

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042737.D
 Acq On : 6 Sep 2019 3:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:48:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	43560	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	164162	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	119021	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	282282	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	317184	20.00	ng	0.00
87) Perylene-d12	24.93	264	387343	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	162581	75.59	ng	-0.01
7) Phenol-d6	7.17	99	209555	72.13	ng	0.00
23) Nitrobenzene-d5	9.17	82	184498	77.66	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	143422	84.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	598807	85.09	ng	0.00
79) Terphenyl-d14	20.02	244	1179535	80.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	30642	34.139	ng	100
3) Pyridine	3.82	79	80095	34.800	ng	99
4) n-Nitrosodimethylamine	3.74	42	33393	40.622	ng	86
6) Aniline	7.32	93	132535	34.203	ng	99
8) 2-Chlorophenol	7.56	128	97378	37.358	ng	99
9) Benzaldehyde	7.13	77	51585	35.466	ng	96
10) Phenol	7.19	94	105315	35.653	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	78818	33.975	ng	99
12) 1,3-Dichlorobenzene	7.89	146	129954	39.191	ng	99
13) 1,4-Dichlorobenzene	8.03	146	130380	38.817	ng	99
14) 1,2-Dichlorobenzene	8.35	146	123534	38.406	ng	98
15) Benzyl Alcohol	8.24	79	73957	35.383	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99631	31.686	ng	99
17) 2-Methylphenol	8.45	107	75578	34.737	ng	94
18) Hexachloroethane	9.09	117	43864	38.147	ng	88
19) n-Nitroso-di-n-propylamine	8.81	70	60804	32.305	ng	95
20) 3+4-Methylphenols	8.78	107	102748	34.128	ng	96
22) Acetophenone	8.82	105	137060	39.036	ng	98
24) Nitrobenzene	9.21	77	91304	37.955	ng	100
25) Isophorone	9.73	82	168085	35.852	ng	99
26) 2-Nitrophenol	9.93	139	60281	39.987	ng	97
27) 2,4-Dimethylphenol	9.99	122	78599	37.850	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	107765	36.470	ng	99
29) 2,4-Dichlorophenol	10.47	162	112217	41.303	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	142462	42.719	ng	97
31) Naphthalene	10.87	128	299843	39.341	ng	99
32) Benzoic acid	10.17	122	37580	28.861	ng	95
33) 4-Chloroaniline	10.98	127	133280	37.881	ng	98
34) Hexachlorobutadiene	11.16	225	102788	45.862	ng	99
35) Caprolactam	11.77	113	31087	34.290	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	97125	37.658	ng	100
37) 2-Methylnaphthalene	12.48	142	242042	39.551	ng	98
38) 1-Methylnaphthalene	12.70	142	227117	39.070	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167248	43.757	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
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 Misc :
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 BNA_G
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	96181	47.905	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	103337	39.998	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	107337	40.092	ng	96
46) 1,1'-Biphenyl	13.49	154	313581	40.759	ng	99
47) 2-Chloronaphthalene	13.54	162	270320	40.748	ng	99
48) 2-Nitroaniline	13.74	65	58409	36.512	ng	93
49) Acenaphthylene	14.38	152	398758	39.954	ng	99
50) Dimethylphthalate	14.11	163	343246	39.969	ng	99
51) 2,6-Dinitrotoluene	14.23	165	77221	38.793	ng	97
52) Acenaphthene	14.72	154	238480	39.351	ng	99
53) 3-Nitroaniline	14.56	138	75536	37.943	ng	98
54) 2,4-Dinitrophenol	14.78	184	44881	37.091	ng	98
55) Dibenzofuran	15.06	168	410152	40.886	ng	99
56) 4-Nitrophenol	14.89	139	48798	34.496	ng	93
57) 2,4-Dinitrotoluene	15.03	165	114348	40.115	ng	96
58) Fluorene	15.71	166	332161	40.506	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	105788	39.956	ng	97
60) Diethylphthalate	15.47	149	327671	39.031	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	205930	41.659	ng	98
62) 4-Nitroaniline	15.73	138	83387	39.137	ng	92
63) Azobenzene	15.99	77	206827	35.954	ng	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	65715	37.132	ng	98
66) n-Nitrosodiphenylamine	15.91	169	303230	39.061	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	145422	40.614	ng	98
68) Hexachlorobenzene	16.72	284	161663	41.534	ng	99
69) Atrazine	16.86	200	106056	38.633	ng	98
70) Pentachlorophenol	17.07	266	67436	33.345	ng	98
71) Phenanthrene	17.45	178	575114	41.017	ng	98
72) Anthracene	17.54	178	573153	40.947	ng	98
73) Carbazole	17.81	167	510153	40.893	ng	98
74) Di-n-butylphthalate	18.37	149	599095	40.625	ng	100
75) Fluoranthene	19.46	202	758425	44.321	ng	97
77) Benzidine	19.64	184	363629	39.986	ng	98
78) Pyrene	19.83	202	768352	39.511	ng	97
80) Butylbenzylphthalate	20.70	149	291224	38.075	ng	98
81) Benzo(a)anthracene	21.67	228	791668	41.030	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	310534	40.017	ng	99
83) Chrysene	21.74	228	764219	41.069	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	411025	38.704	ng	99
85) Di-n-octyl phthalate	22.78	149	708130	38.769	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	1020424	40.352	ng	98
88) Benzo(b)fluoranthene	23.91	252	884731	41.547	ng	# 98
89) Benzo(k)fluoranthene	23.97	252	824251	40.269	ng	# 99
90) Benzo(a)pyrene	24.78	252	826729	40.913	ng	# 98
91) Dibenzo(a,h)anthracene	28.71	278	829492	40.543	ng	# 98
92) Benzo(g,h,i)perylene	29.82	276	827517	40.440	ng	96

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

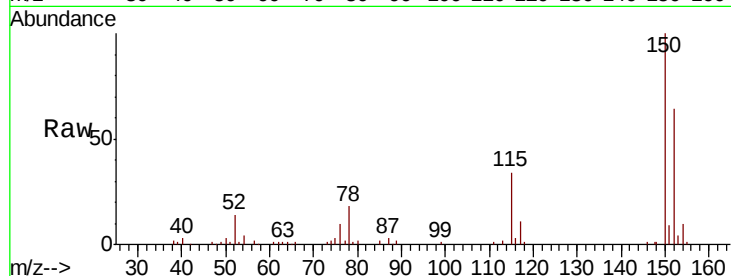


#1

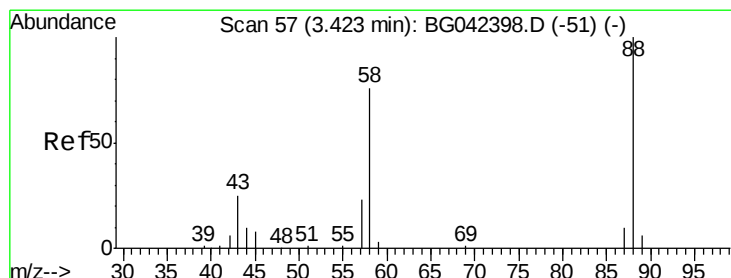
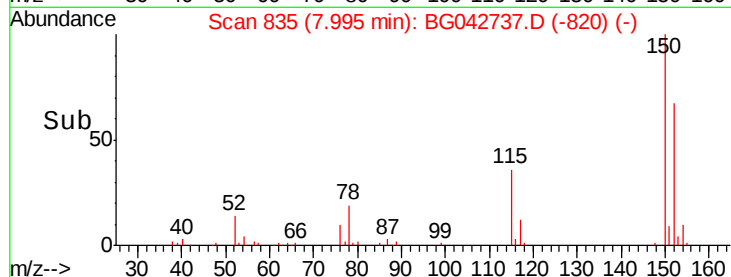
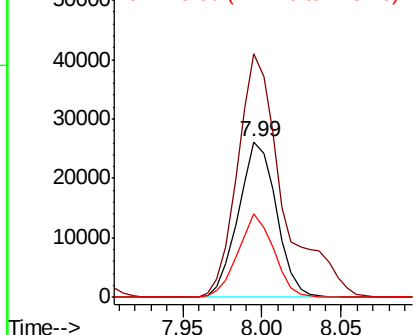
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43560
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.0
115 53.4 38.5 57.7



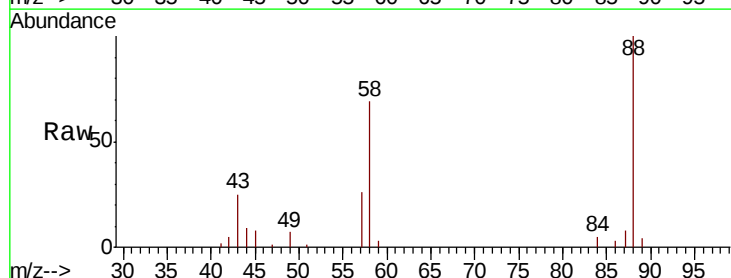
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



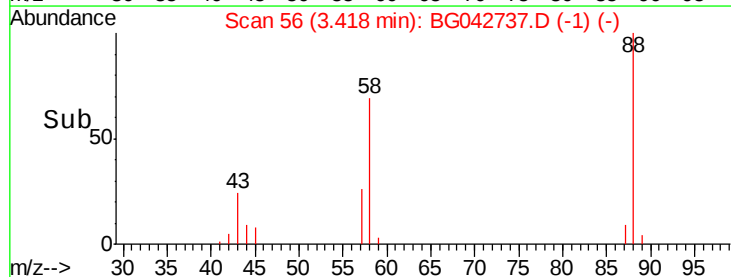
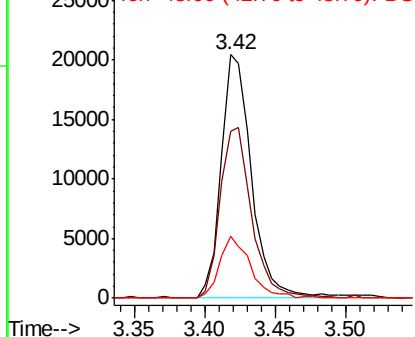
#2

1,4-Dioxane
Concen: 34.139 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion: 88 Resp: 30642
Ion Ratio Lower Upper
88 100
58 72.7 58.3 87.5
43 25.9 20.2 30.2



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





#3

Pvridine

Concen: 34.800 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampled :

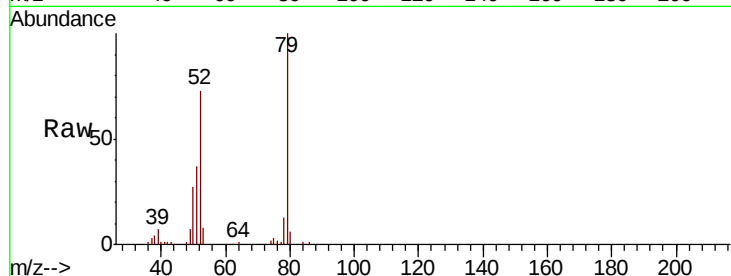
Tot Ion: 79 Resp: 80095

Ion Ratio Lower Upper

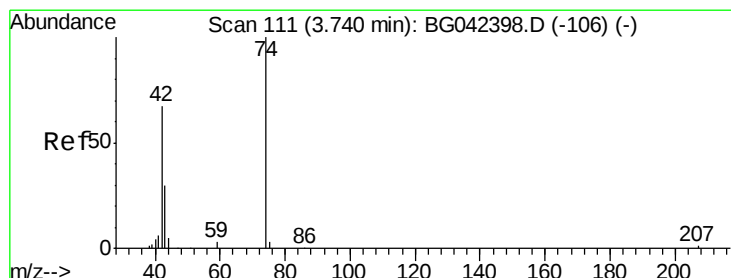
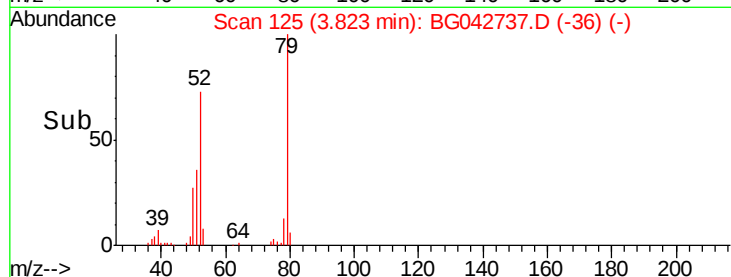
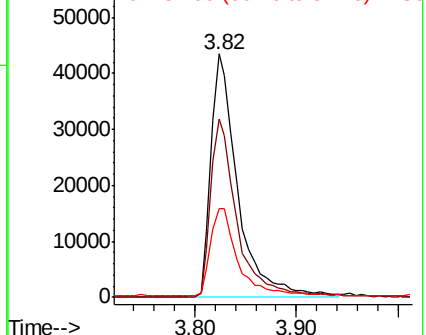
79 100

52 73.5 57.7 86.5

51 36.5 28.8 43.2



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: 40.622 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

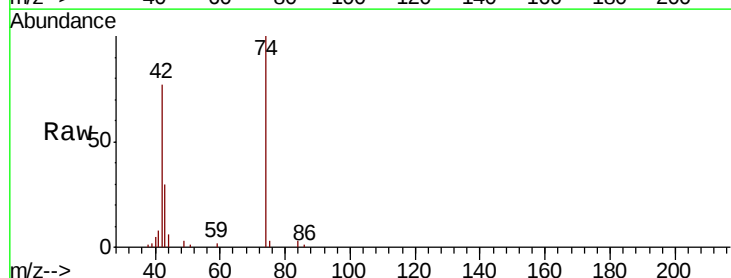
Tgt Ion: 42 Resp: 33393

Ion Ratio Lower Upper

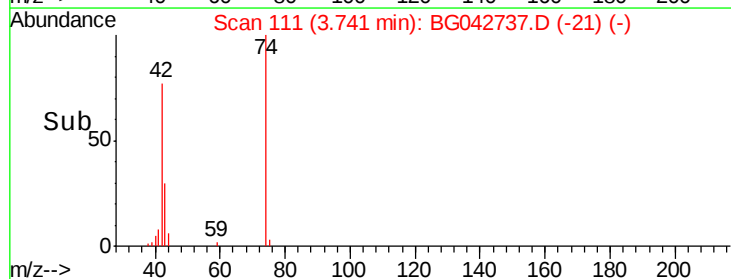
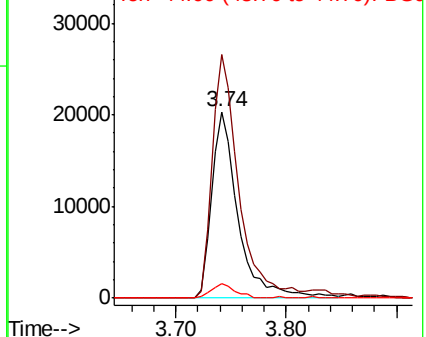
42 100

74 130.5 119.6 179.4

44 7.5 6.5 9.7



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: 75.591 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampled :

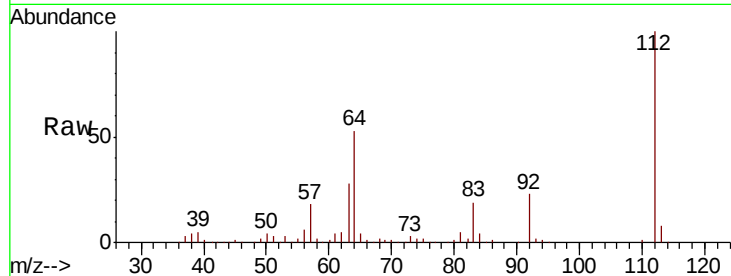
Tot Ion: 112 Resp: 162581

Ion Ratio Lower Upper

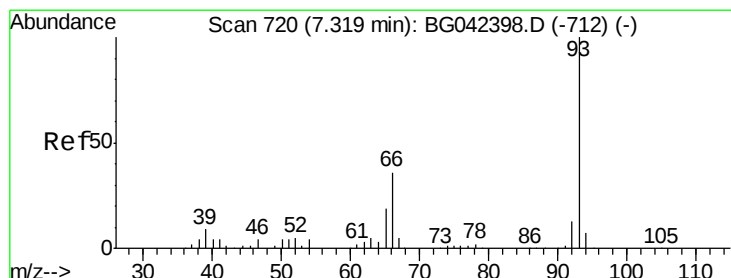
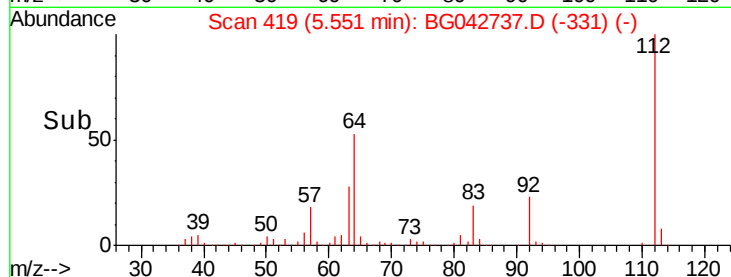
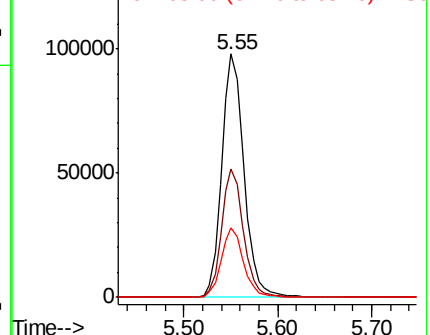
112 100

64 52.8 42.8 64.2

63 28.5 22.7 34.1



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



#6

Aniline

Concen: 34.203 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

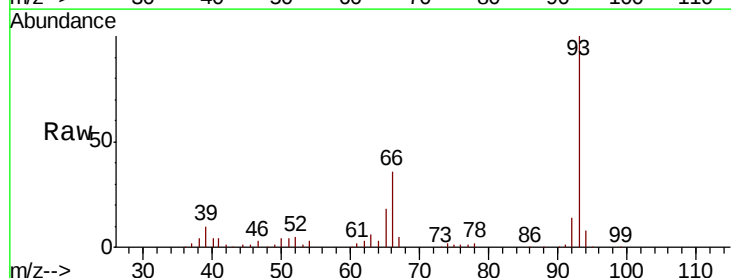
Tgt Ion: 93 Resp: 132535

Ion Ratio Lower Upper

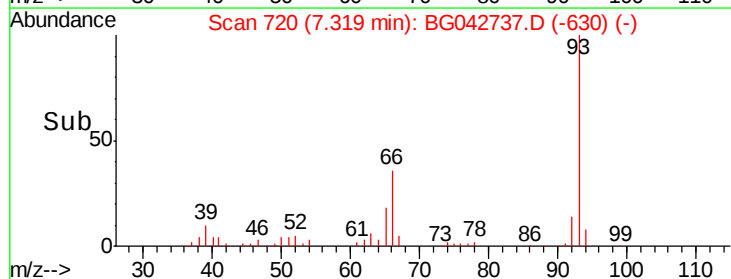
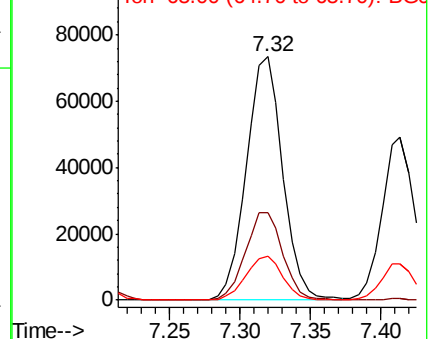
93 100

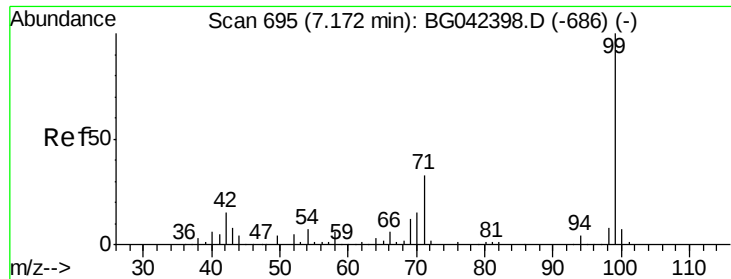
66 35.8 29.0 43.6

65 18.3 15.2 22.8



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: 72.130 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampled :

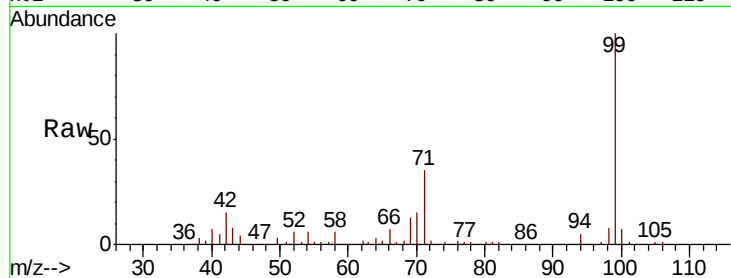
Tot Ion: 99 Resp: 209555

Ion Ratio Lower Upper

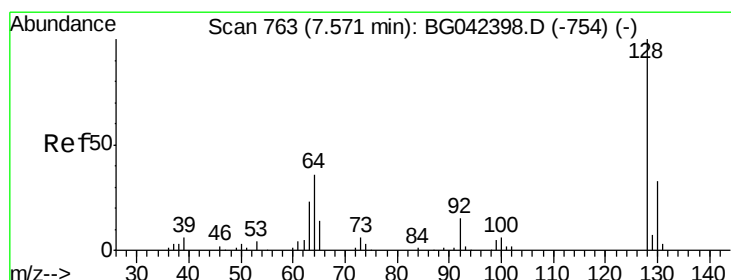
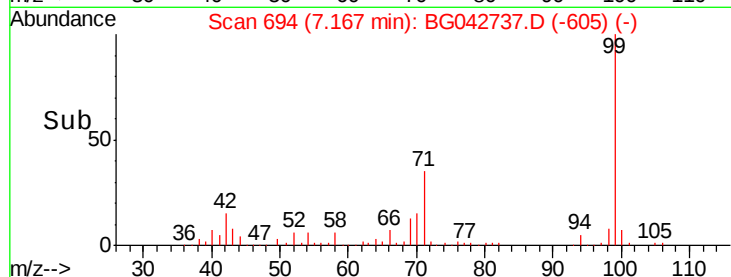
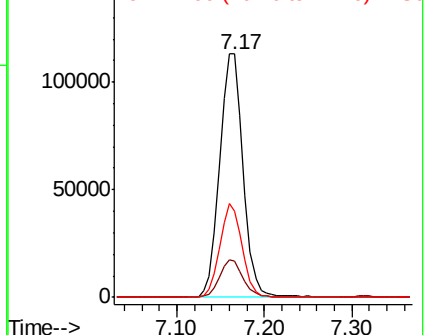
99 100

42 14.8 12.0 18.0

71 35.2 26.3 39.5



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: 37.358 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

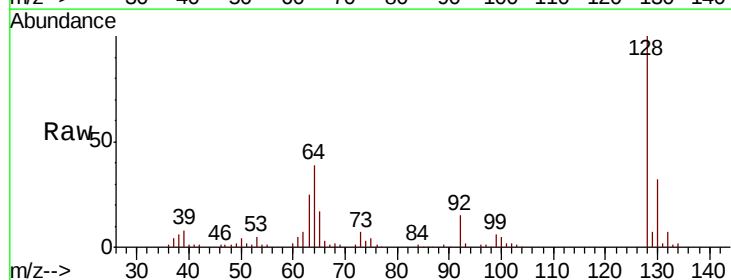
Tgt Ion: 128 Resp: 97378

Ion Ratio Lower Upper

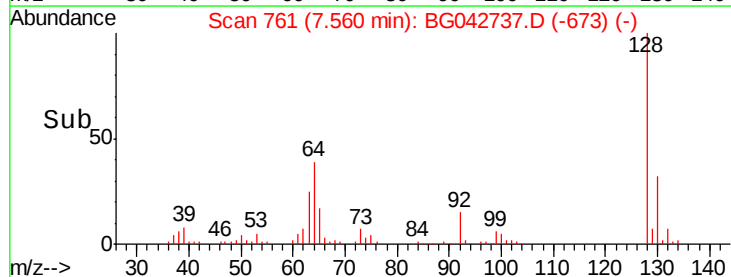
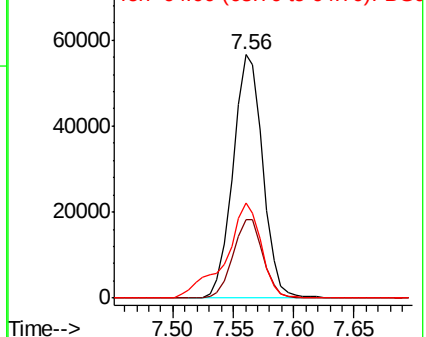
128 100

130 32.0 12.8 52.8

64 39.1 19.2 59.2



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: 35.466 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

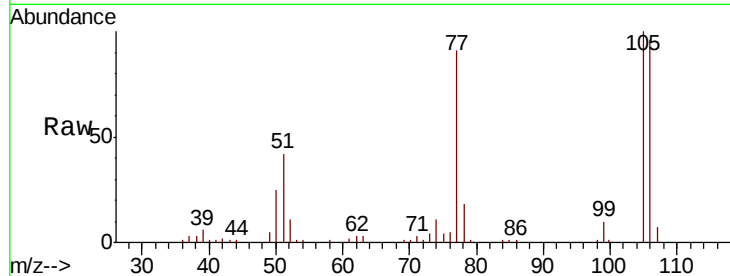
Tot Ion: 77 Resp: 51585

Ion Ratio Lower Upper

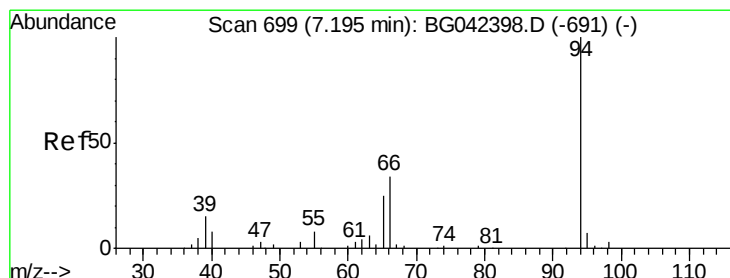
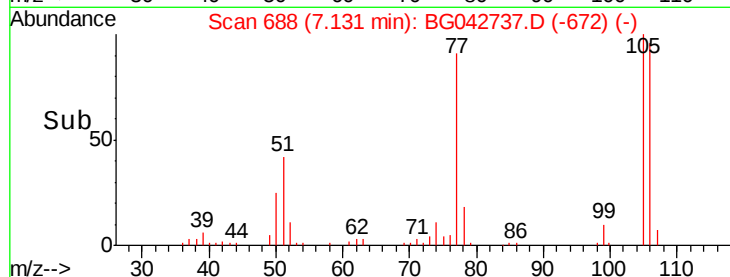
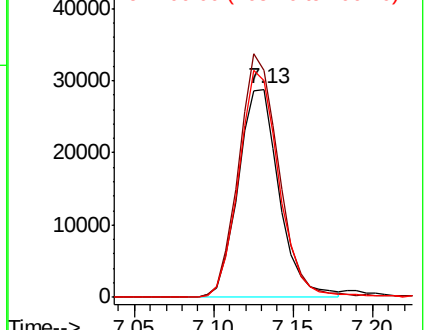
77 100

105 109.5 93.4 133.4

106 104.6 88.4 128.4



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: 35.653 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

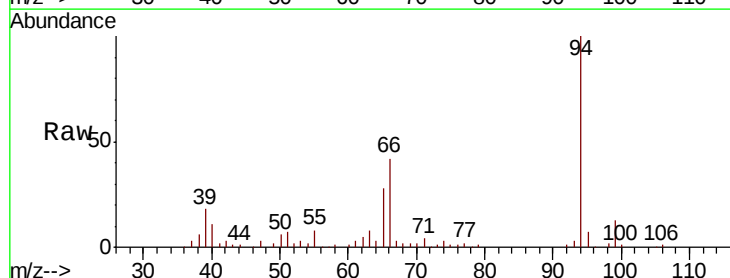
Tgt Ion: 94 Resp: 105315

Ion Ratio Lower Upper

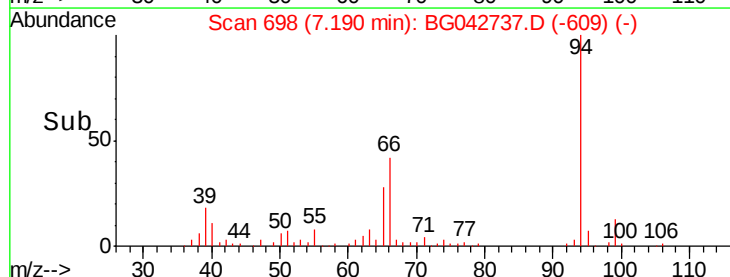
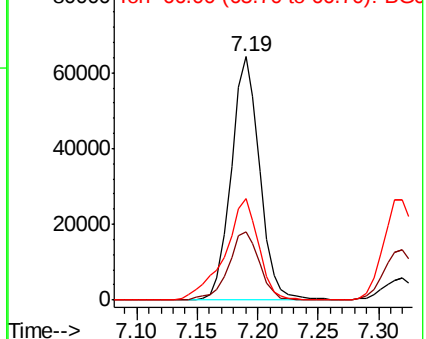
94 100

65 28.0 5.6 45.6

66 41.9 16.0 56.0



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: 33.975 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampled :

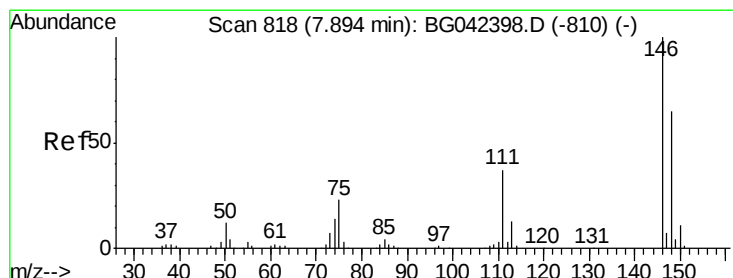
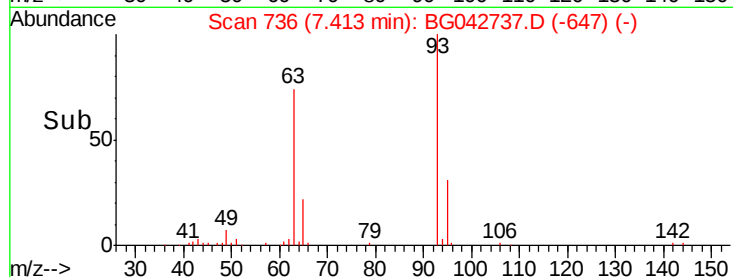
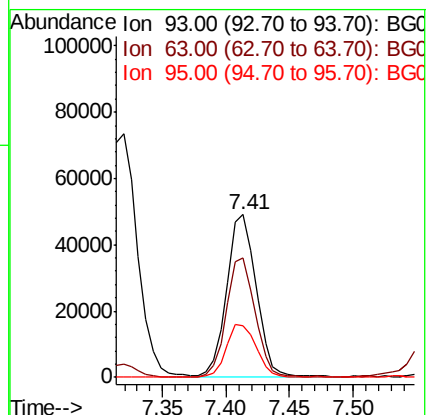
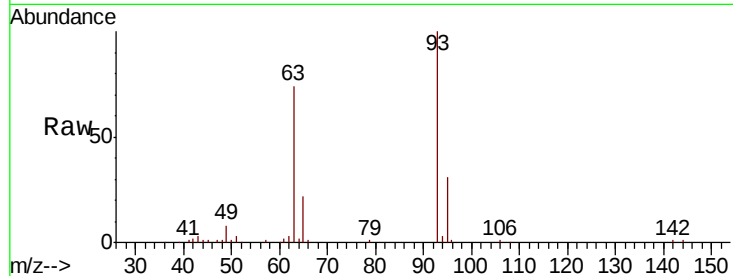
Tot Ion: 93 Resp: 78818

Ion Ratio Lower Upper

93 100

63 73.6 53.8 93.8

95 31.5 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 39.191 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

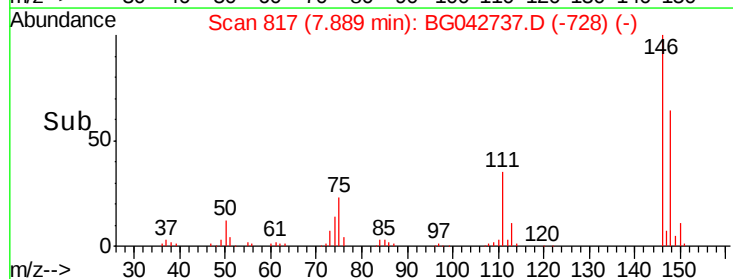
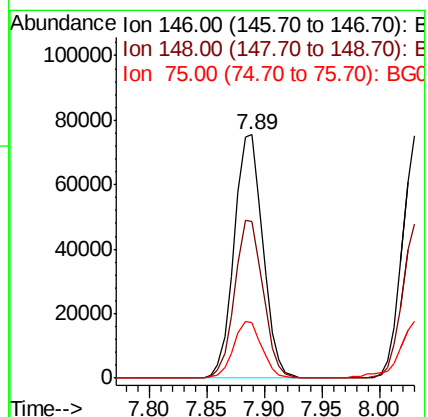
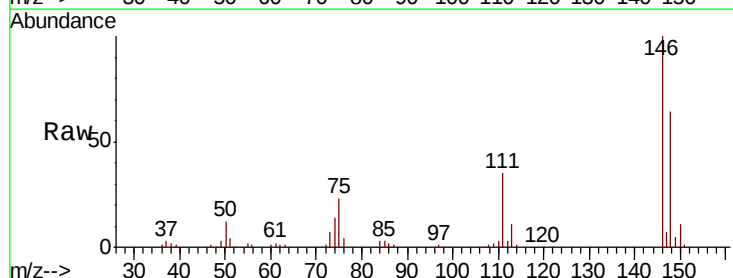
Tgt Ion: 146 Resp: 129954

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

75 22.9 18.0 27.0

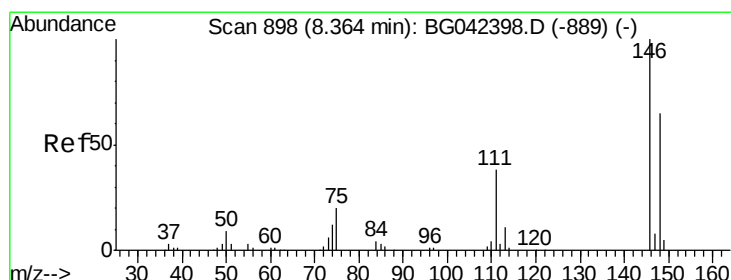
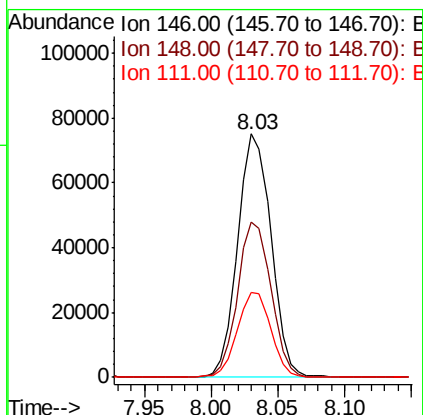
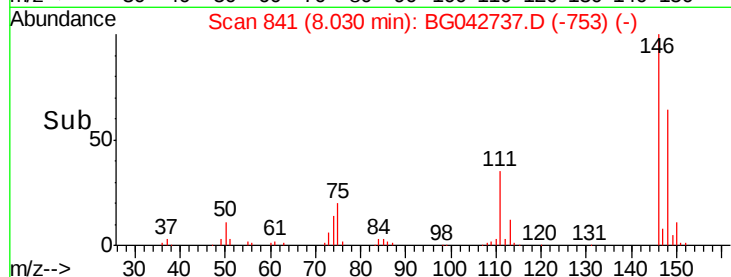
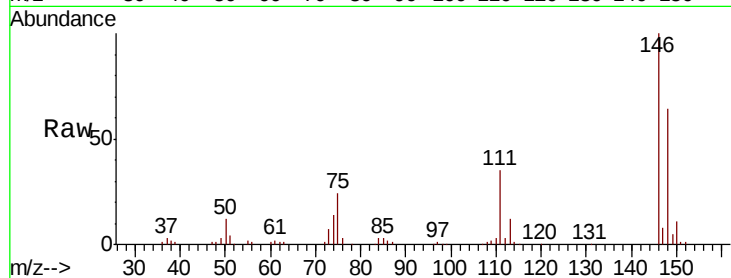




#13
 1,4-Dichlorobenzene
 Concen: 38.817 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

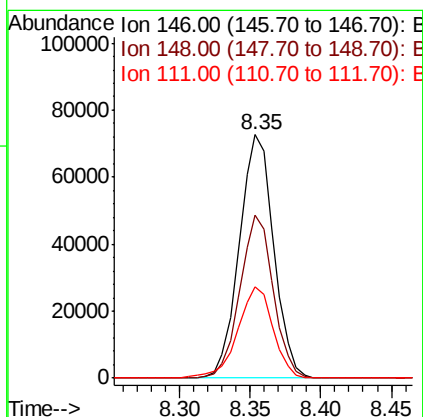
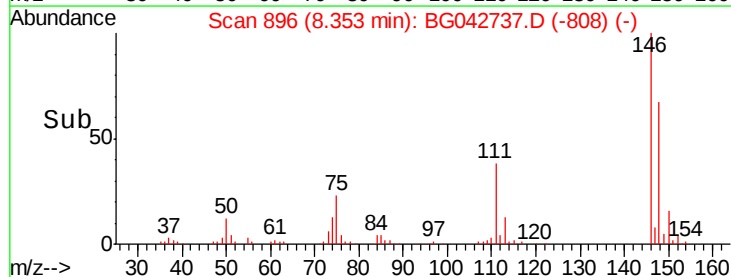
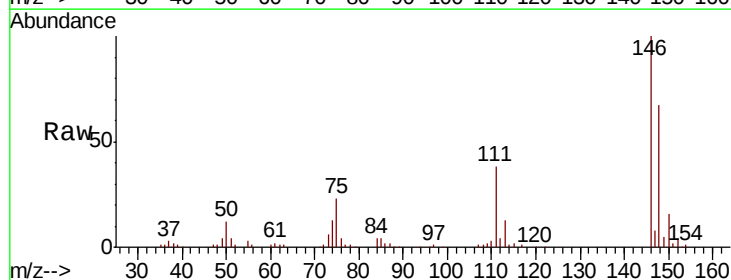
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.5	74.3
111	35.1	28.1	42.1



#14
 1,2-Dichlorobenzene
 Concen: 38.406 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.8	77.6
111	37.7	30.9	46.3





#15

Benzyl Alcohol

Concen: 35.383 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

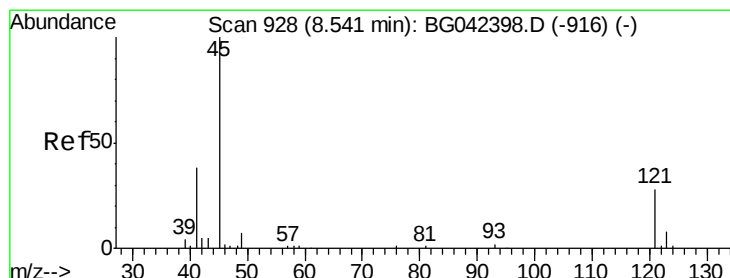
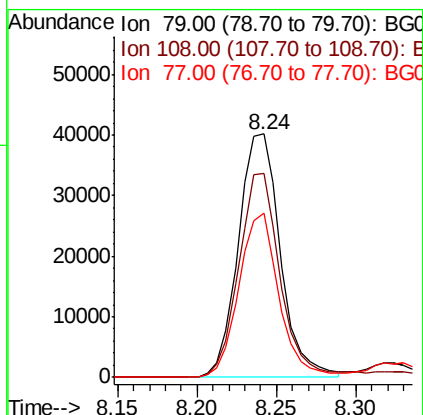
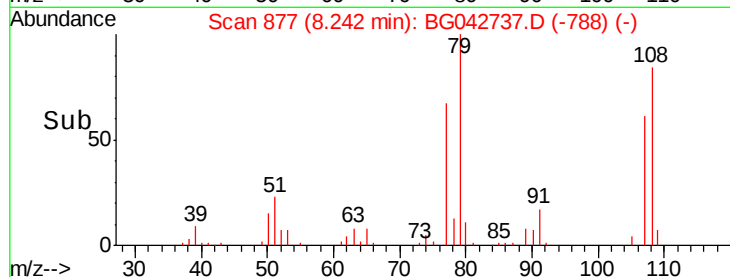
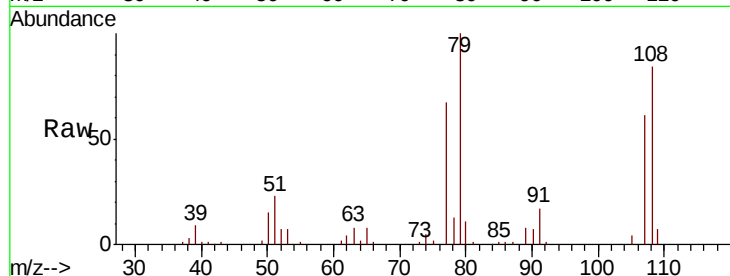
Tot Ion: 79 Resp: 73957

Ion Ratio Lower Upper

79 100

108 83.8 67.4 101.2

77 67.2 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.686 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

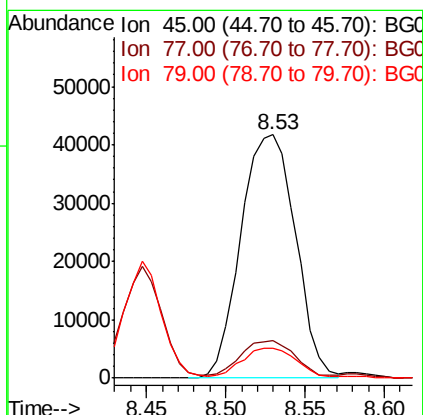
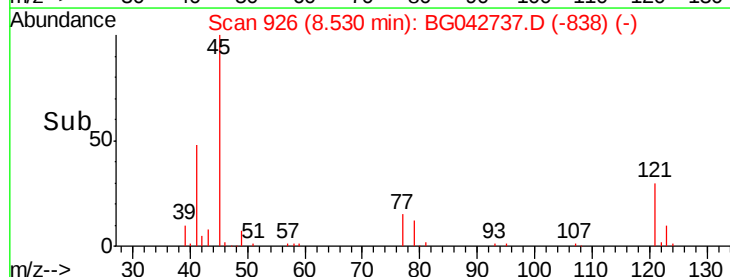
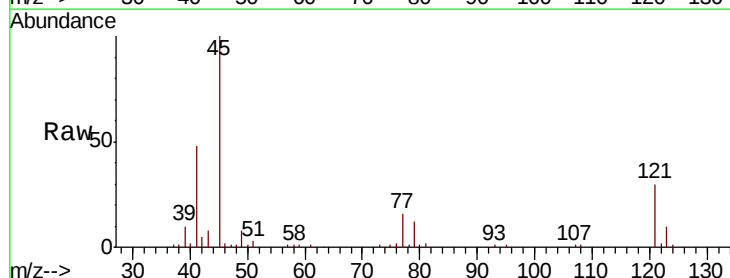
Tgt Ion: 45 Resp: 99631

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.6

79 12.3 0.0 31.6

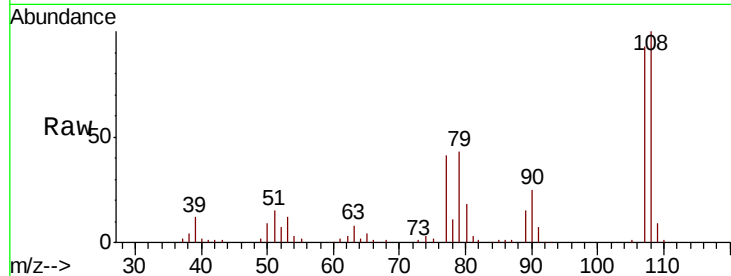




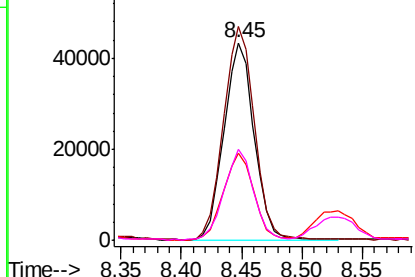
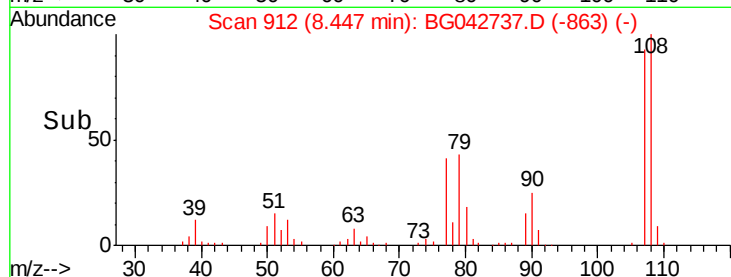
#17
2-Methylphenol
Concen: 34.737 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 75578
Ion Ratio Lower Upper
107 100
108 108.0 92.9 139.3
77 44.1 34.4 51.6
79 46.2 33.8 50.6

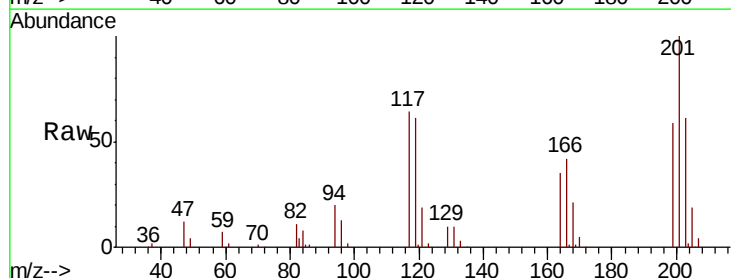


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

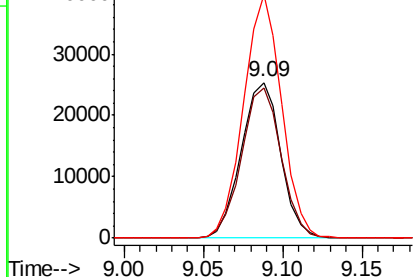
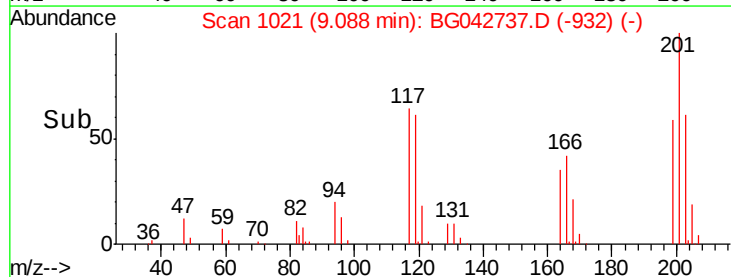


#18
Hexachloroethane
Concen: 38.147 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:117 Resp: 43864
Ion Ratio Lower Upper
117 100
119 96.1 73.8 110.8
201 156.4 108.3 162.5



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: 32.305 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 60804

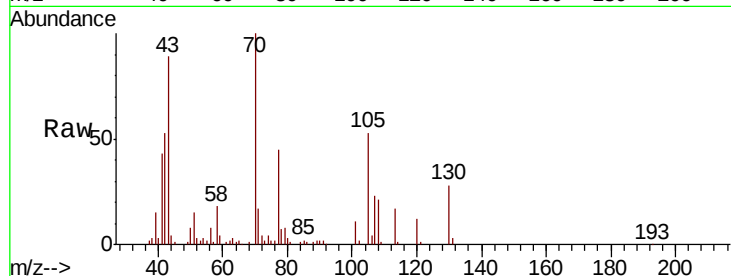
Ion Ratio Lower Upper

70 100

42 52.6 38.8 58.2

101 11.5 9.0 13.6

130 27.8 20.0 30.0



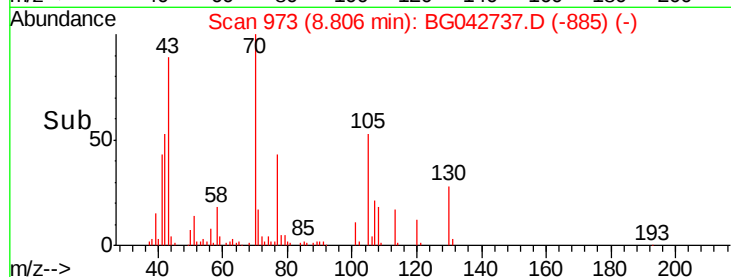
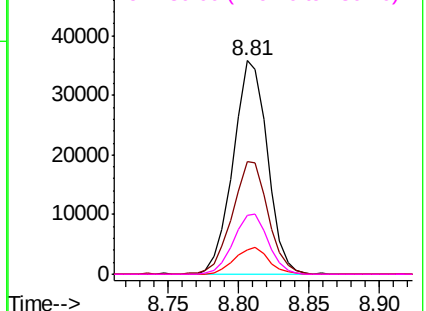
Abundance

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: 34.128 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Tgt Ion: 107 Resp: 102748

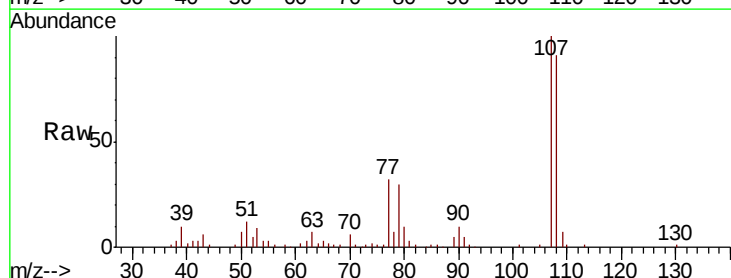
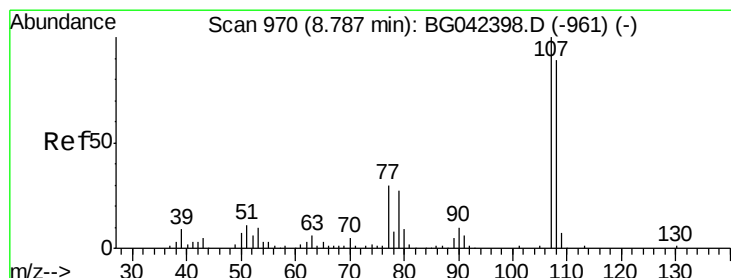
Ion Ratio Lower Upper

107 100

108 91.4 68.7 108.7

77 32.0 10.2 50.2

79 30.3 6.9 46.9



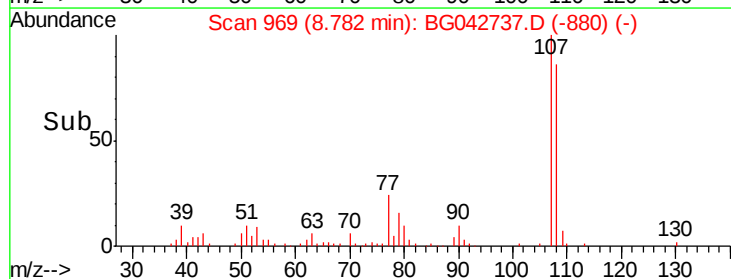
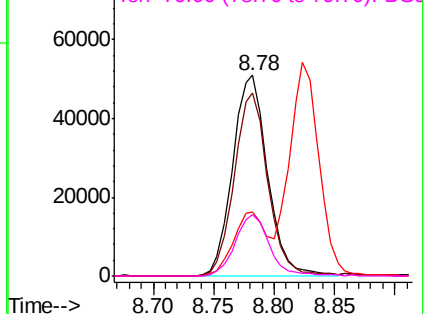
Abundance

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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 164162

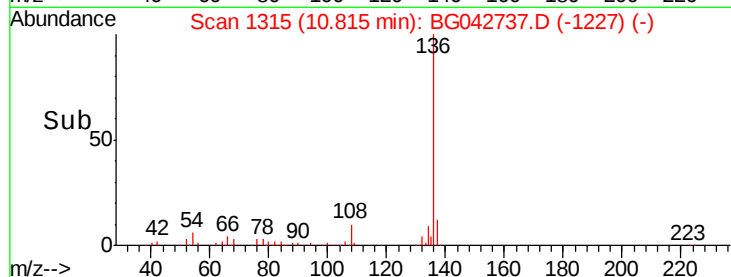
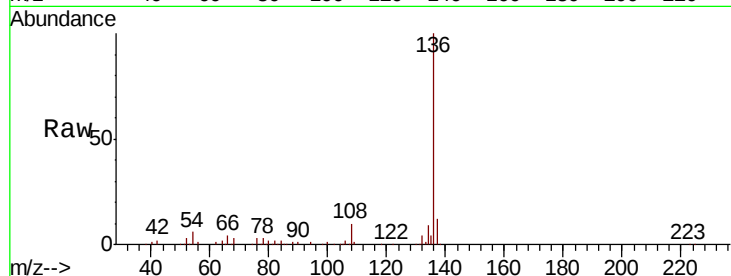
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 6.2 4.9 7.3

68 2.6 3.6 5.4#

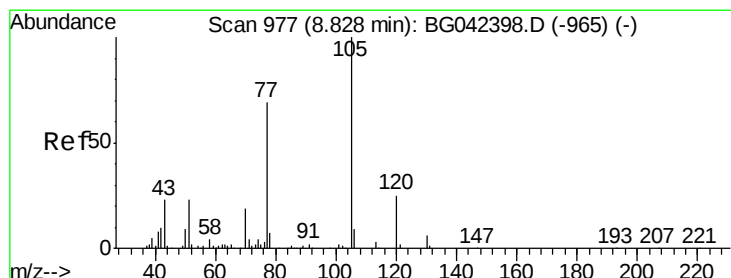
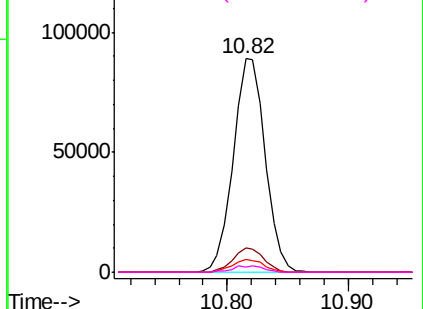


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.036 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Tgt Ion:105 Resp: 137060

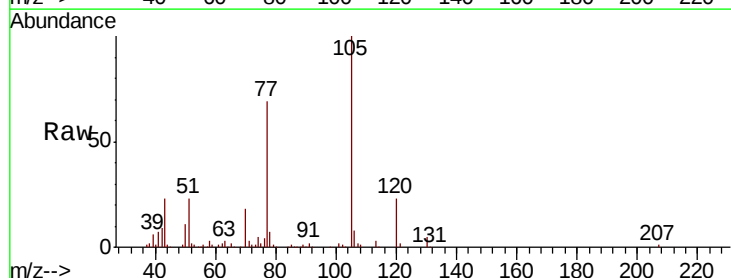
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 22.6 18.7 28.1

120 23.5 20.1 30.1

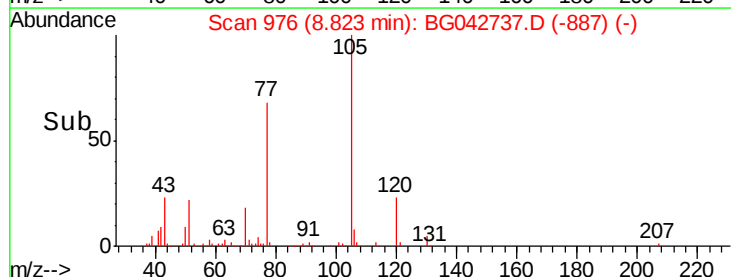
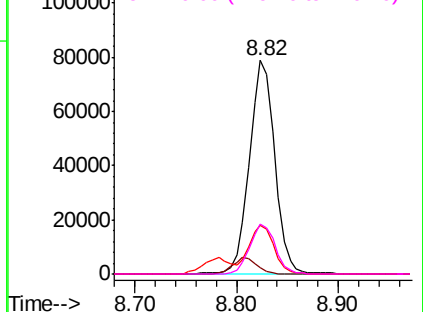


Abundance Ion 105.00 (104.70 to 105.70): E

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

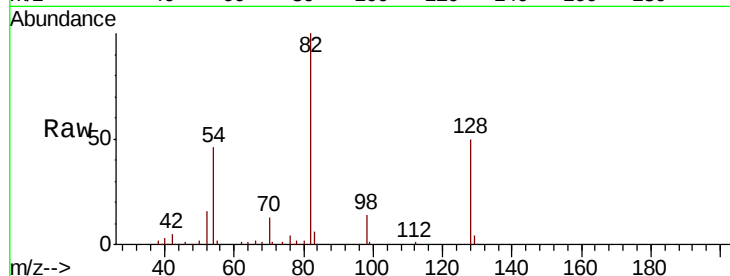




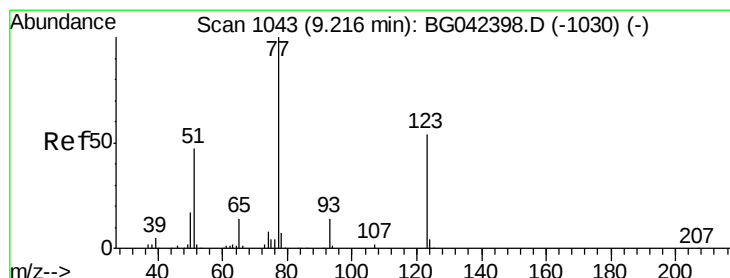
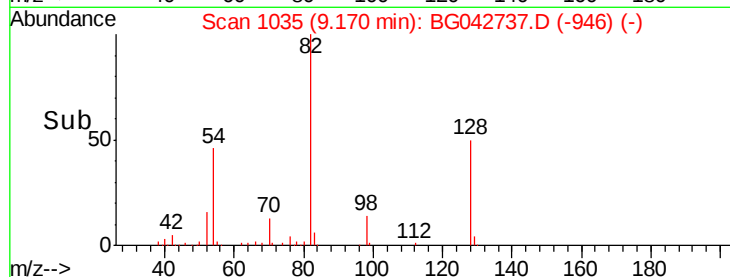
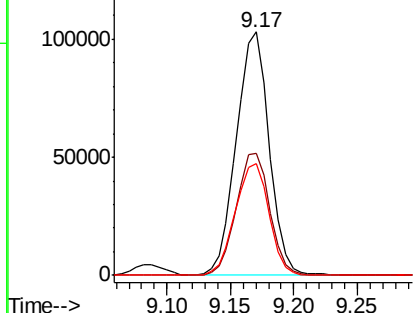
#23
 Nitrobenzene-d5
 Concen: 77.664 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	184498
Ion Ratio	Lower	Upper	
82	100		
128	50.2	40.7	61.1
54	45.7	36.3	54.5

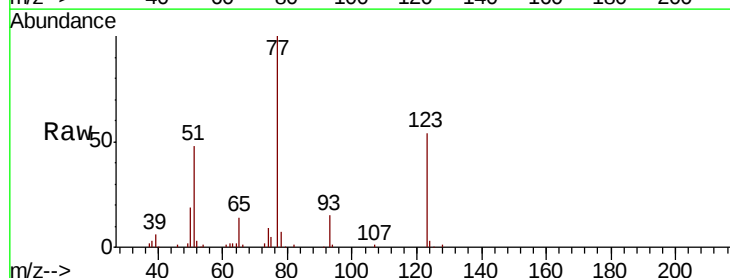


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

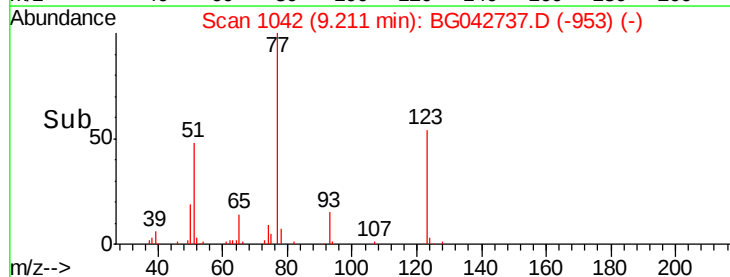
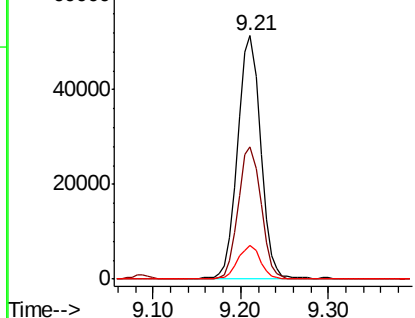


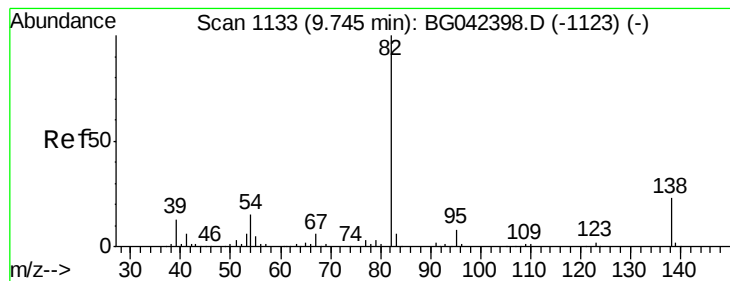
#24
 Nitrobenzene
 Concen: 37.955 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion	77	Resp	91304
Ion Ratio	Lower	Upper	
77	100		
123	54.3	43.4	65.0
65	13.8	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: 35.852 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

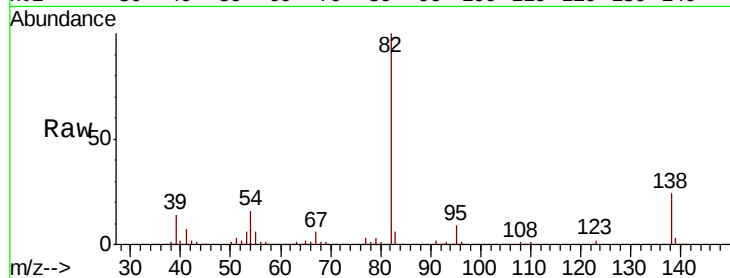
Tot Ion: 82 Resp: 168085

Ion Ratio Lower Upper

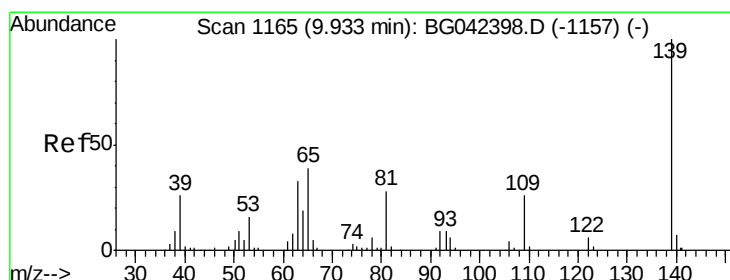
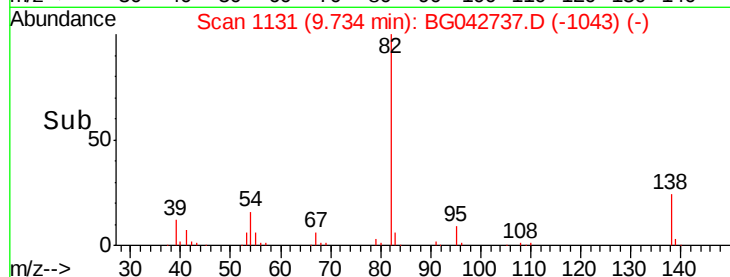
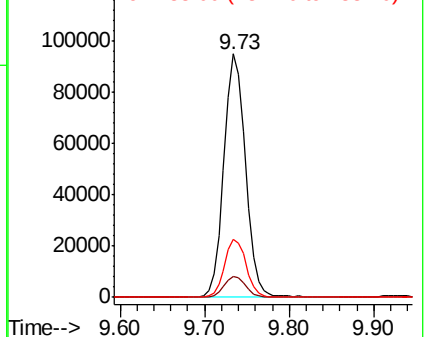
82 100

95 8.6 6.6 9.8

138 23.6 18.6 27.8



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: 39.987 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

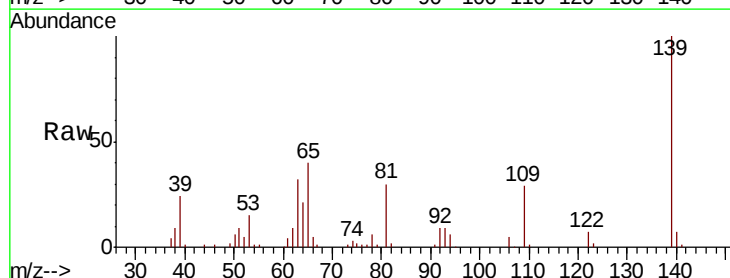
Tgt Ion: 139 Resp: 60281

Ion Ratio Lower Upper

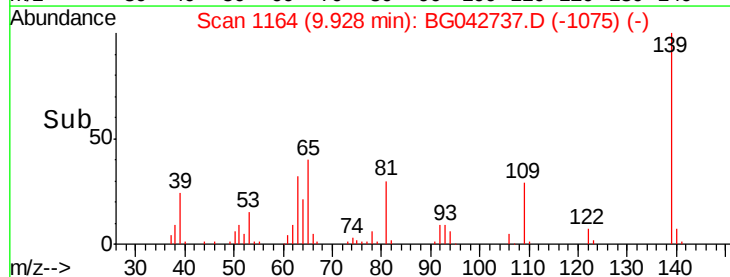
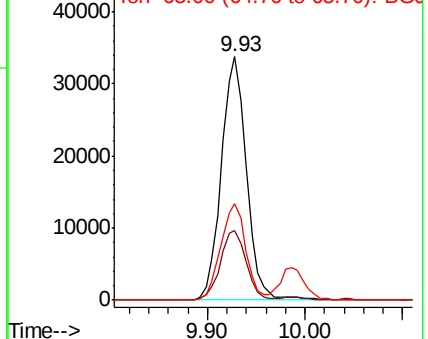
139 100

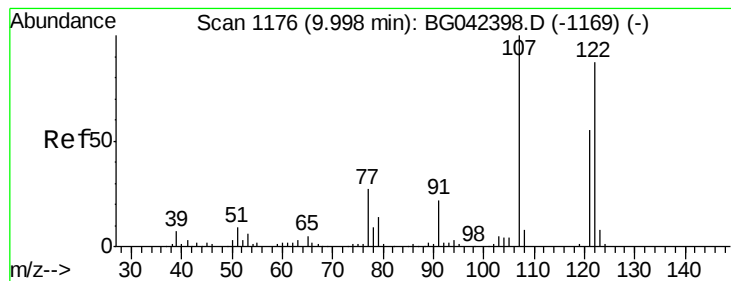
109 28.7 20.5 30.7

65 39.5 30.9 46.3



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: 37.850 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

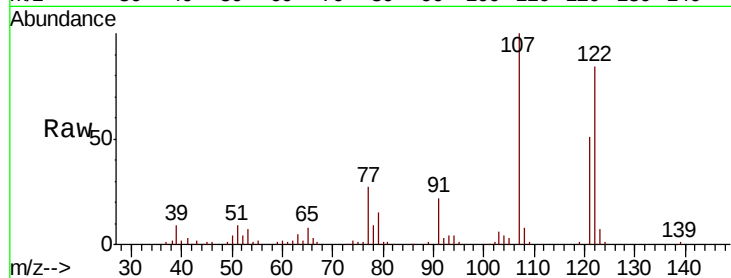
Tot Ion:122 Resp: 78599

Ion Ratio Lower Upper

122 100

107 119.1 90.8 136.2

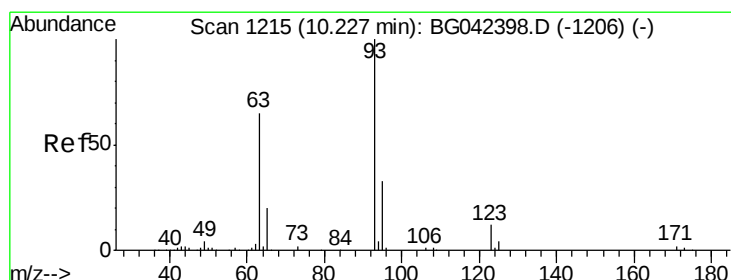
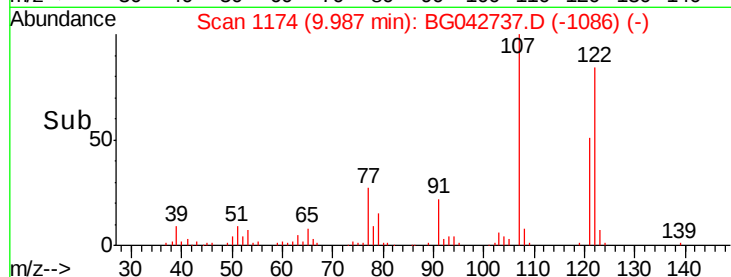
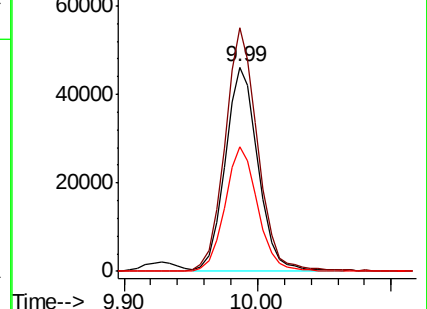
121 60.9 49.6 74.4



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: 36.470 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

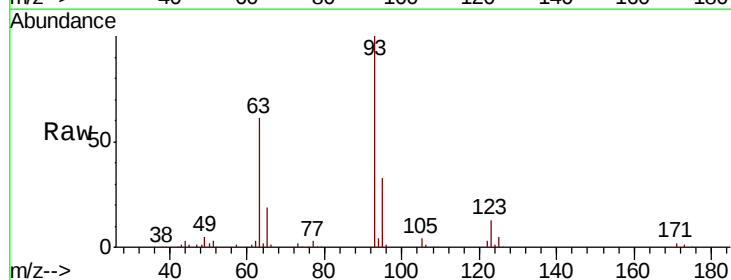
Tgt Ion: 93 Resp: 107765

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

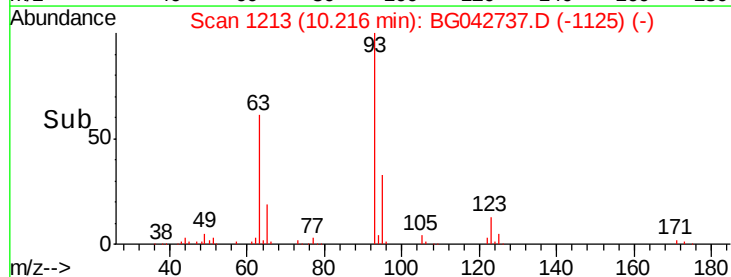
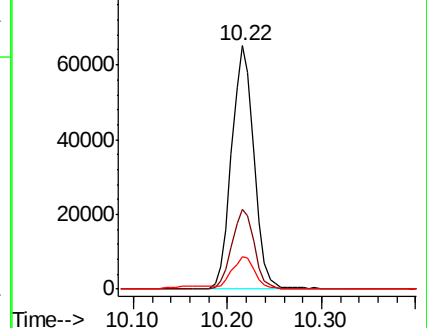
123 13.3 10.1 15.1



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

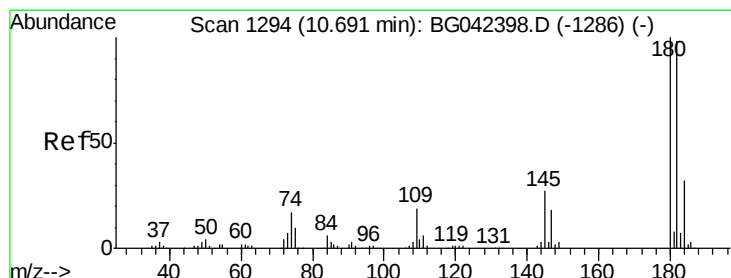
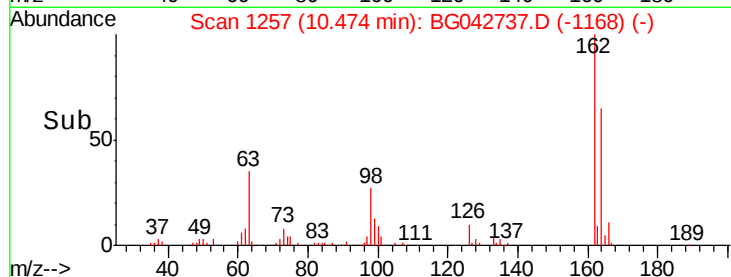
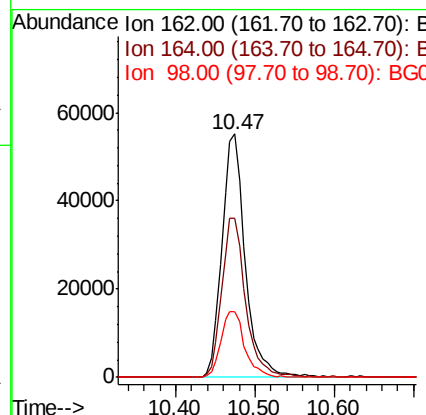
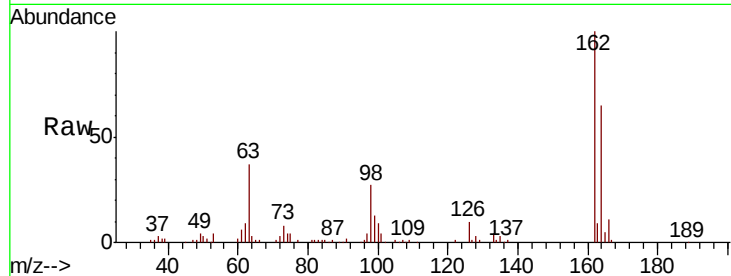




#29
 2,4-Dichlorophenol
 Concen: 41.303 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

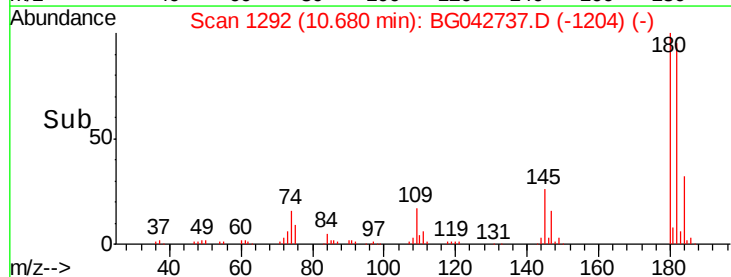
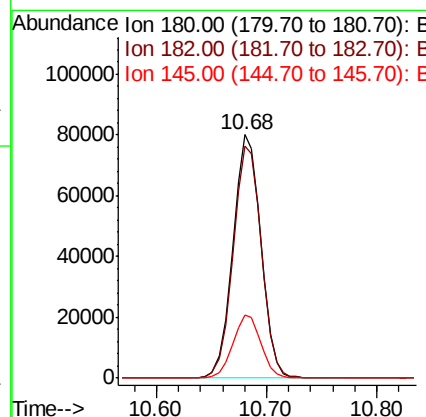
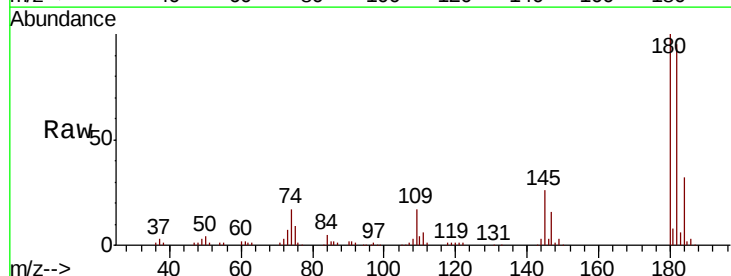
Instrument :
 BNA_G
 ClientSampleId :

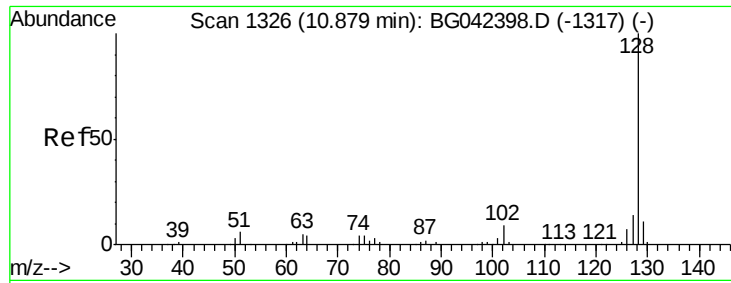
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.1	88.1
98	26.8	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.719 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.7	118.1
145	26.2	21.6	32.4

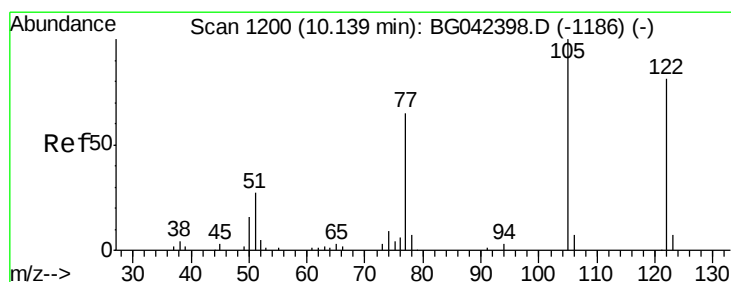
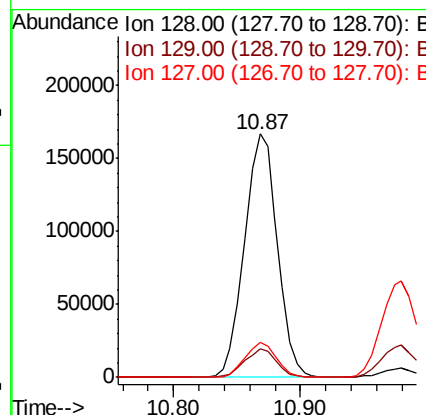
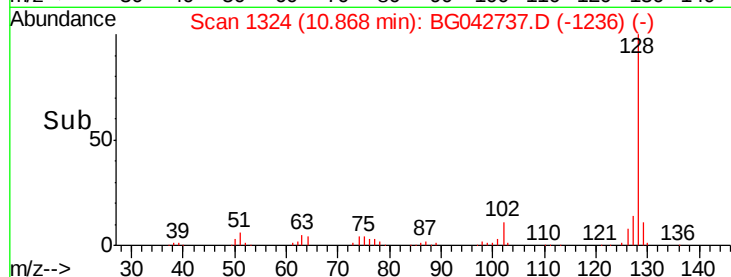
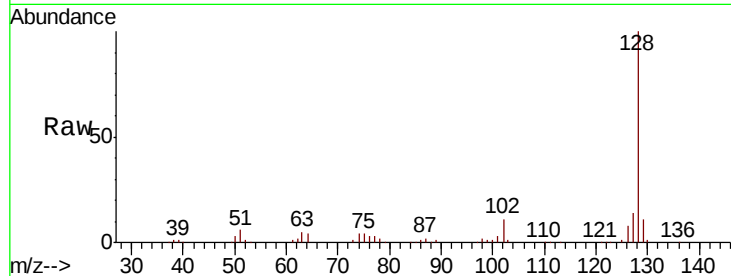




#31
Naphthalene
Concen: 39.341 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

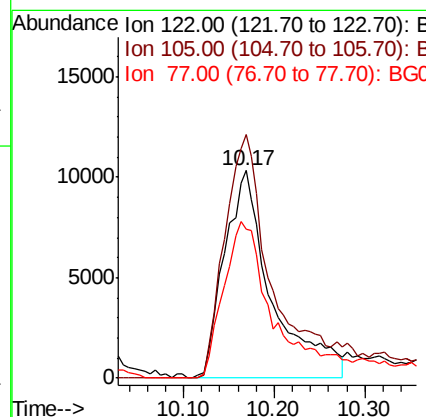
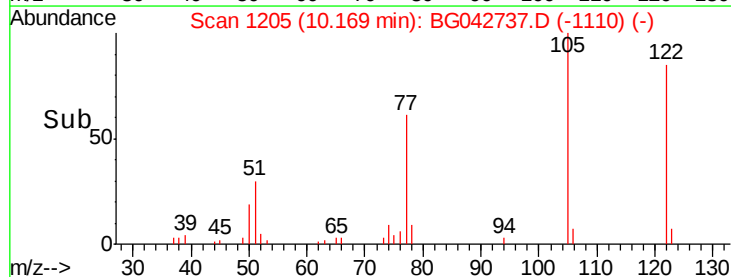
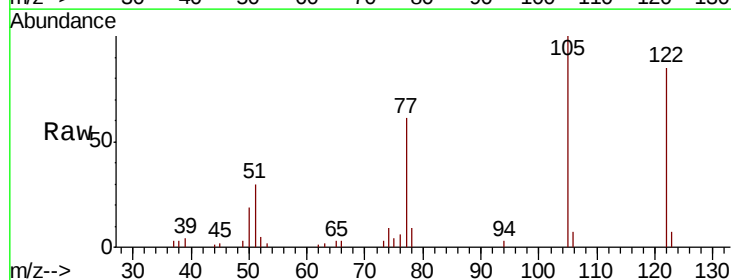
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 299843
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 28.861 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:122 Resp: 37580
Ion Ratio Lower Upper
122 100
105 117.4 99.6 139.6
77 72.0 59.5 99.5

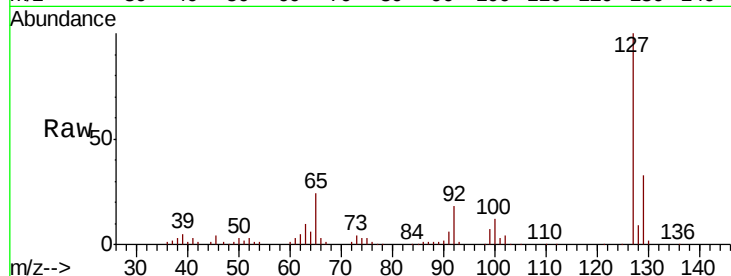




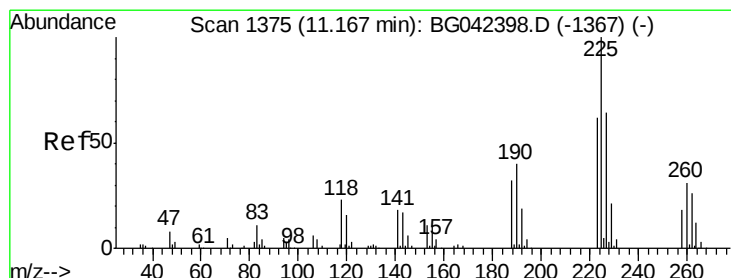
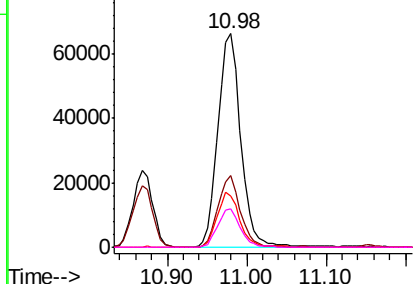
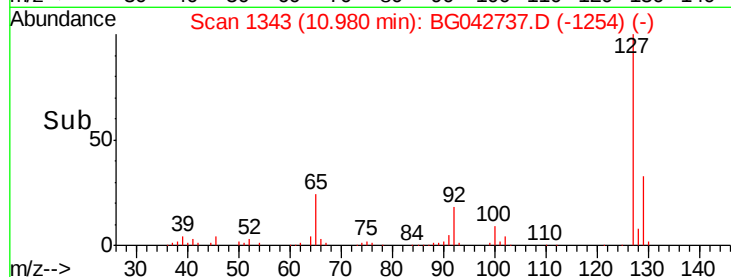
#33
4-Chloroaniline
Concen: 37.881 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	133280
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.8	40.2
65	24.0	20.7	31.1
92	18.1	13.6	20.4

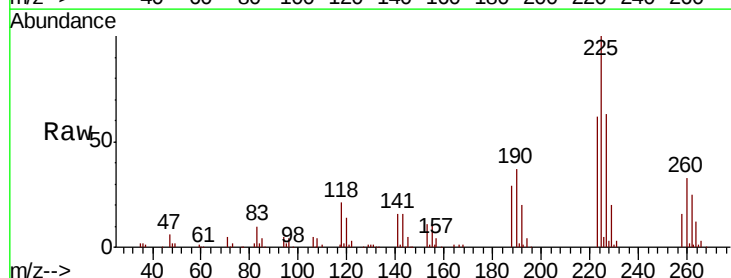


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

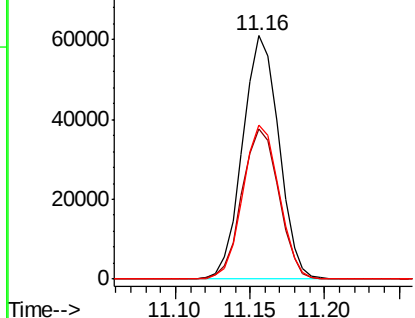
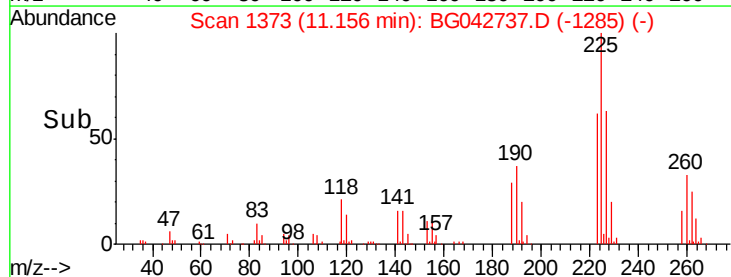


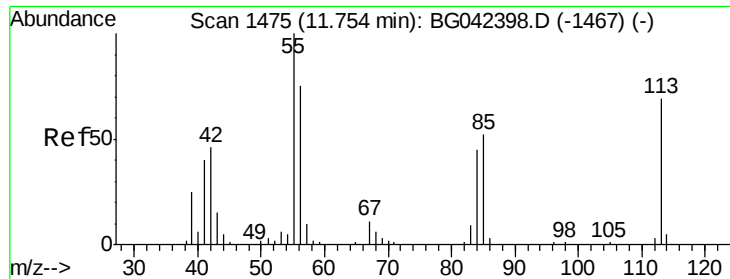
#34
Hexachlorobutadiene
Concen: 45.862 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:	225	Resp:	102788
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.6
227	63.2	50.9	76.3



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

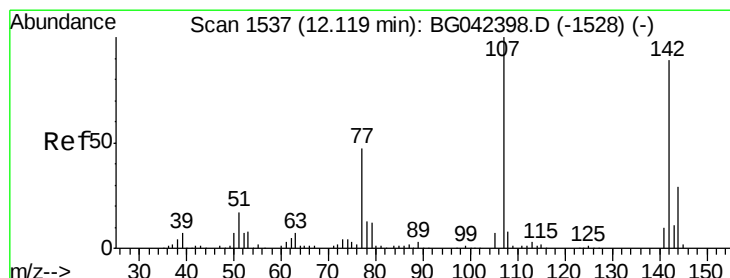
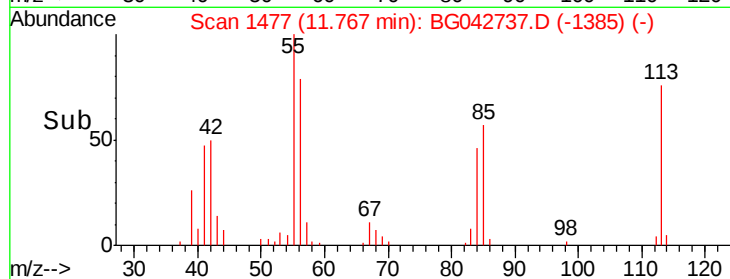
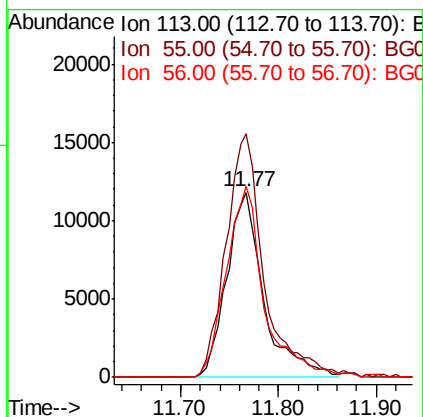
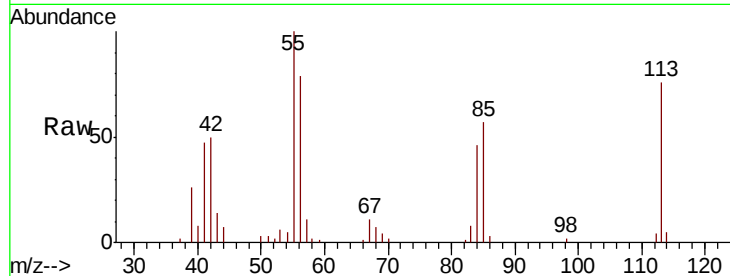




#35
 Caprolactam
 Concen: 34.290 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

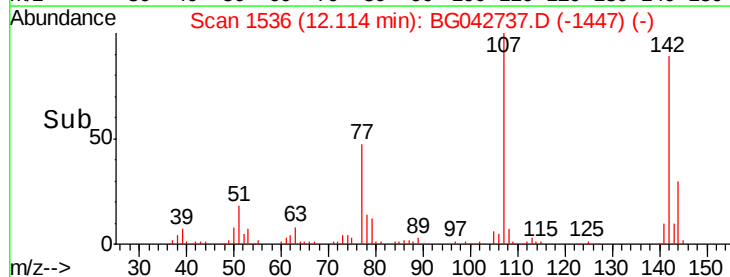
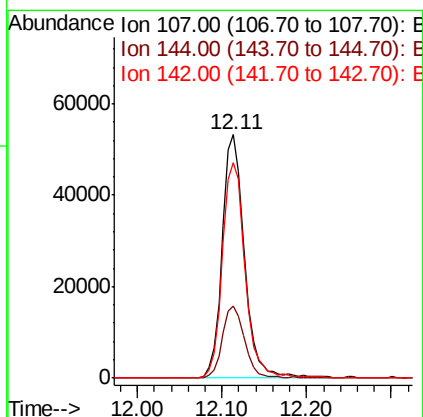
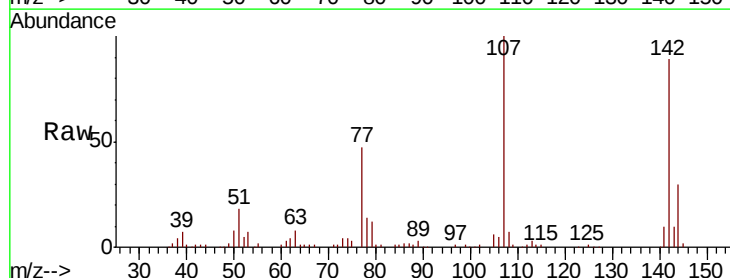
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 31087
 Ion Ratio Lower Upper
 113 100
 55 131.5 124.6 164.6
 56 103.3 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.658 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion:107 Resp: 97125
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.6 35.4
 142 88.6 71.0 106.4

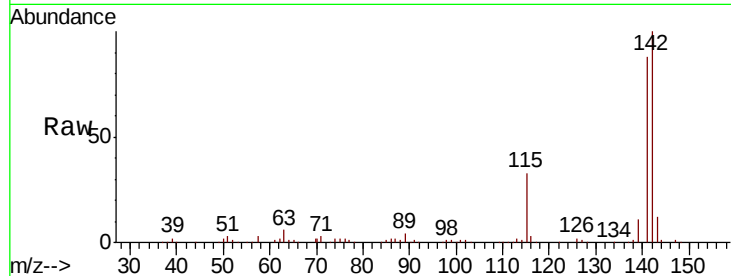




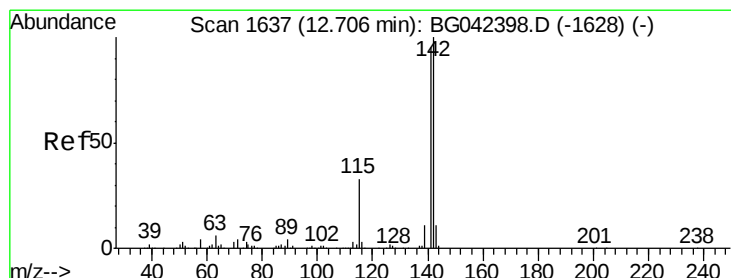
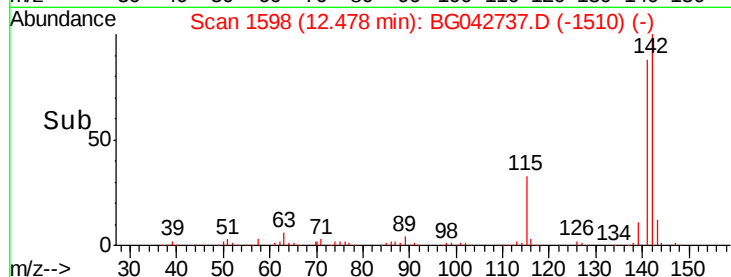
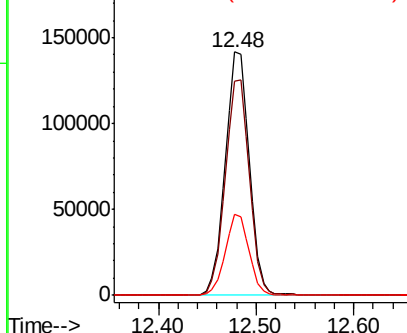
#37
2-Methylnaphthalene
Concen: 39.551 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 242042
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.2
115 33.1 25.2 37.8

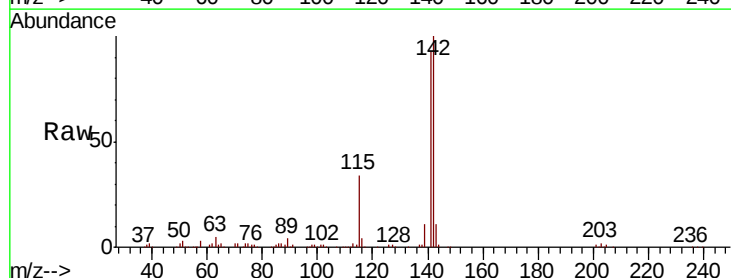


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

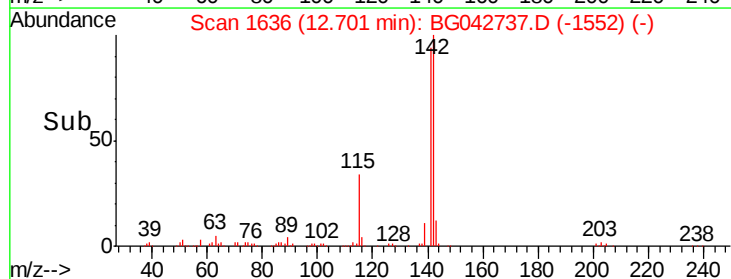
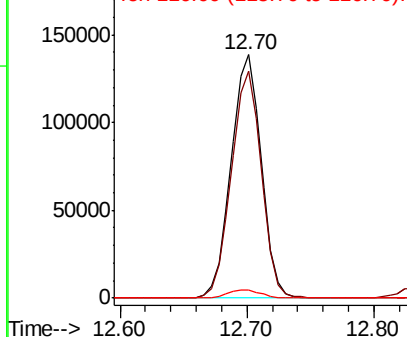


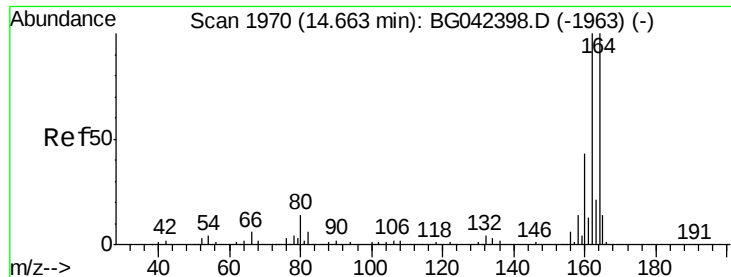
#38
1-Methylnaphthalene
Concen: 39.070 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:142 Resp: 227117
Ion Ratio Lower Upper
142 100
141 93.4 76.2 114.2
116 3.5 2.8 4.2



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. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

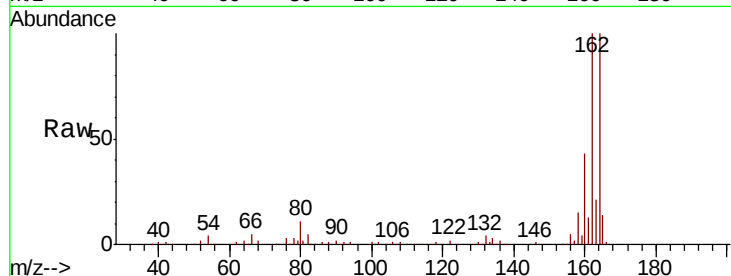
Tot Ion:164 Resp: 119021

Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

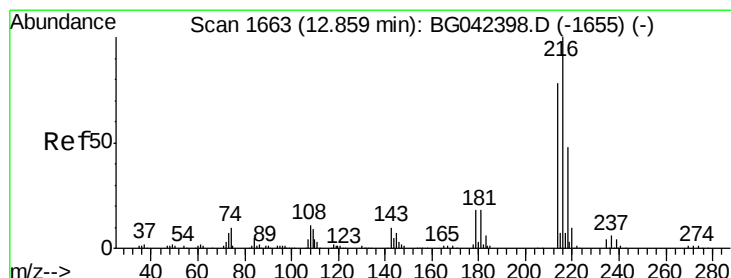
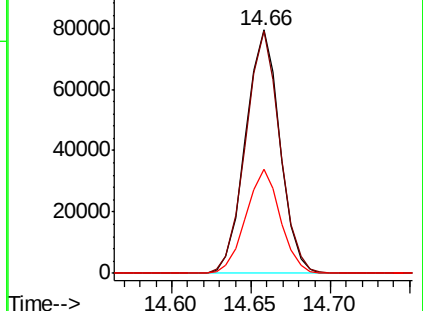
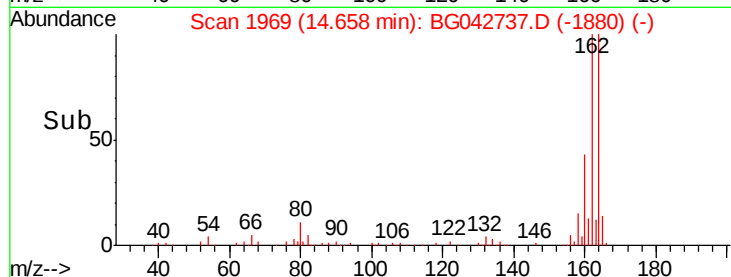
160 42.7 34.3 51.5



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: 43.757 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Tgt Ion:216 Resp: 167248

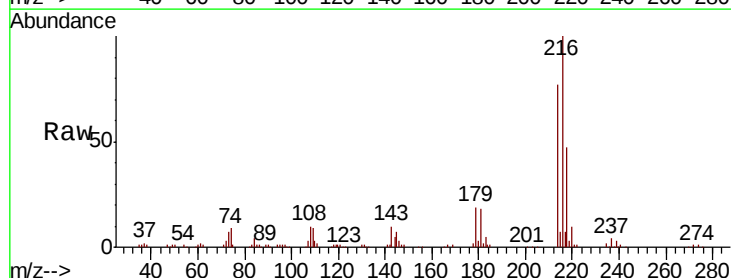
Ion Ratio Lower Upper

216 100

214 76.5 61.4 92.2

179 18.4 15.1 22.7

108 10.8 9.4 14.0

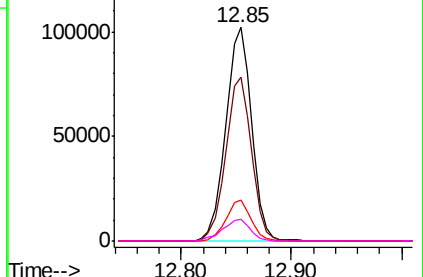
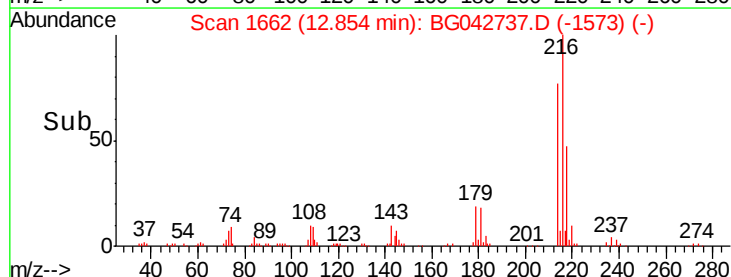


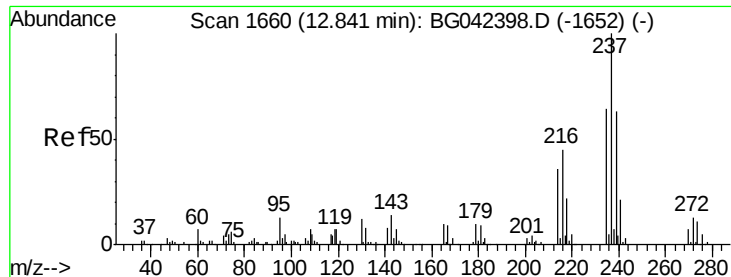
Abundance Ion 216.00 (215.70 to 216.70): E

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

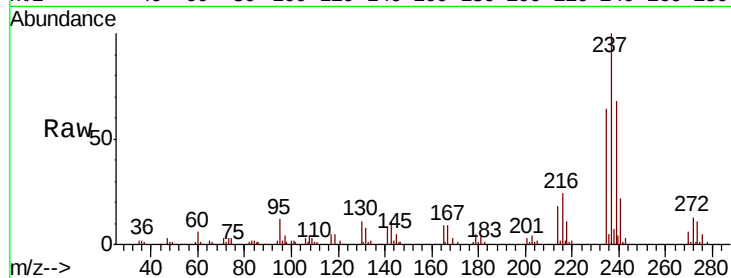




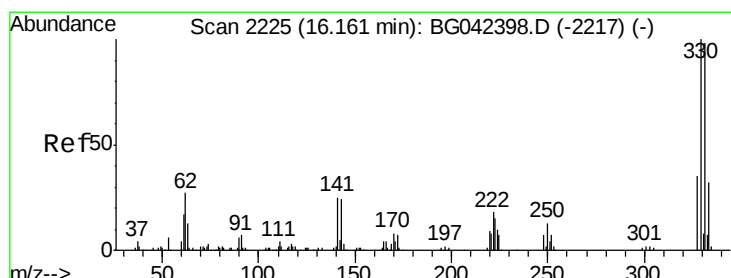
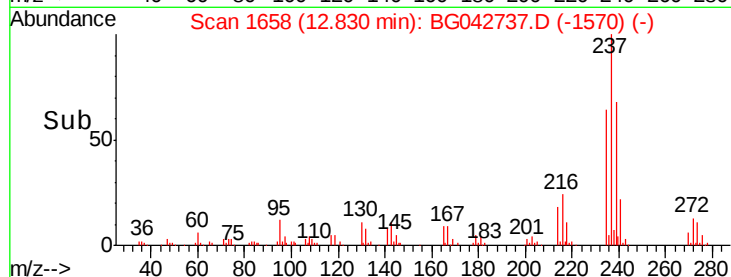
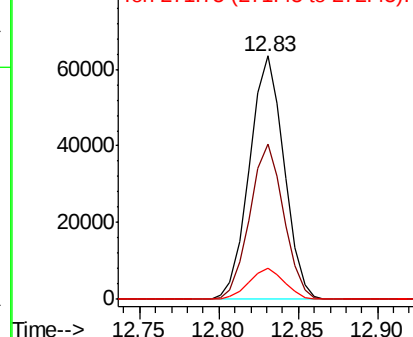
#41
Hexachlorocyclopentadiene
Concen: 47.905 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 96181
Ion Ratio Lower Upper
237 100
235 63.6 43.7 83.7
272 12.7 0.0 33.3

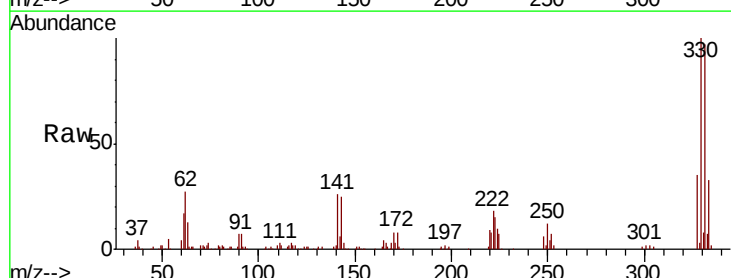


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

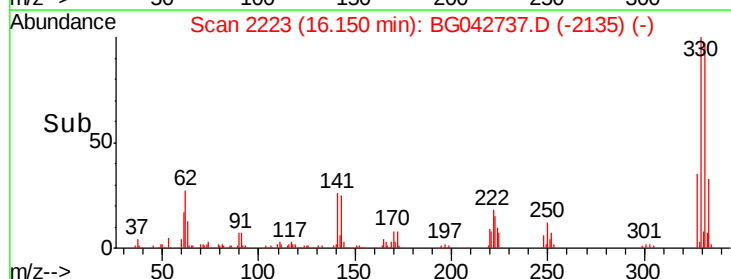
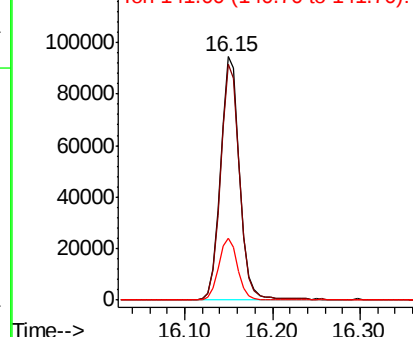


#42
2,4,6-Tribromophenol
Concen: 84.780 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:330 Resp: 143422
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 25.4 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

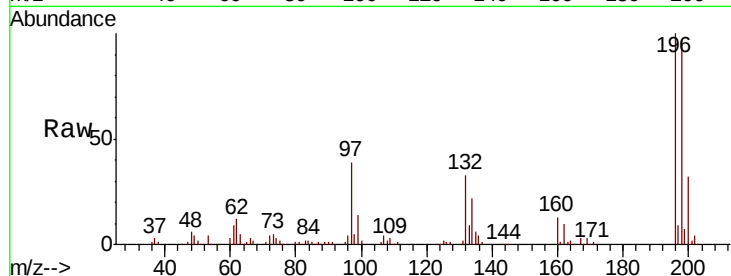




#43
 2,4,6-Trichlorophenol
 Concen: 39.998 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	103337
Ion Ratio	Lower	Upper	
196	100		
198	96.9	80.7	121.1
200	32.2	25.7	38.5

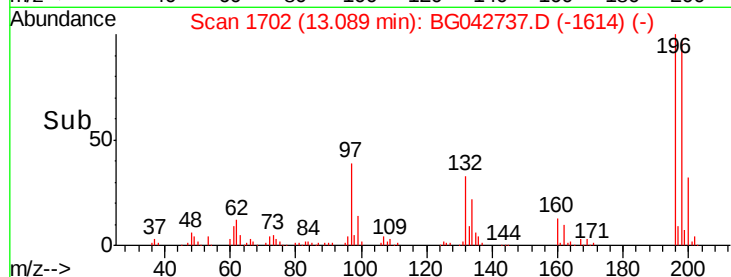
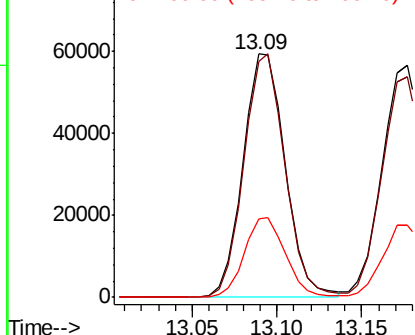


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.092 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion	196	Resp	107337
Ion Ratio	Lower	Upper	
196	100		
198	95.2	80.2	120.4
97	31.3	26.3	39.5
132	19.3	16.6	24.8

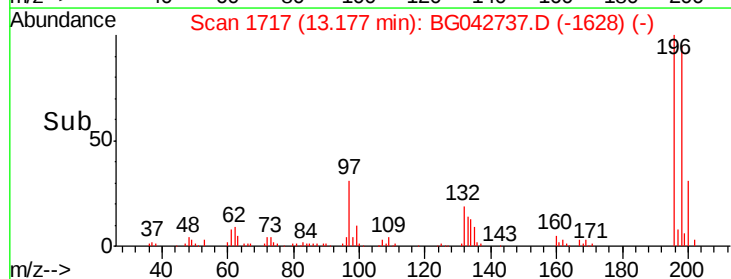
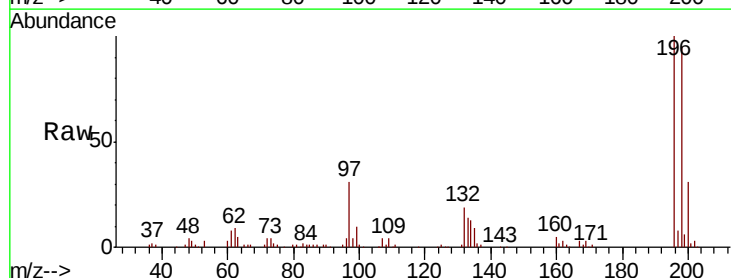
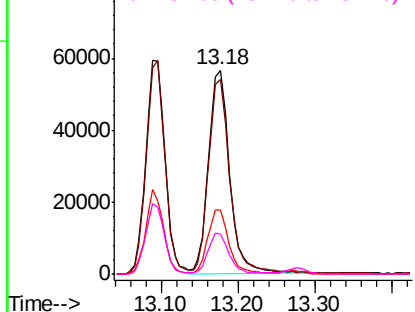
Abundance

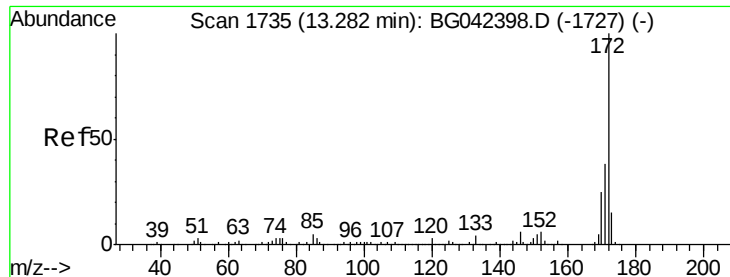
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

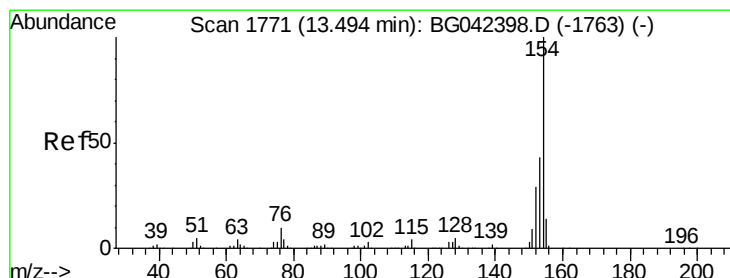
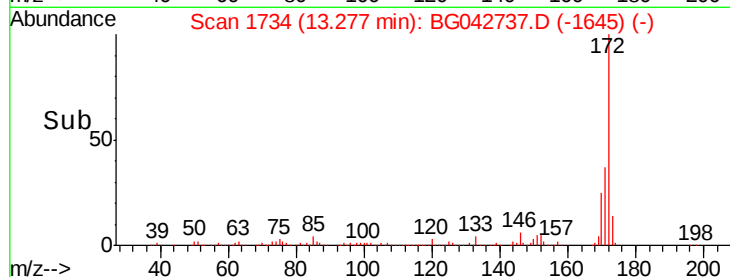
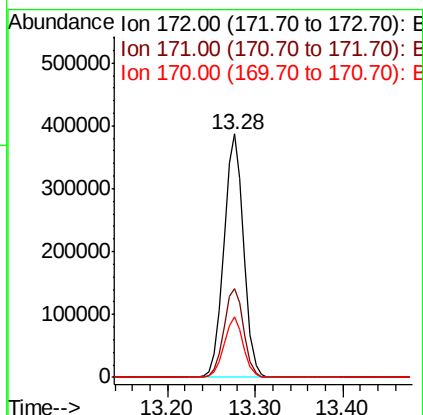
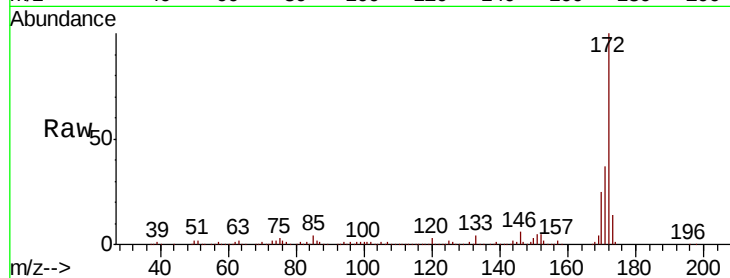




#45
 2-Fluorobiphenyl
 Concen: 85.090 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

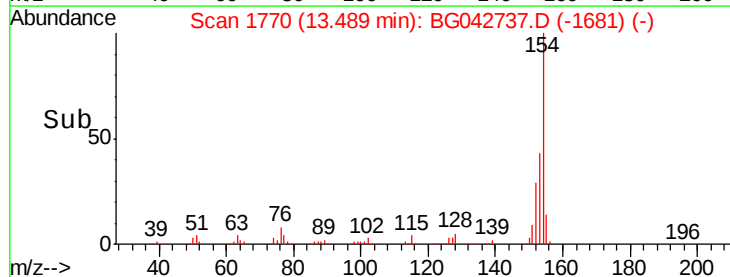
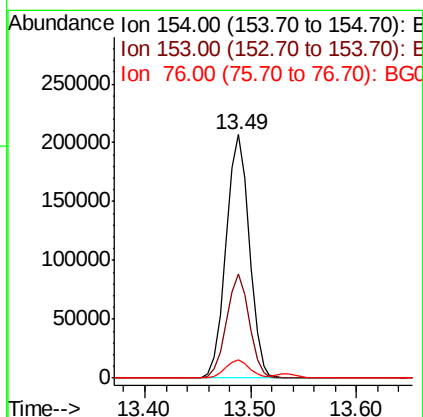
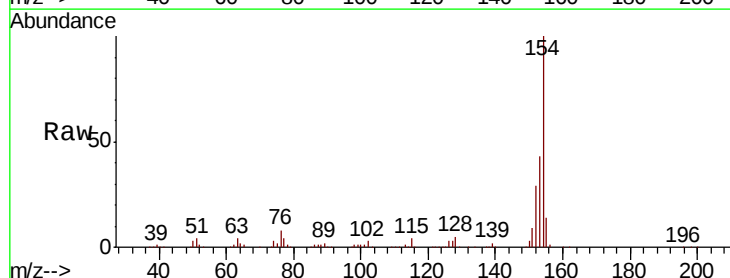
Instrument :
 BNA_G
 ClientSampled :

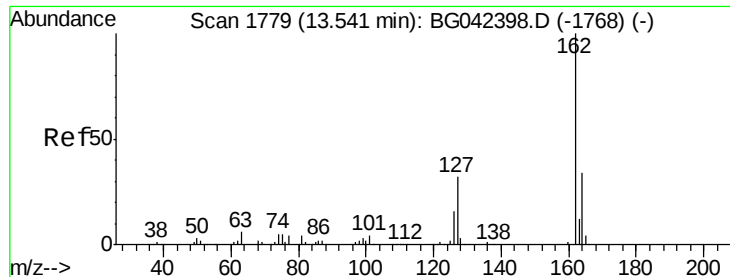
Tot Ion:172 Resp: 598807
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.759 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion:154 Resp: 313581
 Ion Ratio Lower Upper
 154 100
 153 42.7 23.0 63.0
 76 7.8 0.0 29.6

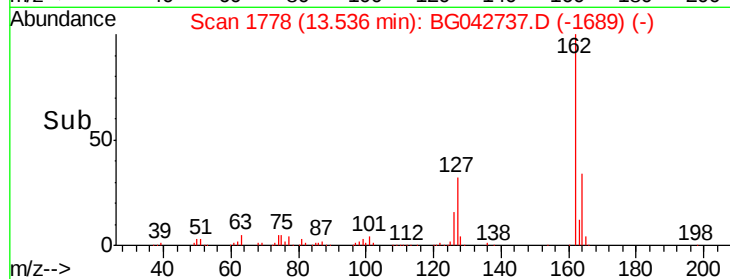
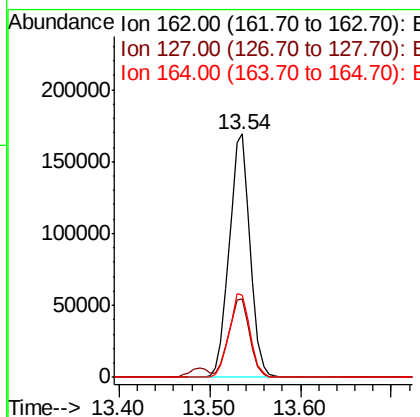
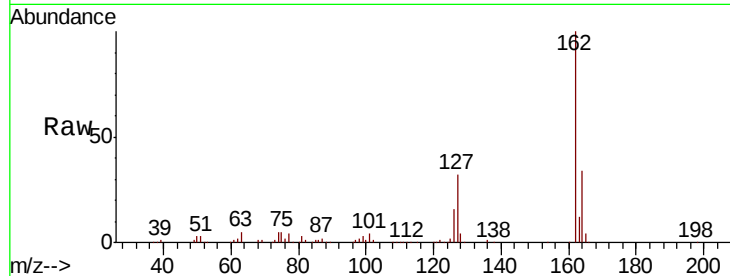




#47
 2-Chloronaphthalene
 Concen: 40.748 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

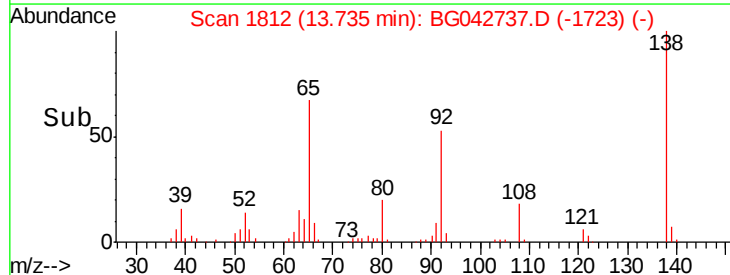
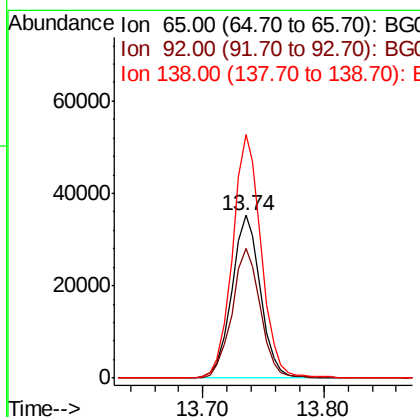
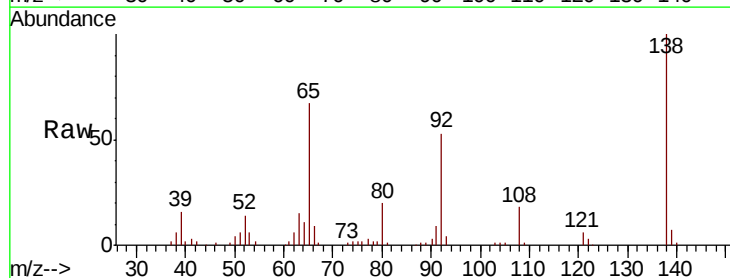
Instrument :
 BNA_G
 ClientSampleId :

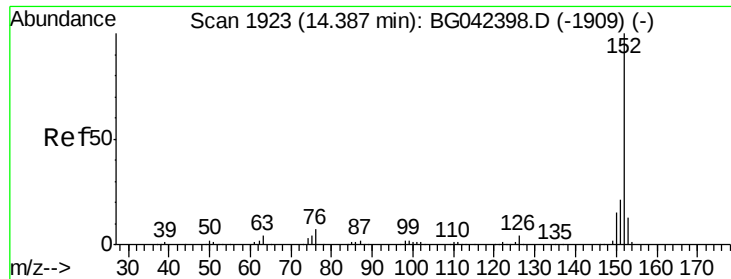
Tot Ion	Ratio	Lower	Upper
162	100		
127	32.3	26.0	39.0
164	33.6	27.4	41.0



#48
 2-Nitroaniline
 Concen: 36.512 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.5	61.8	92.6
138	149.7	111.0	166.6





#49

Acenaphthylene

Concen: 39.954 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

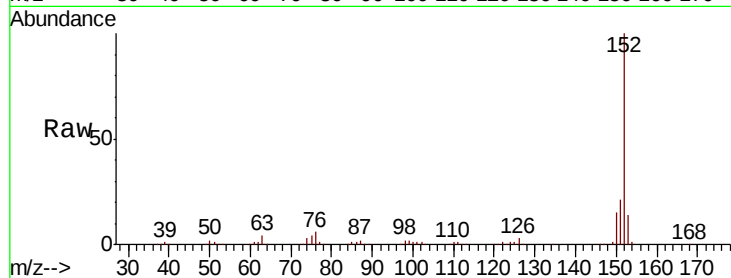
Tot Ion:152 Resp: 398758

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

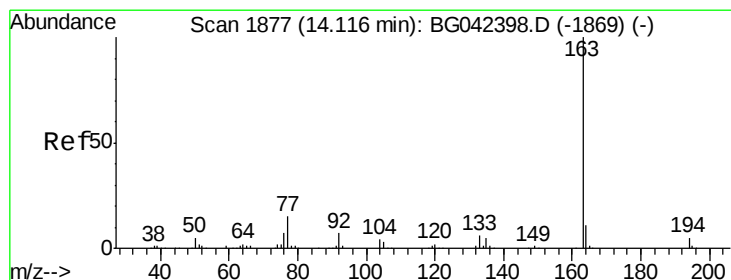
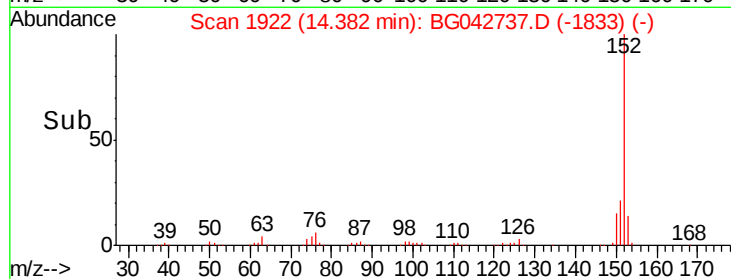
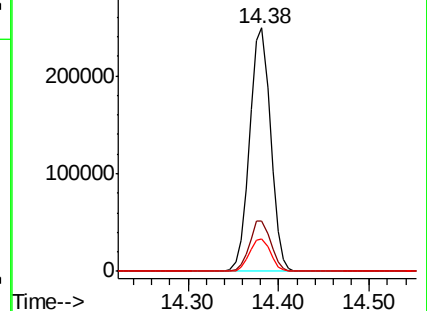
153 13.5 10.6 16.0



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: 39.969 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

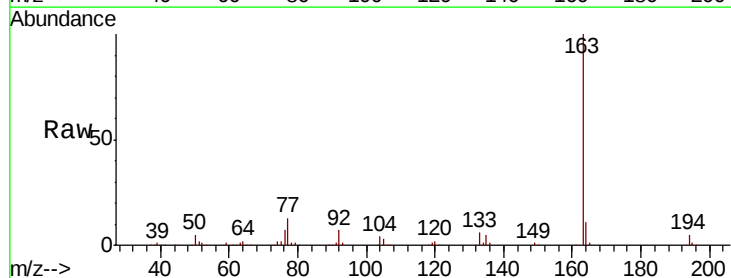
Tgt Ion:163 Resp: 343246

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

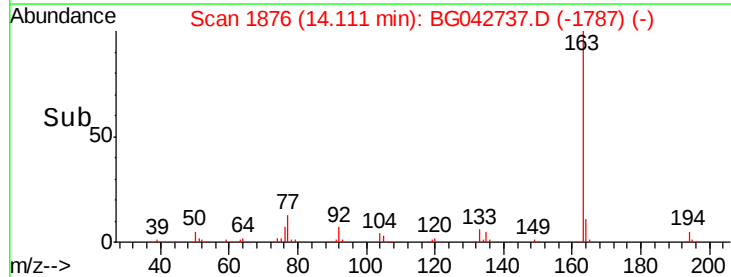
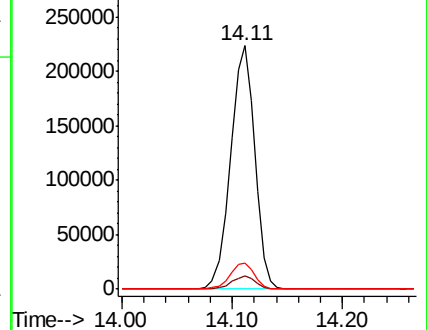
164 10.6 8.8 13.2

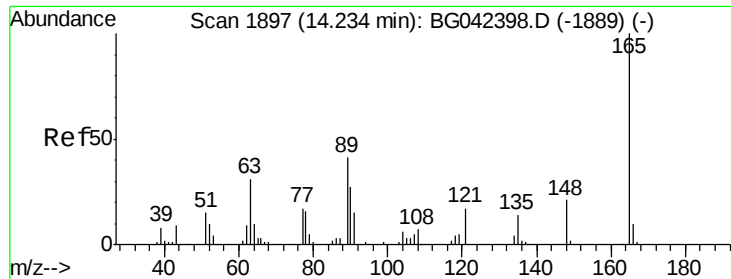


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

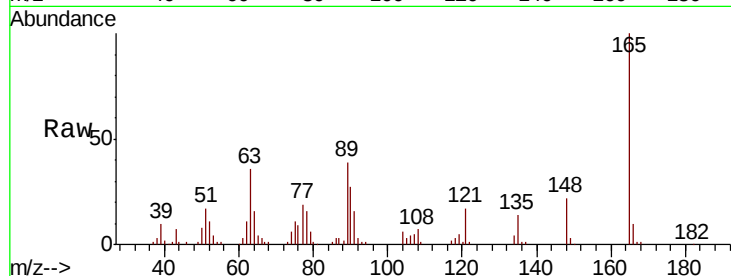




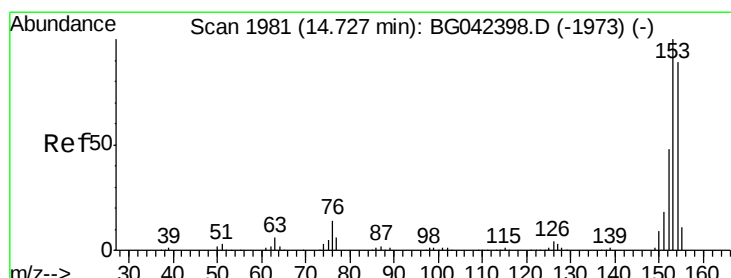
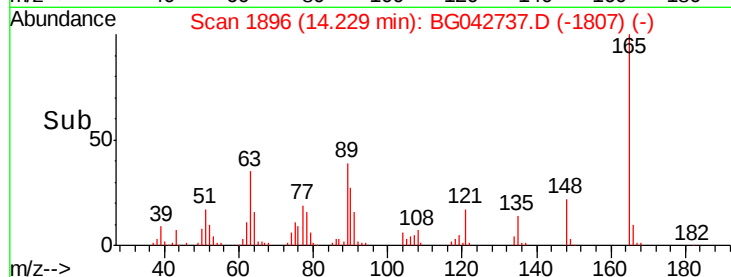
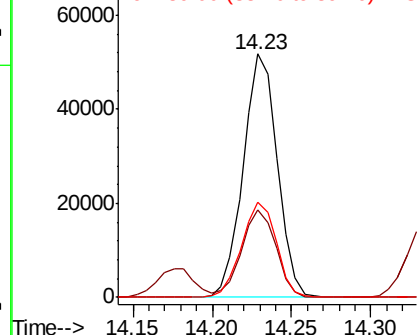
#51
 2,6-Dinitrotoluene
 Concen: 38.793 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 77221
 Ion Ratio Lower Upper
 165 100
 63 35.8 30.6 45.8
 89 39.2 32.6 49.0

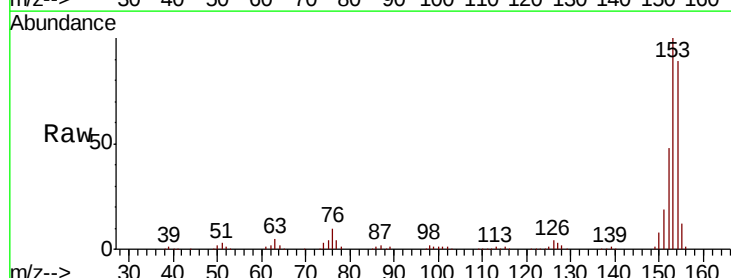


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

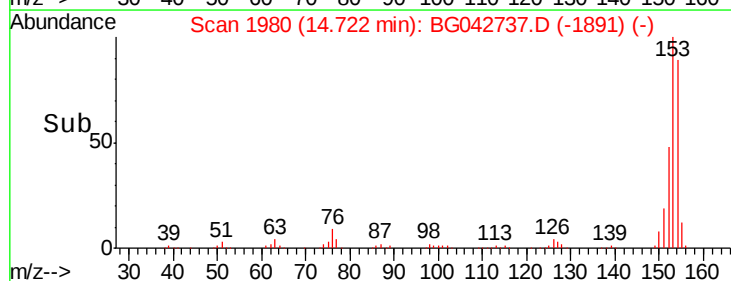
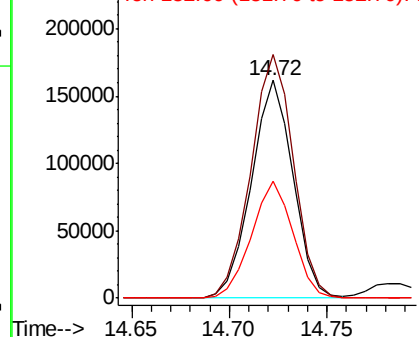


#52
 Acenaphthene
 Concen: 39.351 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion:154 Resp: 238480
 Ion Ratio Lower Upper
 154 100
 153 111.8 90.2 135.4
 152 53.8 43.2 64.8



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

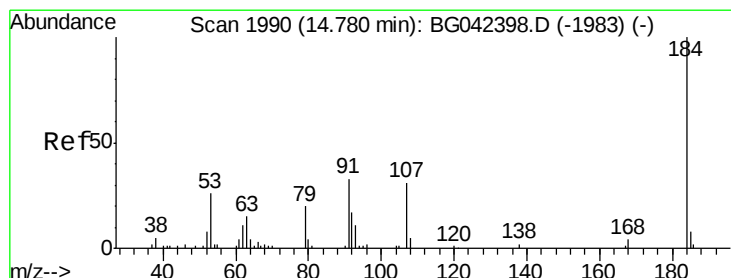
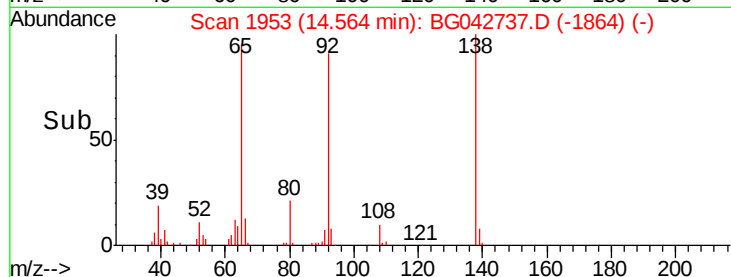
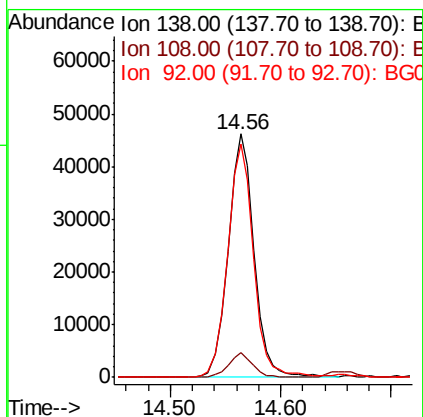
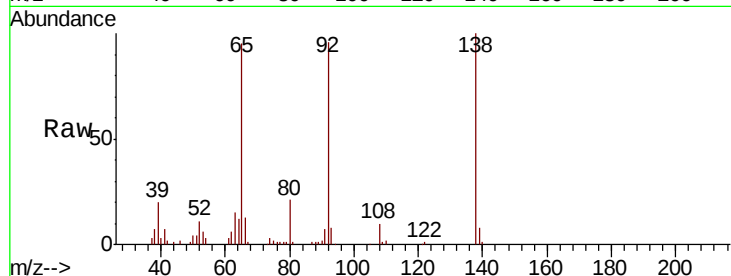




#53
3-Nitroaniline
Concen: 37.943 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

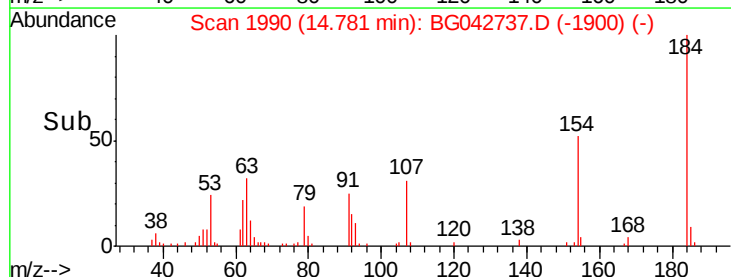
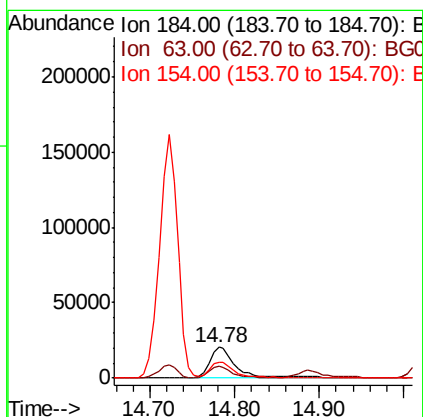
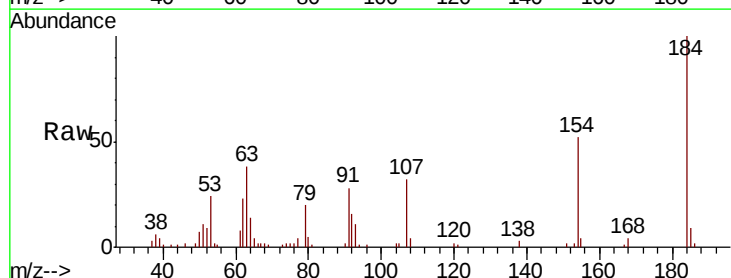
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 75536
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 96.0 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 37.091 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:184 Resp: 44881
Ion Ratio Lower Upper
184 100
63 38.0 31.7 47.5
154 51.6 42.0 63.0

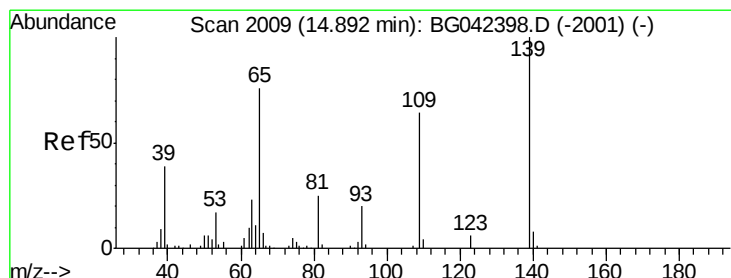
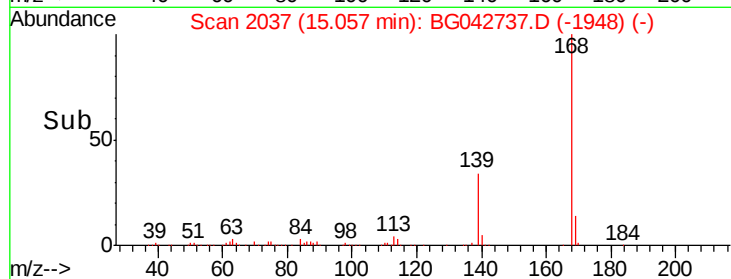
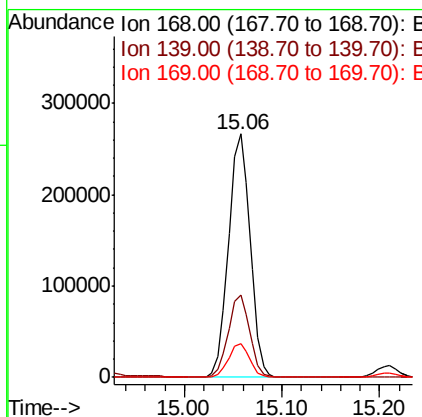
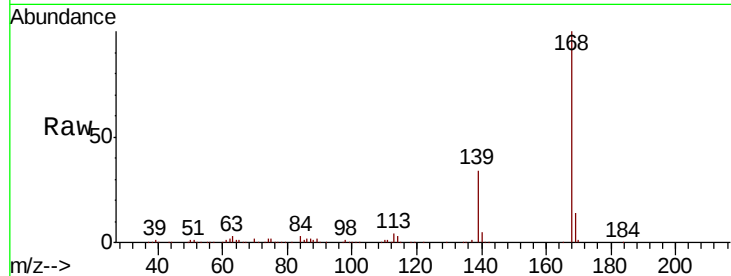




#55
Dibenzenofuran
Concen: 40.886 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

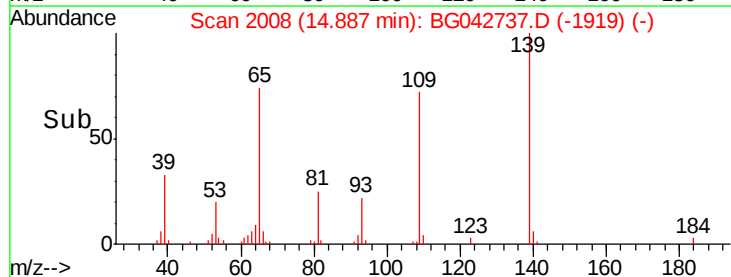
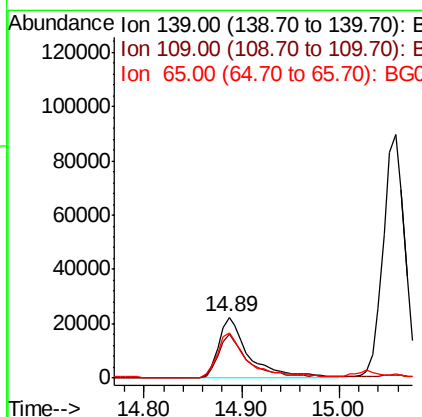
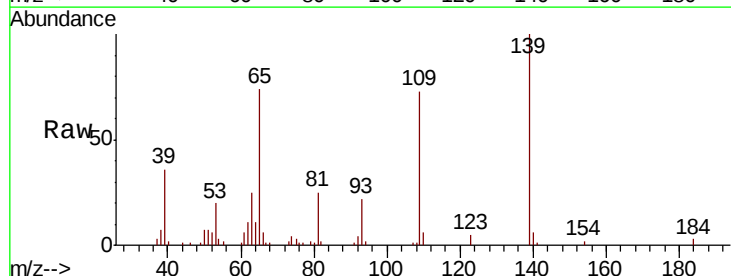
Instrument :
BNA_G
ClientSampleId :

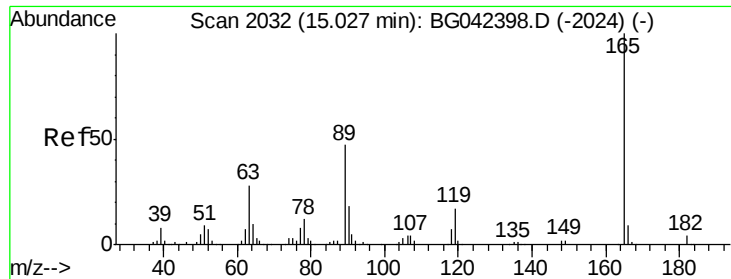
Tot Ion:168 Resp: 410152
Ion Ratio Lower Upper
168 100
139 33.6 27.2 40.8
169 13.6 11.5 17.3



#56
4-Nitrophenol
Concen: 34.496 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:139 Resp: 48798
Ion Ratio Lower Upper
139 100
109 72.8 43.9 83.9
65 73.9 56.3 96.3

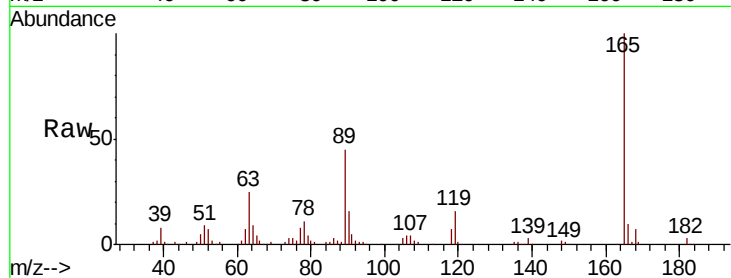




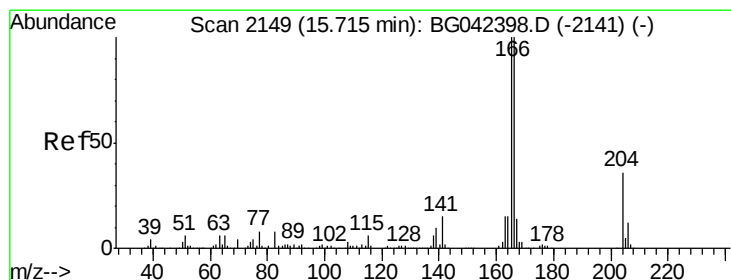
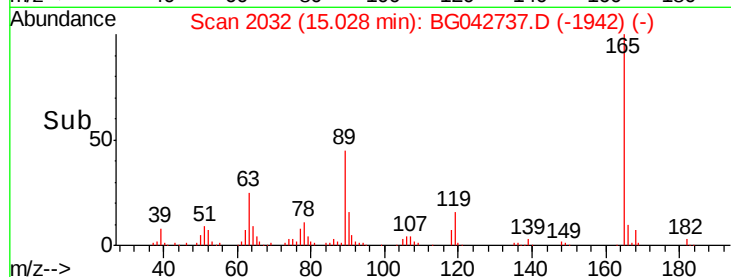
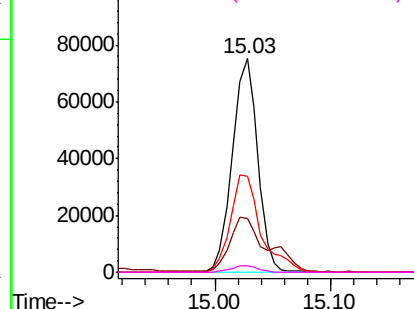
#57
2,4-Dinitrotoluene
Concen: 40.115 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 114348
Ion Ratio Lower Upper
165 100
63 25.1 22.5 33.7
89 44.9 37.8 56.6
182 3.1 3.0 4.4

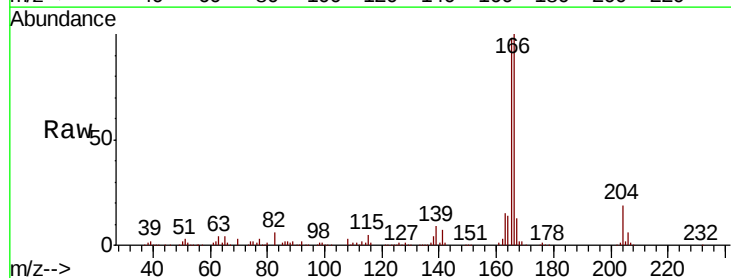


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

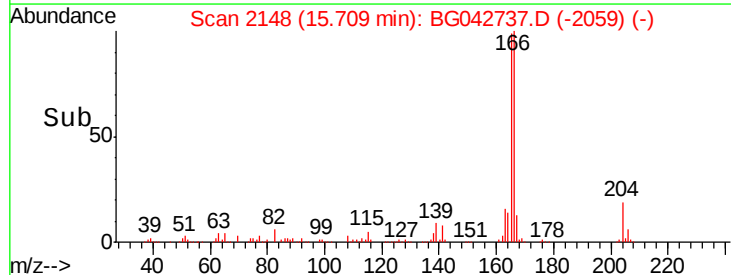
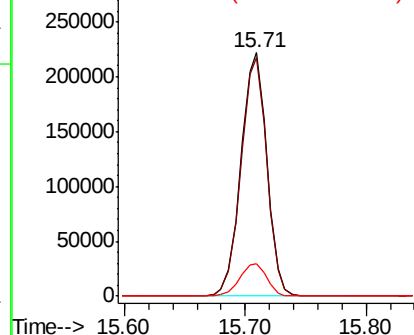


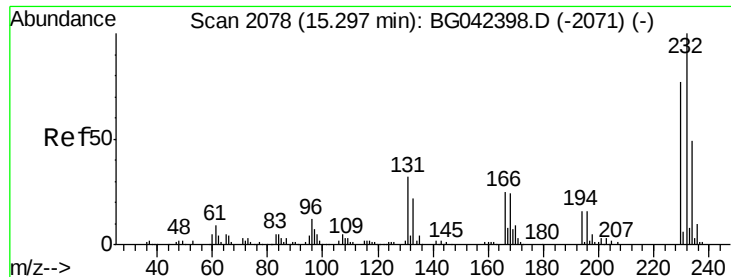
#58
Fluorene
Concen: 40.506 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:166 Resp: 332161
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 13.2 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

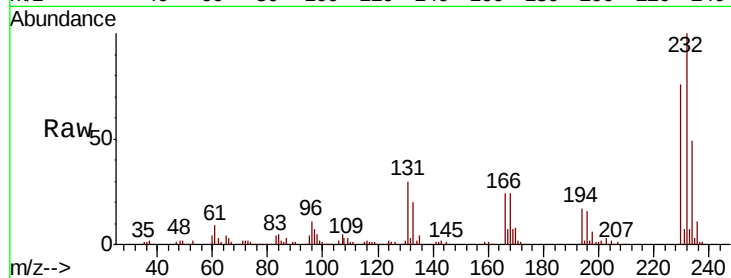




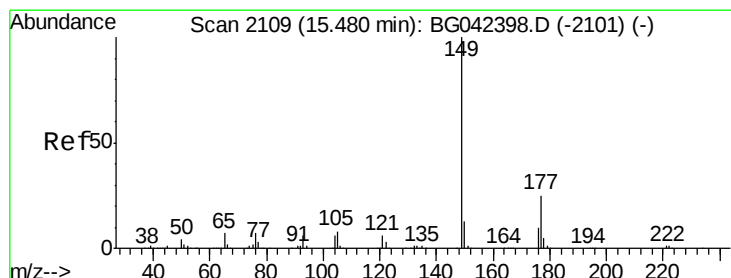
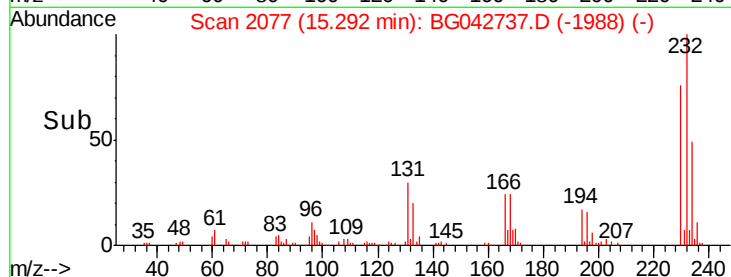
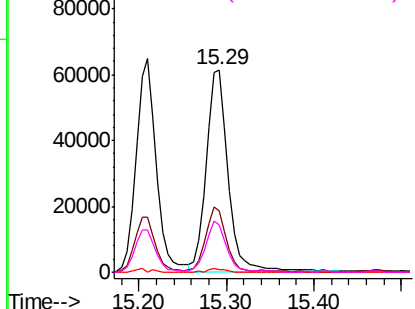
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.956 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	105788
Ion Ratio	Lower	Upper
232	100	
131	29.0	22.9 34.3
130	1.4	1.4 2.0
166	24.6	17.0 25.4

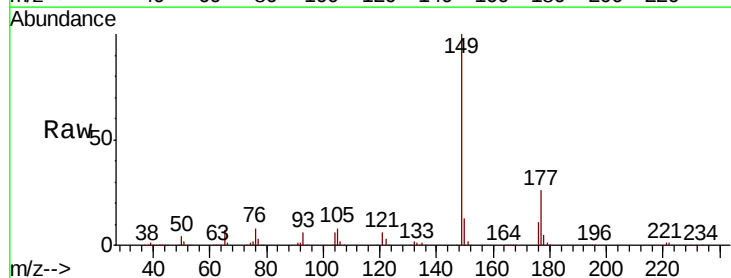


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

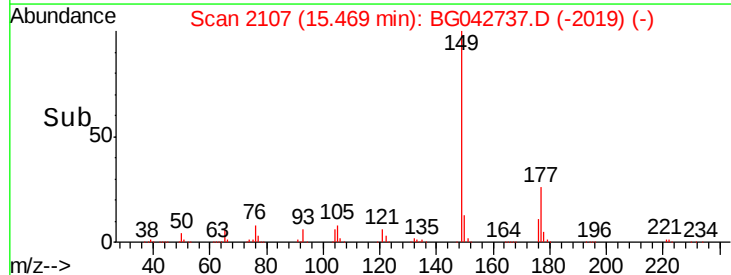
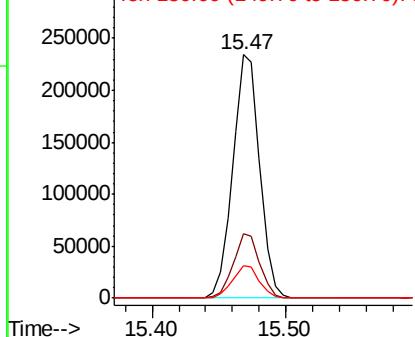


#60
 Diethylphthalate
 Concen: 39.031 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion:149	Resp:	327671
Ion Ratio	Lower	Upper
149	100	
177	26.2	20.4 30.6
150	13.4	10.3 15.5



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

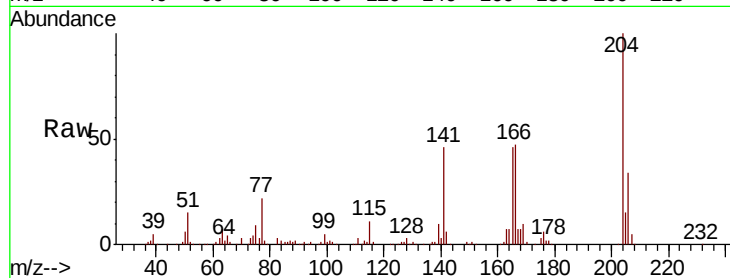




#61
4-Chlorophenyl-phenylether
Concen: 41.659 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.2	40.8
141	46.5	38.7	58.1

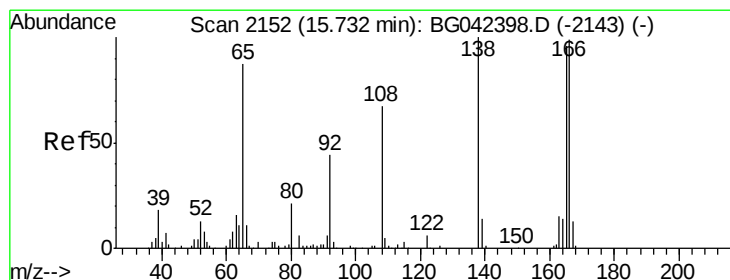
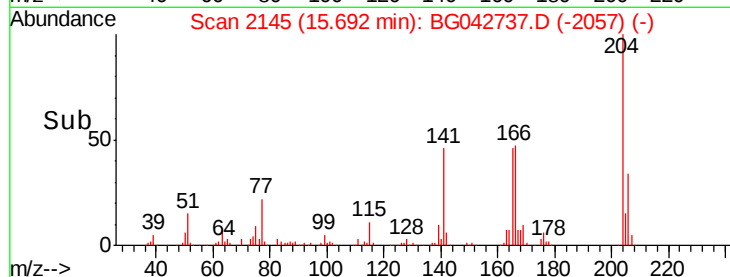
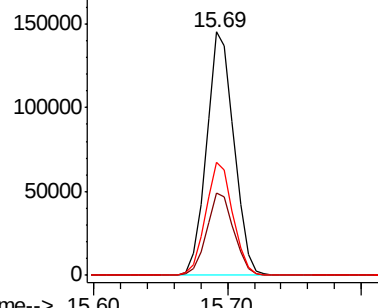


Abundance

Ion 204.00 (203.70 to 204.70): E

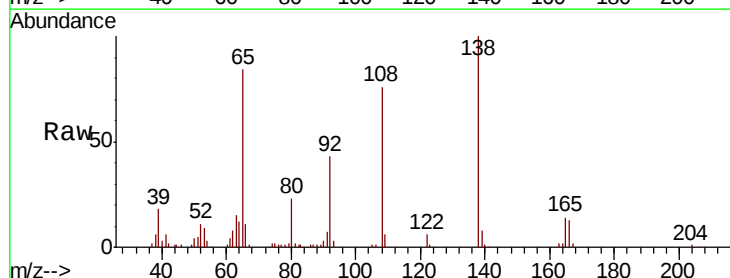
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.137 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.7	24.2	64.2
108	76.1	46.8	86.8

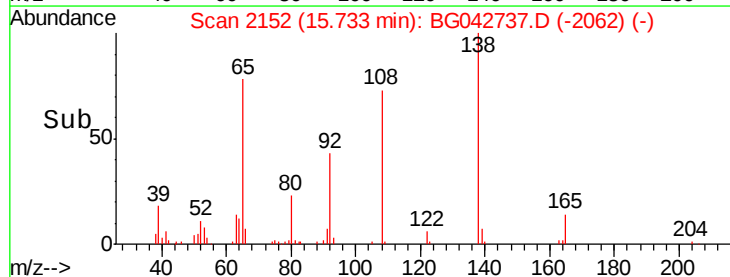
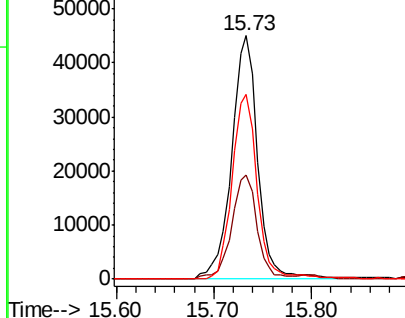


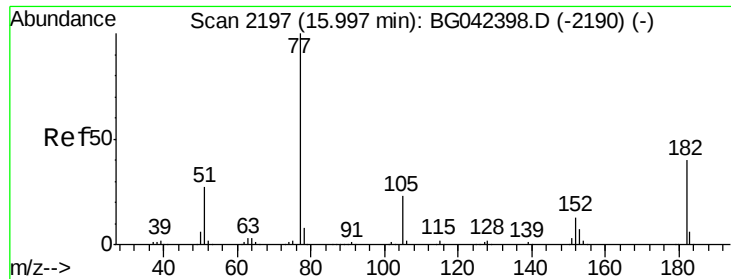
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

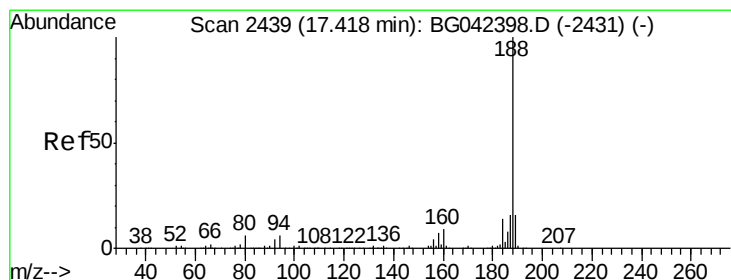
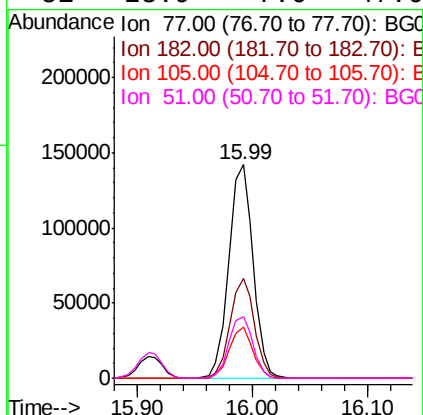
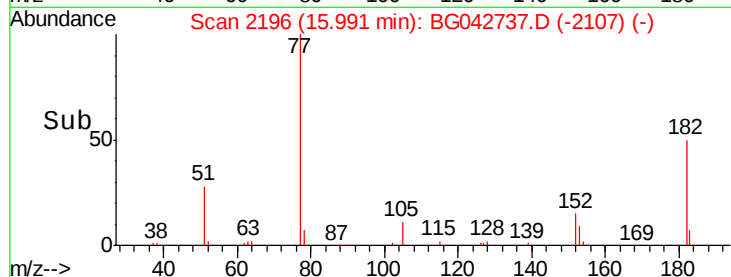
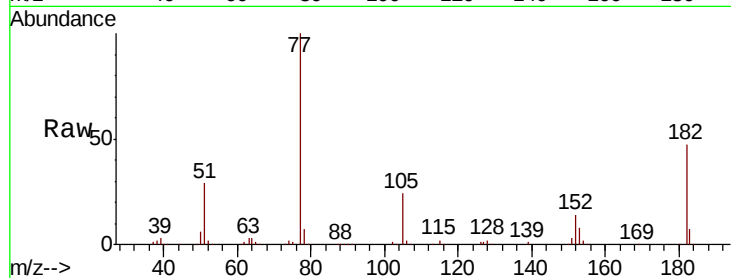




#63
Azobenzene
Concen: 35.954 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

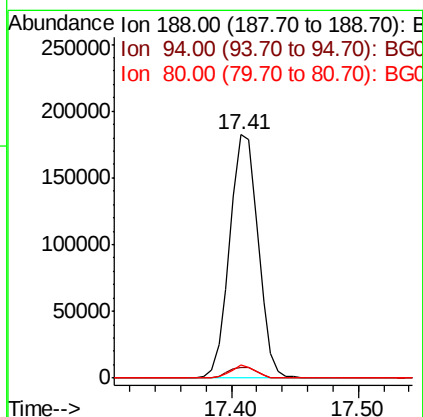
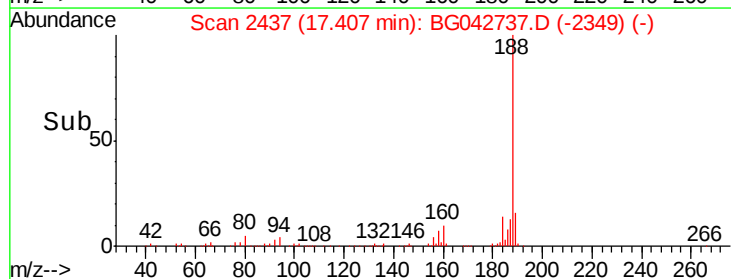
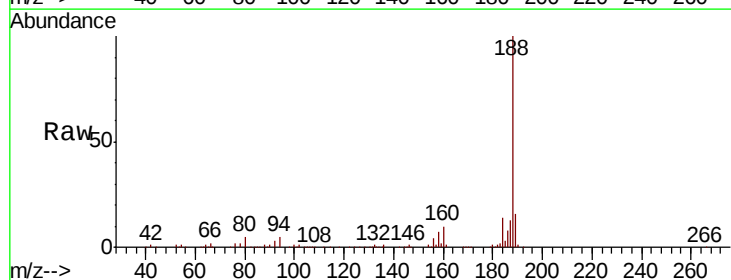
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	206827
Ion	Ratio	Lower	Upper
77	100		
182	46.8	19.9	59.9
105	24.0	2.9	42.9
51	28.9	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:	188	Resp:	282282
Ion	Ratio	Lower	Upper
188	100		
94	4.6	4.5	6.7
80	5.3	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 37.132 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

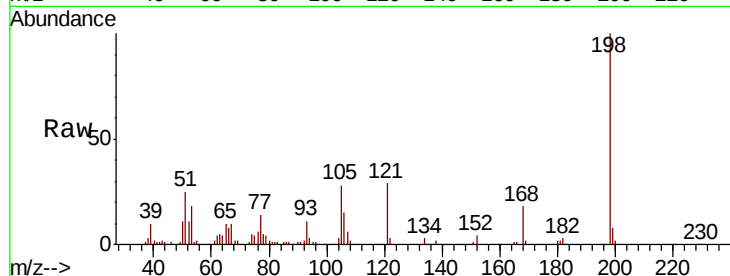
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 65715

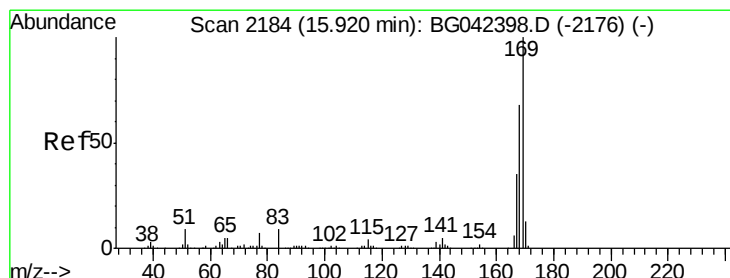
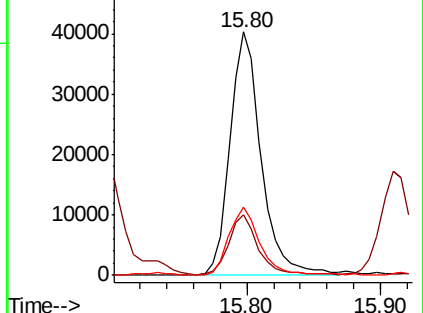
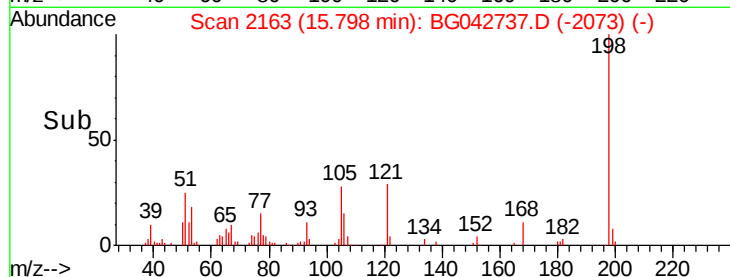
Ion	Ratio	Lower	Upper
198	100		
51	25.1	4.2	44.2
105	27.8	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.061 ng

RT: 15.91 min Scan# 2182

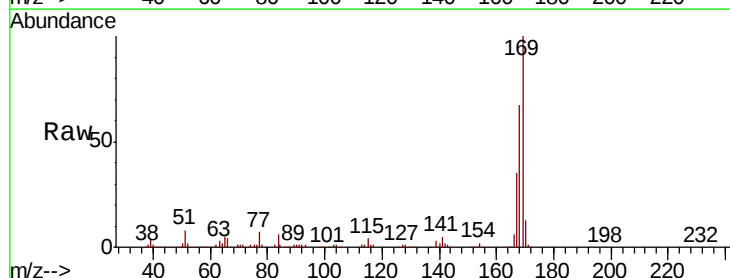
Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Tgt Ion:169 Resp: 303230

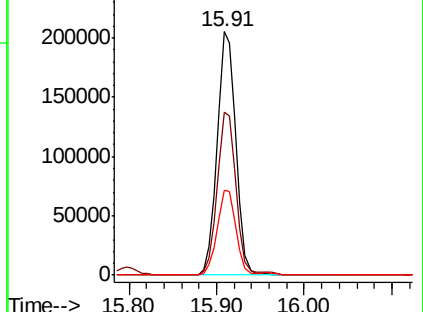
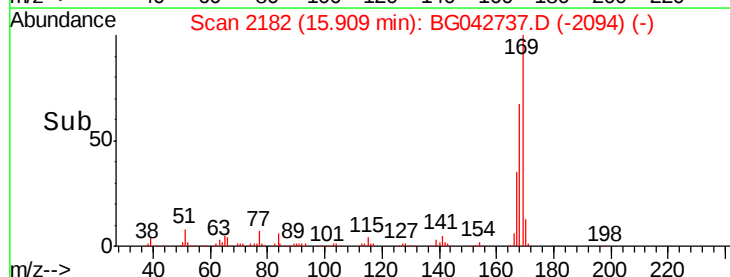
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.3	81.5
167	34.8	28.2	42.2

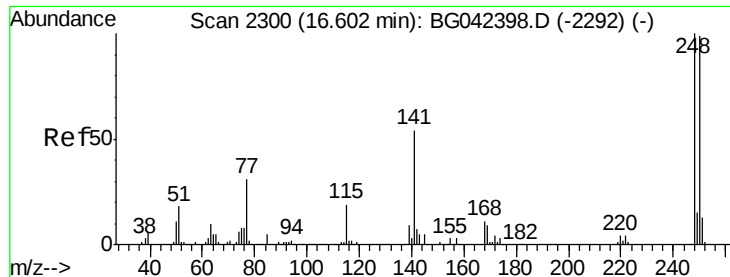


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

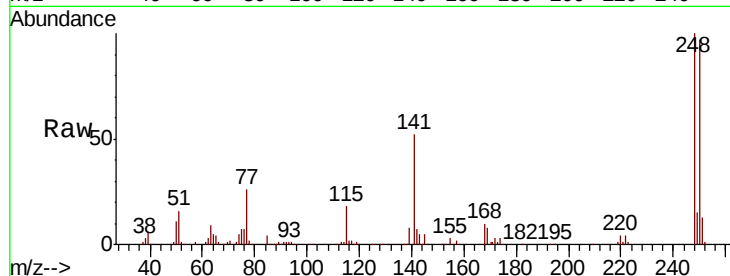




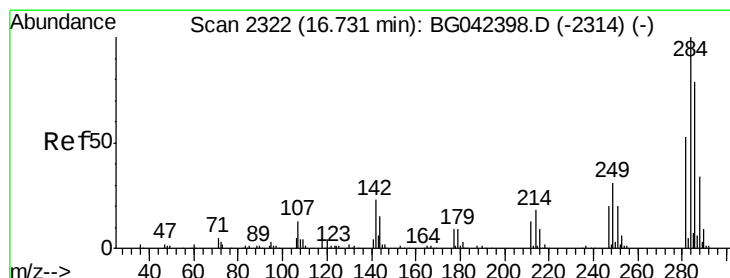
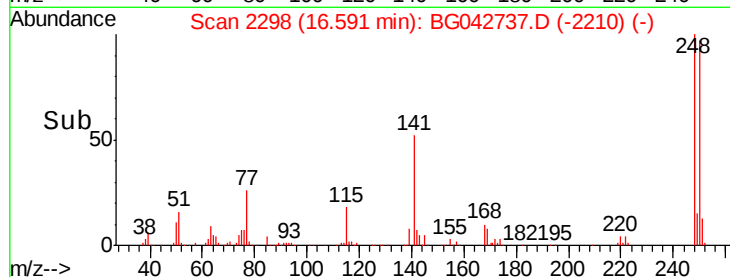
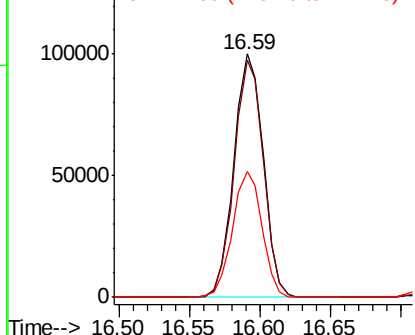
#67
 4-Bromophenyl-phenylether
 Concen: 40.614 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 145422
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.9 118.3
 141 51.8 43.3 64.9

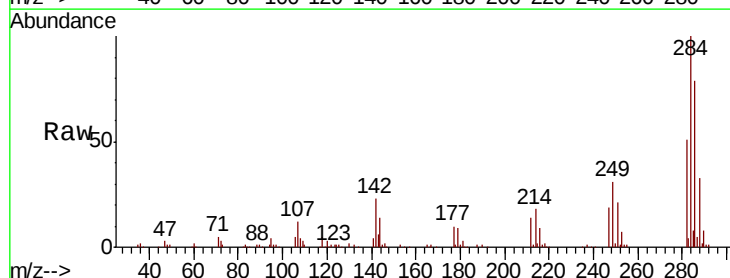


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

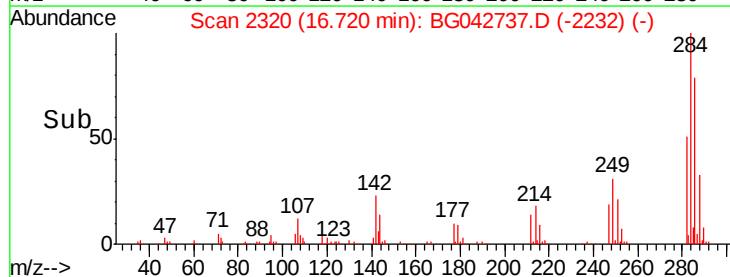
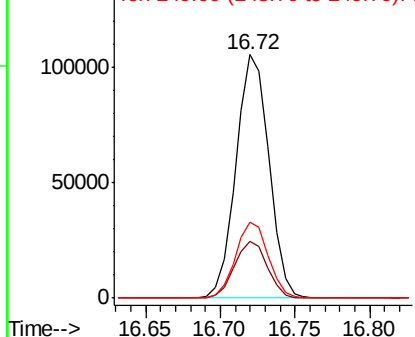


#68
 Hexachlorobenzene
 Concen: 41.534 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion:284 Resp: 161663
 Ion Ratio Lower Upper
 284 100
 142 23.4 18.2 27.4
 249 31.3 25.0 37.4



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

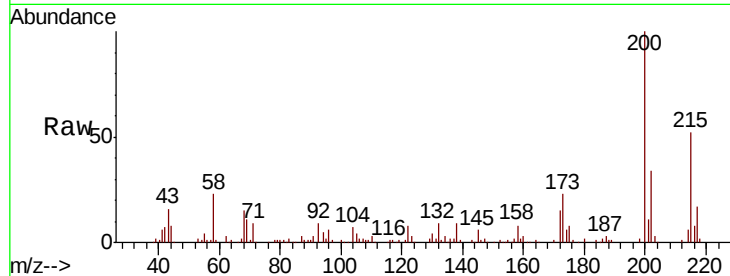




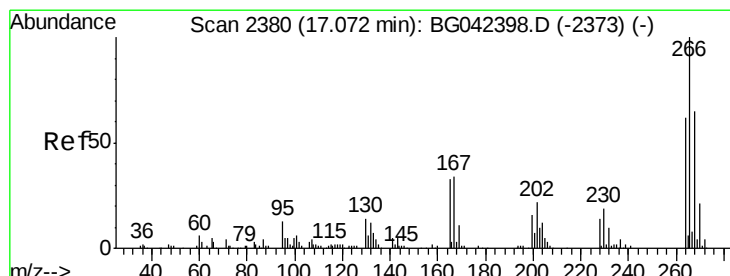
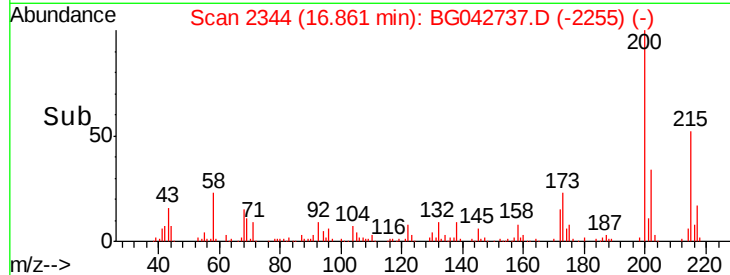
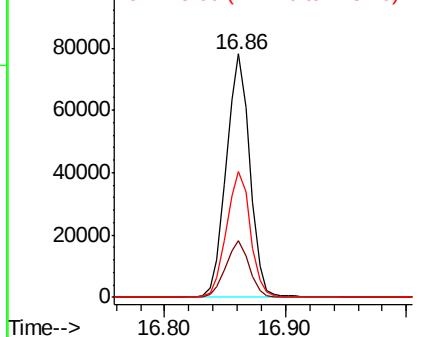
#69
 Atrazine
 Concen: 38.633 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	4.9	44.9
215	51.9	30.7	70.7

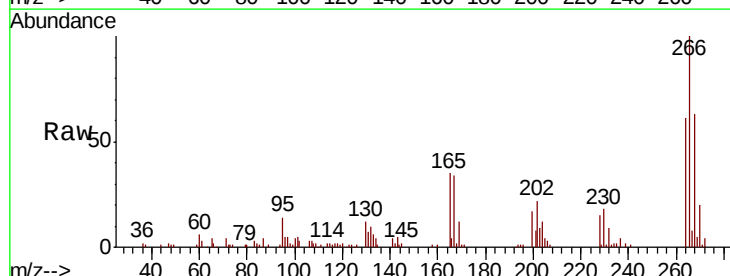


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

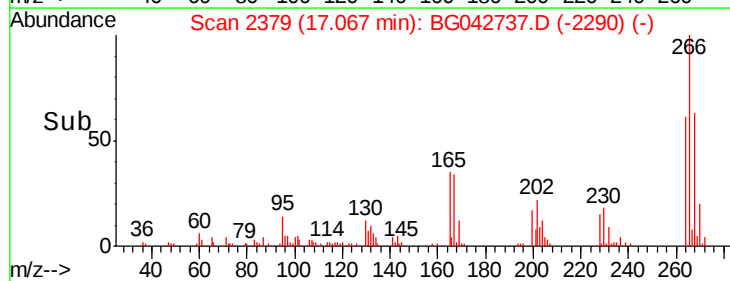
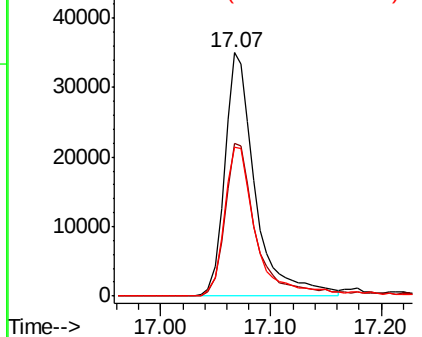


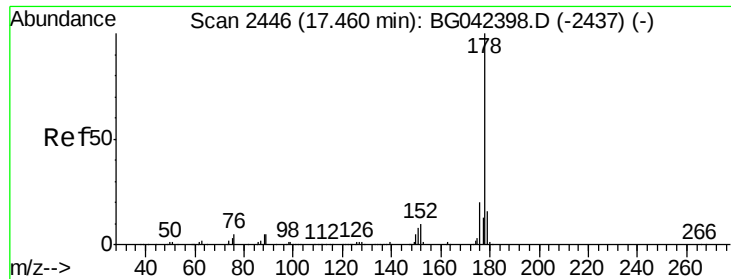
#70
 Pentachlorophenol
 Concen: 33.345 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042737.D
 Acq: 6 Sep 2019 3:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.1	78.1
264	61.3	49.4	74.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

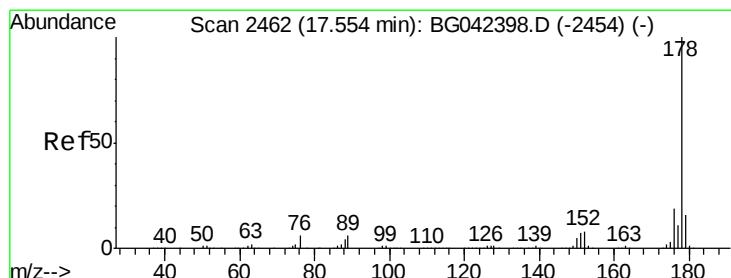
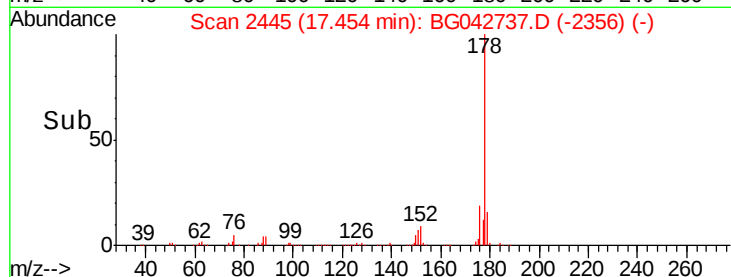
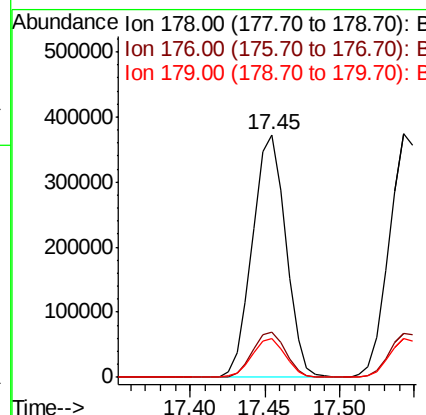
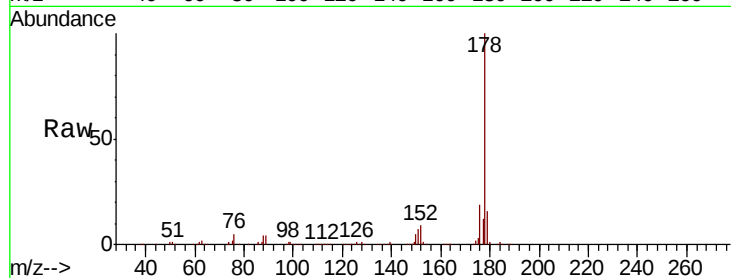




#71
Phenanthrene
Concen: 41.017 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

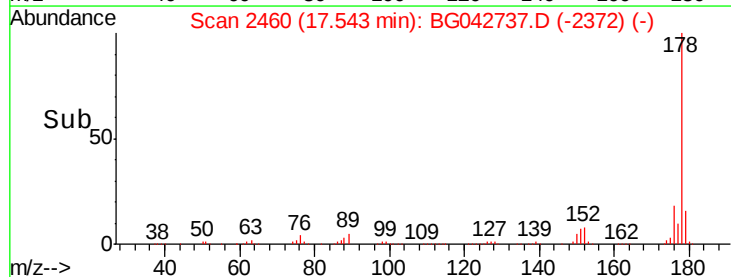
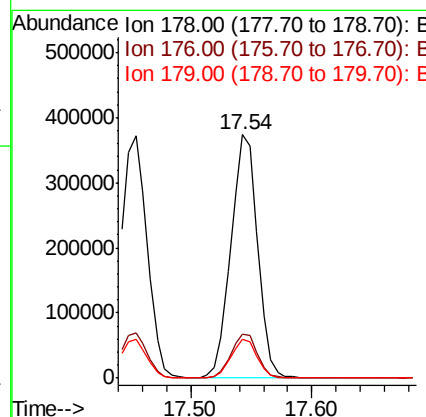
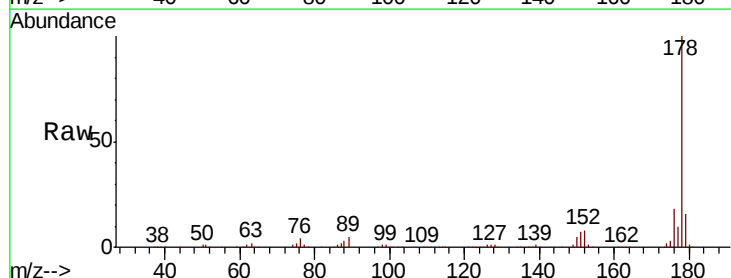
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 575114
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 40.947 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042737.D
Acq: 6 Sep 2019 3:03

Tgt Ion:178 Resp: 573153
Ion Ratio Lower Upper
178 100
176 17.9 15.5 23.3
179 15.9 12.9 19.3





#73

Carbazole

Concen: 40.893 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

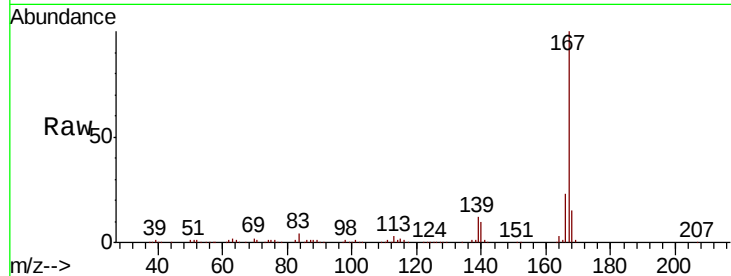
Tot Ion:167 Resp: 510153

Ion Ratio Lower Upper

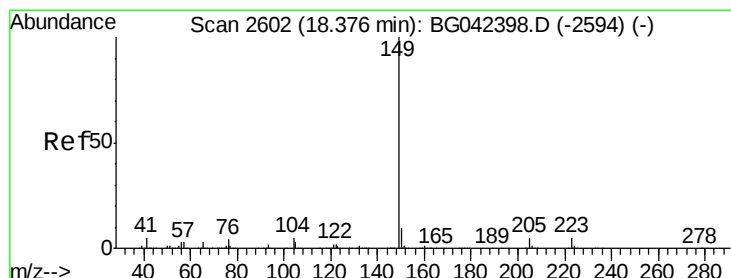
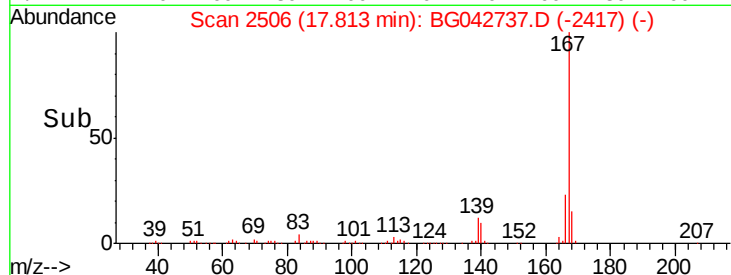
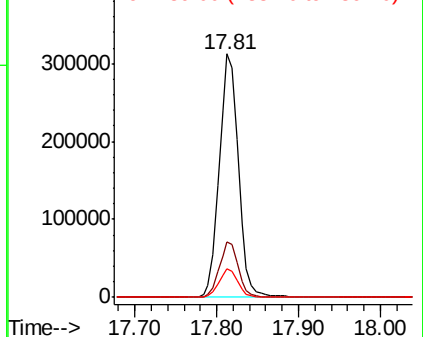
167 100

166 22.9 18.9 28.3

139 11.5 9.8 14.6



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: 40.625 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

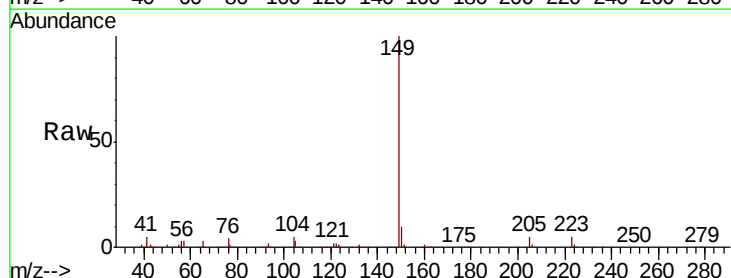
Tgt Ion:149 Resp: 599095

Ion Ratio Lower Upper

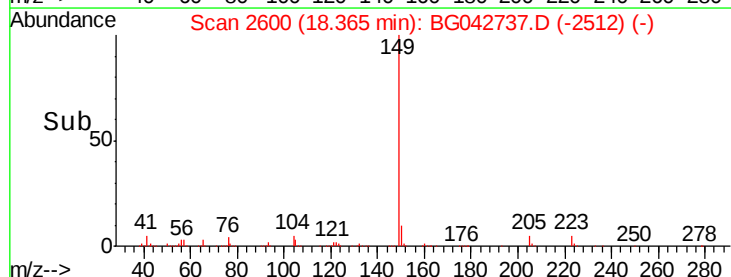
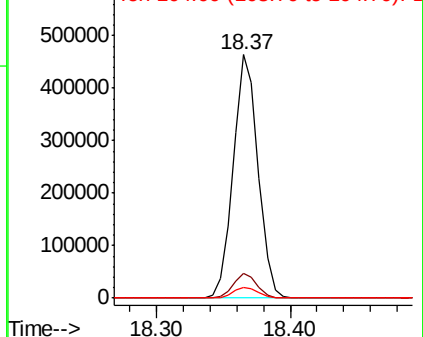
149 100

150 10.0 8.1 12.1

104 4.6 3.7 5.5



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: 44.321 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

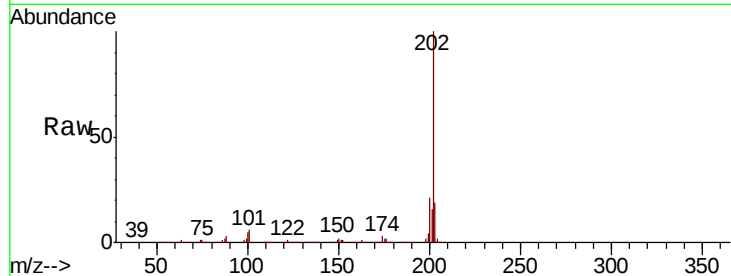
Tot Ion:202 Resp: 758425

Ion Ratio Lower Upper

202 100

101 5.9 0.0 28.3

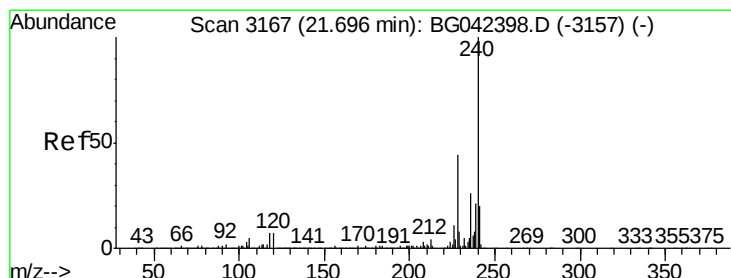
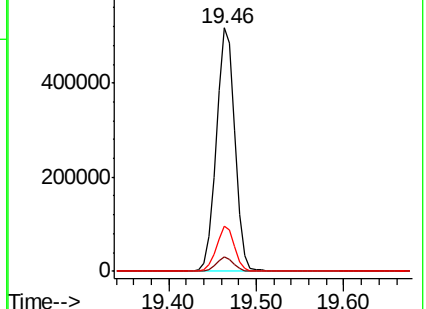
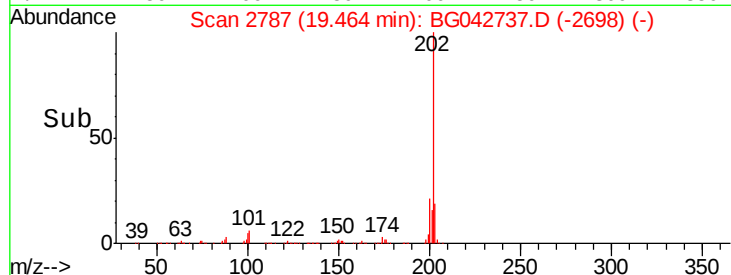
203 18.7 0.0 39.6



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

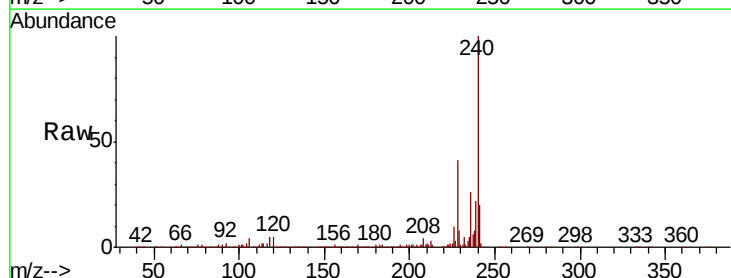
Tgt Ion:240 Resp: 317184

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

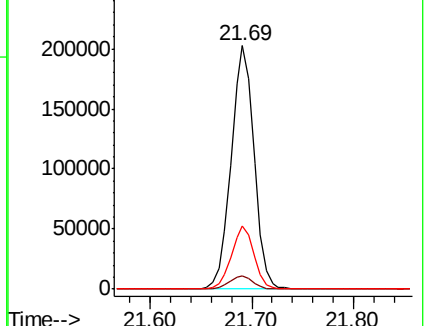
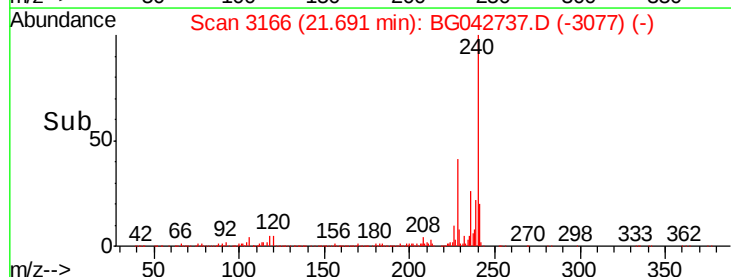
236 25.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.986 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

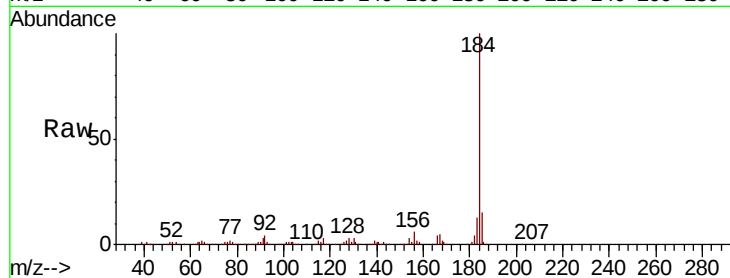
Tot Ion:184 Resp: 363629

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

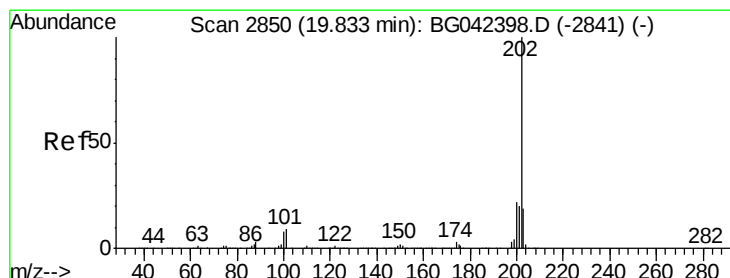
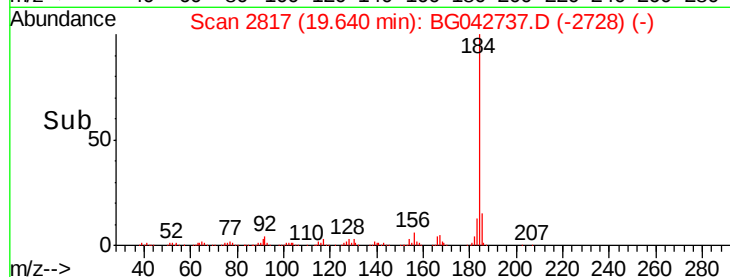
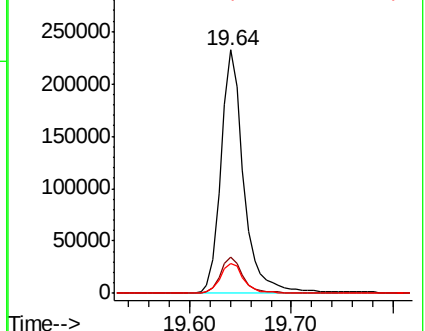
183 12.5 10.8 16.2



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: 39.511 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

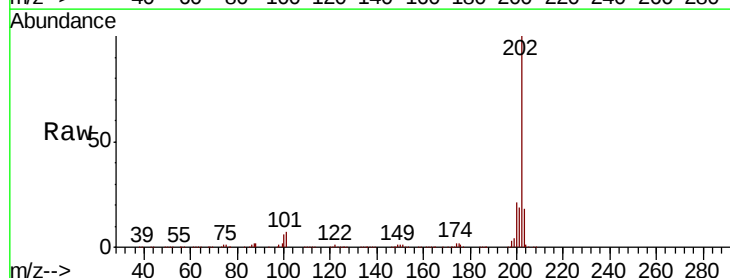
Tgt Ion:202 Resp: 768352

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

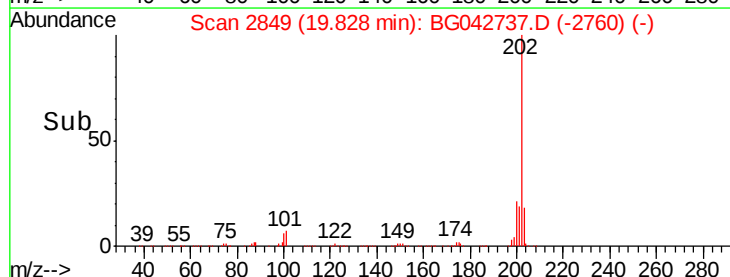
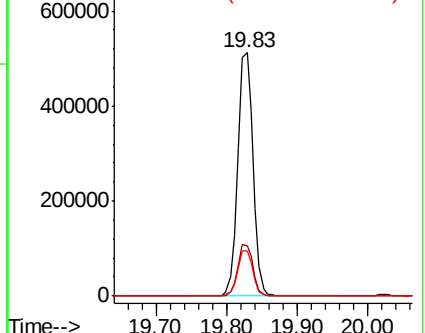
203 18.3 15.5 23.3



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: 80.397 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampled :

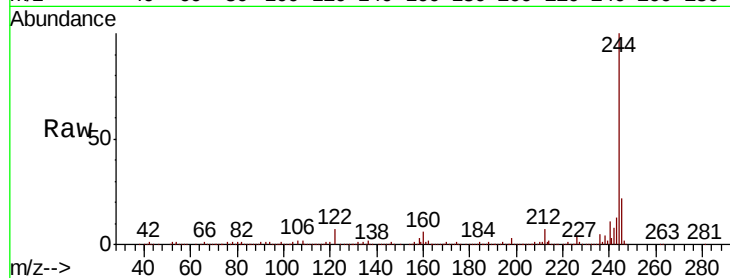
Tot Ion:244 Resp: 1179535

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

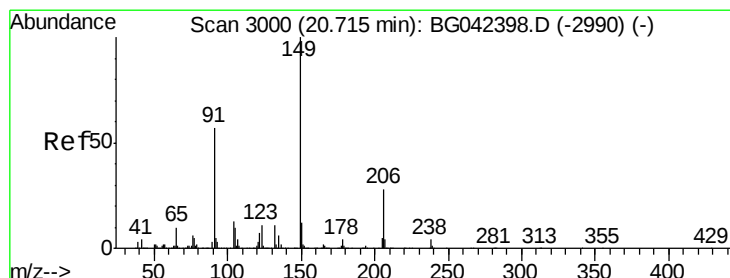
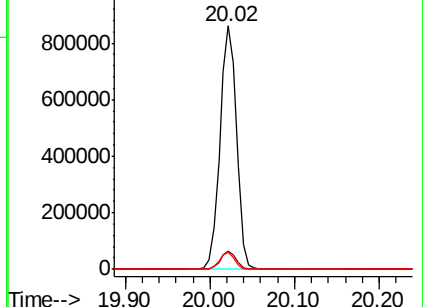
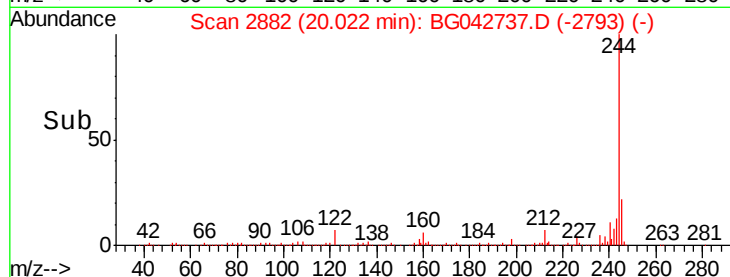
122 6.9 6.7 10.1



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: 38.075 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

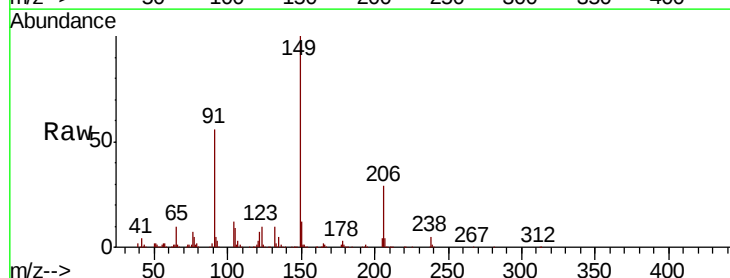
Tgt Ion:149 Resp: 291224

Ion Ratio Lower Upper

149 100

91 55.9 45.9 68.9

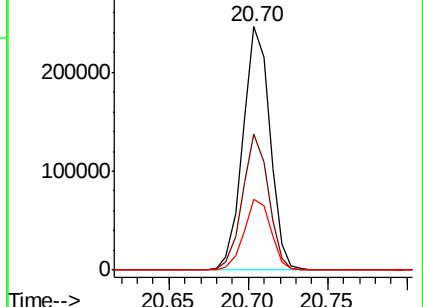
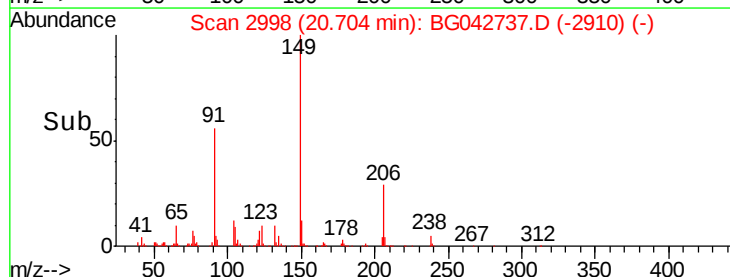
206 29.0 22.5 33.7

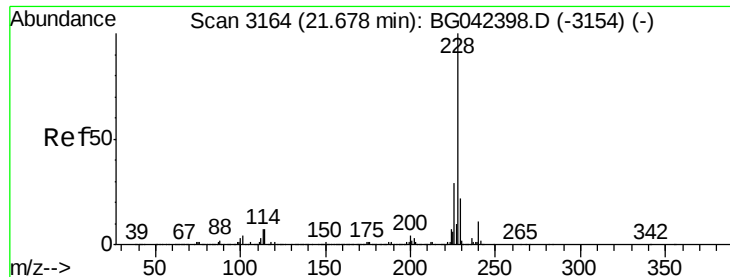


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.030 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

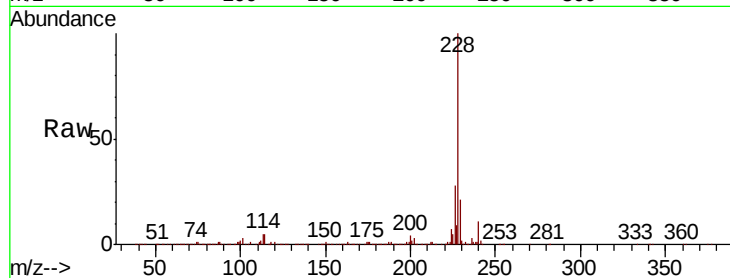
Tot Ion:228 Resp: 791668

Ion Ratio Lower Upper

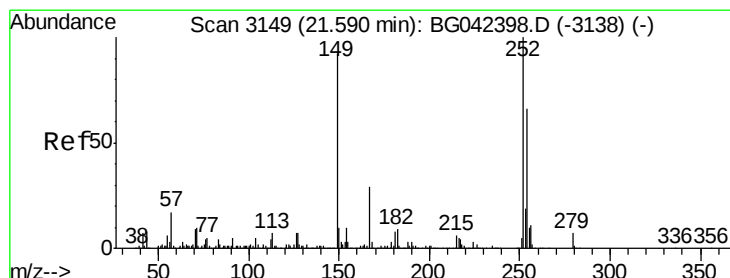
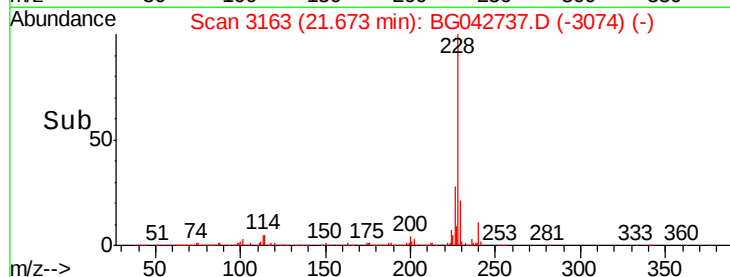
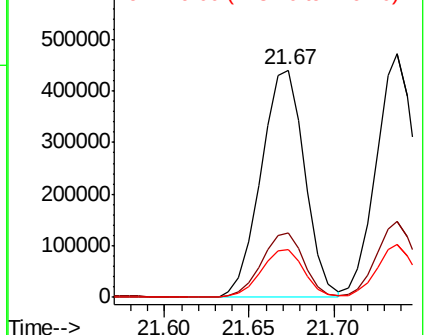
228 100

226 28.2 23.4 35.2

229 20.8 17.4 26.2



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: 40.017 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

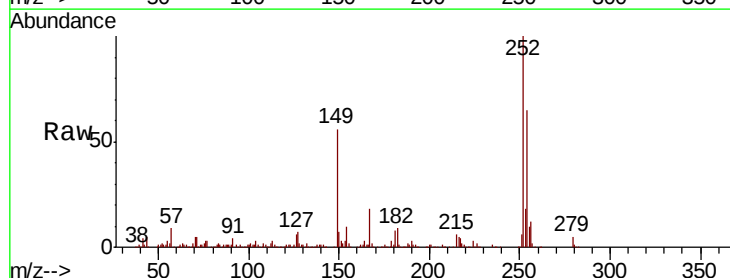
Tgt Ion:252 Resp: 310534

Ion Ratio Lower Upper

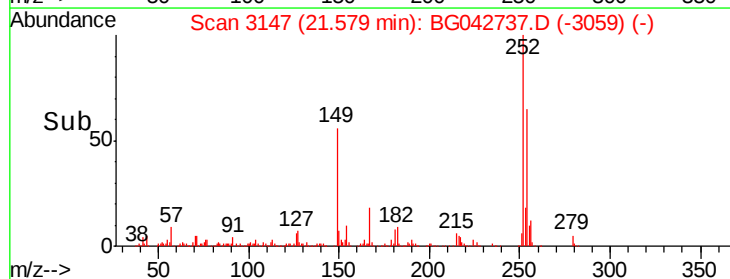
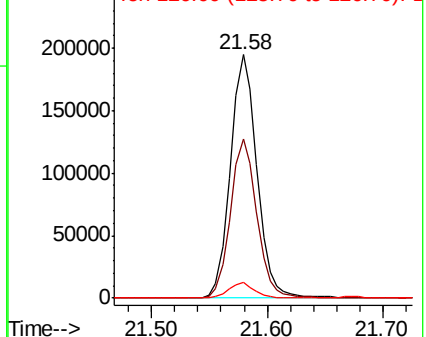
252 100

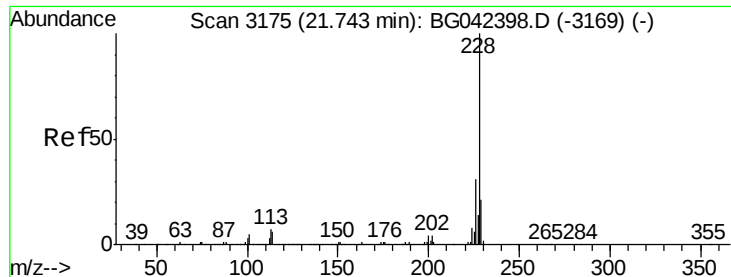
254 65.4 53.0 79.4

126 6.2 5.7 8.5



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: 41.069 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

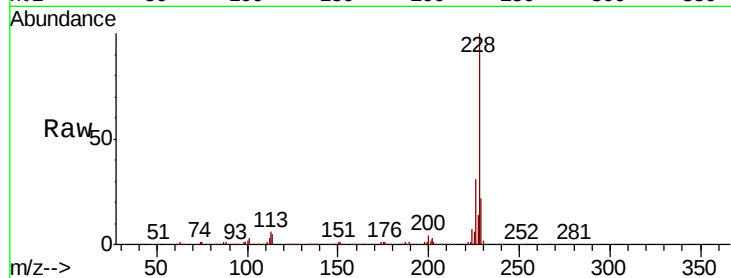
Tot Ion:228 Resp: 764219

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.5	16.9	25.3

228 100

226 31.2 24.9 37.3

229 21.5 16.9 25.3

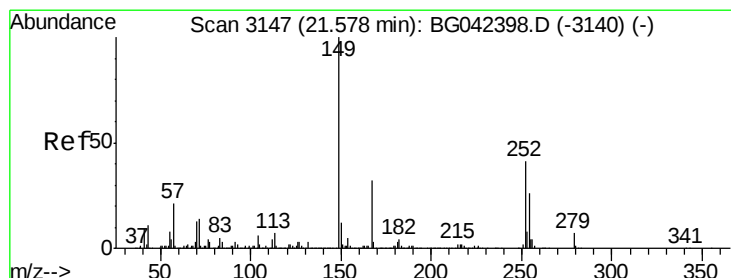
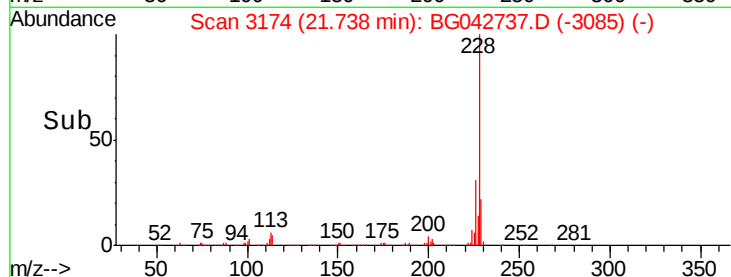
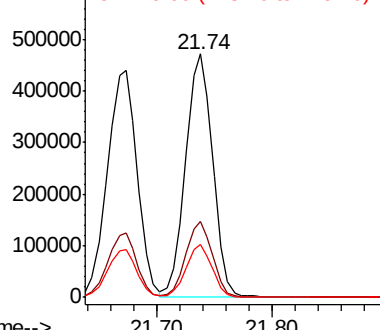


Abundance

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: 38.704 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

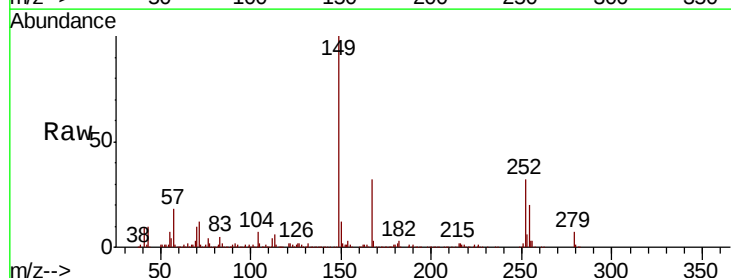
Tgt Ion:149 Resp: 411025

Ion	Ratio	Lower	Upper
149	100		
167	31.9	26.0	39.0
279	7.4	5.4	8.0

149 100

167 31.9 26.0 39.0

279 7.4 5.4 8.0

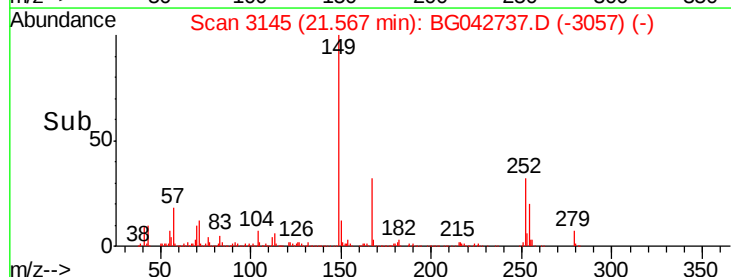
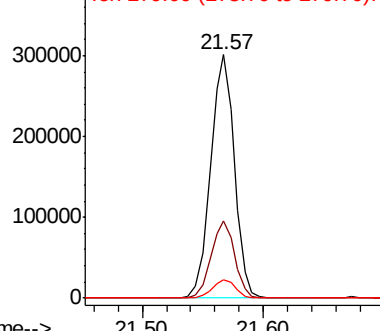


Abundance

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: 38.769 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

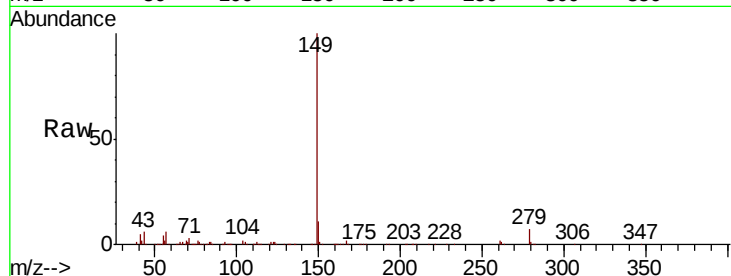
Tot Ion:149 Resp: 708130

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

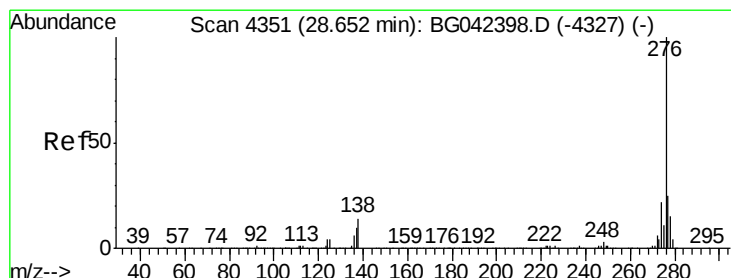
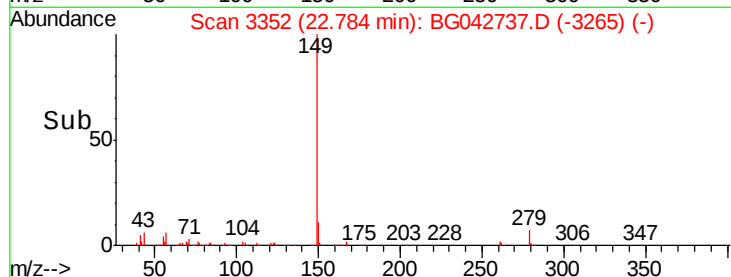
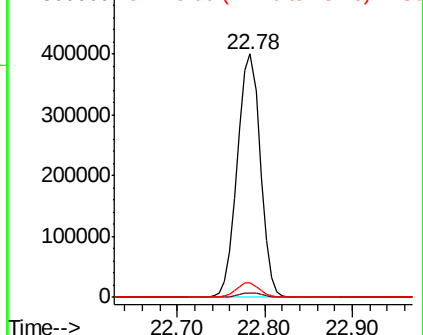
43 6.1 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.352 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

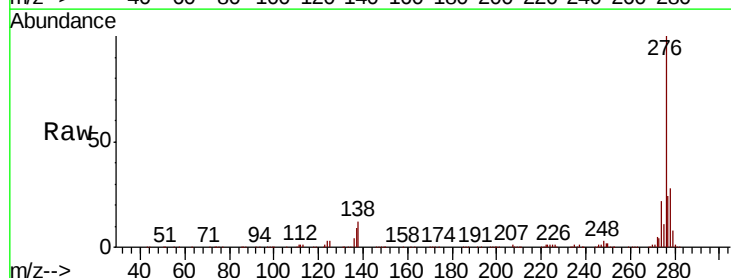
Tgt Ion:276 Resp: 1020424

Ion Ratio Lower Upper

276 100

138 9.3 9.2 13.8

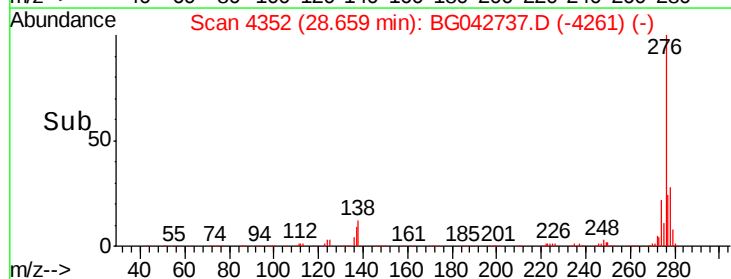
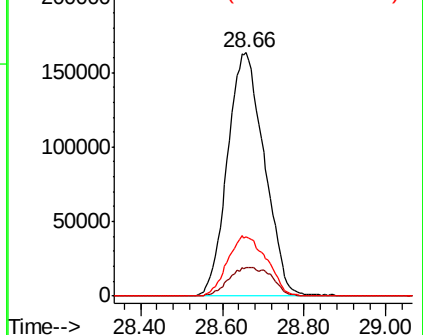
277 26.3 21.0 31.6



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

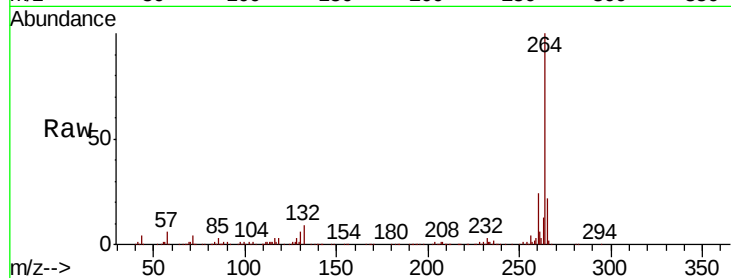
Tot Ion:264 Resp: 387343

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

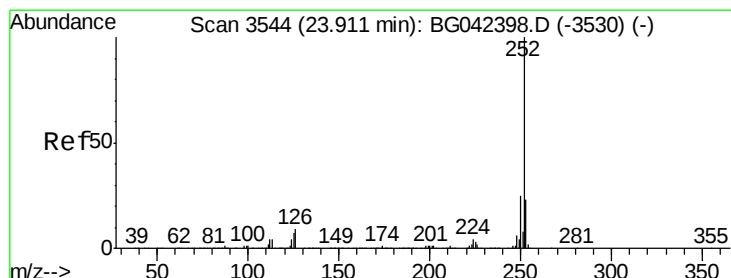
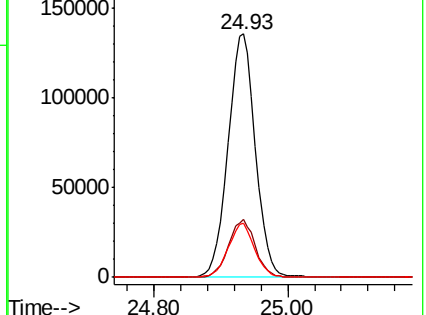
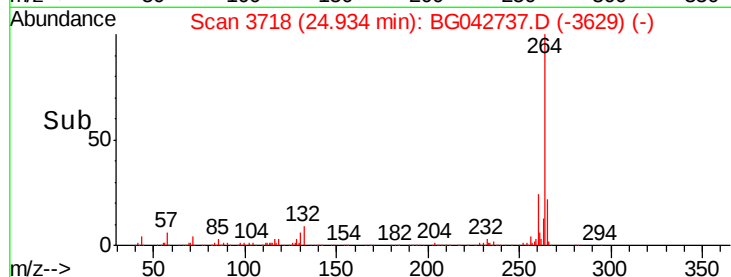
265 22.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.547 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

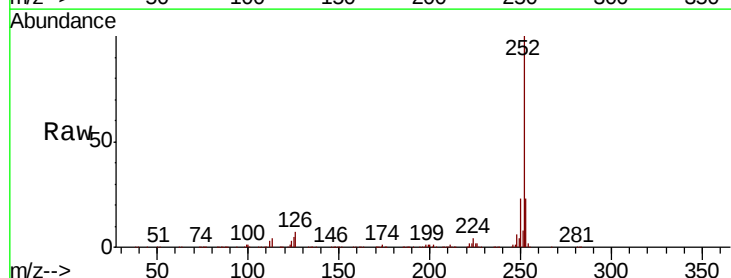
Tgt Ion:252 Resp: 884731

Ion Ratio Lower Upper

252 100

253 22.7 18.6 27.8

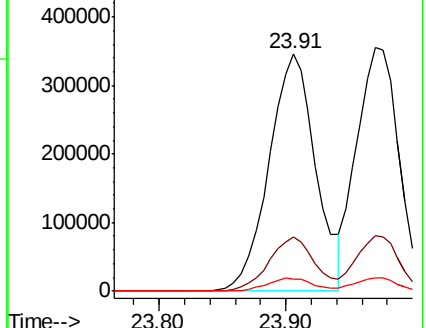
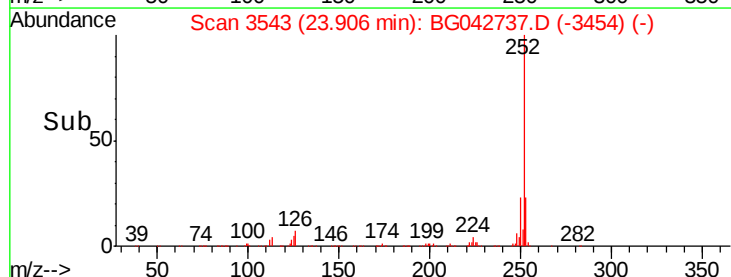
125 5.3 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.269 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

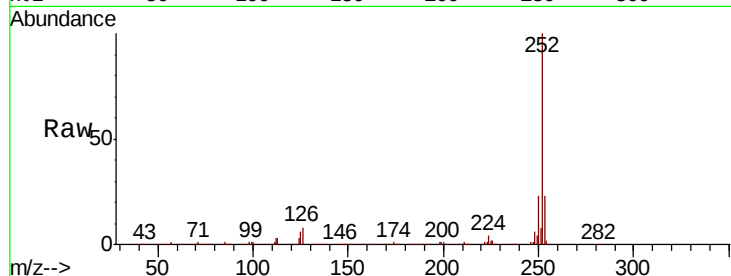
Tot Ion:252 Resp: 824251

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

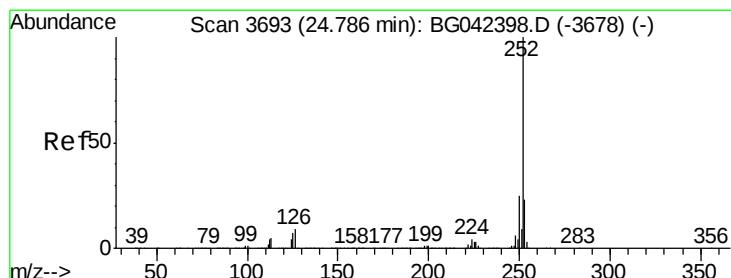
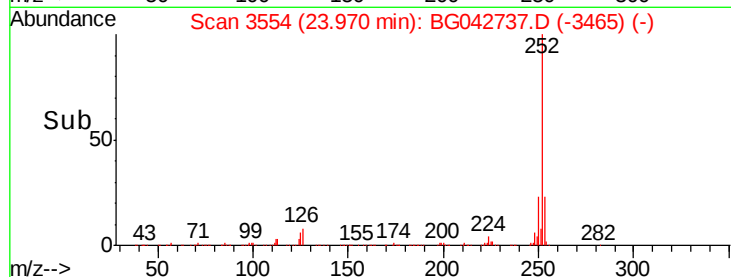
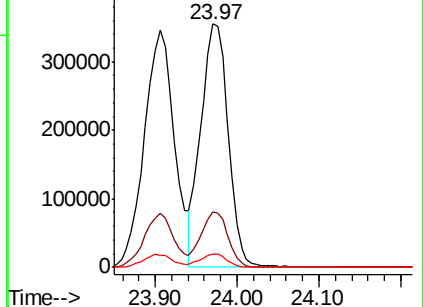
125 5.5 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.913 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

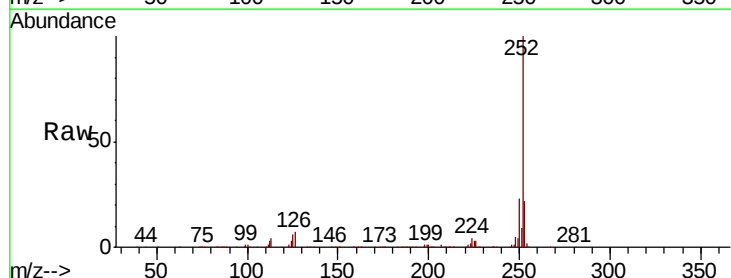
Tgt Ion:252 Resp: 826729

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

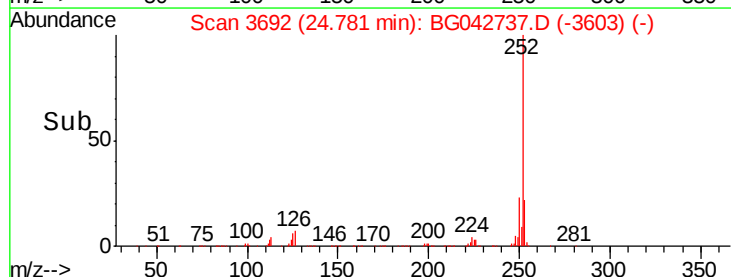
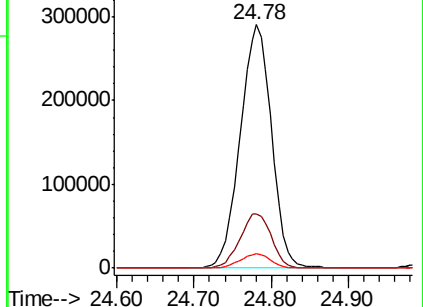
125 6.0 6.0 9.0#

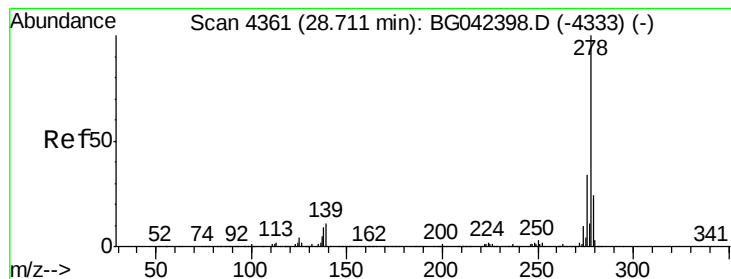


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.543 ng

RT: 28.71 min Scan# 4361

Delta R.T. 0.00 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

Instrument :

BNA_G

ClientSampleId :

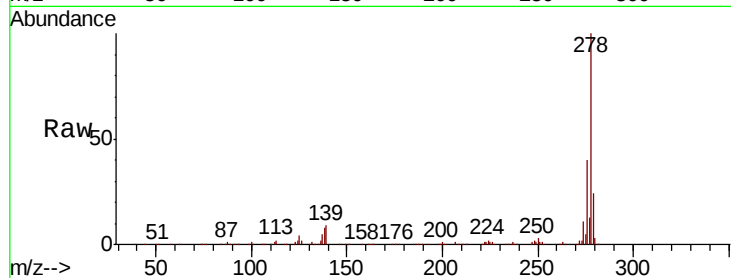
Tot Ion:278 Resp: 829492

Ion Ratio Lower Upper

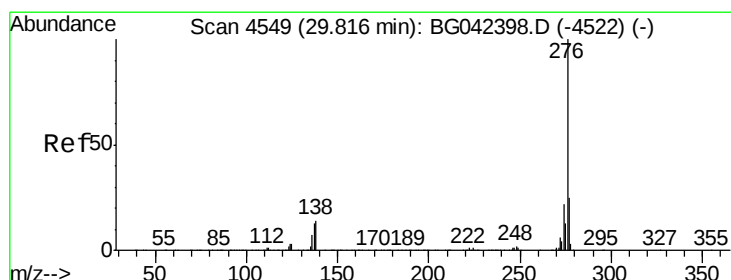
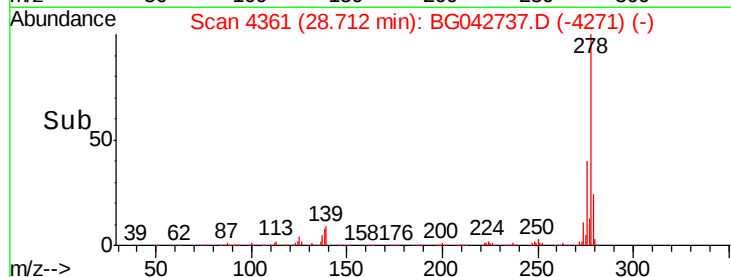
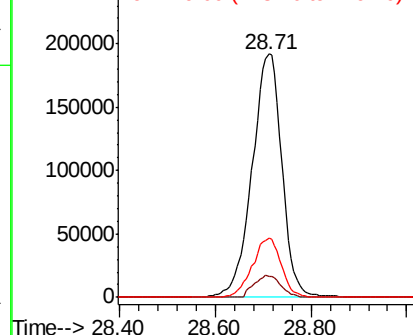
278 100

139 8.7 8.8 13.2#

279 24.1 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 40.440 ng

RT: 29.82 min Scan# 4549

Delta R.T. 0.00 min

Lab File: BG042737.D

Acq: 6 Sep 2019 3:03

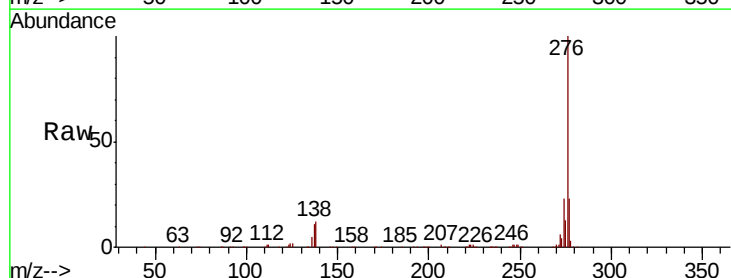
Tgt Ion:276 Resp: 827517

Ion Ratio Lower Upper

276 100

277 23.3 19.8 29.8

138 11.7 11.4 17.0



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

