

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043750.D
 Acq On : 22 Nov 2019 20:33
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 01:00:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	59510	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271652	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	202973	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	505799	20.00	ng	0.00
76) Chrysene-d12	21.67	240	534031	20.00	ng	0.00
87) Perylene-d12	24.84	264	456302	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	271415	81.99	ng	0.00
7) Phenol-d6	7.18	99	411811	85.58	ng	0.00
23) Nitrobenzene-d5	9.18	82	423210	85.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	204212	83.41	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1021551	82.73	ng	0.00
79) Terphenyl-d14	20.01	244	1979097	83.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	57750	39.347	ng	98
3) Pyridine	3.92	79	186483	45.124	ng	99
4) n-Nitrosodimethylamine	3.83	42	91839	44.736	ng	# 95
6) Aniline	7.35	93	269932	43.046	ng	98
8) 2-Chlorophenol	7.59	128	157319	41.669	ng	95
9) Benzaldehyde	7.16	77	134991	46.965	ng	99
10) Phenol	7.21	94	213180	43.155	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	175644	42.604	ng	99
12) 1,3-Dichlorobenzene	7.92	146	184812	41.583	ng	99
13) 1,4-Dichlorobenzene	8.07	146	183824	40.835	ng	99
14) 1,2-Dichlorobenzene	8.39	146	178931	42.009	ng	97
15) Benzyl Alcohol	8.26	79	175298	43.615	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	299267	42.209	ng	99
17) 2-Methylphenol	8.46	107	147636	41.802	ng	96
18) Hexachloroethane	9.12	117	66800	39.309	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	165724	43.795	ng	95
20) 3+4-Methylphenols	8.79	107	216229	43.885	ng	98
22) Acetophenone	8.84	105	295576	41.052	ng	98
24) Nitrobenzene	9.23	77	212199	41.784	ng	98
25) Isophorone	9.75	82	443084	41.824	ng	100
26) 2-Nitrophenol	9.94	139	81876	44.686	ng	98
27) 2,4-Dimethylphenol	10.00	122	147235	40.924	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	267644	40.990	ng	98
29) 2,4-Dichlorophenol	10.47	162	181783	41.562	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	206469	40.284	ng	99
31) Naphthalene	10.88	128	549317	40.764	ng	100
32) Benzoic acid	10.12	122	116393	44.861	ng	96
33) 4-Chloroaniline	10.98	127	267771	41.244	ng	99
34) Hexachlorobutadiene	11.18	225	136586	40.526	ng	97
35) Caprolactam	11.74	113	77138	43.373	ng	99
36) 4-Chloro-3-methylphenol	12.09	107	206328	41.977	ng	97
37) 2-Methylnaphthalene	12.49	142	431045	42.446	ng	99
38) 1-Methylnaphthalene	12.71	142	406867	42.216	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	258701	40.056	ng	99

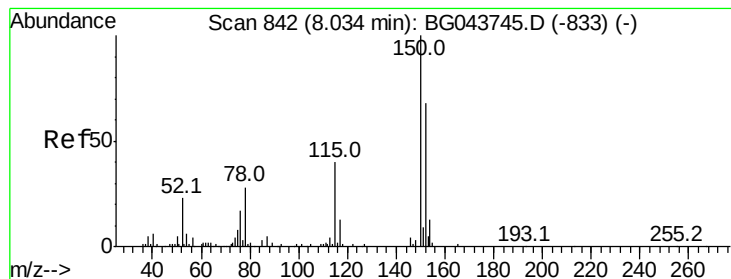
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043750.D
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 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	127550	36.553	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	173152	41.685	ng	98
44) 2,4,5-Trichlorophenol	13.15	196	179370	41.508	ng	98
46) 1,1'-Biphenyl	13.49	154	567795	40.357	ng	99
47) 2-Chloronaphthalene	13.53	162	464374	40.473	ng	99
48) 2-Nitroaniline	13.72	65	146974	43.755	ng	98
49) Acenaphthylene	14.37	152	734310	40.678	ng	98
50) Dimethylphthalate	14.11	163	648304	40.320	ng	99
51) 2,6-Dinitrotoluene	14.22	165	133475	44.701	ng	98
52) Acenaphthene	14.72	154	466216	40.386	ng	99
53) 3-Nitroaniline	14.54	138	148246	42.506	ng	97
54) 2,4-Dinitrophenol	14.74	184	53183	43.594	ng	88
55) Dibenzofuran	15.06	168	728613	40.514	ng	99
56) 4-Nitrophenol	14.84	139	123491	42.037	ng	99
57) 2,4-Dinitrotoluene	15.00	165	185547	44.807	ng	98
58) Fluorene	15.70	166	596799	40.465	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	178915	41.222	ng	97
60) Diethylphthalate	15.48	149	655462	38.952	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	328956	40.511	ng	98
62) 4-Nitroaniline	15.71	138	164804	41.209	ng	98
63) Azobenzene	15.99	77	601133	39.722	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	79345	43.863	ng	99
66) n-Nitrosodiphenylamine	15.91	169	549156	41.007	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	223031	41.814	ng	97
68) Hexachlorobenzene	16.71	284	239499	41.072	ng	99
69) Atrazine	16.86	200	216370	40.314	ng	97
70) Pentachlorophenol	17.05	266	155629	43.738	ng	97
71) Phenanthrene	17.44	178	1029152	41.121	ng	100
72) Anthracene	17.53	178	1033967	40.898	ng	99
73) Carbazole	17.79	167	988066	39.051	ng	99
74) Di-n-butylphthalate	18.37	149	1231378	38.410	ng	99
75) Fluoranthene	19.44	202	1370658	38.179	ng	99
77) Benzidine	19.62	184	583672	37.416	ng	98
78) Pyrene	19.81	202	1401380	40.660	ng	99
80) Butylbenzylphthalate	20.71	149	664387	42.316	ng	99
81) Benzo(a)anthracene	21.65	228	1436690	40.242	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	479617	35.824	ng	99
83) Chrysene	21.71	228	1358365	40.209	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	833815	37.744	ng	99
85) Di-n-octyl phthalate	22.80	149	1188965	33.181	ng	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1277807	32.517	ng	97
88) Benzo(b)fluoranthene	23.84	252	1138211	41.778	ng	97
89) Benzo(k)fluoranthene	23.91	252	1070621	40.946	ng	99
90) Benzo(a)pyrene	24.70	252	1034988	40.401	ng	99
91) Dibenzo(a,h)anthracene	28.53	278	1027371	41.345	ng	97
92) Benzo(g,h,i)perylene	29.58	276	1022033	41.707	ng	97

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

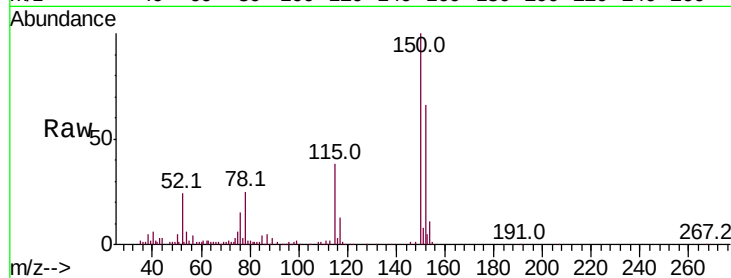


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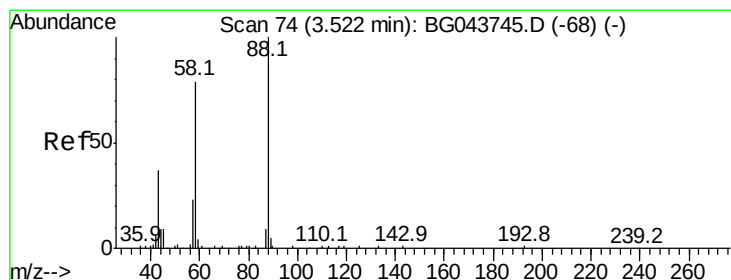
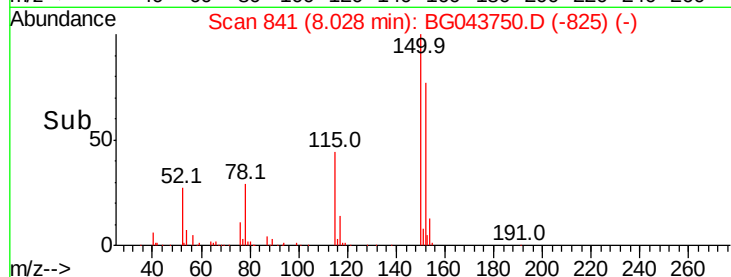
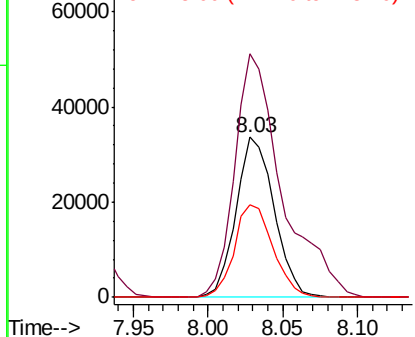
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	117.8	176.8
115	57.7	47.0	70.4



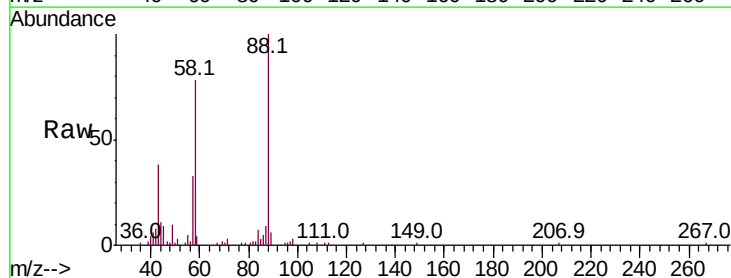
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



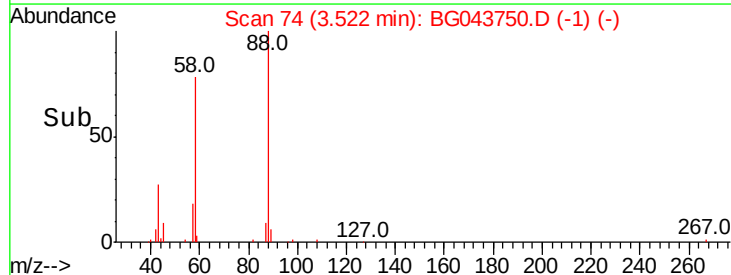
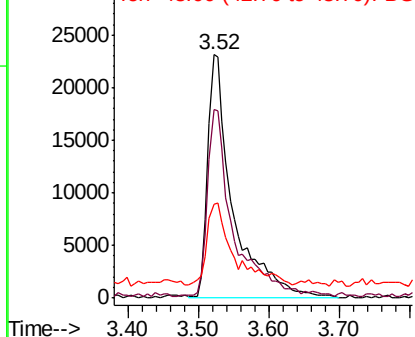
#2

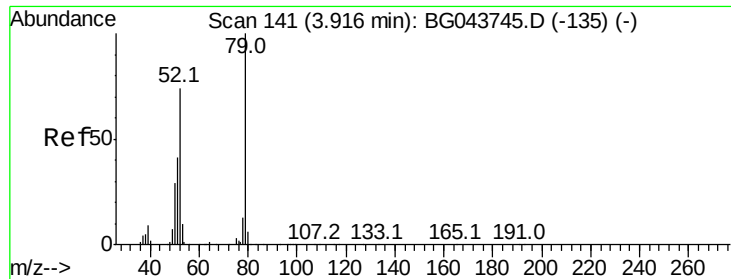
1,4-Dioxane
Concen: 39.347 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.4	62.3	93.5
43	33.2	28.9	43.3



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





#3

Pvridine

Concen: 45.124 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

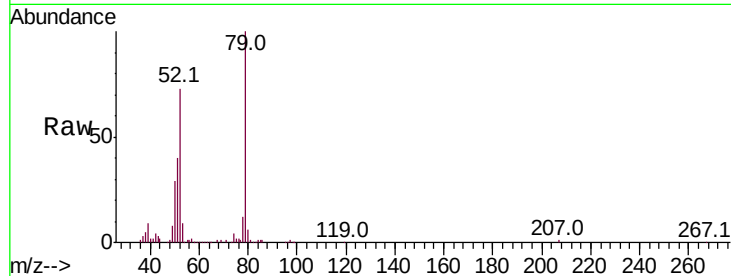
Tot Ion: 79 Resp: 186483

Ion Ratio Lower Upper

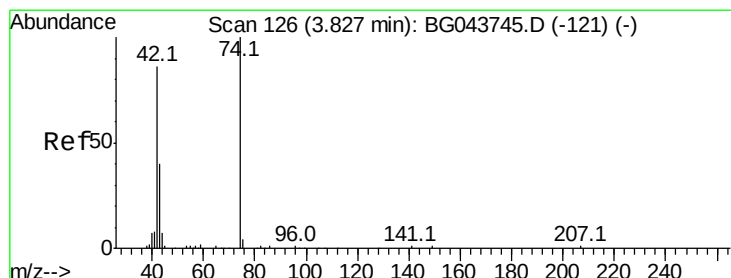
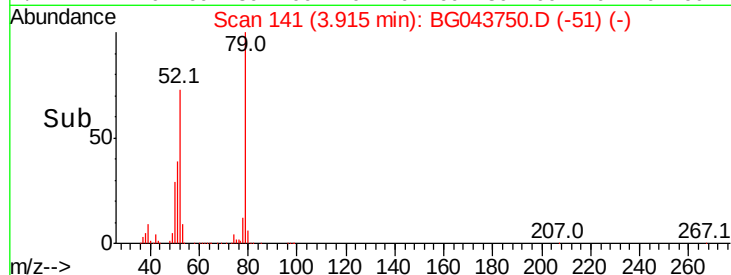
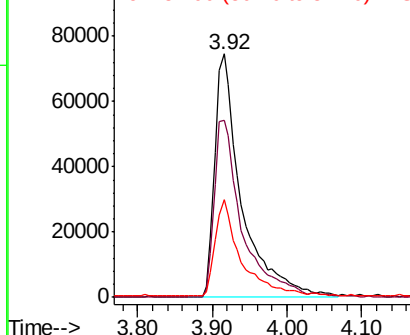
79 100

52 72.8 59.0 88.6

51 39.9 32.9 49.3



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



#4

n-Nitrosodimethylamine

Concen: 44.736 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

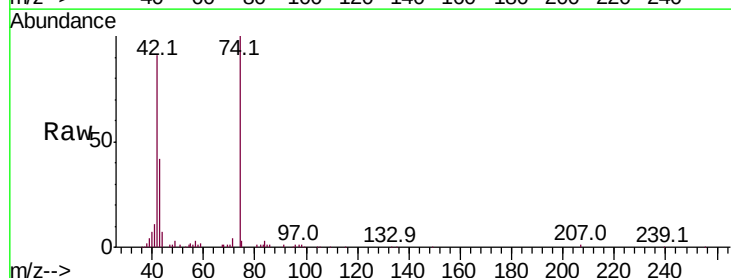
Tgt Ion: 42 Resp: 91839

Ion Ratio Lower Upper

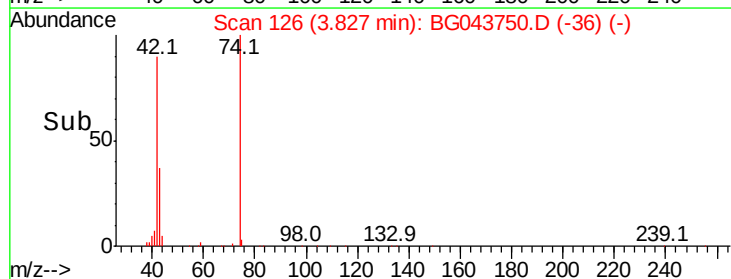
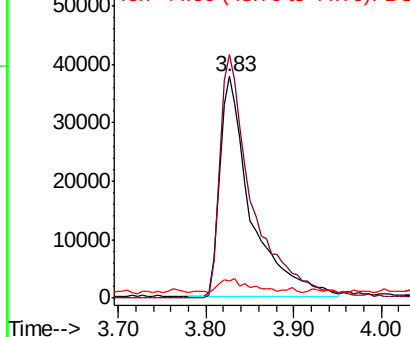
42 100

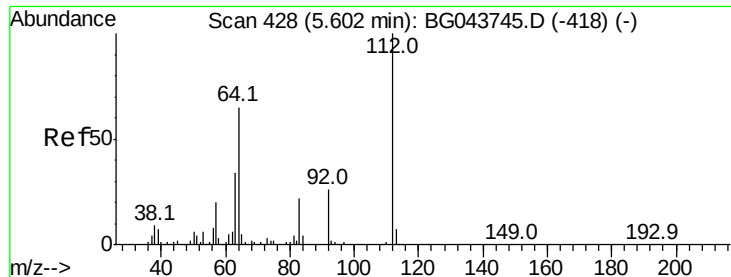
74 110.0 91.9 137.9

44 8.0 9.1 13.7#



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





#5

2-Fluorophenol

Concen: 81.994 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

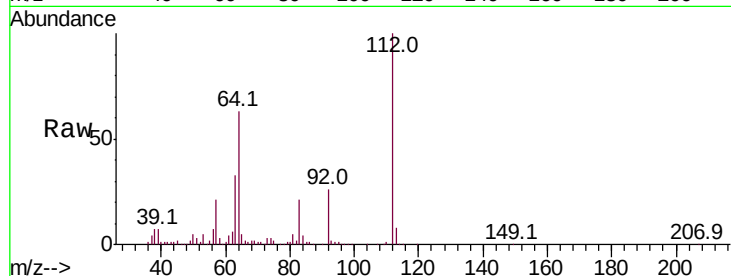
Tot Ion:112 Resp: 271415

Ion Ratio Lower Upper

112 100

64 63.3 51.7 77.5

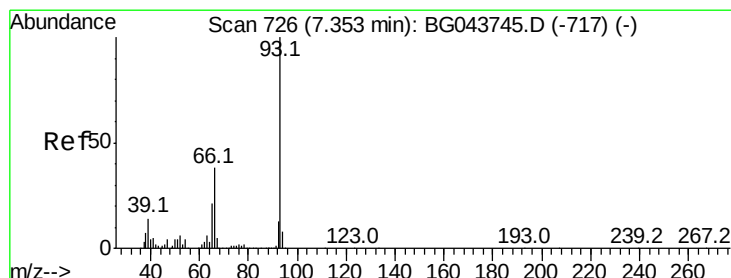
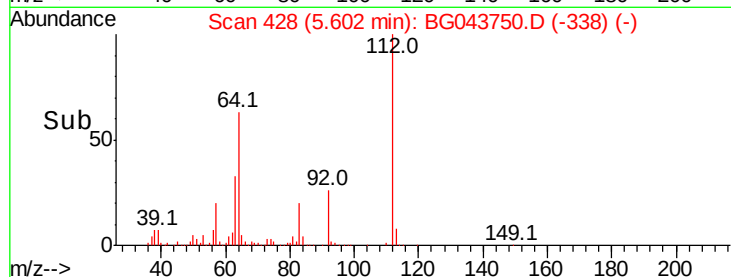
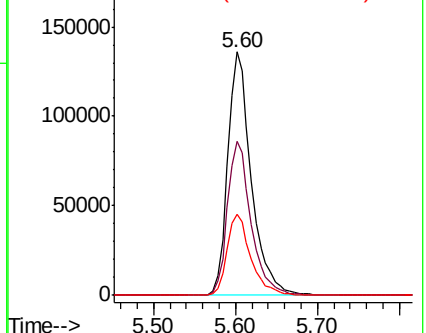
63 33.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.046 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

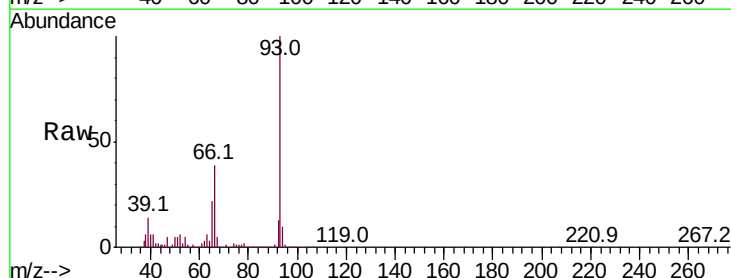
Tgt Ion: 93 Resp: 269932

Ion Ratio Lower Upper

93 100

66 39.4 30.6 46.0

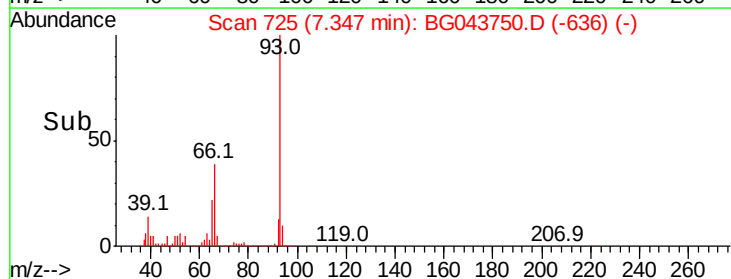
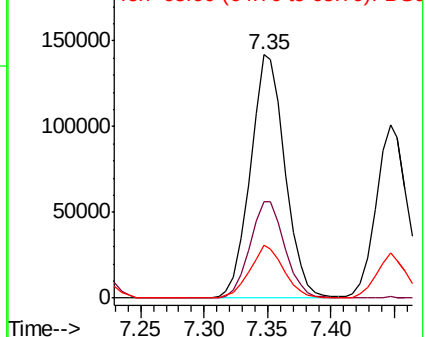
65 21.6 16.8 25.2

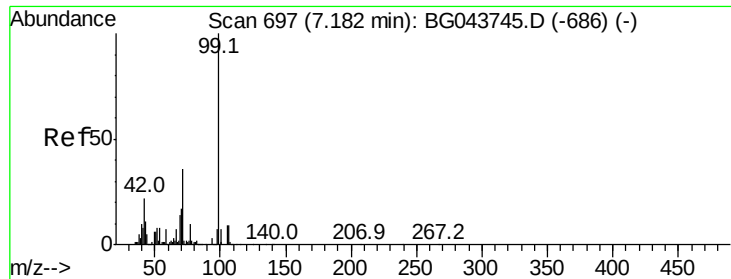


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.581 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

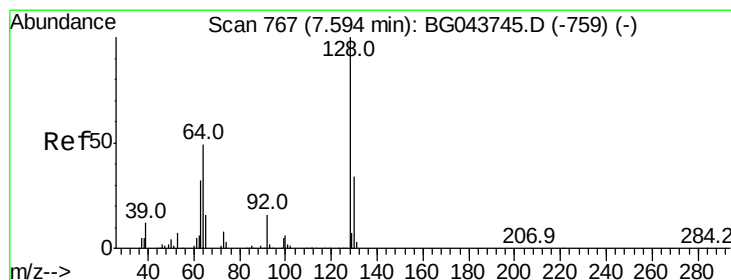
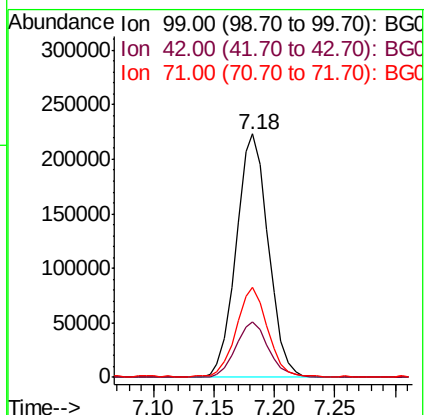
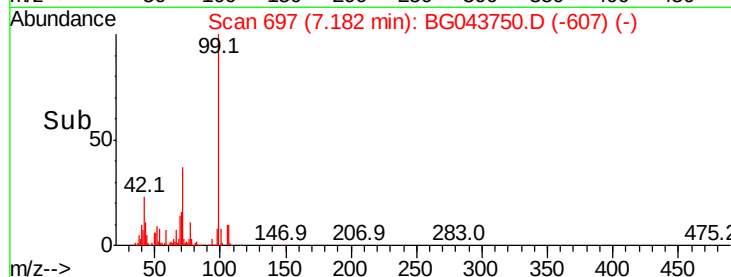
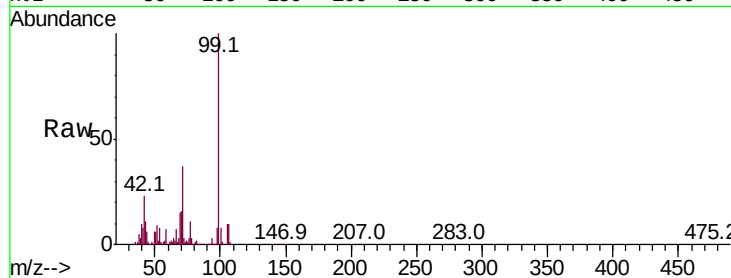
Tot Ion: 99 Resp: 411811

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.0

71 37.1 29.5 44.3



#8

2-Chlorophenol

Concen: 41.669 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

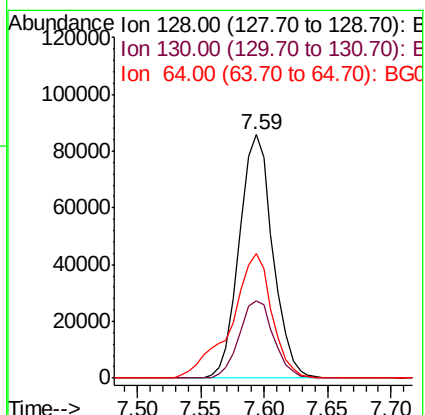
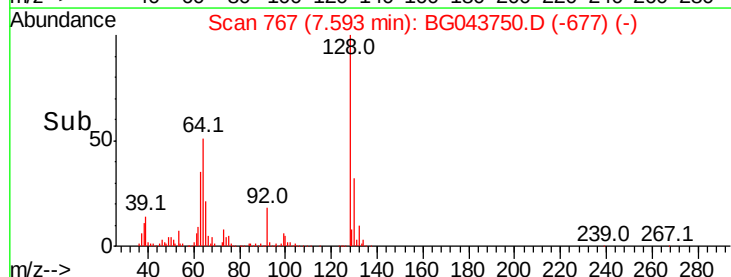
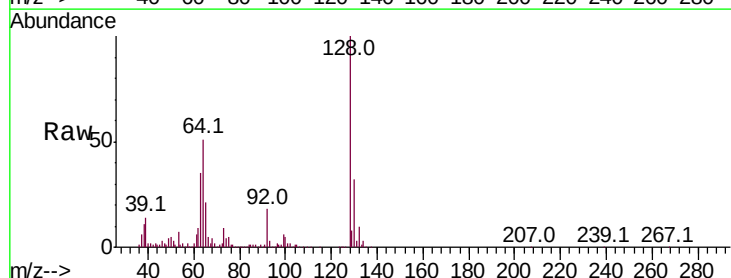
Tgt Ion: 128 Resp: 157319

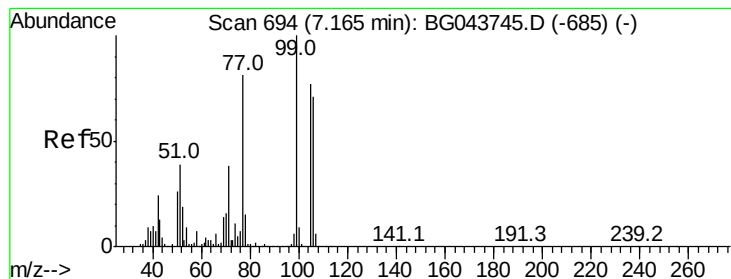
Ion Ratio Lower Upper

128 100

130 31.6 14.3 54.3

64 51.4 34.5 74.5





#9

Benzaldehyde

Concen: 46.965 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

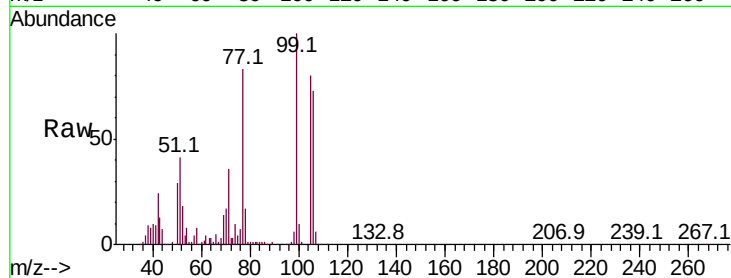
Tot Ion: 77 Resp: 134991

Ion Ratio Lower Upper

77 100

105 96.6 75.0 115.0

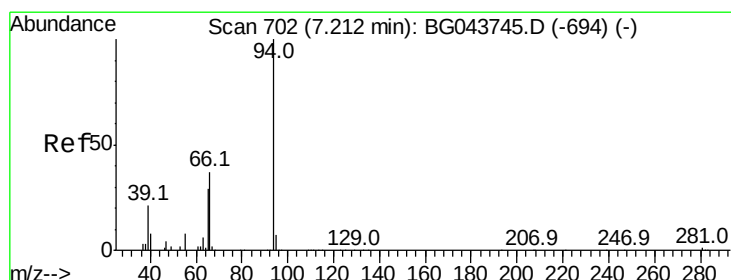
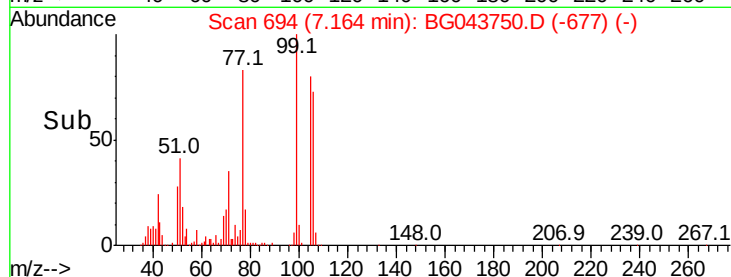
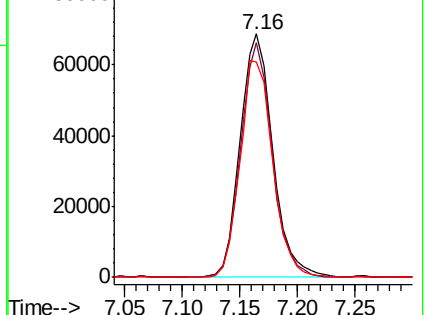
106 88.4 67.4 107.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.155 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

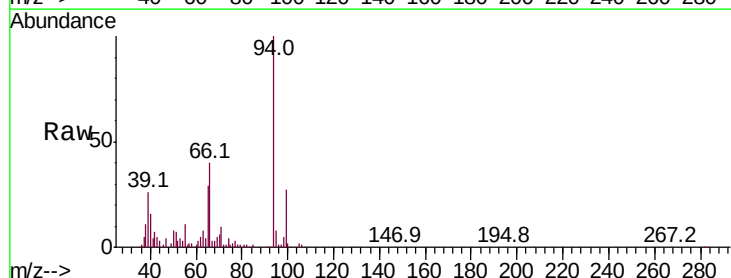
Tgt Ion: 94 Resp: 213180

Ion Ratio Lower Upper

94 100

65 28.9 10.3 50.3

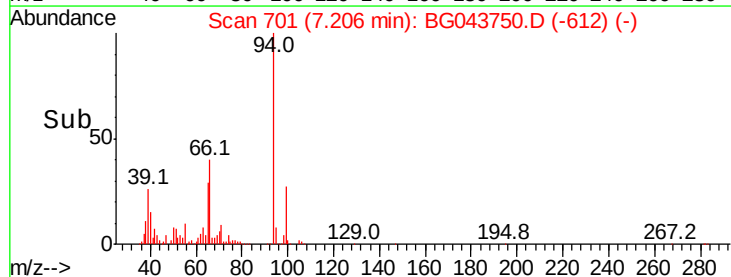
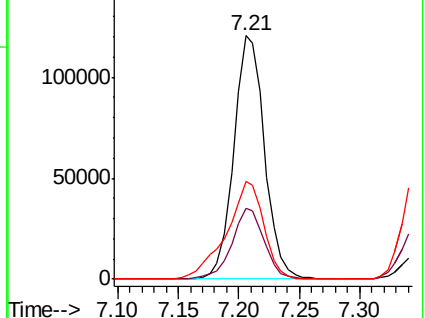
66 40.3 20.5 60.5

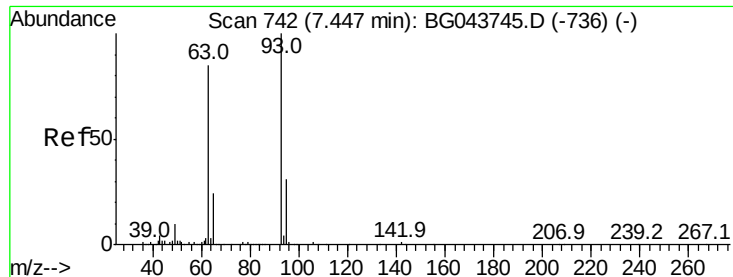


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

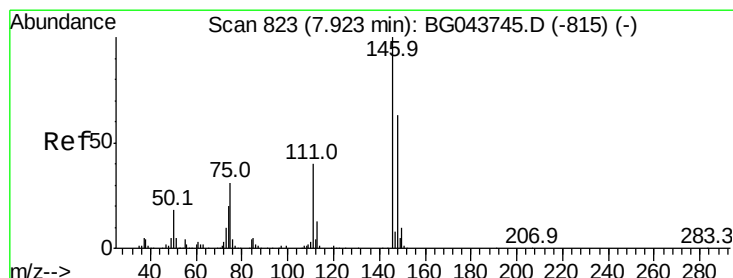
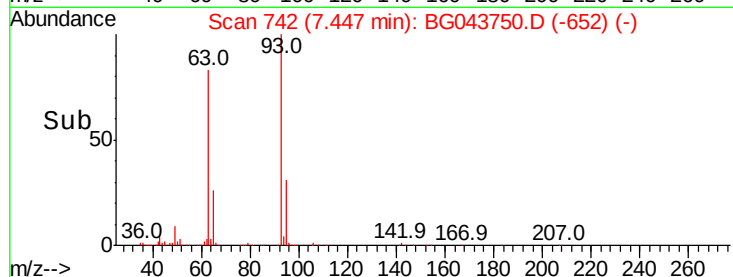
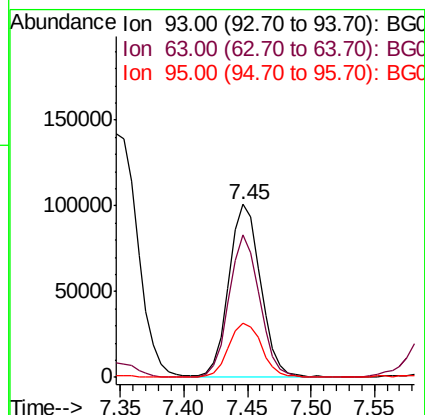
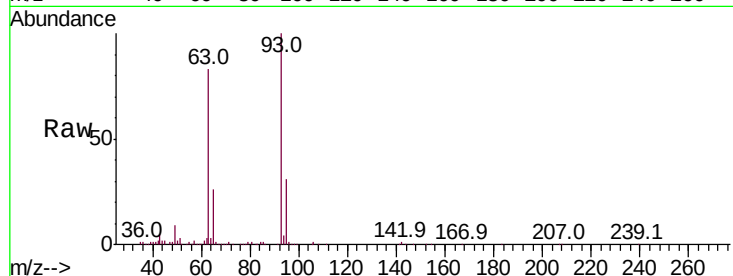




#11
 bis(2-Chloroethyl)ether
 Concen: 42.604 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

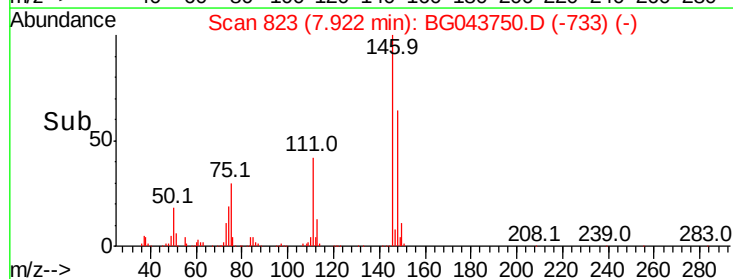
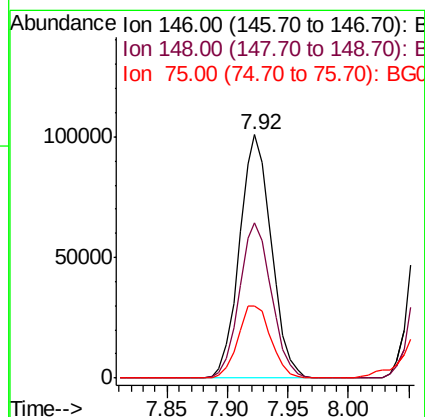
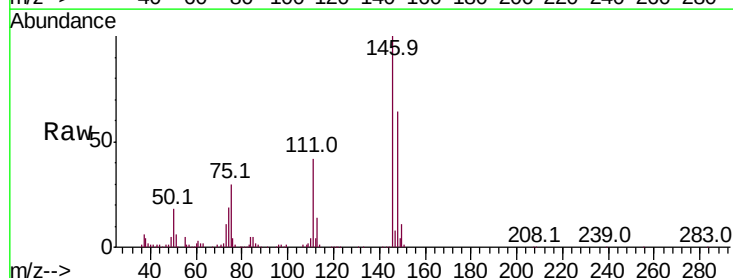
Instrument :
 BNA_G
 ClientSampleId :

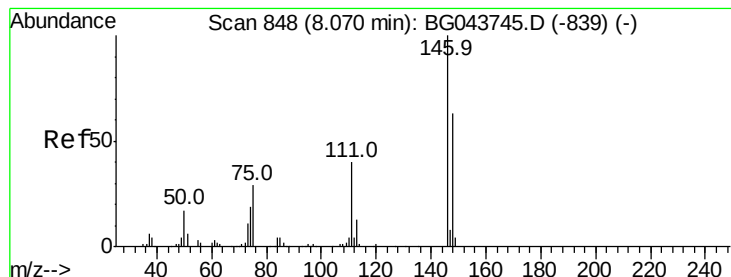
Tot Ion: 93 Resp: 175644
 Ion Ratio Lower Upper
 93 100
 63 82.7 64.4 104.4
 95 31.3 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 41.583 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion: 146 Resp: 184812
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 75 29.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 40.835 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

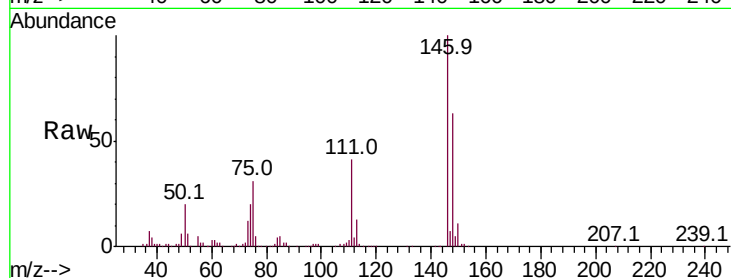
Tot Ion:146 Resp: 183824

Ion Ratio Lower Upper

146 100

148 63.4 50.1 75.1

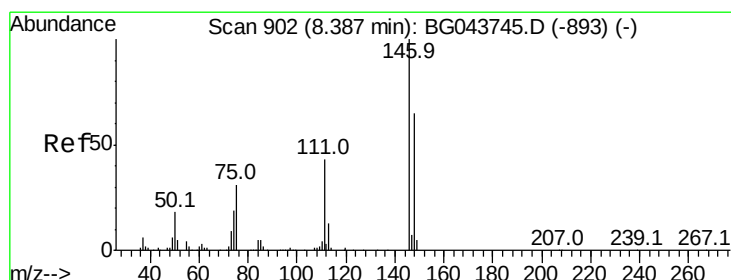
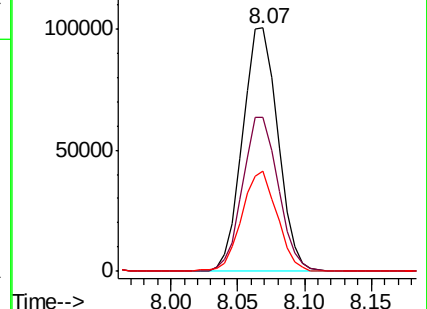
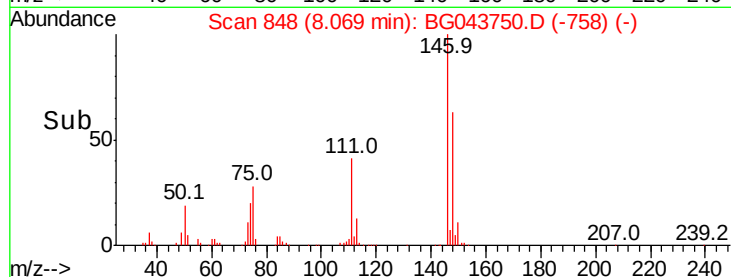
111 41.3 32.1 48.1



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: 42.009 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

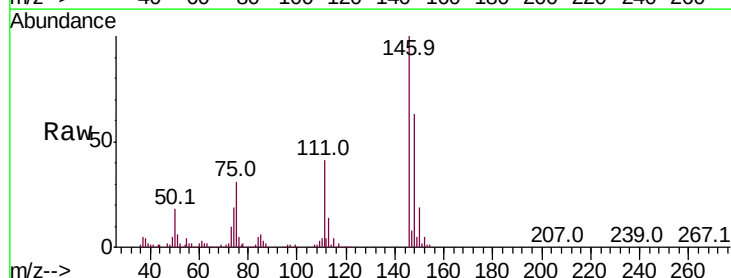
Tgt Ion:146 Resp: 178931

Ion Ratio Lower Upper

146 100

148 63.3 52.1 78.1

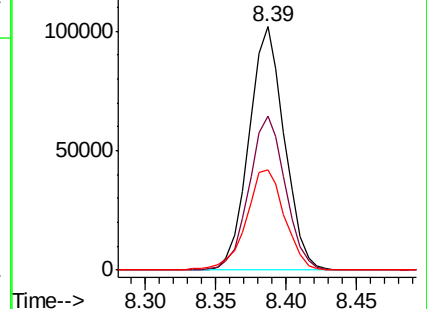
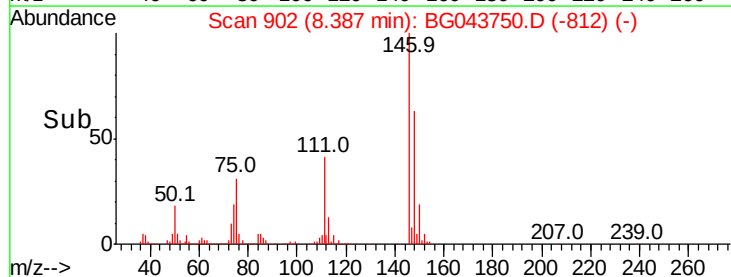
111 41.1 34.7 52.1

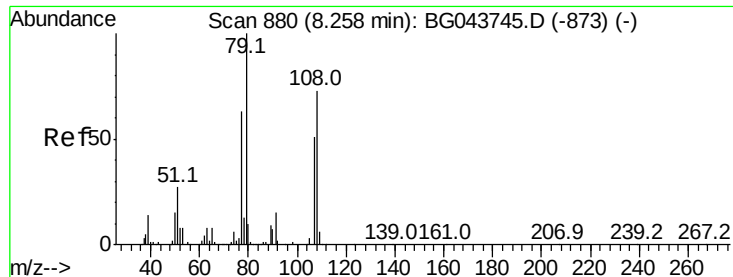


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.615 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

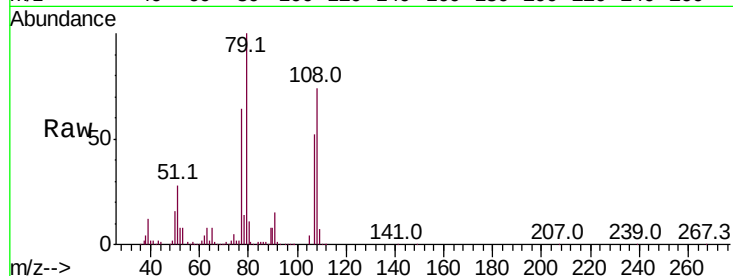
Tot Ion: 79 Resp: 175298

Ion Ratio Lower Upper

79 100

108 73.8 58.2 87.2

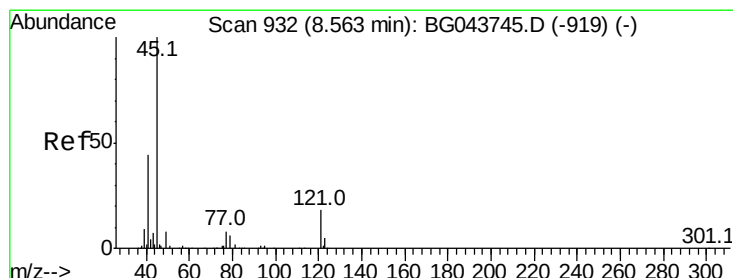
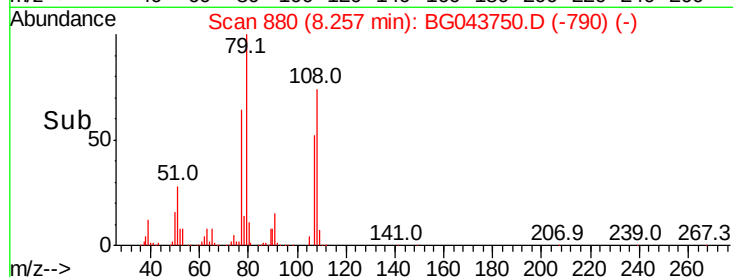
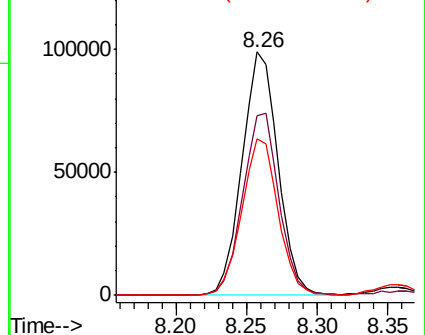
77 64.1 50.2 75.4



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: 42.209 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

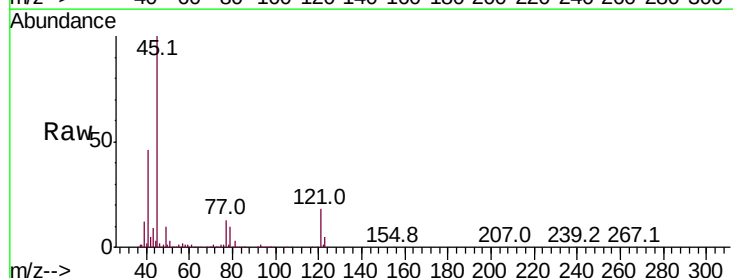
Tgt Ion: 45 Resp: 299267

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.2

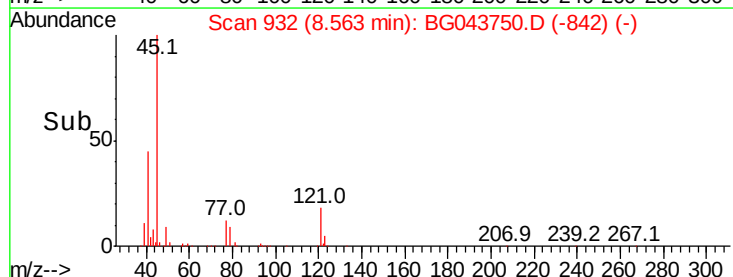
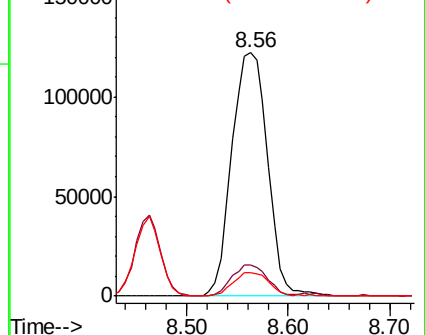
79 9.7 0.0 29.9

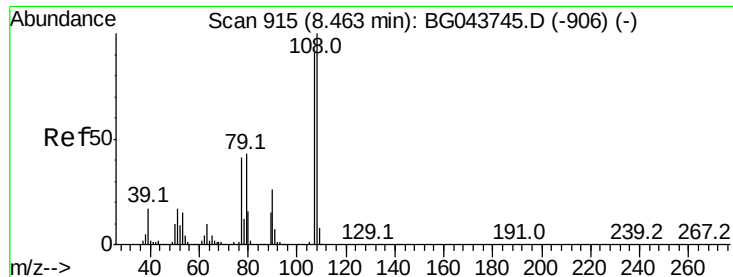


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.802 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 147636

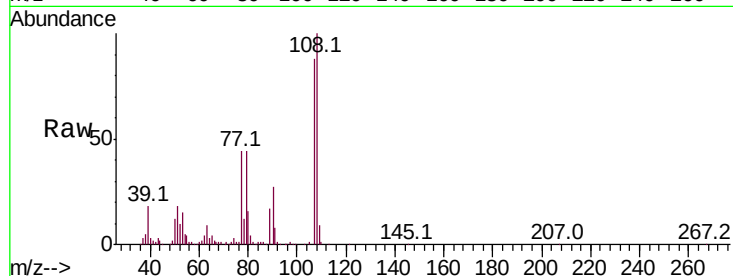
Ion Ratio Lower Upper

107 100

108 113.3 88.0 132.0

77 49.8 35.9 53.9

79 49.4 38.2 57.2

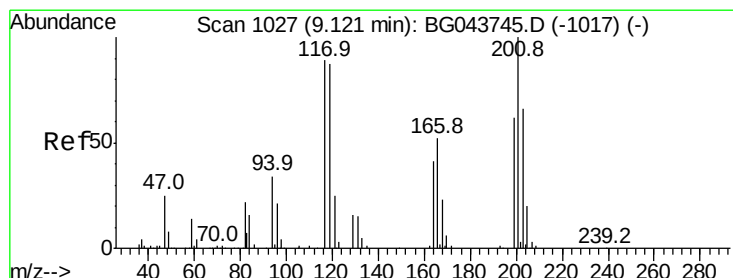
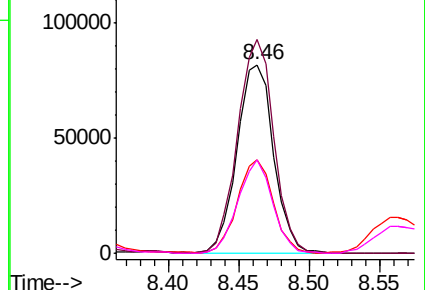
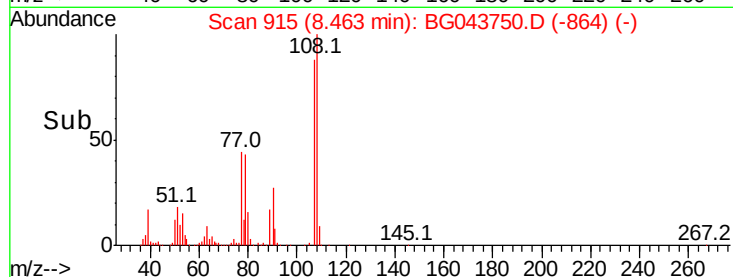


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.309 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

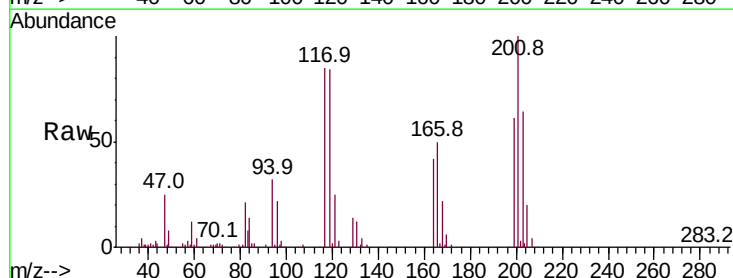
Tgt Ion:117 Resp: 66800

Ion Ratio Lower Upper

117 100

119 98.8 77.7 116.5

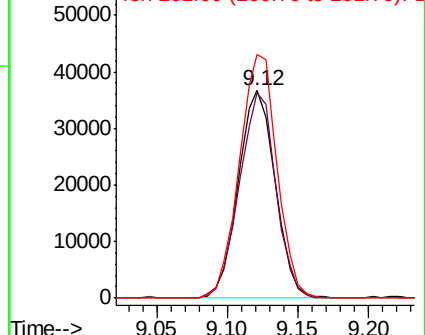
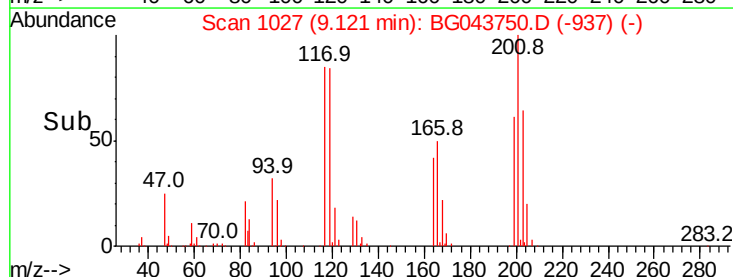
201 117.4 89.4 134.0

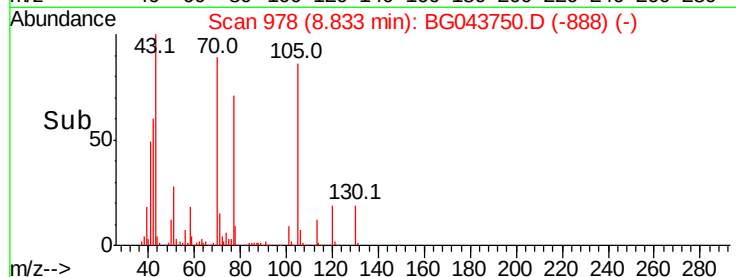
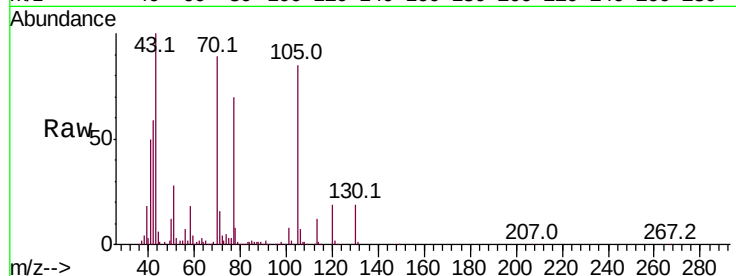
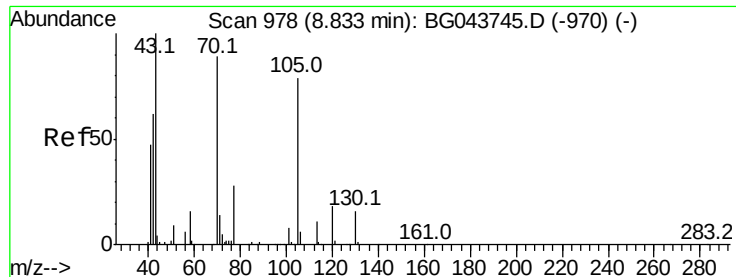


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

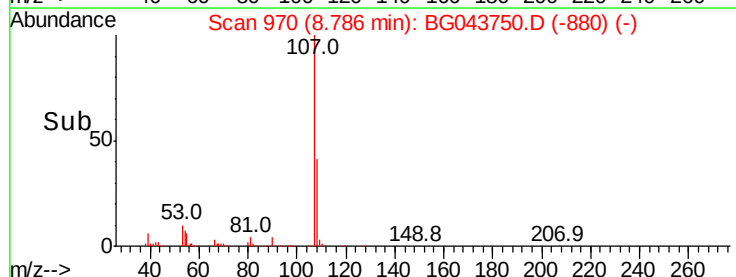
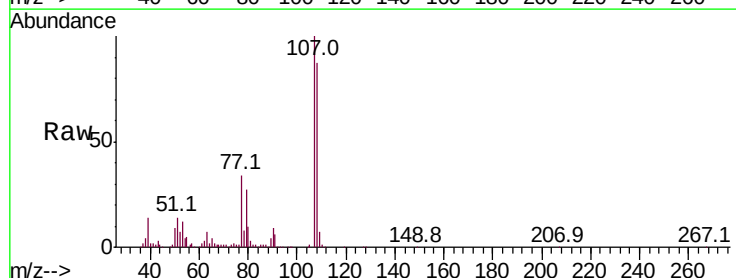
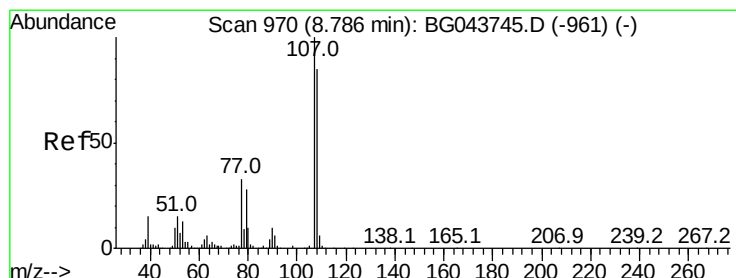
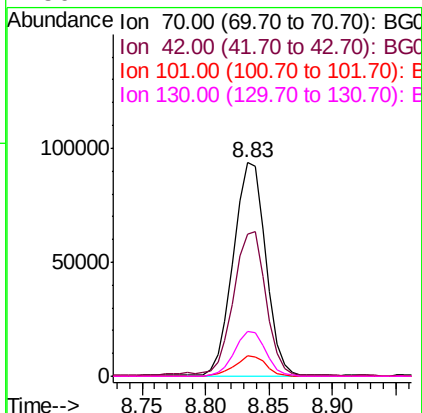




#19
n-Nitroso-di-n-propylamine
Concen: 43.795 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

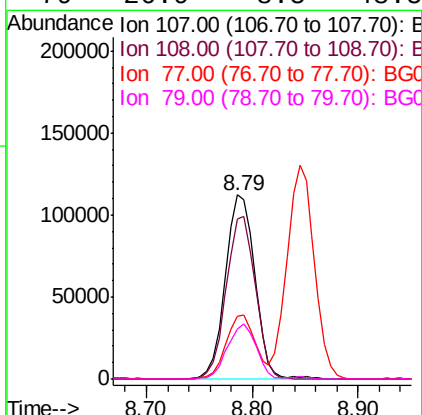
Instrument :
BNA_G
ClientSampleId :

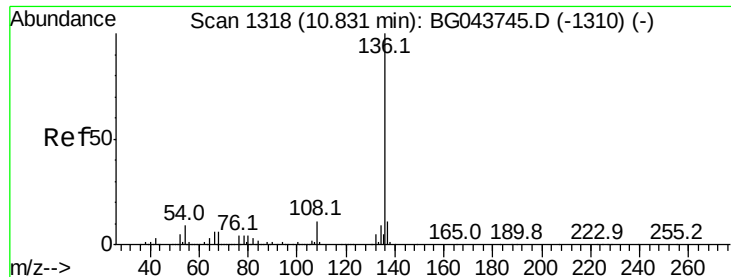
Tot Ion:	70	Resp:	165724
Ion	Ratio	Lower	Upper
70	100		
42	66.7	56.4	84.6
101	9.6	6.7	10.1
130	21.2	14.7	22.1



#20
3+4-Methylphenols
Concen: 43.885 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion:	107	Resp:	216229
Ion	Ratio	Lower	Upper
107	100		
108	87.0	64.6	104.6
77	34.2	13.7	53.7
79	26.9	8.5	48.5

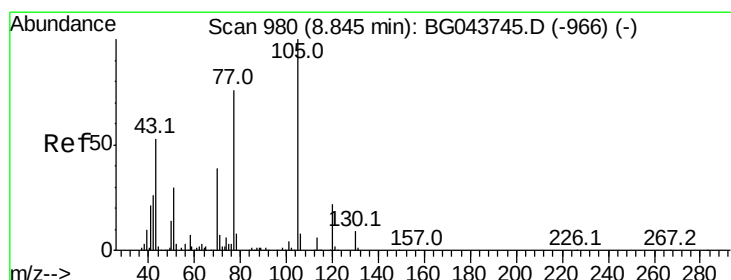
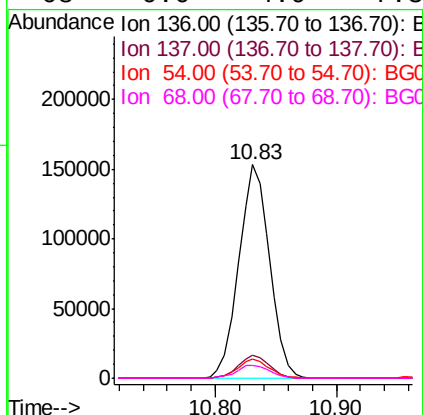
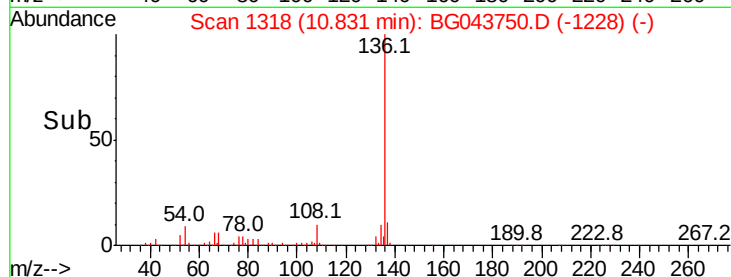
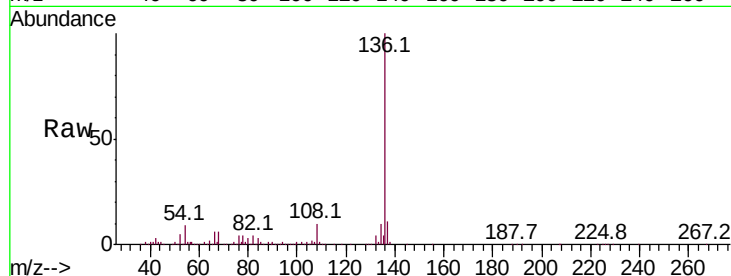




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

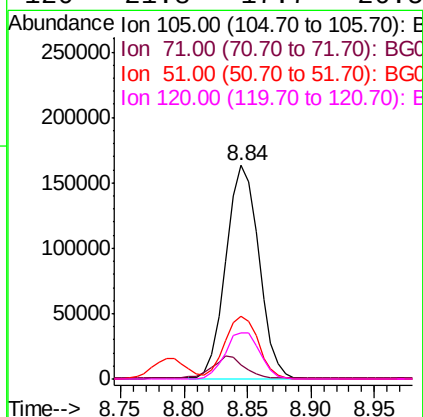
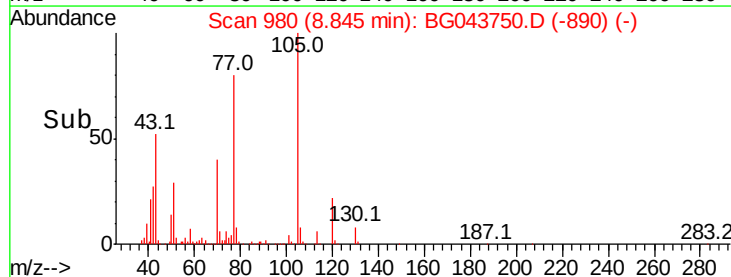
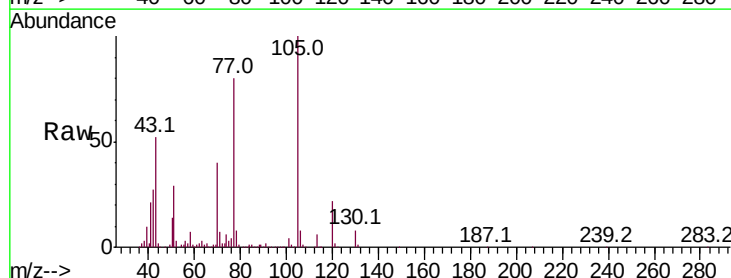
Instrument :
BNA_G
ClientSampleId :

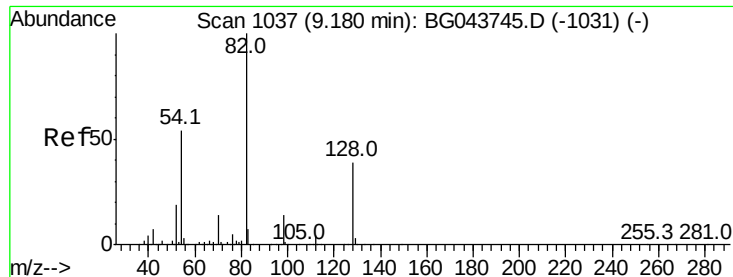
Tot Ion:	136	Resp:	271652
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.8	7.5	11.3
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 41.052 ng
RT: 8.84 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion:	105	Resp:	295576
Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.3	9.5
51	29.4	24.7	37.1
120	21.8	17.7	26.5





#23

Nitrobenzene-d5

Concen: 85.658 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

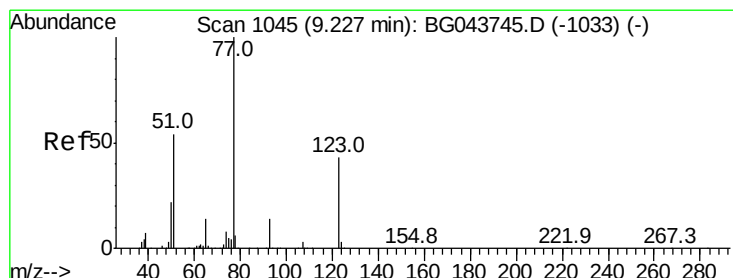
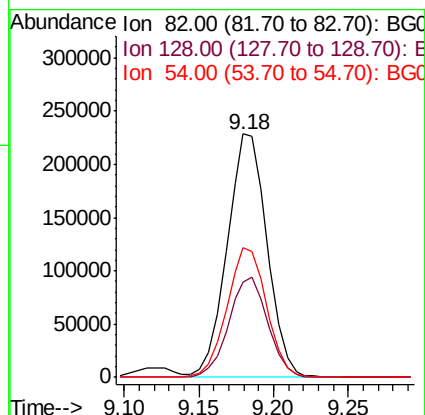
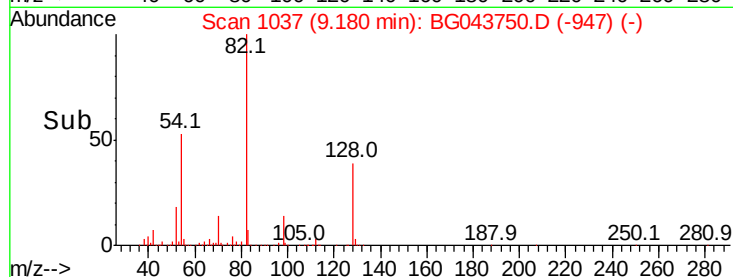
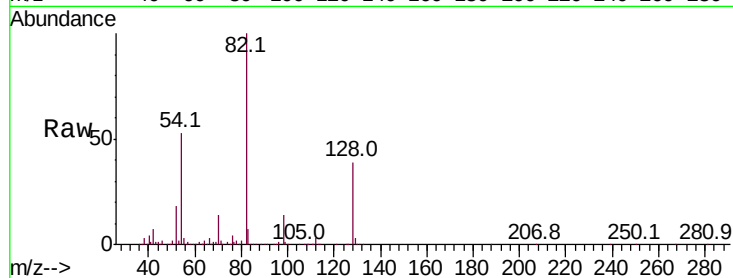
Tot Ion: 82 Resp: 423210

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 53.3 42.7 64.1



#24

Nitrobenzene

Concen: 41.784 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

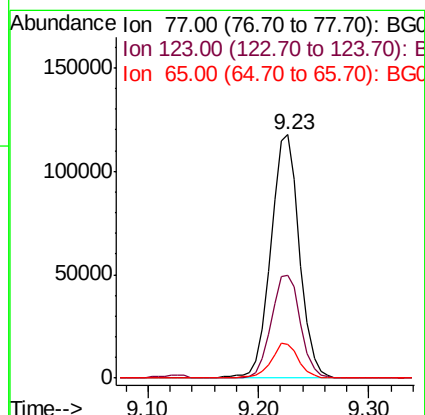
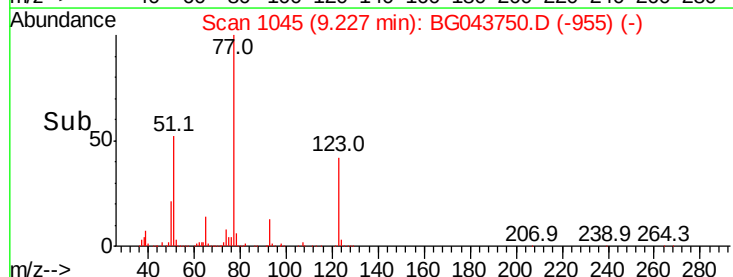
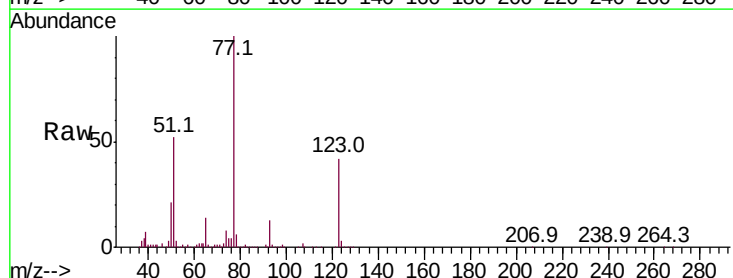
Tgt Ion: 77 Resp: 212199

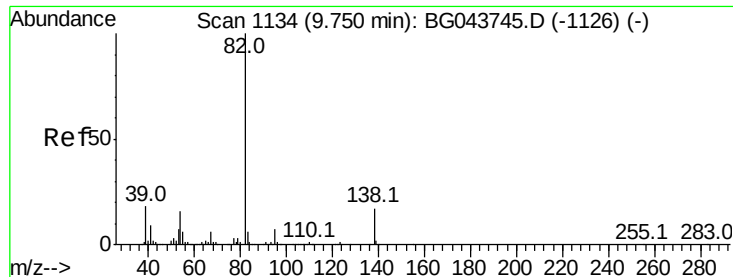
Ion Ratio Lower Upper

77 100

123 42.2 34.7 52.1

65 13.7 11.0 16.6





#25

Isophorone

Concen: 41.824 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

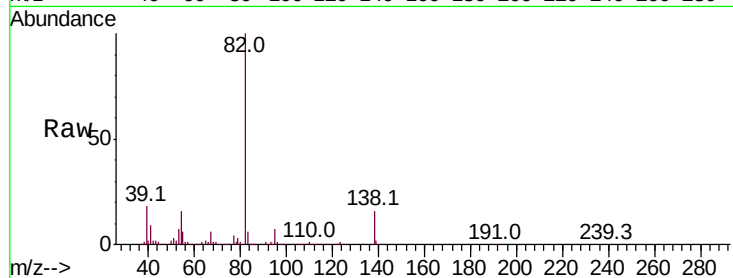
Tot Ion: 82 Resp: 443084

Ion Ratio Lower Upper

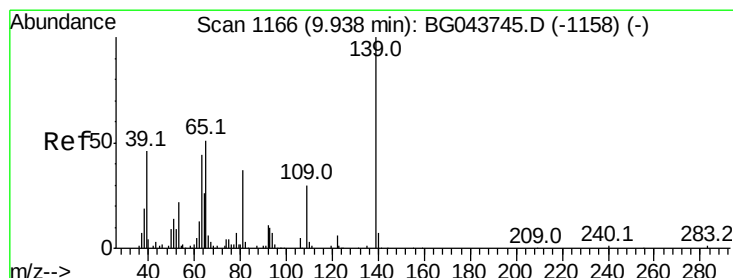
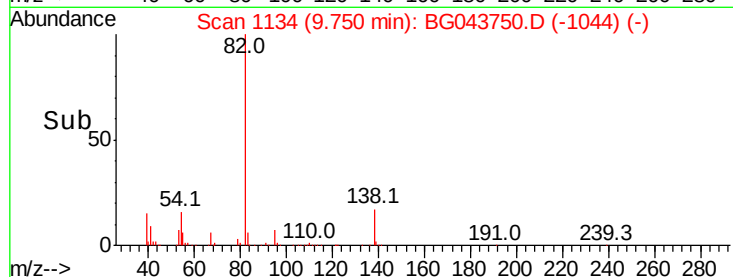
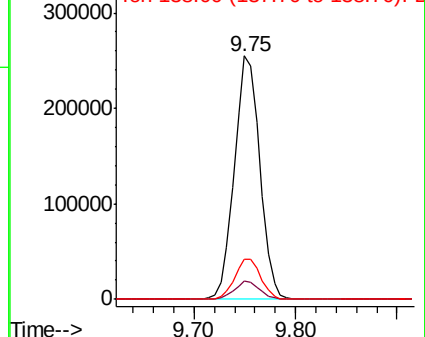
82 100

95 7.3 5.9 8.9

138 16.5 13.3 19.9



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: 44.686 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

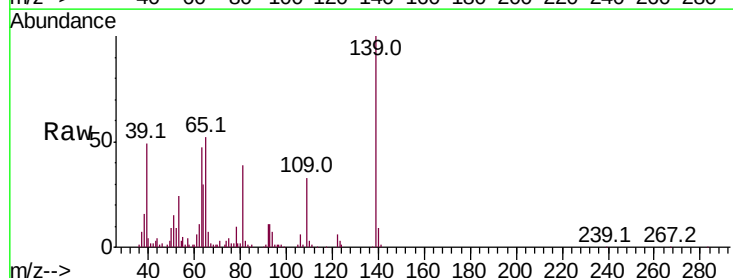
Tgt Ion: 139 Resp: 81876

Ion Ratio Lower Upper

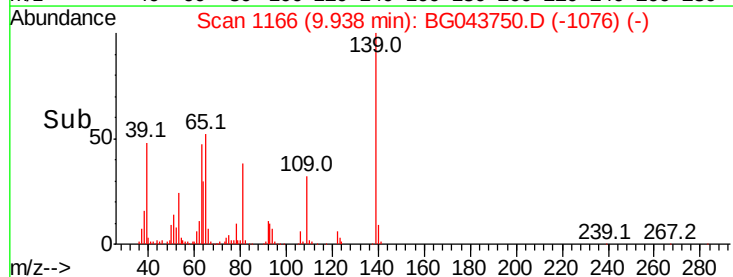
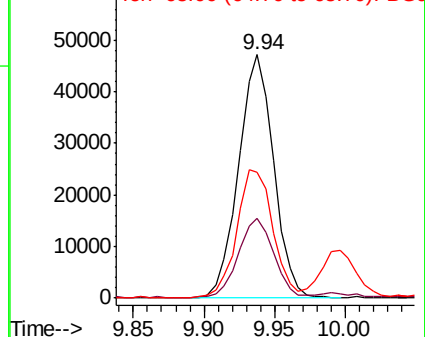
139 100

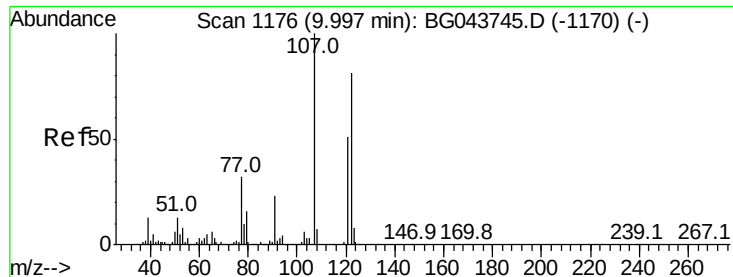
109 32.7 24.1 36.1

65 51.7 41.1 61.7



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

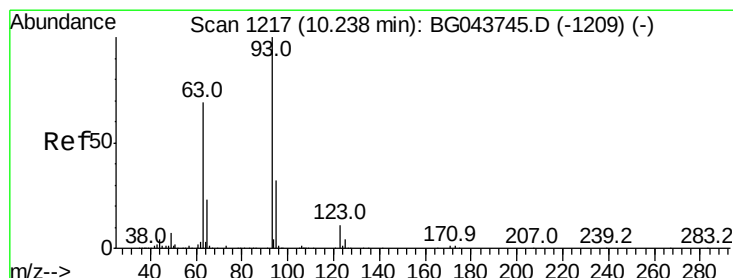
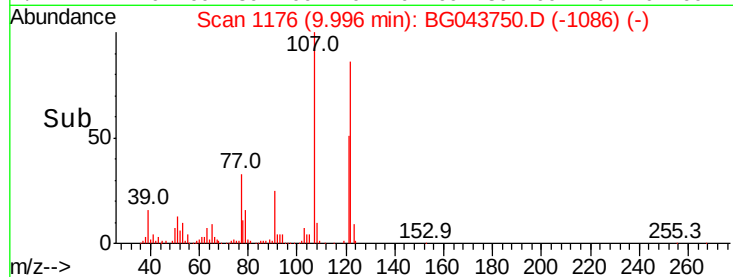
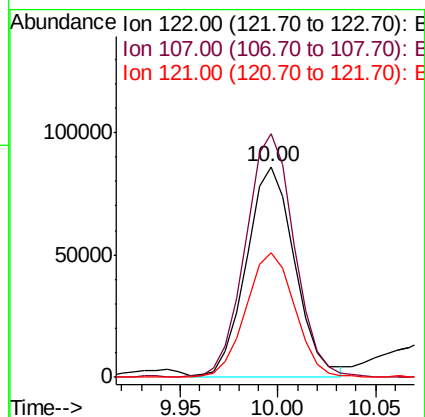
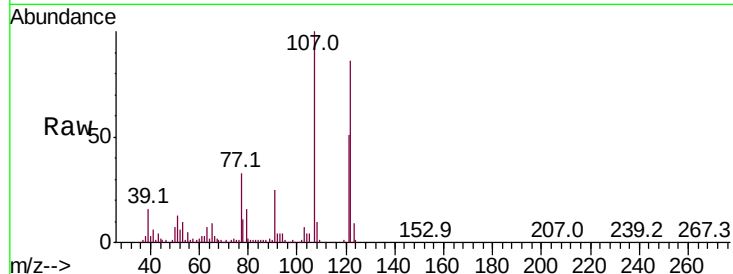




#27
2,4-Dimethylphenol
Concen: 40.924 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

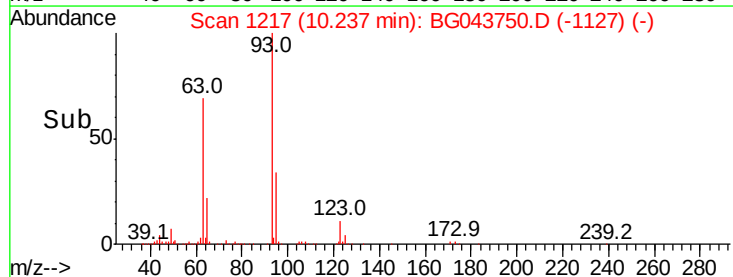
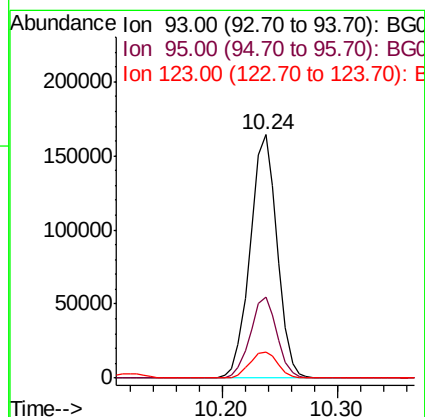
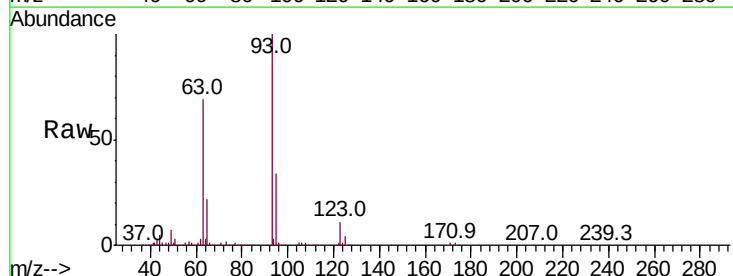
Instrument :
BNA_G
ClientSampleId :

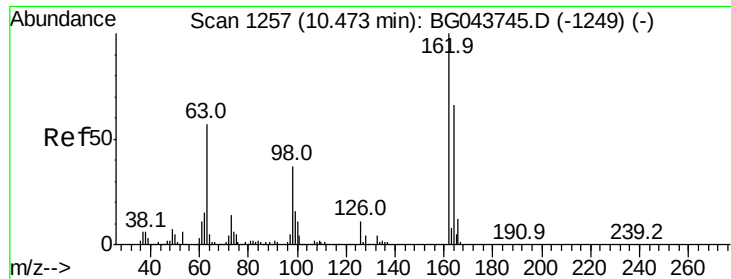
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	98.5	147.7
121	59.4	49.6	74.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.990 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.0	39.0
123	10.6	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 41.562 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampled :

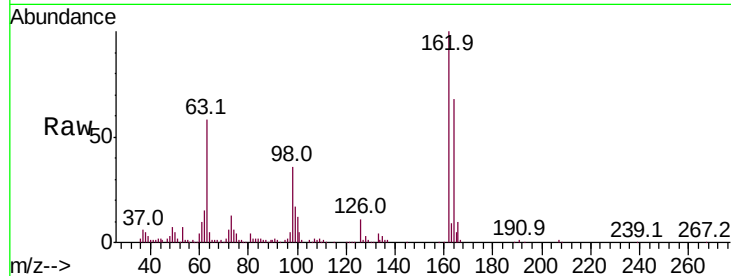
Tot Ion:162 Resp: 181783

Ion Ratio Lower Upper

162 100

164 67.7 46.4 86.4

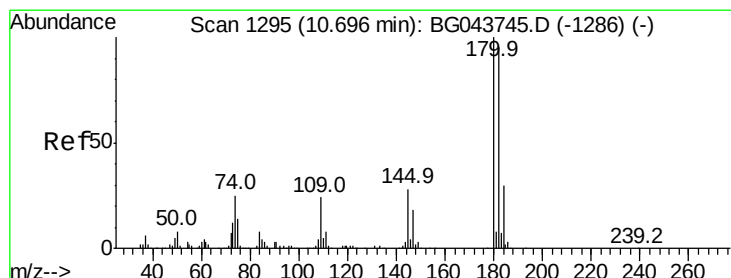
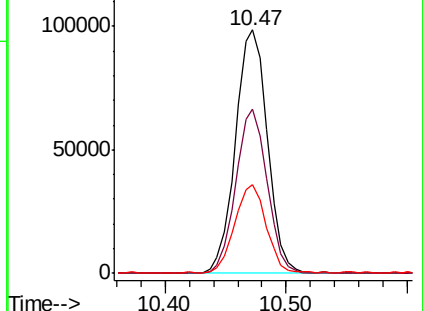
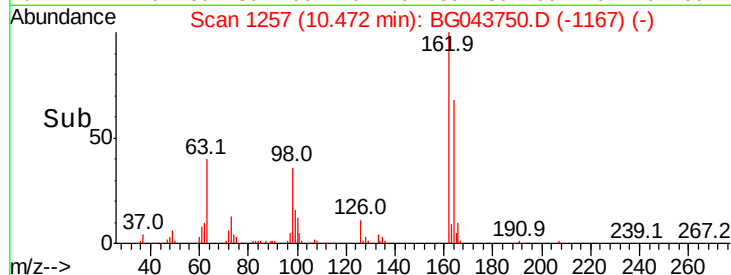
98 36.4 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.284 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

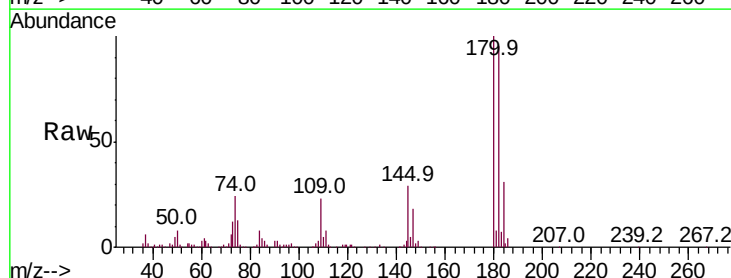
Tgt Ion:180 Resp: 206469

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.6

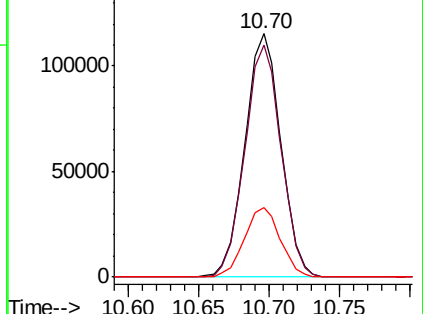
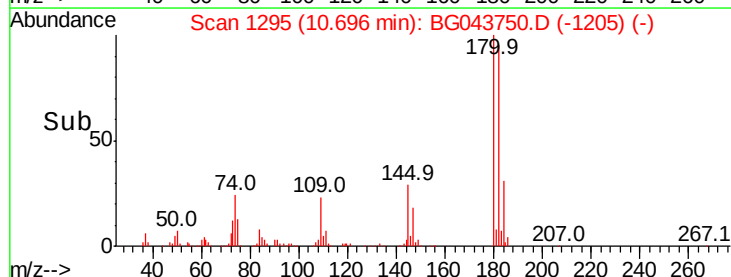
145 28.6 22.5 33.7

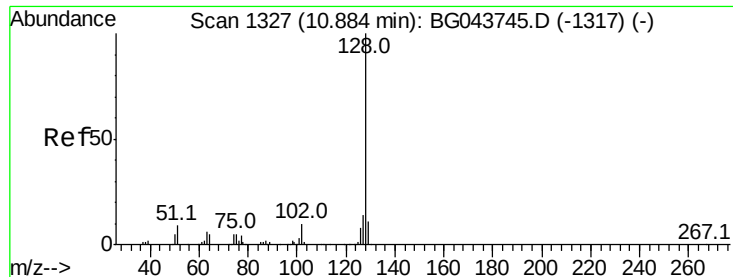


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

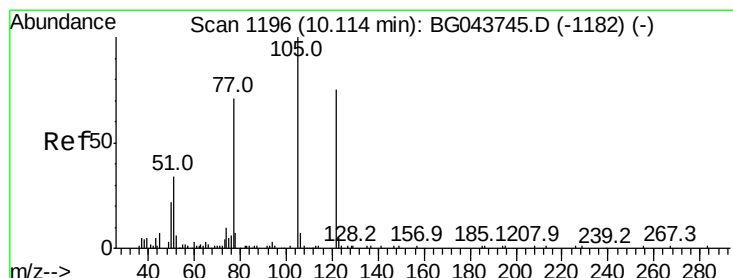
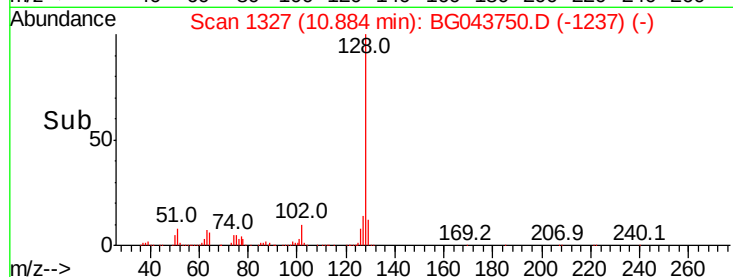
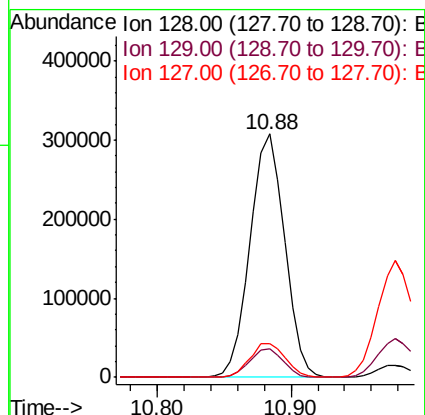
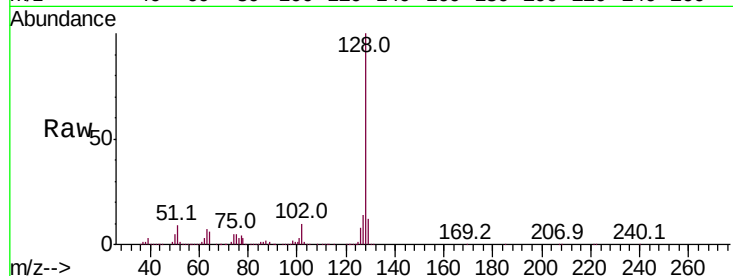




#31
Naphthalene
Concen: 40.764 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

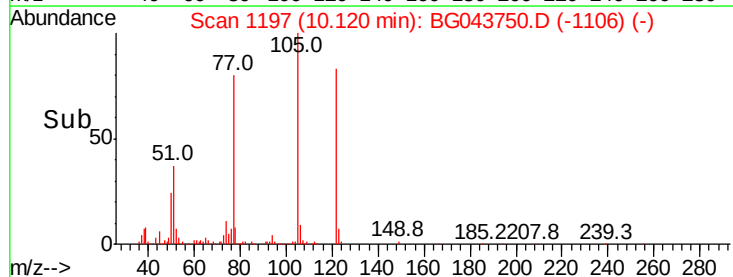
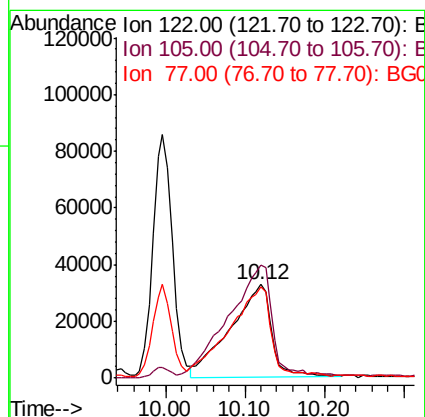
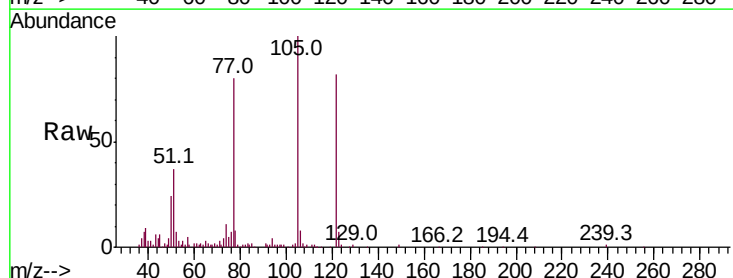
Instrument :
BNA_G
ClientSampleId :

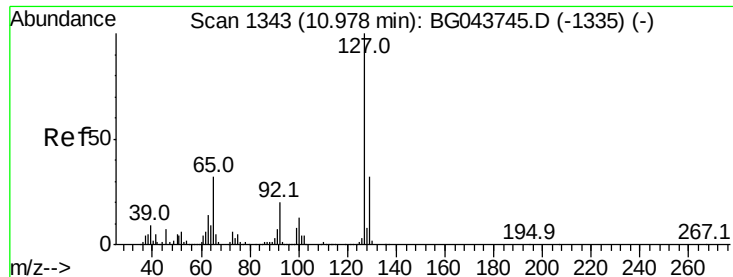
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	14.0	11.4	17.0



#32
Benzoic acid
Concen: 44.861 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	109.3	149.3
77	97.0	76.1	116.1

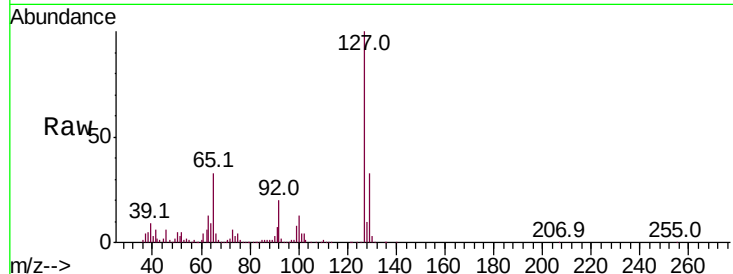




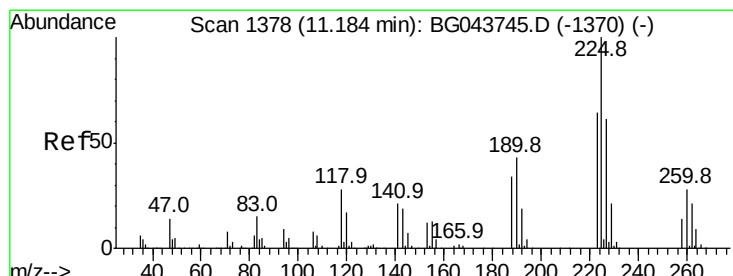
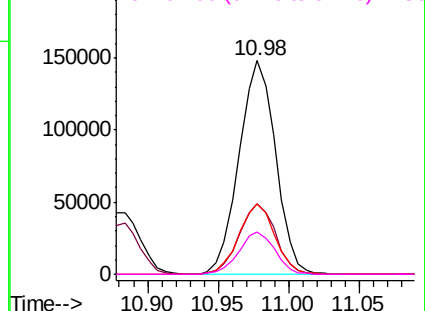
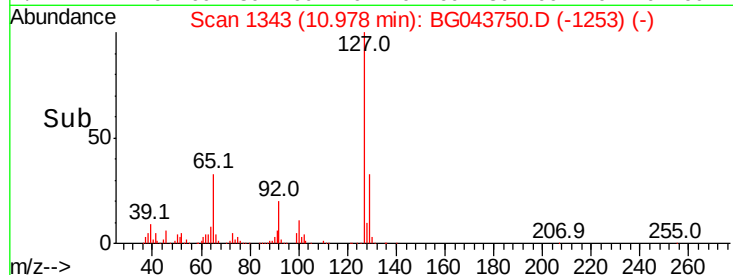
#33
4-Chloroaniline
Concen: 41.244 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	267771
Ion Ratio	Lower	Upper
127	100	
129	33.1	25.9 38.9
65	33.0	25.8 38.8
92	19.7	15.8 23.6

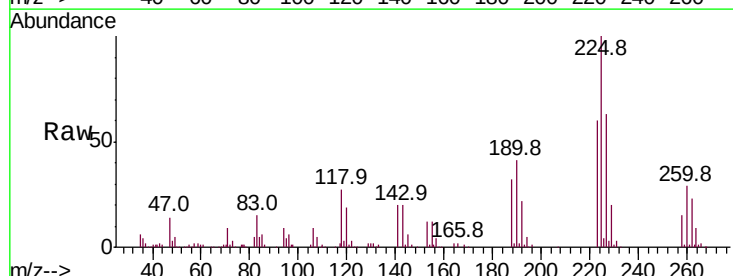


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

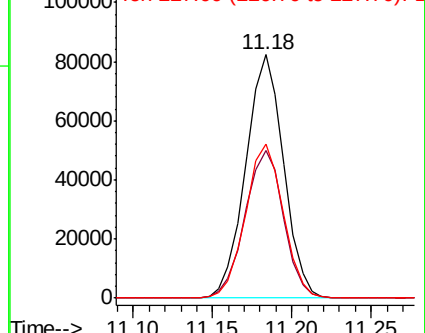
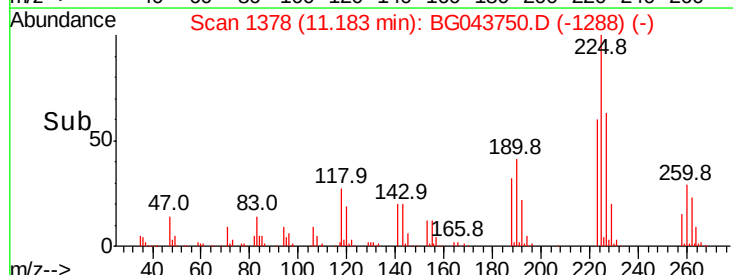


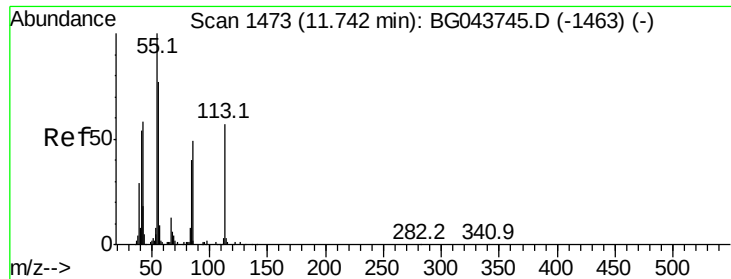
#34
Hexachlorobutadiene
Concen: 40.526 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion:225	Resp:	136586
Ion Ratio	Lower	Upper
225	100	
223	60.5	51.2 76.8
227	63.2	51.0 76.4



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





#35

Caprolactam

Concen: 43.373 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

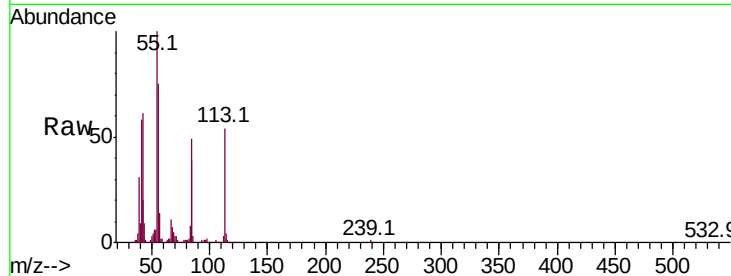
Tot Ion:113 Resp: 77138

Ion Ratio Lower Upper

113 100

55 183.8 160.9 200.9

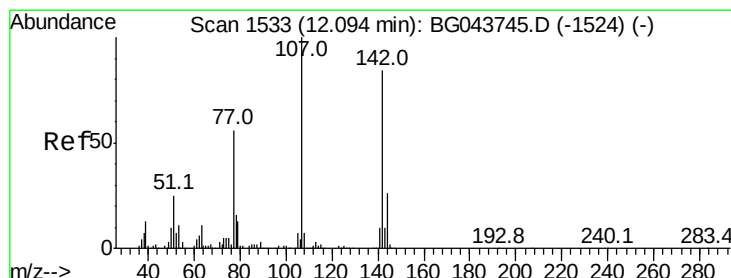
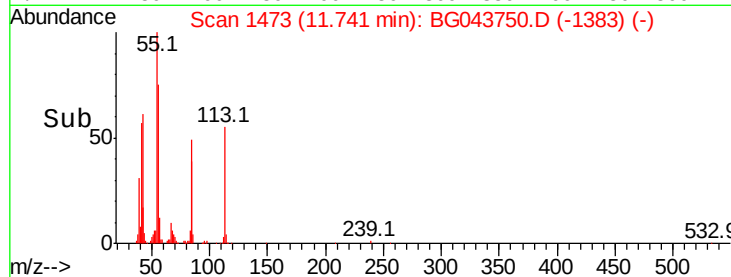
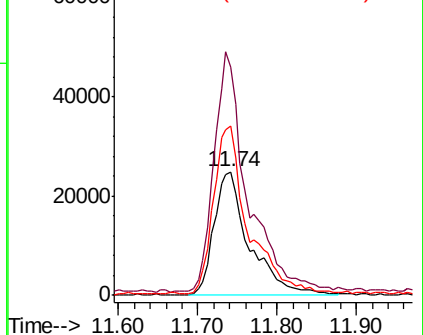
56 137.1 116.8 156.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.977 ng

RT: 12.09 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

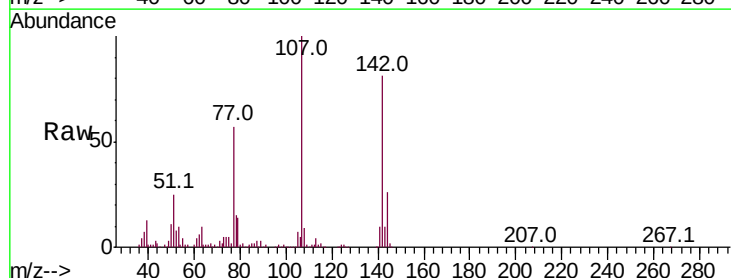
Tgt Ion:107 Resp: 206328

Ion Ratio Lower Upper

107 100

144 25.9 21.0 31.4

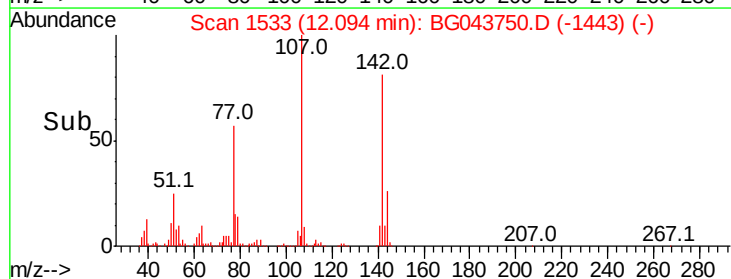
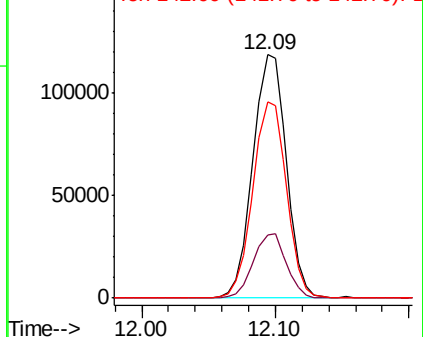
142 80.6 67.0 100.4

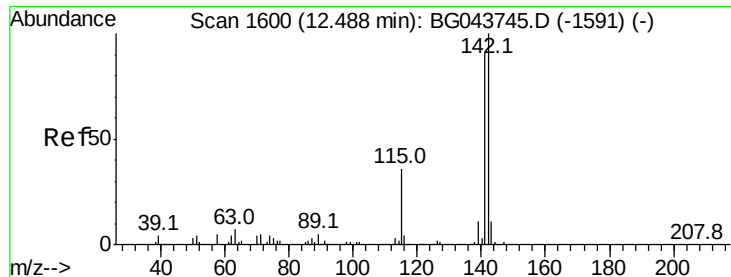


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.446 ng

RT: 12.49 min Scan# 1600

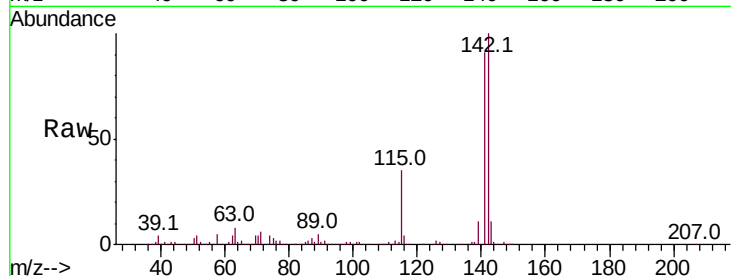
Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.8	109.2
115	34.7	28.9	43.3

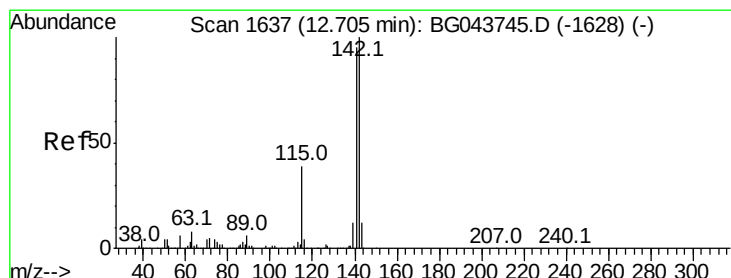
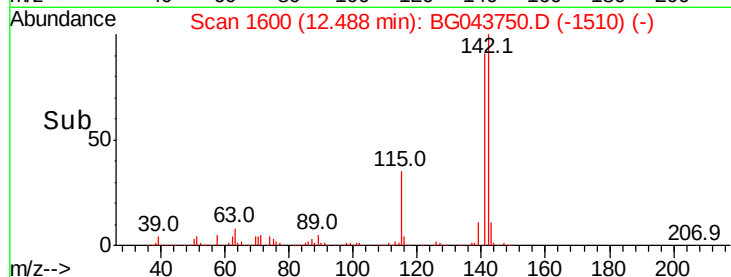
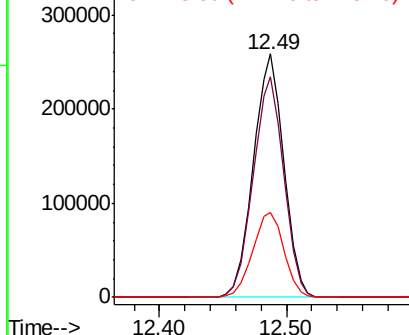


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.216 ng

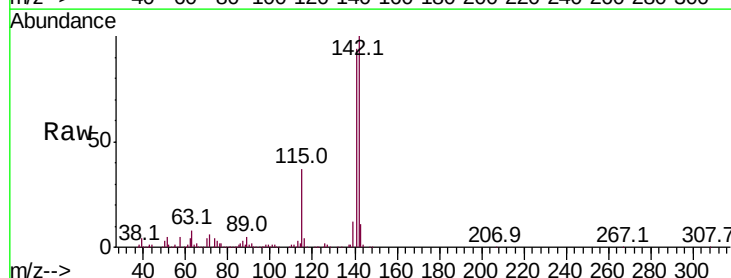
RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.8
116	4.0	3.4	5.0

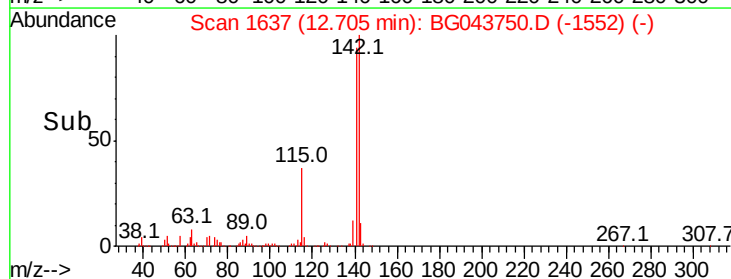
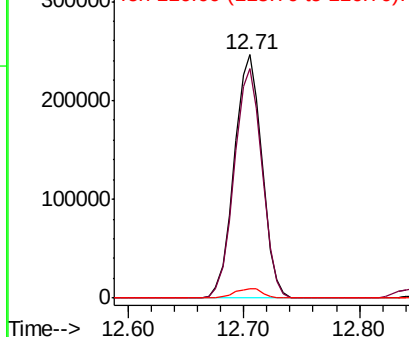


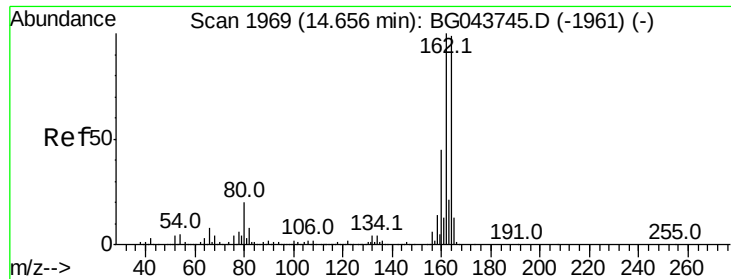
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

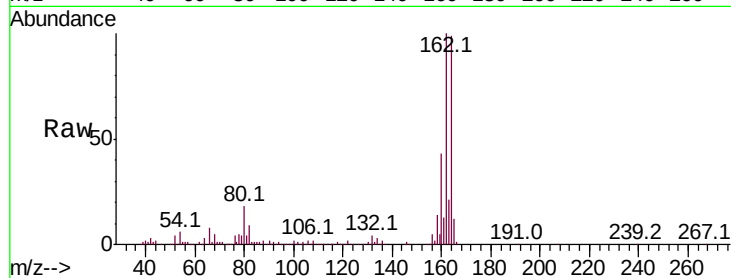
Tot Ion:164 Resp: 202973

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

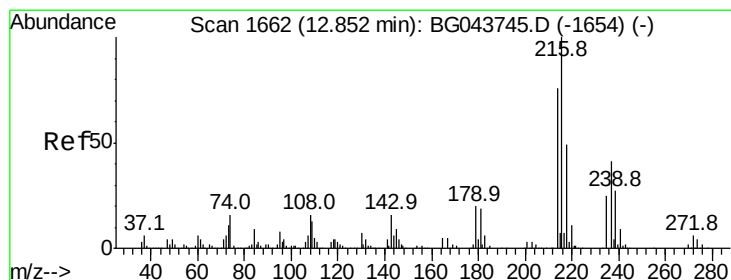
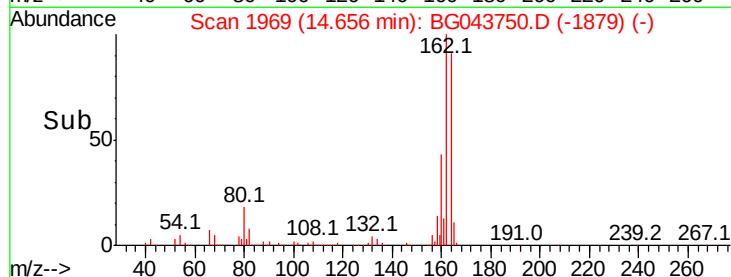
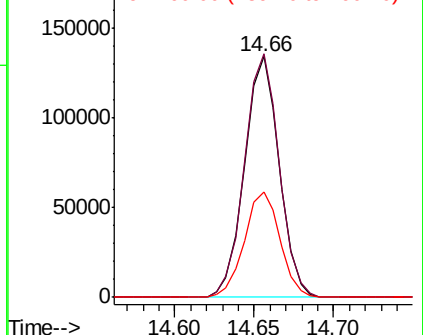
160 43.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.056 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Tgt Ion:216 Resp: 258701

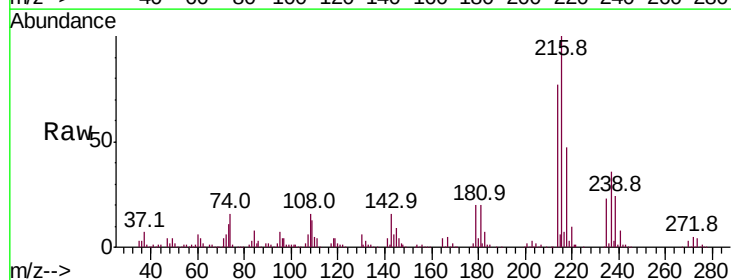
Ion Ratio Lower Upper

216 100

214 76.7 62.0 93.0

179 20.1 16.3 24.5

108 15.8 13.0 19.6

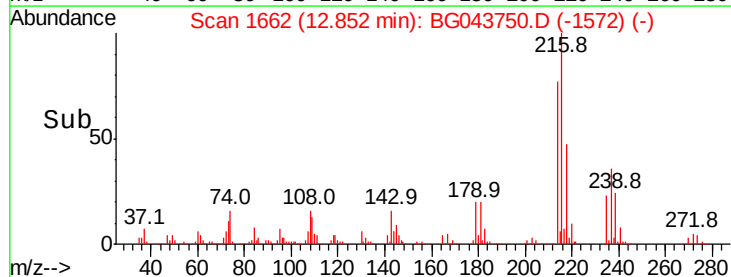
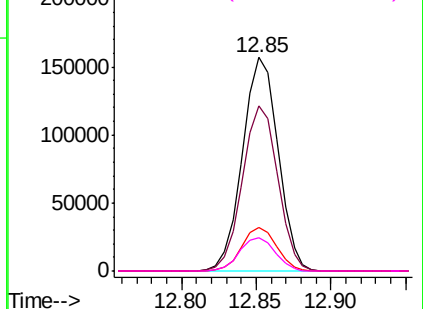


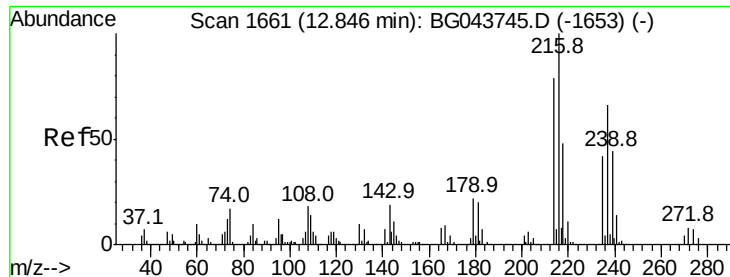
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.553 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

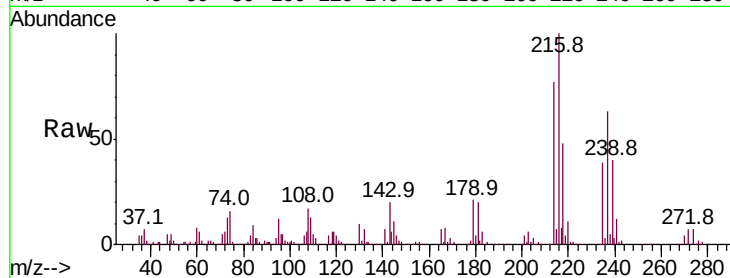
Tot Ion:237 Resp: 127550

Ion Ratio Lower Upper

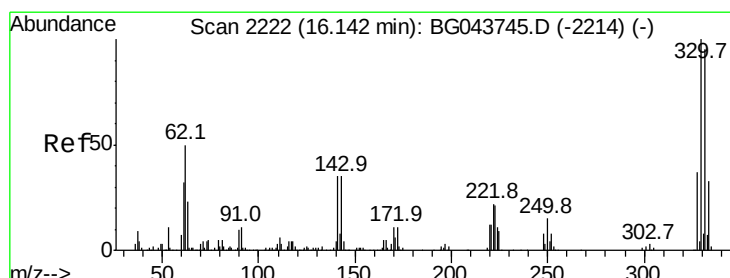
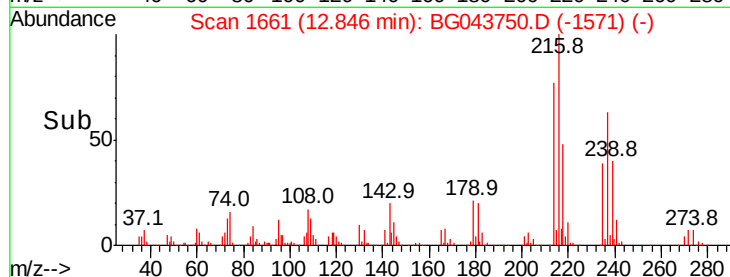
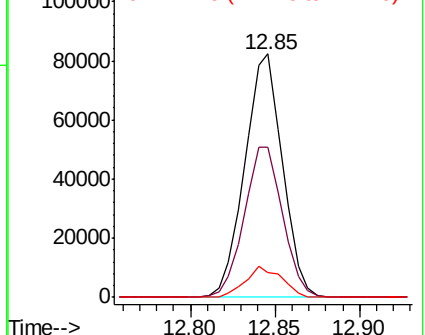
237 100

235 61.8 43.8 83.8

272 10.4 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.414 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

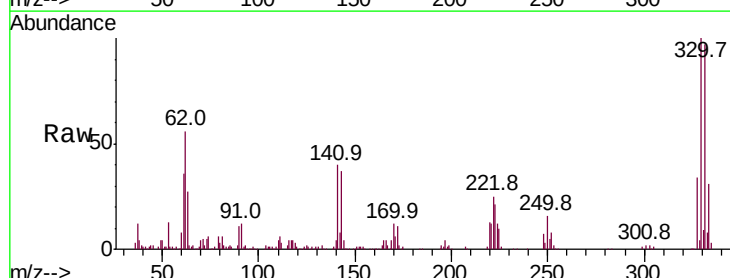
Tgt Ion:330 Resp: 204212

Ion Ratio Lower Upper

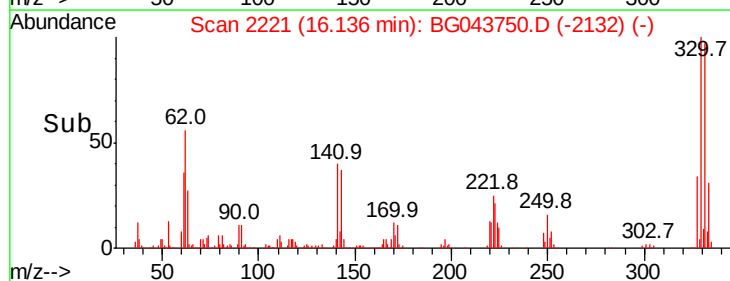
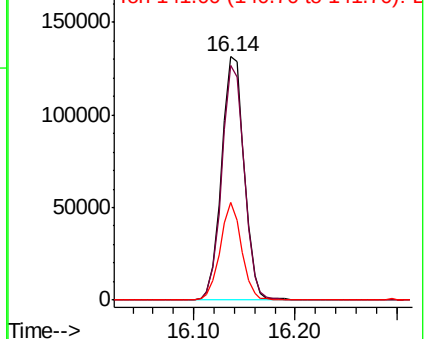
330 100

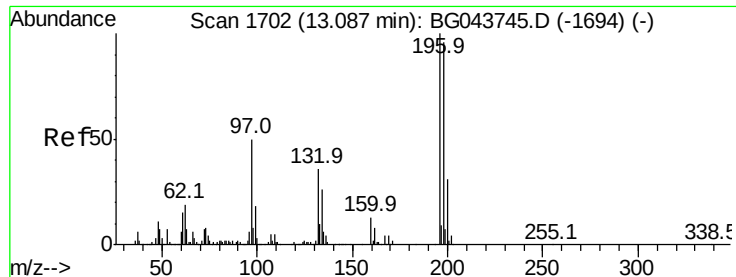
332 95.9 77.3 115.9

141 37.9 31.4 47.2



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

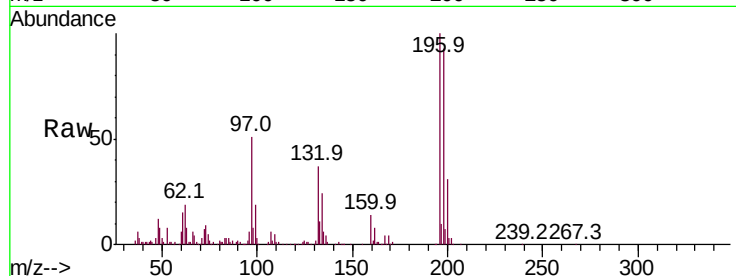




#43
 2,4,6-Trichlorophenol
 Concen: 41.685 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	76.5	114.7
200	30.8	24.6	36.8

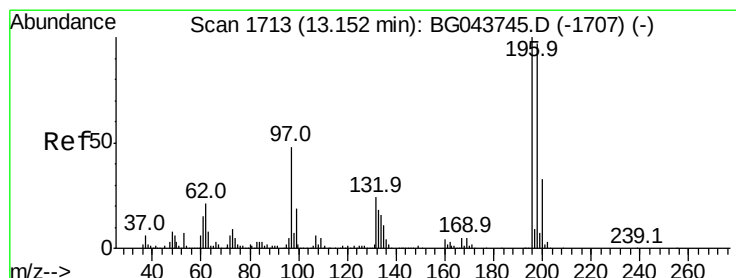
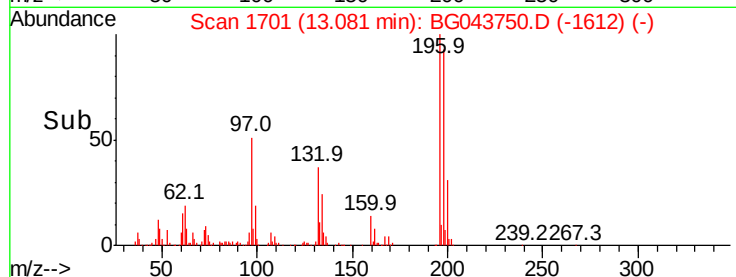
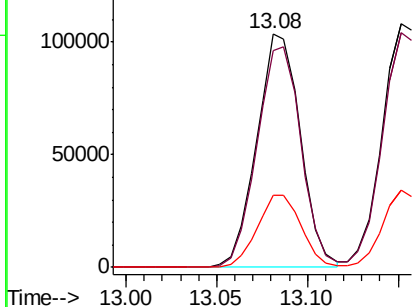


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.508 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.2	117.2
97	46.6	39.1	58.7
132	25.2	19.6	29.4

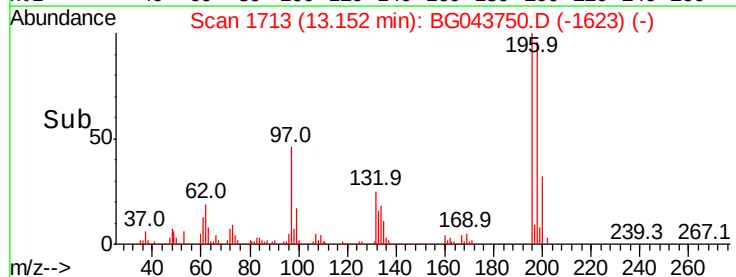
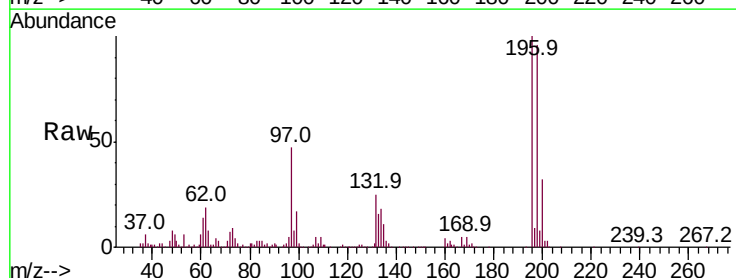
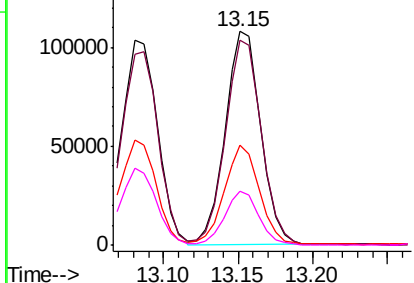
Abundance

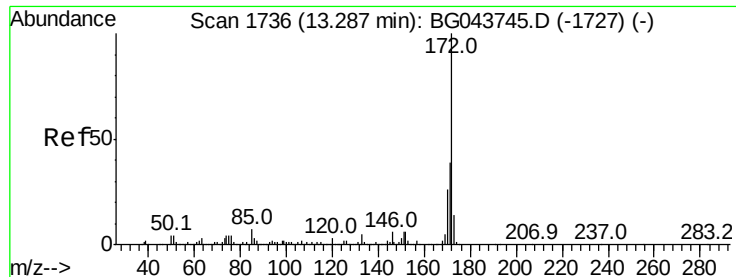
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

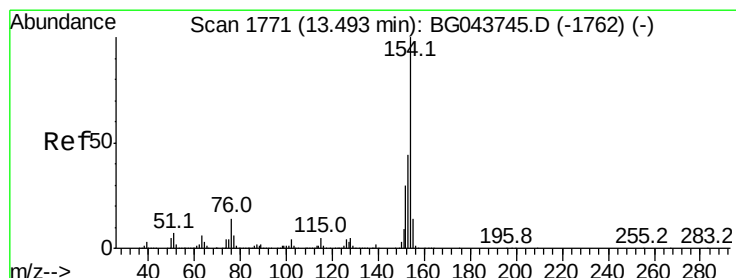
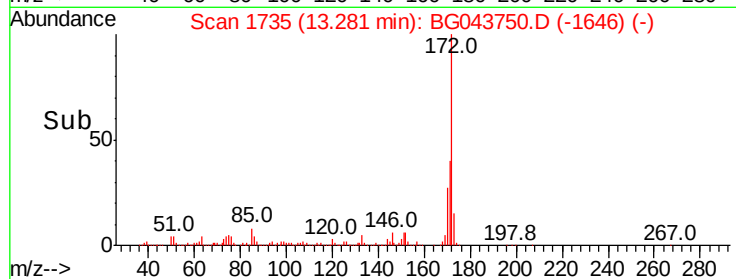
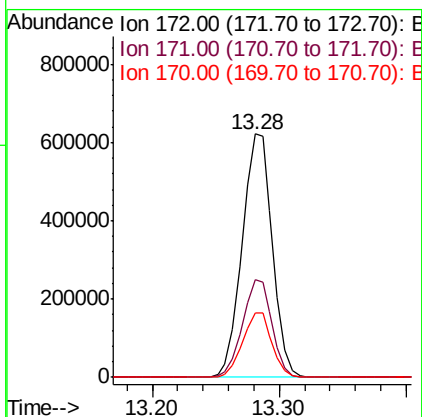
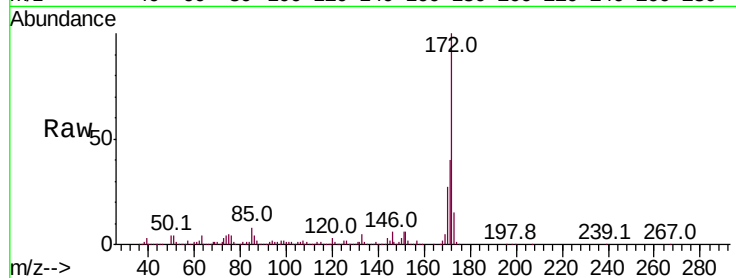




#45
2-Fluorobiphenyl
Concen: 82.731 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

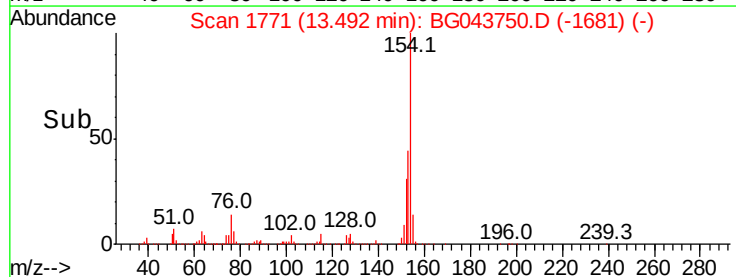
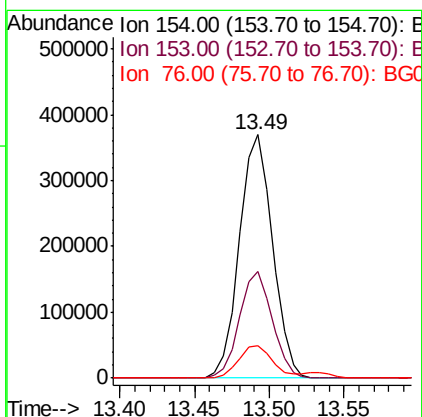
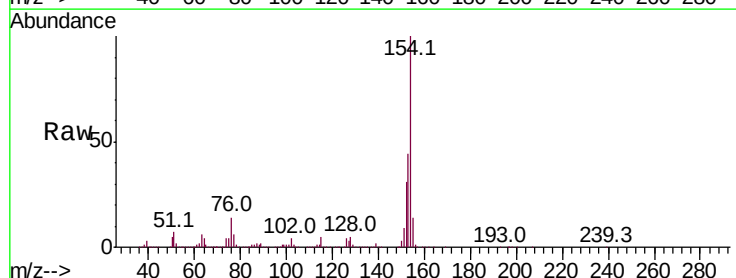
Instrument :
BNA_G
ClientSampleId :

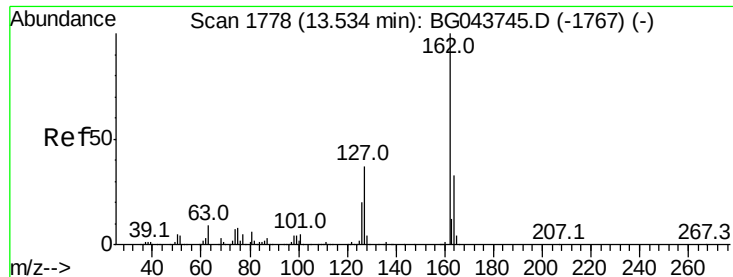
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.0	46.6
170	26.6	21.0	31.4



#46
1,1'-Biphenyl
Concen: 40.357 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.5	63.5
76	13.5	0.0	33.6

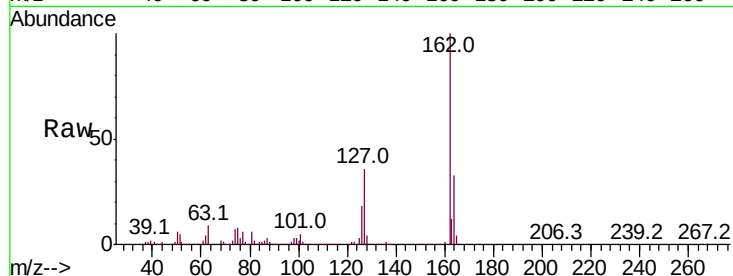




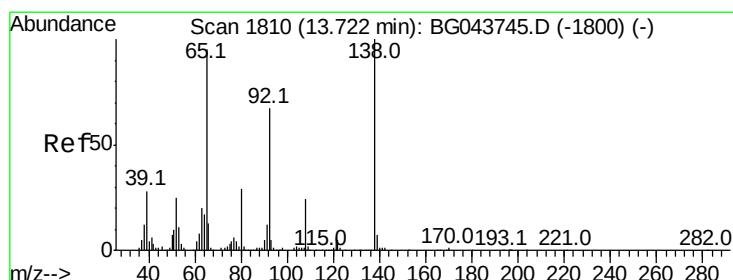
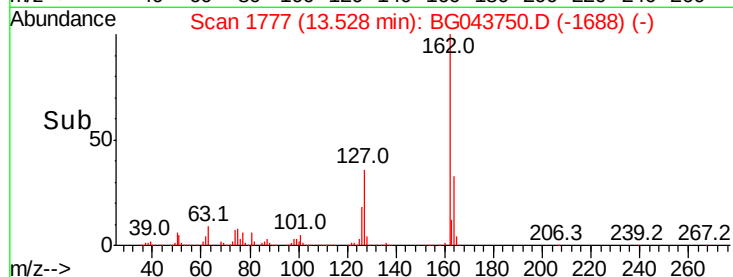
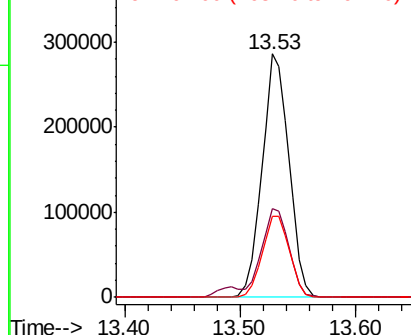
#47
2-Chloronaphthalene
Concen: 40.473 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.0	45.0
164	33.1	26.4	39.6

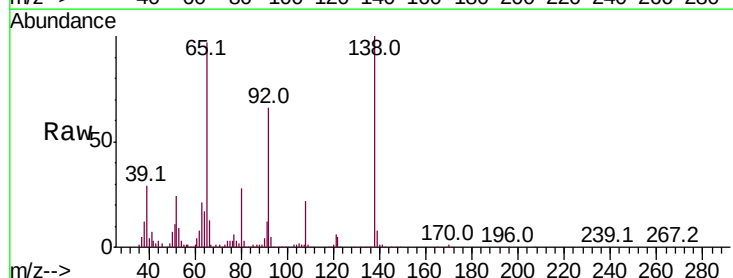


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

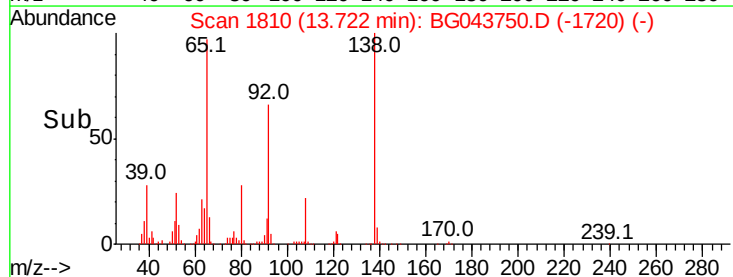
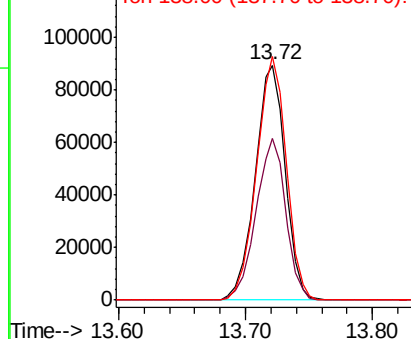


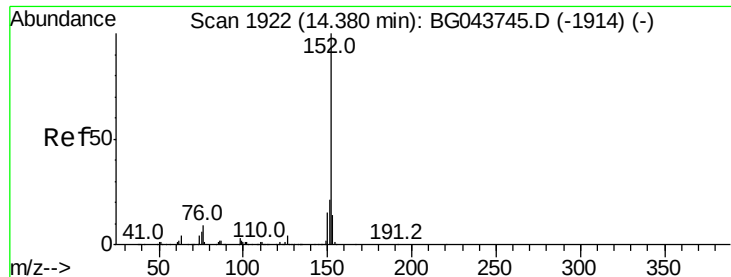
#48
2-Nitroaniline
Concen: 43.755 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	56.1	84.1
138	103.6	84.2	126.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.678 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

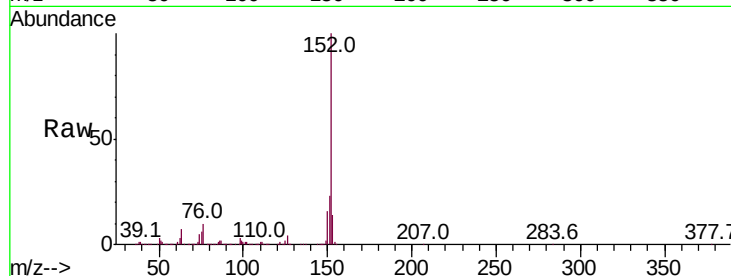
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 734310

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.6
153	14.1	10.8	16.2

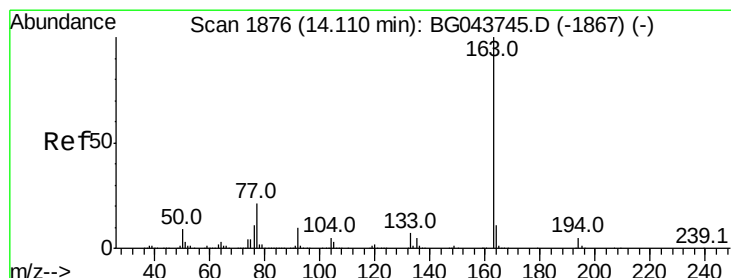
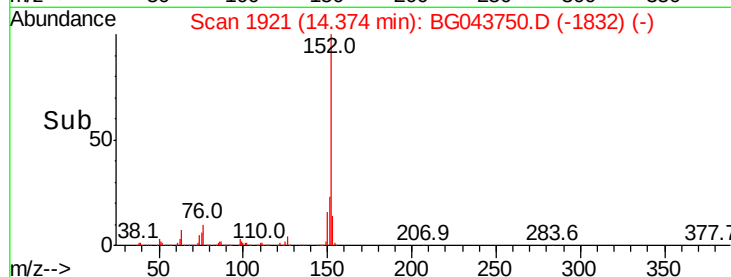
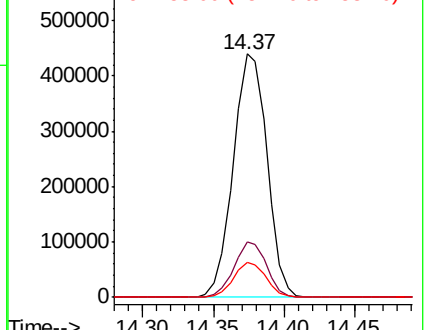


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.320 ng

RT: 14.11 min Scan# 1876

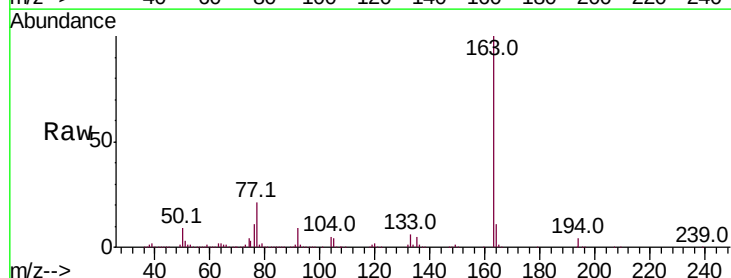
Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Tgt Ion:163 Resp: 648304

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.3	8.7	13.1

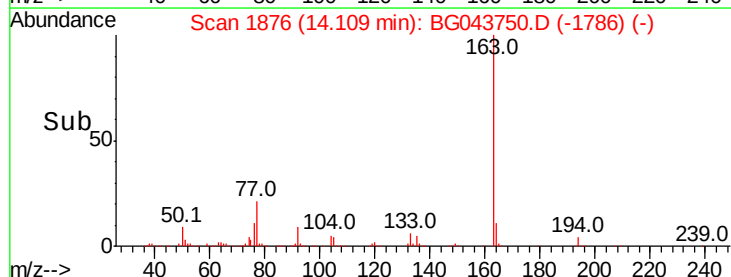
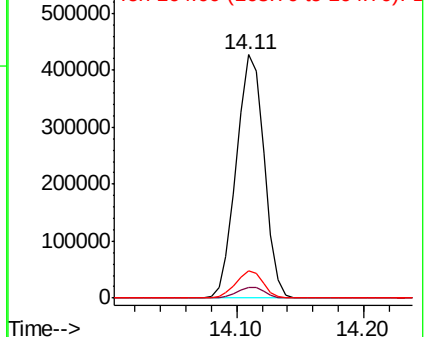


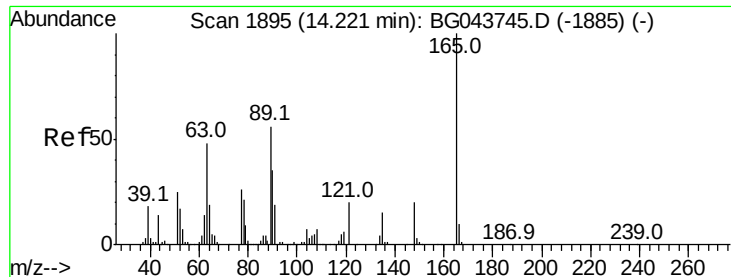
Abundance

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

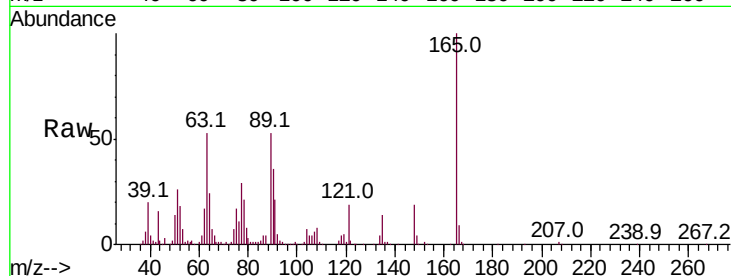




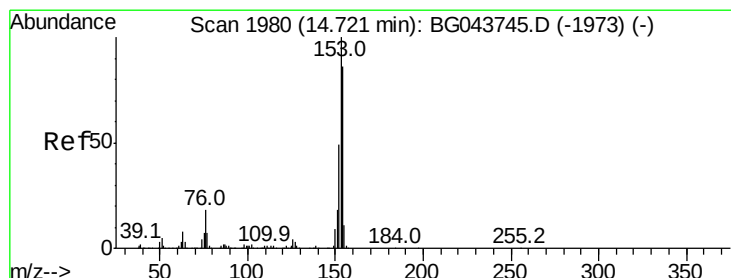
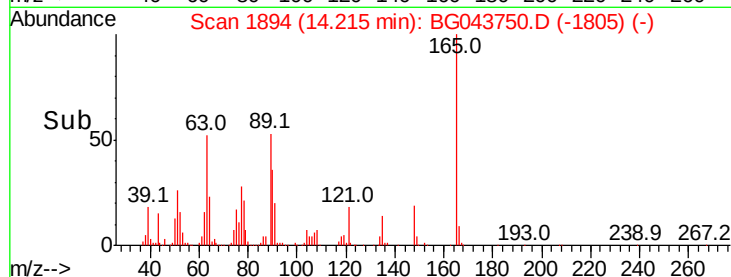
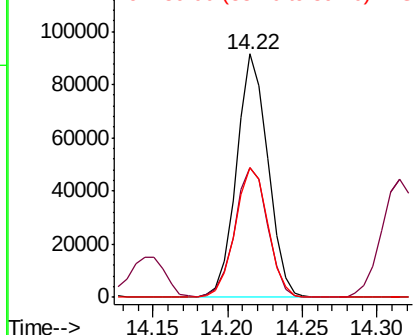
#51
 2,6-Dinitrotoluene
 Concen: 44.701 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	43.4	65.2
89	53.2	44.6	67.0

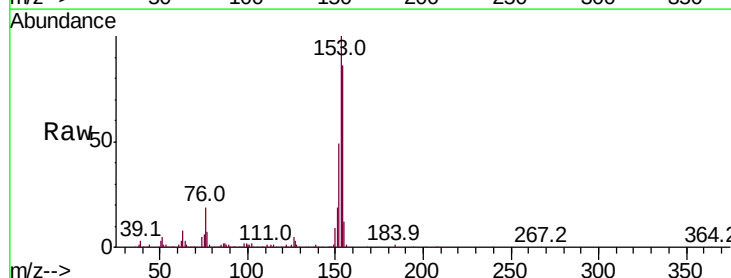


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

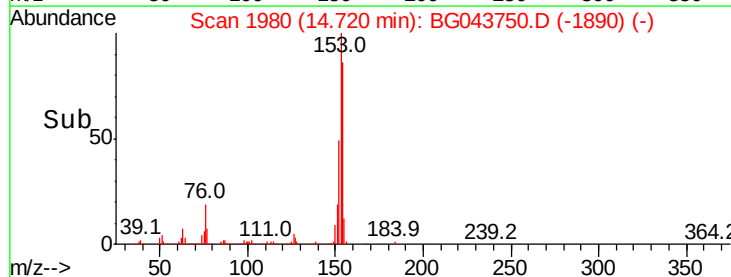
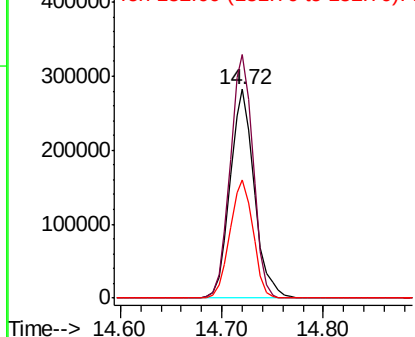


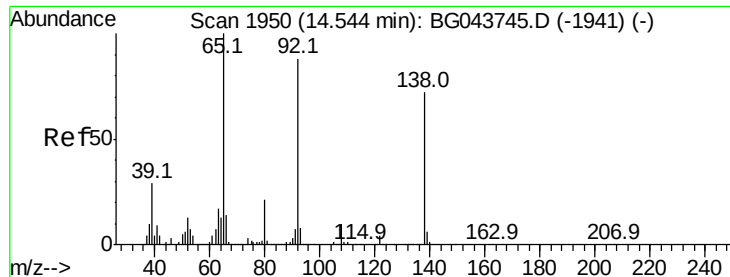
#52
 Acenaphthene
 Concen: 40.386 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.8	92.9	139.3
152	56.9	45.2	67.8



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: 42.506 ng

RT: 14.54 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampled :

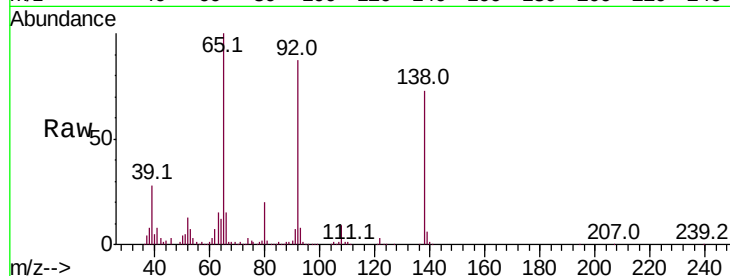
Tot Ion:138 Resp: 148246

Ion Ratio Lower Upper

138 100

108 12.8 11.7 17.5

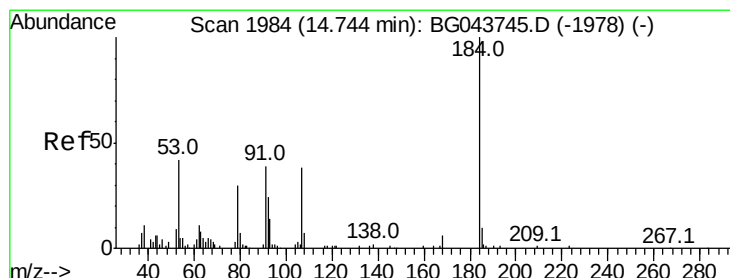
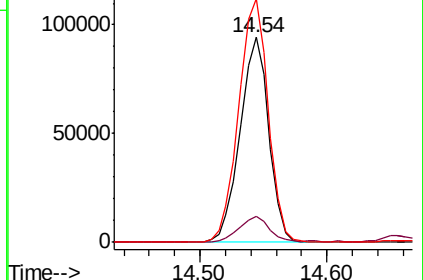
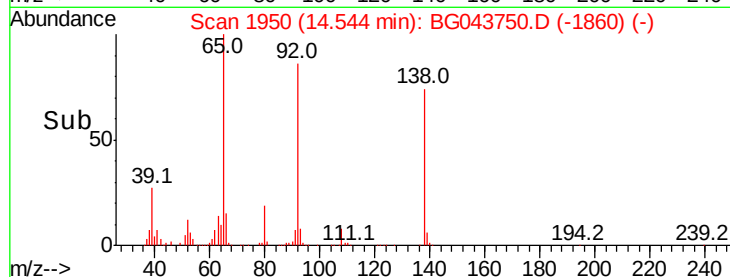
92 118.8 97.2 145.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 43.594 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

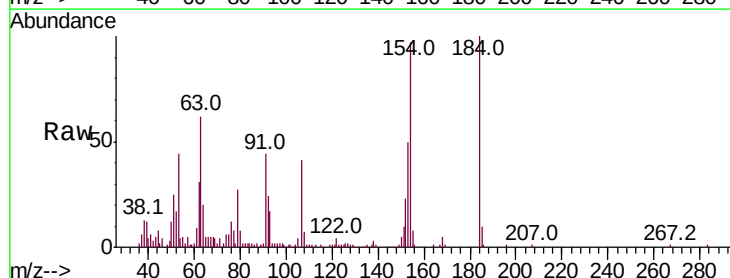
Tgt Ion:184 Resp: 53183

Ion Ratio Lower Upper

184 100

63 62.1 52.4 78.6

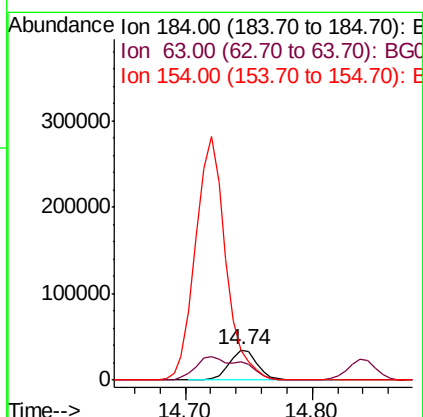
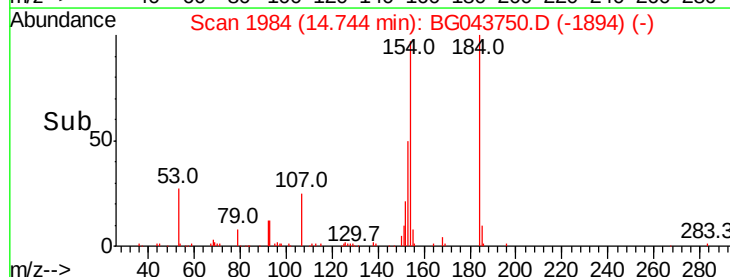
154 97.5 92.8 139.2

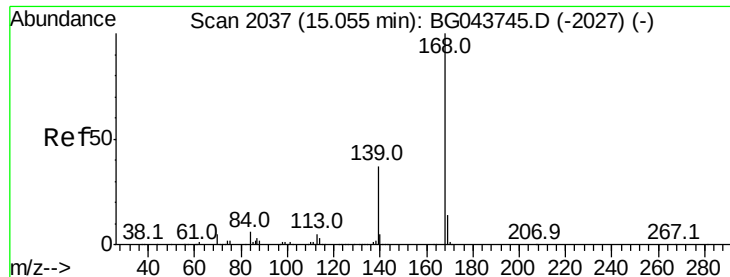


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.514 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

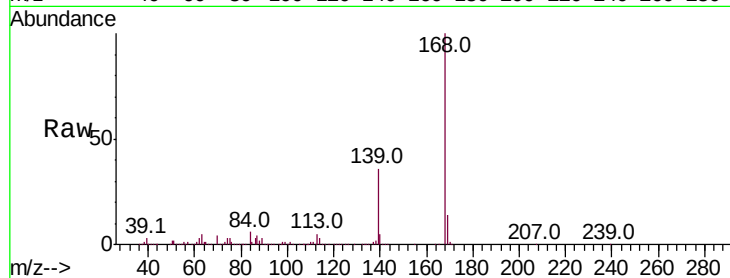
Tot Ion:168 Resp: 728613

Ion Ratio Lower Upper

168 100

139 36.0 29.4 44.2

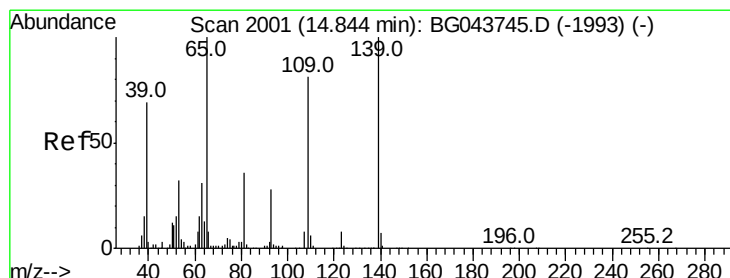
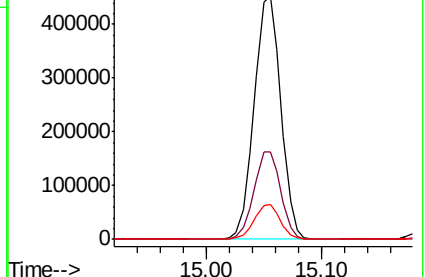
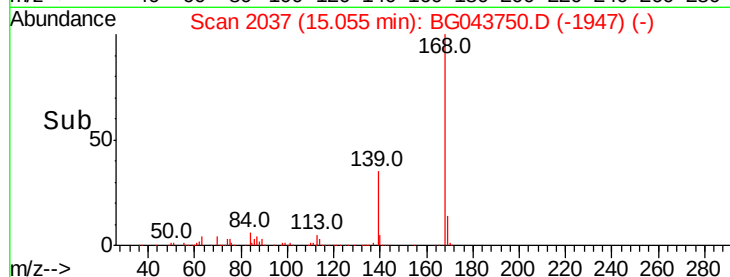
169 14.2 11.3 16.9



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: 42.037 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

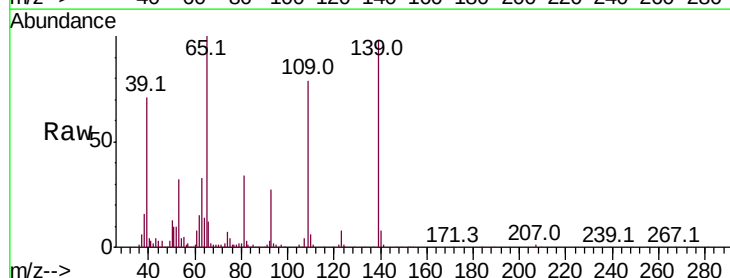
Tgt Ion:139 Resp: 123491

Ion Ratio Lower Upper

139 100

109 80.9 61.4 101.4

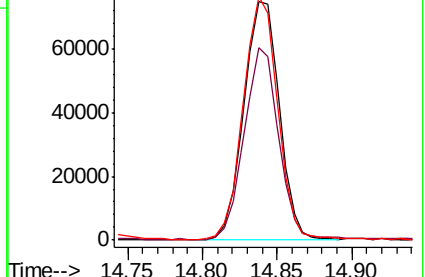
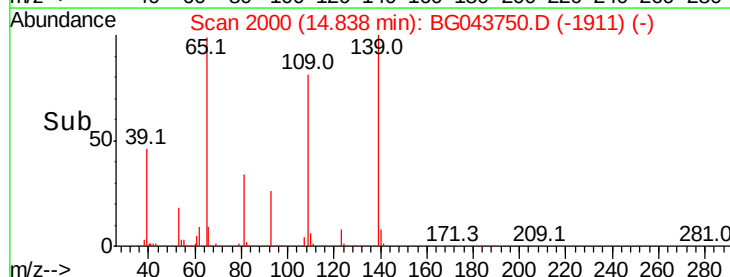
65 102.2 80.3 120.3

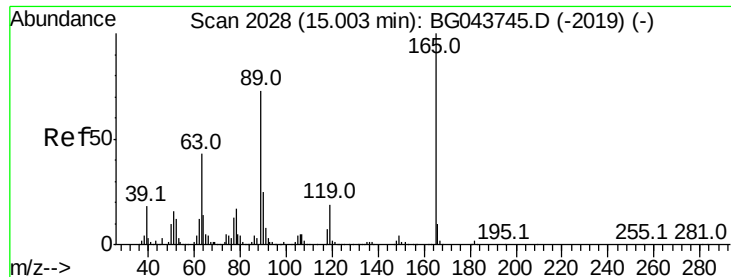


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

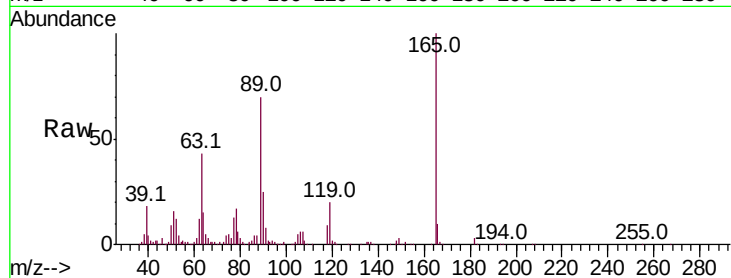




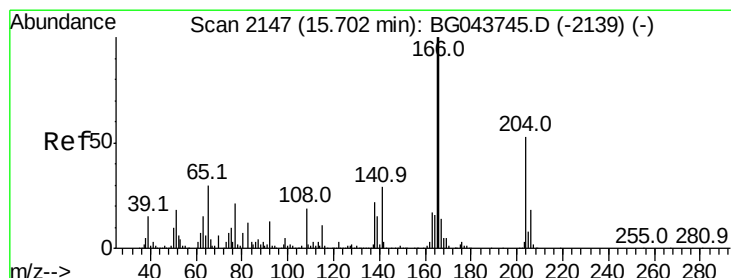
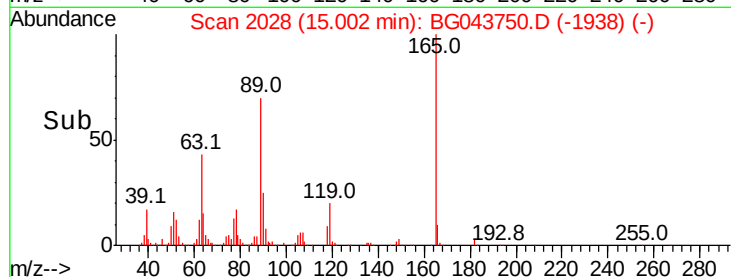
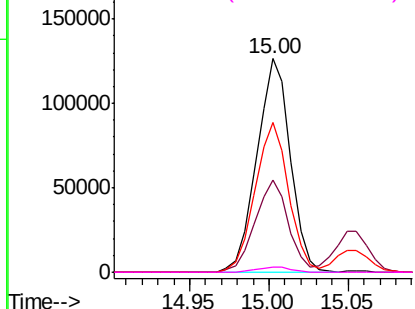
#57
2,4-Dinitrotoluene
Concen: 44.807 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	185547
Ion Ratio	Lower	Upper
165	100	
63	43.3	34.6 51.8
89	70.0	58.3 87.5
182	2.6	1.9 2.9

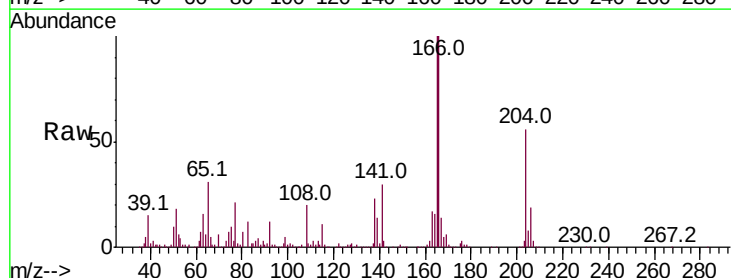


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

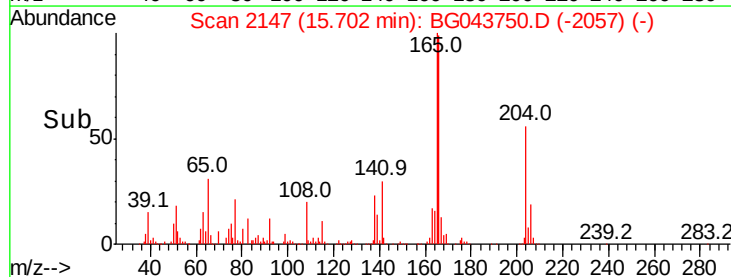
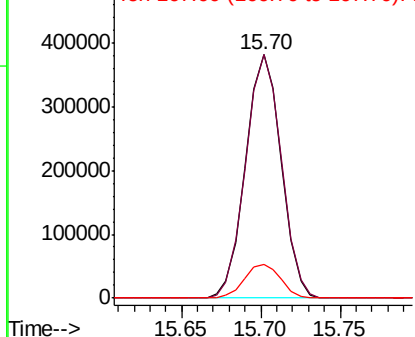


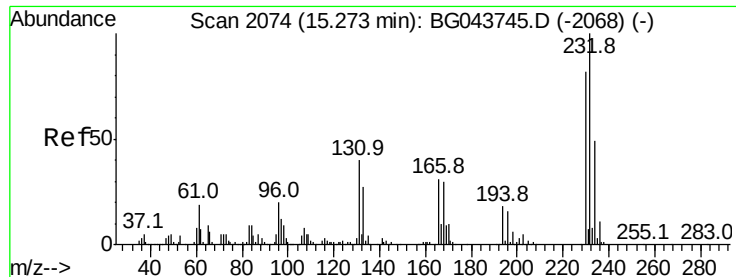
#58
Fluorene
Concen: 40.465 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion:166	Resp:	596799
Ion Ratio	Lower	Upper
166	100	
165	100.1	79.9 119.9
167	13.7	11.4 17.0



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

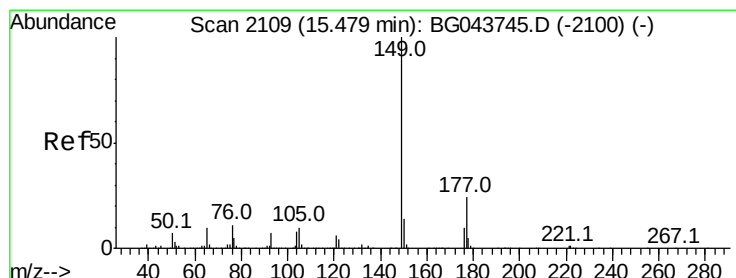
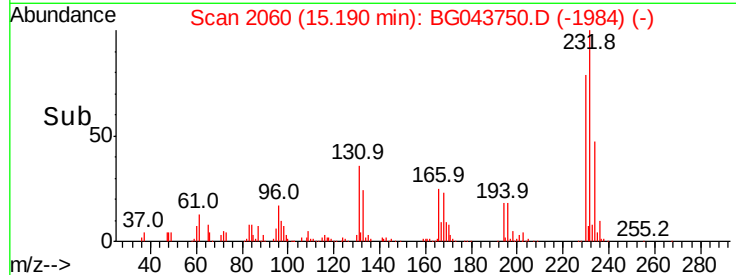
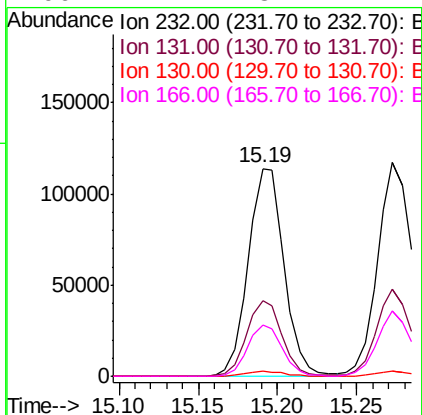
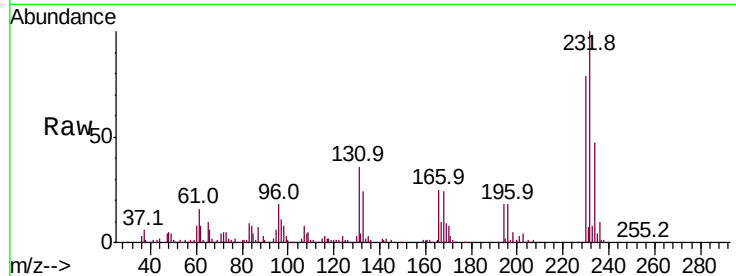




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.222 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.08 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

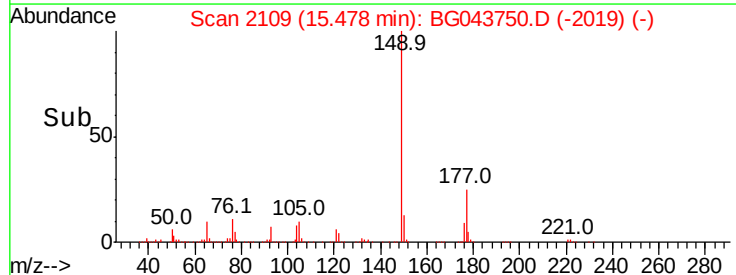
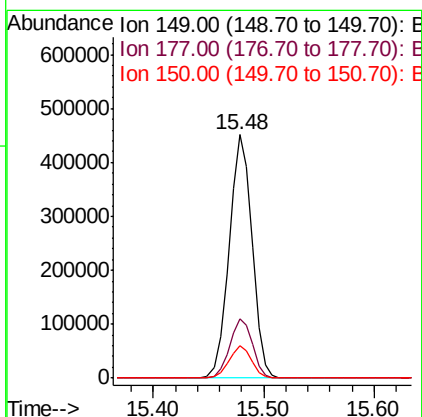
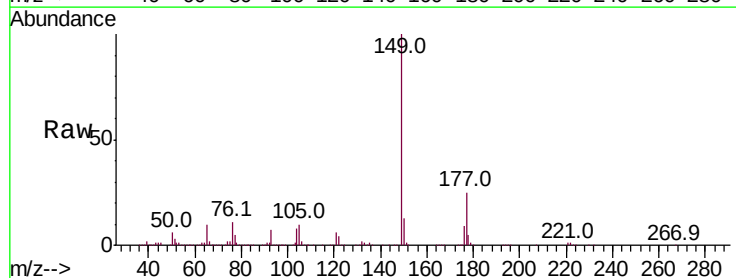
Instrument :
BNA_G
ClientSampleId :

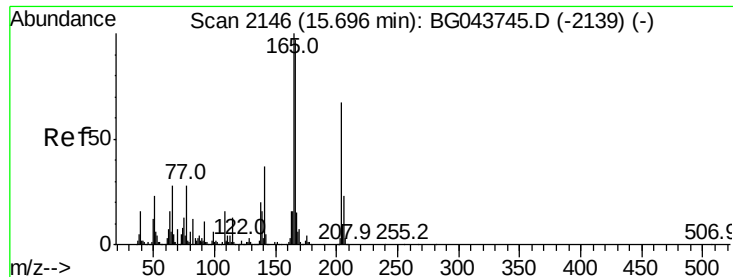
Tot Ion:232	Resp:	178915
Ion Ratio	Lower	Upper
232	100	
131	36.0	27.0 40.6
130	2.4	1.6 2.4
166	24.1	18.2 27.2



#60
Diethylphthalate
Concen: 38.952 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion:149	Resp:	655462
Ion Ratio	Lower	Upper
149	100	
177	24.6	19.3 28.9
150	13.4	11.1 16.7

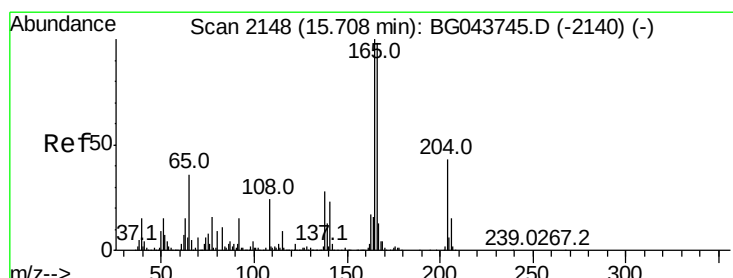
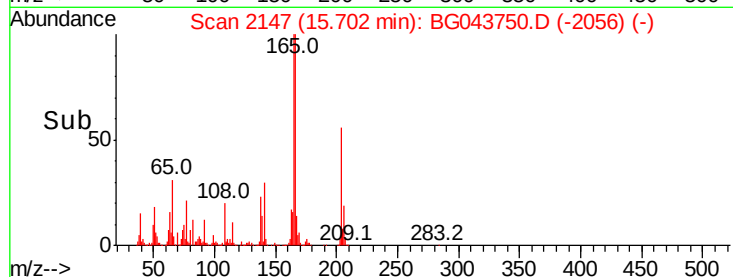
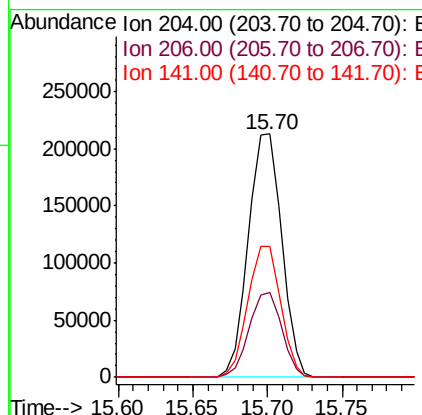
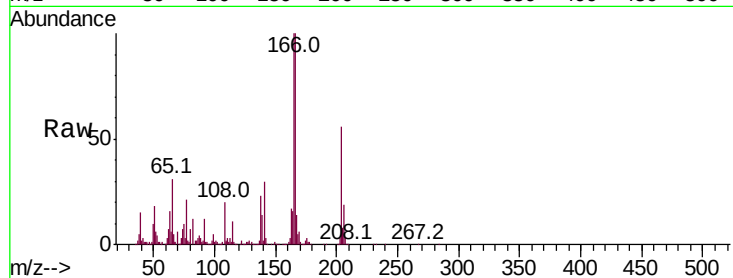




#61
4-Chlorophenyl-phenylether
Concen: 40.511 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

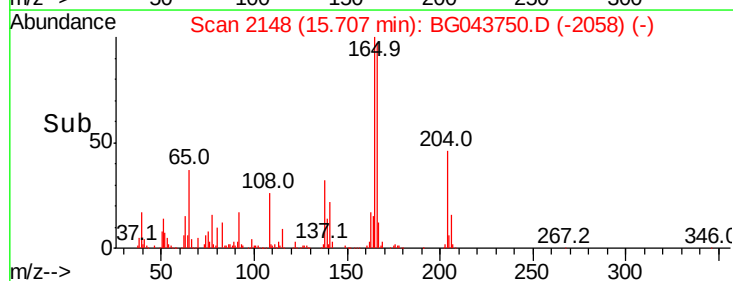
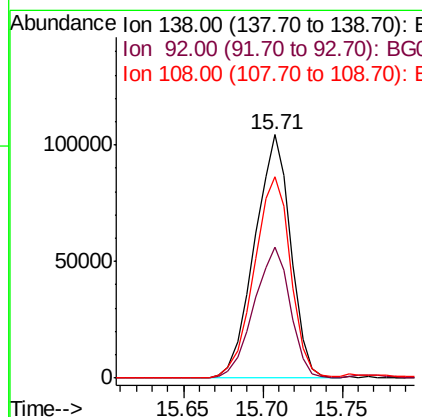
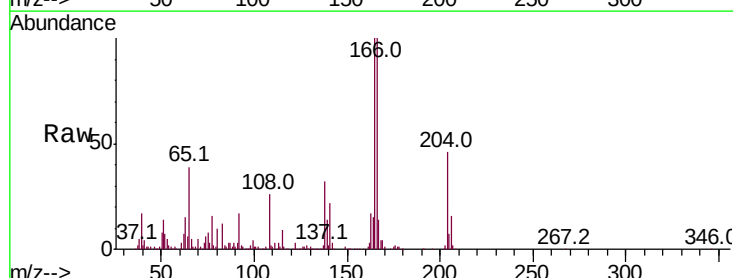
Instrument :
BNA_G
ClientSampled :

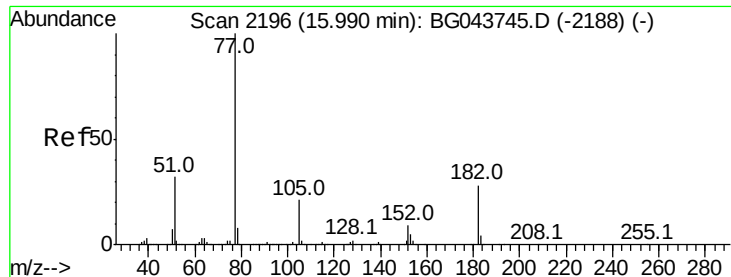
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.4	41.0
141	53.9	44.3	66.5



#62
4-Nitroaniline
Concen: 41.209 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	34.6	74.6
108	82.7	65.7	105.7





#63

Azobenzene

Concen: 39.722 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 601133

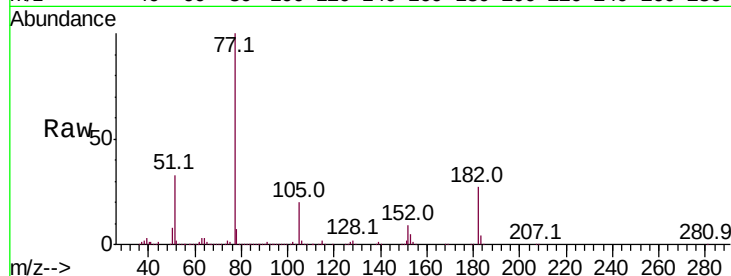
Ion Ratio Lower Upper

77 100

182 27.4 7.6 47.6

105 20.3 0.7 40.7

51 32.9 12.1 52.1

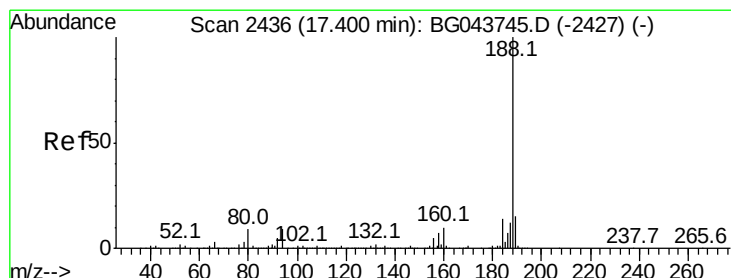
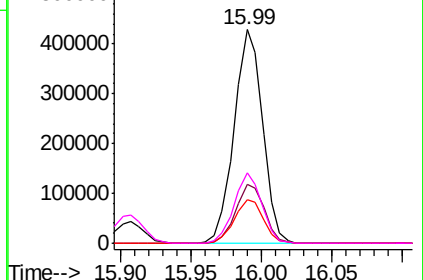
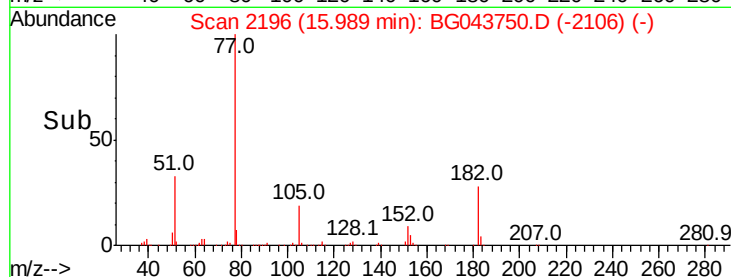


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043750.D

Acq: 22 Nov 2019 20:33

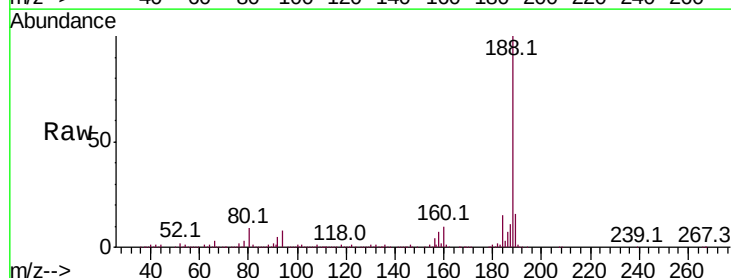
Tgt Ion: 188 Resp: 505799

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

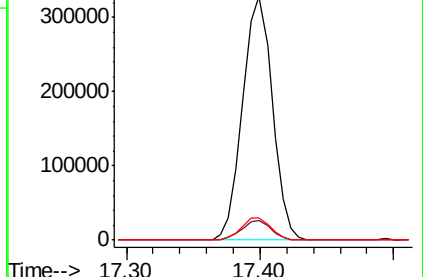
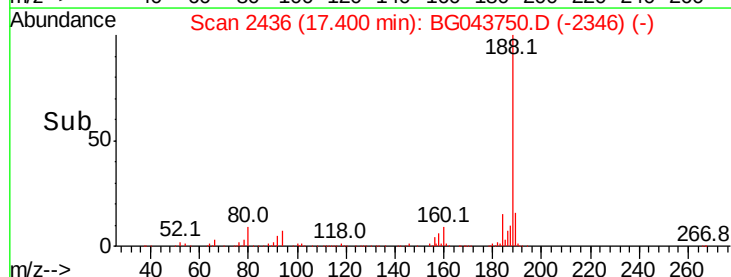
80 9.0 7.5 11.3

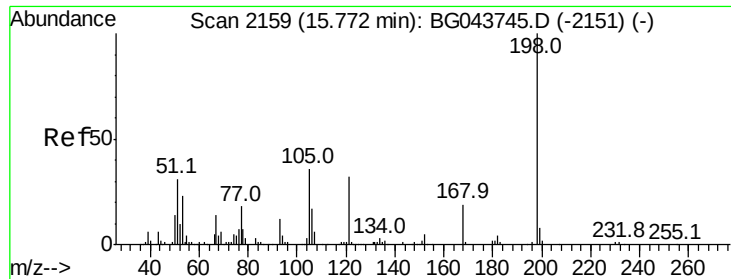


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

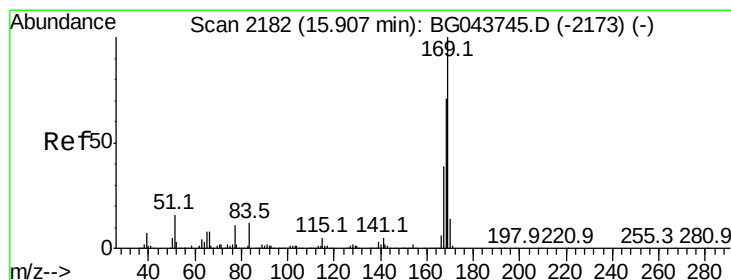
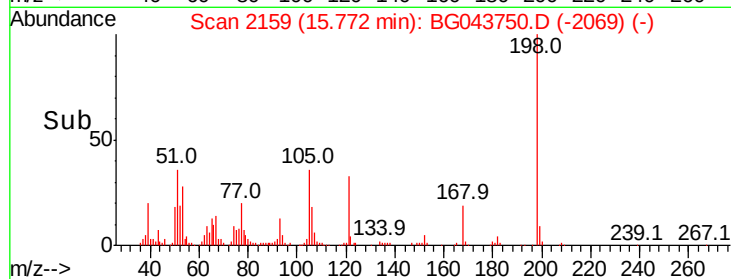
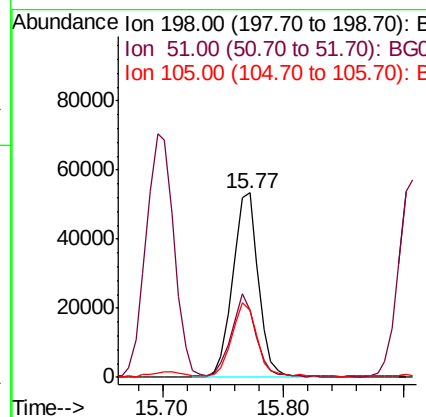
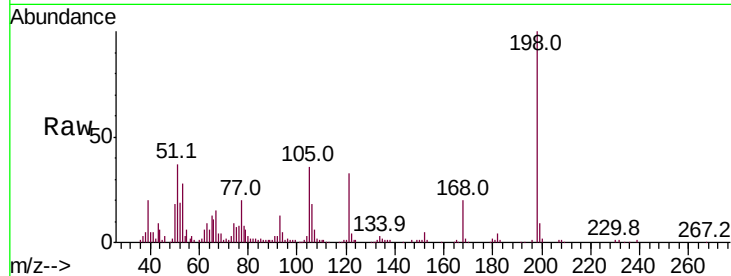




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.863 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

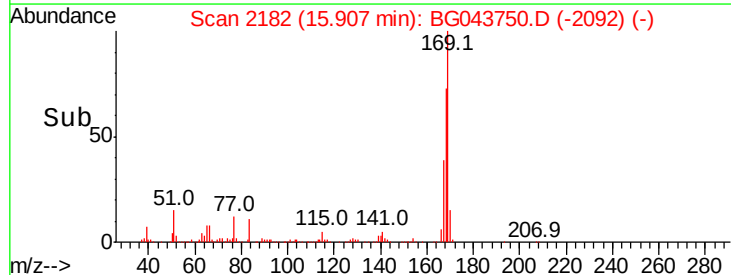
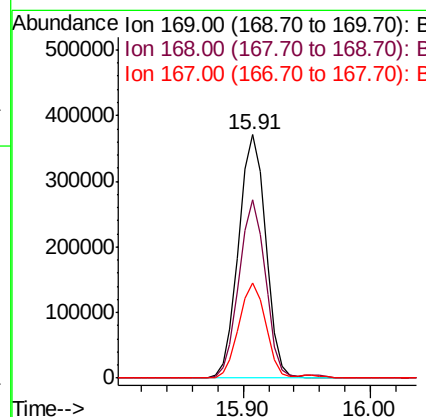
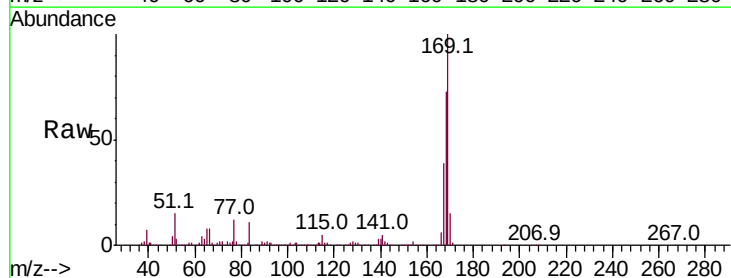
Instrument :
 BNA_G
 ClientSampleId :

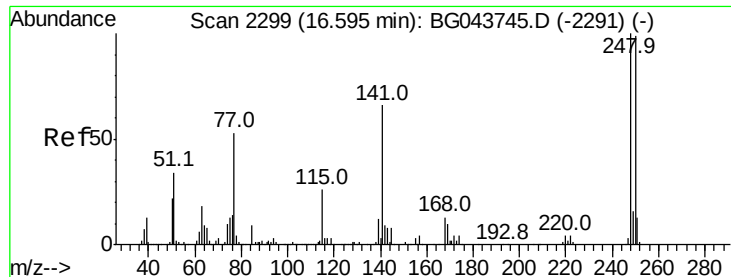
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	16.8	56.8
105	36.2	17.3	57.3



#66
 n-Nitrosodiphenylamine
 Concen: 41.007 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.4	56.6	85.0
167	39.2	30.8	46.2





#67

4-Bromophenyl-phenylether

Concen: 41.814 ng

RT: 16.59 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampled :

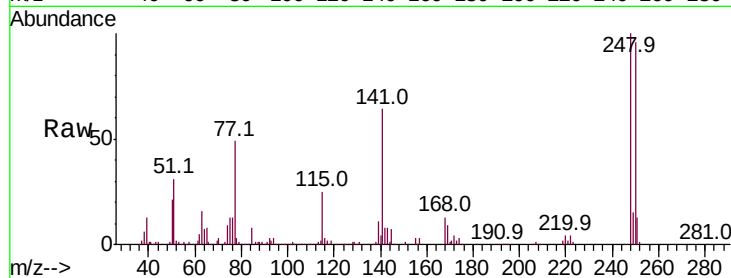
Tot Ion:248 Resp: 223031

Ion Ratio Lower Upper

248 100

250 96.2 79.3 118.9

141 64.5 53.0 79.6

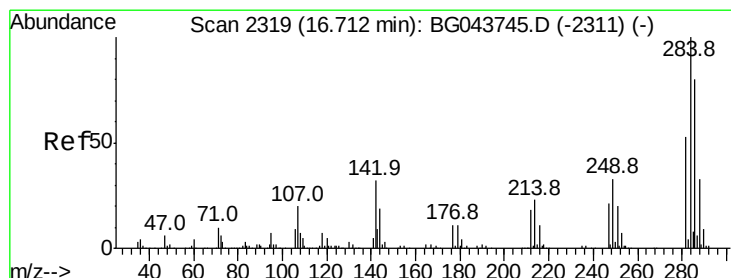
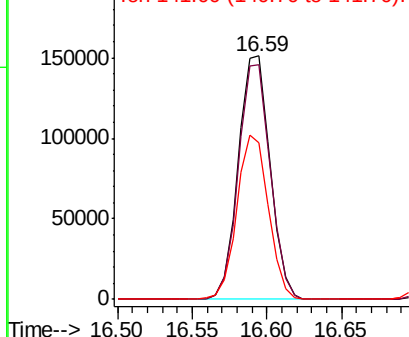
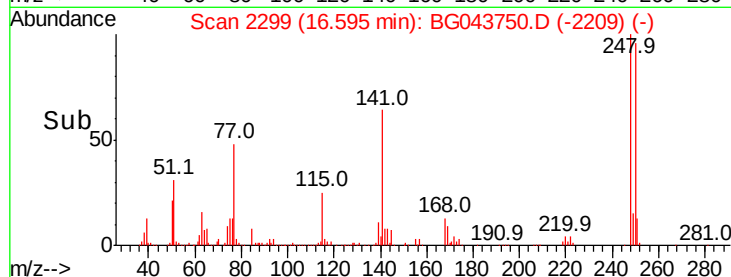


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.072 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

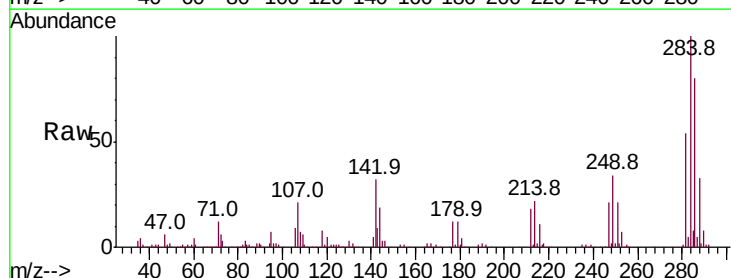
Tgt Ion:284 Resp: 239499

Ion Ratio Lower Upper

284 100

142 31.6 25.4 38.0

249 34.2 26.2 39.4

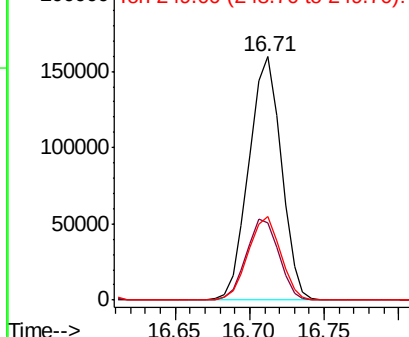
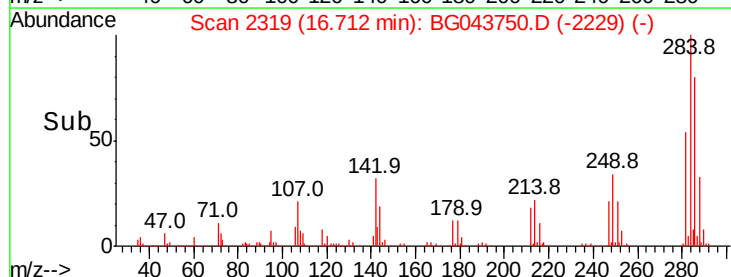


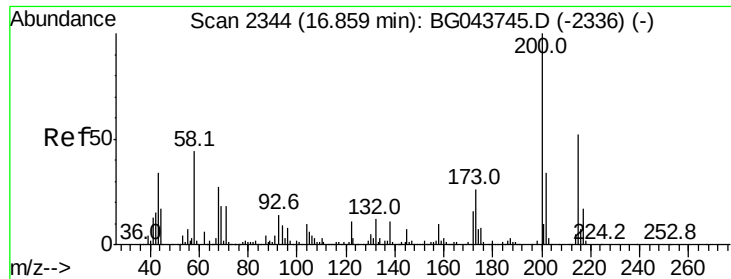
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.314 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

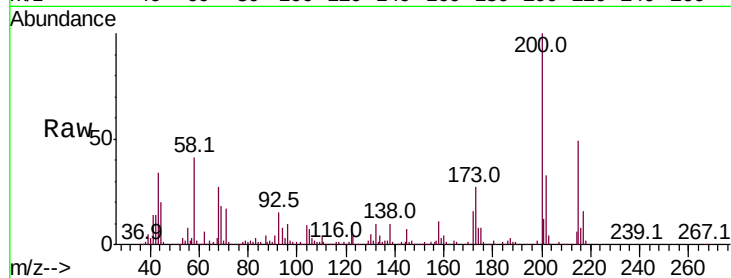
Tot Ion:200 Resp: 216370

Ion Ratio Lower Upper

200 100

173 26.7 6.0 46.0

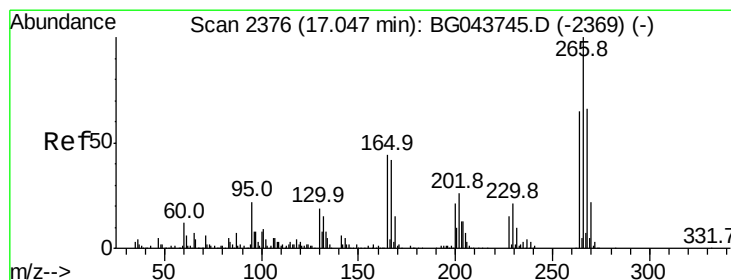
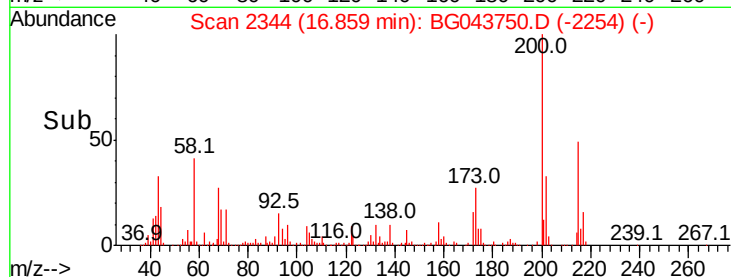
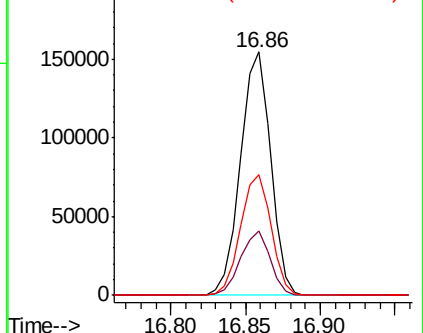
215 49.4 32.4 72.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.738 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

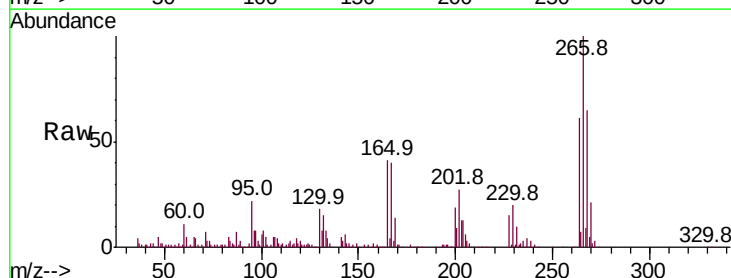
Tgt Ion:266 Resp: 155629

Ion Ratio Lower Upper

266 100

268 65.3 52.9 79.3

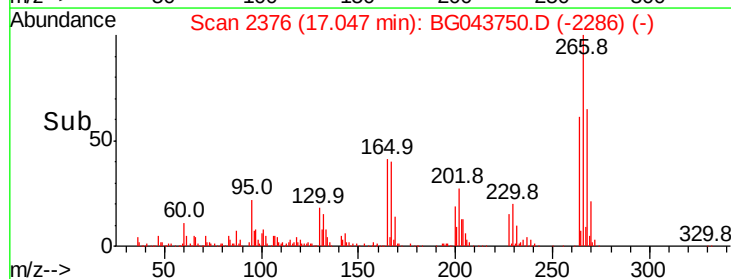
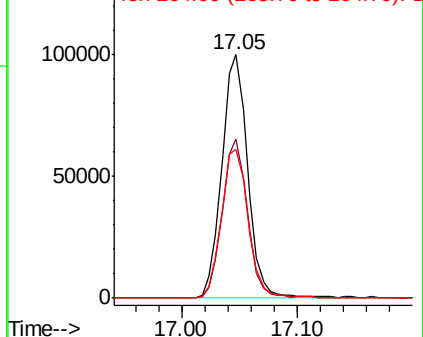
264 61.1 51.6 77.4

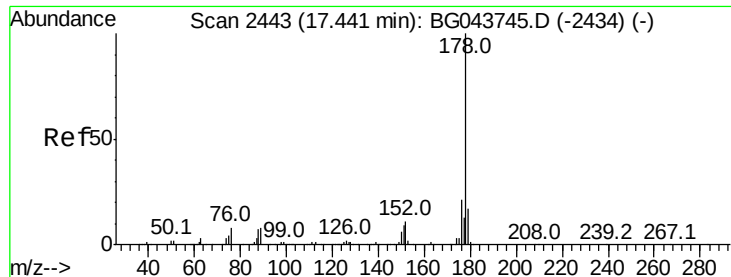


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



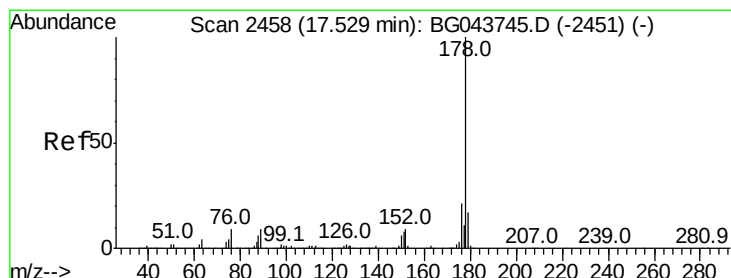
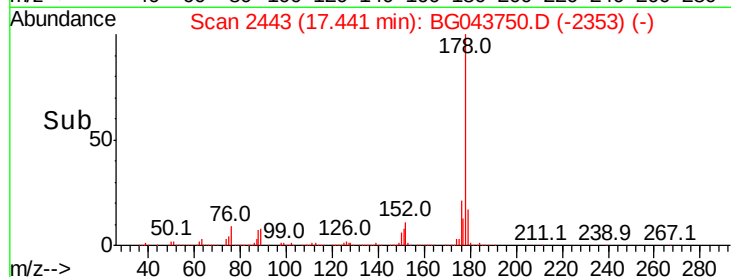
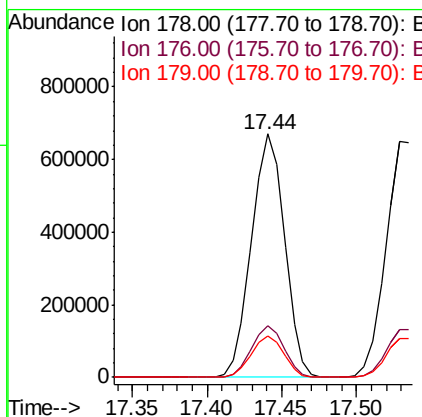
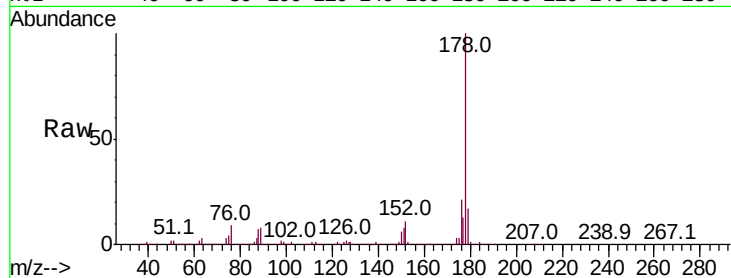


#71
 Phenanthrene
 Concen: 41.121 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1029152

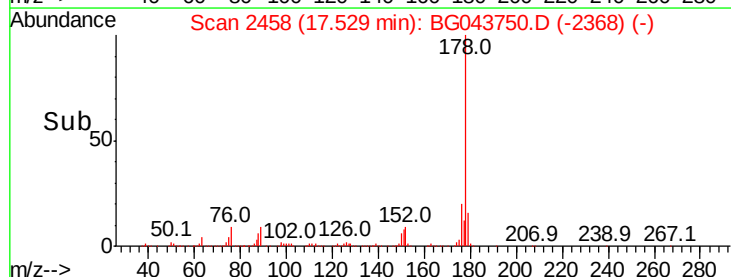
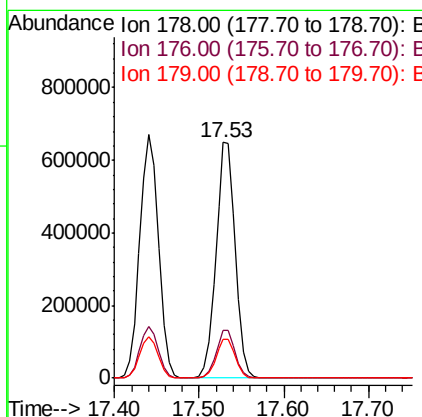
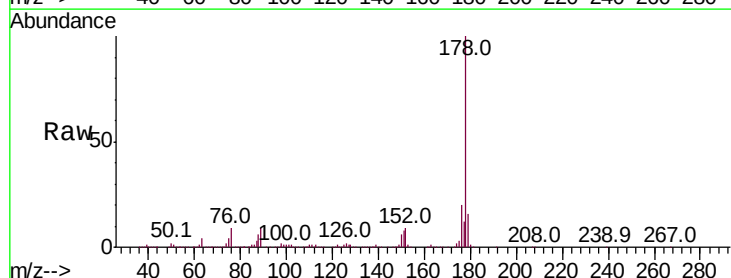
Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.9	25.3
179	17.0	13.5	20.3

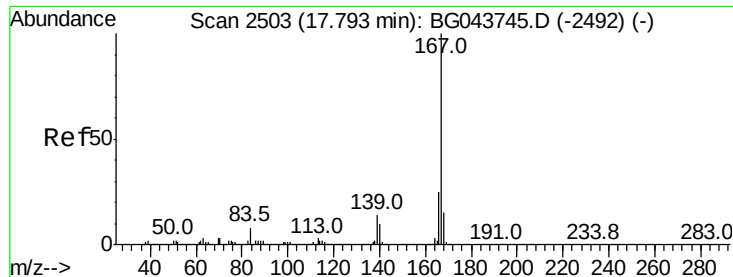


#72
 Anthracene
 Concen: 40.898 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion:178 Resp: 1033967

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	16.4	13.4	20.2

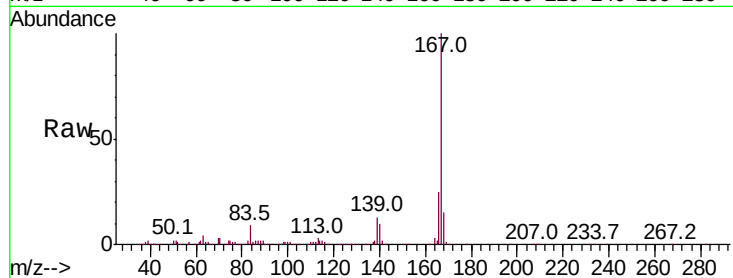




#73
 Carbazole
 Concen: 39.051 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.3	10.9	16.3

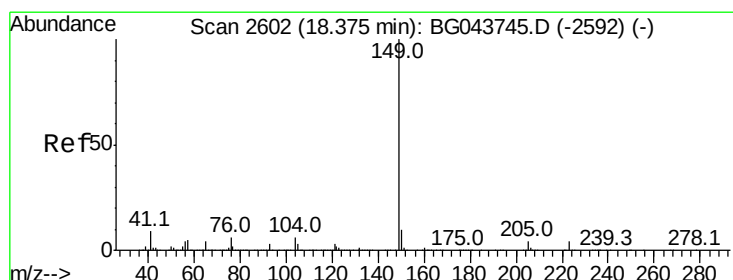
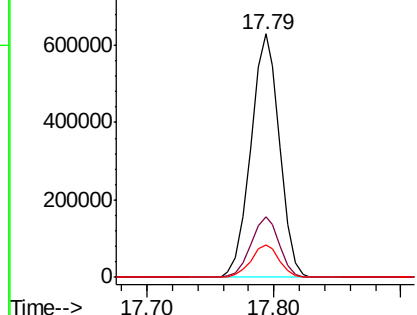
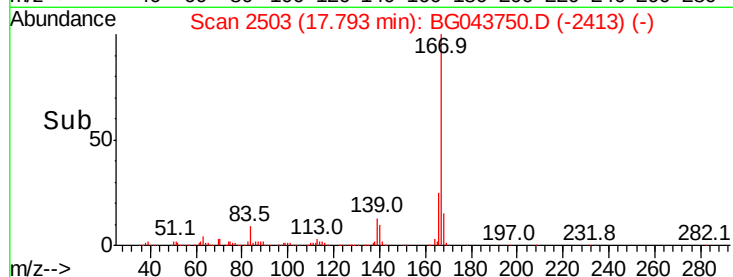


Abundance

Ion 167.00 (166.70 to 167.70): E

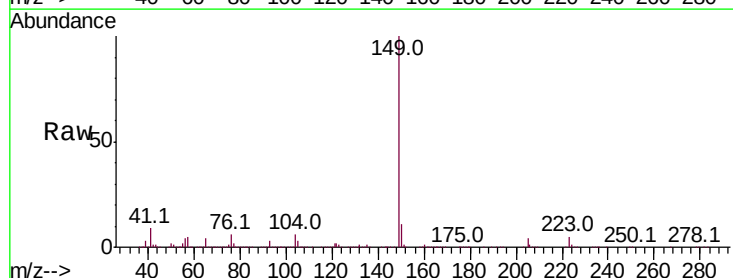
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.410 ng
 RT: 18.37 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.4	12.6
104	5.9	4.6	7.0

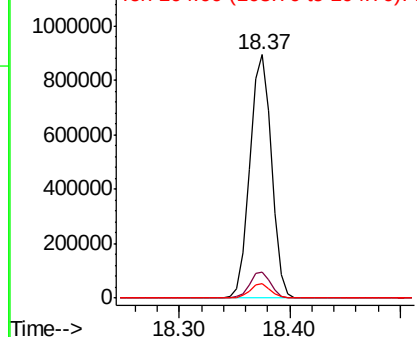
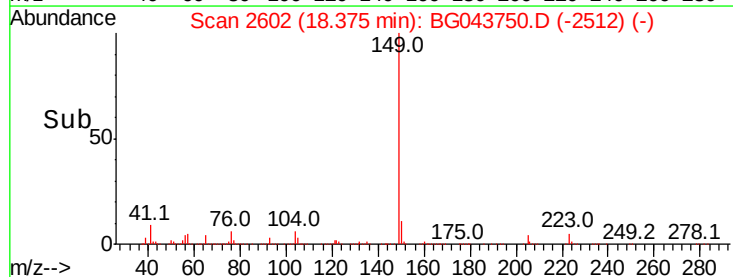


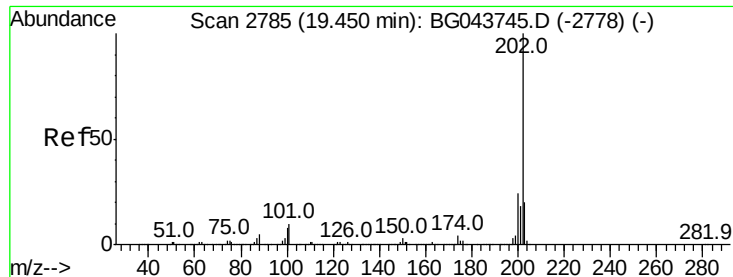
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.179 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

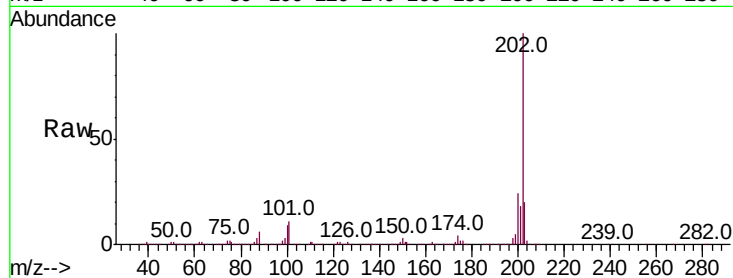
Tot Ion:202 Resp: 1370658

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.1

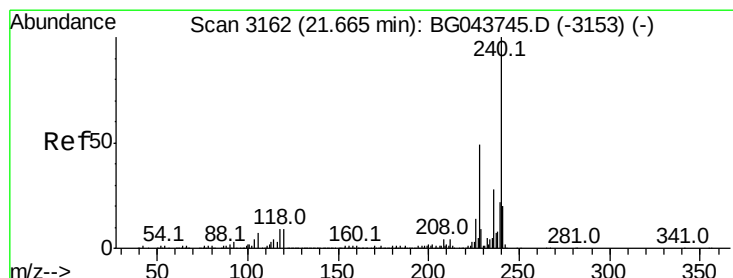
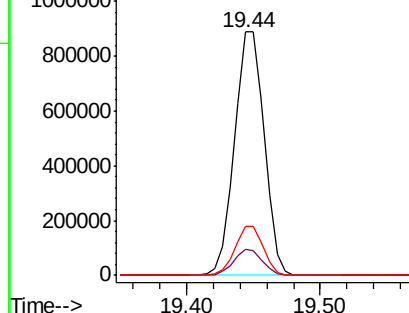
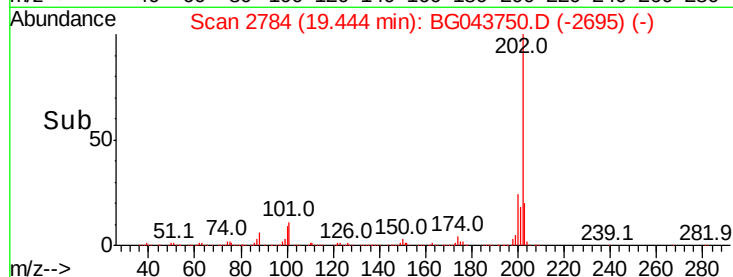
203 19.9 0.0 39.7



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: BG043750.D

Acq: 22 Nov 2019 20:33

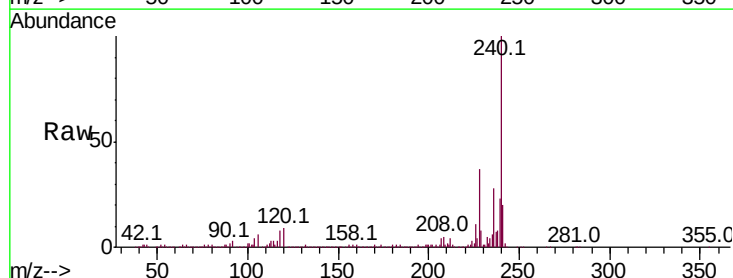
Tgt Ion:240 Resp: 534031

Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

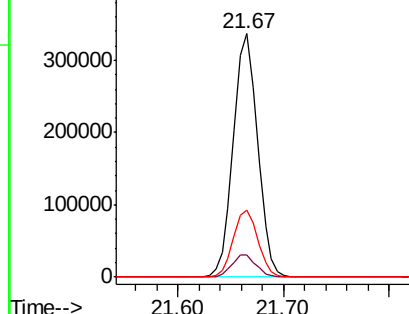
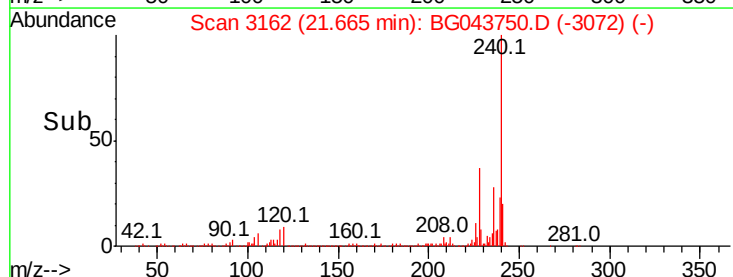
236 27.6 22.6 34.0

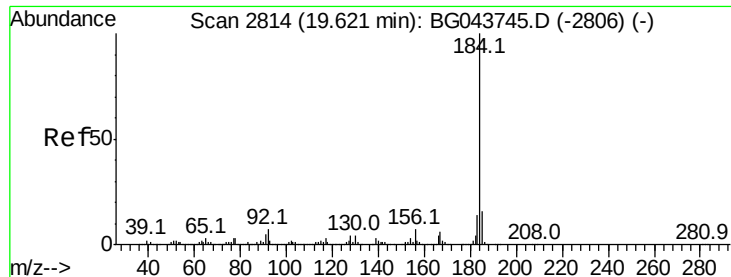


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.416 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampled :

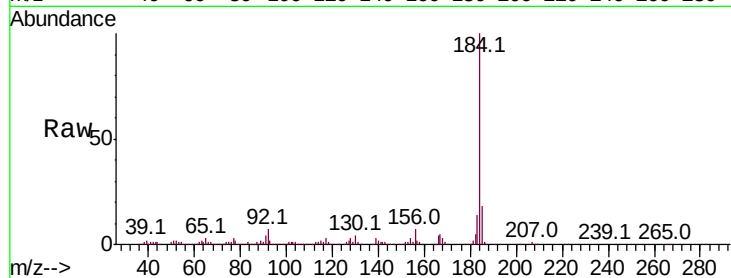
Tot Ion:184 Resp: 583672

Ion Ratio Lower Upper

184 100

185 17.6 12.8 19.2

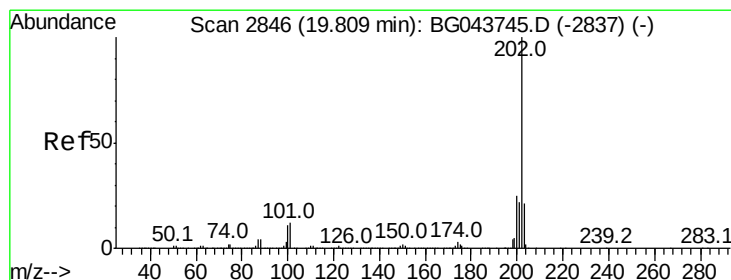
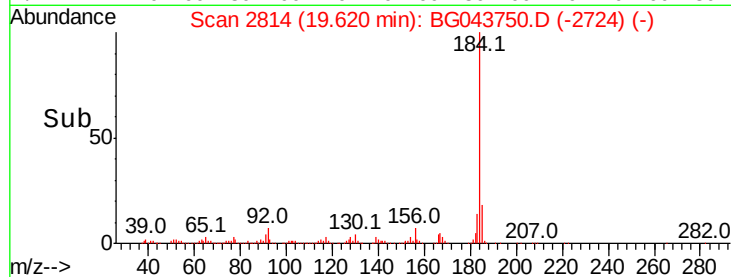
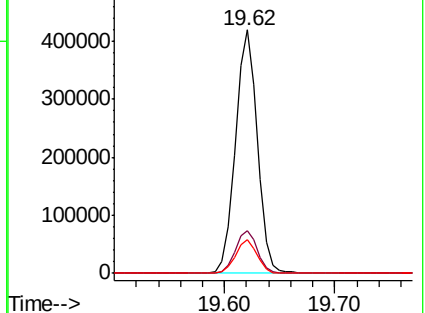
183 13.9 11.3 16.9



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: 40.660 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

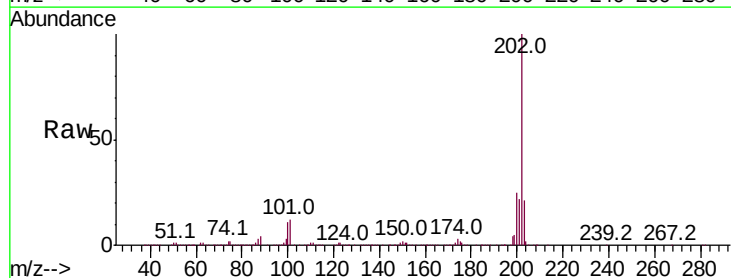
Tgt Ion:202 Resp: 1401380

Ion Ratio Lower Upper

202 100

200 25.1 19.8 29.6

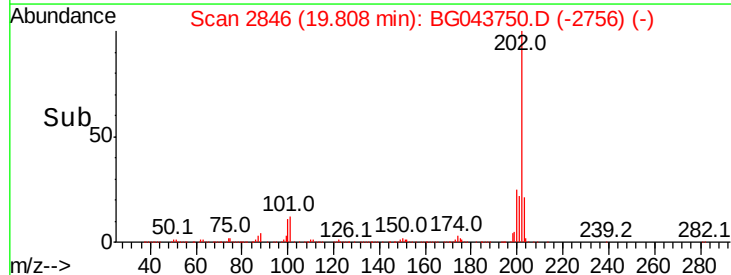
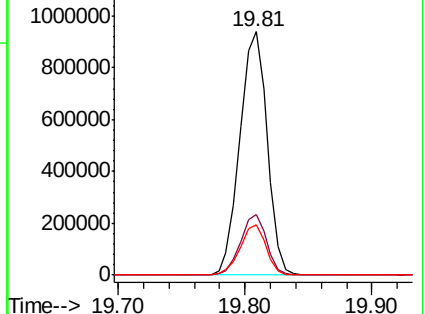
203 20.5 16.6 24.8

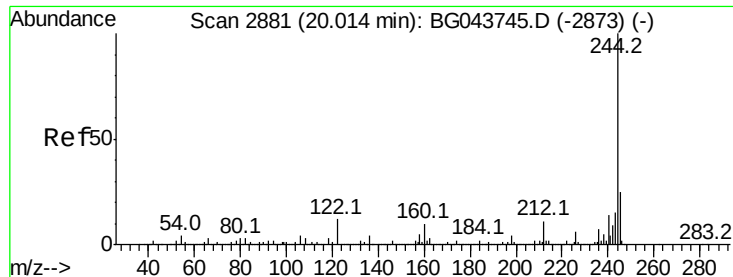


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.741 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

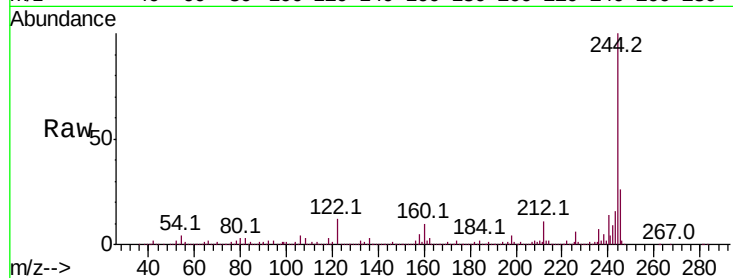
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1979097

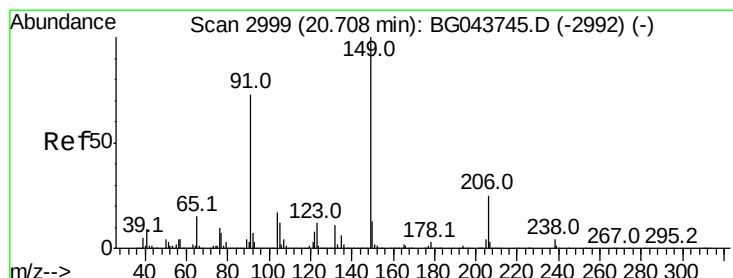
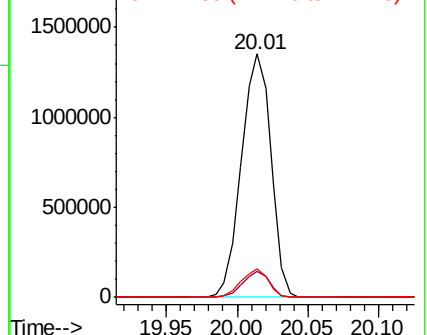
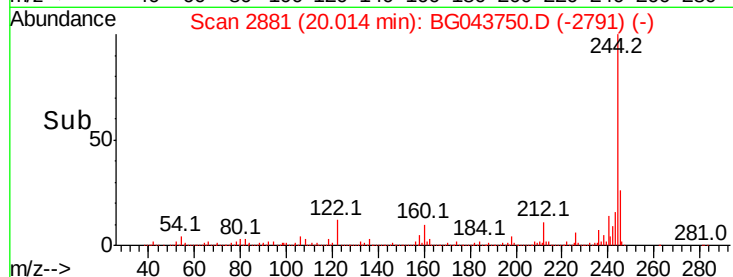
Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.5	12.7
122	11.7	9.5	14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.316 ng

RT: 20.71 min Scan# 2999

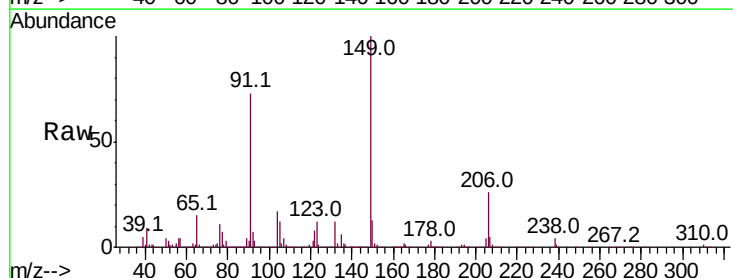
Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Tgt Ion:149 Resp: 664387

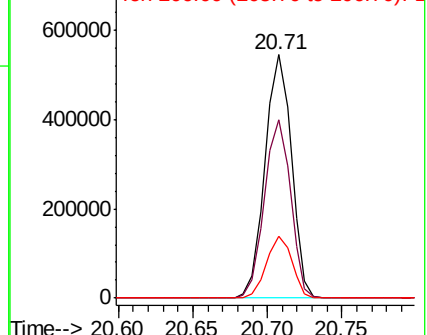
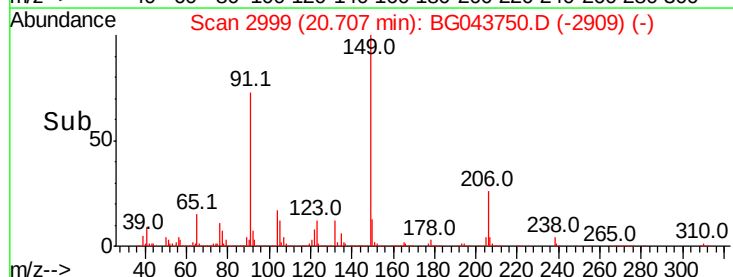
Ion	Ratio	Lower	Upper
149	100		
91	73.3	58.8	88.2
206	25.6	19.8	29.6

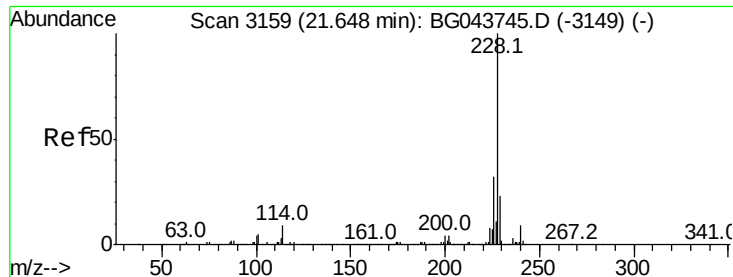


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.242 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

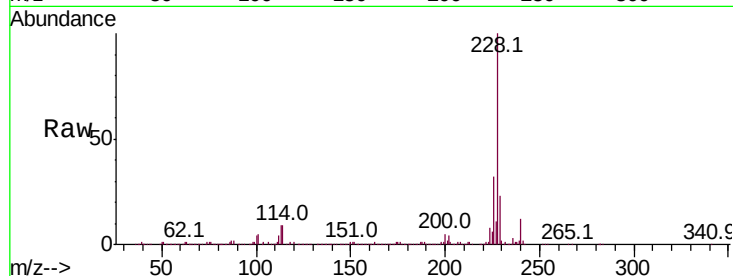
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1436690

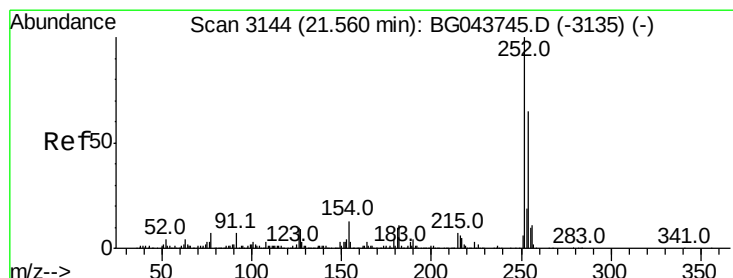
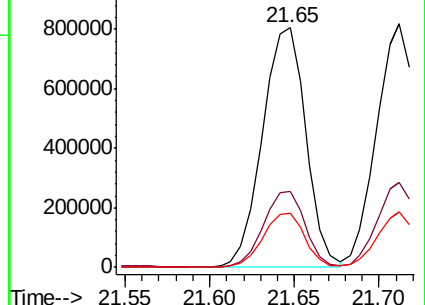
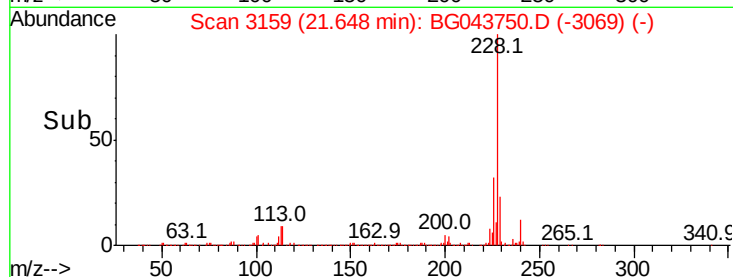
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.2
229	22.5	18.1	27.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.824 ng

RT: 21.56 min Scan# 3144

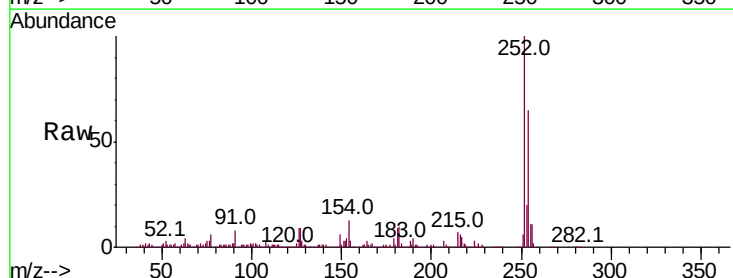
Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Tgt Ion:252 Resp: 479617

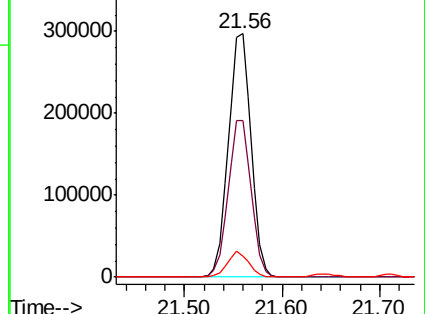
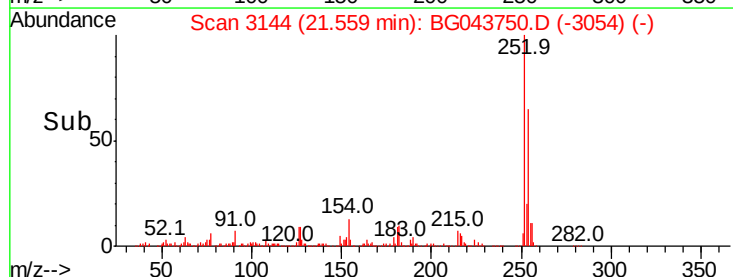
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	8.7	7.8	11.6

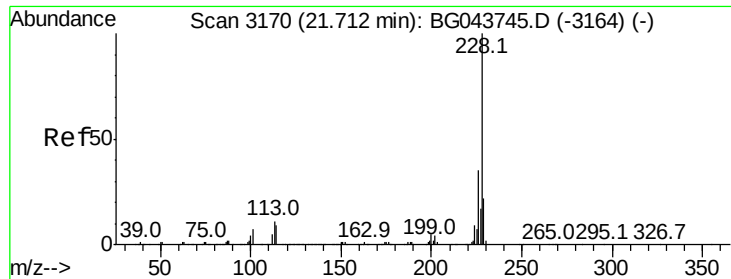


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



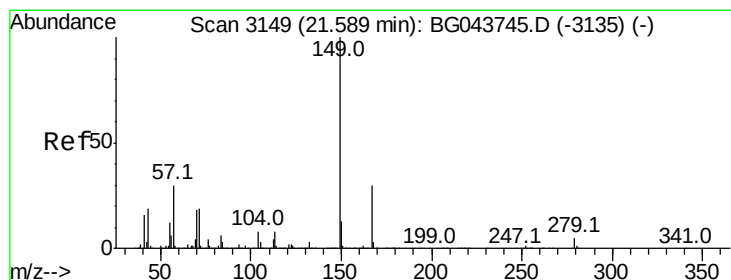
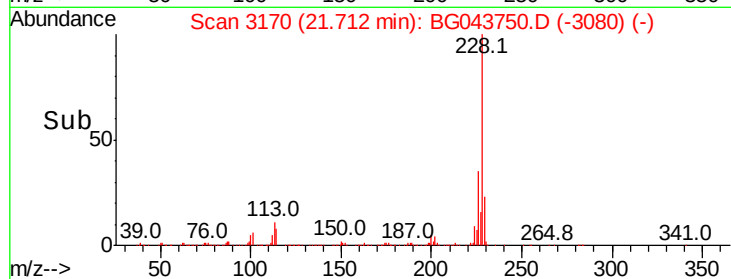
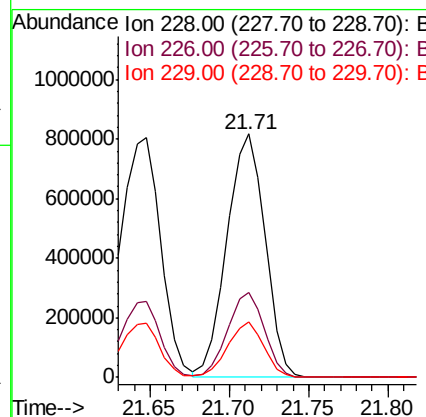
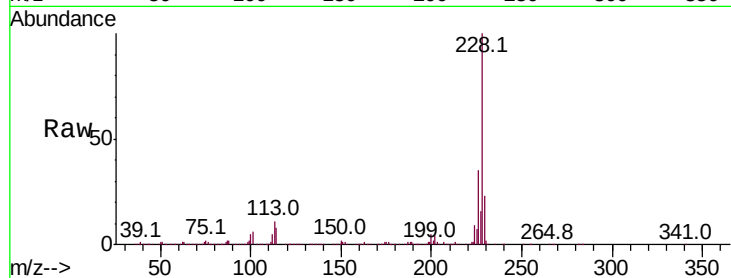


#83
 Chrysene
 Concen: 40.209 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1358365

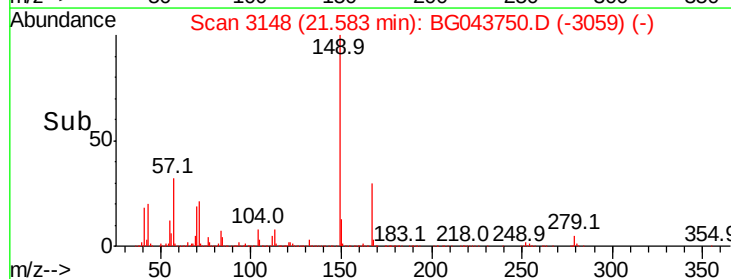
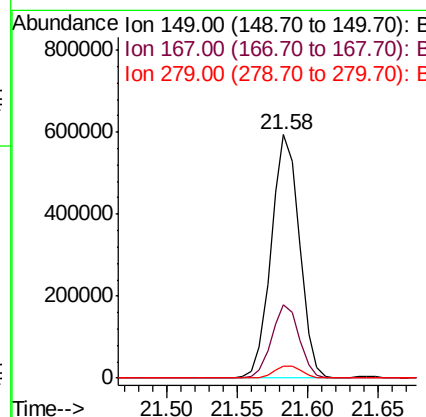
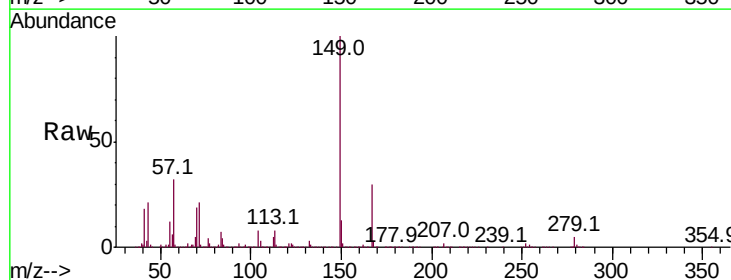
Ion	Ratio	Lower	Upper
228	100		
226	35.1	27.8	41.8
229	22.9	17.9	26.9

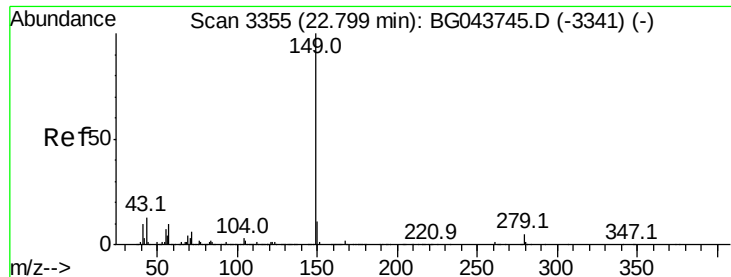


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.744 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG043750.D
 Acq: 22 Nov 2019 20:33

Tgt Ion:149 Resp: 833815

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.8	35.6
279	4.7	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 33.181 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

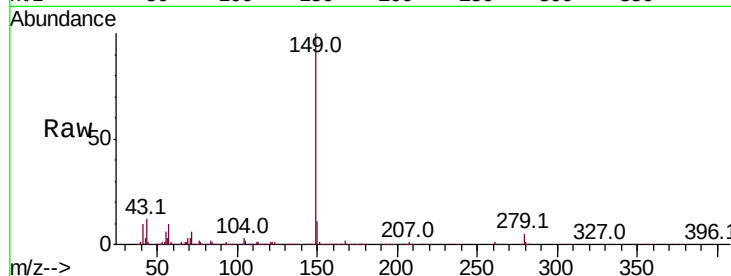
Tot Ion:149 Resp: 1188965

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

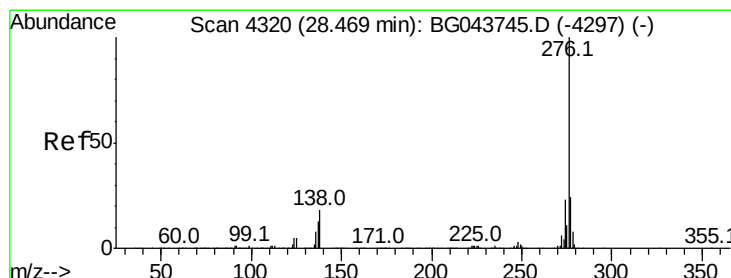
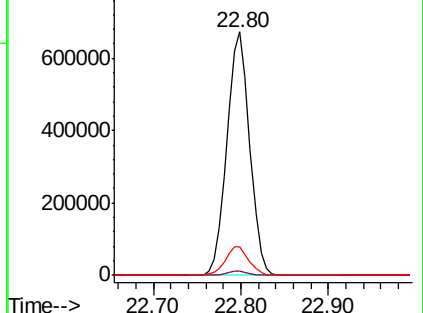
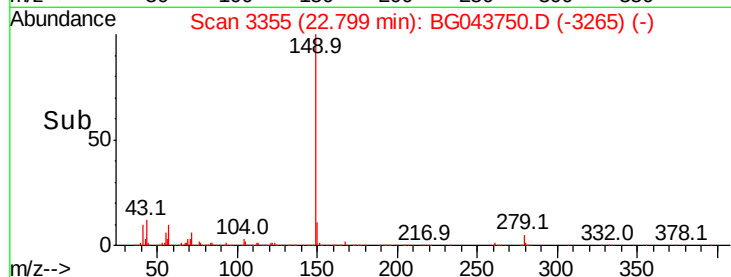
43 11.7 9.8 14.6



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: 32.517 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

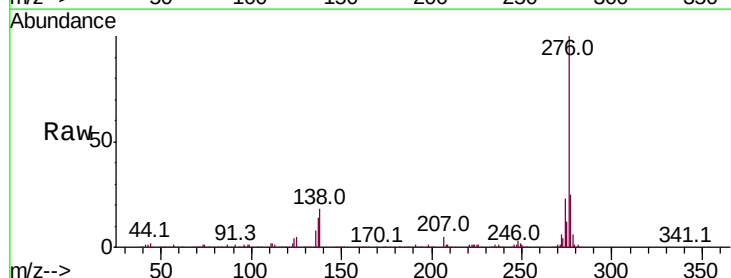
Tgt Ion:276 Resp: 1277807

Ion Ratio Lower Upper

276 100

138 15.5 14.5 21.7

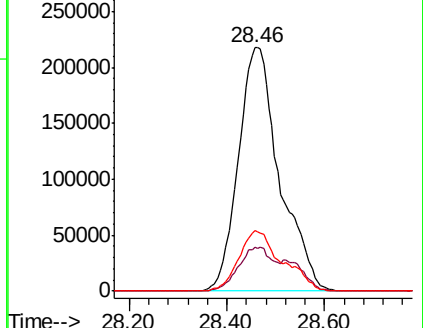
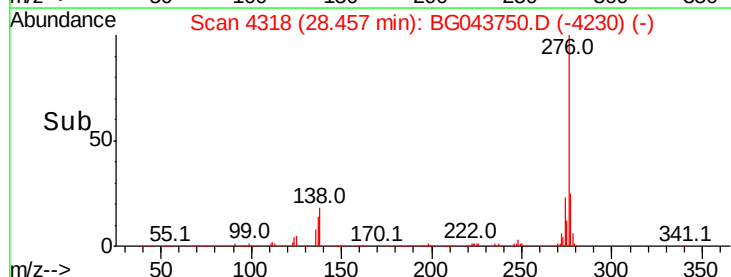
277 26.1 21.1 31.7

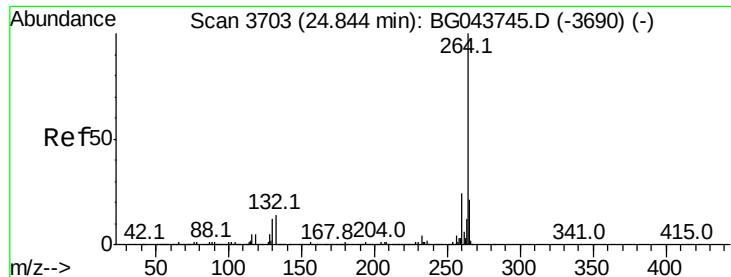


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

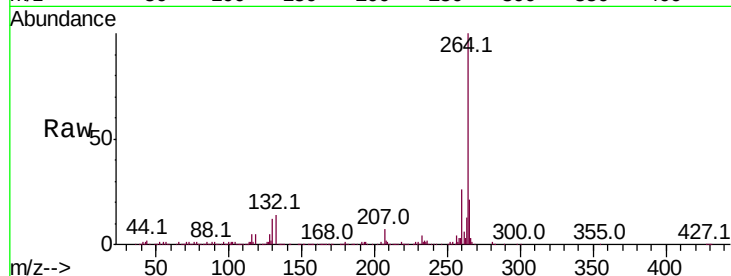
Tot Ion:264 Resp: 456302

Ion Ratio Lower Upper

264 100

260 25.6 19.4 29.2

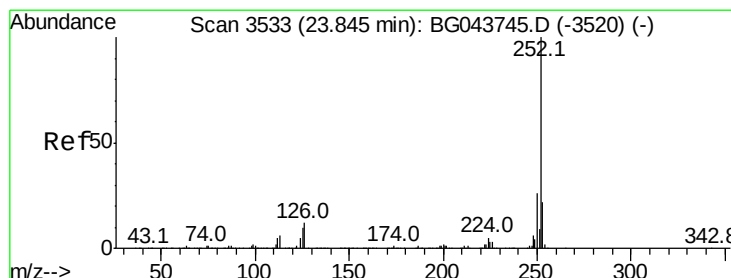
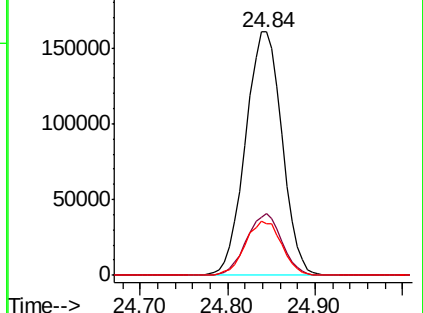
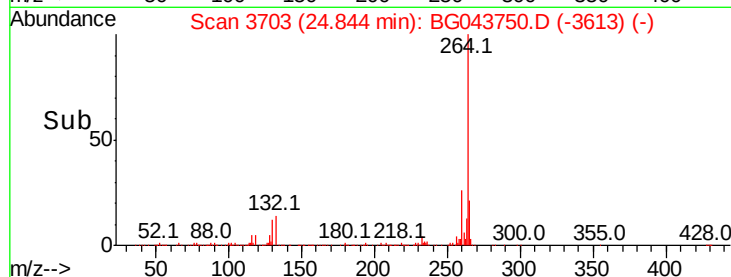
265 21.1 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.778 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

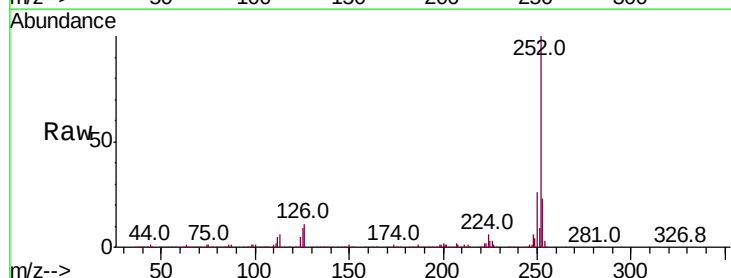
Tgt Ion:252 Resp: 1138211

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

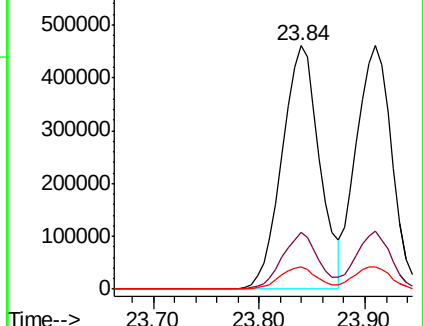
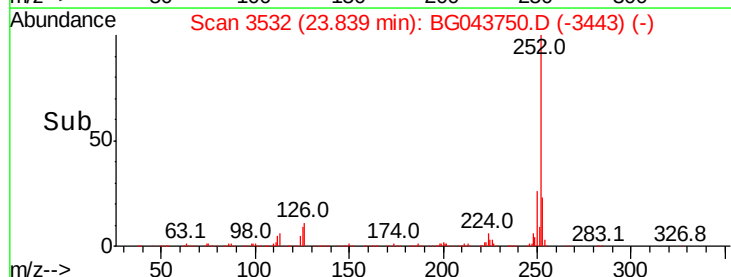
125 9.0 8.0 12.0

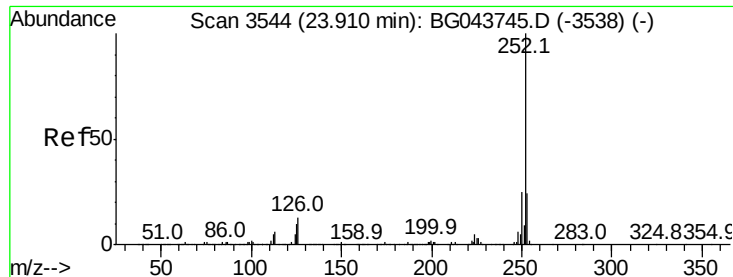


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.946 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

Instrument :

BNA_G

ClientSampleId :

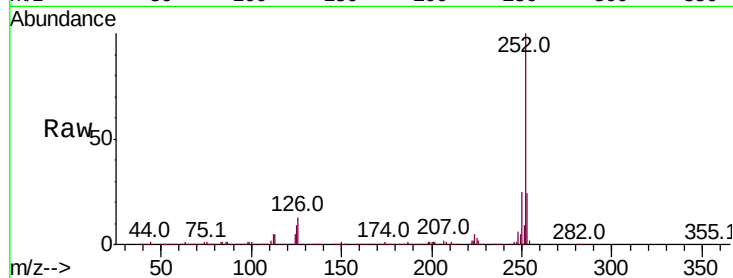
Tot Ion:252 Resp: 1070621

Ion Ratio Lower Upper

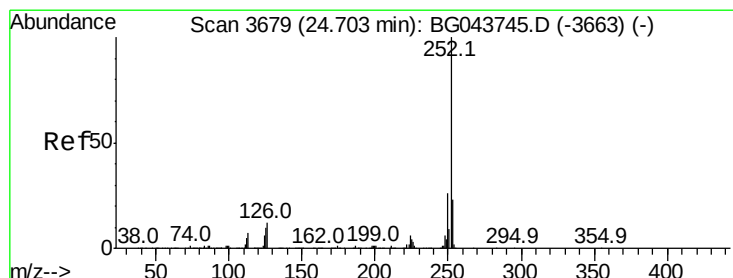
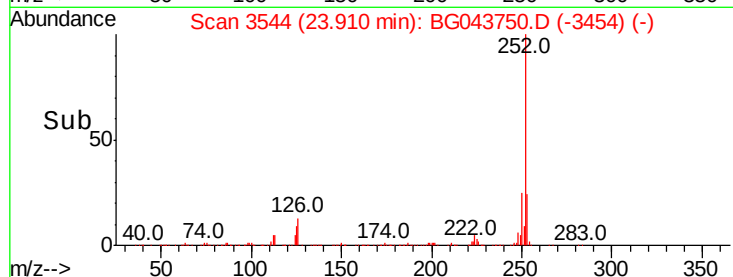
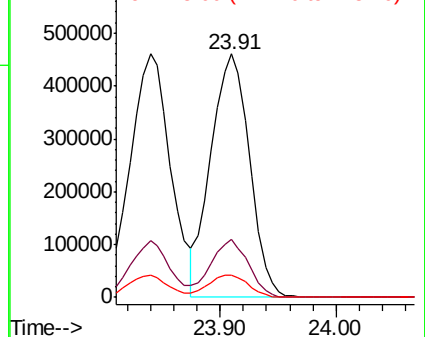
252 100

253 23.6 18.8 28.2

125 9.1 7.7 11.5



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



#90

Benzo(a)pyrene

Concen: 40.401 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG043750.D

Acq: 22 Nov 2019 20:33

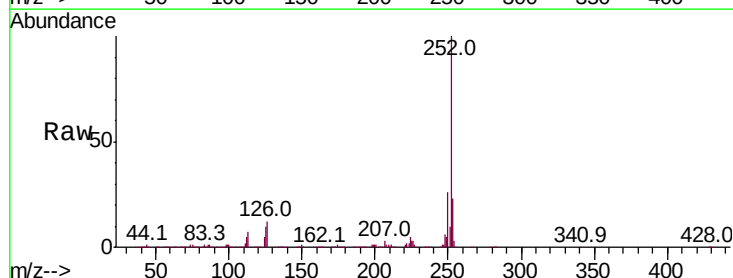
Tgt Ion:252 Resp: 1034988

Ion Ratio Lower Upper

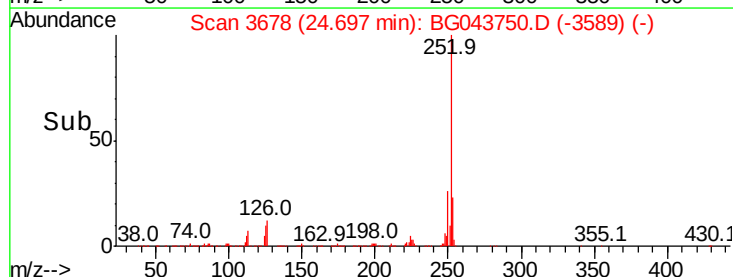
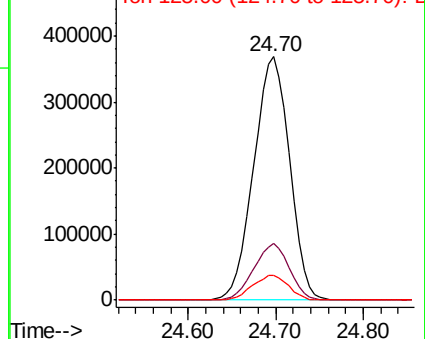
252 100

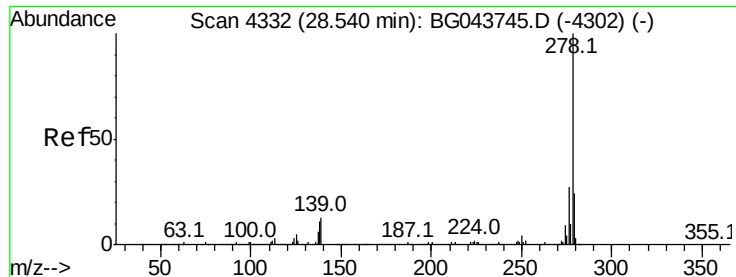
253 23.3 18.2 27.4

125 9.9 8.3 12.5



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

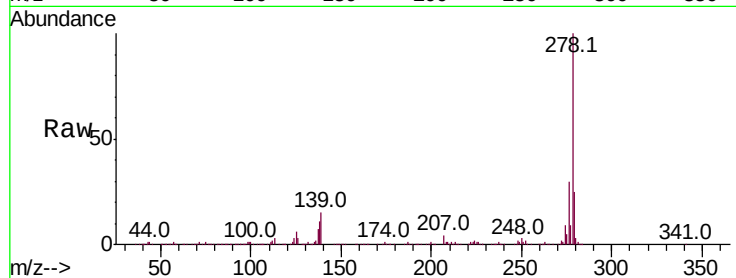




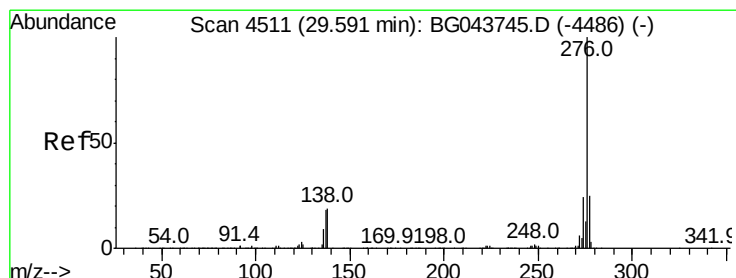
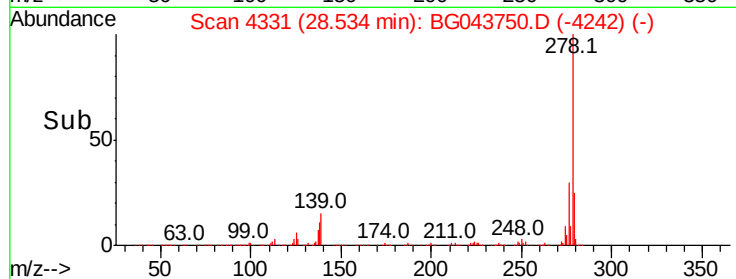
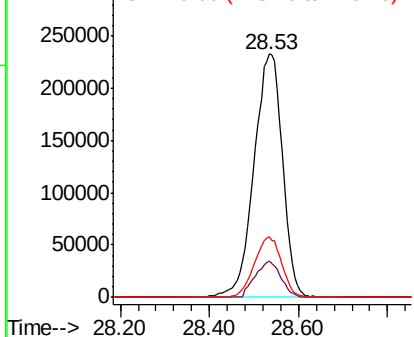
#91
Dibenzo(a,h)anthracene
Concen: 41.345 ng
RT: 28.53 min Scan# 4331
Delta R.T. -0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1027371
Ion Ratio Lower Upper
278 100
139 15.0 10.4 15.6
279 25.0 19.3 28.9

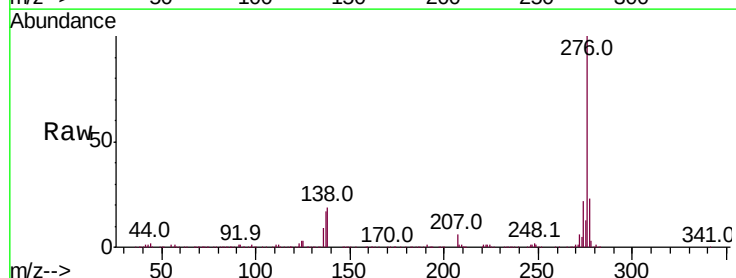


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.707 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG043750.D
Acq: 22 Nov 2019 20:33

Tgt Ion:276 Resp: 1022033
Ion Ratio Lower Upper
276 100
277 23.0 19.7 29.5
138 19.3 14.9 22.3



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

