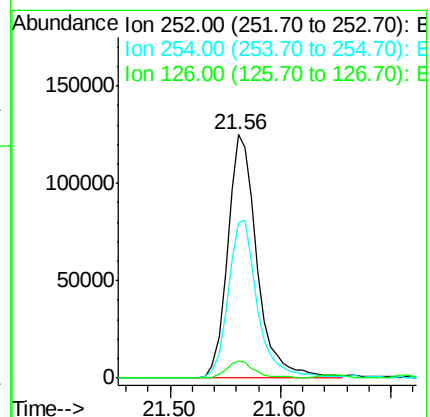
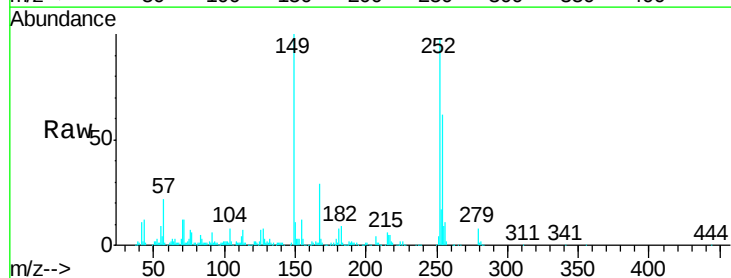
Tgt Ion:252 Resp: 232891

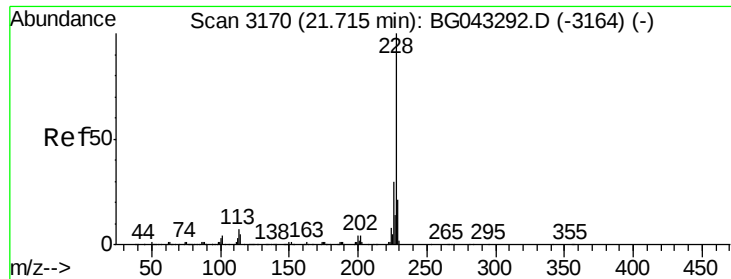
Ion Ratio Lower Upper

252 100

254 63.7 52.7 79.1

126 7.0 5.6 8.4





#83

Chrysene

Concen: 42.487 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

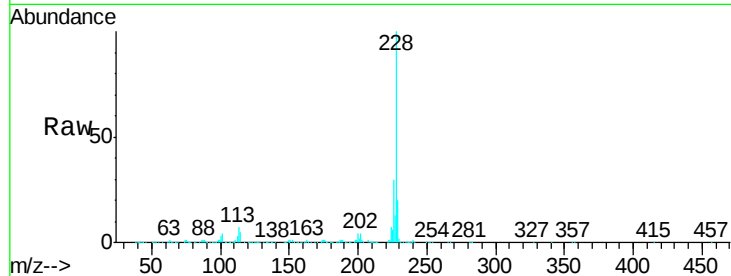
Tgt Ion:228 Resp: 700391

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

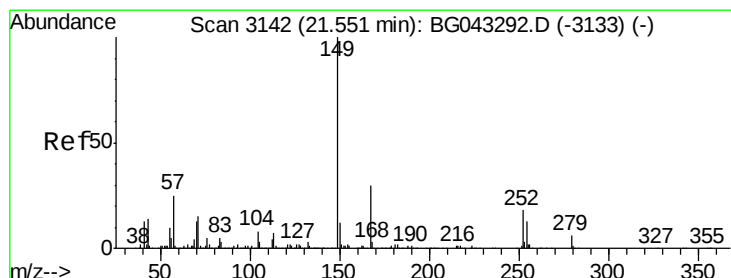
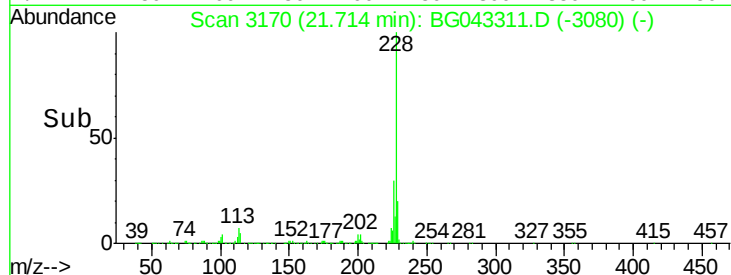
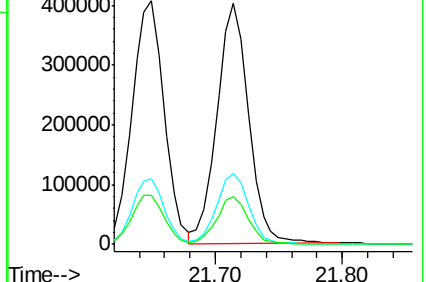
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.792 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

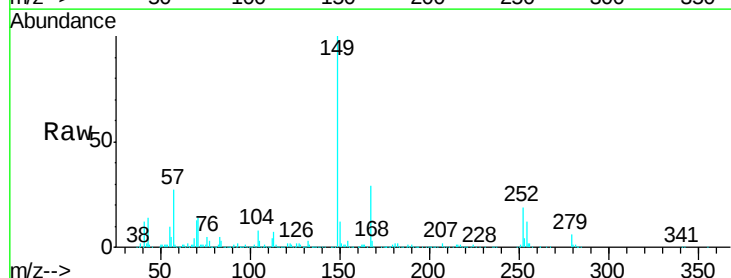
Tgt Ion:149 Resp: 377575

Ion Ratio Lower Upper

149 100

167 28.9 23.9 35.9

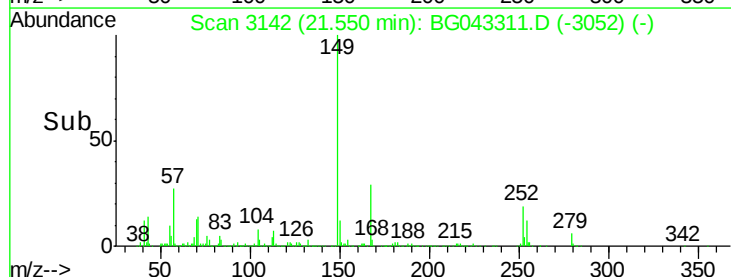
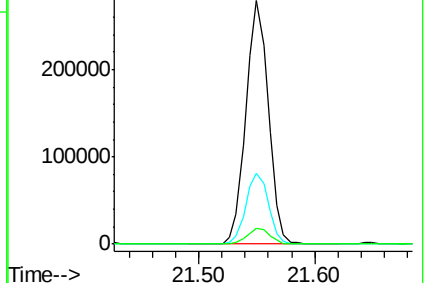
279 6.2 4.8 7.2

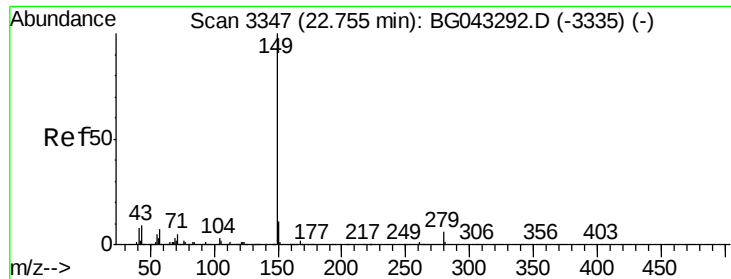


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

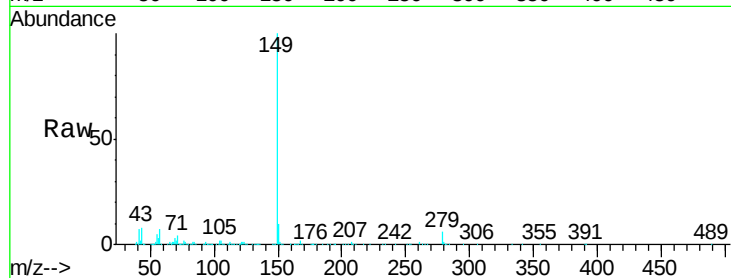




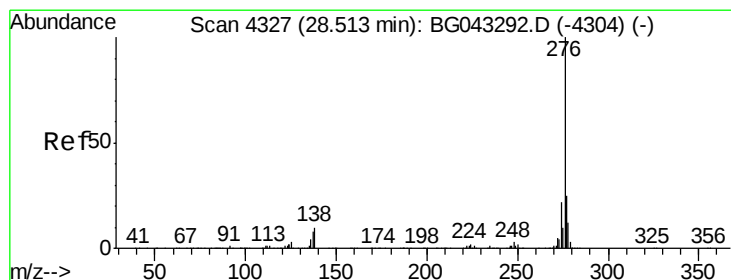
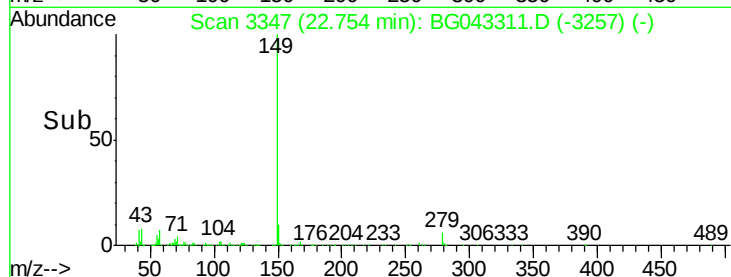
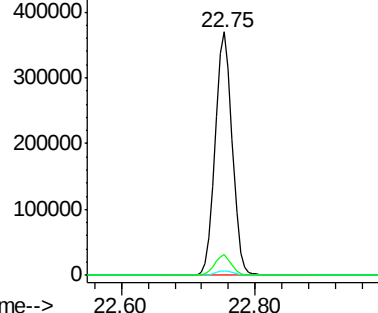
#85
Di-n-octyl phthalate
Concen: 43.513 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	6.9	10.3

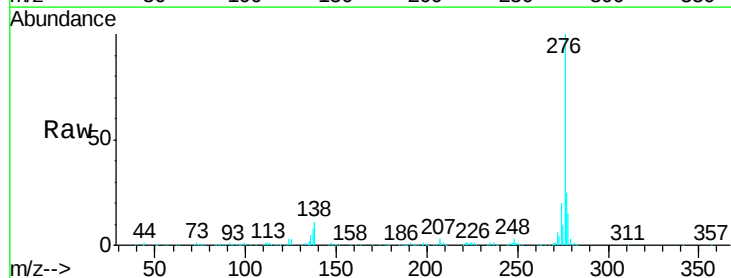


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

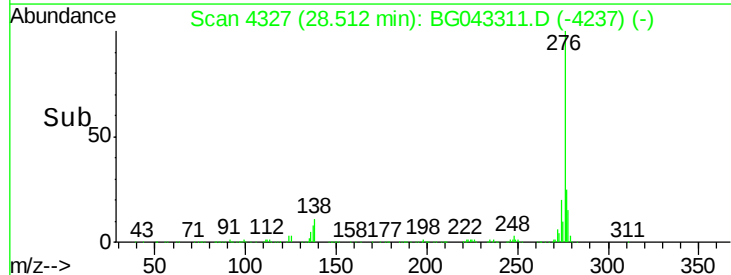
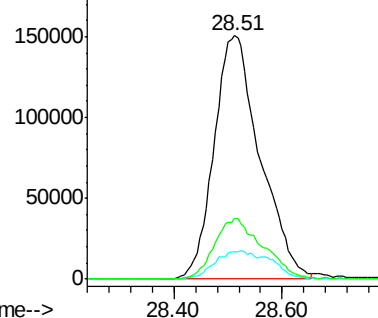


#86
Indeno(1,2,3-cd)pyrene
Concen: 42.966 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	7.2	10.8
277	26.2	20.9	31.3



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



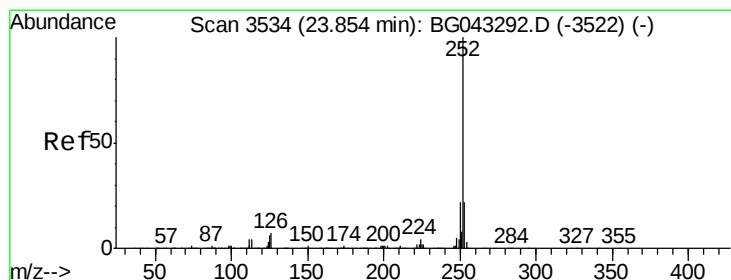
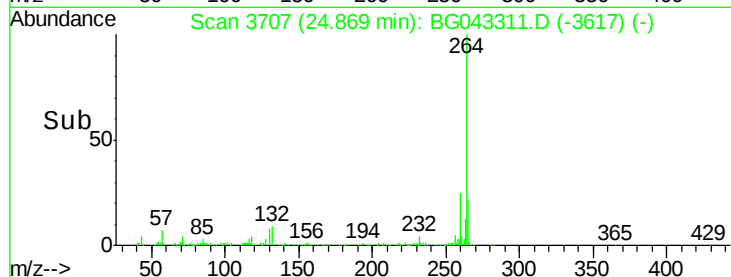
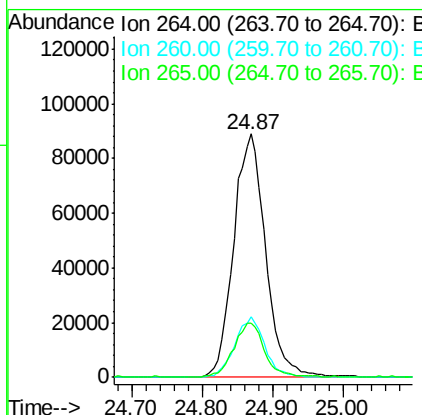
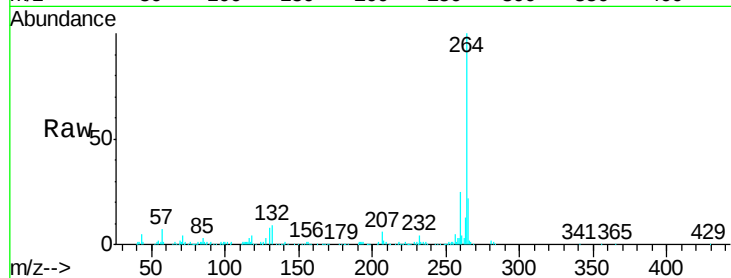


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tgt Ion: 264 Resp: 279473

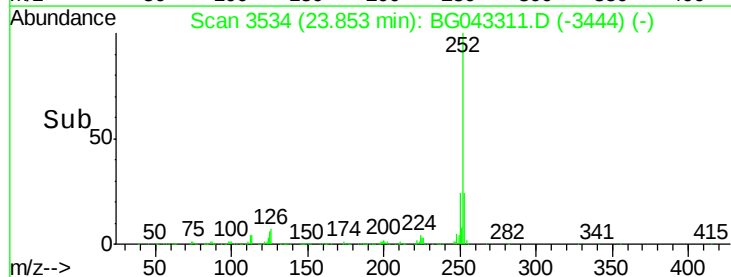
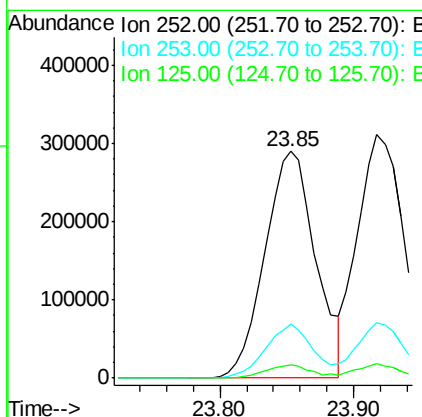
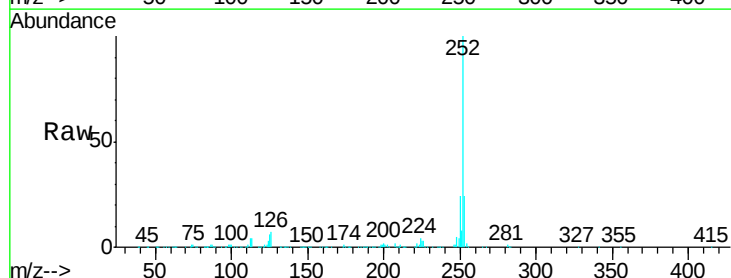
Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.9	26.9
265	22.4	17.4	26.2

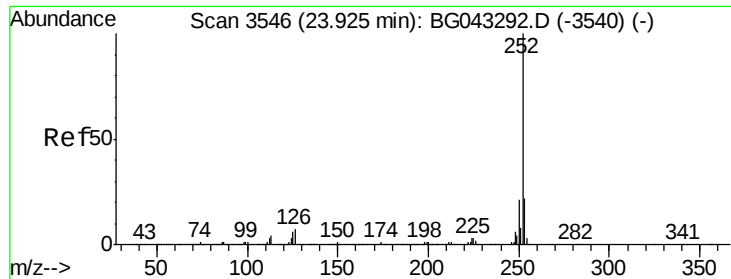


#88
Benzo(b)fluoranthene
Concen: 48.407 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion: 252 Resp: 766215

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	6.1	5.0	7.6

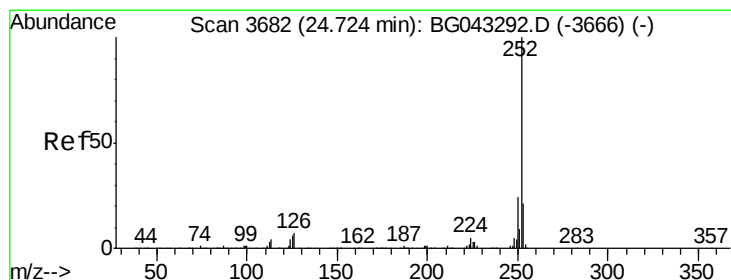
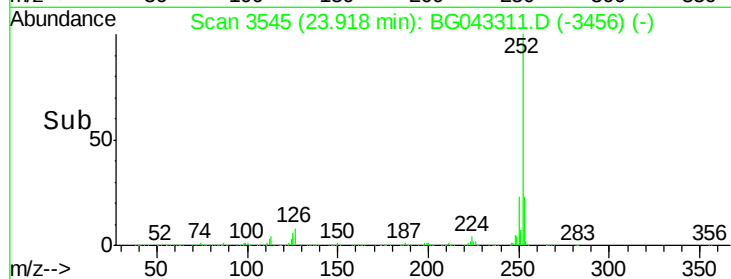
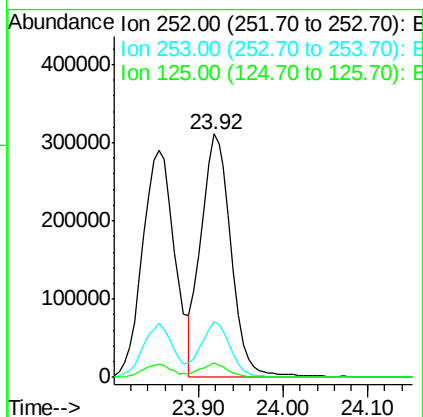
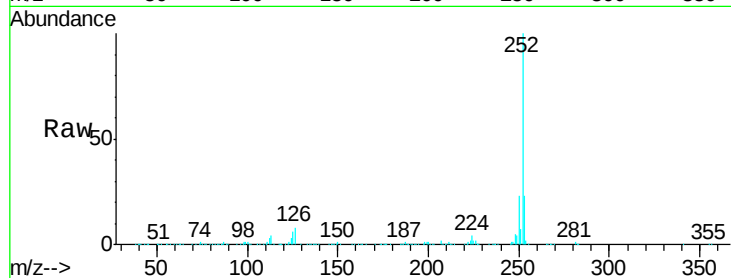




#89
Benzo(k)fluoranthene
Concen: 47.885 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

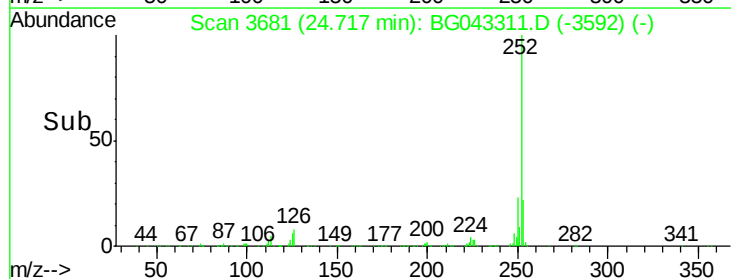
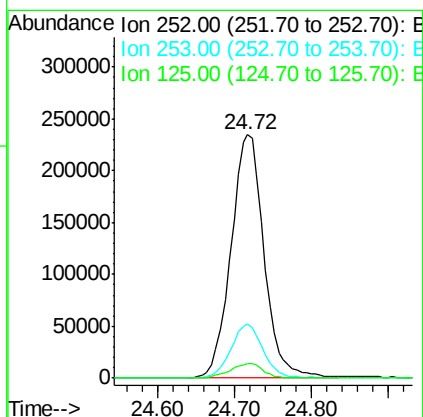
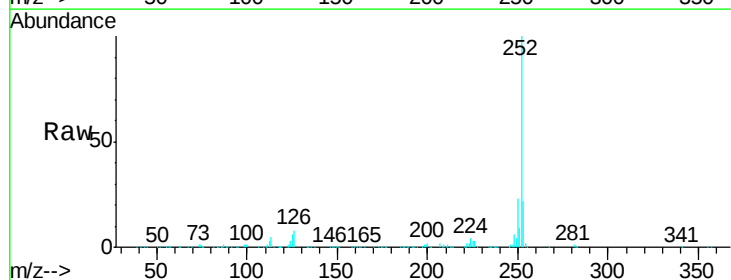
Instrument :
BNA_G
ClientSampleId :
PB124212BS

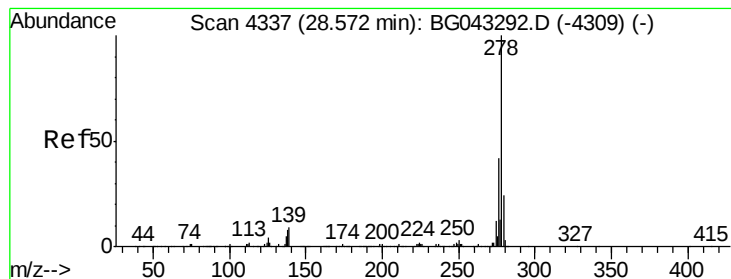
Tgt Ion:252 Resp: 763030
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 5.8 4.5 6.7



#90
Benzo(a)pyrene
Concen: 46.355 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:252 Resp: 700653
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 6.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 49.143 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

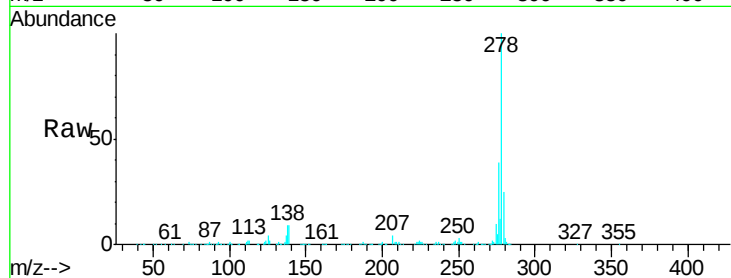
BNA_G

ClientSampleId :

PB124212BS

Tgt Ion: 278 Resp: 759777

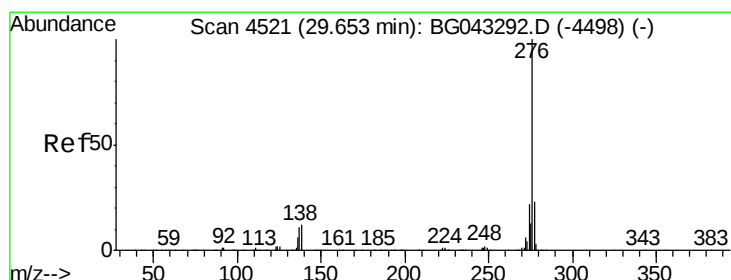
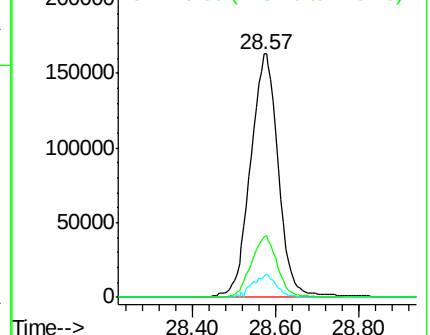
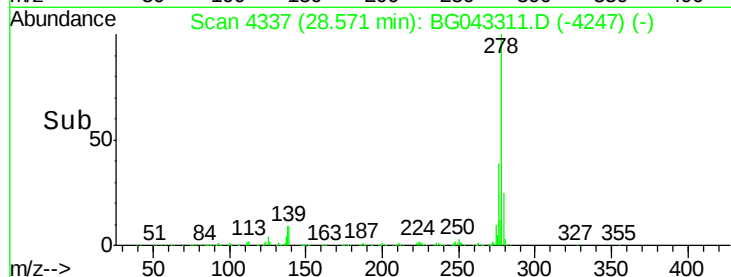
Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.8	10.2
279	24.9	19.0	28.6



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: 49.717 ng

RT: 29.65 min Scan# 4520

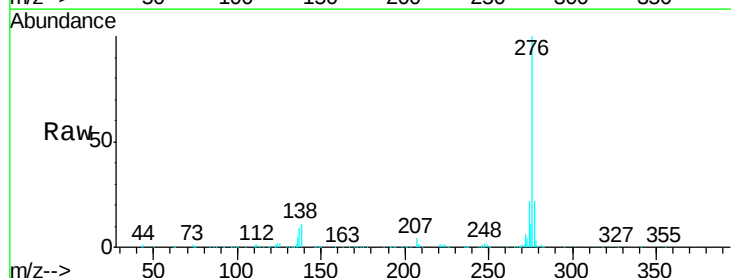
Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion: 276 Resp: 758199

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.3	27.5
138	10.7	9.3	13.9



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

