

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043756.D
 Acq On : 23 Nov 2019 15:06
 Operator : JU
 Sample : PB124977BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 25 02:01:28 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	45217	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	260052	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	231530	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	590404	20.00	ng	0.00
76) Chrysene-d12	21.67	240	629095	20.00	ng	0.00
87) Perylene-d12	24.85	264	456178	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	431941	171.74	ng	0.00
7) Phenol-d6	7.18	99	667233	182.49	ng	0.00
23) Nitrobenzene-d5	9.18	82	296900	62.77	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	346871	124.21	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	864291	61.36	ng	0.00
79) Terphenyl-d14	20.01	244	1875464	67.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	30774	27.595	ng	91
3) Pyridine	3.91	79	93640	29.821	ng	97
4) n-Nitrosodimethylamine	3.82	42	67838	43.490	ng	96
6) Aniline	7.35	93	181096	38.008	ng	99
8) 2-Chlorophenol	7.60	128	175840	61.297	ng	97
9) Benzaldehyde	7.16	77	70252	32.167	ng	92
10) Phenol	7.21	94	244931	65.256	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	151194	48.266	ng	96
12) 1,3-Dichlorobenzene	7.92	146	142233	42.119	ng	98
13) 1,4-Dichlorobenzene	8.07	146	147393	43.092	ng	99
14) 1,2-Dichlorobenzene	8.38	146	146614	45.302	ng	96
15) Benzyl Alcohol	8.26	79	183543	60.102	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	257908	47.874	ng	98
17) 2-Methylphenol	8.46	107	174957	65.197	ng	98
18) Hexachloroethane	9.12	117	53953	41.785	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	158221	55.029	ng	96
20) 3+4-Methylphenols	8.79	107	249489	66.641	ng	97
22) Acetophenone	8.85	105	265768	38.559	ng	96
24) Nitrobenzene	9.22	77	199572	41.050	ng	100
25) Isophorone	9.75	82	453001	44.667	ng	99
26) 2-Nitrophenol	9.93	139	82706	47.152	ng	99
27) 2,4-Dimethylphenol	10.00	122	201651	58.549	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	261730	41.872	ng	98
29) 2,4-Dichlorophenol	10.47	162	219843	52.506	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	189608	38.644	ng	98
31) Naphthalene	10.88	128	555112	43.031	ng	99
32) Benzoic acid	10.13	122	138754	55.865	ng	95
33) 4-Chloroaniline	10.98	127	169730	27.309	ng	96
34) Hexachlorobutadiene	11.18	225	111936	34.694	ng	98
35) Caprolactam	11.74	113	38601	22.673	ng	94
36) 4-Chloro-3-methylphenol	12.10	107	258827	55.006	ng	99
37) 2-Methylnaphthalene	12.48	142	465832	47.918	ng	98
38) 1-Methylnaphthalene	12.70	142	447566	48.510	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	255613	34.696	ng	99

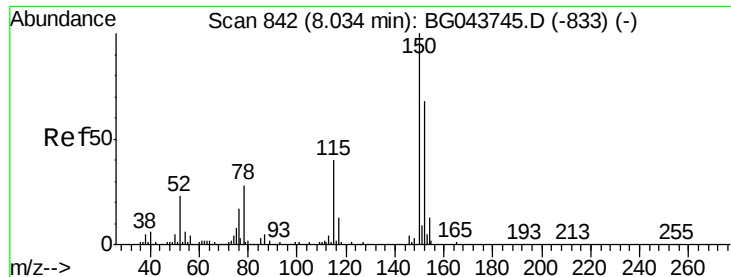
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	239737	60.230	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	205372	43.344	ng	98
44) 2,4,5-Trichlorophenol	13.15	196	225999	45.848	ng	97
46) 1,1'-Biphenyl	13.49	154	628382	39.154	ng	99
47) 2-Chloronaphthalene	13.53	162	501022	38.282	ng	98
48) 2-Nitroaniline	13.72	65	168130	43.880	ng	96
49) Acenaphthylene	14.38	152	864500	41.984	ng	99
50) Dimethylphthalate	14.11	163	740061	40.350	ng	99
51) 2,6-Dinitrotoluene	14.22	165	160953	47.255	ng	97
52) Acenaphthene	14.72	154	575339	43.691	ng	100
53) 3-Nitroaniline	14.54	138	128779	32.370	ng	# 98
54) 2,4-Dinitrophenol	14.75	184	137514	98.818	ng	# 60
55) Dibenzofuran	15.05	168	849504	41.410	ng	99
56) 4-Nitrophenol	14.85	139	322423	96.216	ng	97
57) 2,4-Dinitrotoluene	15.00	165	228013	48.271	ng	97
58) Fluorene	15.70	166	702549	41.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	216124	43.654	ng	97
60) Diethylphthalate	15.48	149	778331	40.880	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	381764	41.216	ng	98
62) 4-Nitroaniline	15.71	138	183901	40.313	ng	95
63) Azobenzene	15.99	77	724805	41.987	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	104120	48.058	ng	94
66) n-Nitrosodiphenylamine	15.91	169	672268	43.006	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	254080	40.809	ng	98
68) Hexachlorobenzene	16.71	284	276831	40.671	ng	98
69) Atrazine	16.86	200	285417	45.559	ng	97
70) Pentachlorophenol	17.05	266	387851	93.382	ng	98
71) Phenanthrene	17.44	178	1231521	42.156	ng	98
72) Anthracene	17.53	178	1259369	42.675	ng	97
73) Carbazole	17.80	167	1219886	41.918	ng	99
74) Di-n-butylphthalate	18.37	149	1461603	39.058	ng	98
75) Fluoranthene	19.45	202	1669794	39.846	ng	96
77) Benzidine	19.62	184	278243	15.141	ng	96
78) Pyrene	19.80	202	1706707	42.036	ng	98
80) Butylbenzylphthalate	20.71	149	776434	41.979	ng	97
81) Benzo(a)anthracene	21.64	228	1688514	40.148	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	473363	30.014	ng	98
83) Chrysene	21.71	228	1590261	39.960	ng	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	991623	38.105	ng	97
85) Di-n-octyl phthalate	22.80	149	1449031	34.328	ng	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1611651	34.814	ng	98
88) Benzo(b)fluoranthene	23.84	252	1403349	51.524	ng	97
89) Benzo(k)fluoranthene	23.91	252	1310399	50.130	ng	100
90) Benzo(a)pyrene	24.70	252	1254884	48.998	ng	99
91) Dibenzo(a,h)anthracene	28.54	278	1336902	53.816	ng	97
92) Benzo(g,h,i)perylene	29.60	276	1348040	55.026	ng	99

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

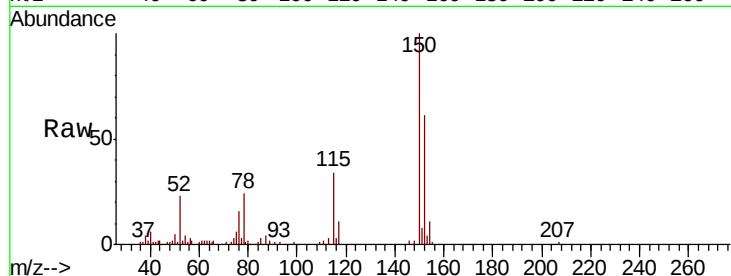


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	45217
Ion Ratio	100	Lower	Upper
150	164.1	117.8	176.8
115	56.0	47.0	70.4

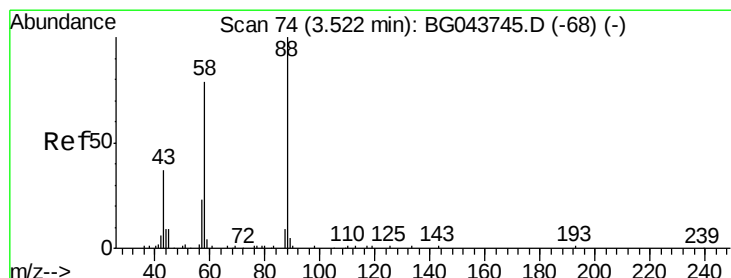
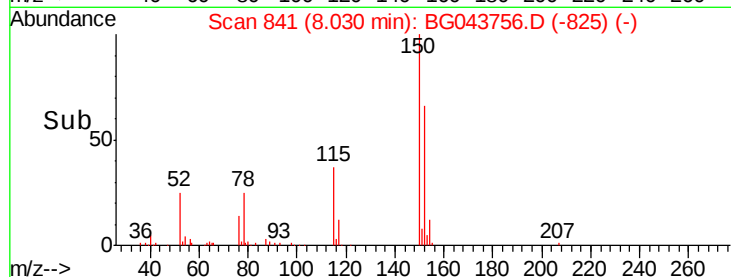
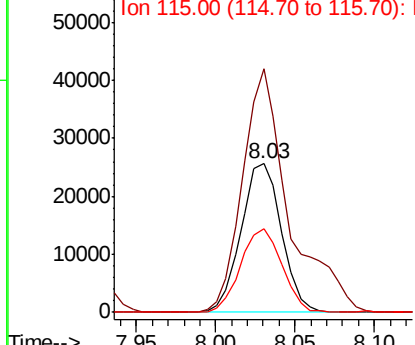


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

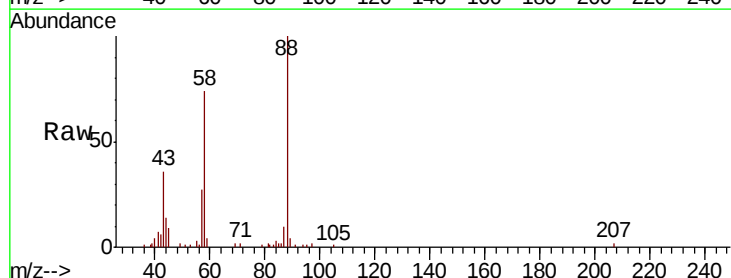
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.595 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	88	Resp	30774
Ion Ratio	100	Lower	Upper
58	87.6	62.3	93.5
43	37.8	28.9	43.3

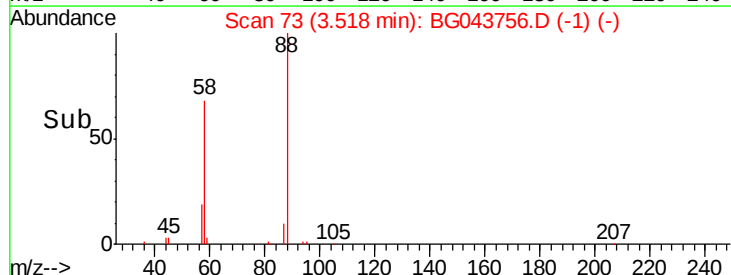
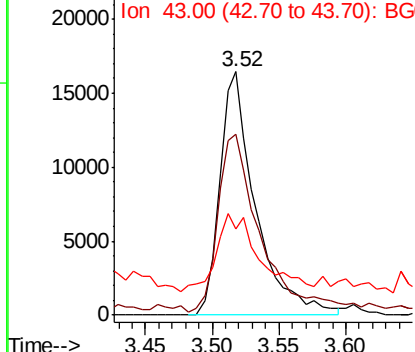


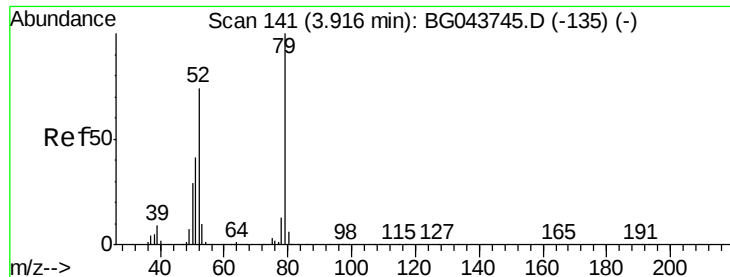
Abundance

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: 29.821 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampled :

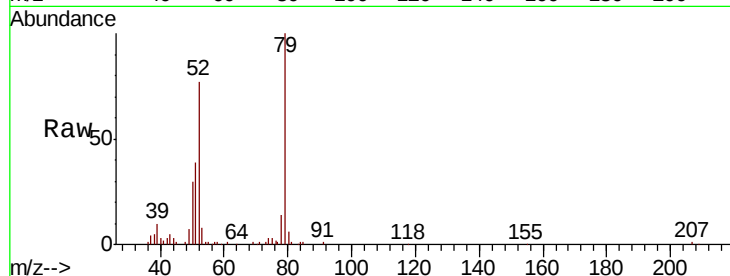
Tot Ion: 79 Resp: 93640

Ion Ratio Lower Upper

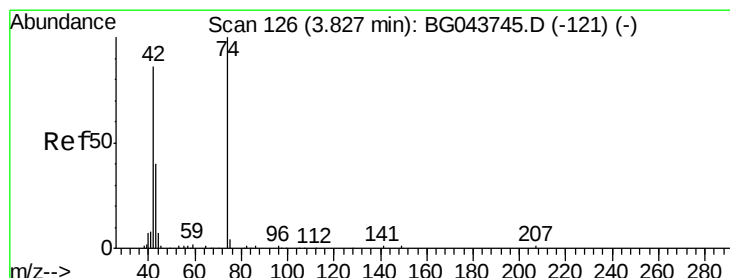
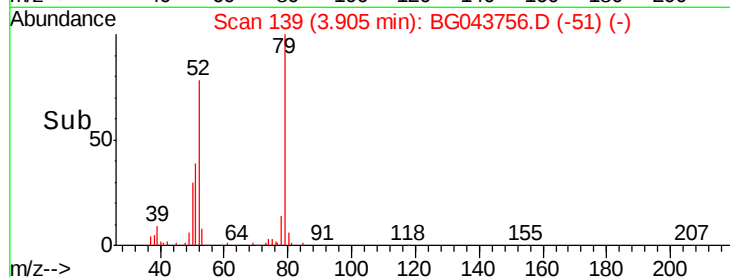
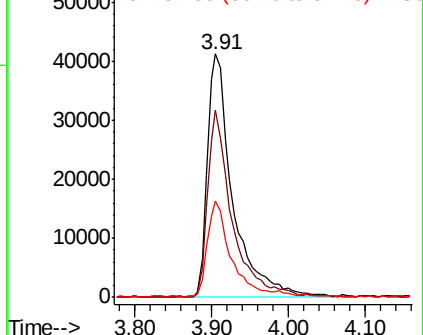
79 100

52 77.1 59.0 88.6

51 39.4 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: 43.490 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

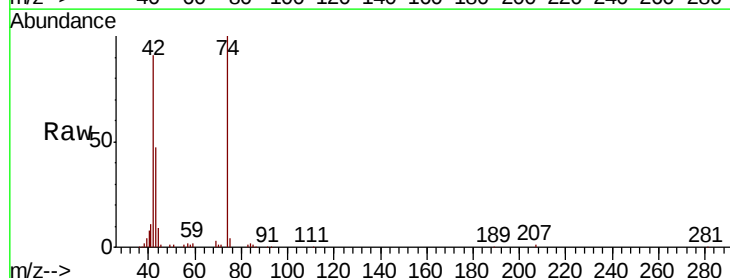
Tgt Ion: 42 Resp: 67838

Ion Ratio Lower Upper

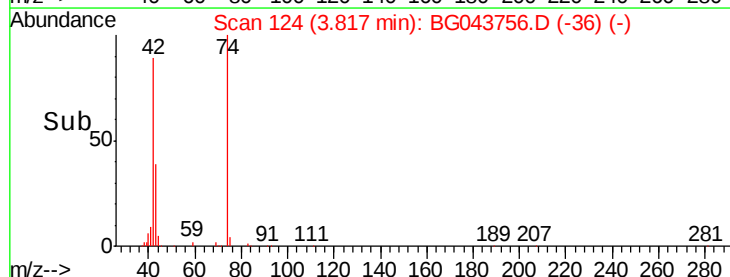
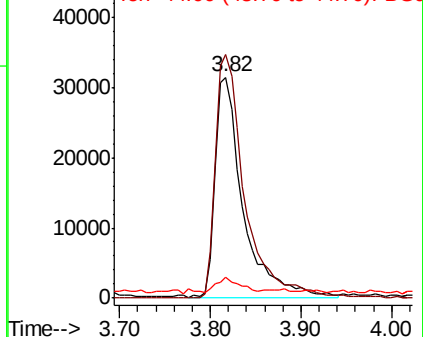
42 100

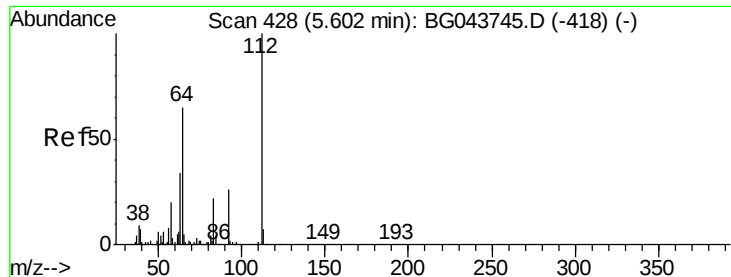
74 110.2 91.9 137.9

44 9.5 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: 171.735 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

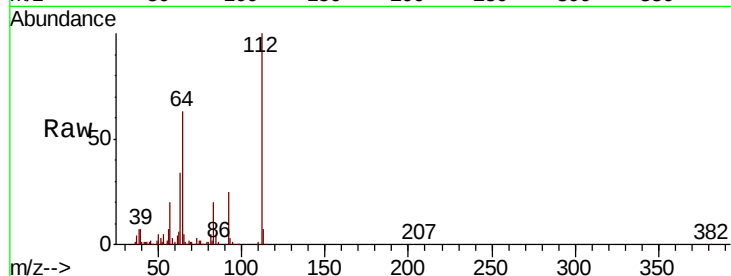
Tot Ion:112 Resp: 431941

Ion Ratio Lower Upper

112 100

64 63.4 51.7 77.5

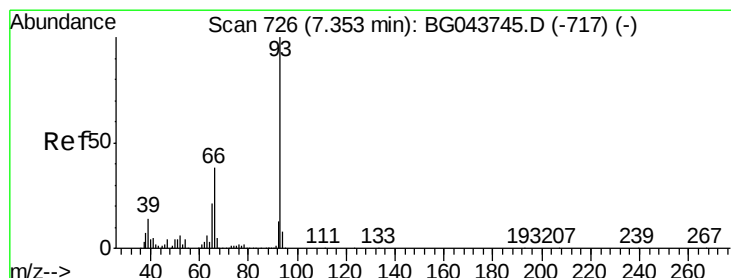
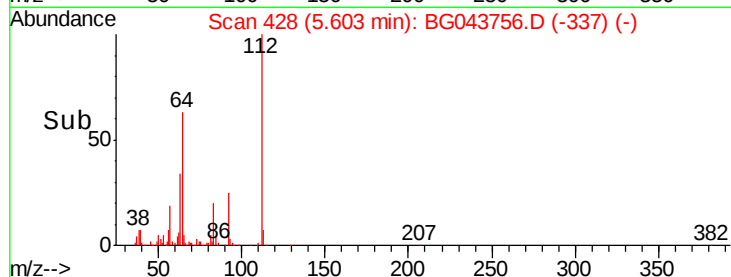
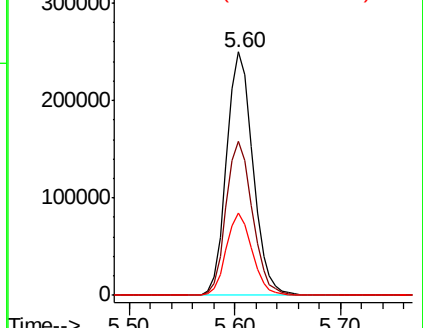
63 33.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.008 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

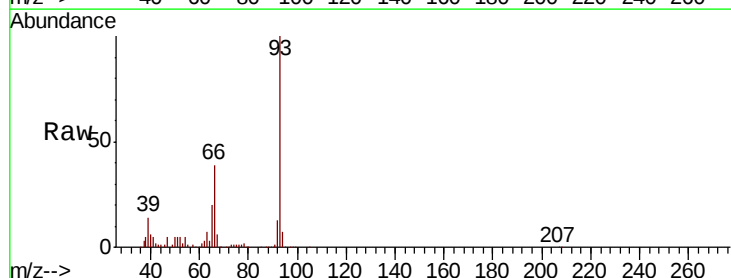
Tgt Ion: 93 Resp: 181096

Ion Ratio Lower Upper

93 100

66 38.7 30.6 46.0

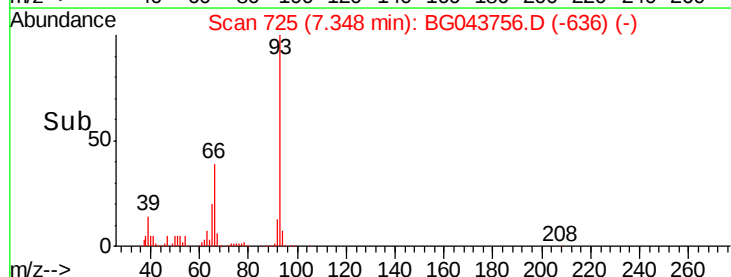
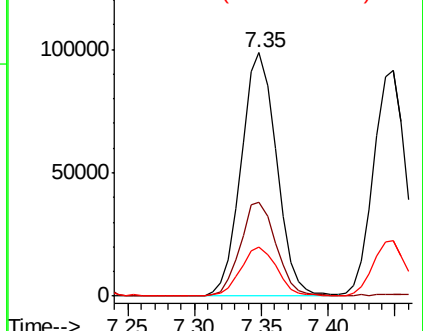
65 20.1 16.8 25.2

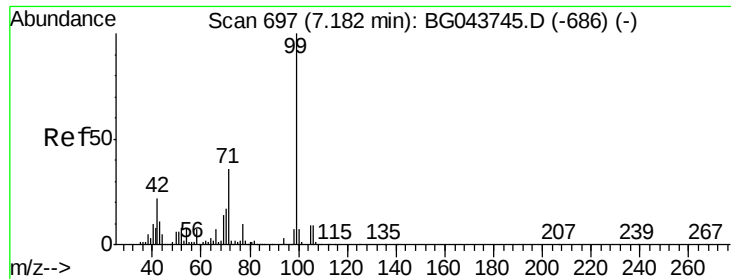


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 182.493 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

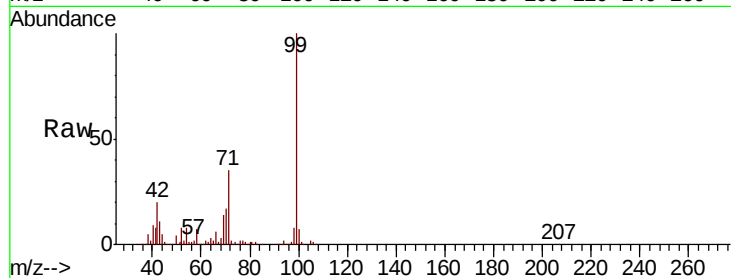
Tot Ion: 99 Resp: 667233

Ion Ratio Lower Upper

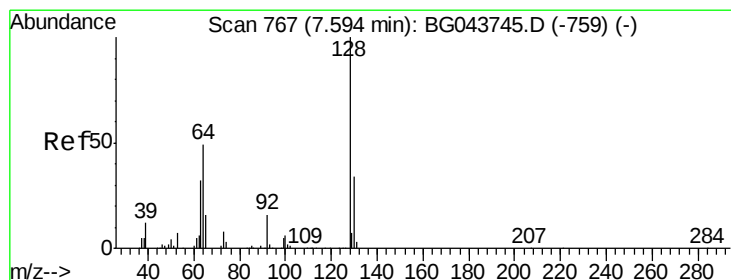
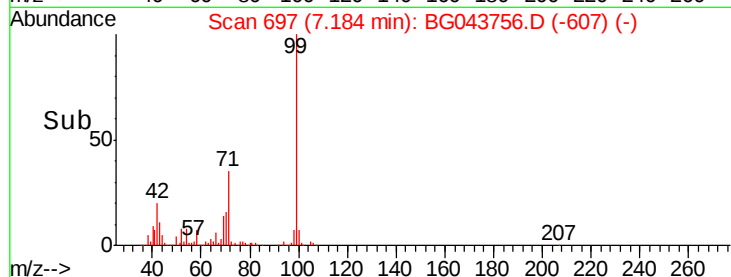
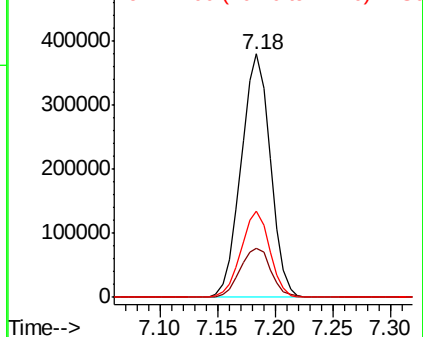
99 100

42 20.2 17.4 26.0

71 35.4 29.5 44.3



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



#8

2-Chlorophenol

Concen: 61.297 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

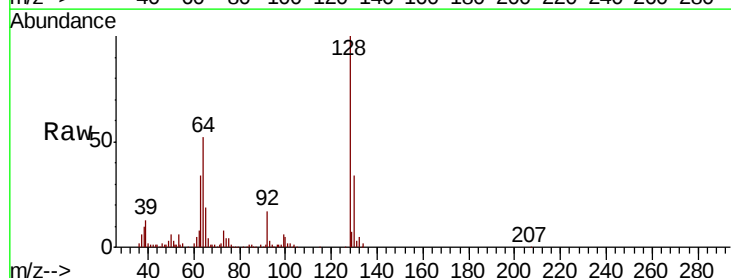
Tgt Ion:128 Resp: 175840

Ion Ratio Lower Upper

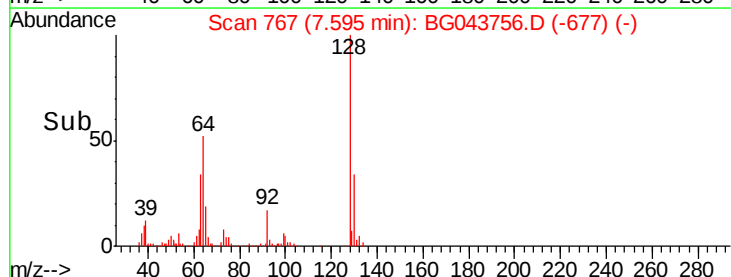
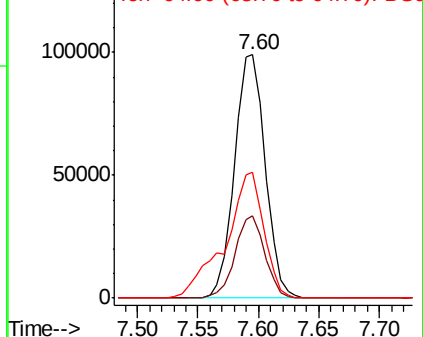
128 100

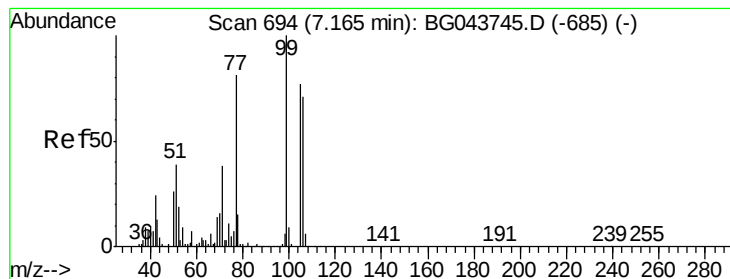
130 33.8 14.3 54.3

64 51.6 34.5 74.5



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





#9

Benzaldehyde

Concen: 32.167 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

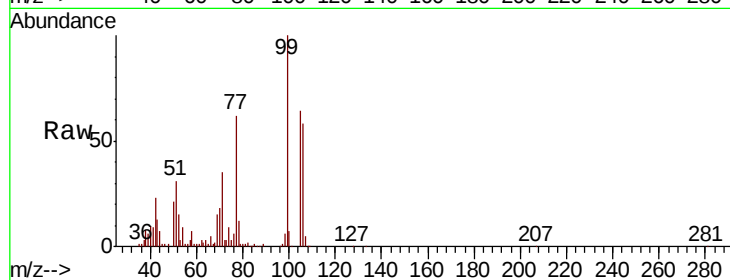
Tot Ion: 77 Resp: 70252

Ion Ratio Lower Upper

77 100

105 103.3 75.0 115.0

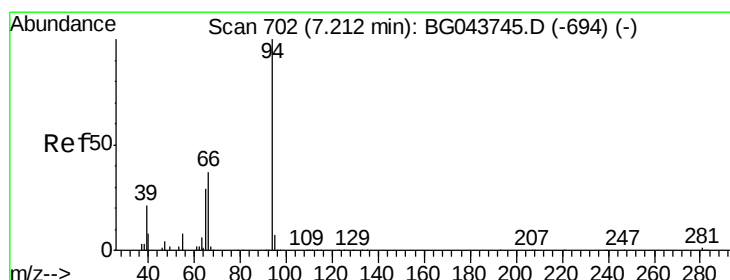
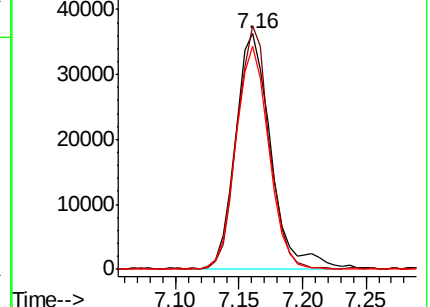
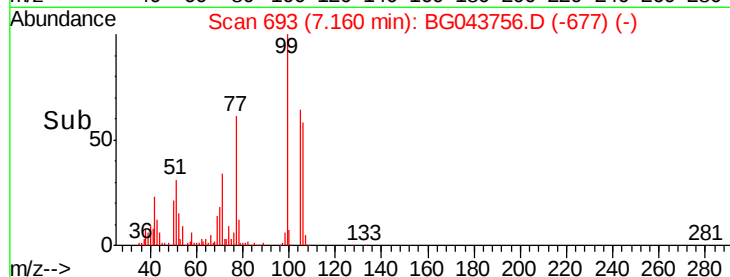
106 94.4 67.4 107.4



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: 65.256 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

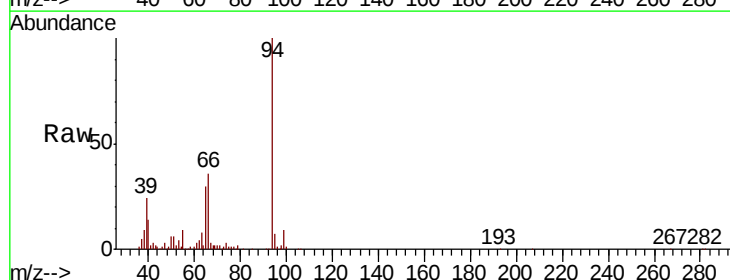
Tgt Ion: 94 Resp: 244931

Ion Ratio Lower Upper

94 100

65 29.7 10.3 50.3

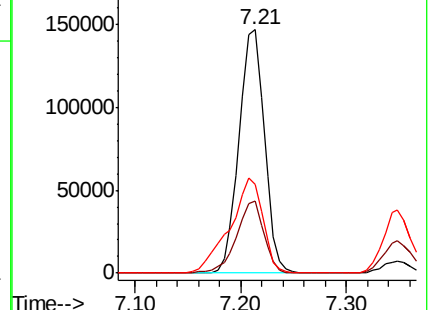
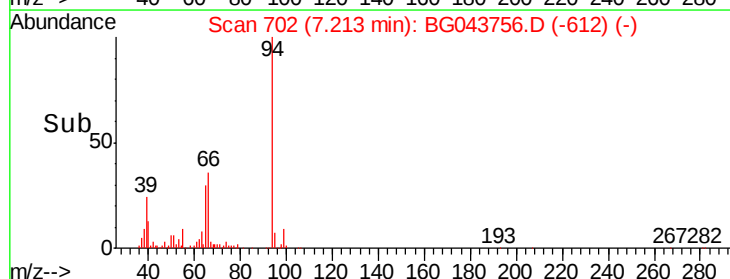
66 36.3 20.5 60.5

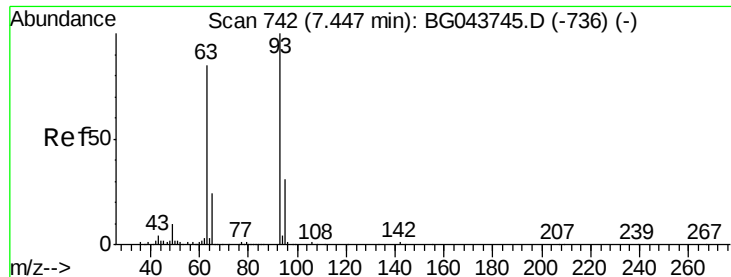


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 48.266 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

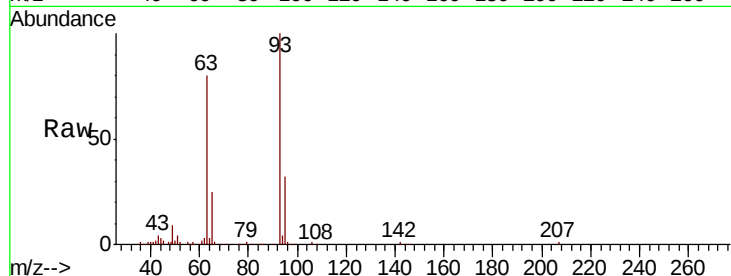
Tot Ion: 93 Resp: 151194

Ion Ratio Lower Upper

93 100

63 80.1 64.4 104.4

95 31.8 11.3 51.3

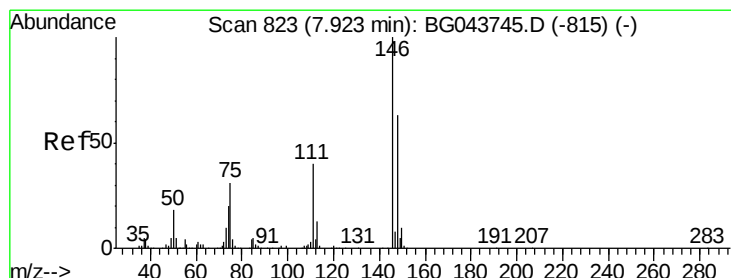
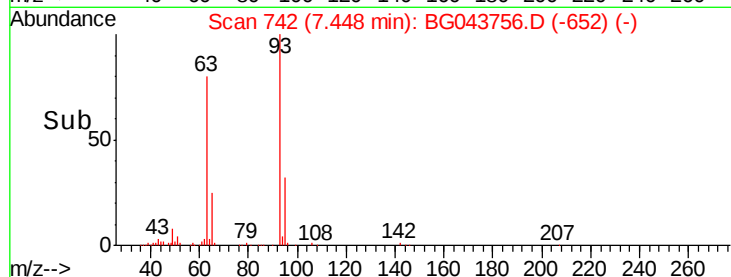
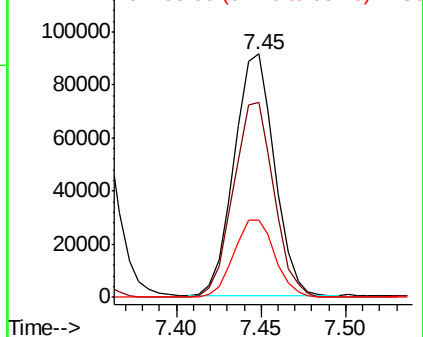


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.119 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

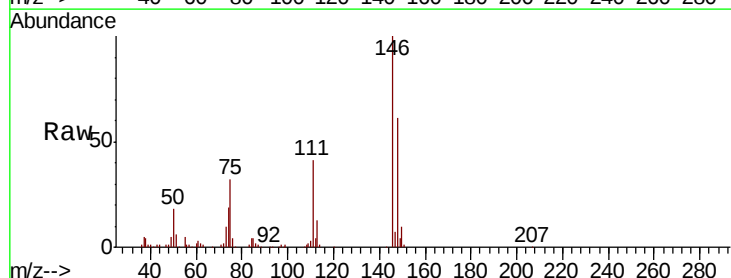
Tgt Ion: 146 Resp: 142233

Ion Ratio Lower Upper

146 100

148 61.0 50.6 75.8

75 32.0 25.2 37.8

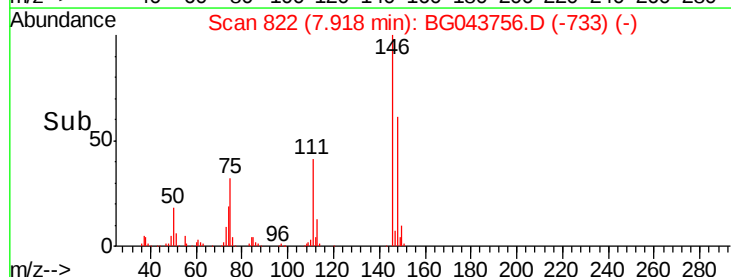
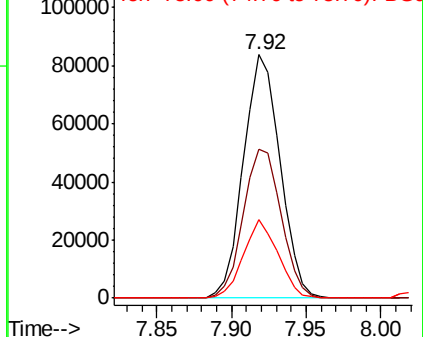


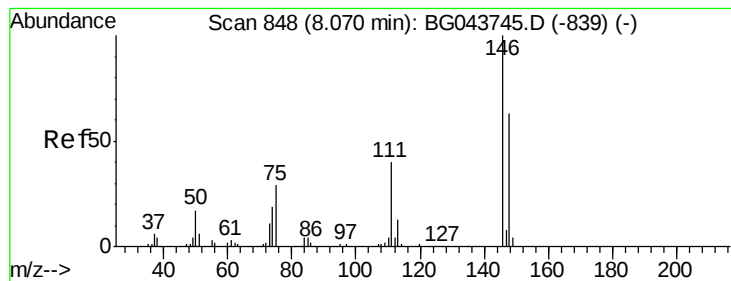
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.092 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

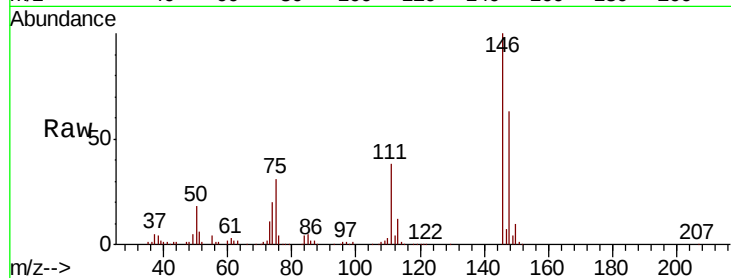
Tot Ion:146 Resp: 147393

Ion Ratio Lower Upper

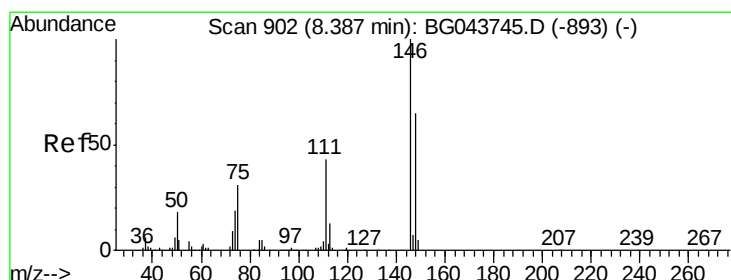
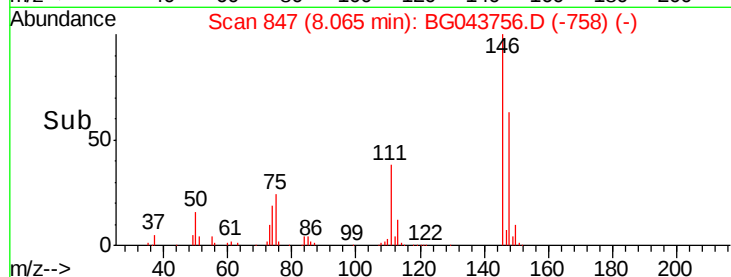
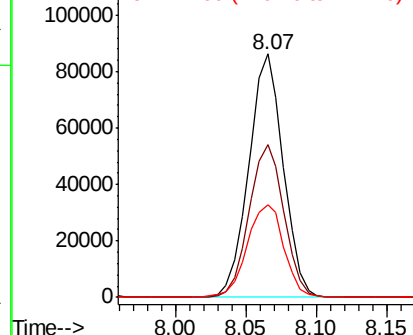
146 100

148 63.0 50.1 75.1

111 38.2 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: 45.302 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

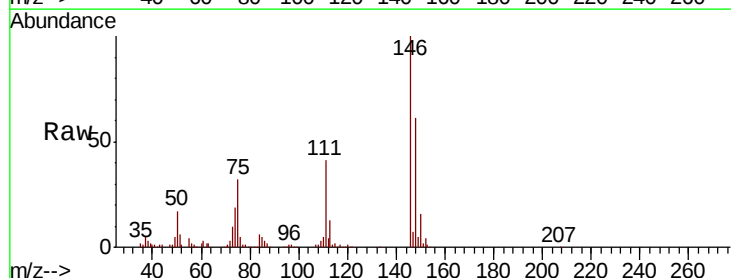
Tgt Ion:146 Resp: 146614

Ion Ratio Lower Upper

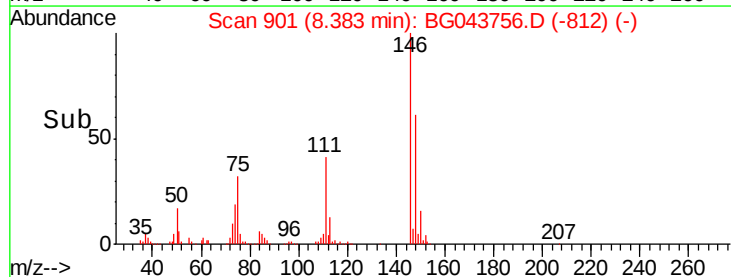
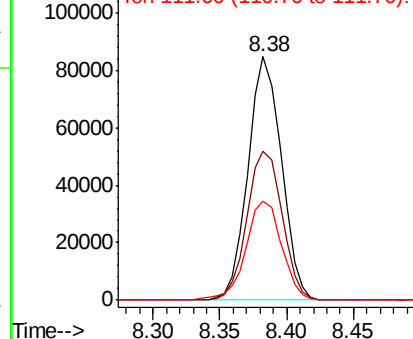
146 100

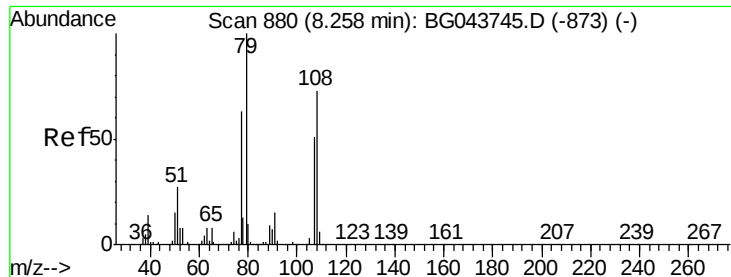
148 61.4 52.1 78.1

111 40.9 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: 60.102 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampled :

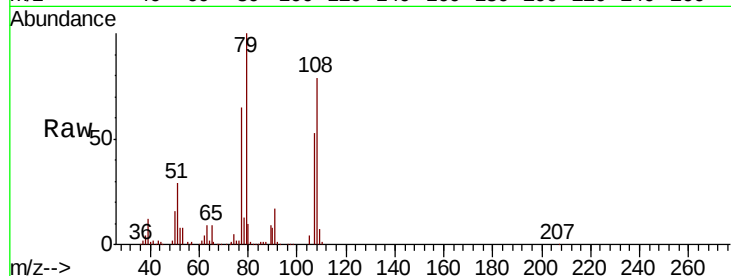
Tot Ion: 79 Resp: 183543

Ion Ratio Lower Upper

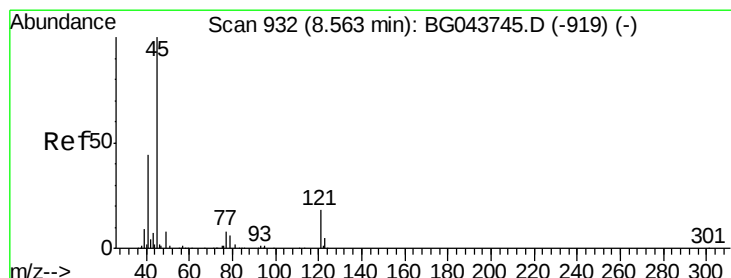
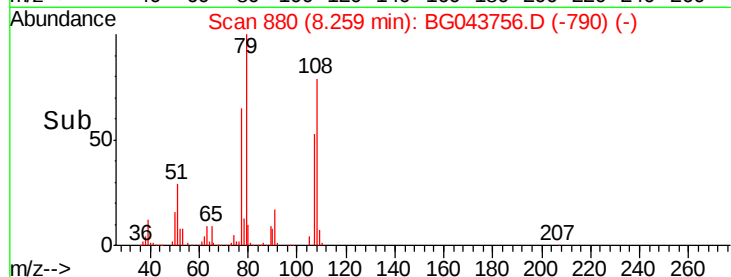
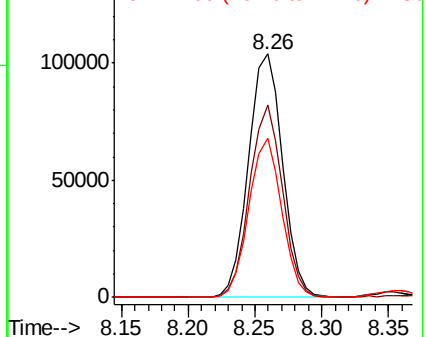
79 100

108 79.1 58.2 87.2

77 65.5 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: 47.874 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

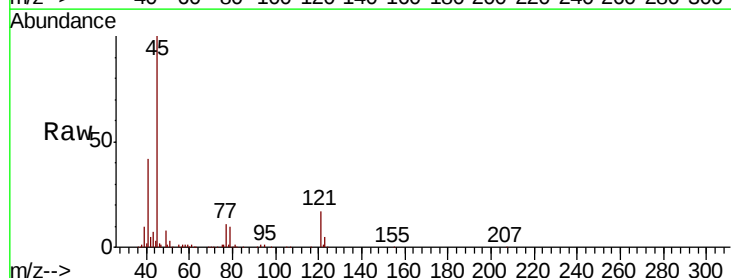
Tgt Ion: 45 Resp: 257908

Ion Ratio Lower Upper

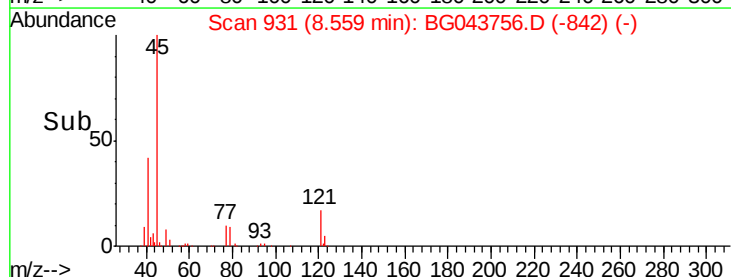
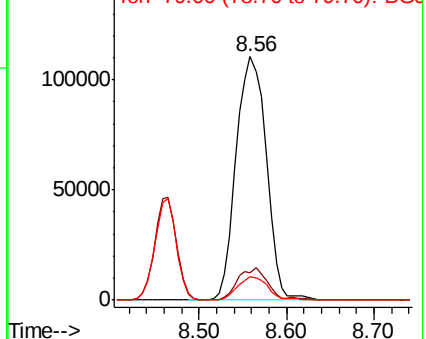
45 100

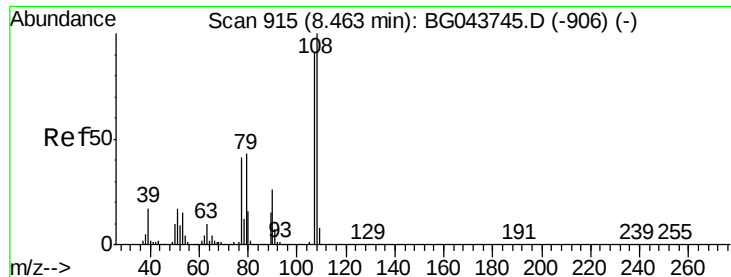
77 11.1 0.0 32.2

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: 65.197 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 174957

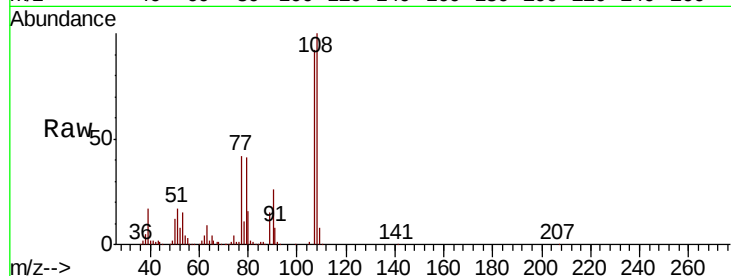
Ion Ratio Lower Upper

107 100

108 109.0 88.0 132.0

77 45.4 35.9 53.9

79 44.7 38.2 57.2

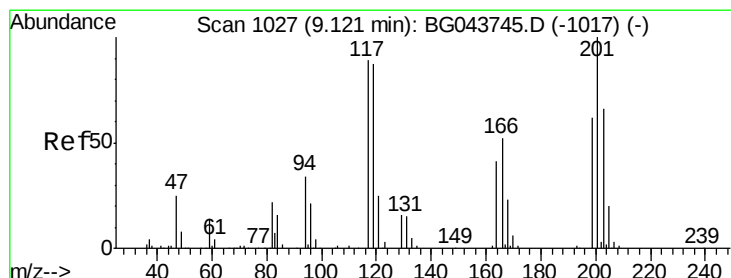
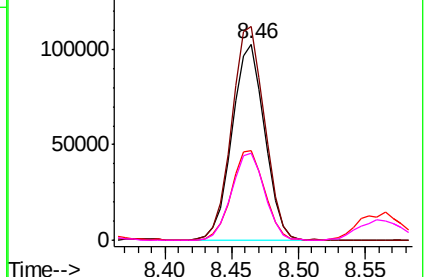
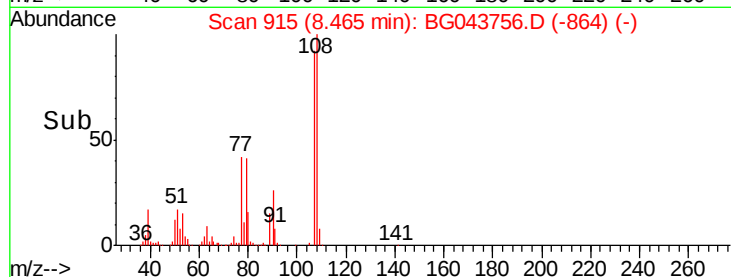


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.785 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

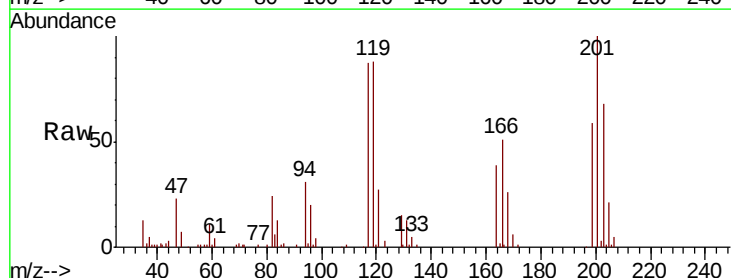
Tgt Ion:117 Resp: 53953

Ion Ratio Lower Upper

117 100

119 101.6 77.7 116.5

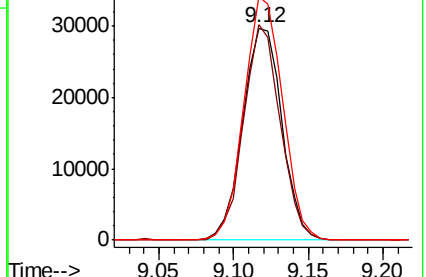
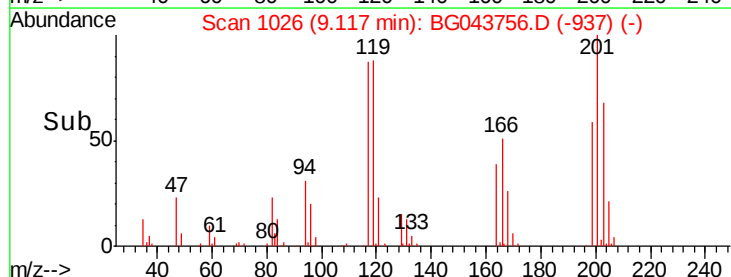
201 114.8 89.4 134.0

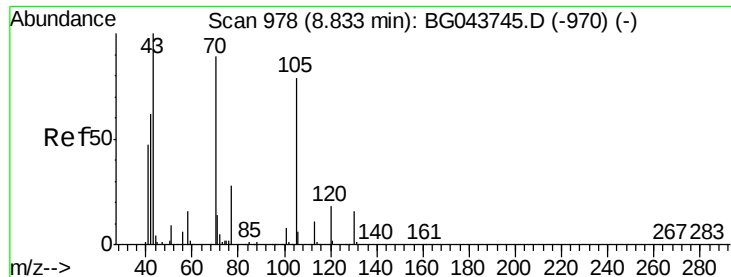


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

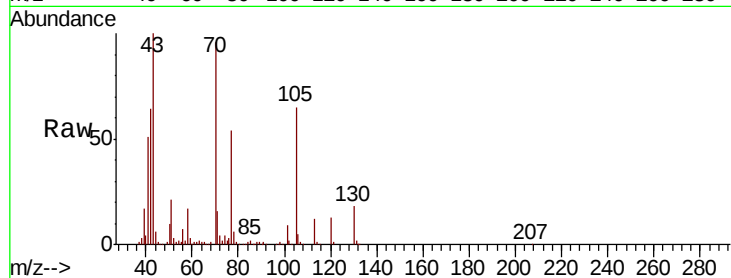




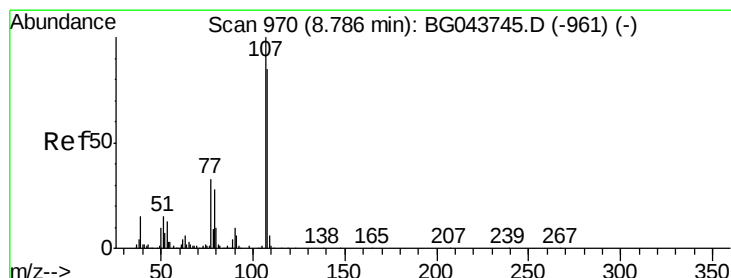
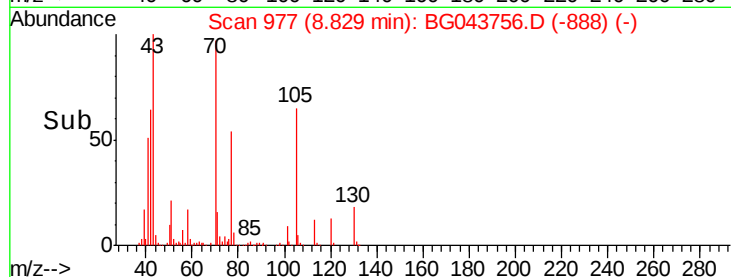
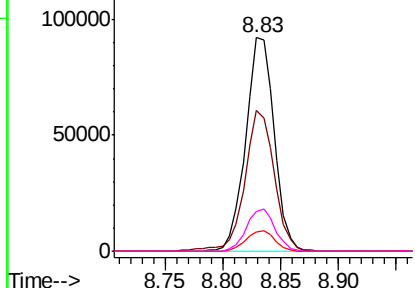
#19
n-Nitroso-di-n-propylamine
Concen: 55.029 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 158221
Ion Ratio Lower Upper
70 100
42 65.9 56.4 84.6
101 9.2 6.7 10.1
130 18.9 14.7 22.1

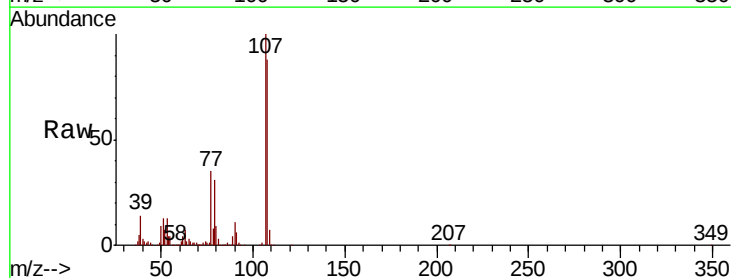


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

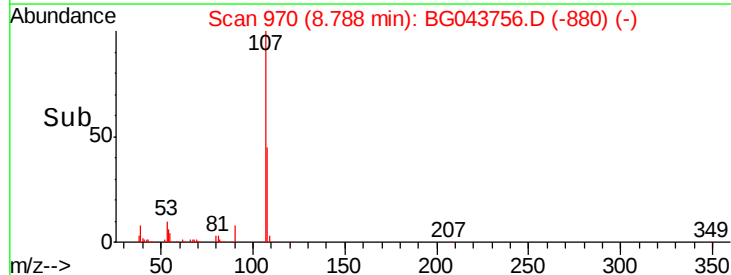
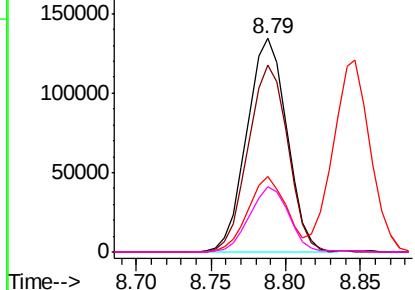


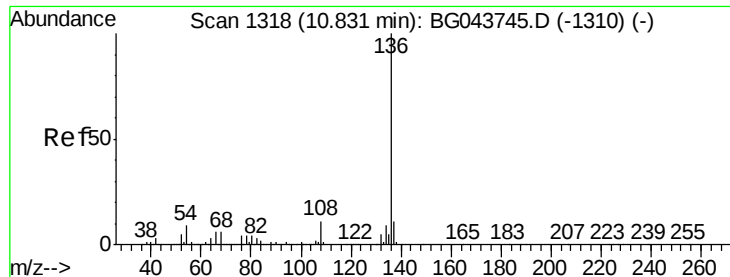
#20
3+4-Methylphenols
Concen: 66.641 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion: 107 Resp: 249489
Ion Ratio Lower Upper
107 100
108 87.6 64.6 104.6
77 35.1 13.7 53.7
79 30.9 8.5 48.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 260052

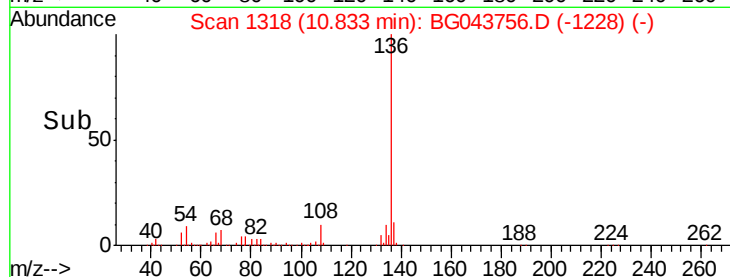
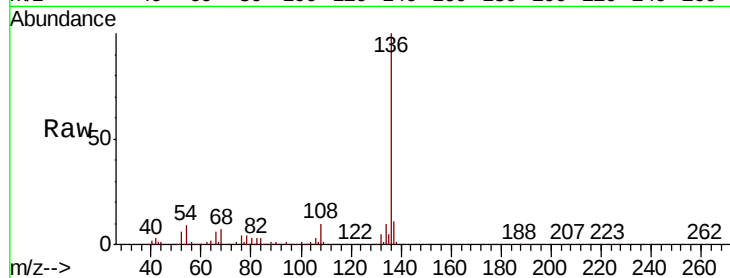
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.2 7.5 11.3

68 6.5 4.9 7.3

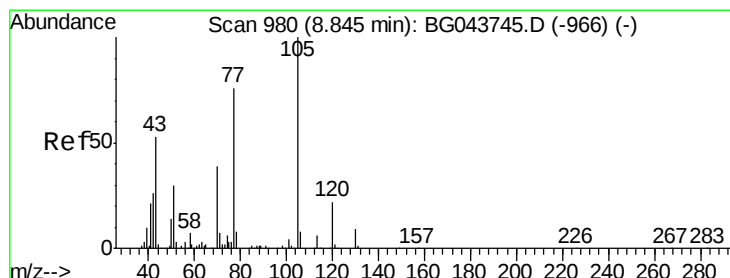
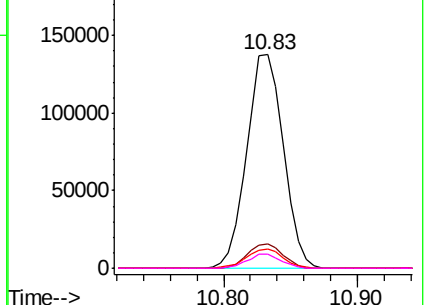


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.559 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:105 Resp: 265768

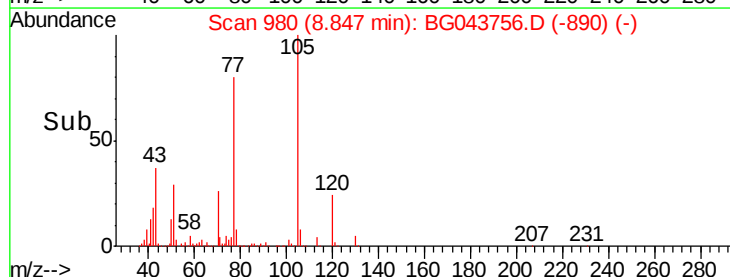
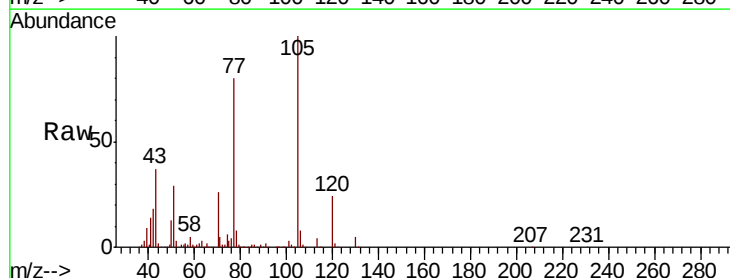
Ion Ratio Lower Upper

105 100

71 4.6 6.3 9.5#

51 29.2 24.7 37.1

120 23.8 17.7 26.5

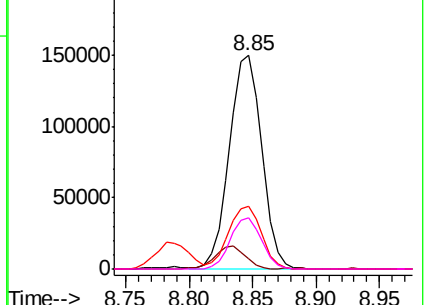


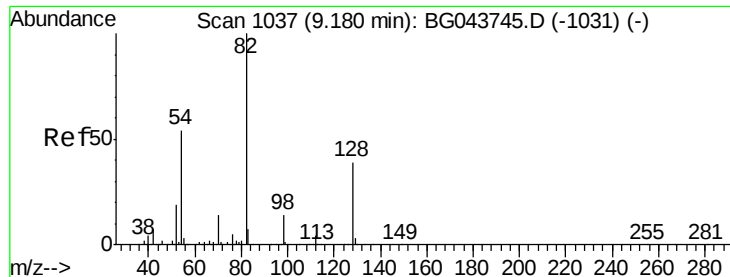
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

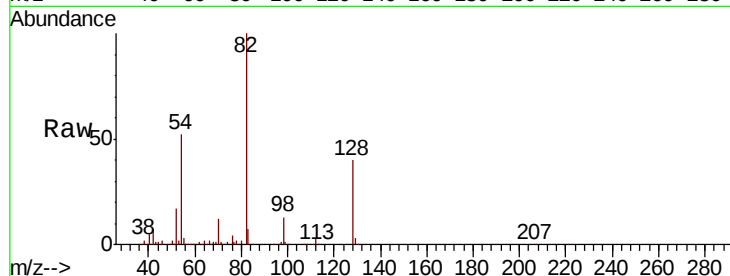




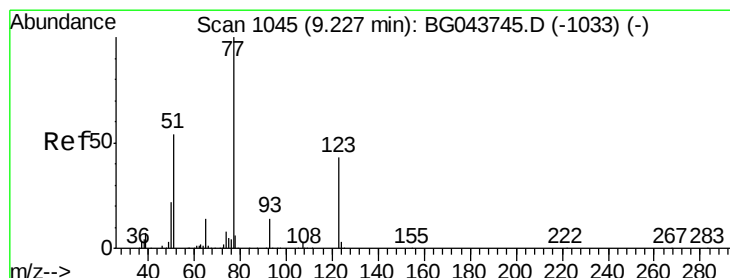
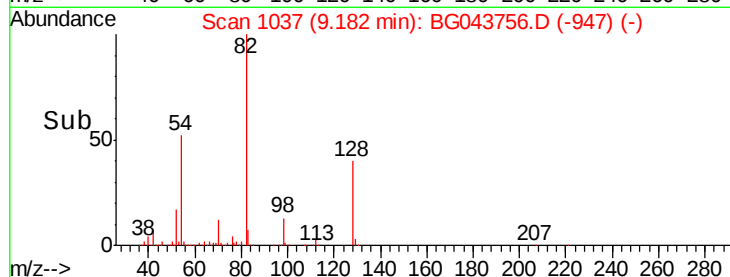
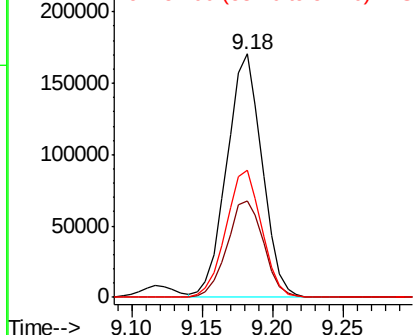
#23
 Nitrobenzene-d5
 Concen: 62.773 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	296900
Ion Ratio	Lower	Upper	
82	100		
128	39.6	31.3	46.9
54	52.1	42.7	64.1

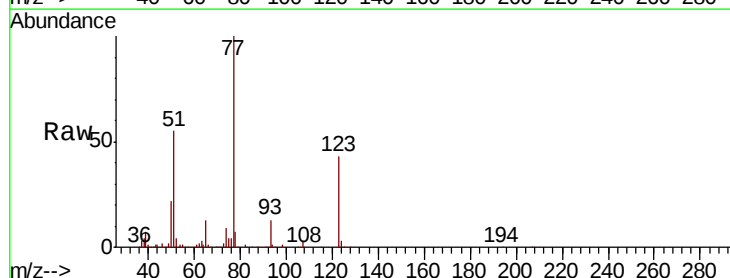


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

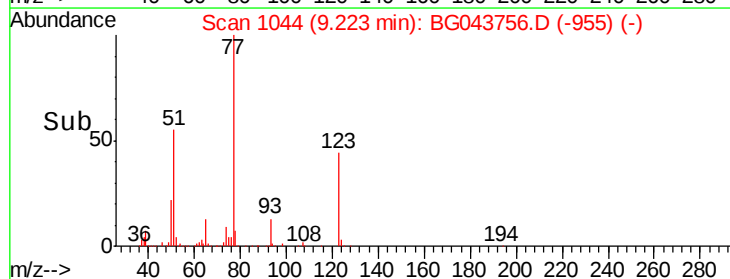
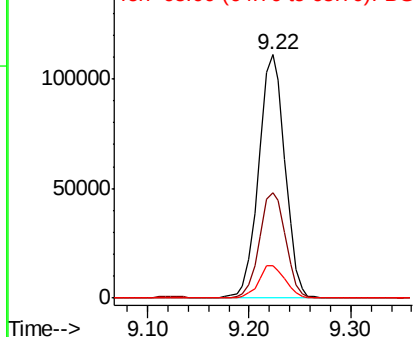


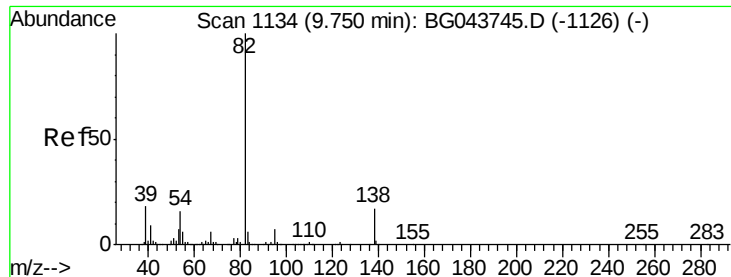
#24
 Nitrobenzene
 Concen: 41.050 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	77	Resp	199572
Ion Ratio	Lower	Upper	
77	100		
123	43.5	34.7	52.1
65	13.4	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.667 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

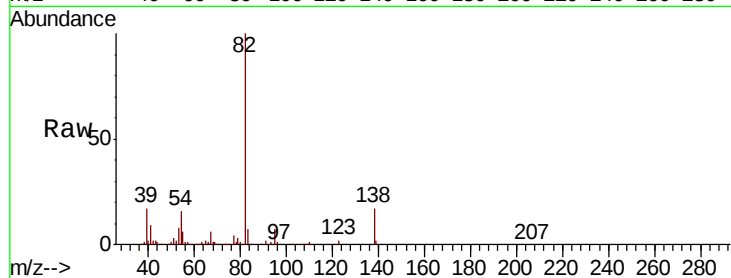
Tot Ion: 82 Resp: 453001

Ion Ratio Lower Upper

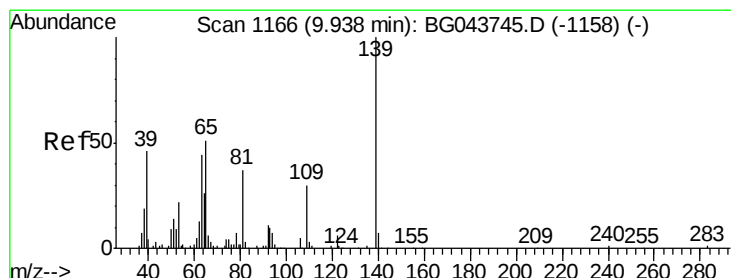
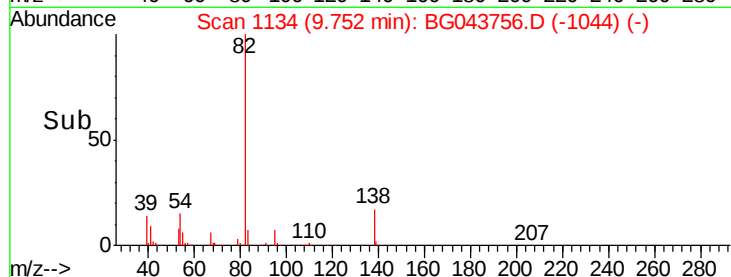
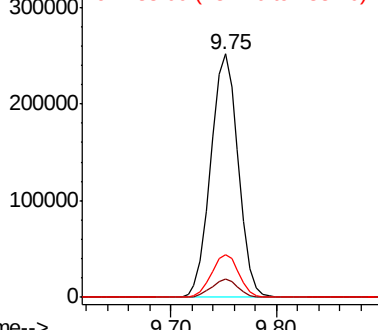
82 100

95 7.3 5.9 8.9

138 17.4 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: 47.152 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

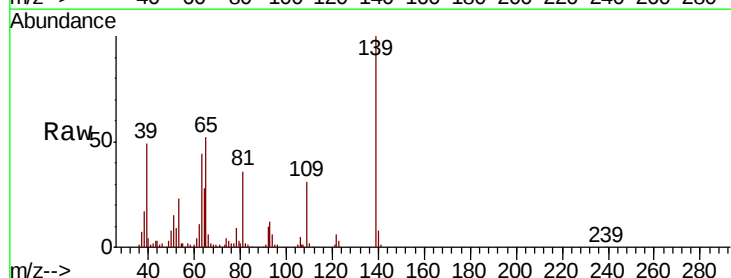
Tgt Ion: 139 Resp: 82706

Ion Ratio Lower Upper

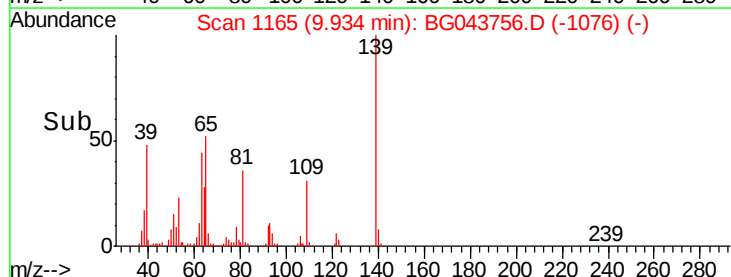
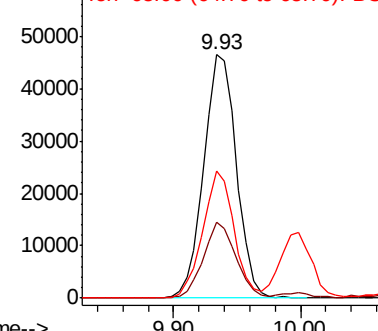
139 100

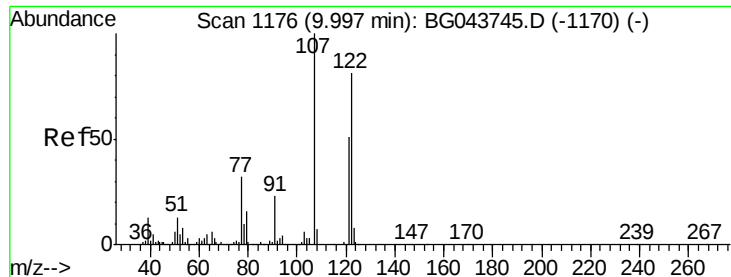
109 31.0 24.1 36.1

65 52.1 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

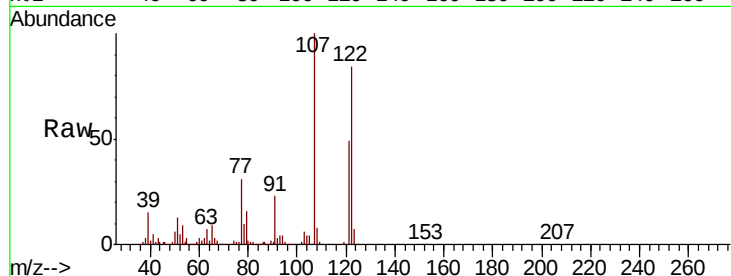




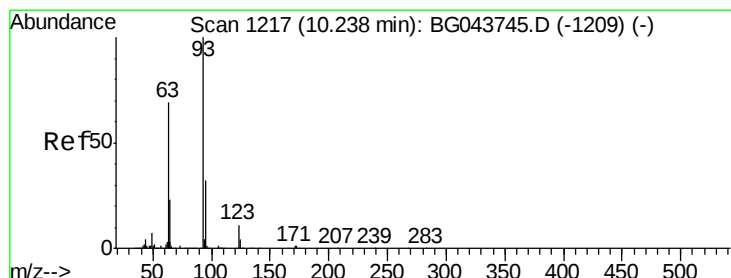
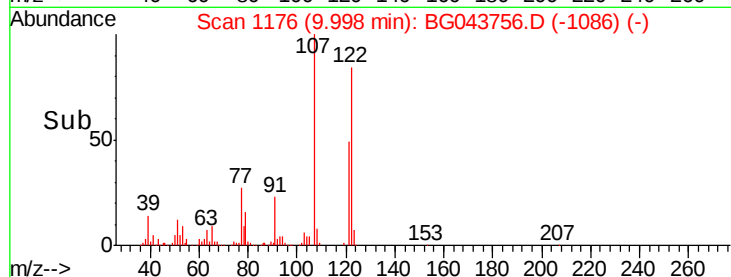
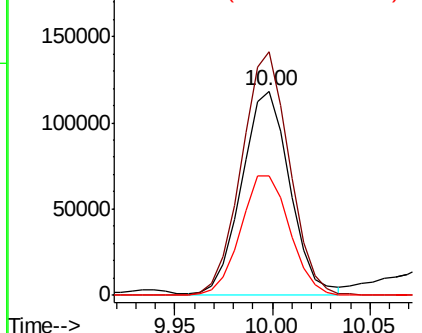
#27
2,4-Dimethylphenol
Concen: 58.549 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	98.5	147.7
121	58.5	49.6	74.4

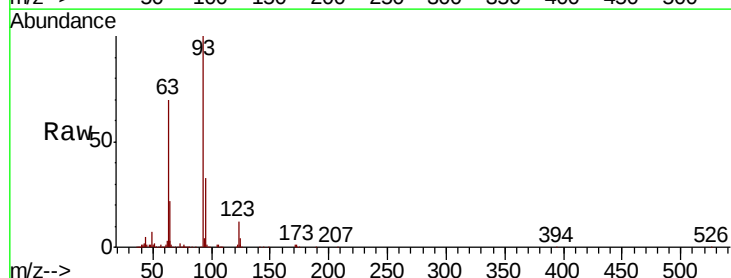


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

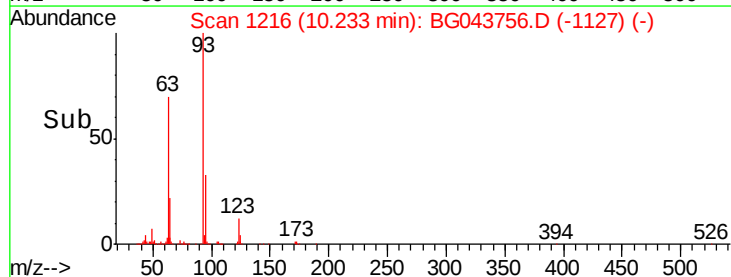
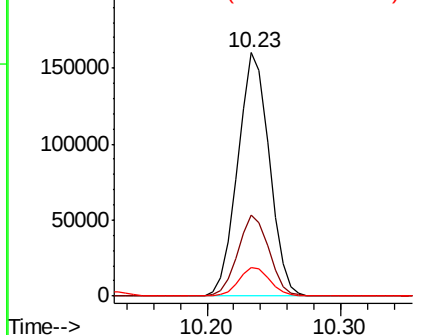


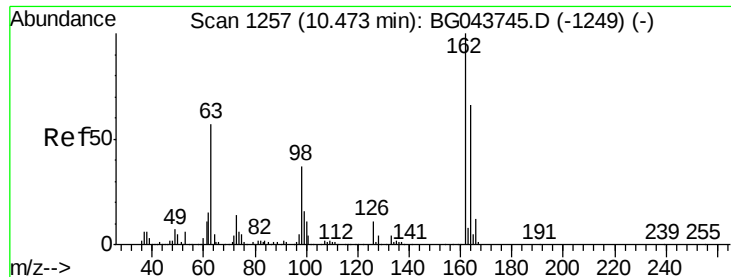
#28
bis(2-Chloroethoxy)methane
Concen: 41.872 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	11.7	8.7	13.1



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

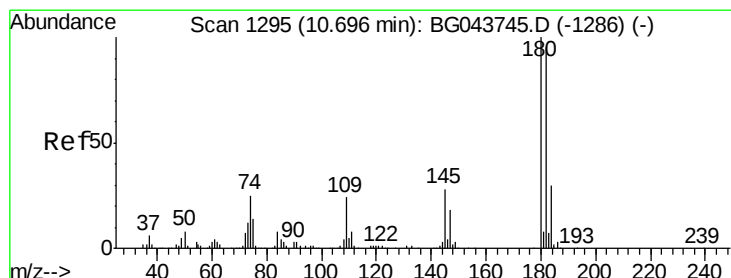
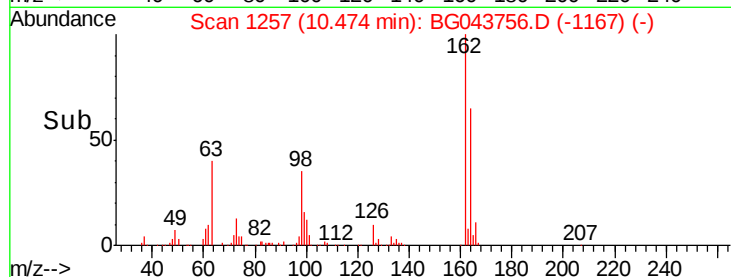
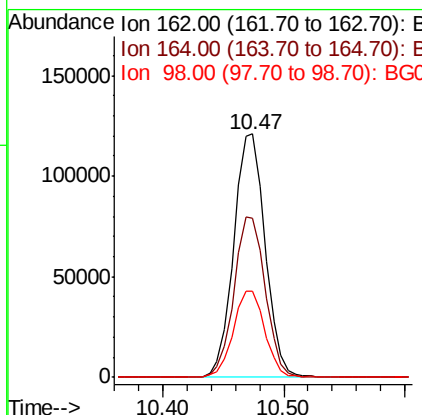
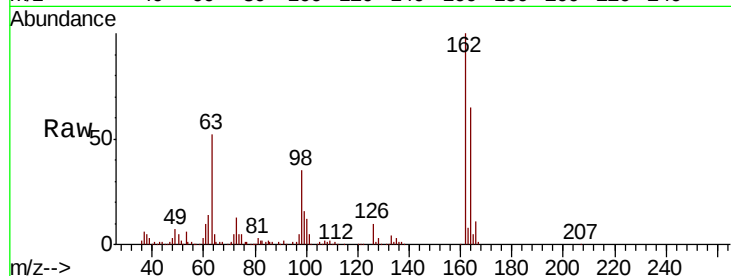




#29
 2,4-Dichlorophenol
 Concen: 52.506 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

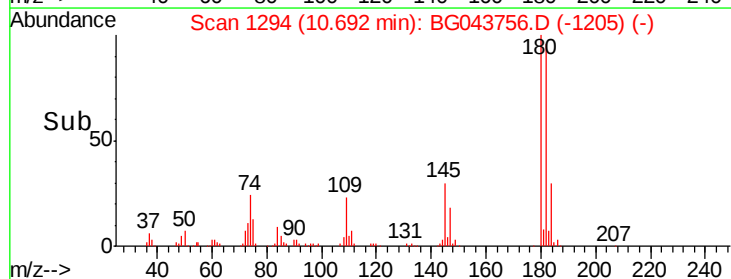
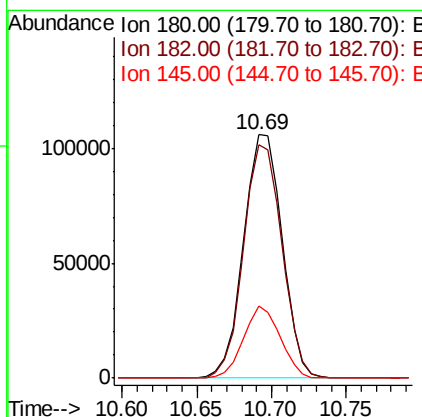
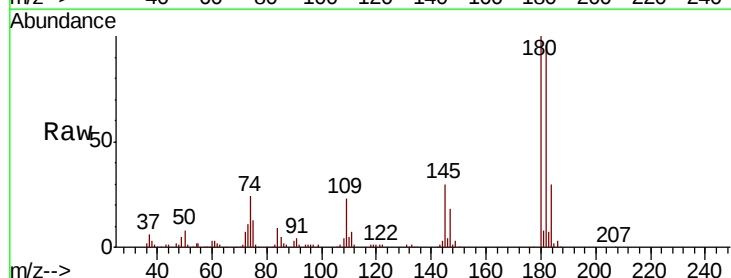
Instrument :
 BNA_G
 ClientSampleId :

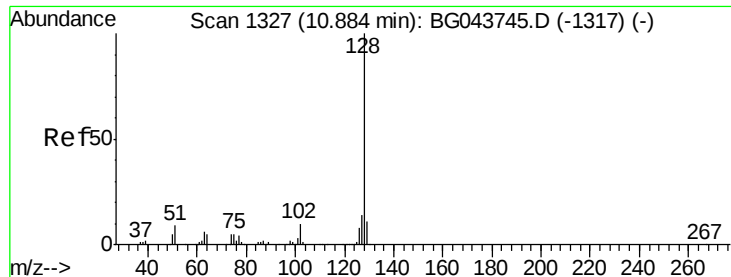
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.4	86.4
98	35.3	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.644 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.6
145	29.6	22.5	33.7

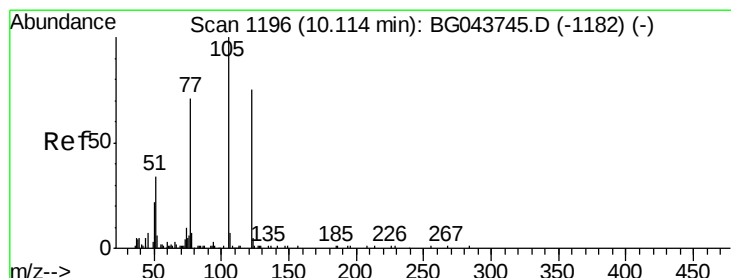
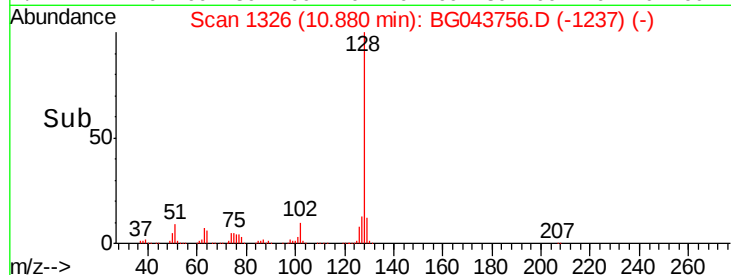
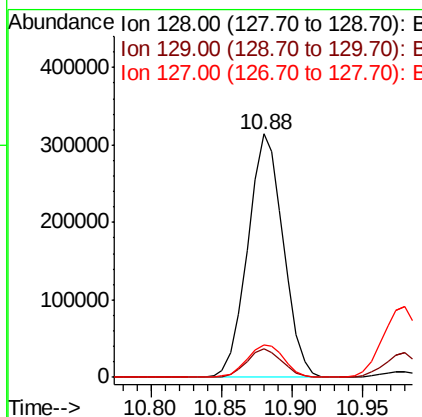
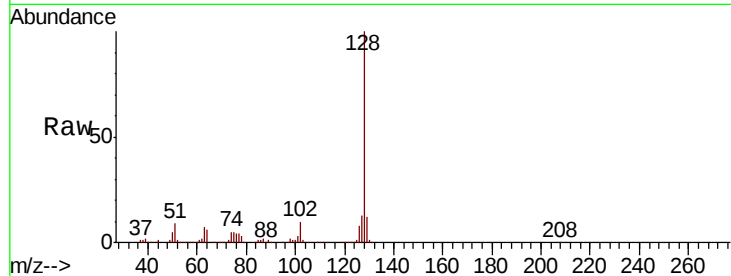




#31
Naphthalene
Concen: 43.031 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

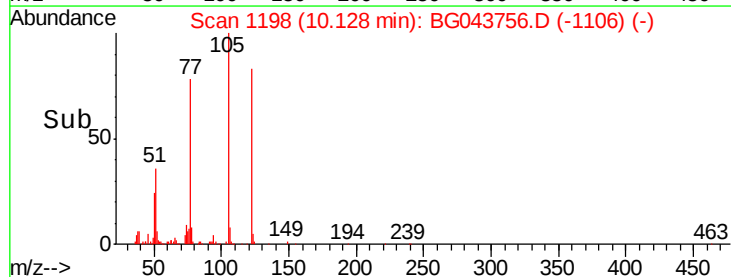
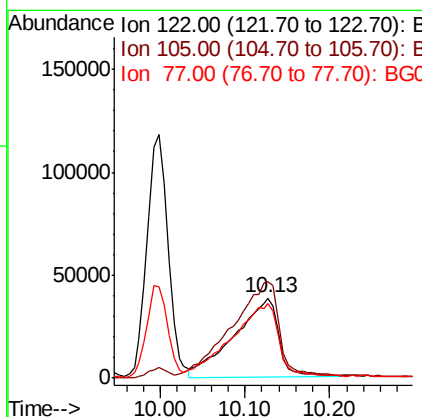
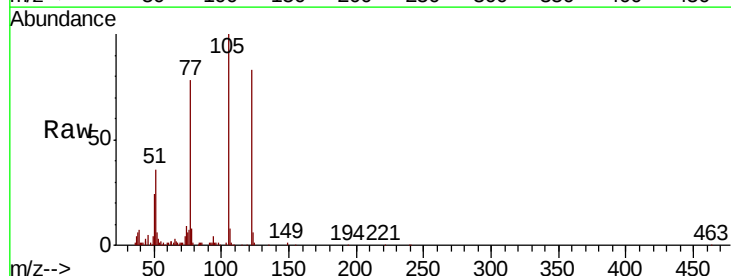
Instrument :
BNA_G
ClientSampleId :

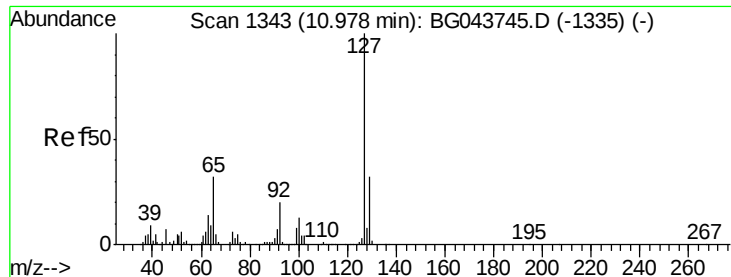
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.5	11.4	17.0



#32
Benzoic acid
Concen: 55.865 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	109.3	149.3
77	94.1	76.1	116.1

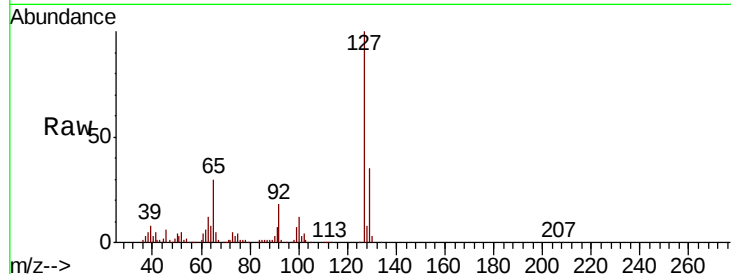




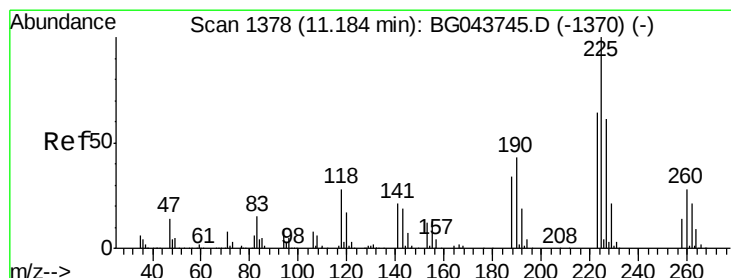
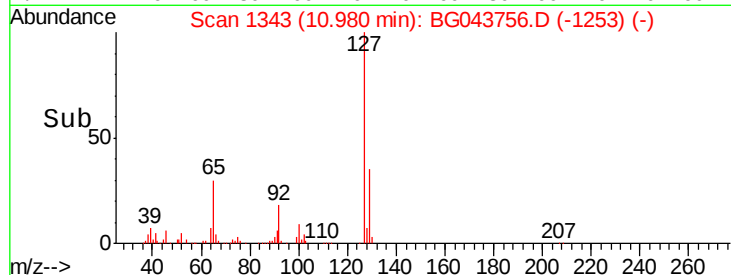
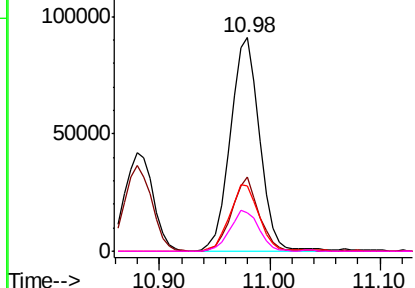
#33
4-Chloroaniline
Concen: 27.309 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	169730
Ion Ratio	Lower	Upper
127	100	
129	34.5	25.9 38.9
65	30.4	25.8 38.8
92	18.0	15.8 23.6

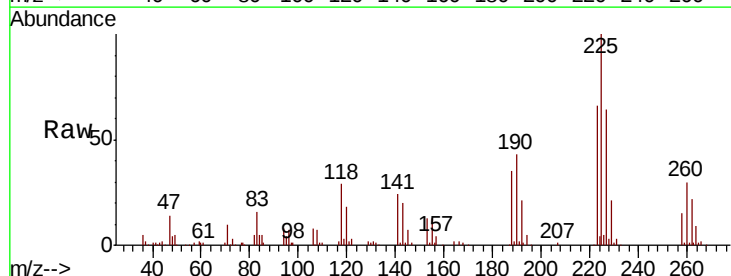


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

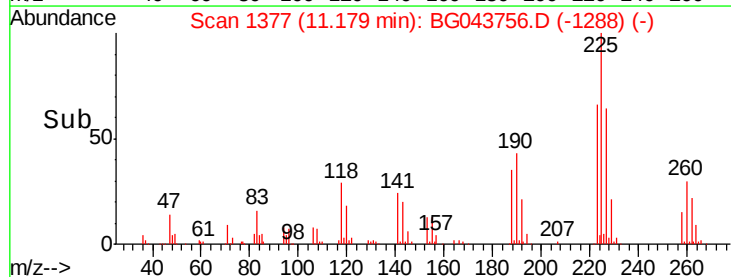
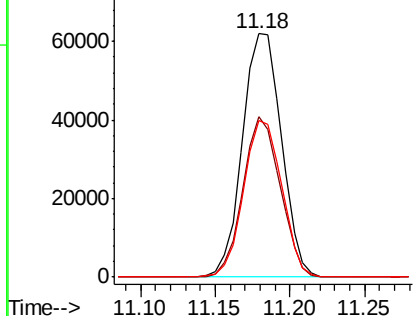


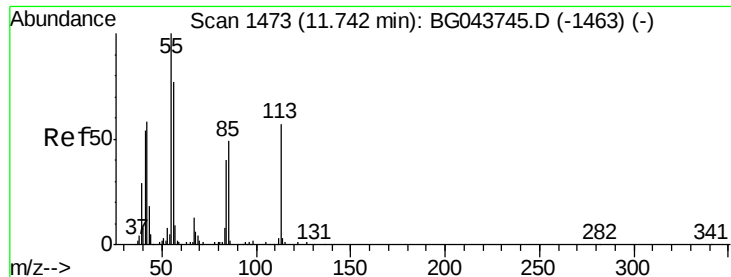
#34
Hexachlorobutadiene
Concen: 34.694 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion:225	Resp:	111936
Ion Ratio	Lower	Upper
225	100	
223	66.0	51.2 76.8
227	64.3	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

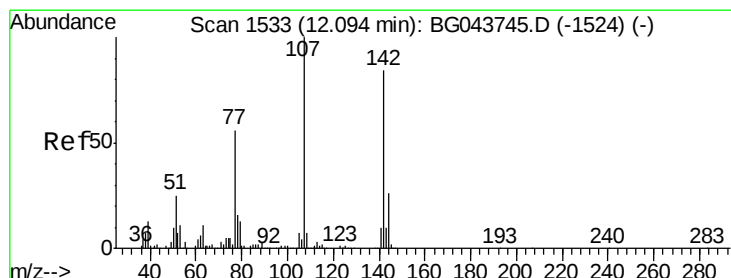
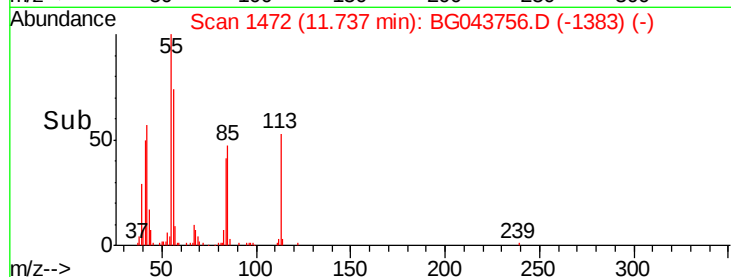
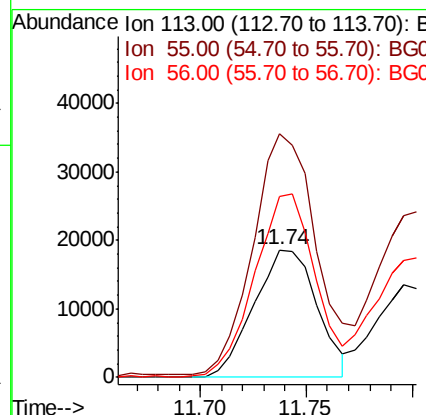
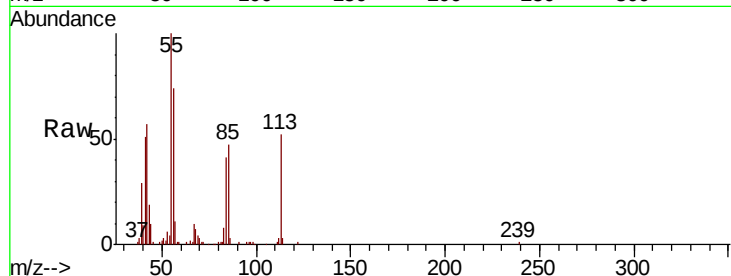




#35
Caprolactam
Concen: 22.673 ng
RT: 11.74 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

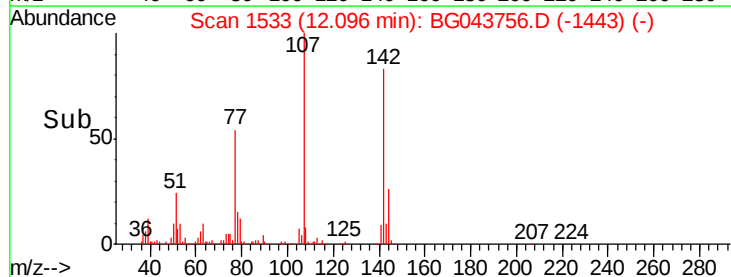
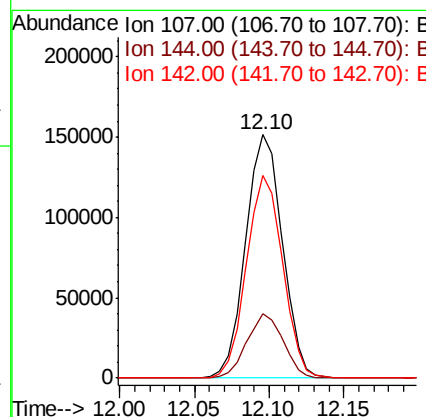
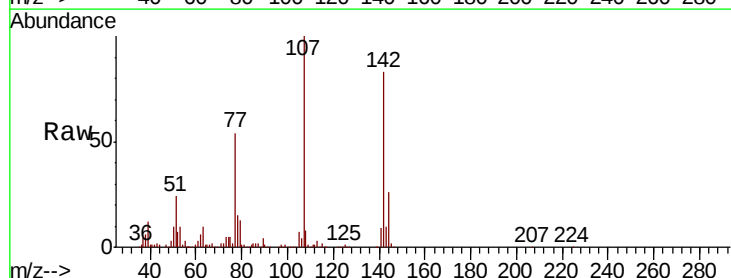
Instrument :
BNA_G
ClientSampleId :

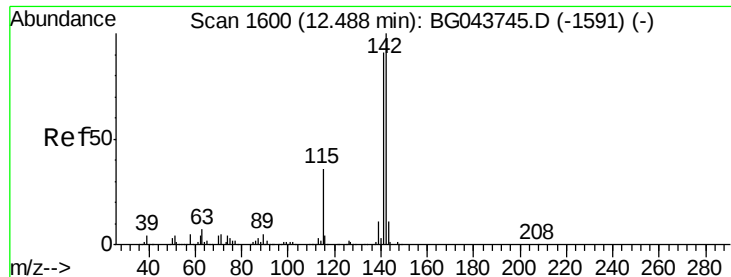
Tot Ion:113 Resp: 38601
Ion Ratio Lower Upper
113 100
55 190.7 160.9 200.9
56 141.5 116.8 156.8



#36
4-Chloro-3-methylphenol
Concen: 55.006 ng
RT: 12.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion:107 Resp: 258827
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.4
142 83.0 67.0 100.4

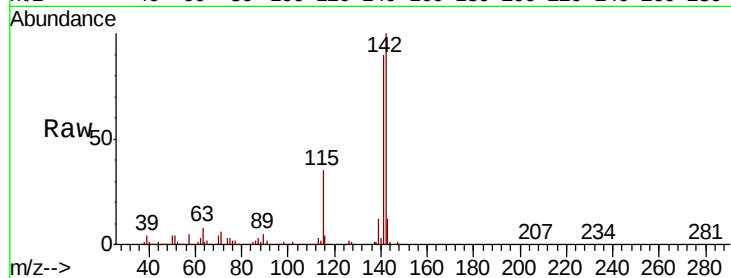




#37
2-Methylnaphthalene
Concen: 47.918 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2
115	34.7	28.9	43.3

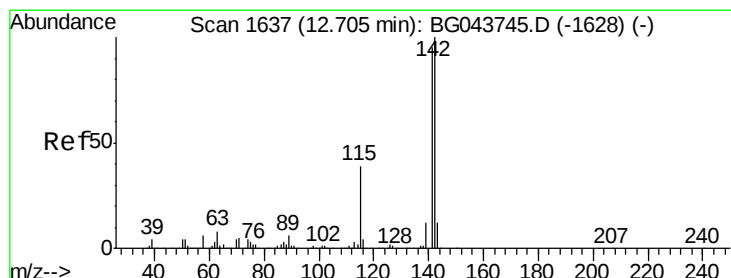
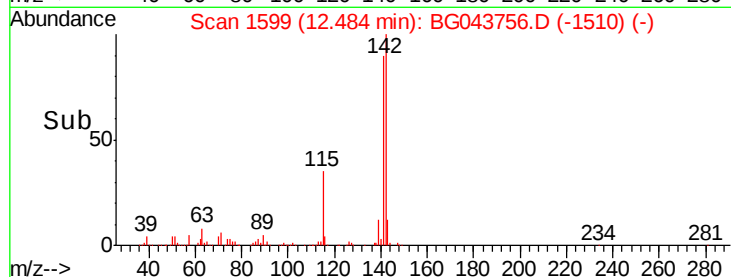
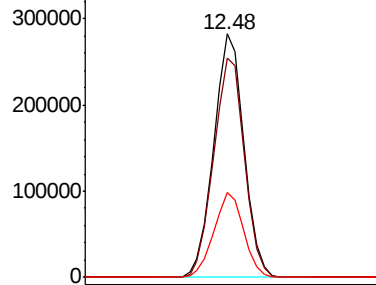


Abundance

Ion 142.00 (141.70 to 142.70): E

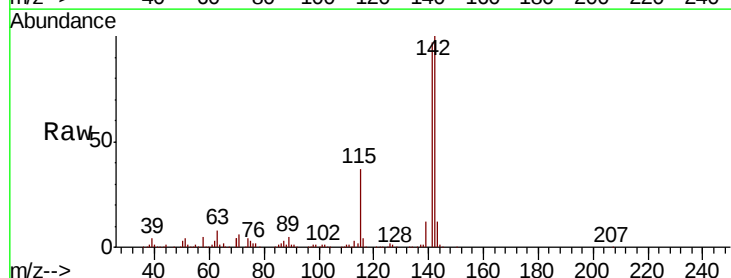
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.510 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	75.8	113.8
116	3.8	3.4	5.0

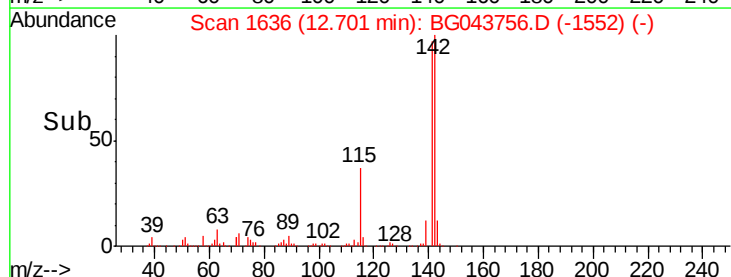
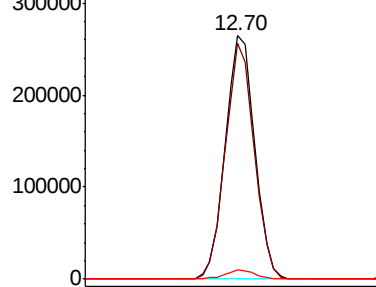


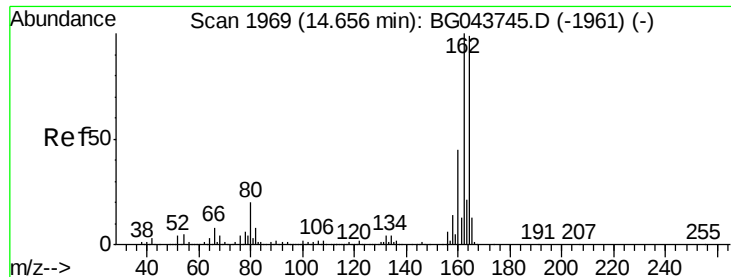
Abundance

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: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

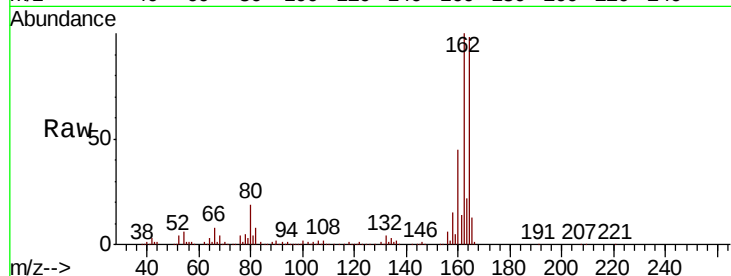
Tot Ion:164 Resp: 231530

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

160 46.1 36.3 54.5

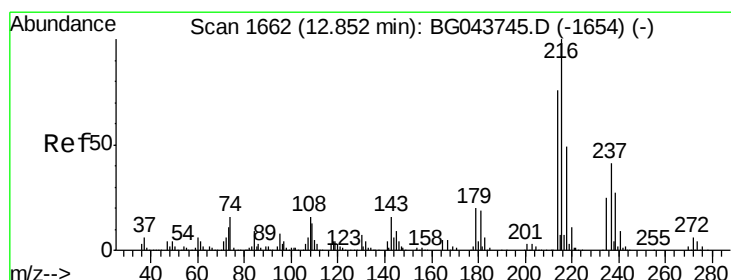
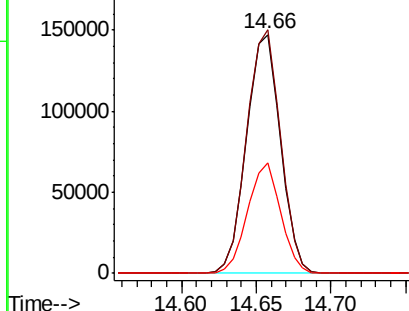
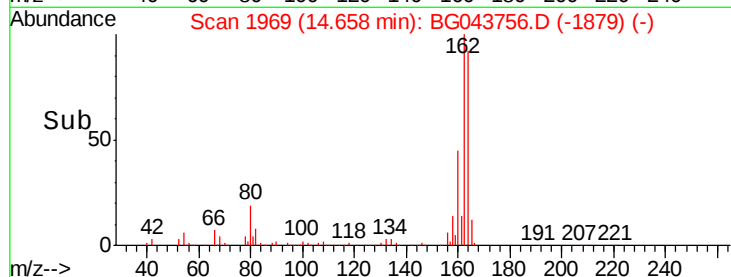


Abundance

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: 34.696 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:216 Resp: 255613

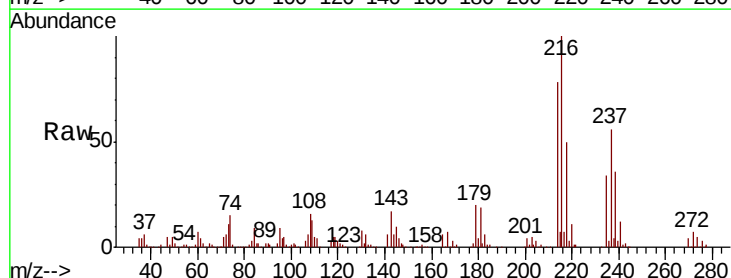
Ion Ratio Lower Upper

216 100

214 77.5 62.0 93.0

179 20.1 16.3 24.5

108 17.7 13.0 19.6



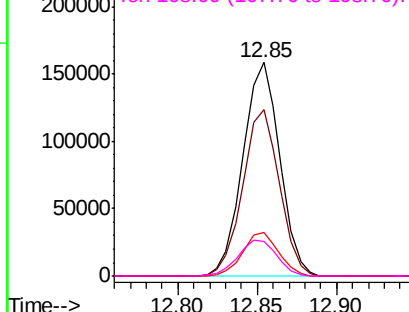
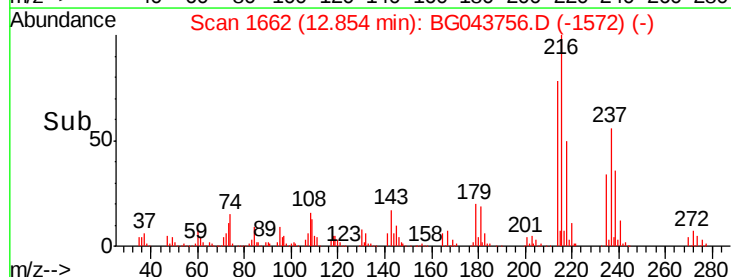
Abundance

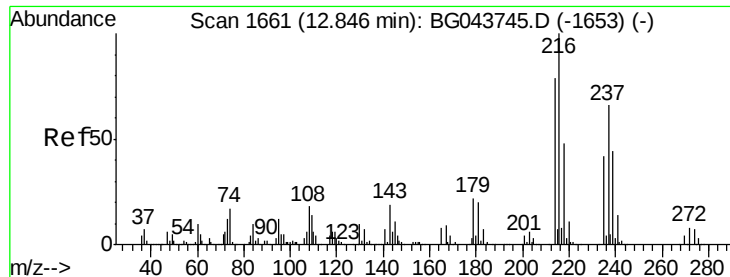
Ion 216.00 (215.70 to 216.70): E

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: 60.230 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

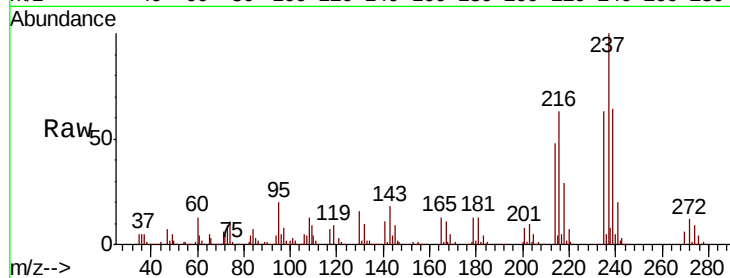
Tot Ion:237 Resp: 239737

Ion Ratio Lower Upper

237 100

235 63.5 43.8 83.8

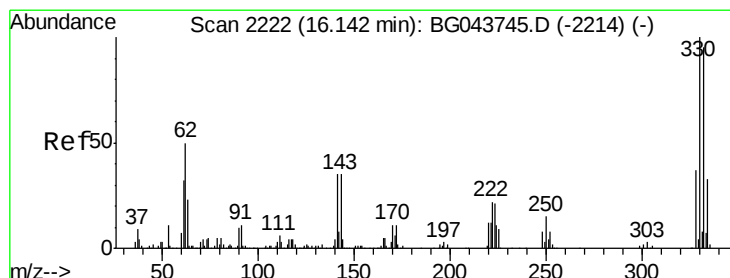
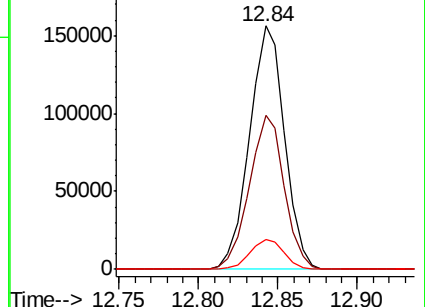
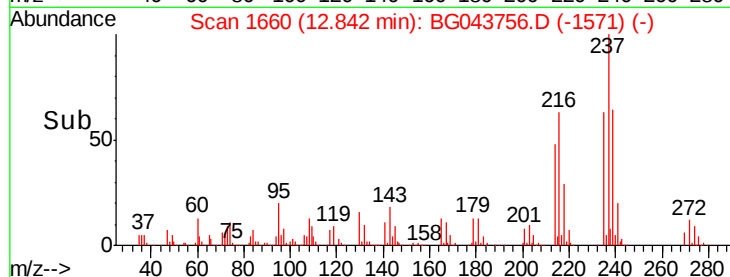
272 12.2 0.0 31.8



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: 124.211 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

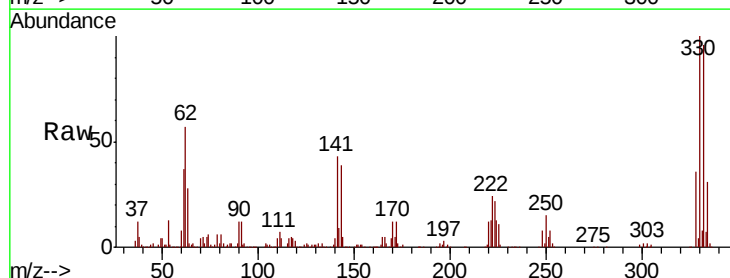
Tgt Ion:330 Resp: 346871

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

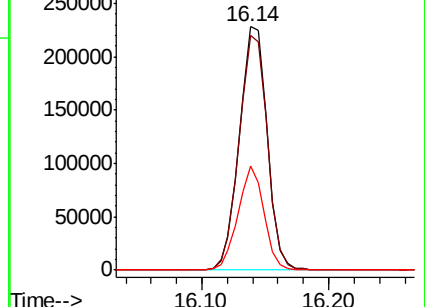
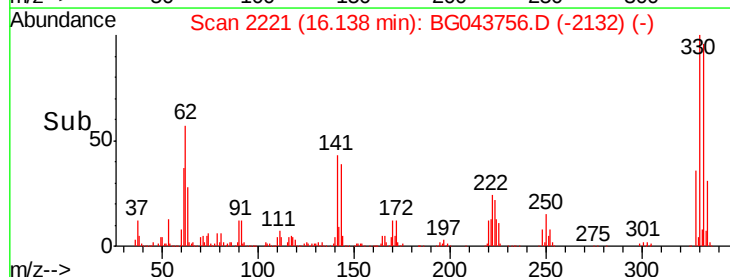
141 40.0 31.4 47.2

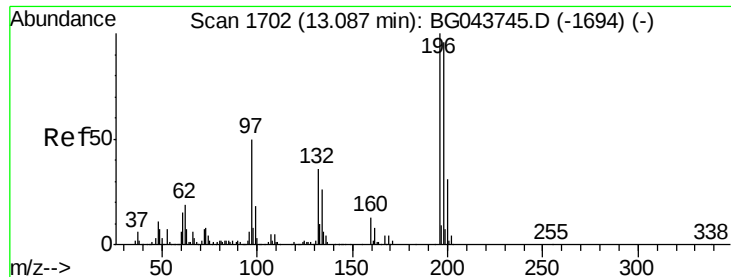


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

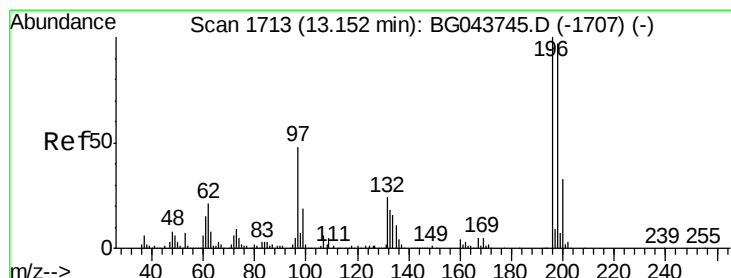
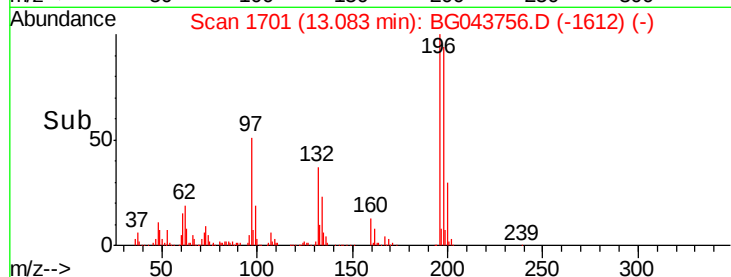
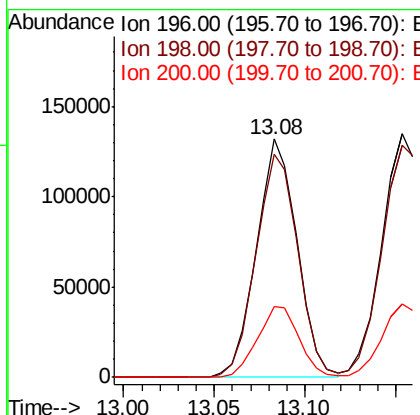
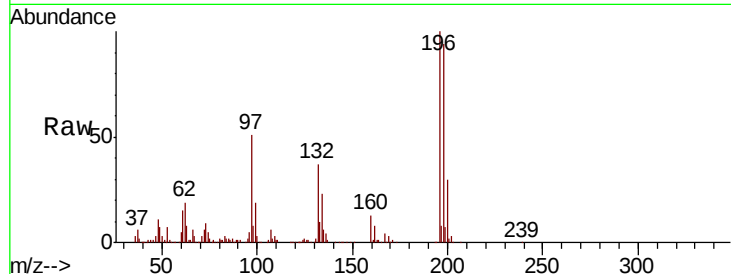




#43
2,4,6-Trichlorophenol
Concen: 43.344 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

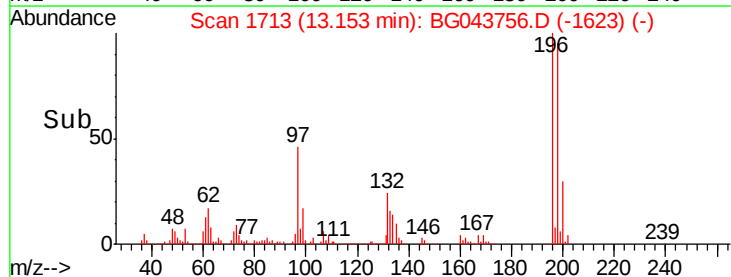
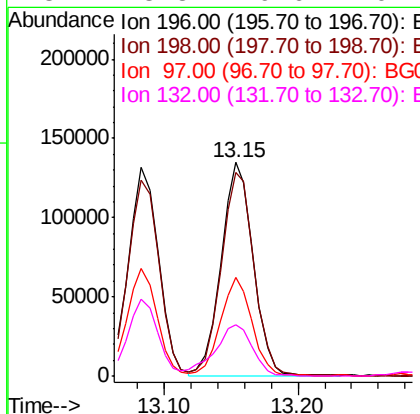
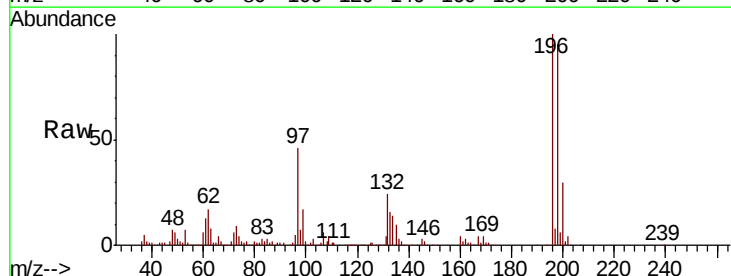
Instrument :
BNA_G
ClientSampleId :

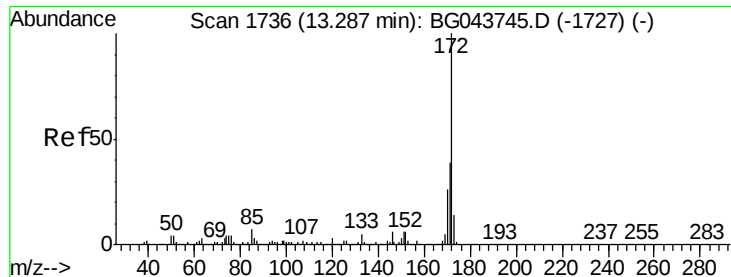
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.5	114.7
200	29.7	24.6	36.8



#44
2,4,5-Trichlorophenol
Concen: 45.848 ng
RT: 13.15 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.2	117.2
97	46.1	39.1	58.7
132	23.8	19.6	29.4

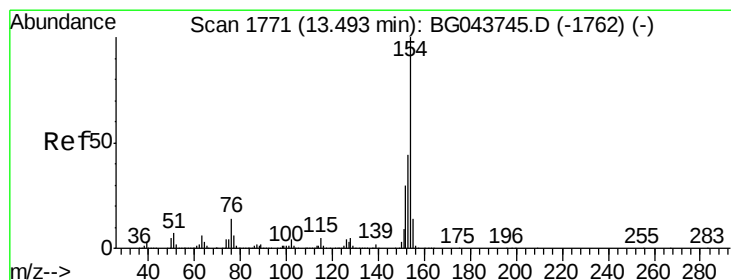
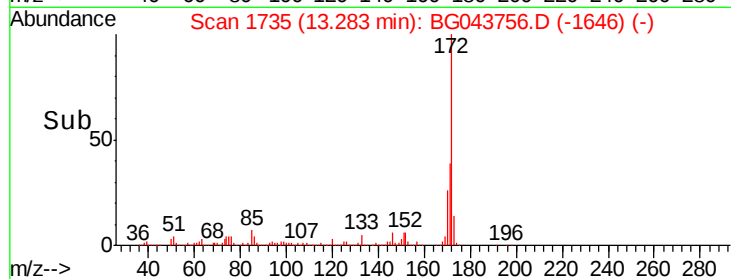
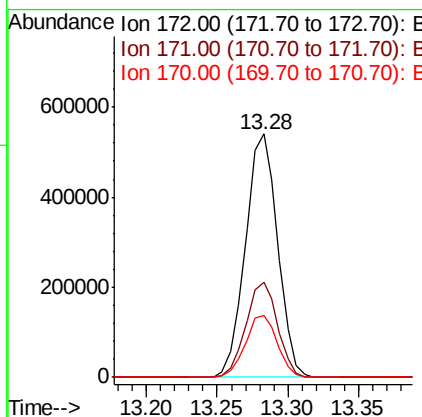
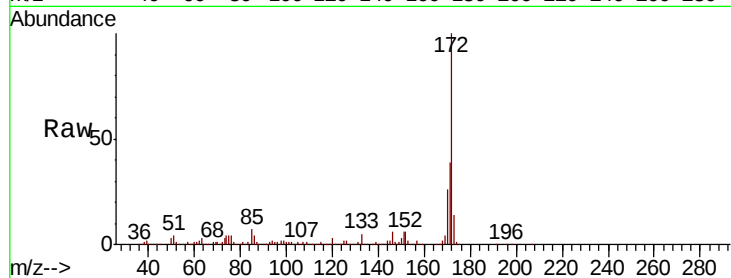




#45
2-Fluorobiphenyl
Concen: 61.362 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

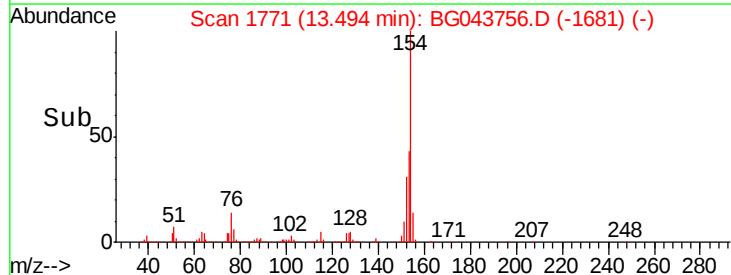
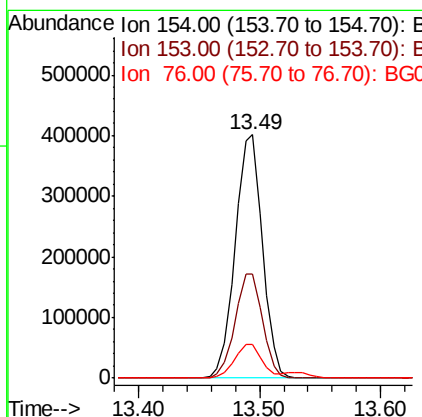
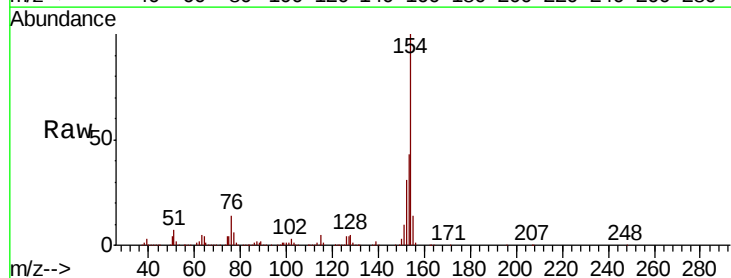
Instrument :
BNA_G
ClientSampleId :

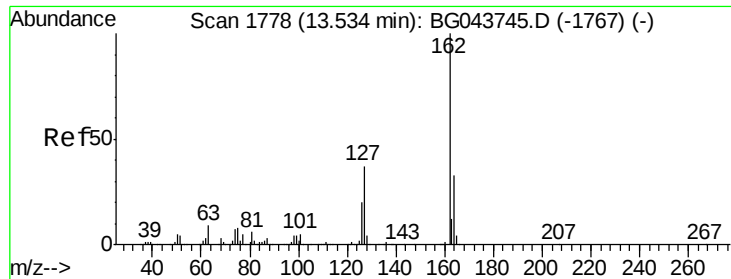
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.6
170	25.7	21.0	31.4



#46
1,1'-Biphenyl
Concen: 39.154 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.5	63.5
76	13.7	0.0	33.6

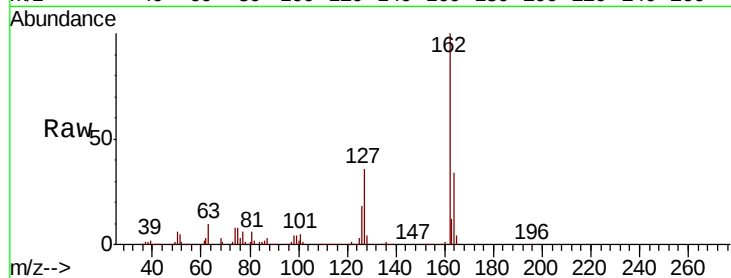




#47
2-Chloronaphthalene
Concen: 38.282 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.0	45.0
164	33.7	26.4	39.6

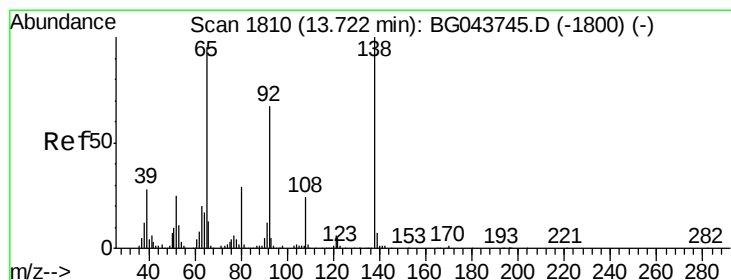
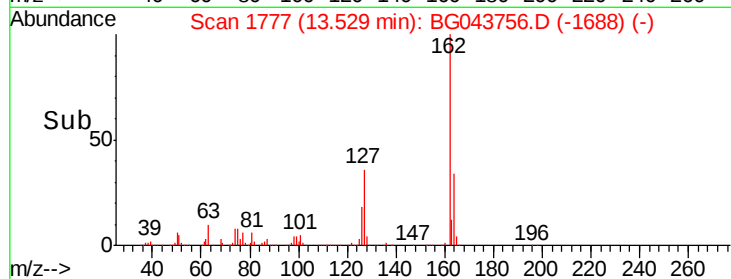
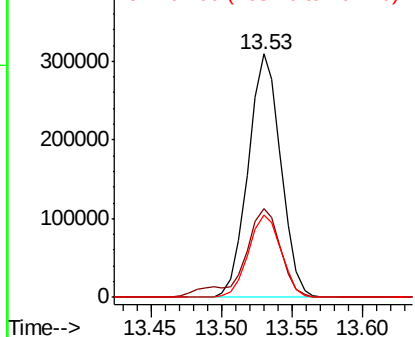


Abundance

Ion 162.00 (161.70 to 162.70): E

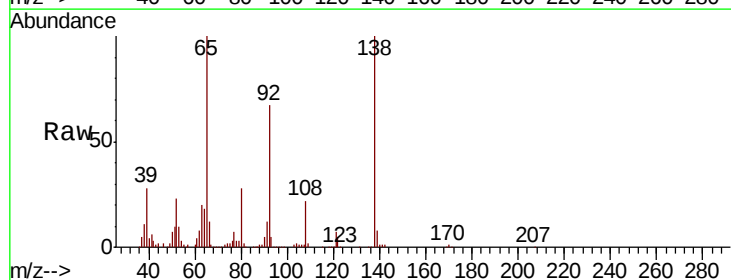
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.880 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	56.1	84.1
138	100.4	84.2	126.4

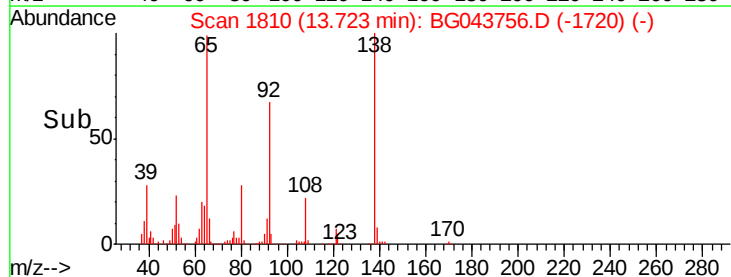
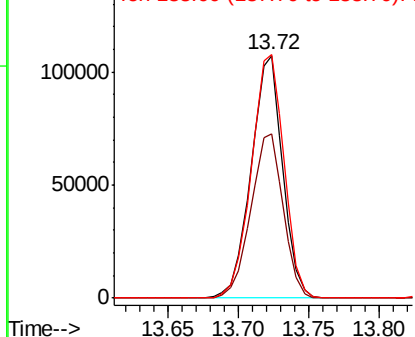


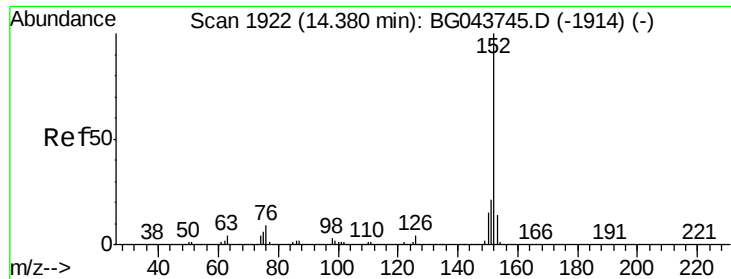
Abundance

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: 41.984 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

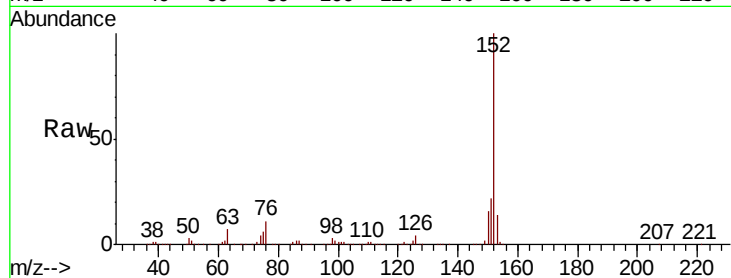
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 864500

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.0	25.6
153	14.1	10.8	16.2

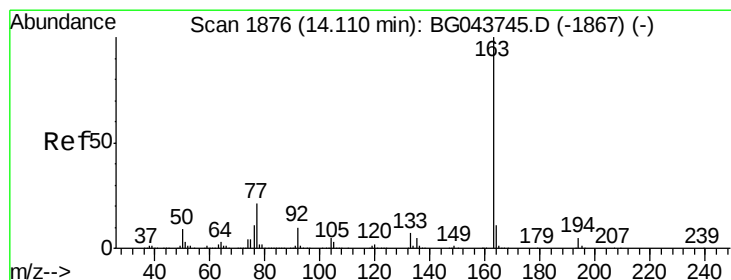
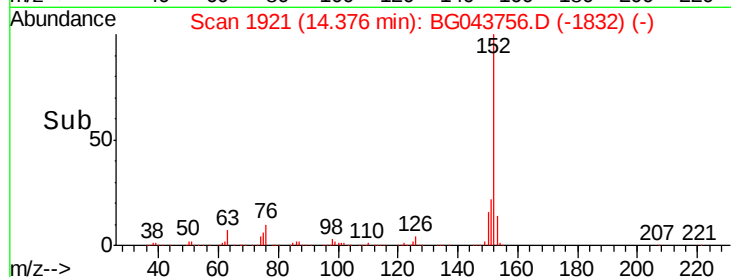
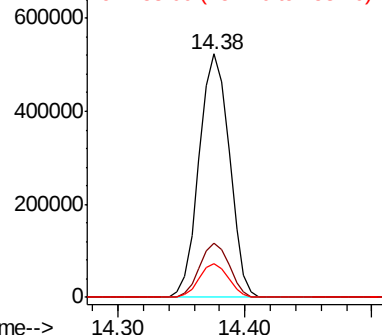


Abundance

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: 40.350 ng

RT: 14.11 min Scan# 1876

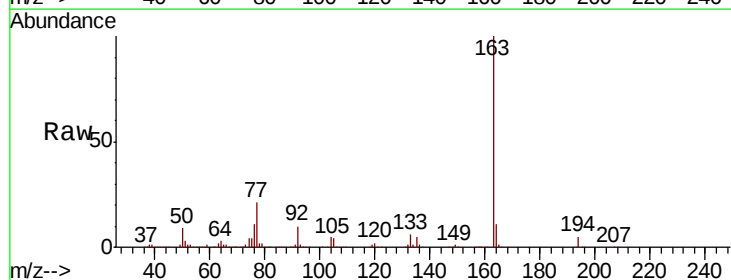
Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:163 Resp: 740061

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.3	8.7	13.1

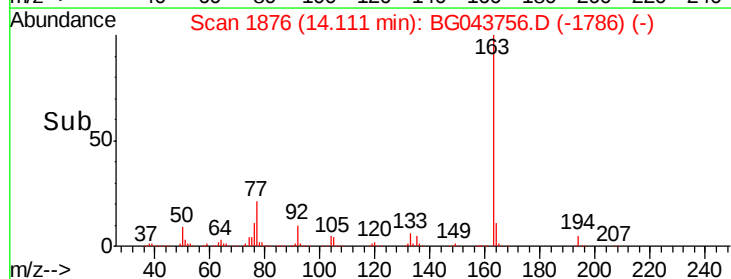
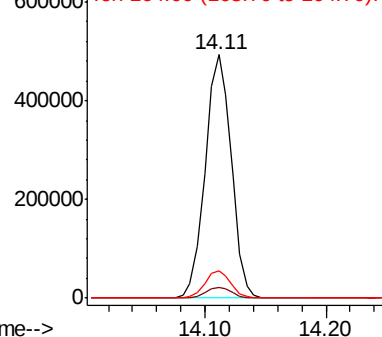


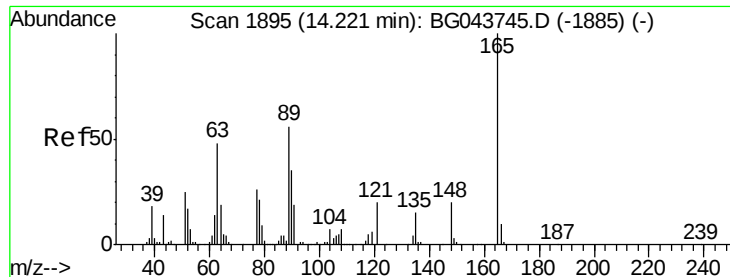
Abundance

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

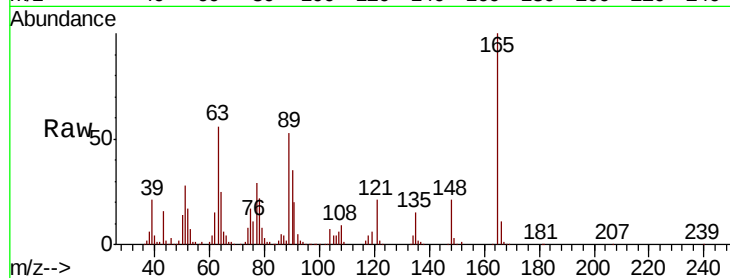




#51
2,6-Dinitrotoluene
Concen: 47.255 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	43.4	65.2
89	53.5	44.6	67.0

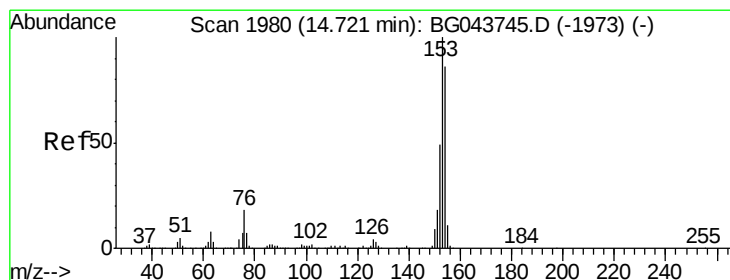
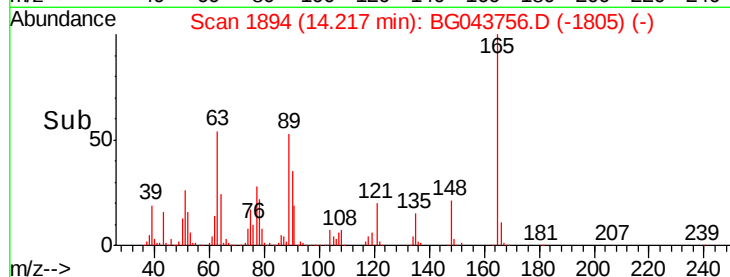
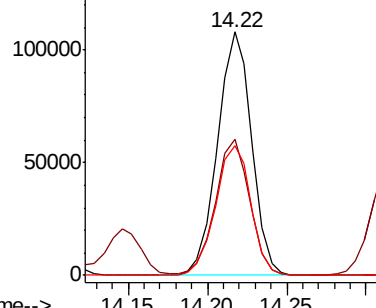


Abundance

Ion 165.00 (164.70 to 165.70): E

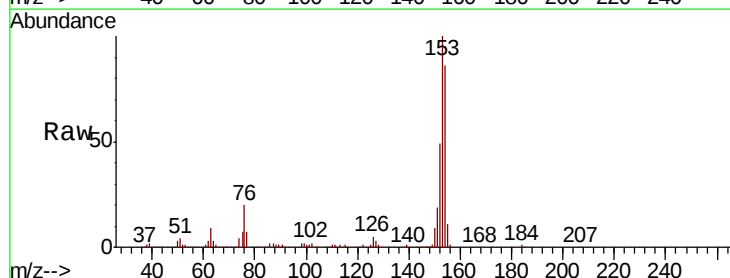
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 43.691 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.9	139.3
152	57.1	45.2	67.8

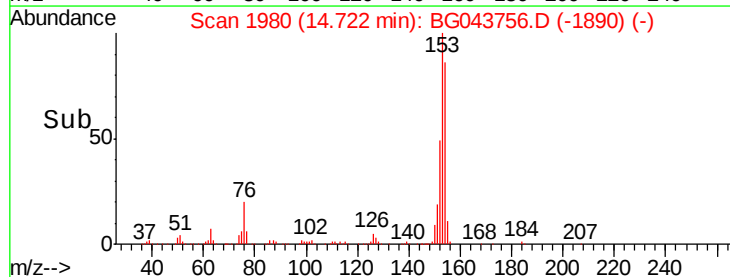
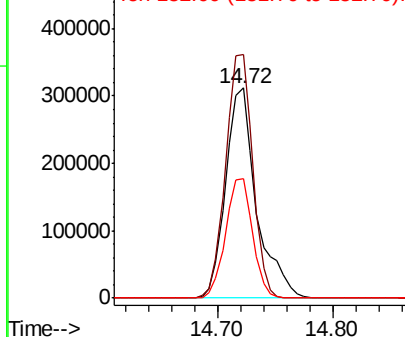


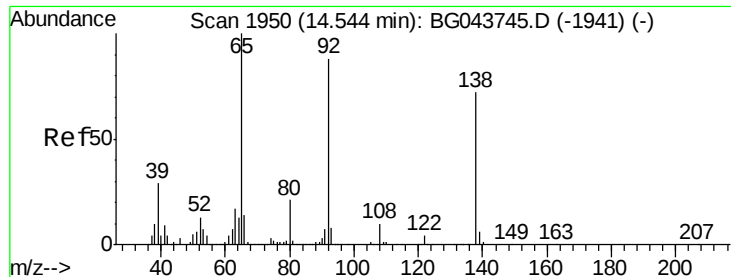
Abundance

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: 32.370 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

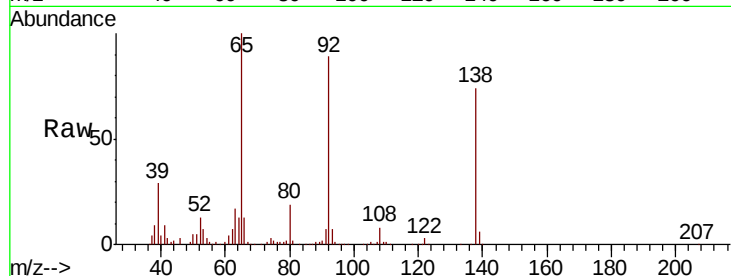
Tot Ion:138 Resp: 128779

Ion Ratio Lower Upper

138 100

108 11.4 11.7 17.5#

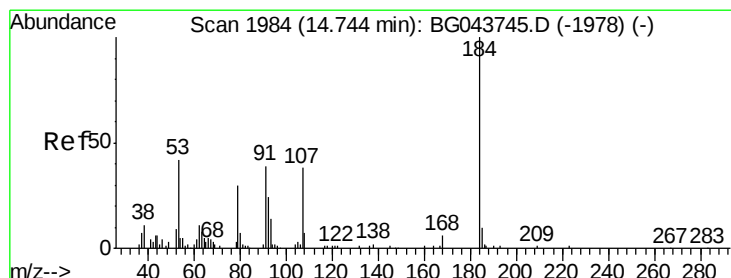
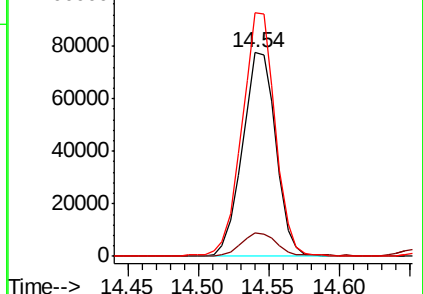
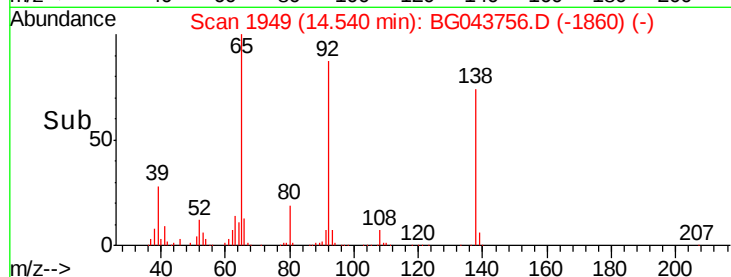
92 119.5 97.2 145.8



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: 98.818 ng

RT: 14.75 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

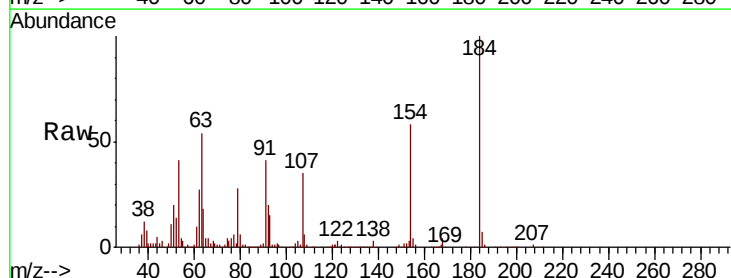
Tgt Ion:184 Resp: 137514

Ion Ratio Lower Upper

184 100

63 53.8 52.4 78.6

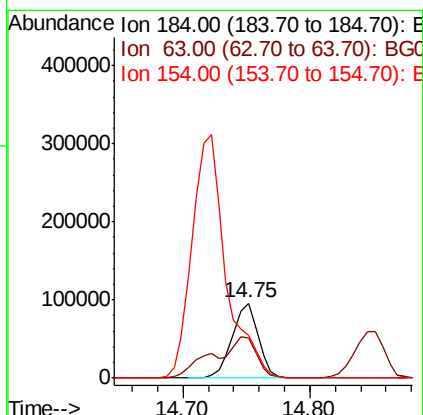
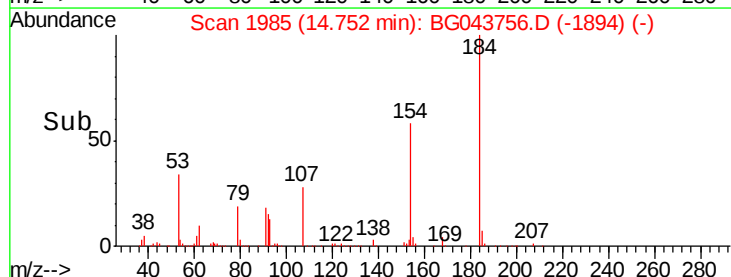
154 57.7 92.8 139.2#

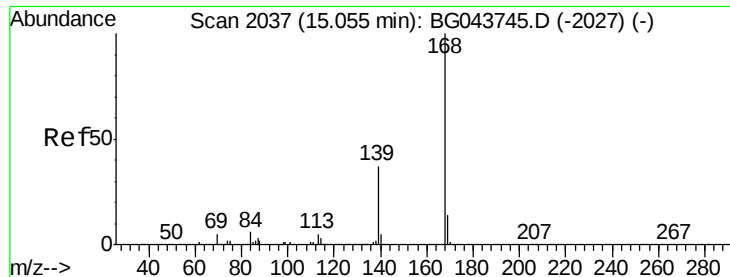


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.410 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

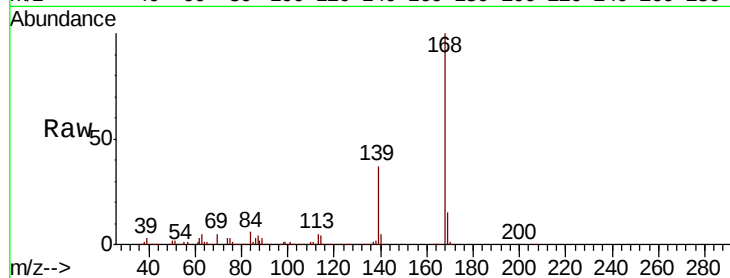
Tot Ion:168 Resp: 849504

Ion Ratio Lower Upper

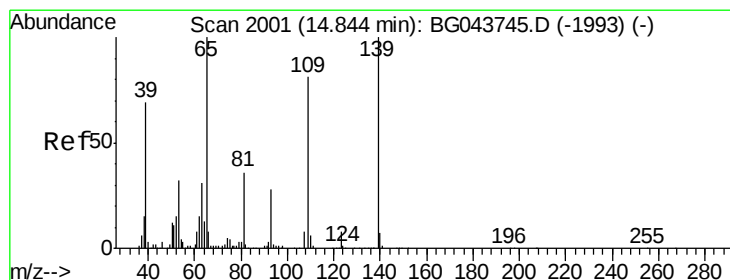
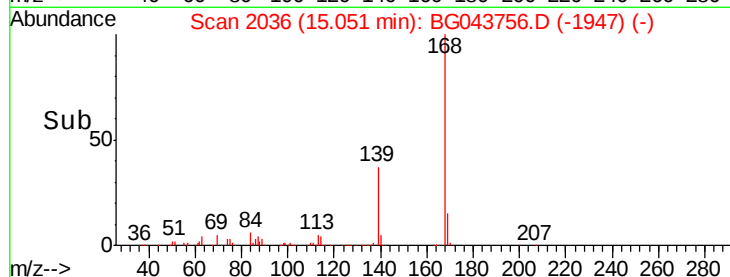
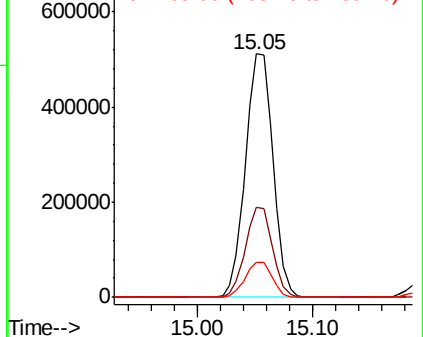
168 100

139 37.1 29.4 44.2

169 14.6 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: 96.216 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

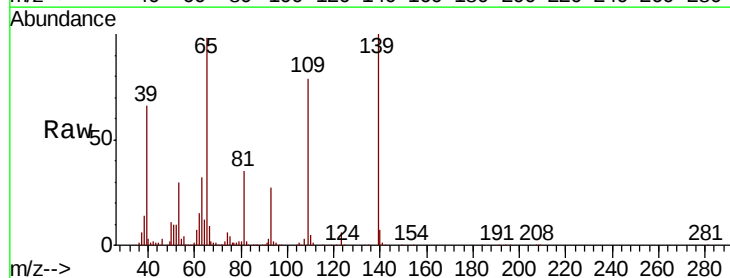
Tgt Ion:139 Resp: 322423

Ion Ratio Lower Upper

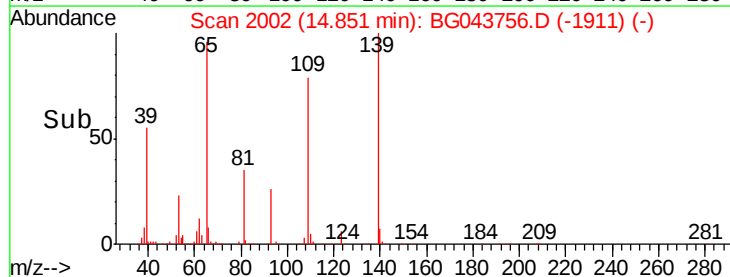
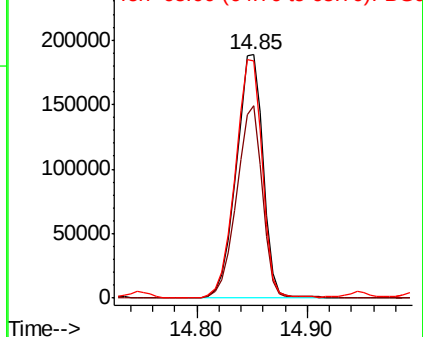
139 100

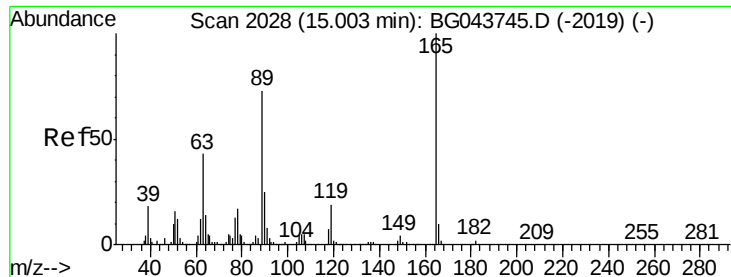
109 78.9 61.4 101.4

65 97.6 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

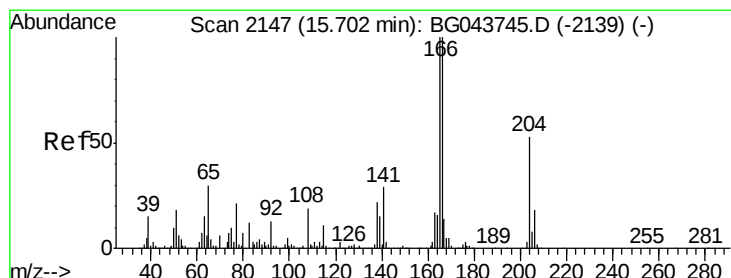
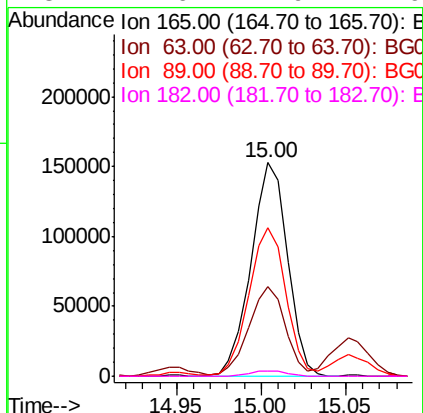
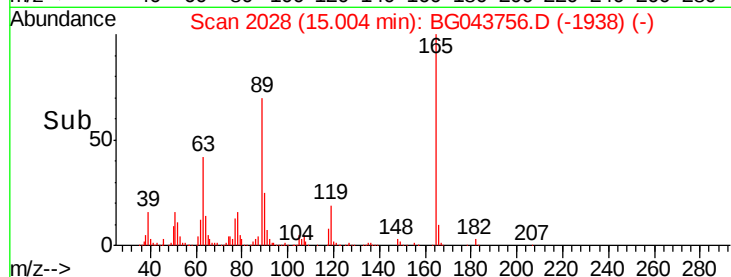
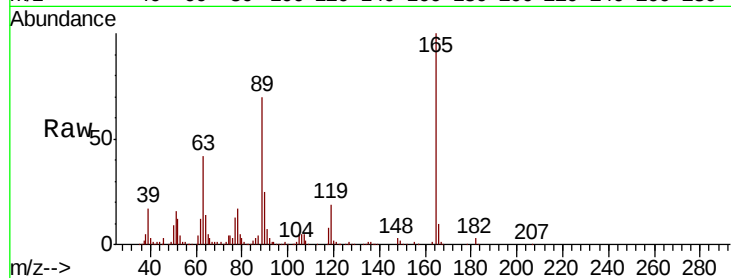




#57
2,4-Dinitrotoluene
Concen: 48.271 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

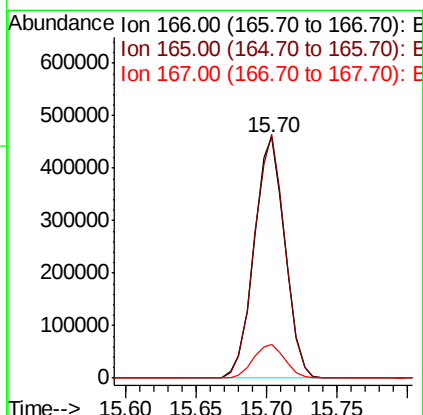
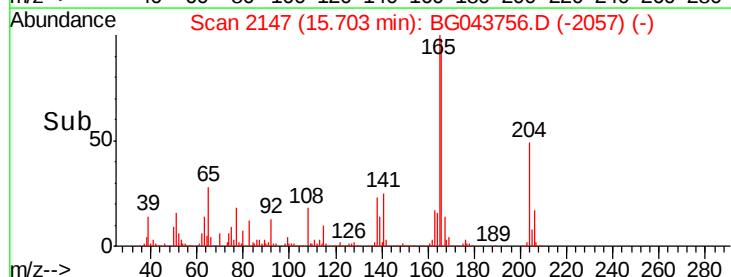
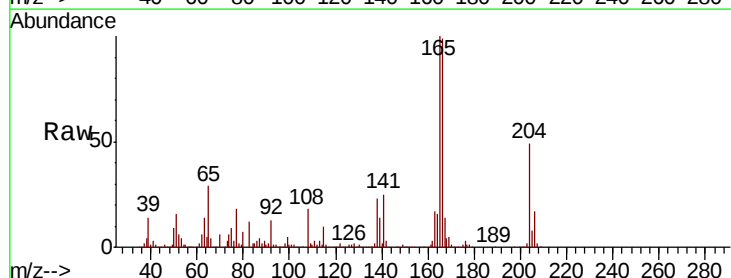
Instrument :
BNA_G
ClientSampleId :

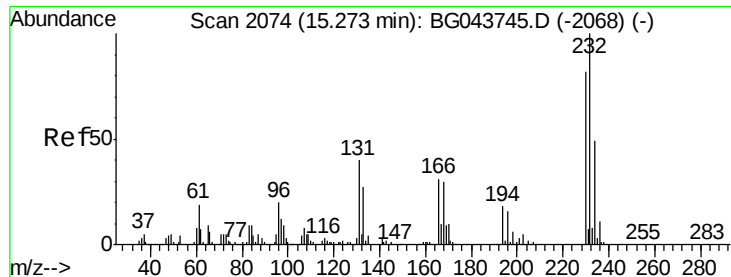
Tot Ion:165	Resp:	228013
Ion	Ratio	Lower Upper
165	100	
63	41.8	34.6 51.8
89	69.8	58.3 87.5
182	2.6	1.9 2.9



#58
Fluorene
Concen: 41.760 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion:166	Resp:	702549
Ion	Ratio	Lower Upper
166	100	
165	101.2	79.9 119.9
167	14.2	11.4 17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.654 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.08 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 216124

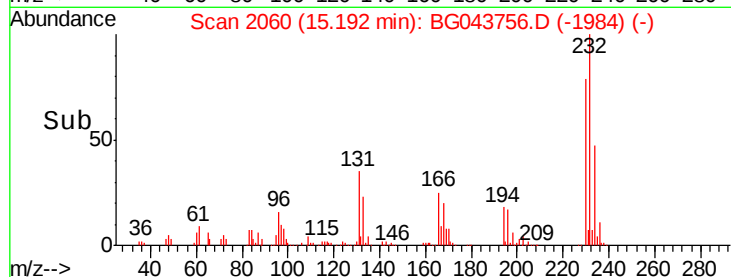
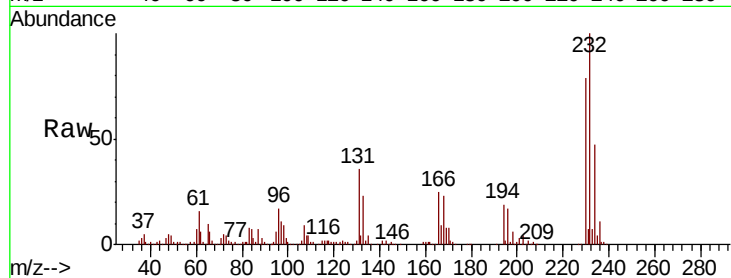
Ion Ratio Lower Upper

232 100

131 35.1 27.0 40.6

130 2.2 1.6 2.4

166 24.4 18.2 27.2

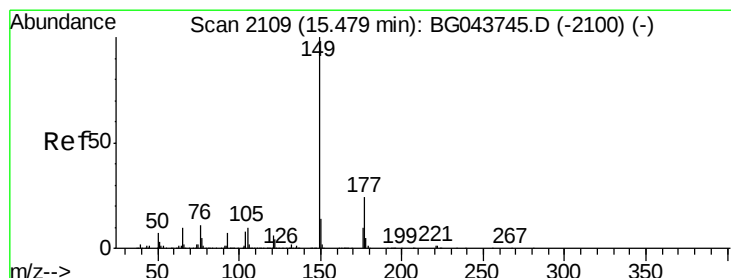
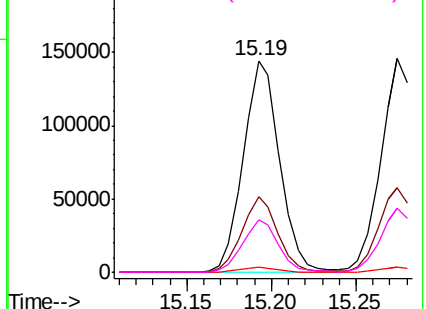


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.880 ng

RT: 15.48 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

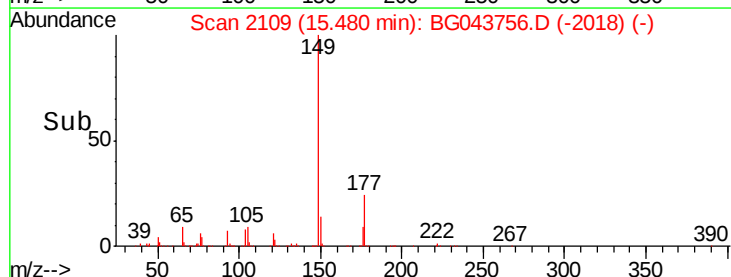
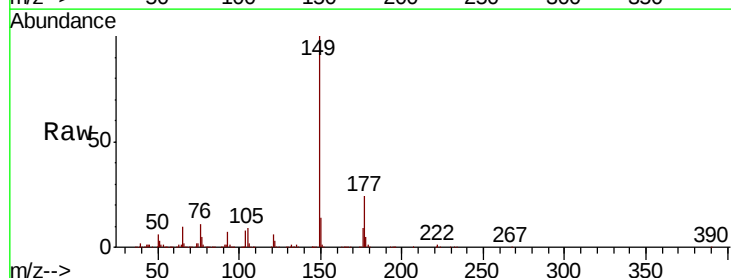
Tgt Ion:149 Resp: 778331

Ion Ratio Lower Upper

149 100

177 23.9 19.3 28.9

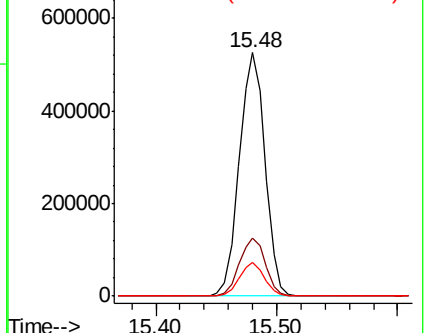
150 13.6 11.1 16.7

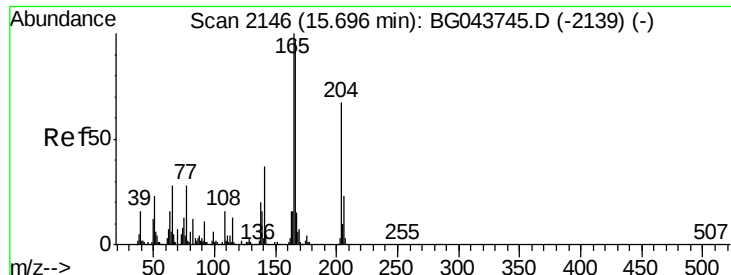


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

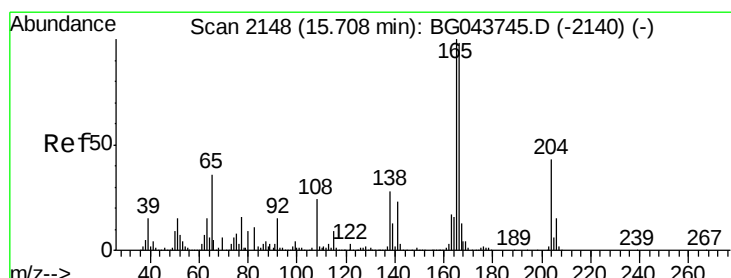
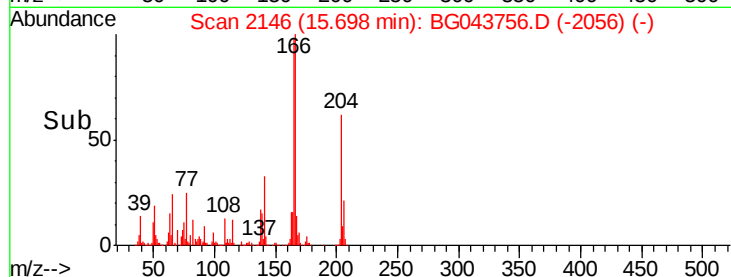
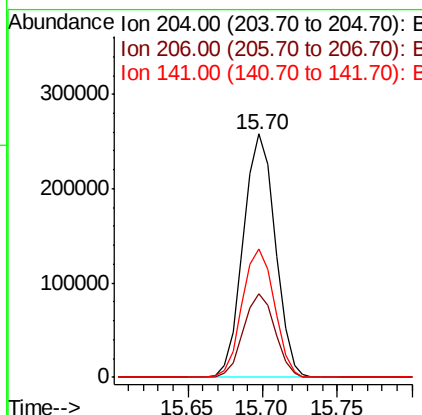
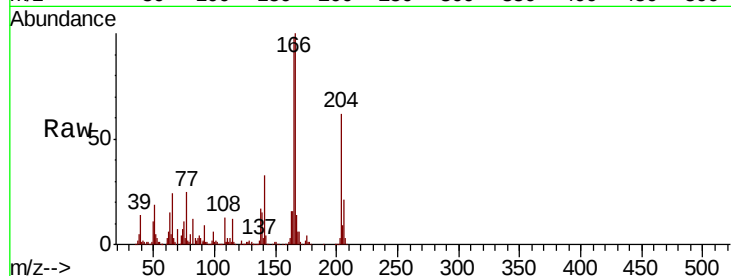




#61
4-Chlorophenyl-phenylether
Concen: 41.216 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

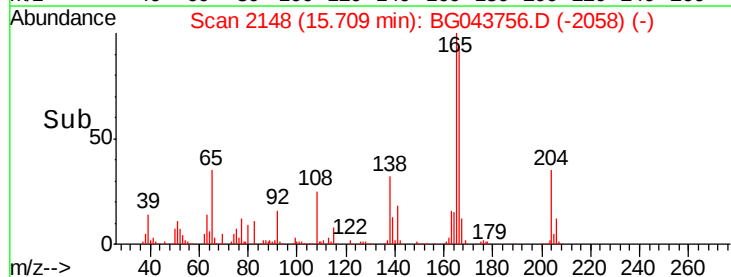
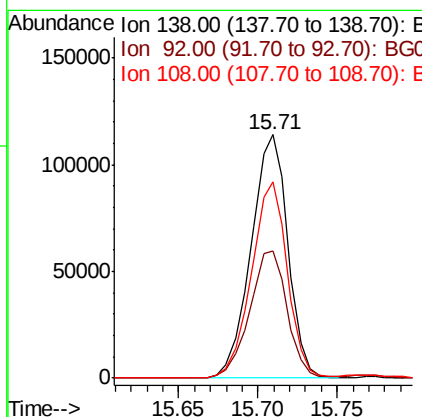
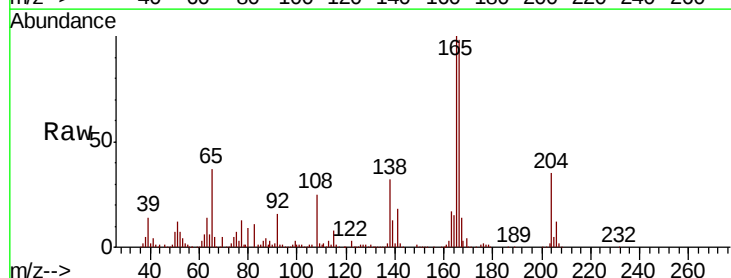
Instrument :
BNA_G
ClientSampled :

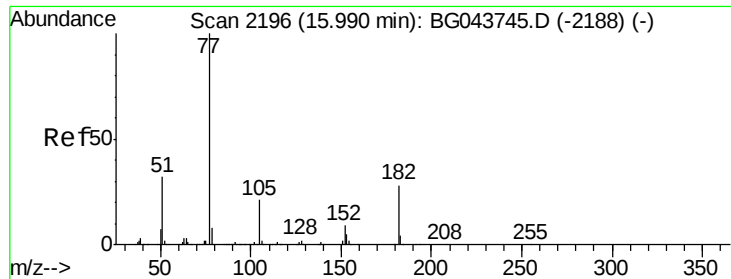
Tot Ion:204 Resp: 381764
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 52.9 44.3 66.5



#62
4-Nitroaniline
Concen: 40.313 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion:138 Resp: 183901
Ion Ratio Lower Upper
138 100
92 52.3 34.6 74.6
108 80.6 65.7 105.7





#63

Azobenzene

Concen: 41.987 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 724805

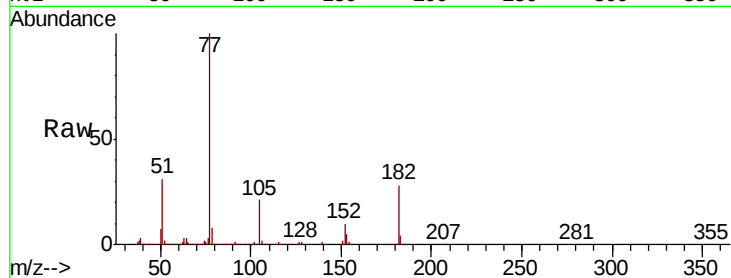
Ion Ratio Lower Upper

77 100

182 27.7 7.6 47.6

105 21.0 0.7 40.7

51 31.2 12.1 52.1

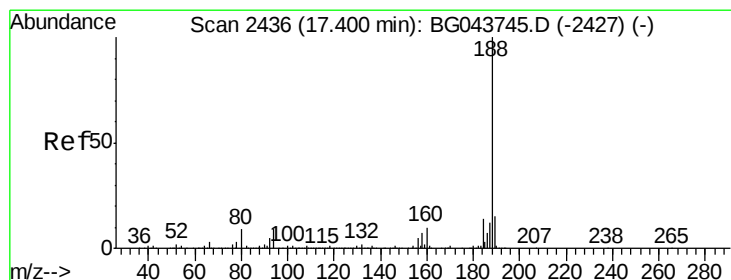
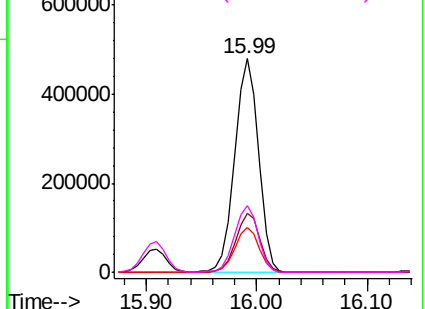
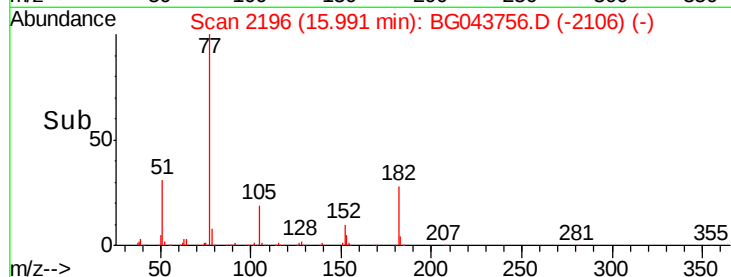


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2435

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

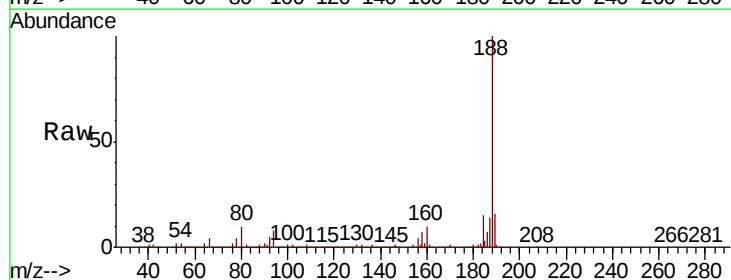
Tgt Ion: 188 Resp: 590404

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

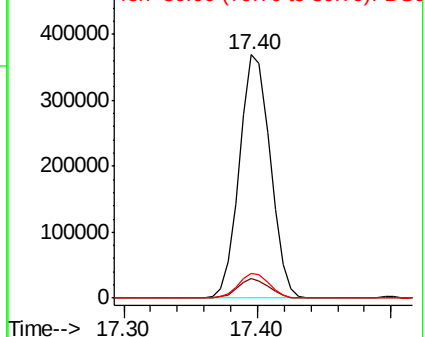
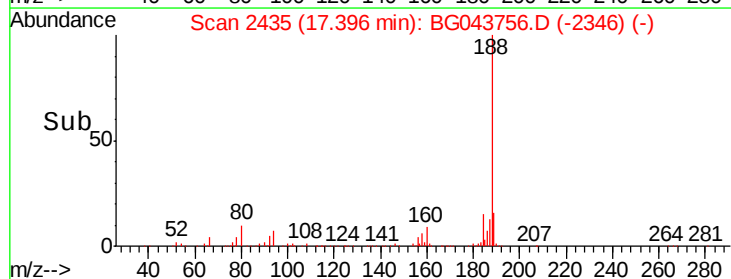
80 10.1 7.5 11.3

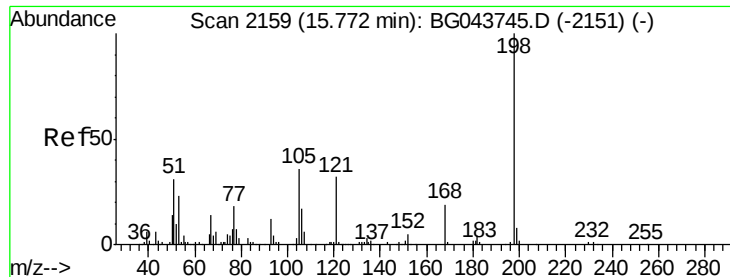


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

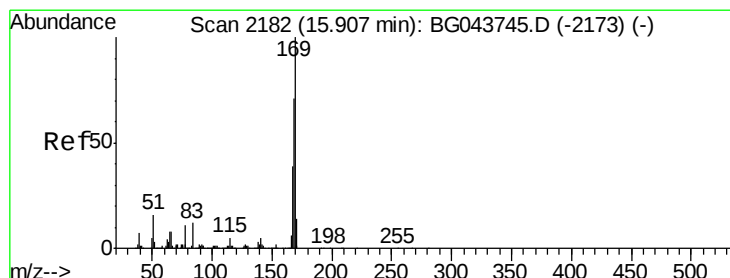
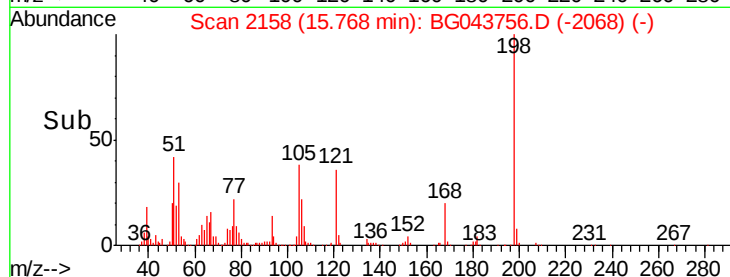
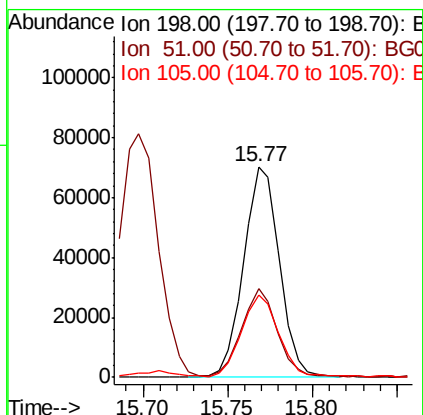
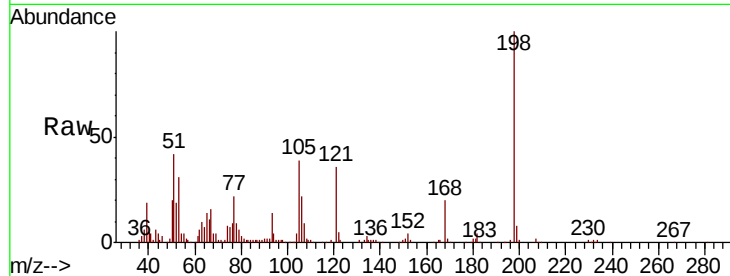




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.058 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

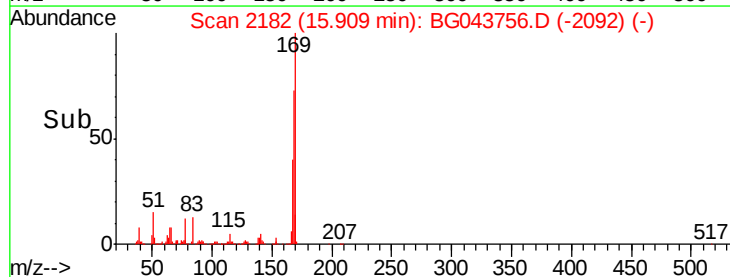
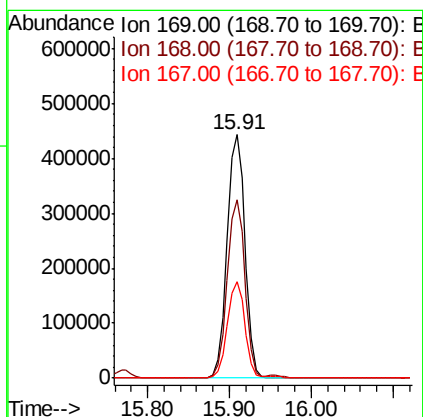
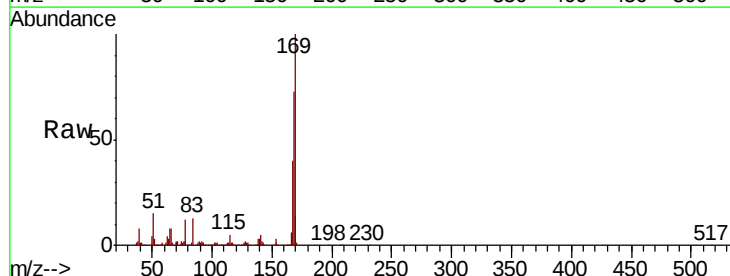
Instrument :
 BNA_G
 ClientSampleId :

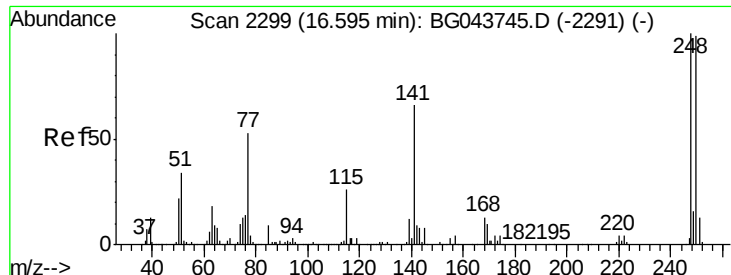
Tot Ion	198	Resp	104120
Ion	Ratio	Lower	Upper
198	100		
51	42.0	16.8	56.8
105	38.8	17.3	57.3



#66
 n-Nitrosodiphenylamine
 Concen: 43.006 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	169	Resp	672268
Ion	Ratio	Lower	Upper
169	100		
168	73.4	56.6	85.0
167	39.7	30.8	46.2

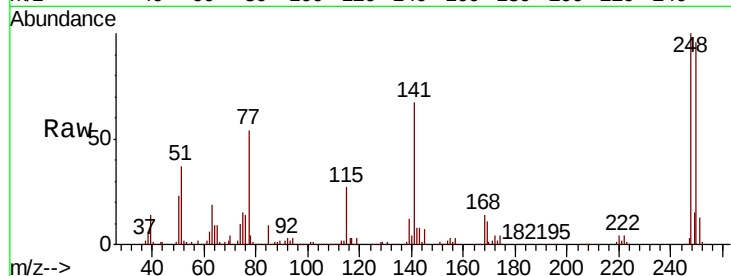




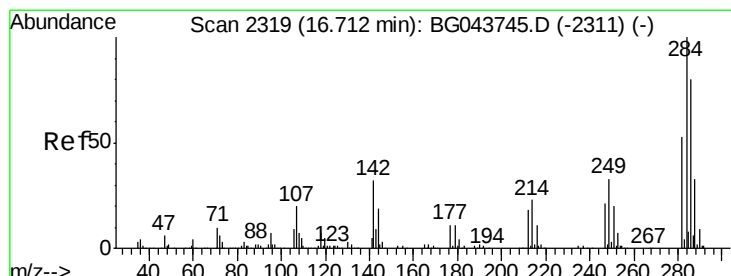
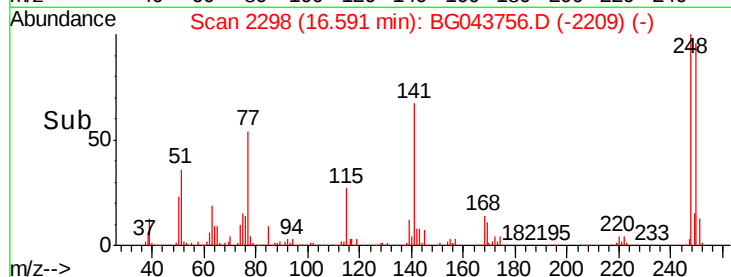
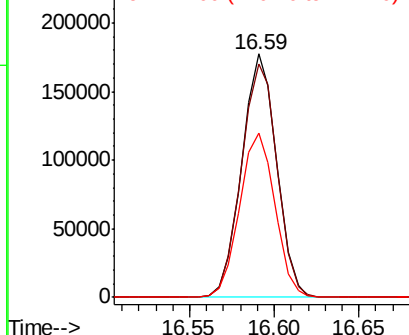
#67
 4-Bromophenyl-phenylether
 Concen: 40.809 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 254080
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.3 118.9
 141 67.5 53.0 79.6

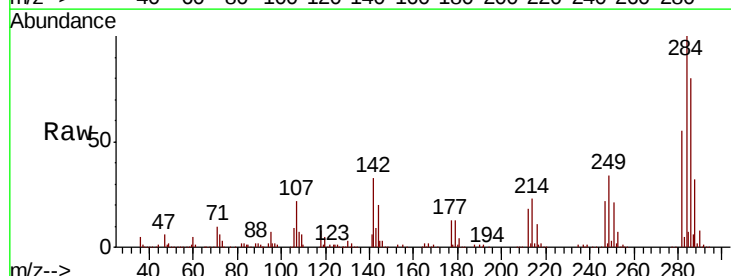


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

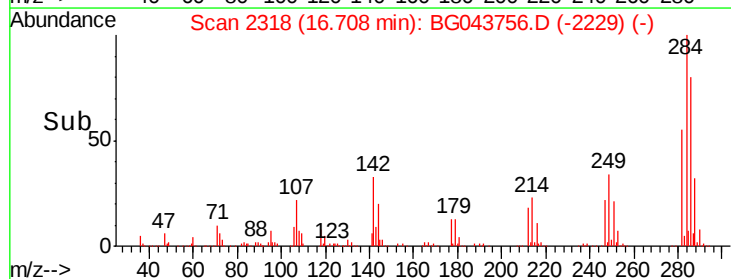
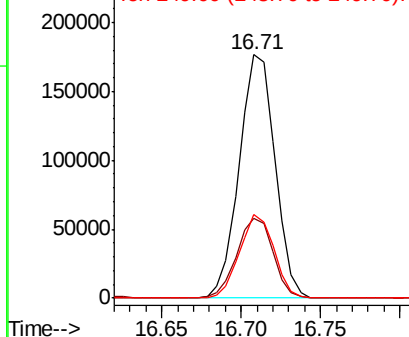


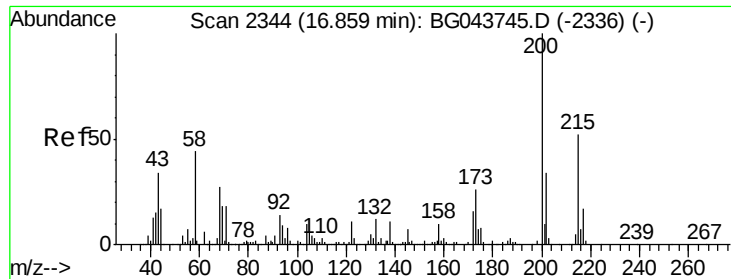
#68
 Hexachlorobenzene
 Concen: 40.671 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion:284 Resp: 276831
 Ion Ratio Lower Upper
 284 100
 142 32.6 25.4 38.0
 249 34.3 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

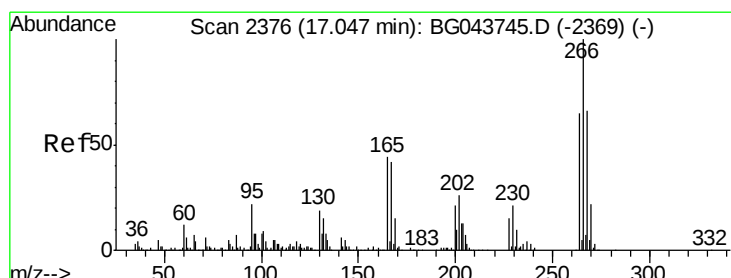
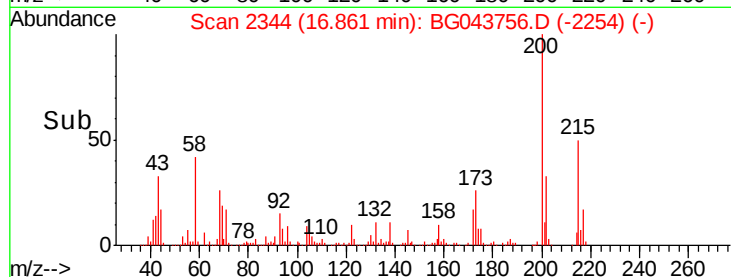
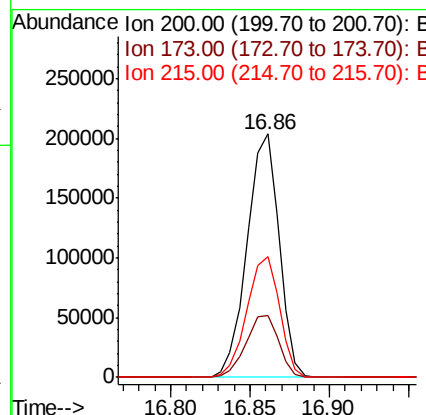
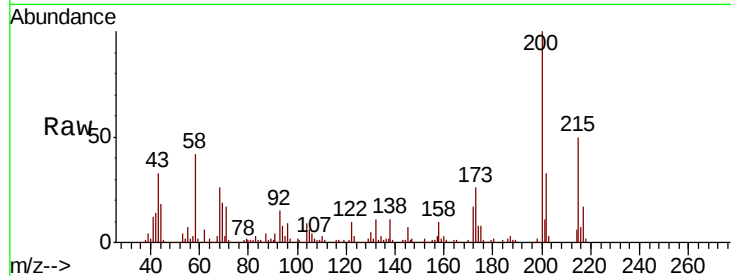




#69
 Atrazine
 Concen: 45.559 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

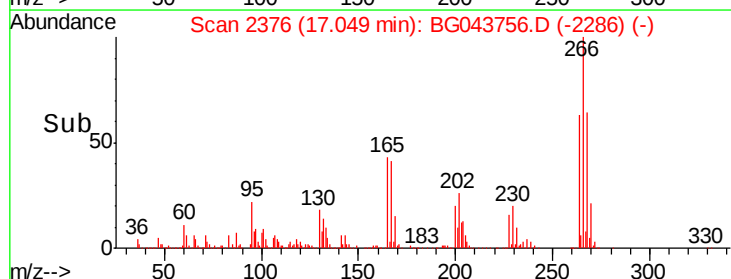
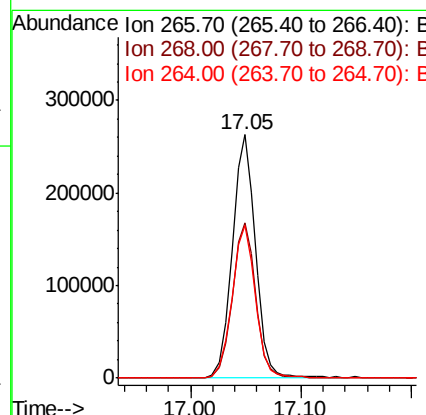
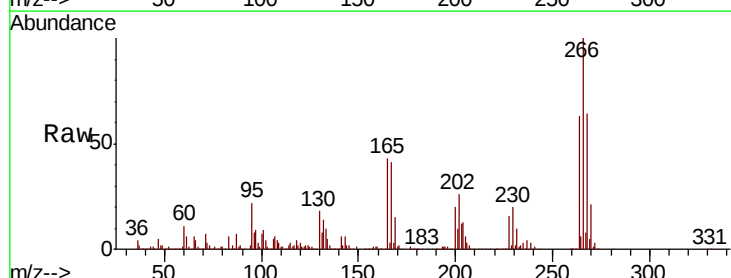
Instrument :
 BNA_G
 ClientSampled :

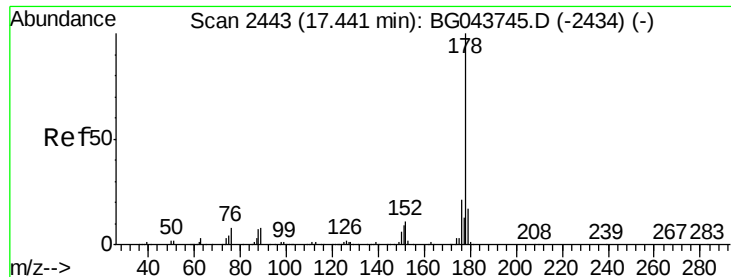
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.0	46.0
215	49.7	32.4	72.4



#70
 Pentachlorophenol
 Concen: 93.382 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.9	79.3
264	62.8	51.6	77.4





#71

Phenanthrene

Concen: 42.156 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

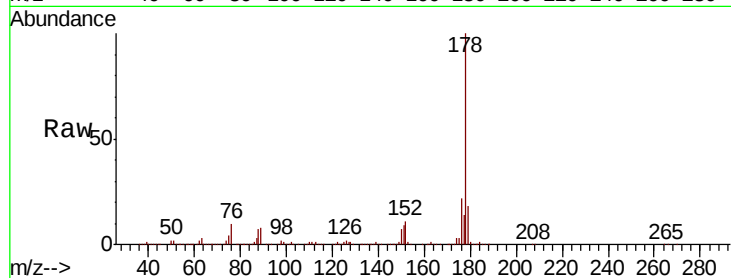
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1231521

Ion	Ratio	Lower	Upper
178	100		
176	22.4	16.9	25.3
179	17.7	13.5	20.3

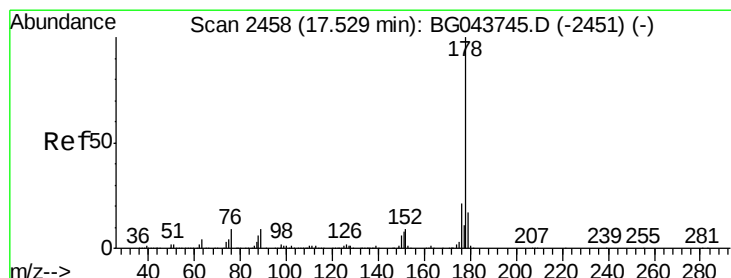
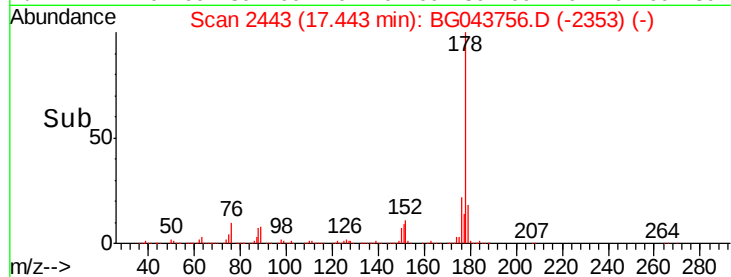
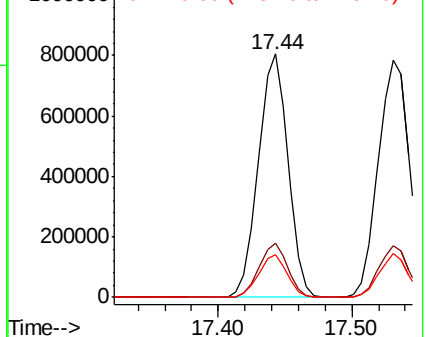


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.675 ng

RT: 17.53 min Scan# 2458

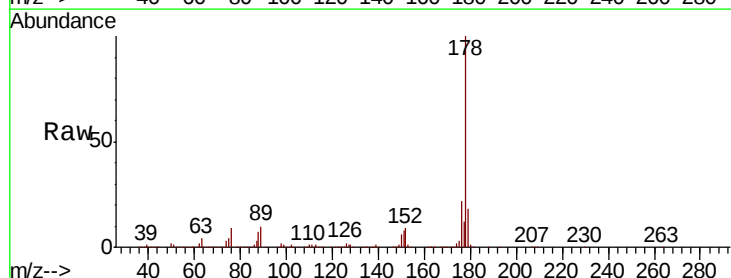
Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:178 Resp: 1259369

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.5	24.7
179	18.3	13.4	20.2

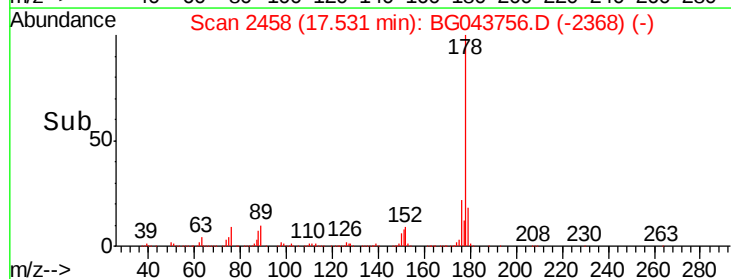
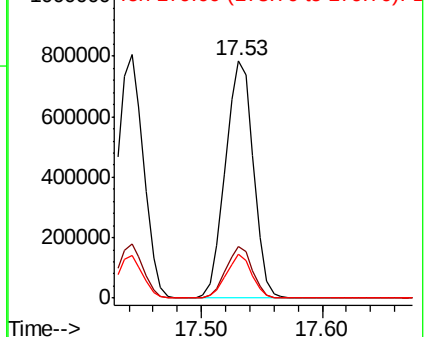


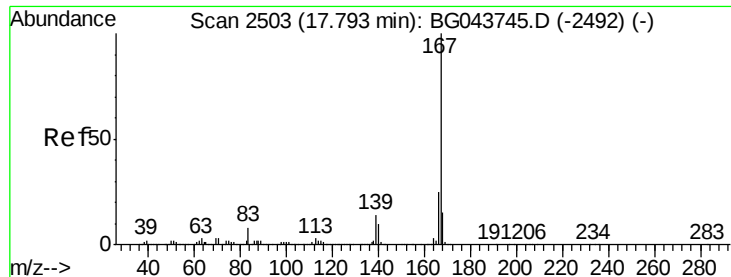
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



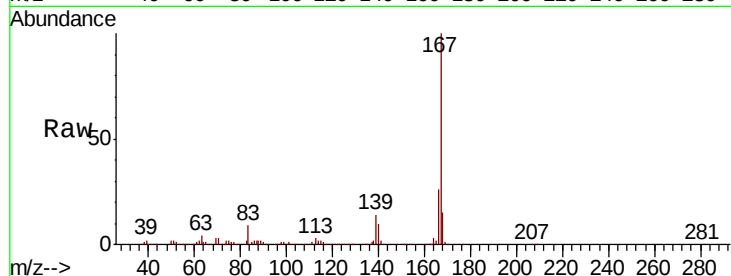


#73
 Carbazole
 Concen: 41.918 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

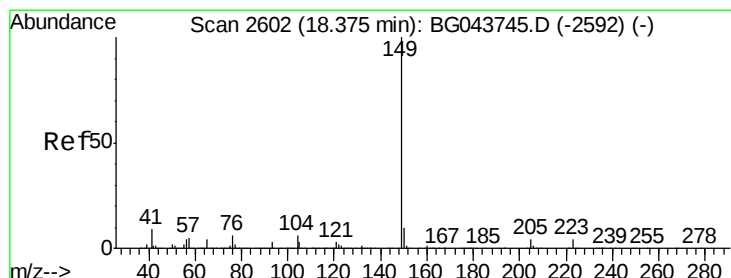
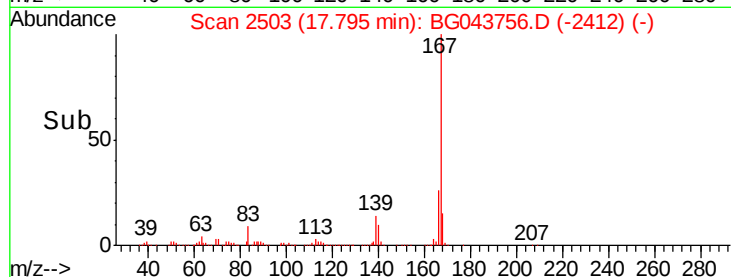
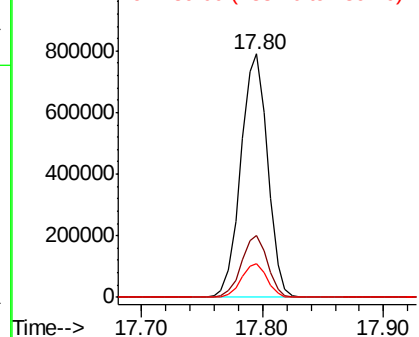
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1219886

Ion	Ratio	Lower	Upper
167	100		
166	25.6	19.8	29.6
139	13.6	10.9	16.3



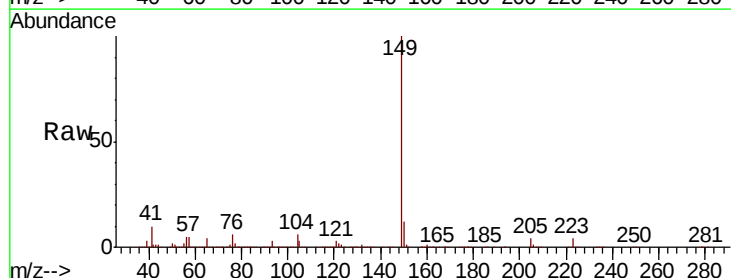
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



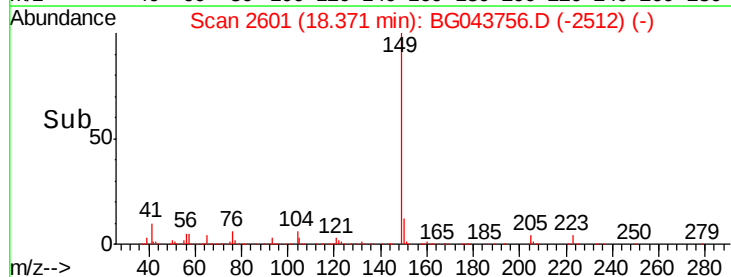
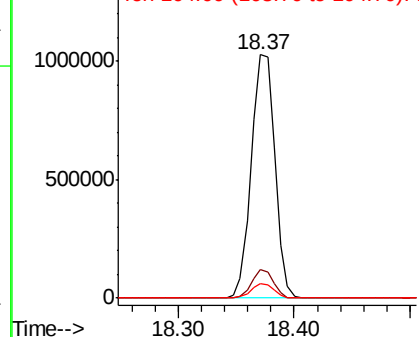
#74
 Di-n-butylphthalate
 Concen: 39.058 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

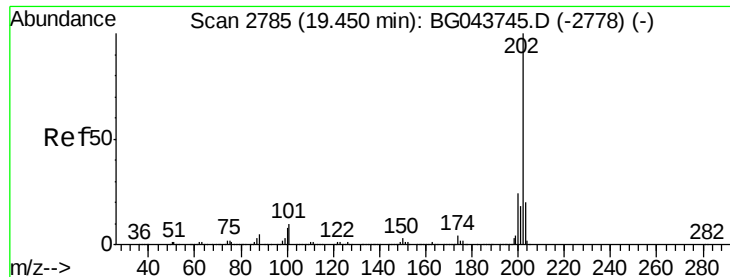
Tgt Ion:149 Resp: 1461603

Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.4	12.6
104	6.1	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: 39.846 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampled :

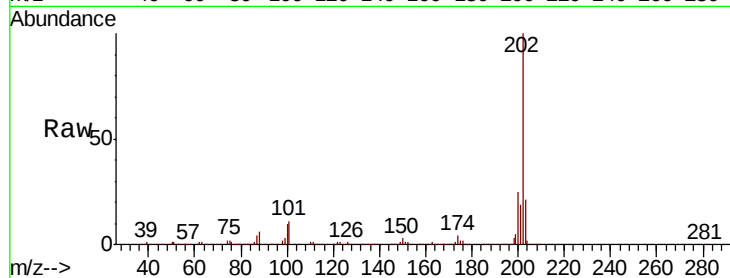
Tot Ion:202 Resp: 1669794

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.1

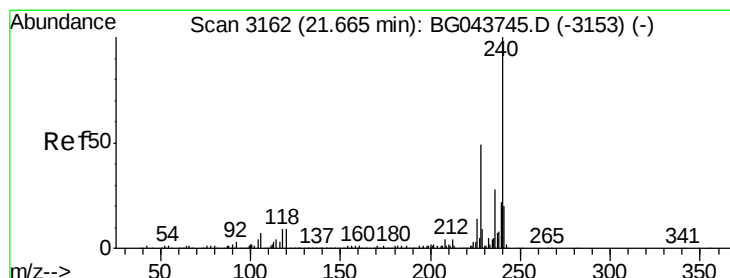
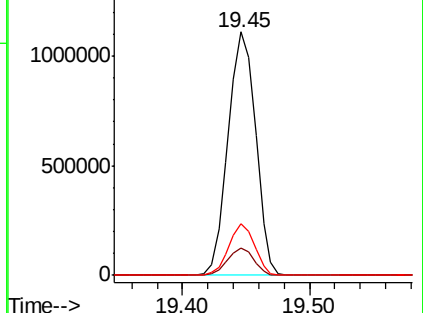
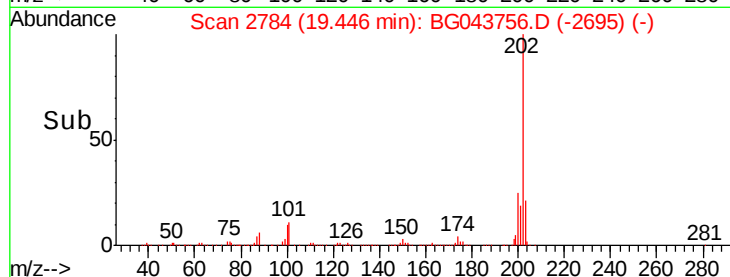
203 21.4 0.0 39.7



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: BG043756.D

Acq: 23 Nov 2019 15:06

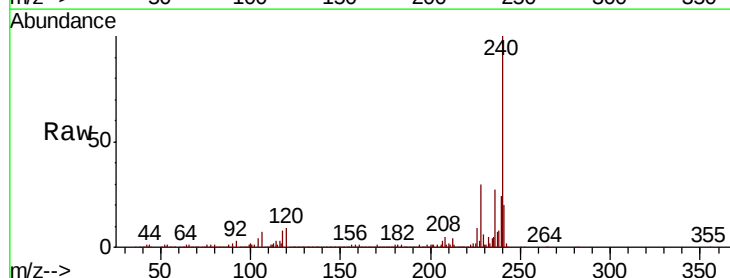
Tgt Ion:240 Resp: 629095

Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

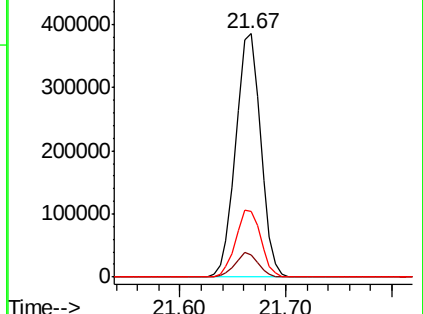
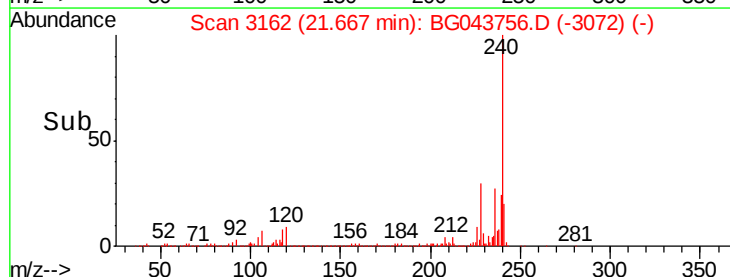
236 27.2 22.6 34.0

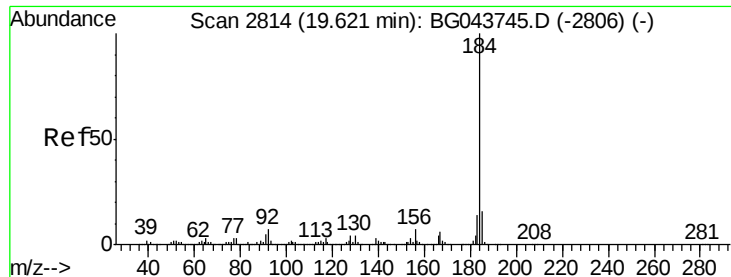


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.141 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

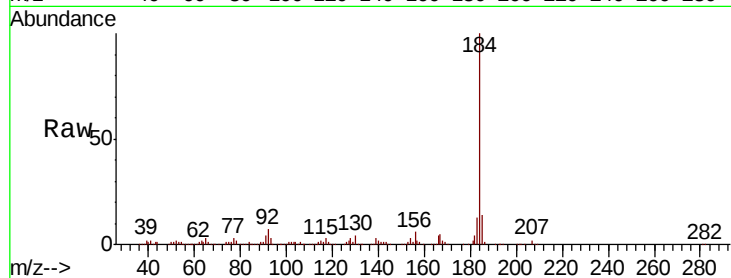
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 278243

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.8	19.2
183	13.2	11.3	16.9

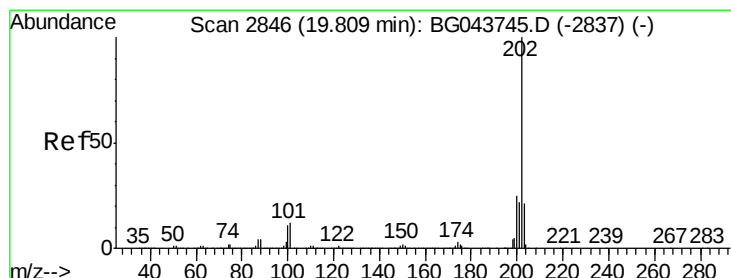
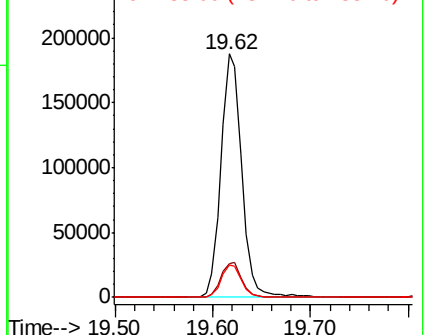
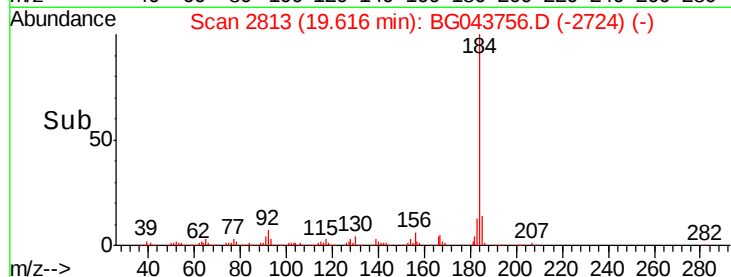


Abundance

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: 42.036 ng

RT: 19.80 min Scan# 2845

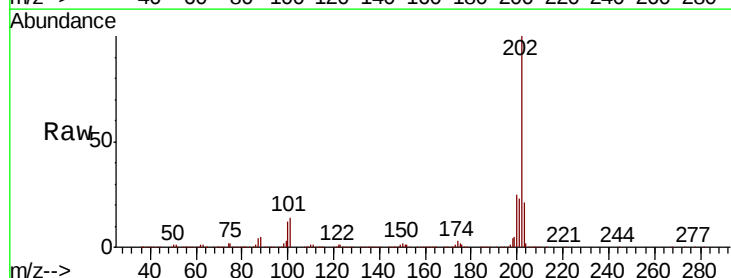
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:202 Resp: 1706707

Ion	Ratio	Lower	Upper
202	100		
200	25.5	19.8	29.6
203	21.4	16.6	24.8

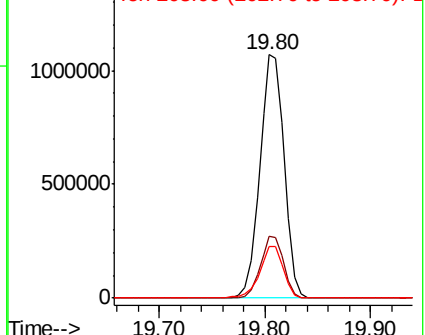
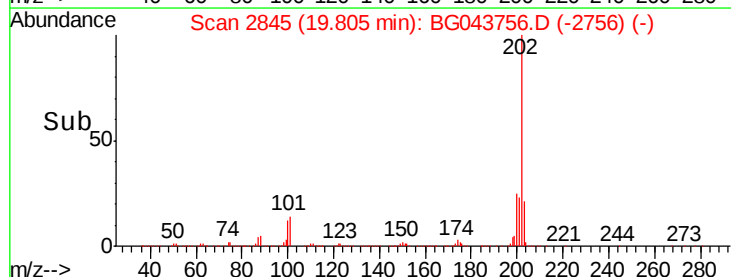


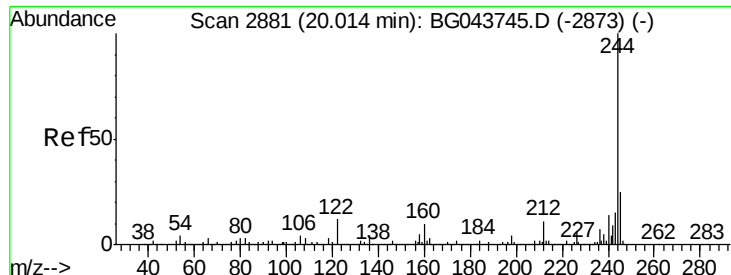
Abundance

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: 67.364 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

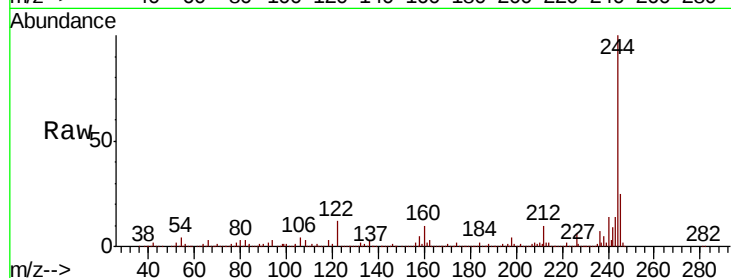
Tot Ion:244 Resp: 1875464

Ion Ratio Lower Upper

244 100

212 10.2 8.5 12.7

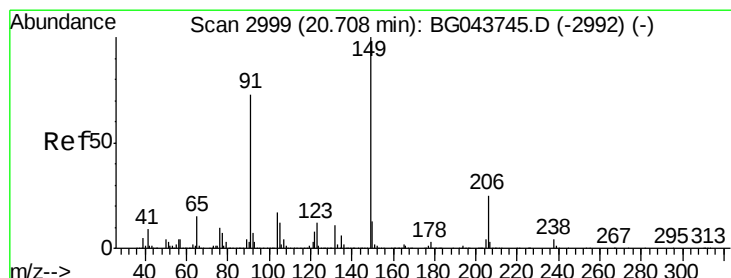
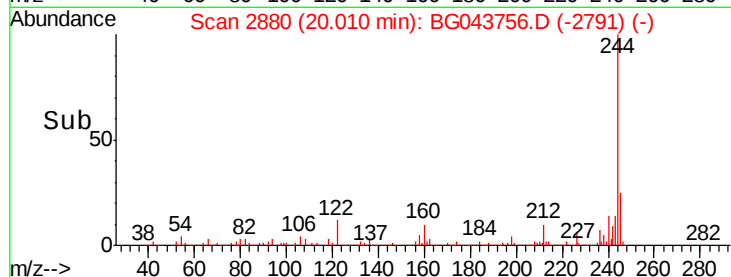
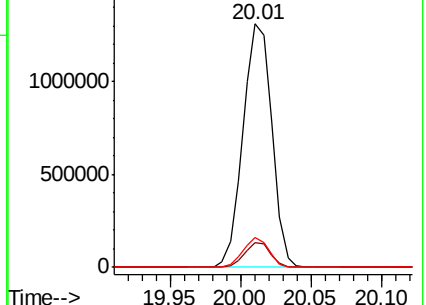
122 12.0 9.5 14.3



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: 41.979 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

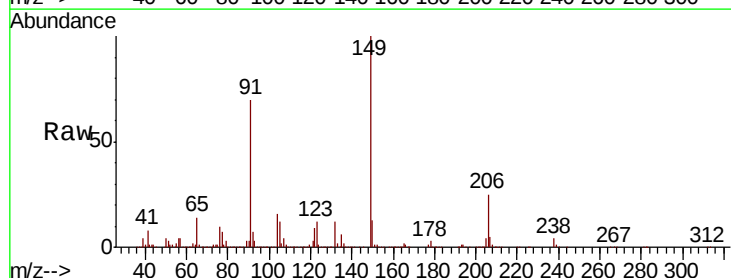
Tgt Ion:149 Resp: 776434

Ion Ratio Lower Upper

149 100

91 70.4 58.8 88.2

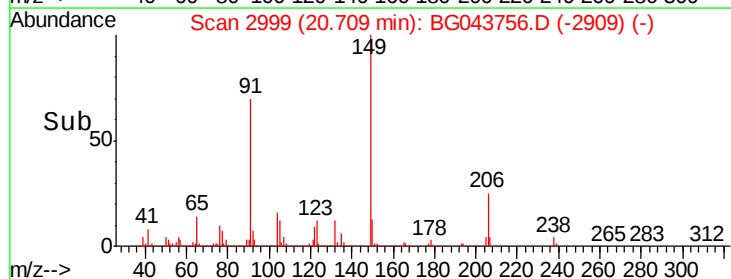
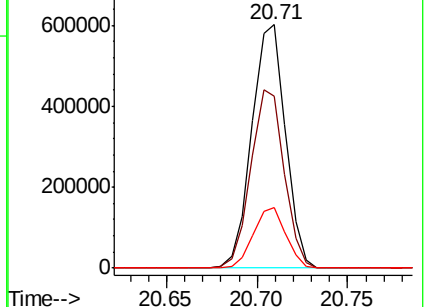
206 25.1 19.8 29.6

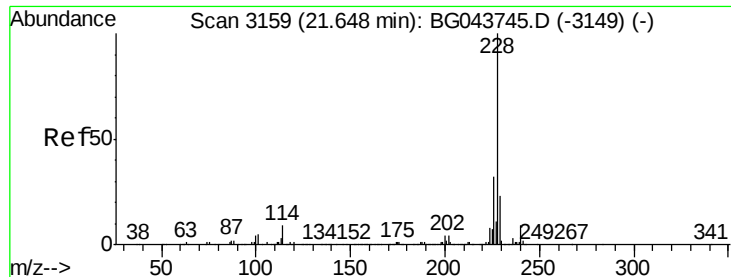


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.148 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

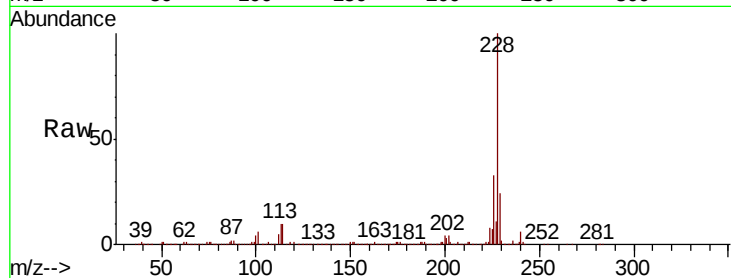
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1688514

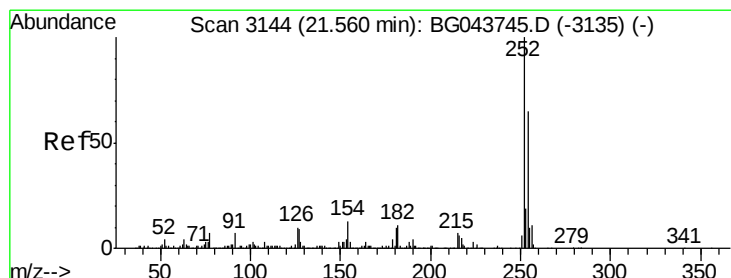
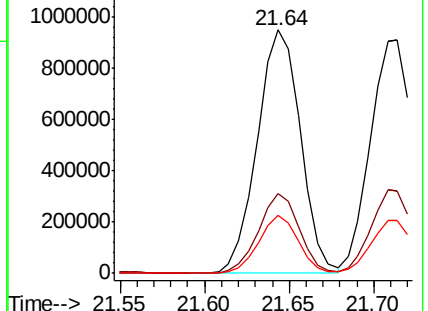
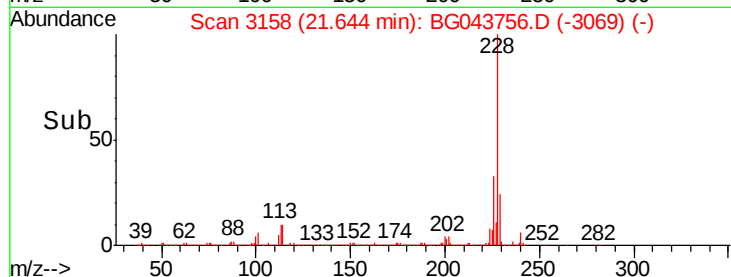
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.2
229	23.6	18.1	27.1



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: 30.014 ng

RT: 21.56 min Scan# 3143

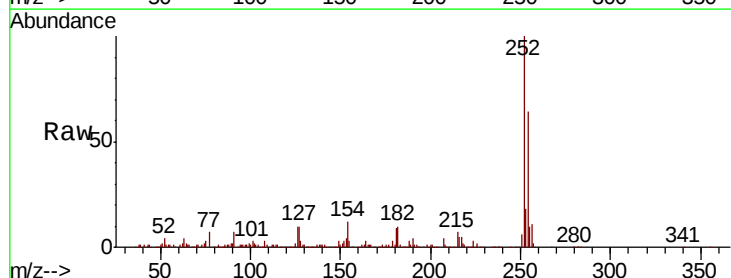
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:252 Resp: 473363

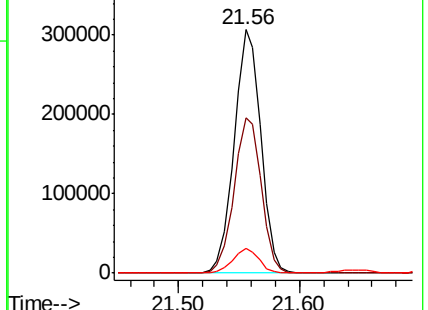
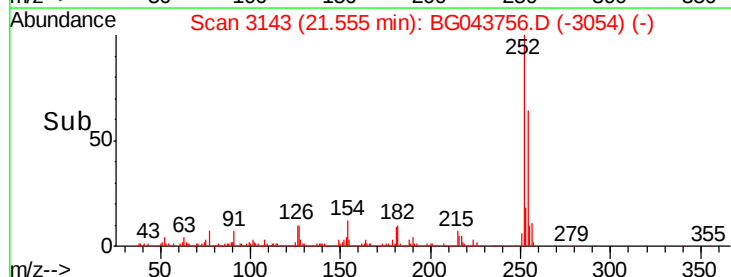
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.1	78.1
126	10.1	7.8	11.6

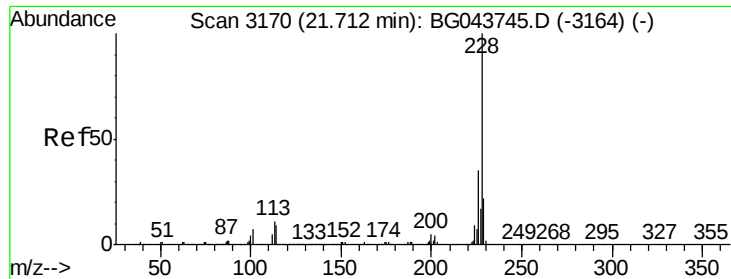


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.960 ng

RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

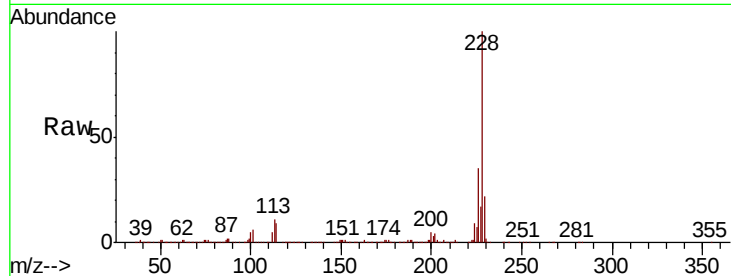
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1590261

Ion	Ratio	Lower	Upper
228	100		
226	35.1	27.8	41.8
229	22.5	17.9	26.9

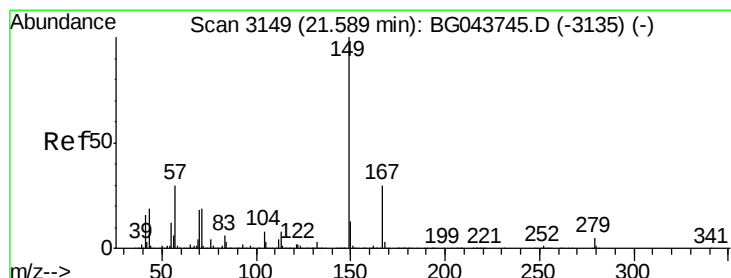
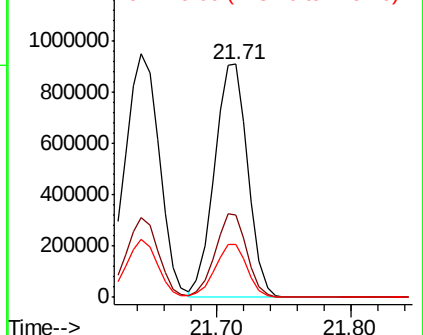
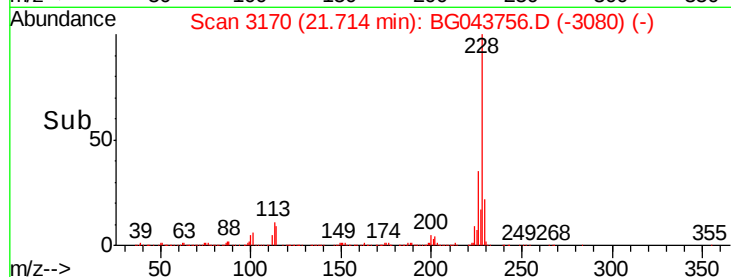


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.105 ng

RT: 21.58 min Scan# 3148

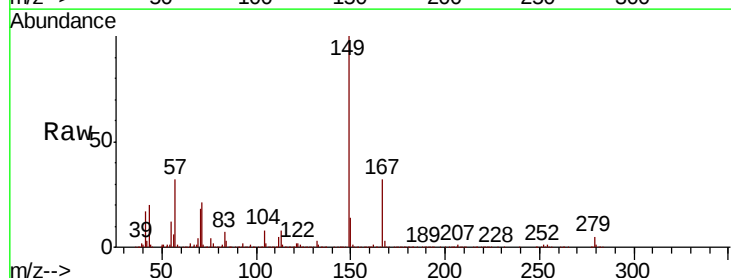
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:149 Resp: 991623

Ion	Ratio	Lower	Upper
149	100		
167	31.6	23.8	35.6
279	5.1	4.0	6.0

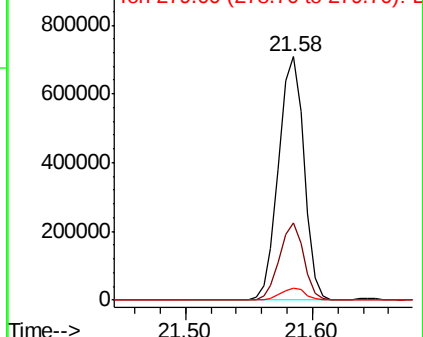
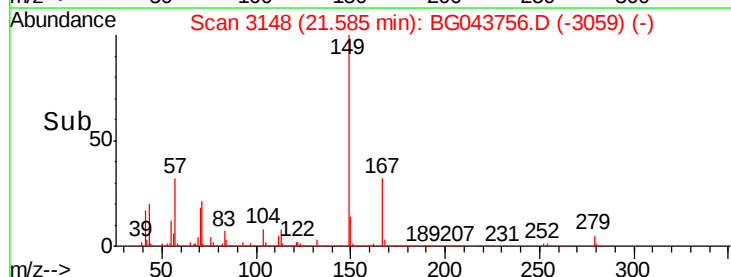


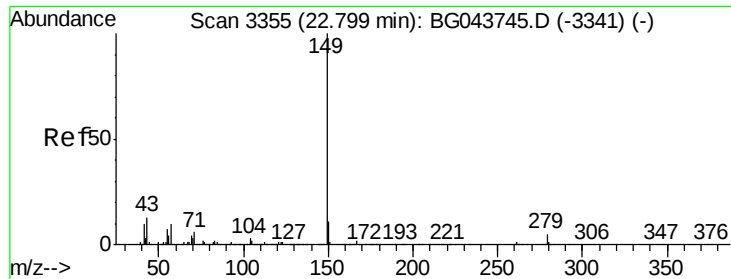
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.328 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampled :

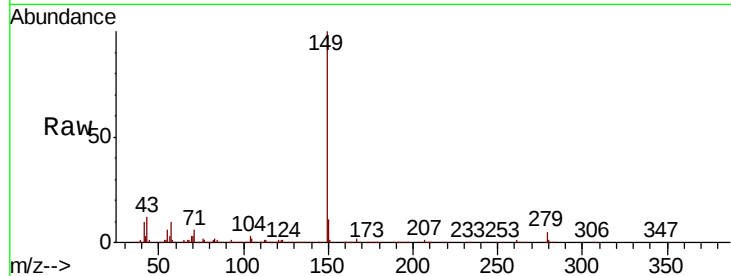
Tot Ion:149 Resp: 1449031

Ion Ratio Lower Upper

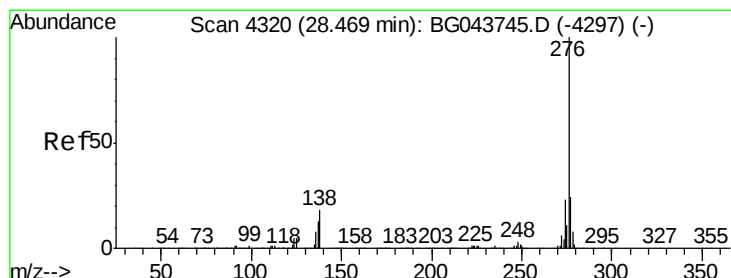
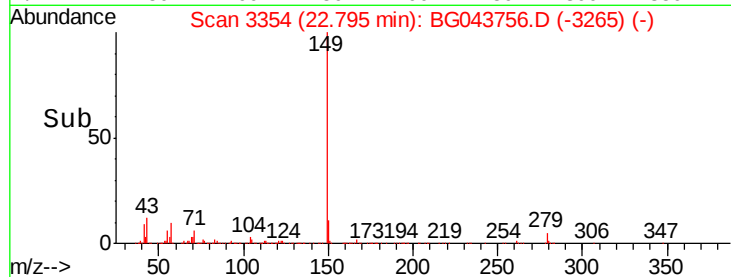
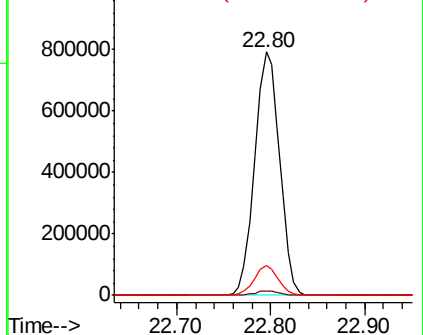
149 100

167 1.8 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.814 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

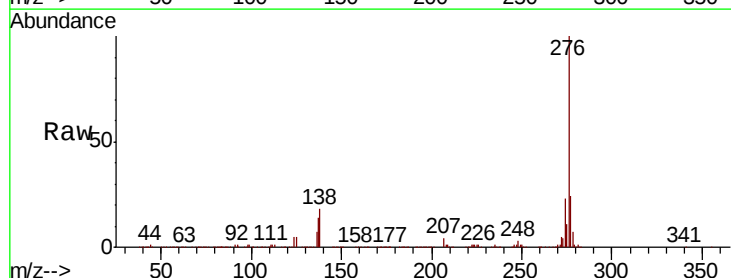
Tgt Ion:276 Resp: 1611651

Ion Ratio Lower Upper

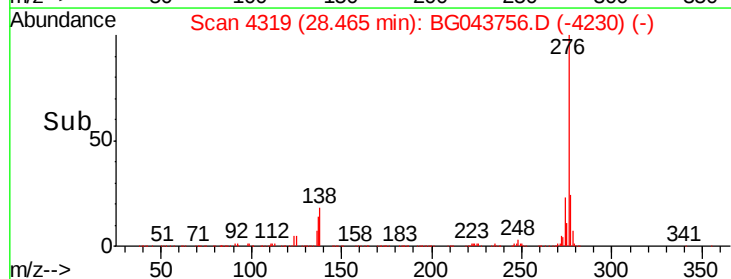
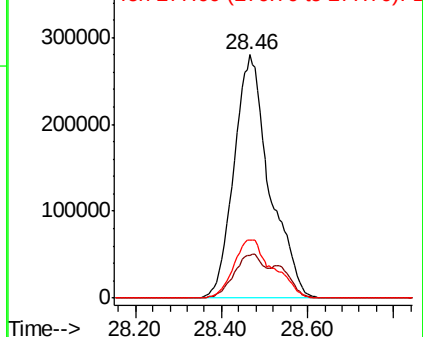
276 100

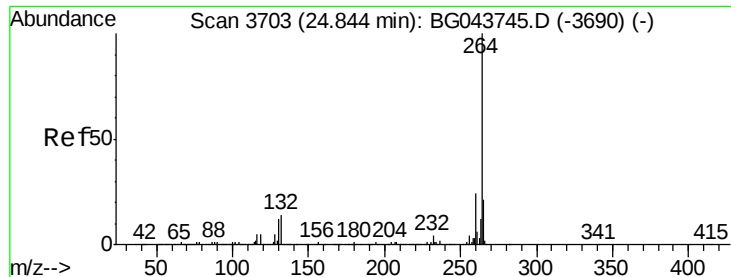
138 15.8 14.5 21.7

277 26.6 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: 24.85 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

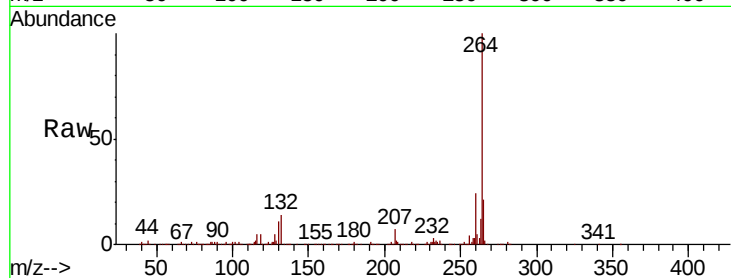
Tot Ion:264 Resp: 456178

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

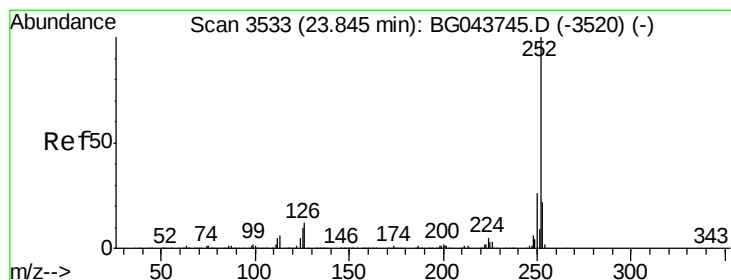
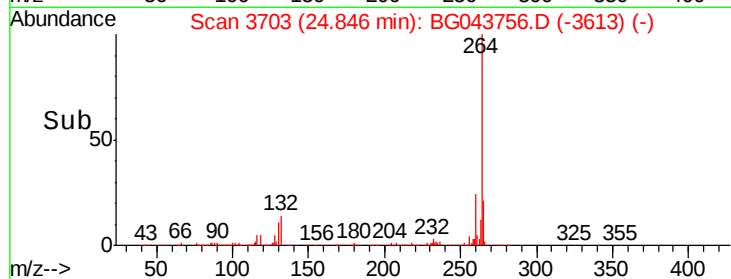
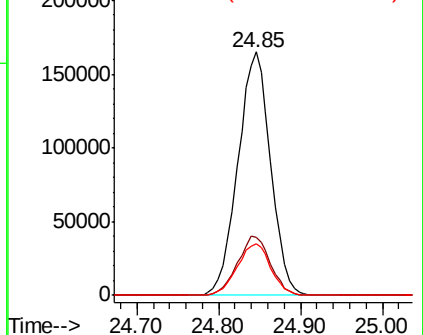
265 21.1 17.0 25.6



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: 51.524 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

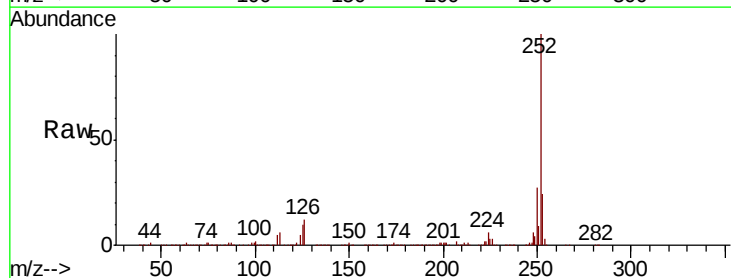
Tgt Ion:252 Resp: 1403349

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

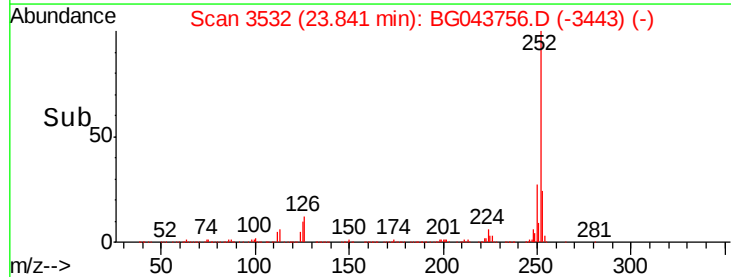
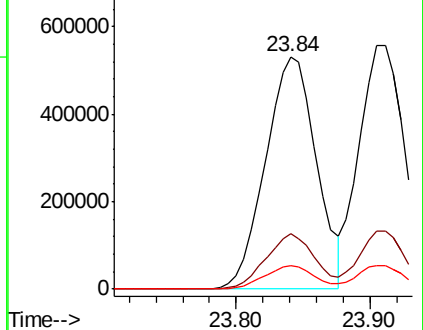
125 10.0 8.0 12.0

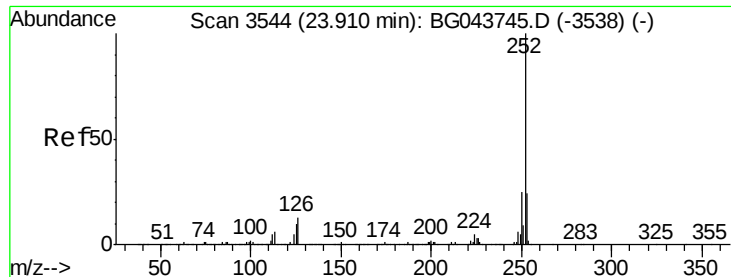


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.130 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

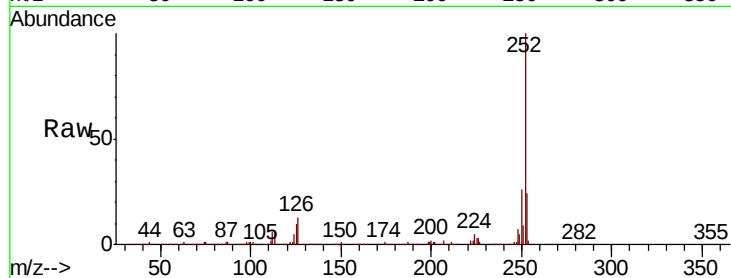
Tot Ion:252 Resp: 1310399

Ion Ratio Lower Upper

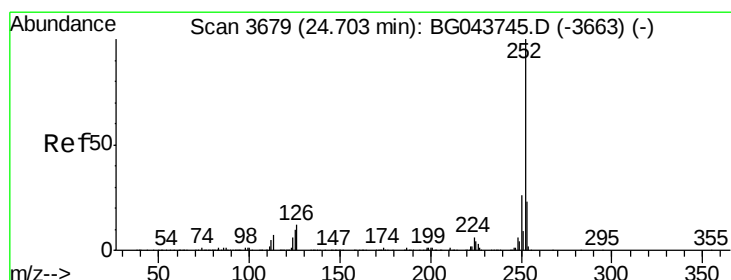
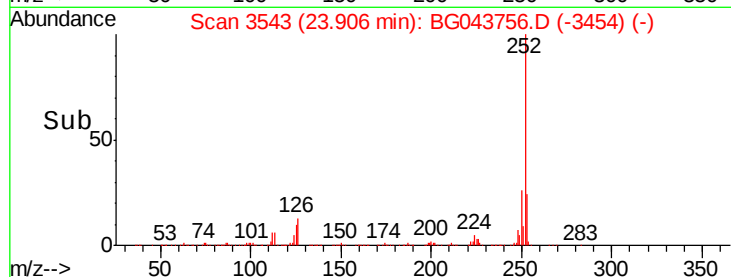
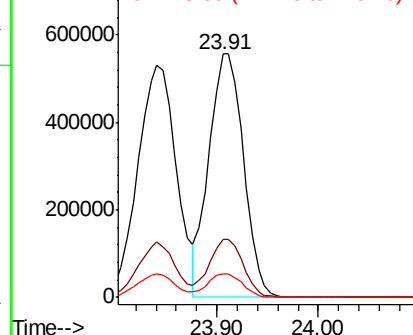
252 100

253 23.8 18.8 28.2

125 9.7 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: 48.998 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

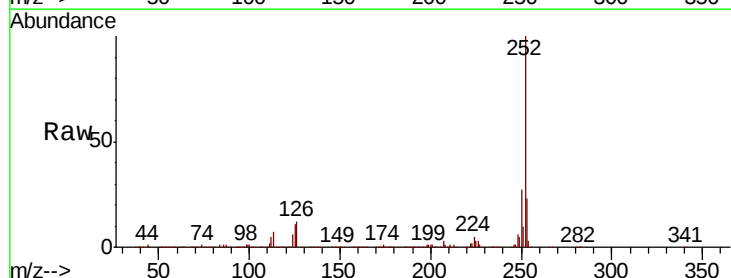
Tgt Ion:252 Resp: 1254884

Ion Ratio Lower Upper

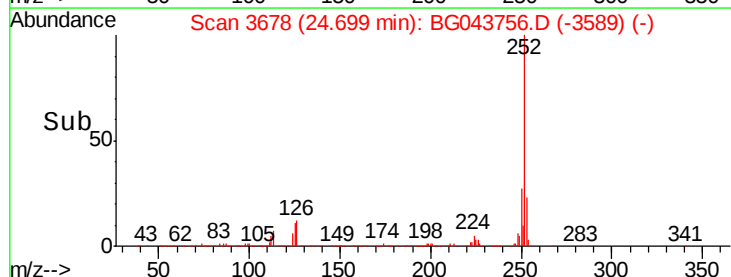
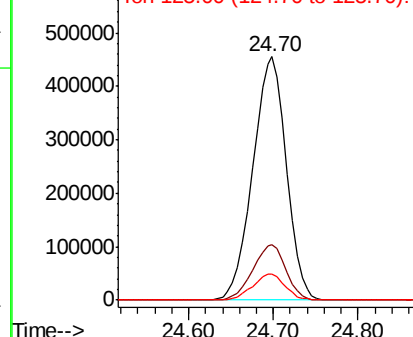
252 100

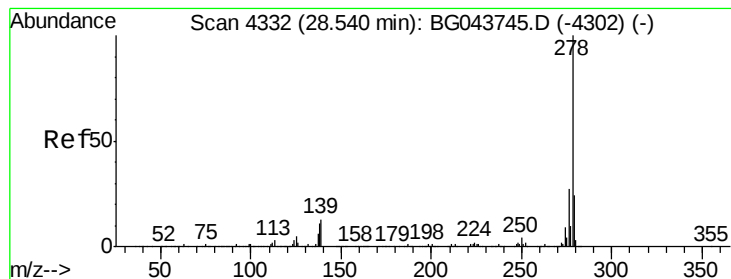
253 23.0 18.2 27.4

125 10.9 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: 53.816 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

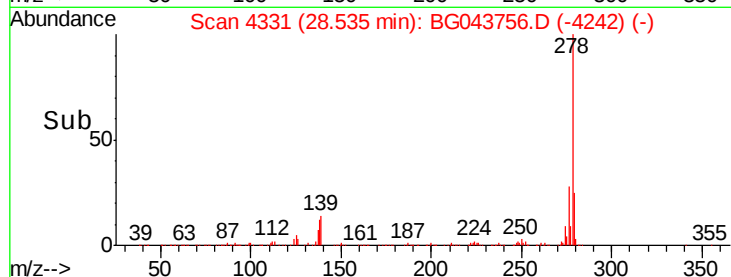
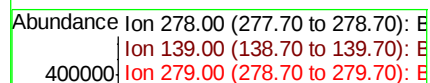
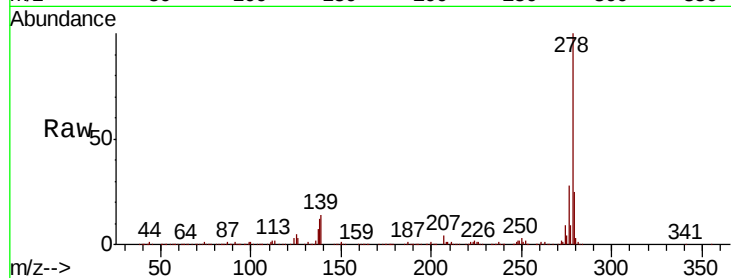
Instrument :

BNA_G

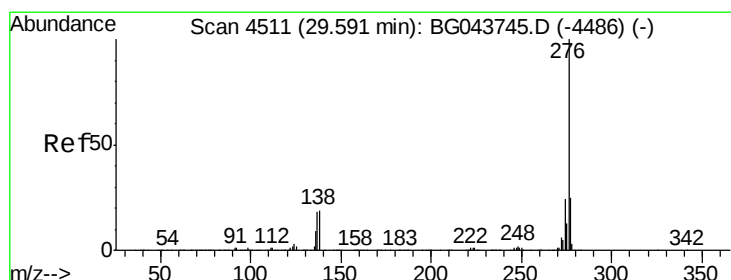
ClientSampleId :

Tot Ion:278 Resp: 1336902

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.4	15.6
279	25.3	19.3	28.9



Time-->



#92

Benzo(g,h,i)perylene

Concen: 55.026 ng

RT: 29.60 min Scan# 4512

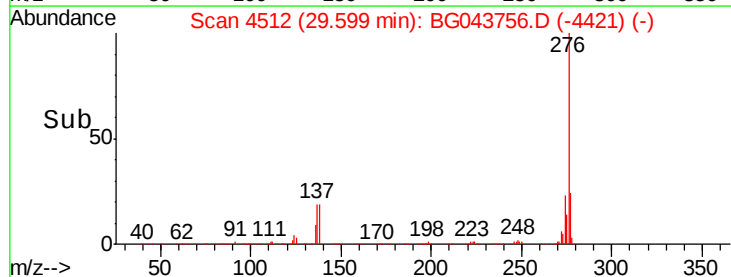
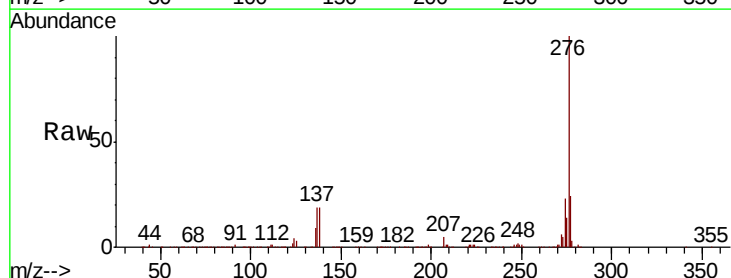
Delta R.T. 0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:276 Resp: 1348040

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.7	29.5
138	19.1	14.9	22.3



Time-->