

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041225.D
 Acq On : 13 Jun 2019 10:51
 Operator : HP/JU
 Sample : PB120547BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 17:17:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	36129	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	143104	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	104722	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	262605	20.00	ng	0.00
76) Chrysene-d12	21.77	240	264951	20.00	ng	0.01
87) Perylene-d12	25.12	264	237629	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	275548	137.53	ng	0.00
7) Phenol-d6	7.26	99	395677	127.87	ng	0.01
23) Nitrobenzene-d5	9.28	82	272271	84.46	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	210609	135.47	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	647773	89.08	ng	0.00
79) Terphenyl-d14	20.08	244	1126746	90.26	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	33464	36.807	ng	# 91
3) Pyridine	3.90	79	93447	34.735	ng	98
4) n-Nitrosodimethylamine	3.82	42	56852	45.533	ng	# 79
6) Aniline	7.42	93	99517	24.094	ng	97
8) 2-Chlorophenol	7.66	128	112789	47.219	ng	93
9) Benzaldehyde	7.24	77	26798	14.518	ng	86
10) Phenol	7.28	94	151620	45.700	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	100538	41.771	ng	98
12) 1,3-Dichlorobenzene	7.99	146	117657	41.241	ng	95
13) 1,4-Dichlorobenzene	8.13	146	122931	42.569	ng	98
14) 1,2-Dichlorobenzene	8.46	146	115281	41.115	ng	96
15) Benzyl Alcohol	8.35	79	121350	42.395	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	152542	38.786	ng	96
17) 2-Methylphenol	8.54	107	104308	43.422	ng	95
18) Hexachloroethane	9.19	117	45993	41.323	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	95226	39.990	ng	98
20) 3+4-Methylphenols	8.87	107	145743	43.799	ng	98
22) Acetophenone	8.93	105	181328	45.170	ng	# 98
24) Nitrobenzene	9.33	77	152660	46.471	ng	98
25) Isophorone	9.84	82	267604	43.622	ng	99
26) 2-Nitrophenol	10.04	139	68081	50.272	ng	91
27) 2,4-Dimethylphenol	10.08	122	116237	51.969	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	141343	42.689	ng	98
29) 2,4-Dichlorophenol	10.57	162	133276	46.924	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	147175	45.550	ng	97
31) Naphthalene	10.98	128	356463	46.394	ng	99
32) Benzoic acid	10.23	122	62355	37.911	ng	# 87
33) 4-Chloroaniline	11.09	127	86934	24.385	ng	97
34) Hexachlorobutadiene	11.24	225	104880	42.423	ng	97
35) Caprolactam	11.88	113	28378	30.256	ng	99
36) 4-Chloro-3-methylphenol	12.20	107	148318	45.724	ng	99
37) 2-Methylnaphthalene	12.57	142	274894	46.454	ng	98
38) 1-Methylnaphthalene	12.79	142	258159	46.295	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	204428	48.433	ng	99

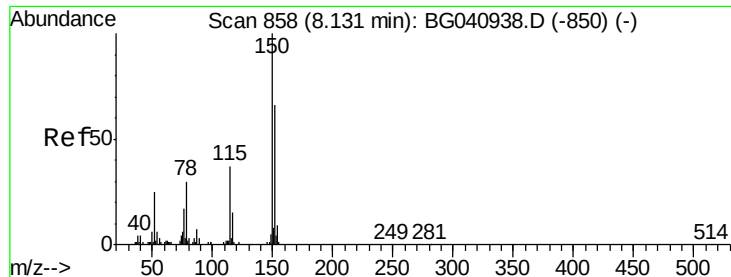
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041225.D
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Quant Time: Jun 13 17:17:15 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	207008	90.080	ng	94
43) 2,4,6-Trichlorophenol	13.17	196	131876	48.297	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	134248	46.618	ng	98
46) 1,1'-Biphenyl	13.57	154	369190	47.627	ng	99
47) 2-Chloronaphthalene	13.62	162	310501	46.659	ng	98
48) 2-Nitroaniline	13.83	65	107001	44.820	ng	95
49) Acenaphthylene	14.47	152	472653	47.191	ng	99
50) Dimethylphthalate	14.19	163	395729	44.641	ng	100
51) 2,6-Dinitrotoluene	14.32	165	91335	47.786	ng	94
52) Acenaphthene	14.80	154	277125	45.674	ng	94
53) 3-Nitroaniline	14.66	138	66539	34.814	ng	# 99
54) 2,4-Dinitrophenol	14.86	184	86797	84.882	ng	92
55) Dibenzofuran	15.13	168	481419	47.154	ng	99
56) 4-Nitrophenol	14.96	139	122677	93.579	ng	94
57) 2,4-Dinitrotoluene	15.10	165	127611	47.265	ng	# 95
58) Fluorene	15.78	166	373124	45.891	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	139100	49.151	ng	99
60) Diethylphthalate	15.54	149	401729	44.406	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	244530	46.270	ng	97
62) 4-Nitroaniline	15.82	138	85594	42.302	ng	94
63) Azobenzene	16.06	77	369774	44.971	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	69857	49.349	ng	94
66) n-Nitrosodiphenylamine	15.99	169	340912	46.181	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	155441	43.861	ng	98
68) Hexachlorobenzene	16.78	284	162027	42.935	ng	99
69) Atrazine	16.93	200	141447	49.658	ng	96
70) Pentachlorophenol	17.13	266	178275	87.750	ng	94
71) Phenanthrene	17.53	178	632936	46.272	ng	99
72) Anthracene	17.62	178	642464	47.622	ng	99
73) Carbazole	17.89	167	556651	48.088	ng	98
74) Di-n-butylphthalate	18.42	149	655766	45.580	ng	99
75) Fluoranthene	19.53	202	811088	48.006	ng	100
77) Benzidine	19.71	184	241800	38.257	ng	97
78) Pyrene	19.90	202	820137	47.617	ng	98
80) Butylbenzylphthalate	20.76	149	305532	45.584	ng	98
81) Benzo(a)anthracene	21.75	228	791744	44.892	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	178664	28.802	ng	96
83) Chrysene	21.82	228	778586	46.131	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	421591	44.682	ng	96
85) Di-n-octyl phthalate	22.86	149	720940	45.878	ng	100
86) Indeno(1,2,3-cd)pyrene	28.98	276	646476	31.269	ng	98
88) Benzo(b)fluoranthene	24.04	252	738513	51.239	ng	98
89) Benzo(k)fluoranthene	24.12	252	794108	55.677	ng	98
90) Benzo(a)pyrene	24.96	252	749000	54.469	ng	94
91) Dibenzo(a,h)anthracene	29.03	278	496375	36.126	ng	100
92) Benzo(g,h,i)perylene	30.20	276	465529	34.874	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

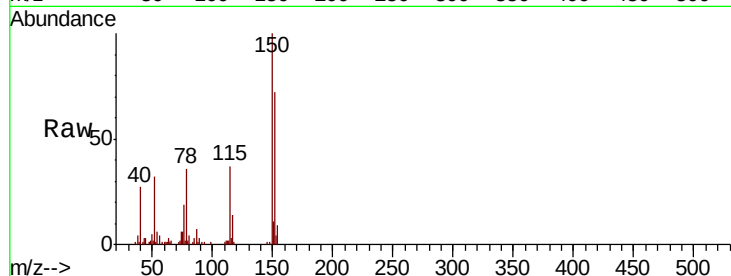
Tot Ion:152 Resp: 36129

Ion Ratio Lower Upper

152 100

150 138.1 120.6 180.8

115 50.7 45.1 67.7

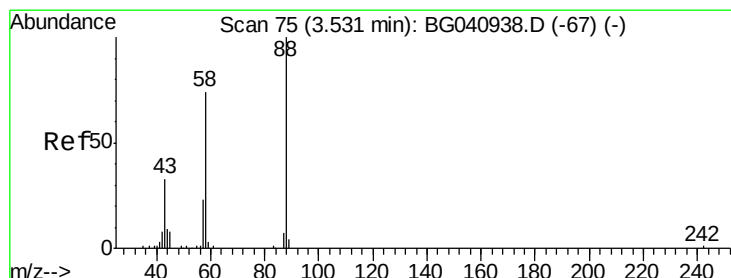
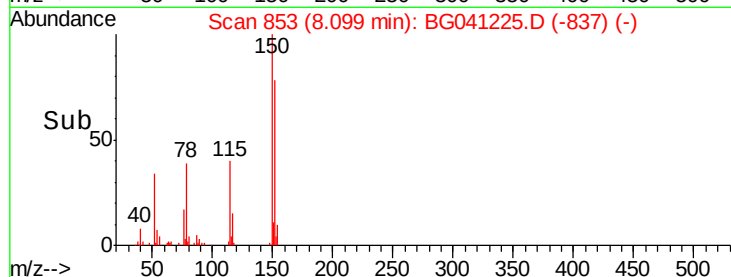
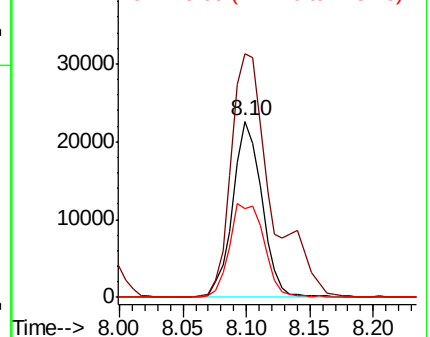


Abundance

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: 36.807 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

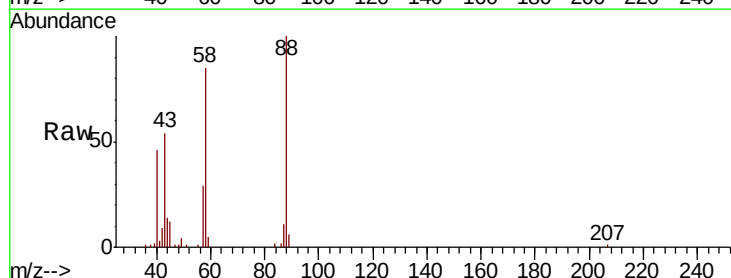
Tgt Ion: 88 Resp: 33464

Ion Ratio Lower Upper

88 100

58 76.9 59.0 88.6

43 44.9 27.2 40.8#

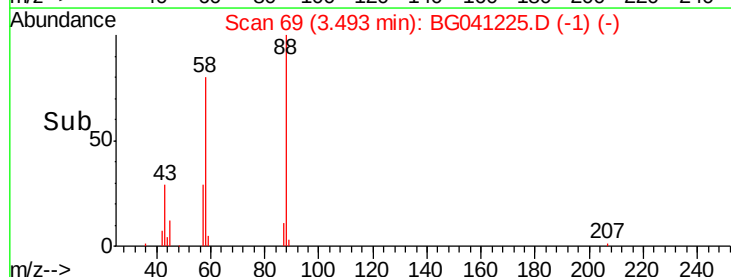
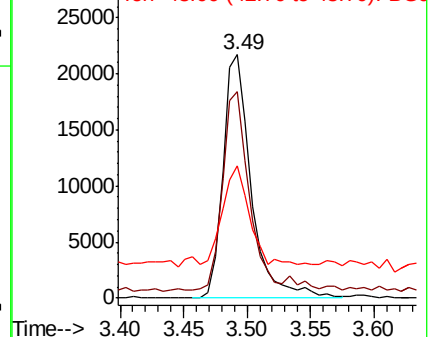


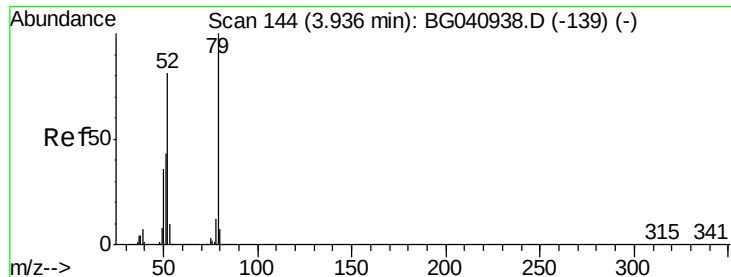
Abundance

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: 34.735 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

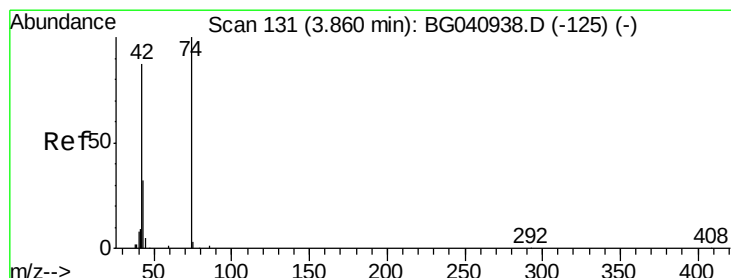
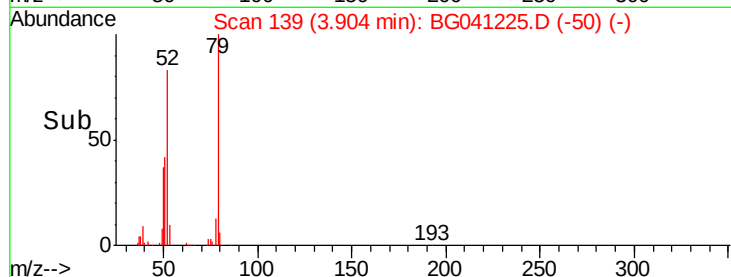
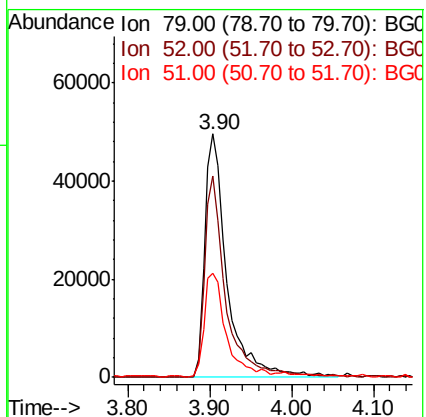
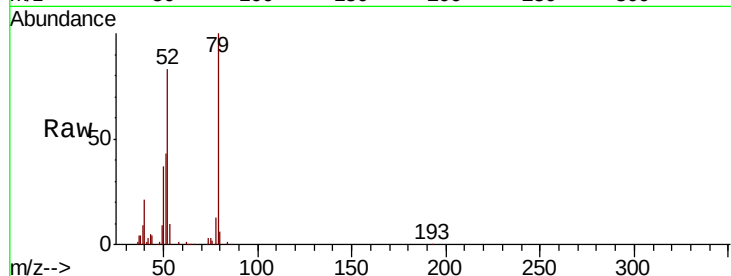
Tot Ion: 79 Resp: 93447

Ion Ratio Lower Upper

79 100

52 82.6 64.8 97.2

51 42.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 45.533 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

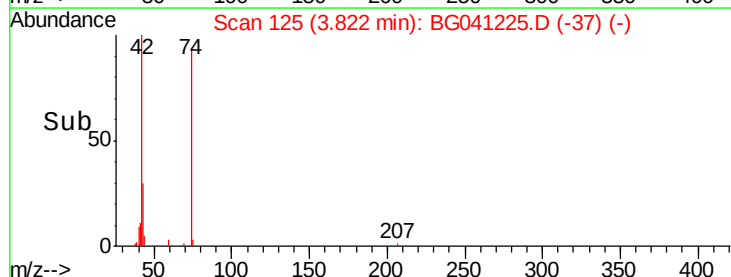
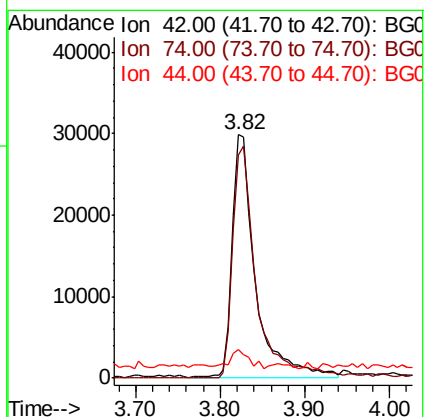
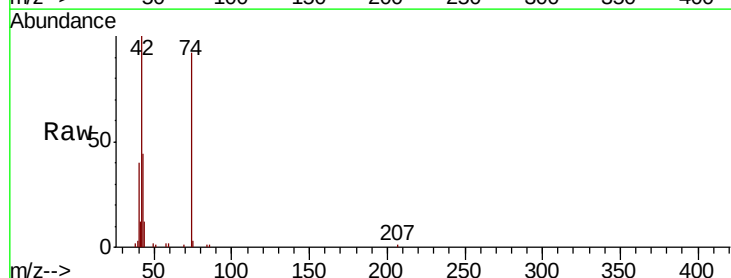
Tgt Ion: 42 Resp: 56852

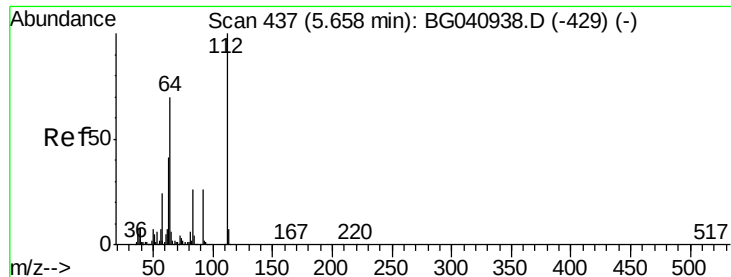
Ion Ratio Lower Upper

42 100

74 91.6 91.8 137.6#

44 11.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 137.527 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

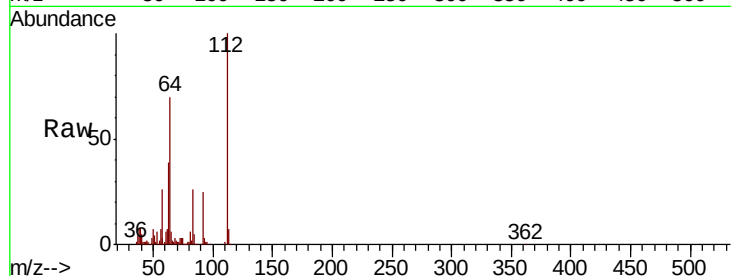
Tot Ion:112 Resp: 275548

Ion Ratio Lower Upper

112 100

64 70.3 56.2 84.2

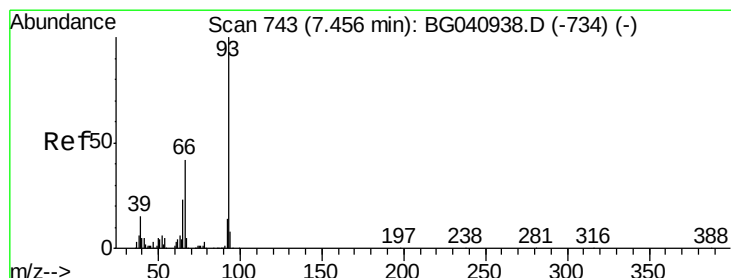
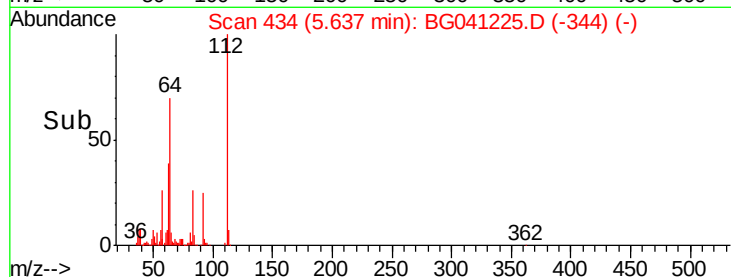
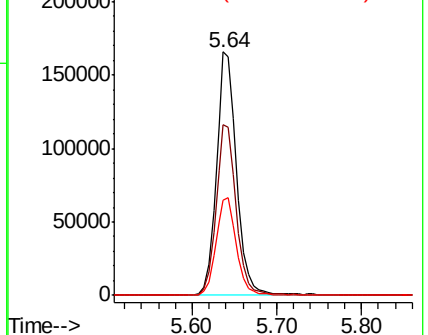
63 38.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.094 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

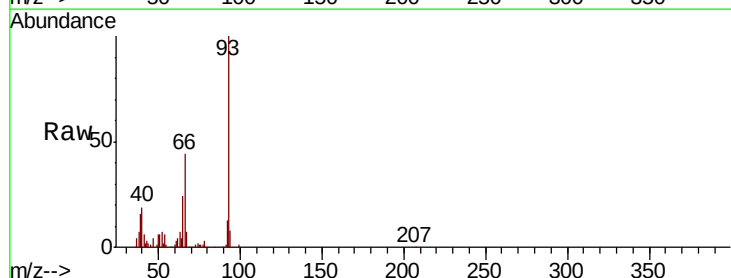
Tgt Ion: 93 Resp: 99517

Ion Ratio Lower Upper

93 100

66 44.4 33.8 50.8

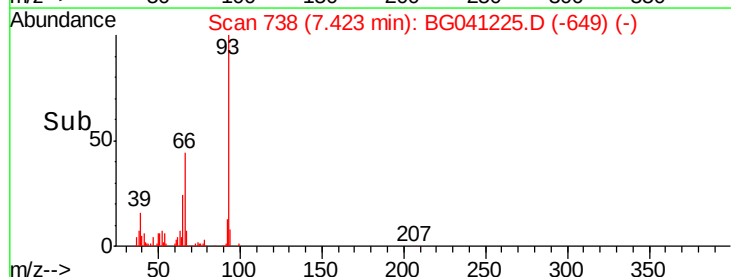
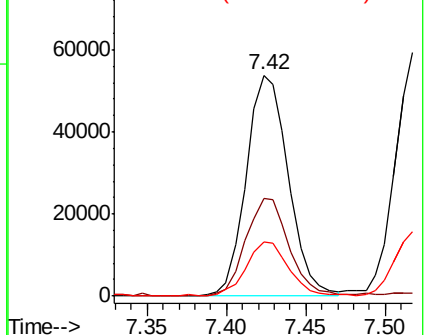
65 24.5 18.3 27.5

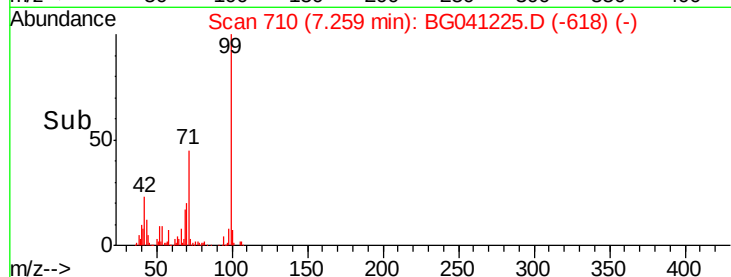
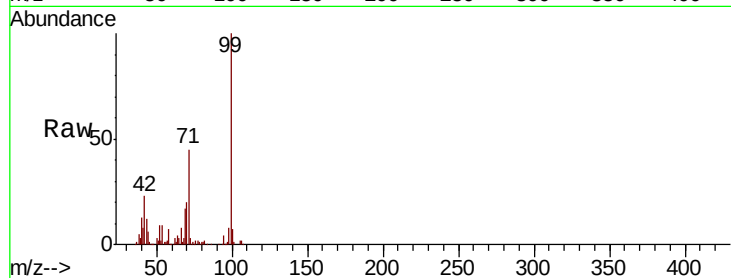
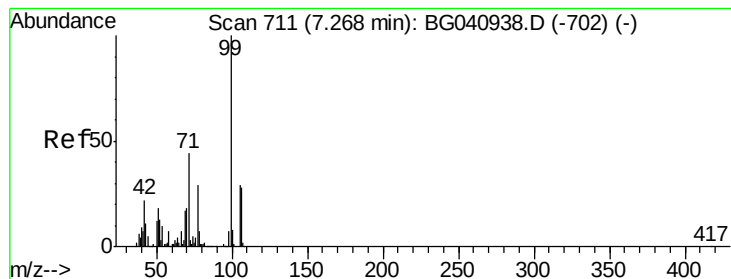


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.871 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

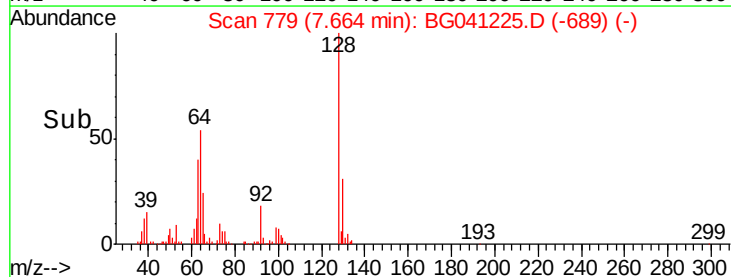
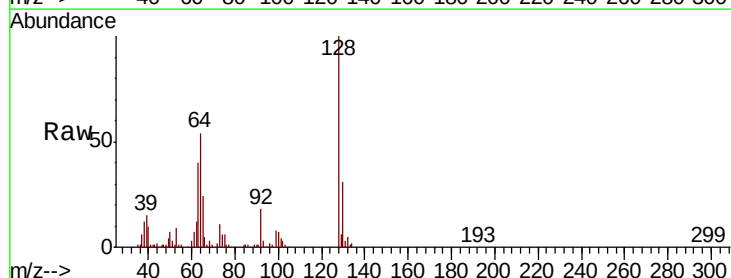
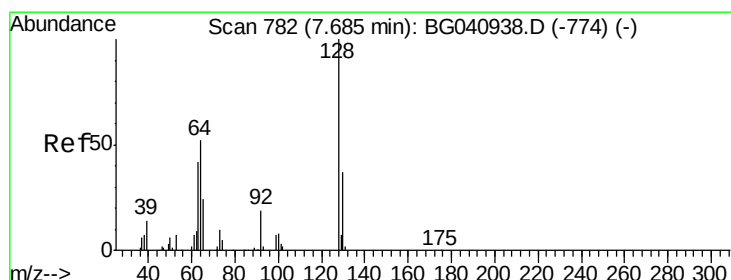
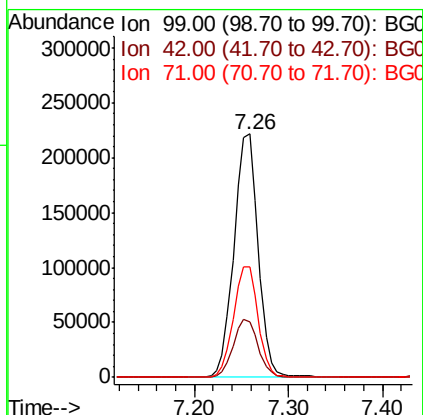
Tot Ion: 99 Resp: 395677

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 45.4 35.4 53.0



#8

2-Chlorophenol

Concen: 47.219 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

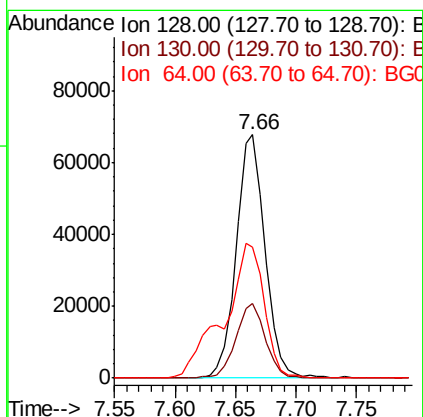
Tgt Ion: 128 Resp: 112789

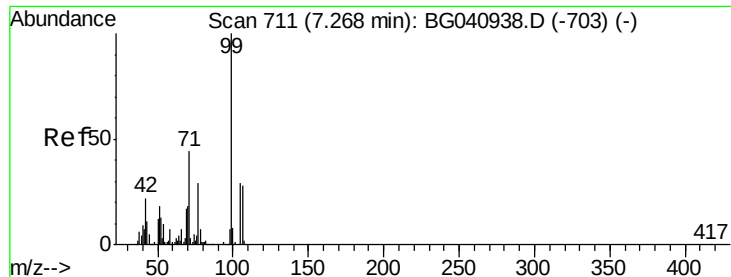
Ion Ratio Lower Upper

128 100

130 30.6 16.6 56.6

64 53.9 37.8 77.8





#9

Benzaldehyde

Concen: 14.518 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampled :

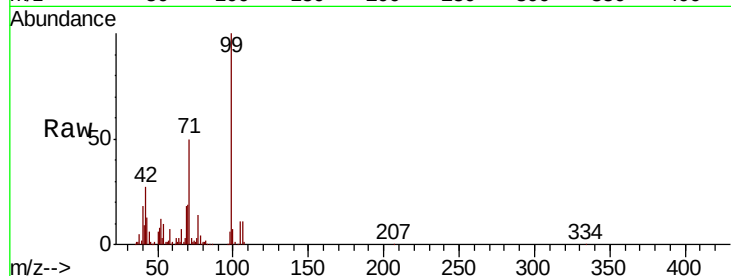
Tot Ion: 77 Resp: 26798

Ion Ratio Lower Upper

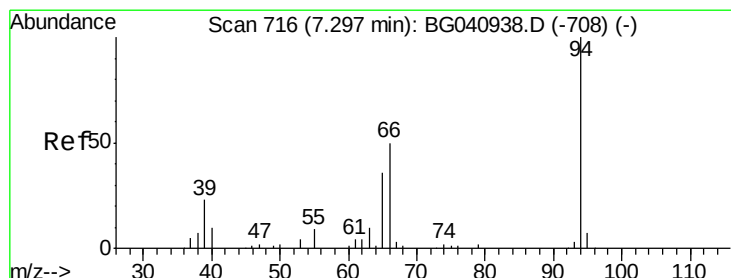
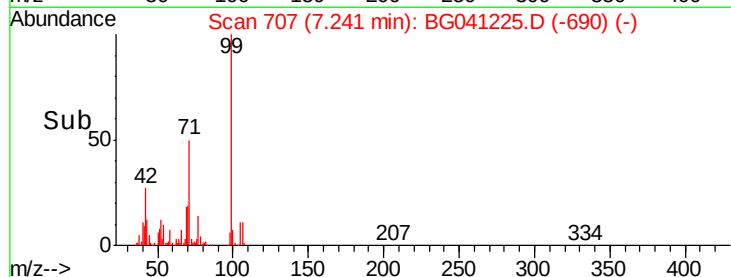
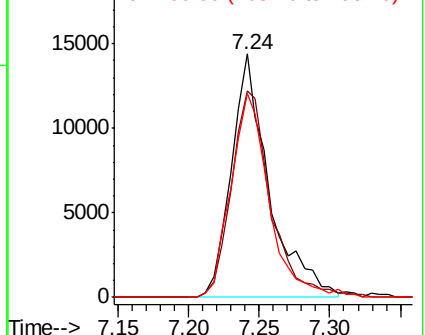
77 100

105 84.7 78.9 118.9

106 83.7 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.700 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

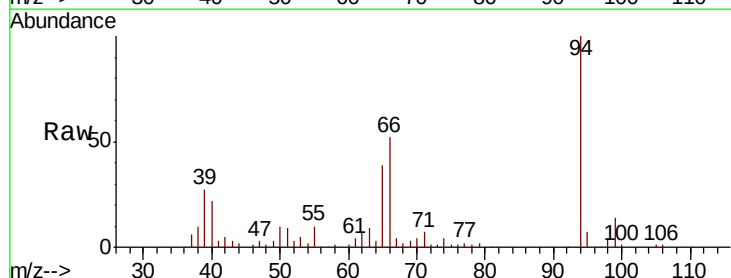
Tgt Ion: 94 Resp: 151620

Ion Ratio Lower Upper

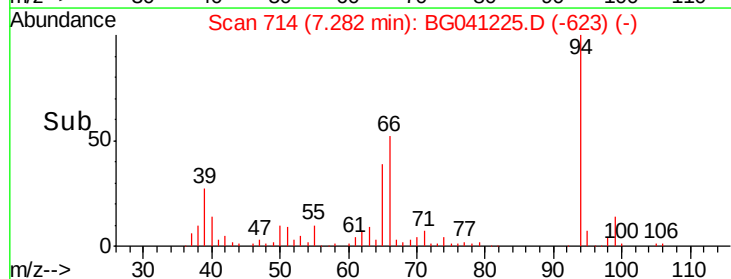
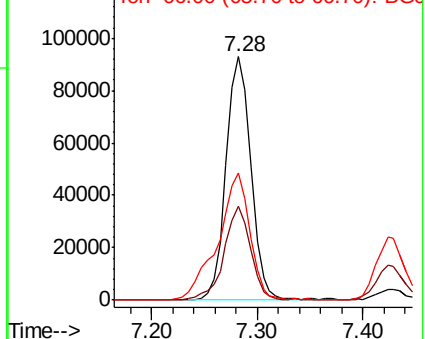
94 100

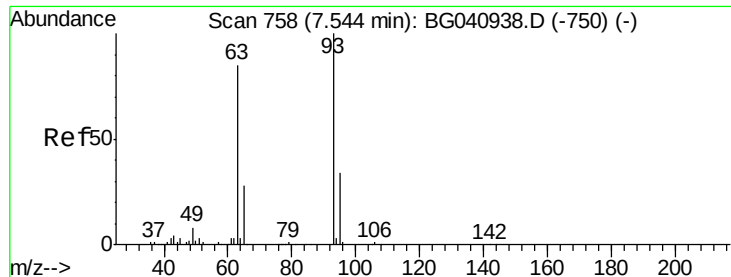
65 38.8 17.0 57.0

66 52.2 32.4 72.4



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

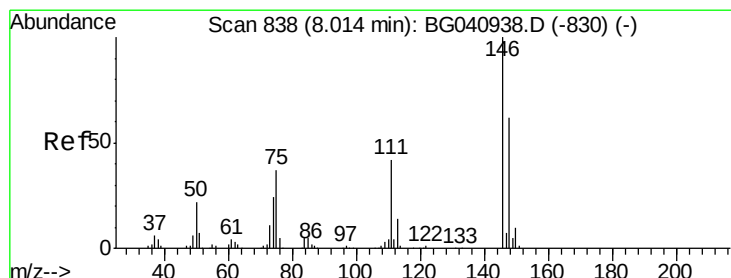
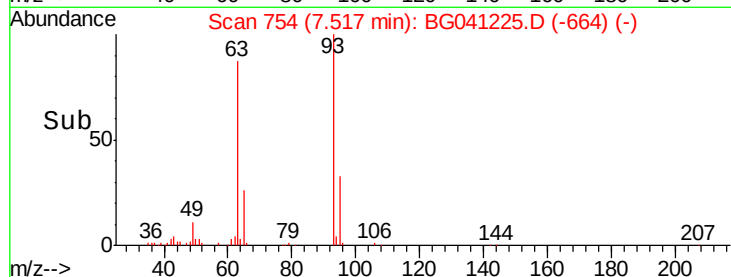
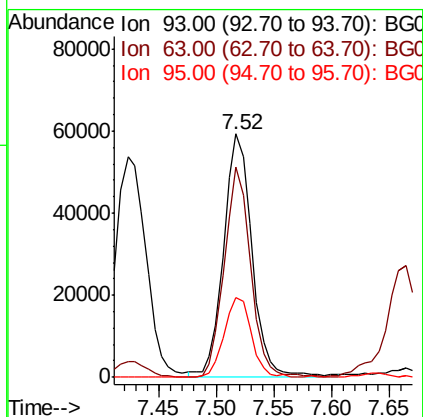
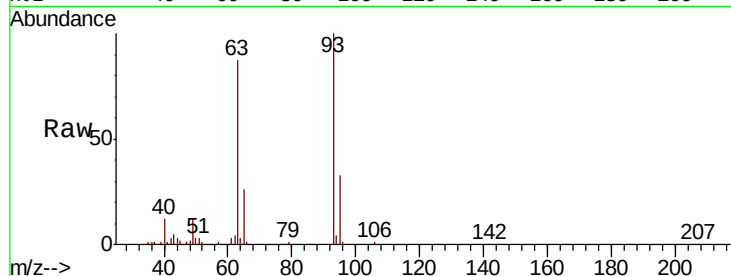




#11
bis(2-Chloroethyl)ether
Concen: 41.771 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

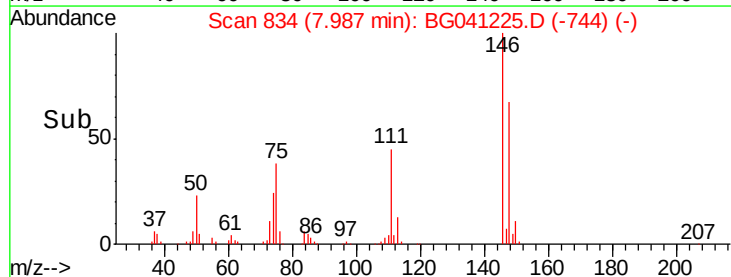
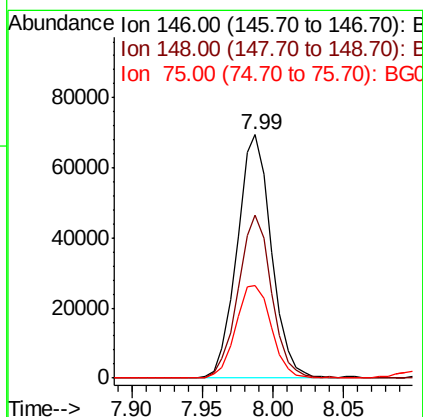
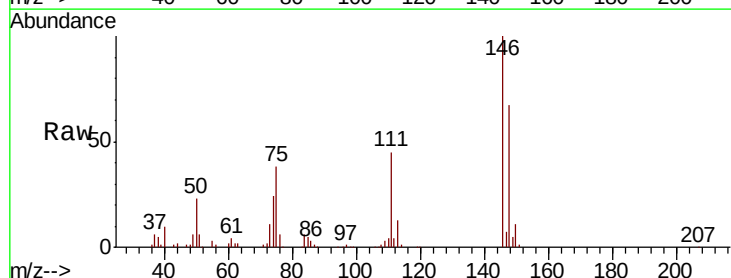
Instrument :
BNA_G
ClientSampleId :

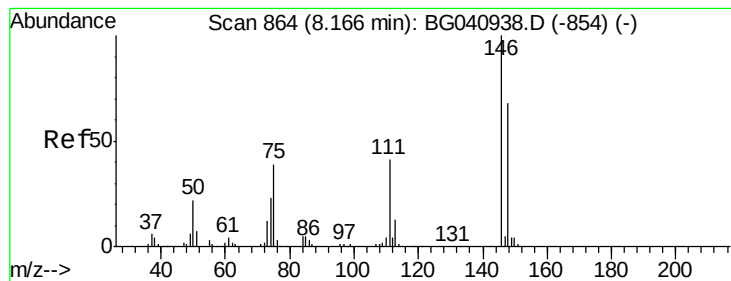
Tot Ion: 93 Resp: 100538
Ion Ratio Lower Upper
93 100
63 86.6 64.5 104.5
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.241 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion: 146 Resp: 117657
Ion Ratio Lower Upper
146 100
148 66.7 49.2 73.8
75 38.2 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 42.569 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

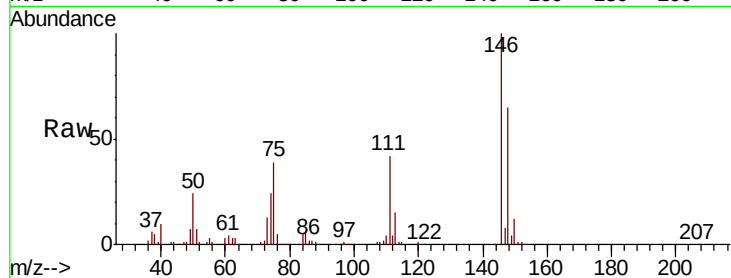
Tot Ion:146 Resp: 122931

Ion Ratio Lower Upper

146 100

148 65.2 54.2 81.4

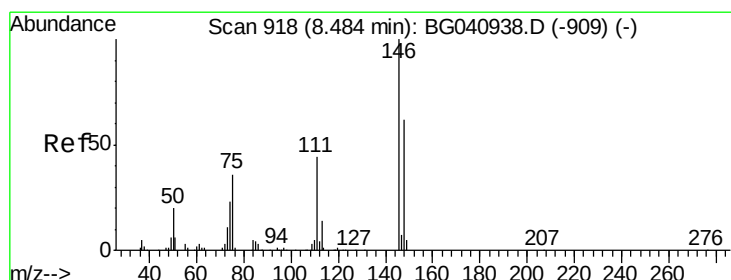
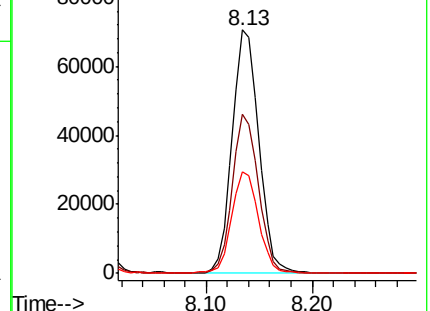
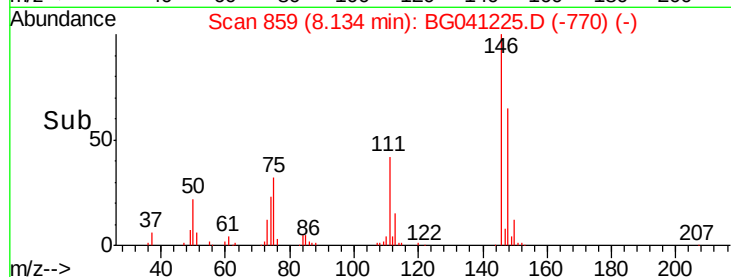
111 41.7 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.115 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

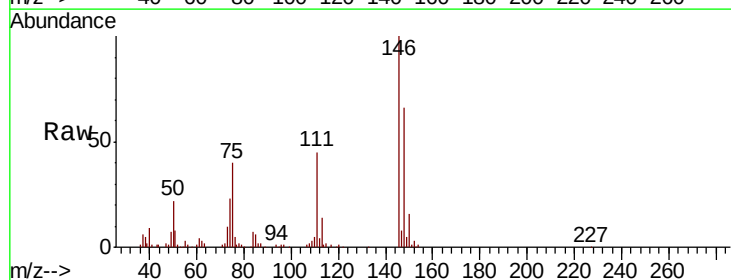
Tgt Ion:146 Resp: 115281

Ion Ratio Lower Upper

146 100

148 66.5 49.8 74.6

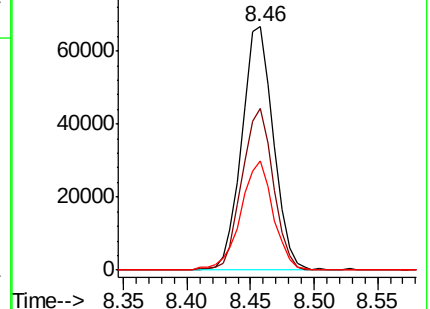
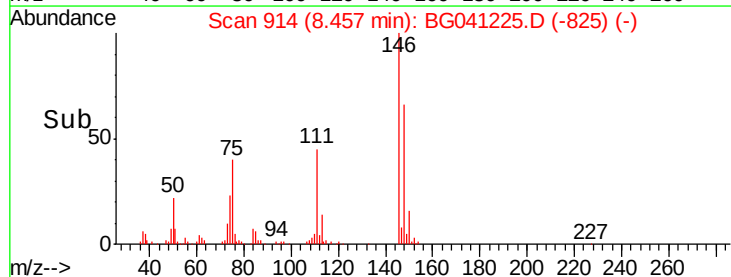
111 44.9 35.0 52.4

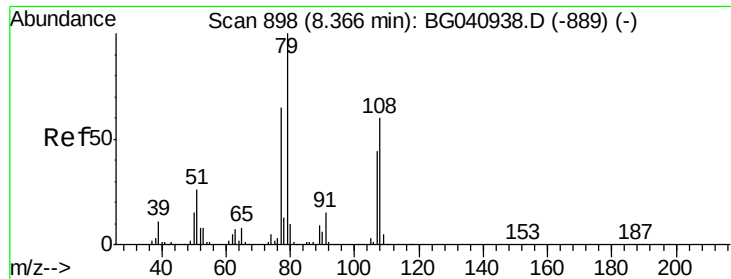


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

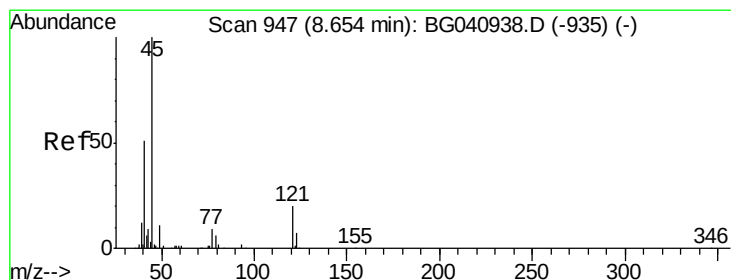
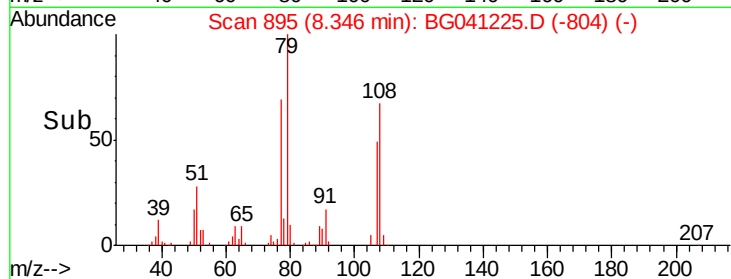
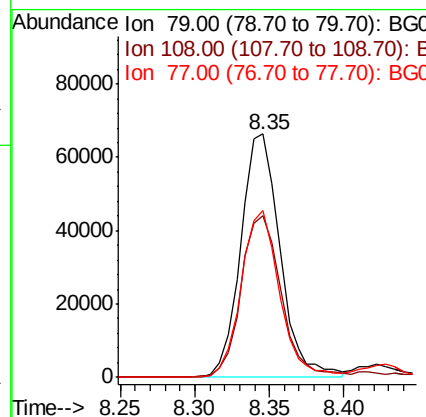
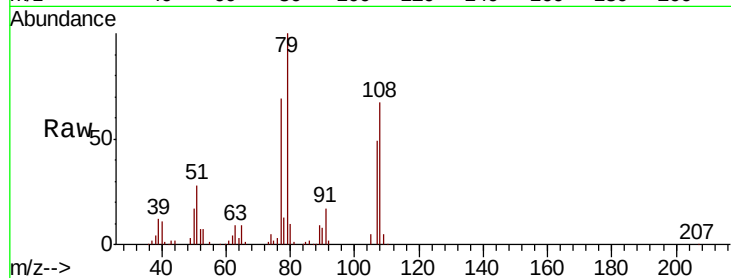




#15
Benzyl Alcohol
Concen: 42.395 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

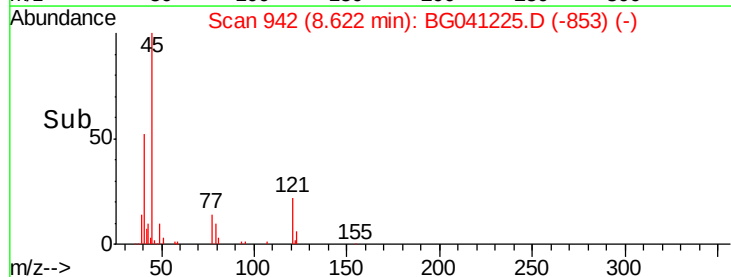
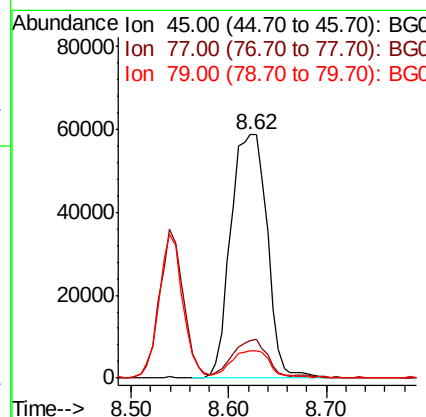
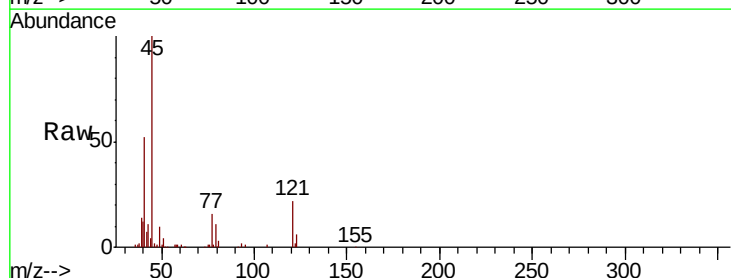
Instrument :
BNA_G
ClientSampleId :

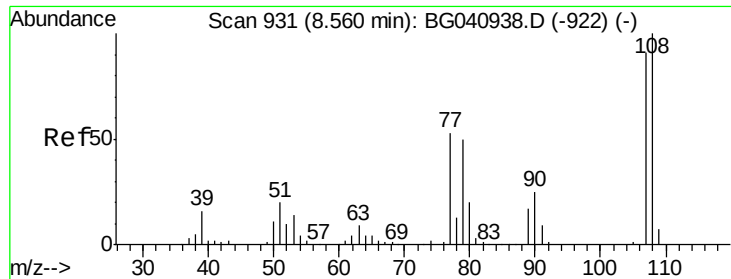
Tot Ion:	79	Resp:	121350
Ion	Ratio	Lower	Upper
79	100		
108	66.6	48.3	72.5
77	68.5	52.3	78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.786 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:	45	Resp:	152542
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	33.7
79	11.1	0.0	30.2

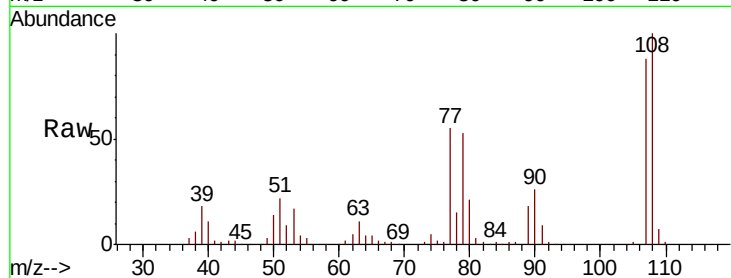




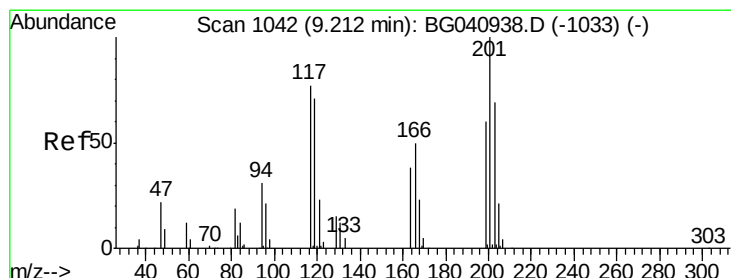
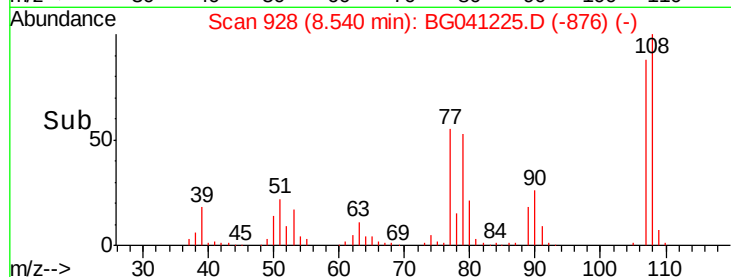
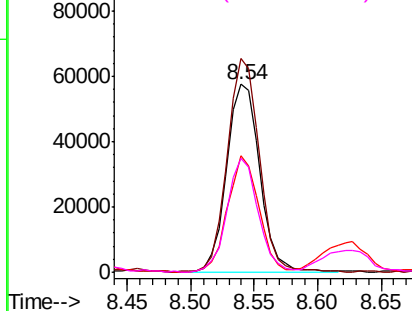
#17
2-Methylphenol
Concen: 43.422 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	104308
Ion	Ratio	Lower	Upper
107	100		
108	113.8	87.7	131.5
77	62.3	46.6	70.0
79	60.5	44.6	66.8

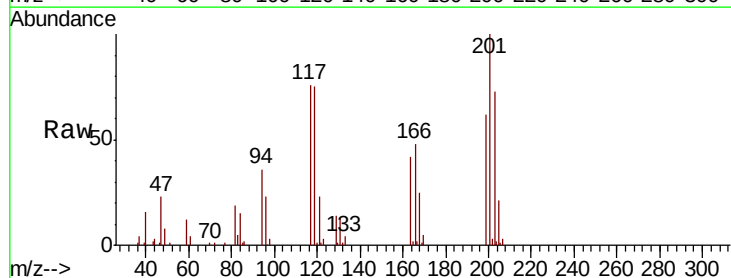


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

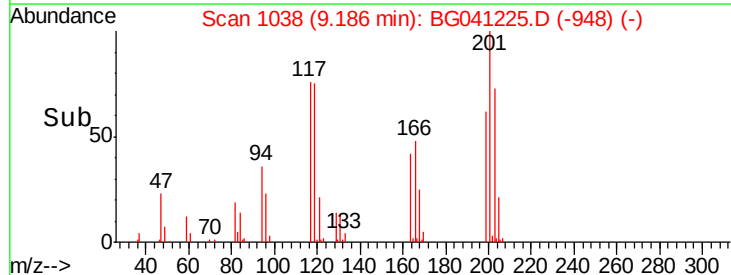
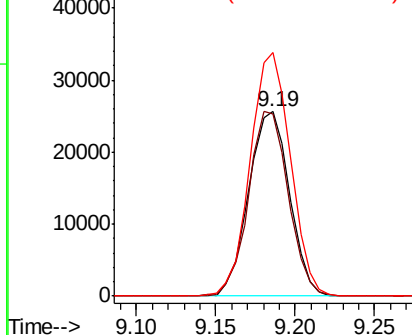


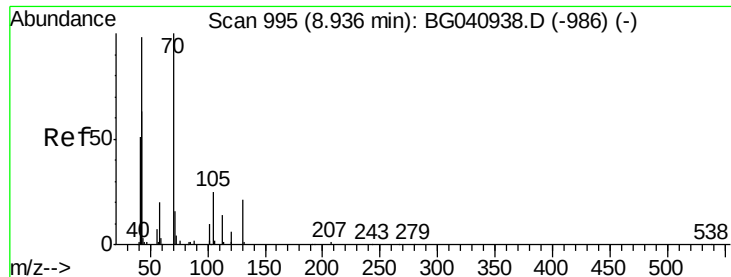
#18
Hexachloroethane
Concen: 41.323 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:	117	Resp:	45993
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.0	112.6
201	131.9	103.5	155.3



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

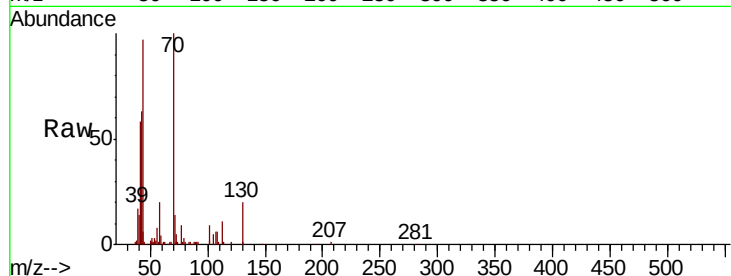




#19
n-Nitroso-di-n-propylamine
Concen: 39.990 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	95226
Ion	Ratio	Lower	Upper
70	100		
42	63.1	51.5	77.3
101	9.3	8.1	12.1
130	19.5	16.6	24.8



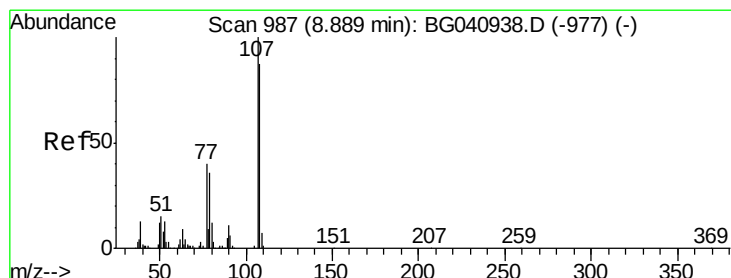
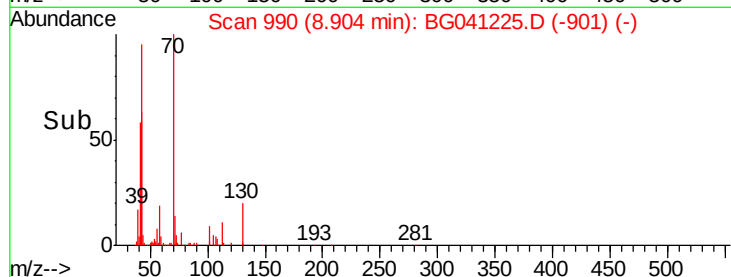
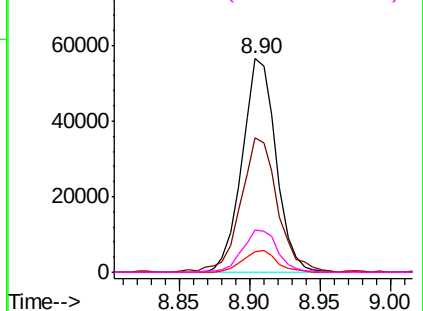
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

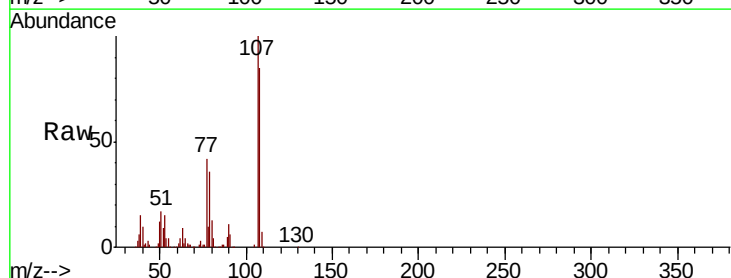
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.799 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:	107	Resp:	145743
Ion	Ratio	Lower	Upper
107	100		
108	85.2	66.8	106.8
77	42.3	20.5	60.5
79	36.1	15.8	55.8



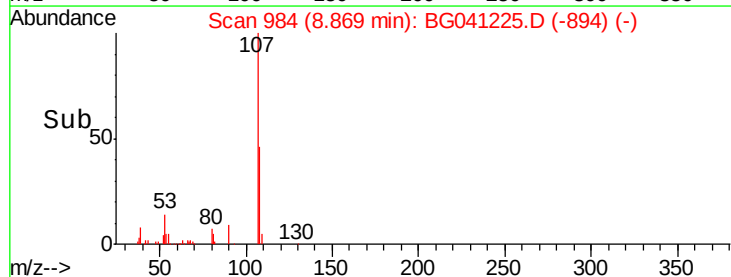
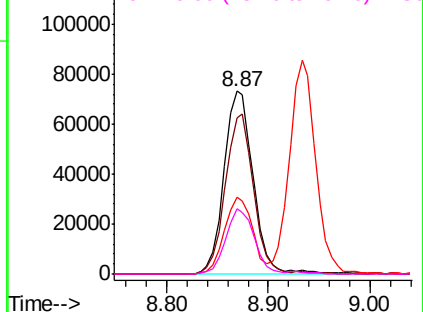
Abundance

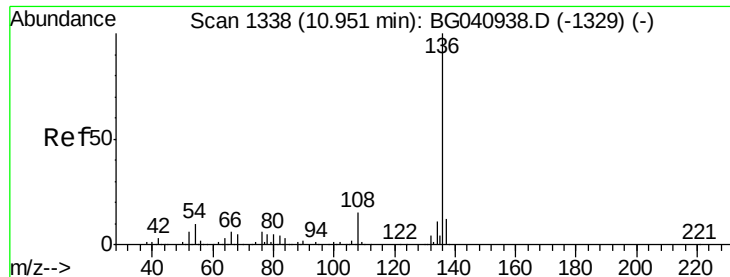
Ion 107.00 (106.70 to 107.70): BGC

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

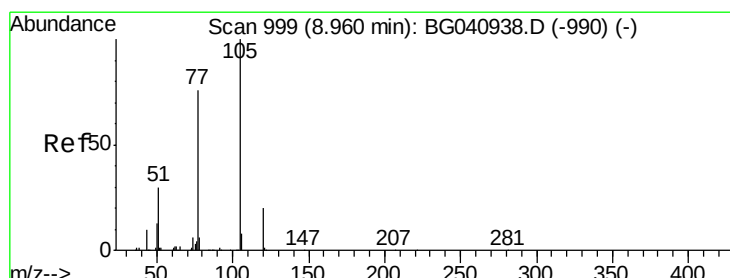
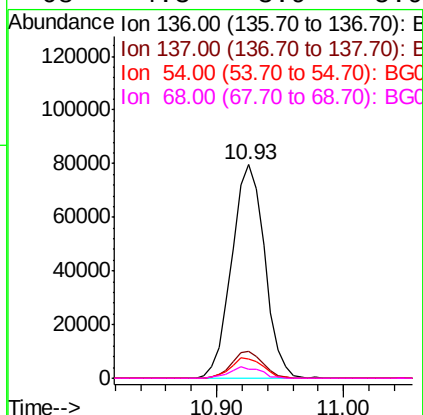
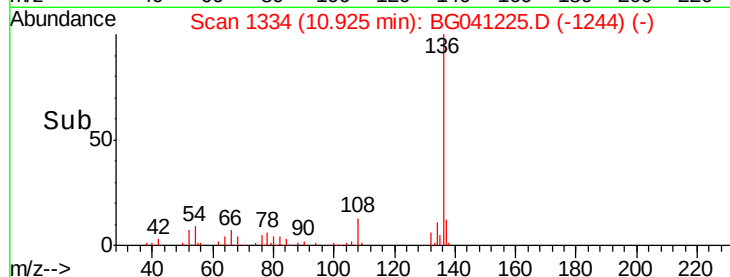
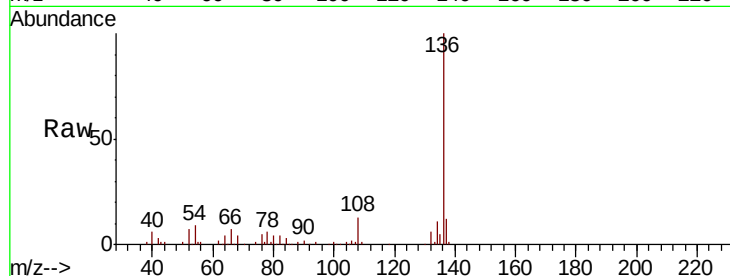




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

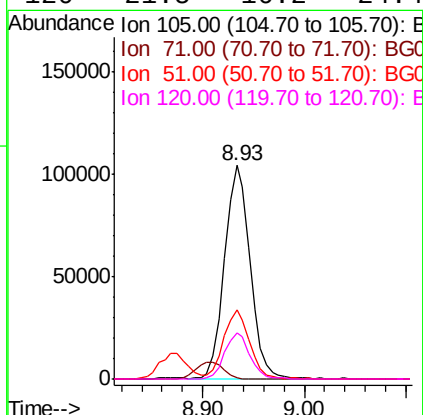
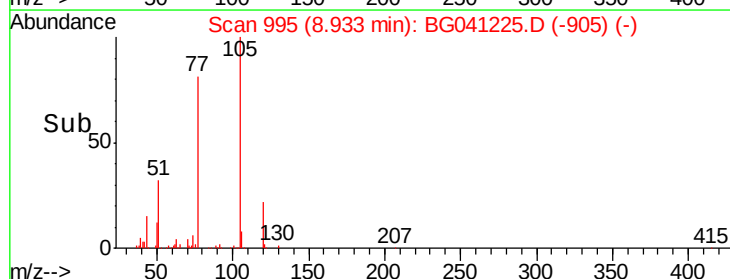
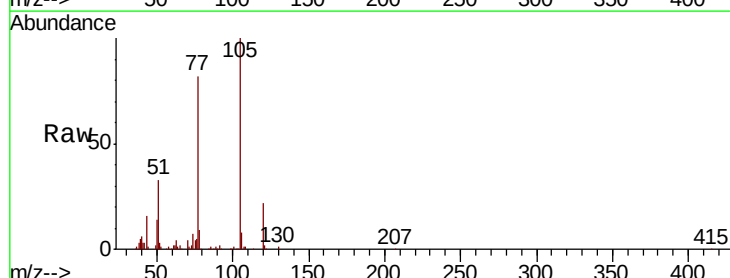
Instrument :
BNA_G
ClientSampleId :

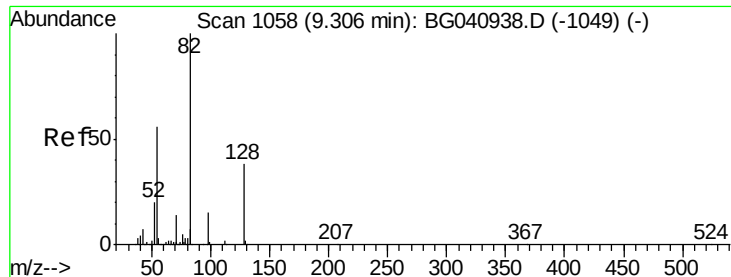
Tot Ion:136	Resp:	143104
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.5 14.3
54	8.8	7.6 11.4
68	4.3	3.9 5.9



#22
Acetophenone
Concen: 45.170 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:105	Resp:	181328
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.4 0.6#
51	32.6	27.0 40.6
120	21.5	16.2 24.4

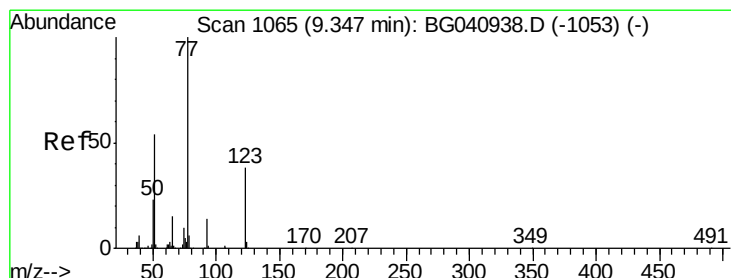
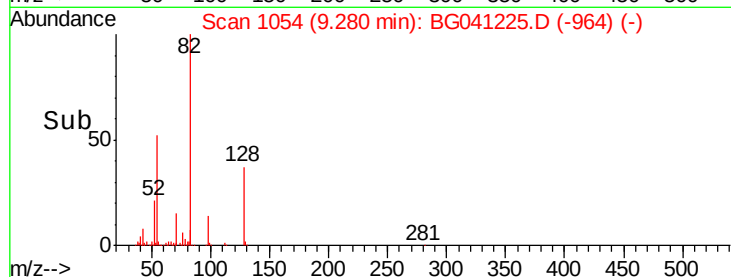
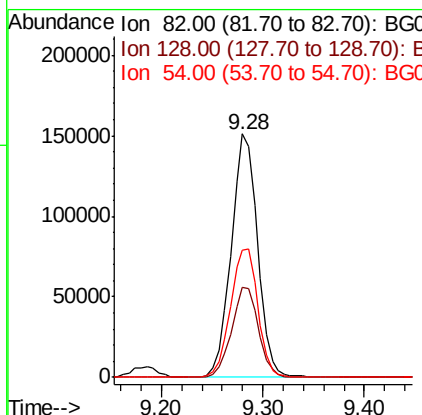
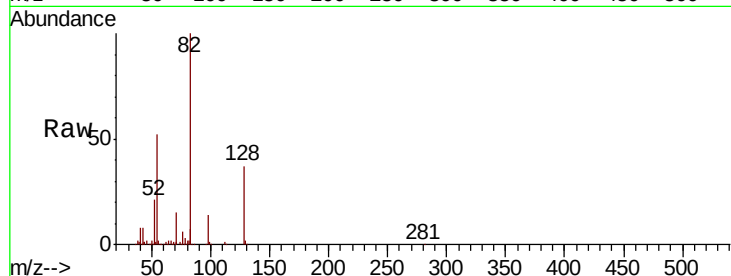




#23
 Nitrobenzene-d5
 Concen: 84.464 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

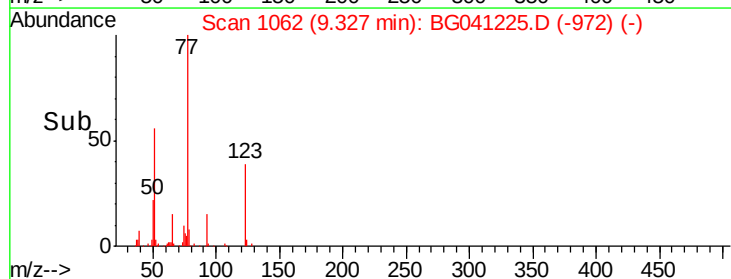
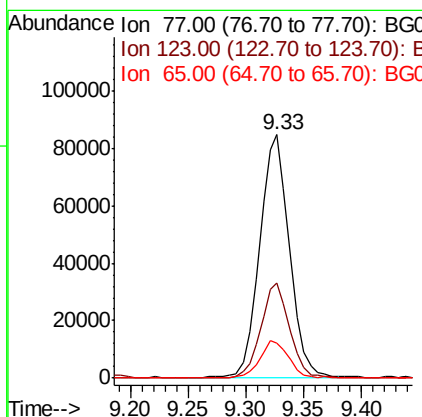
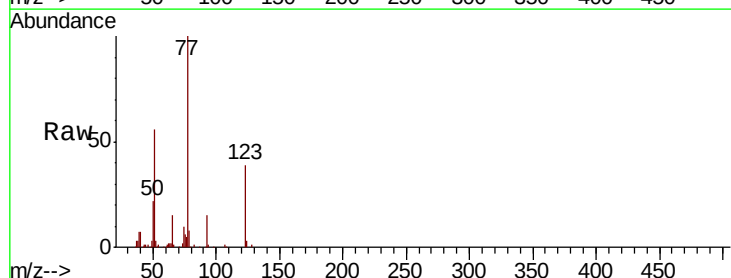
Instrument :
 BNA_G
 ClientSampleId :

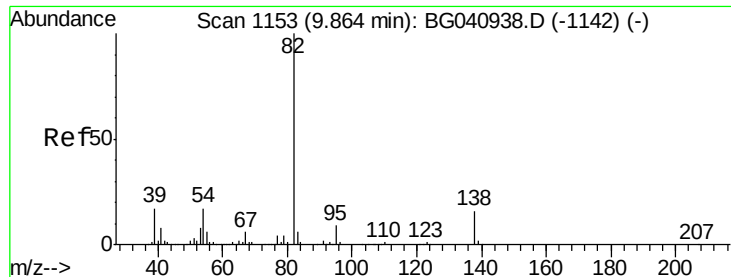
Tot Ion	82	Resp	272271
Ion Ratio	100	Lower	Upper
128	36.9	30.5	45.7
54	52.4	44.6	66.8



#24
 Nitrobenzene
 Concen: 46.471 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	77	Resp	152660
Ion Ratio	100	Lower	Upper
123	39.2	30.6	46.0
65	14.6	12.3	18.5





#25

Isophorone

Concen: 43.622 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

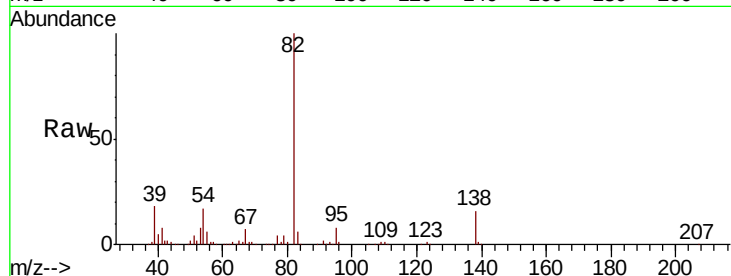
Tot Ion: 82 Resp: 267604

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.4

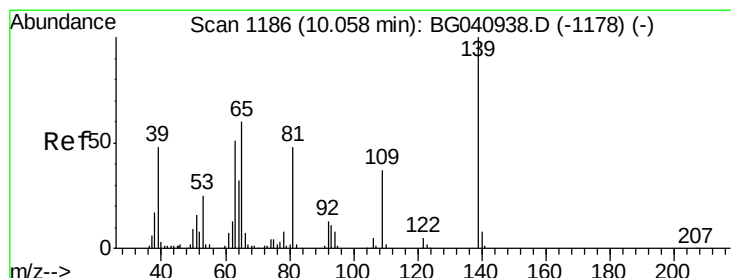
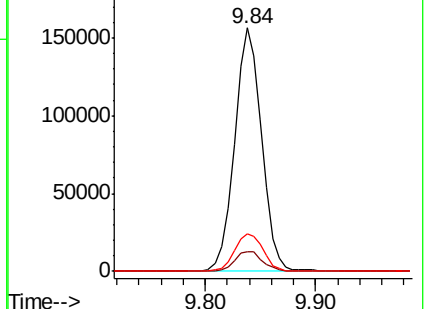
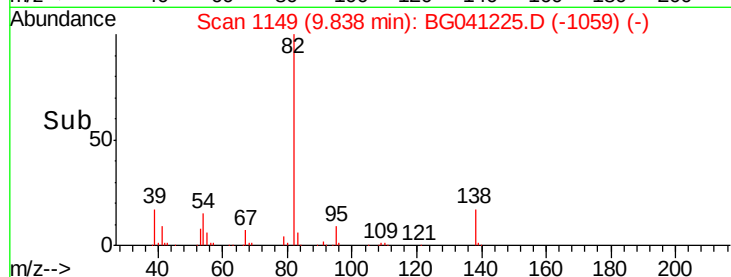
138 15.7 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 50.272 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

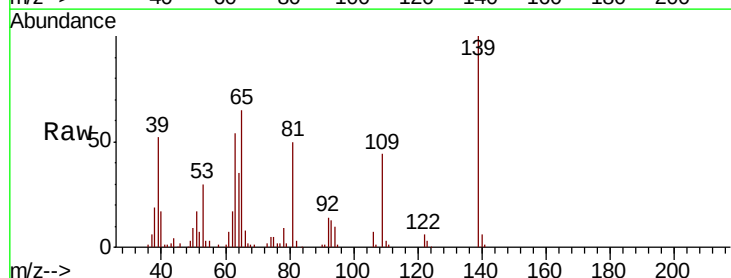
Tgt Ion: 139 Resp: 68081

Ion Ratio Lower Upper

139 100

109 43.9 29.8 44.6

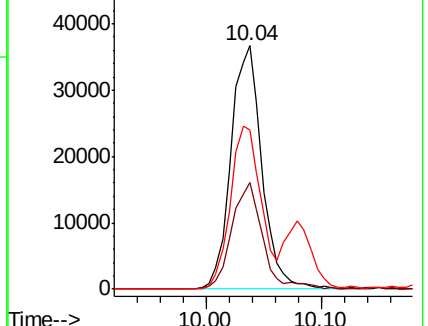
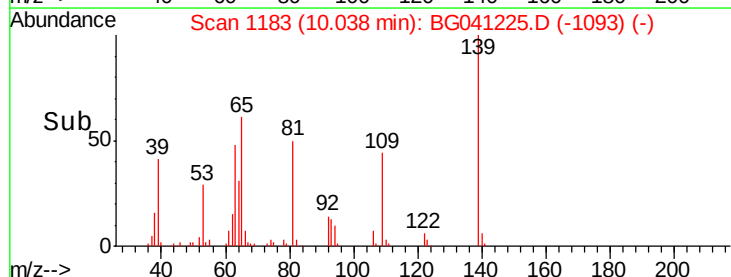
65 65.2 47.8 71.6

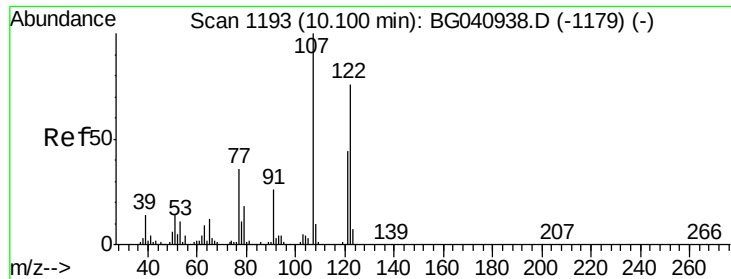


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

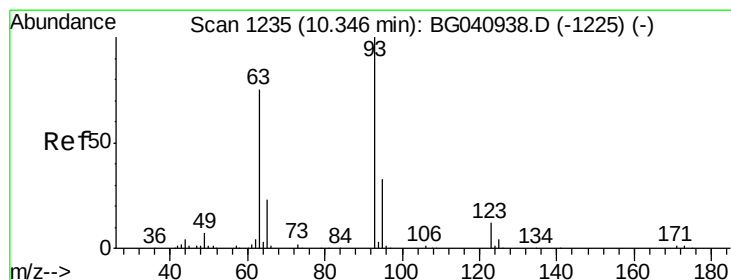
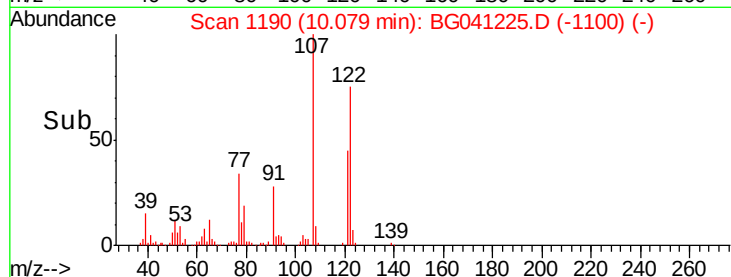
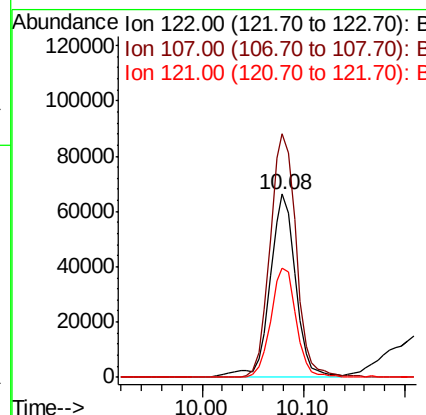
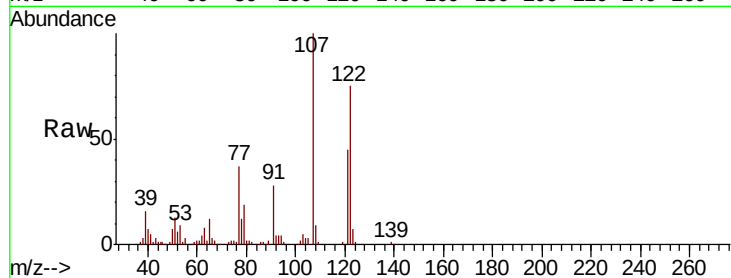




#27
 2,4-Dimethylphenol
 Concen: 51.969 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

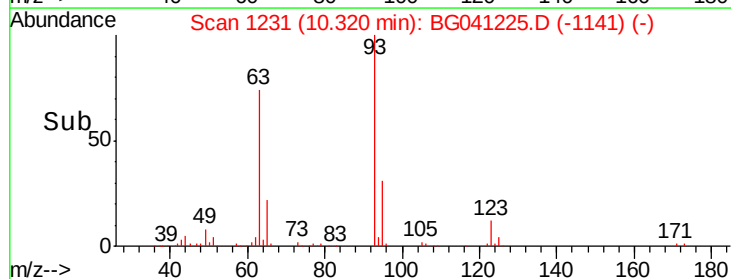
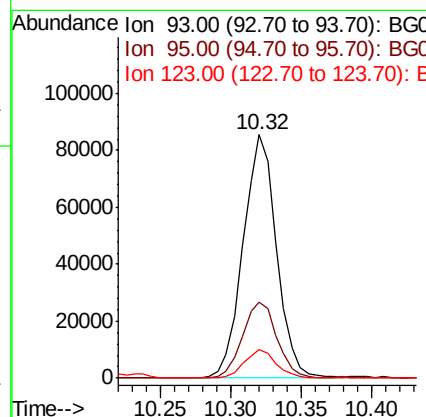
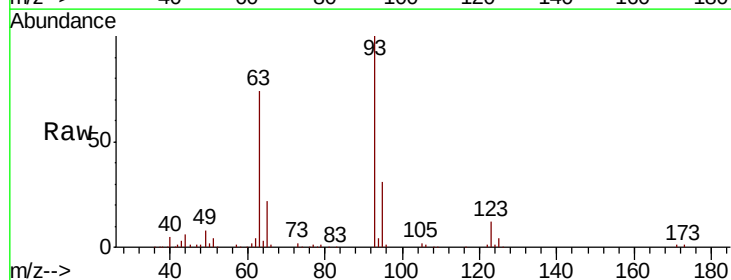
Instrument :
 BNA_G
 ClientSampled :

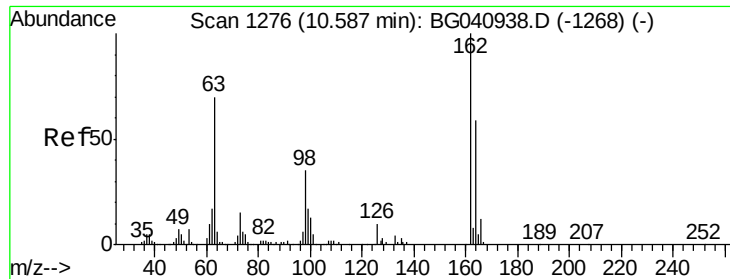
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.1	105.9	158.9
121	59.7	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.689 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.2
123	11.6	9.5	14.3

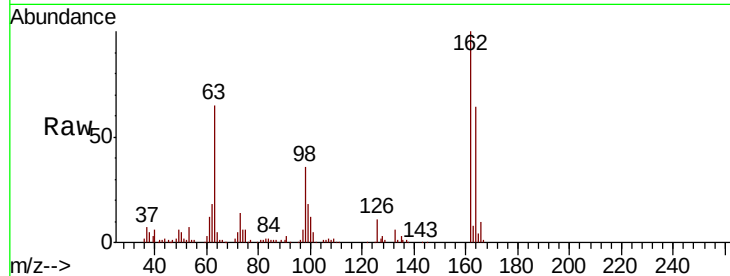




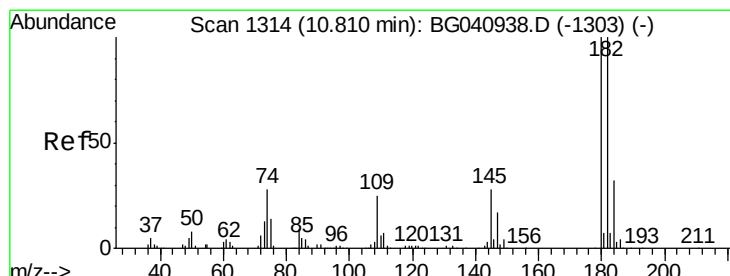
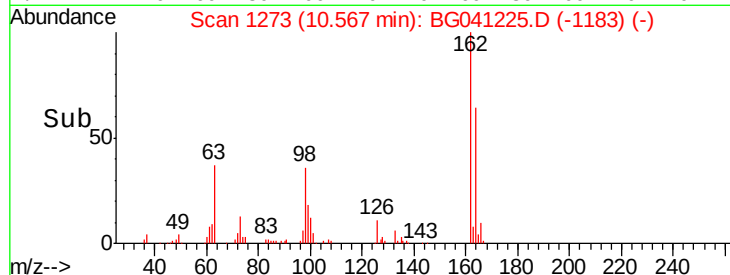
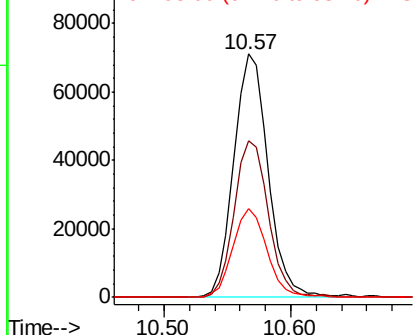
#29
 2,4-Dichlorophenol
 Concen: 46.924 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	39.4	79.4
98	36.2	15.3	55.3

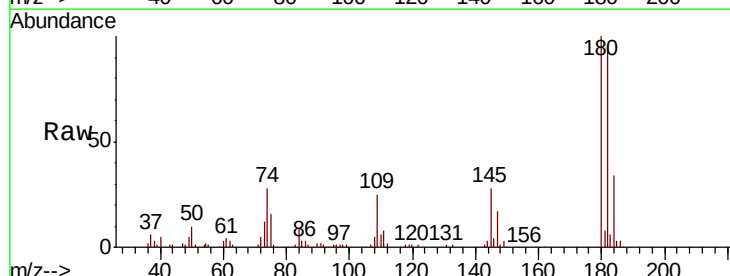


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

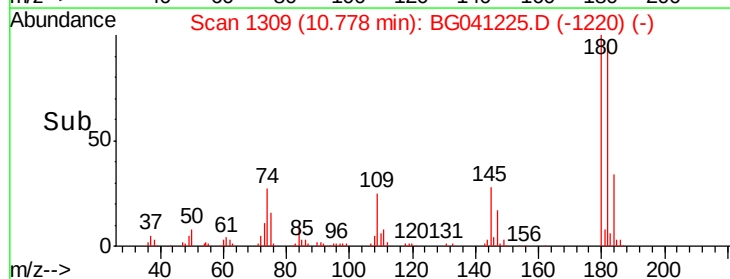
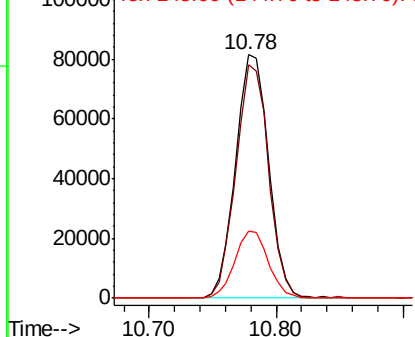


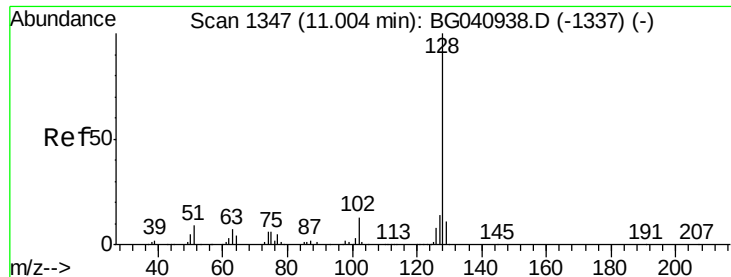
#30
 1,2,4-Trichlorobenzene
 Concen: 45.550 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	79.7	119.5
145	27.7	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

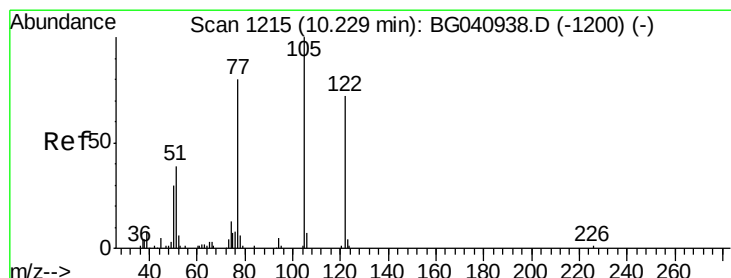
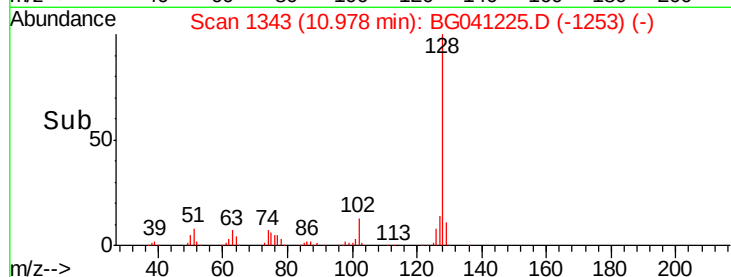
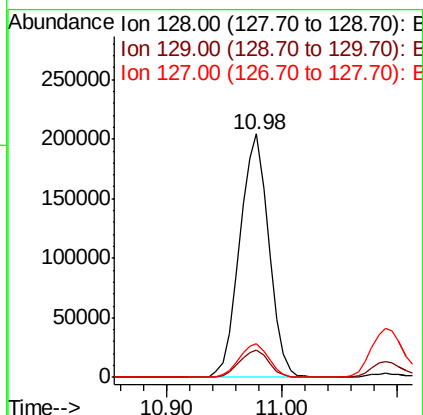
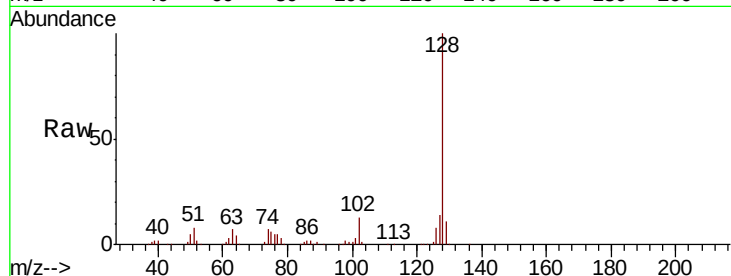




#31
Naphthalene
Concen: 46.394 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

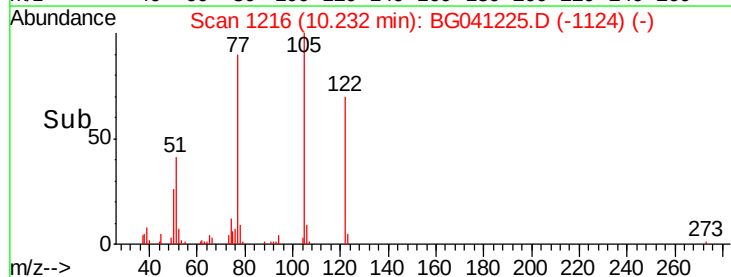
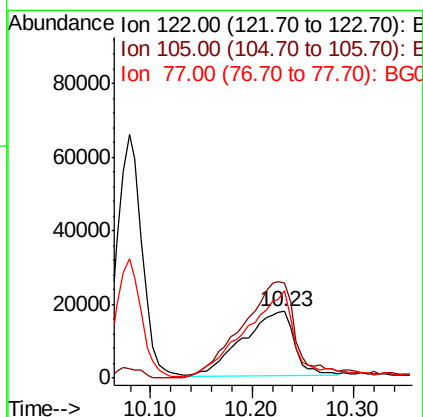
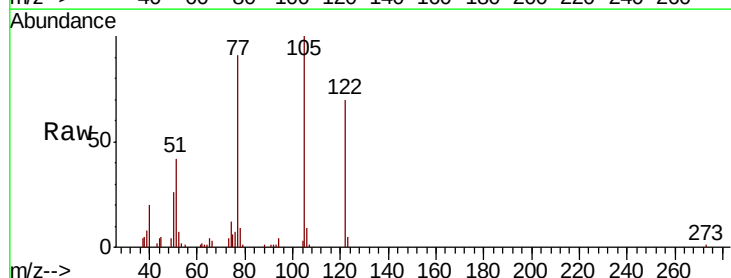
Instrument :
BNA_G
ClientSampleId :

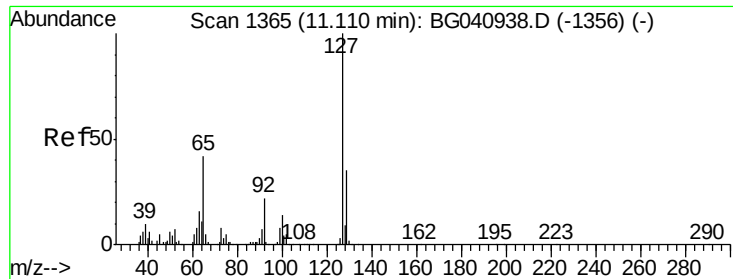
Tot Ion:128 Resp: 356463
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 14.0 11.4 17.2



#32
Benzoic acid
Concen: 37.911 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:122 Resp: 62355
Ion Ratio Lower Upper
122 100
105 143.2 114.8 154.8
77 130.8 89.9 129.9#

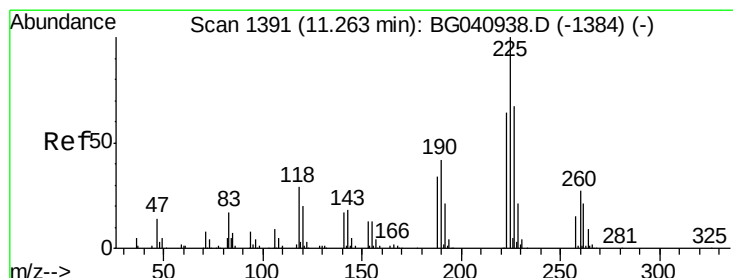
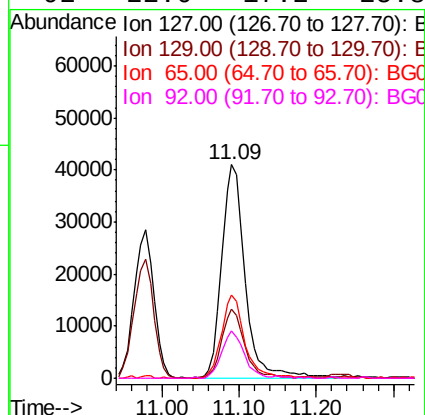
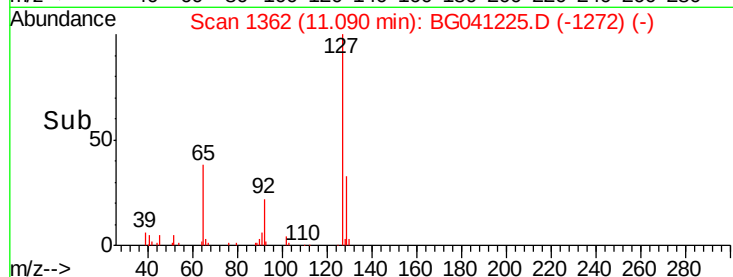
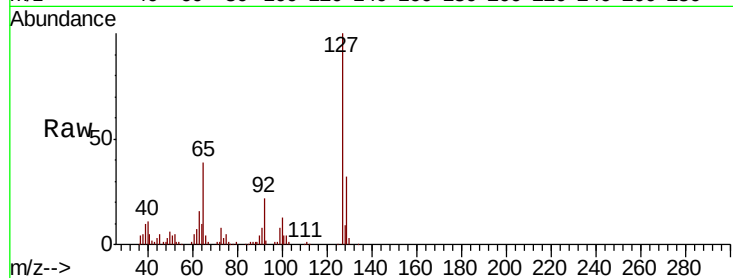




#33
4-Chloroaniline
Concen: 24.385 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

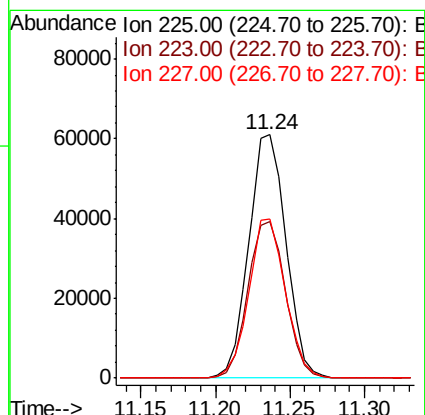
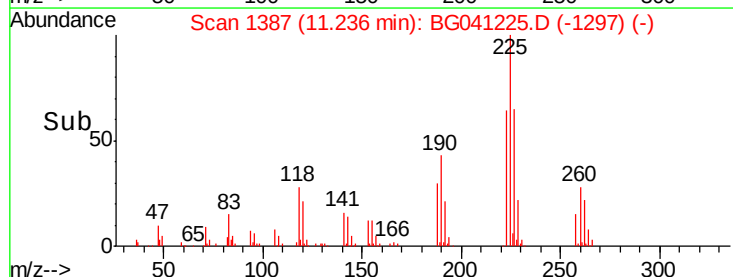
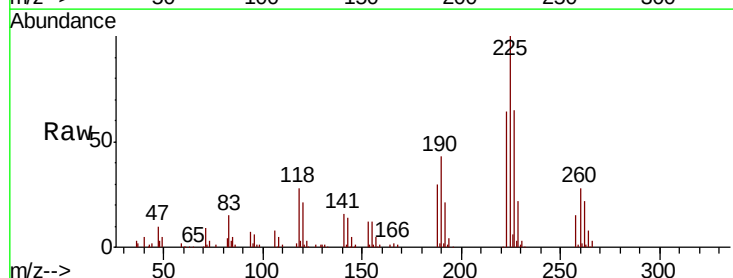
Instrument :
BNA_G
ClientSampleId :

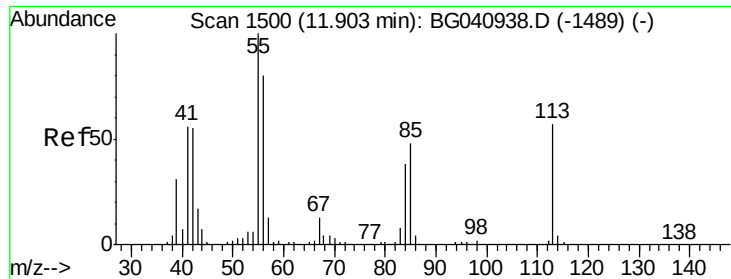
Tot Ion:127	Resp:	86934
Ion	Ratio	Lower Upper
127	100	
129	32.3	27.7 41.5
65	38.9	33.2 49.8
92	22.0	17.2 25.8



#34
Hexachlorobutadiene
Concen: 42.423 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:225	Resp:	104880
Ion	Ratio	Lower Upper
225	100	
223	64.4	48.8 73.2
227	65.2	51.4 77.0

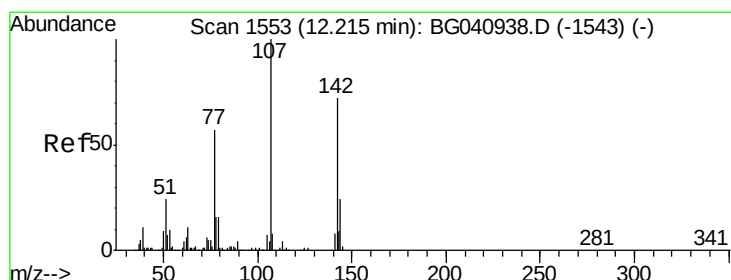
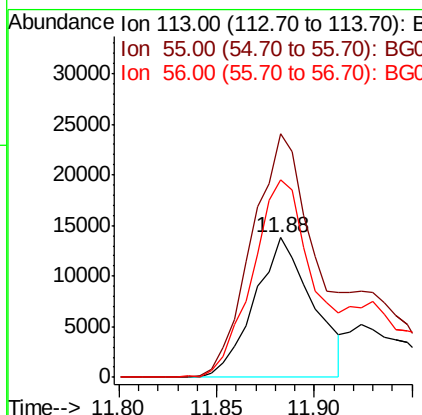
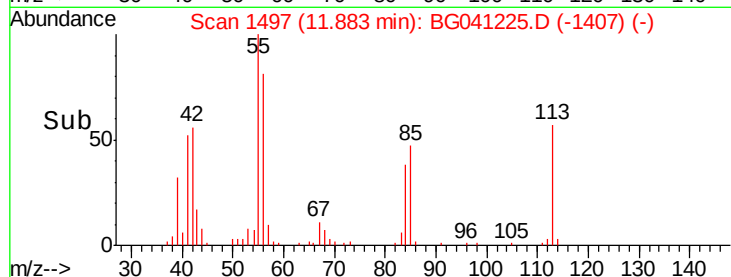
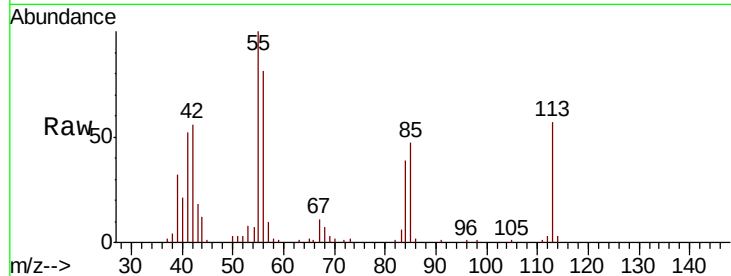




#35
 Caprolactam
 Concen: 30.256 ng
 RT: 11.88 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

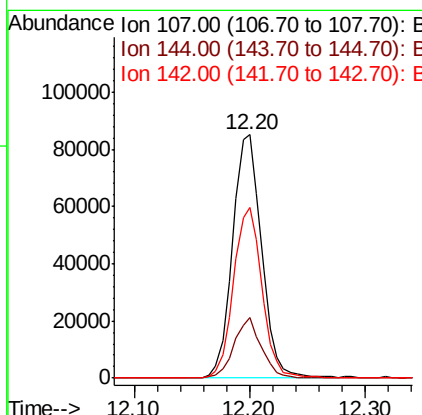
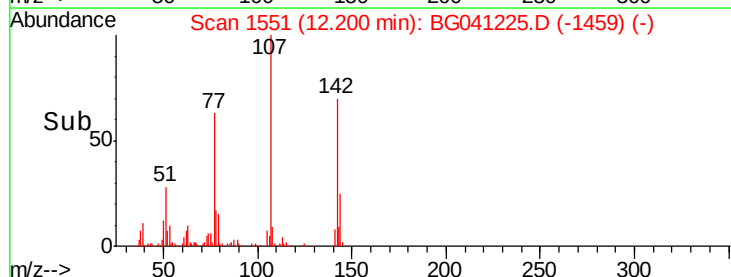
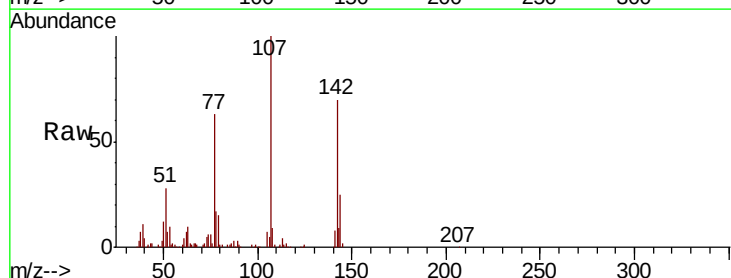
Instrument :
 BNA_G
 ClientSampleId :

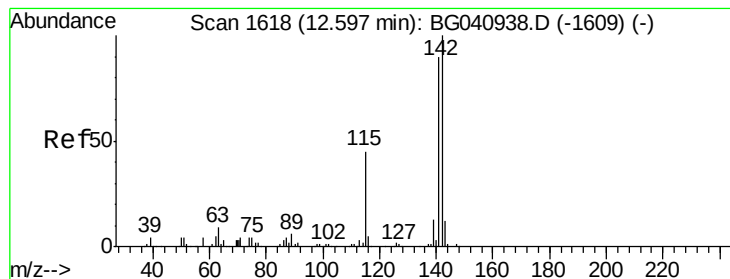
Tot Ion:113 Resp: 28378
 Ion Ratio Lower Upper
 113 100
 55 174.2 155.9 195.9
 56 141.7 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.724 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion:107 Resp: 148318
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.4 29.0
 142 70.3 57.3 85.9





#37

2-Methylnaphthalene

Concen: 46.454 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

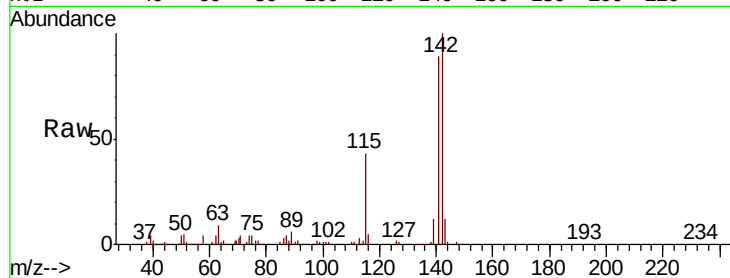
Tot Ion:142 Resp: 274894

Ion Ratio Lower Upper

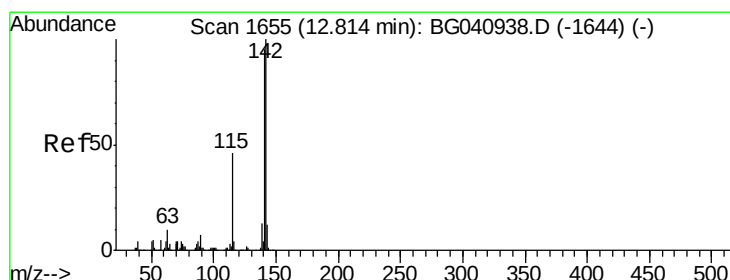
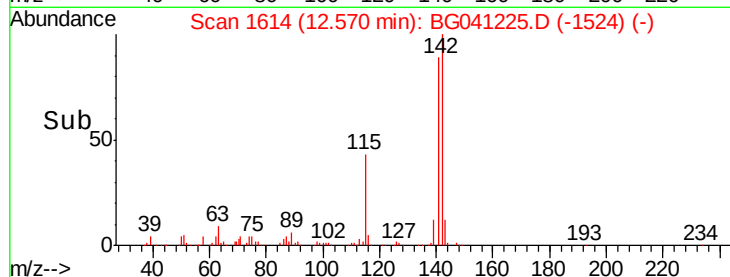
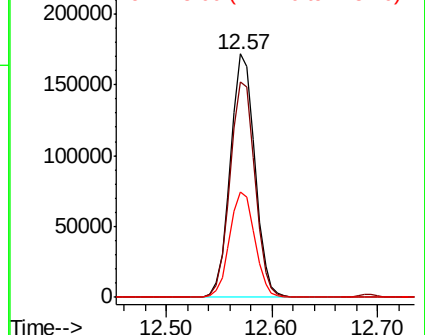
142 100

141 88.6 72.2 108.4

115 43.4 36.2 54.4



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: 46.295 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

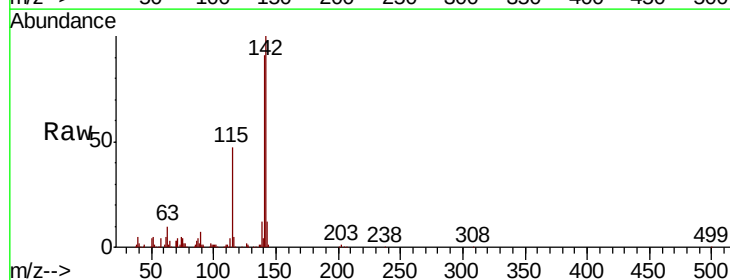
Tgt Ion:142 Resp: 258159

Ion Ratio Lower Upper

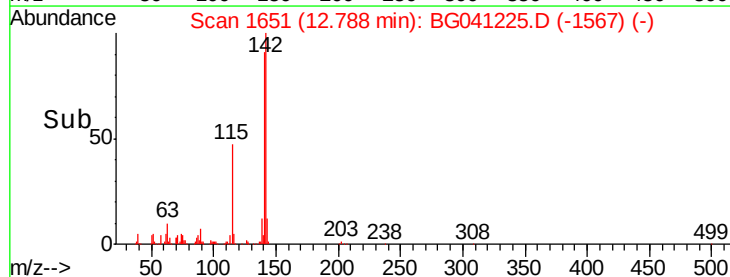
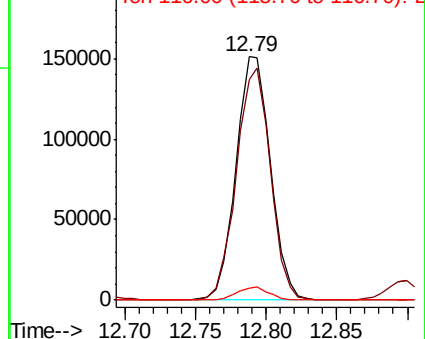
142 100

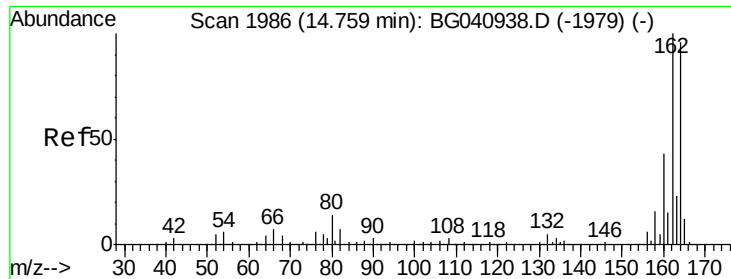
141 90.7 75.7 113.5

116 5.0 3.4 5.2



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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

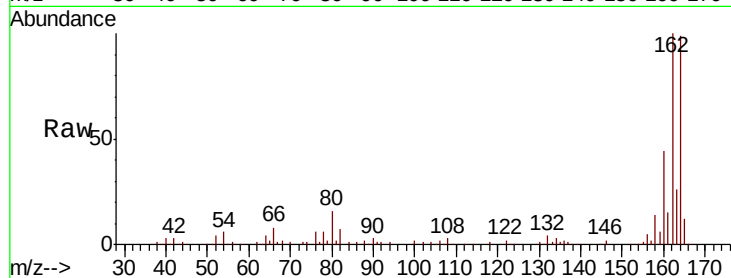
Tot Ion:164 Resp: 104722

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.4

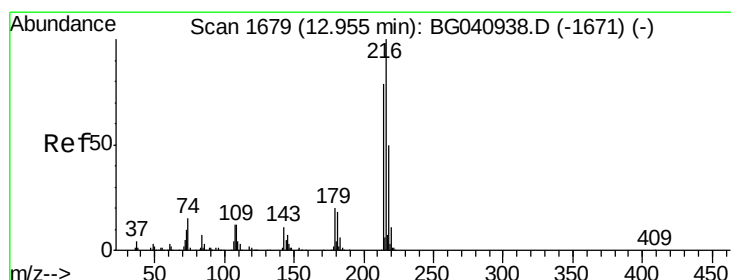
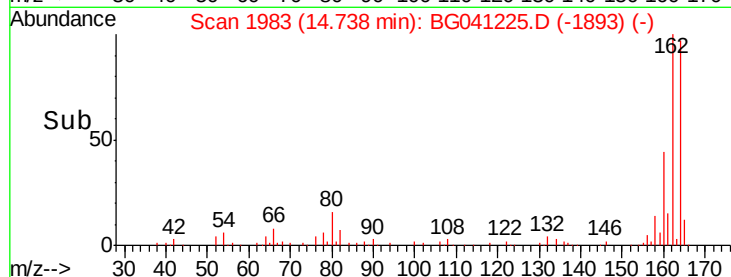
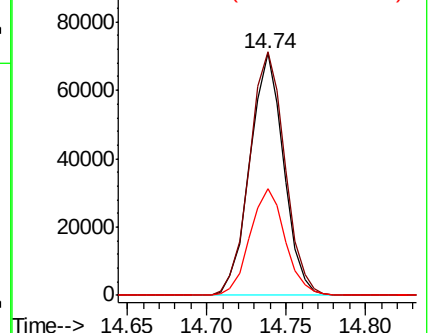
160 44.2 35.6 53.4



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: 48.433 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:216 Resp: 204428

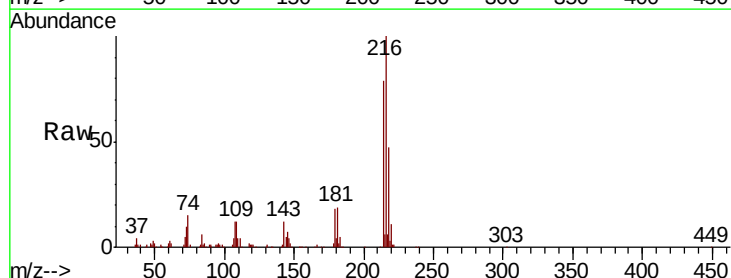
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 19.0 15.2 22.8

108 16.1 11.4 17.2

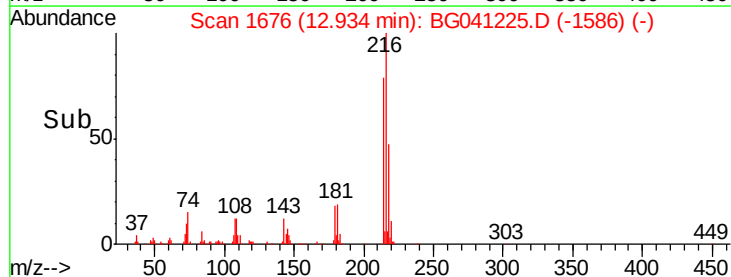
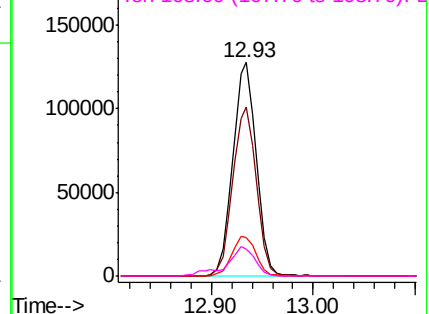


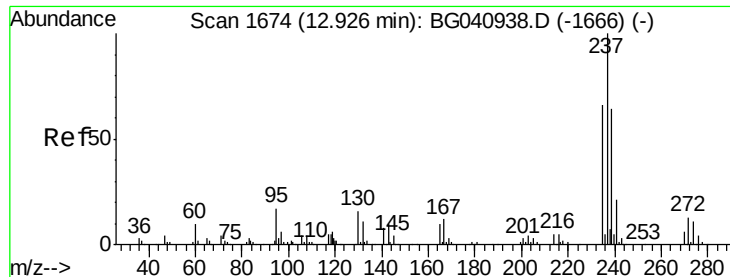
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.080 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

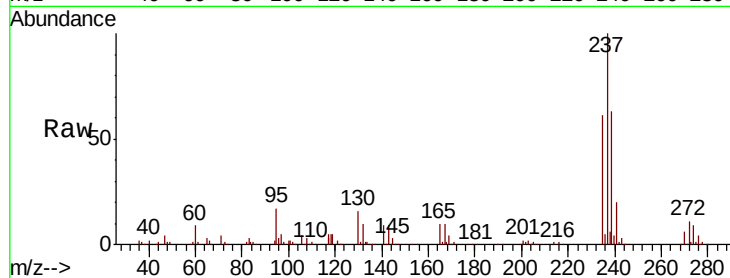
Tot Ion:237 Resp: 207008

Ion Ratio Lower Upper

237 100

235 60.9 45.5 85.5

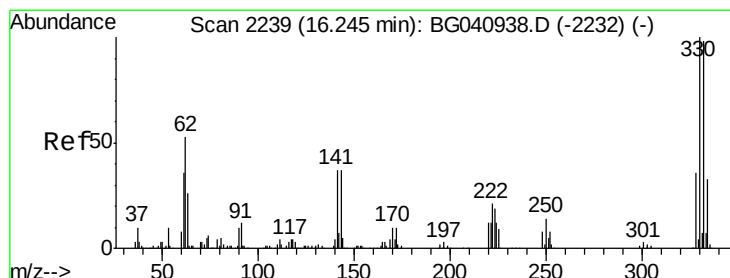
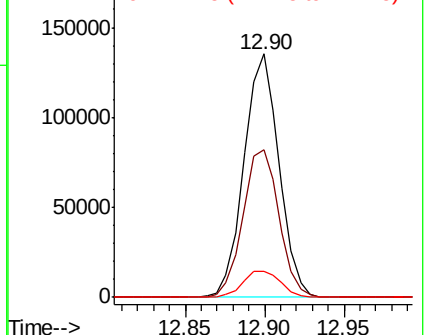
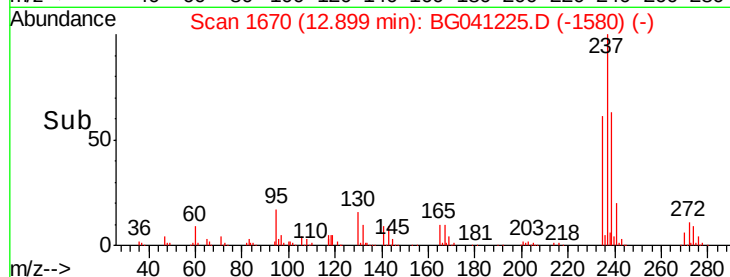
272 10.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.469 ng

RT: 16.23 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

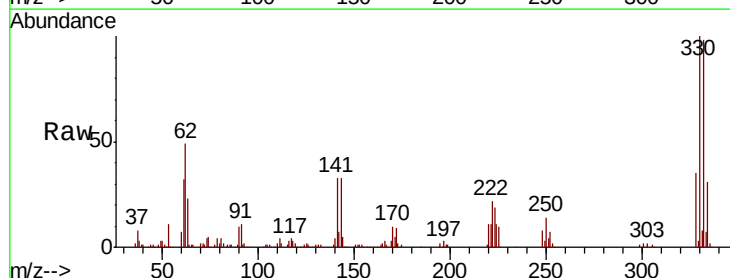
Tgt Ion:330 Resp: 210609

Ion Ratio Lower Upper

330 100

332 95.5 78.5 117.7

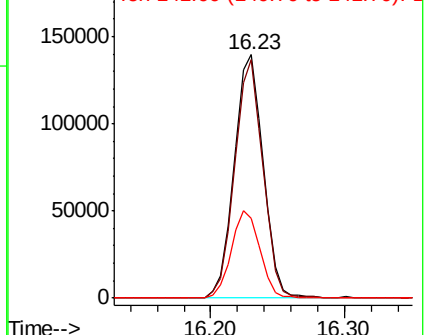
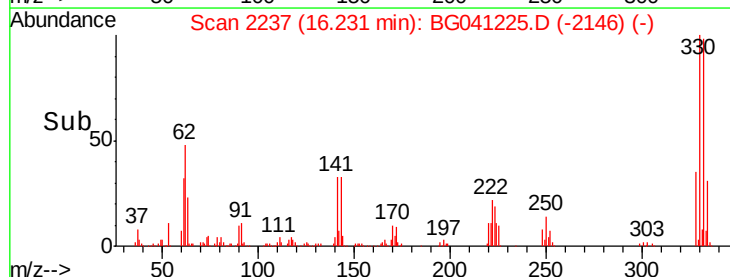
141 35.7 28.7 43.1

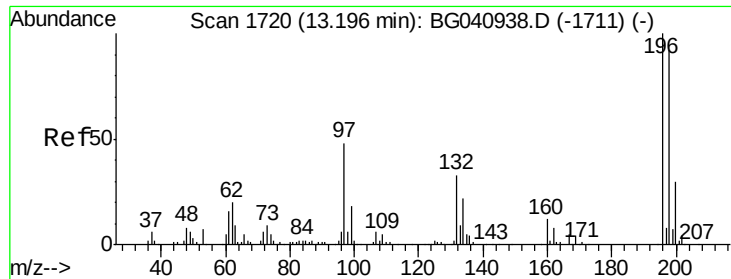


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

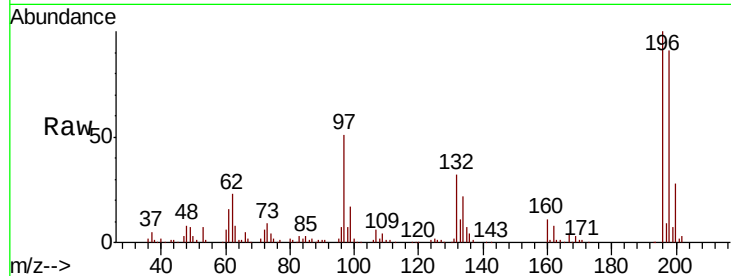




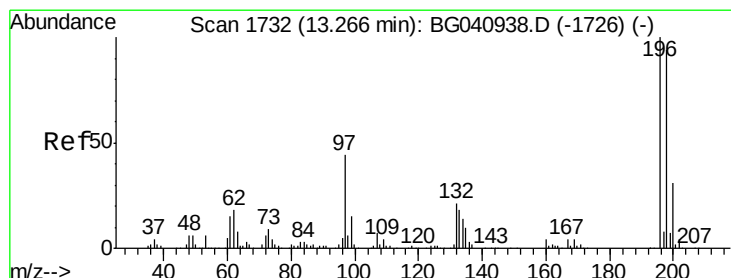
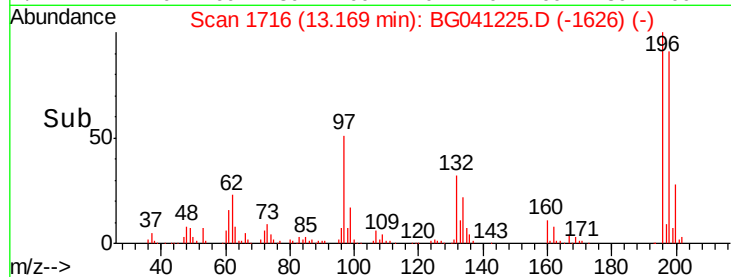
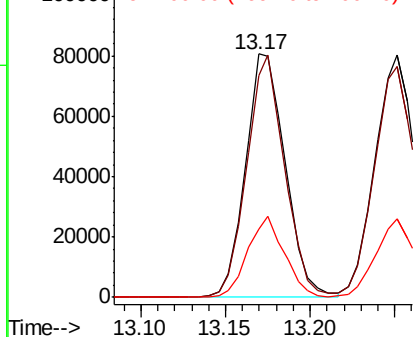
#43
 2,4,6-Trichlorophenol
 Concen: 48.297 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 131876
 Ion Ratio Lower Upper
 196 100
 198 91.2 73.8 110.6
 200 28.0 24.1 36.1

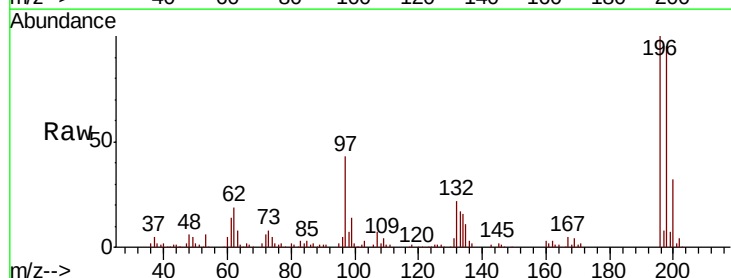


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

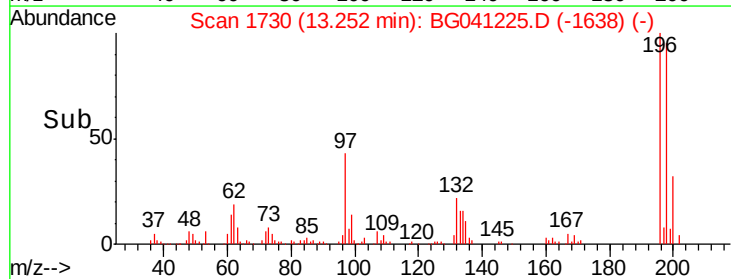
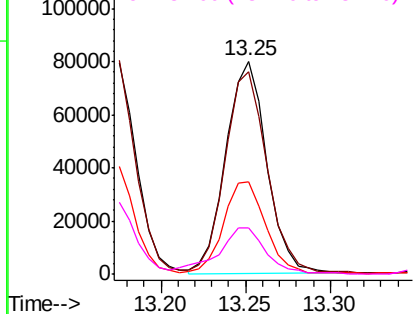


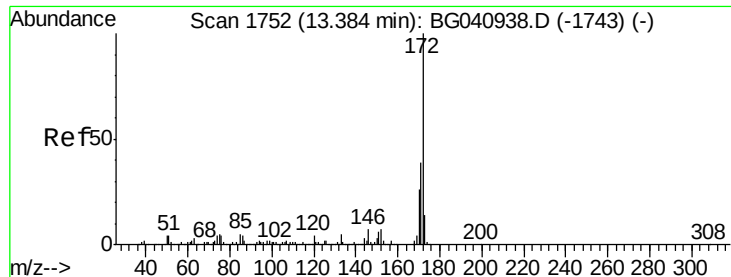
#44
 2,4,5-Trichlorophenol
 Concen: 46.618 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion:196 Resp: 134248
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.1 112.7
 97 43.3 35.6 53.4
 132 22.0 16.7 25.1



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

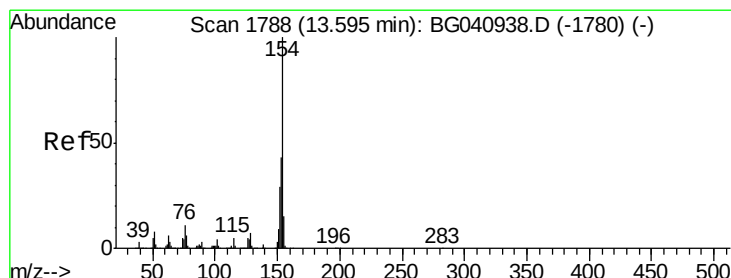
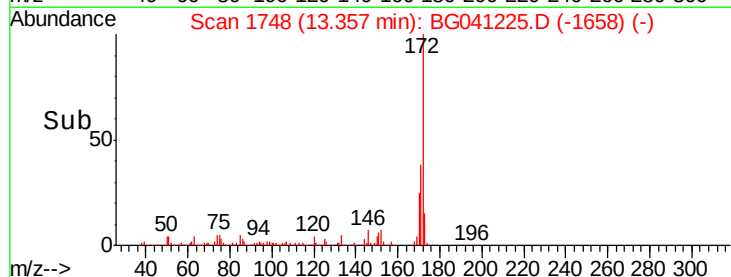
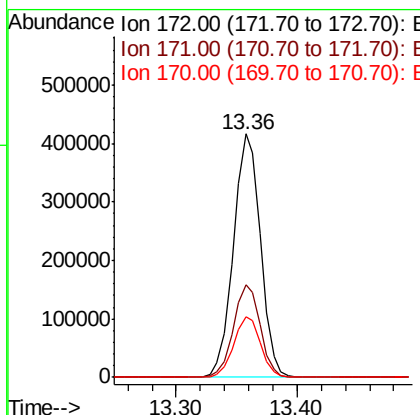
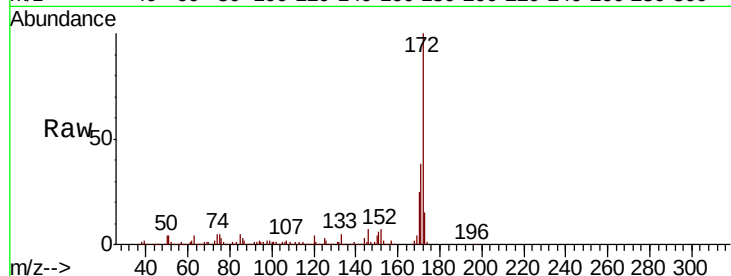




#45
2-Fluorobiphenyl
Concen: 89.080 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

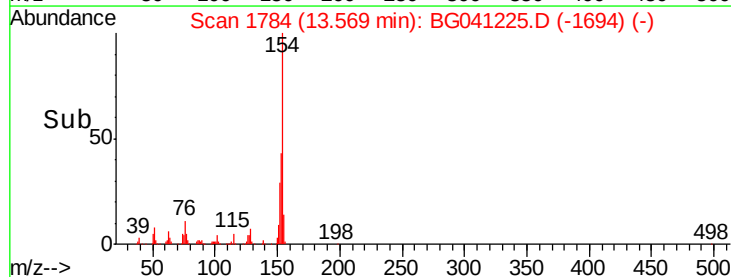
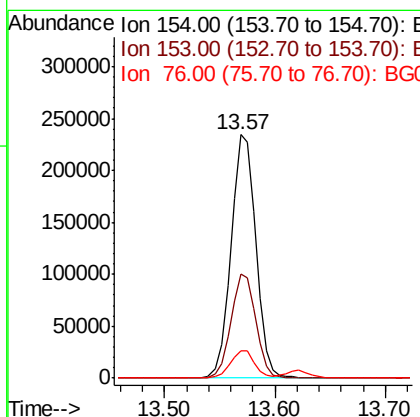
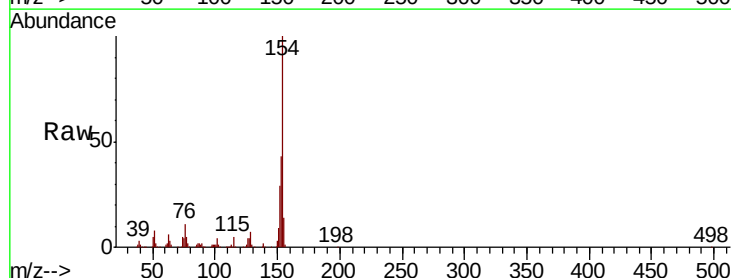
Instrument :
BNA_G
ClientSampleId :

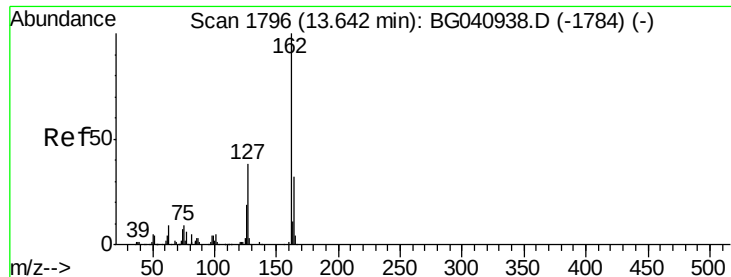
Tot Ion:172 Resp: 647773
Ion Ratio Lower Upper
172 100
171 37.8 31.1 46.7
170 25.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 47.627 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:154 Resp: 369190
Ion Ratio Lower Upper
154 100
153 42.6 23.3 63.3
76 11.4 0.0 31.1

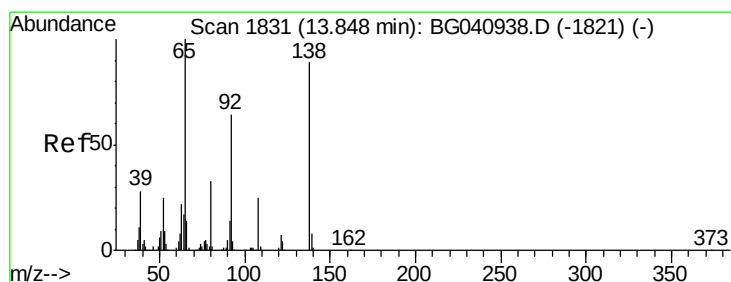
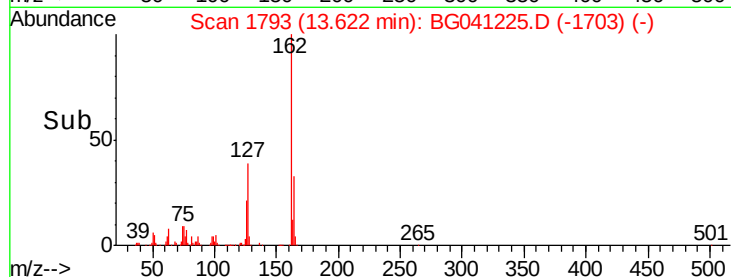
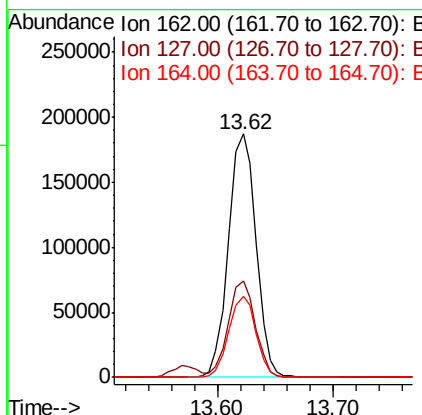
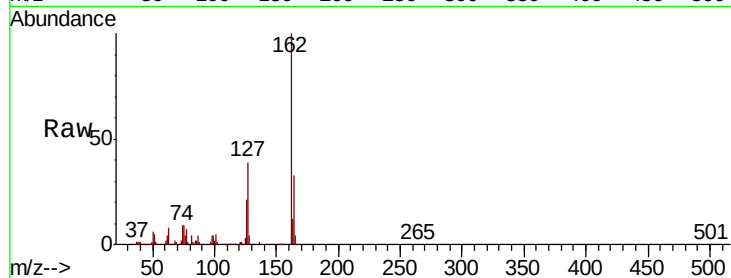




#47
 2-Chloronaphthalene
 Concen: 46.659 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

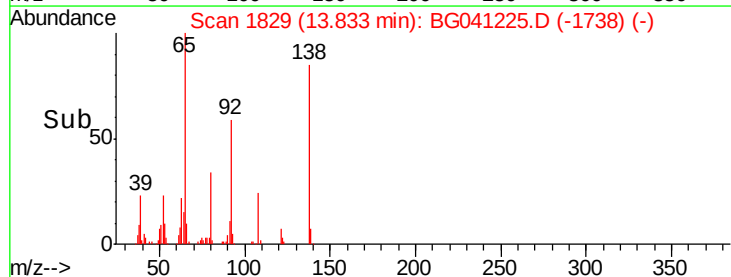
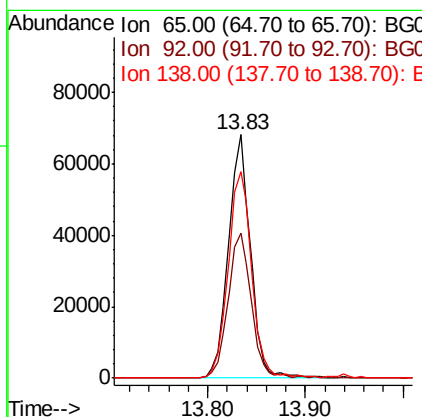
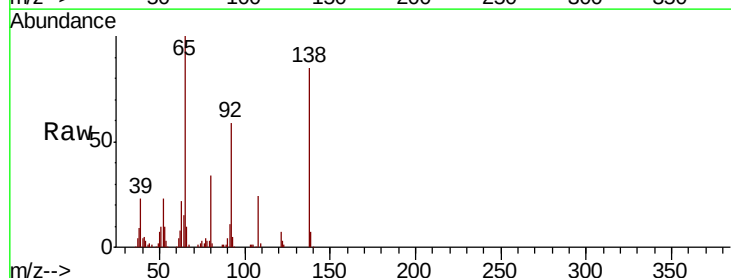
Instrument :
 BNA_G
 ClientSampled :

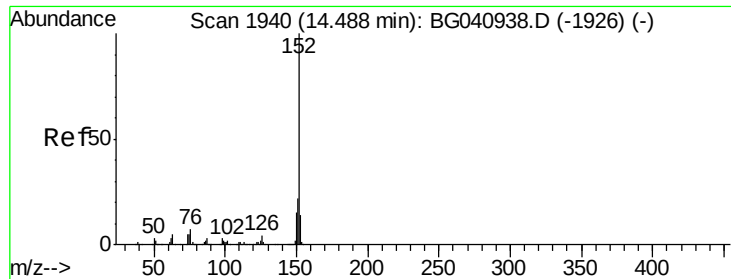
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.5	45.7
164	33.3	25.8	38.6



#48
 2-Nitroaniline
 Concen: 44.820 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	51.0	76.6
138	85.0	71.2	106.8





#49

Acenaphthylene

Concen: 47.191 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

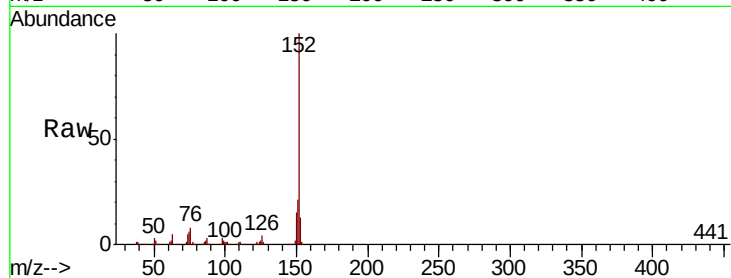
Tot Ion:152 Resp: 472653

Ion Ratio Lower Upper

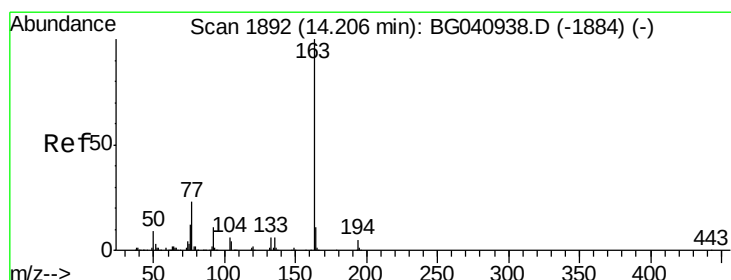
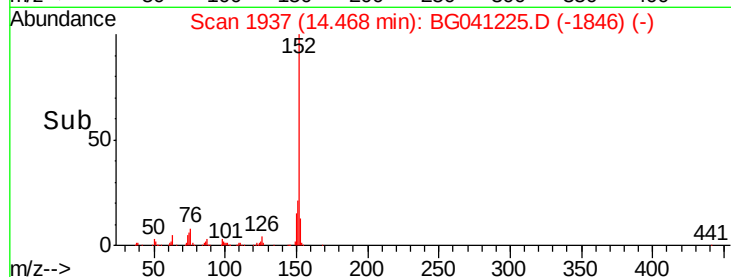
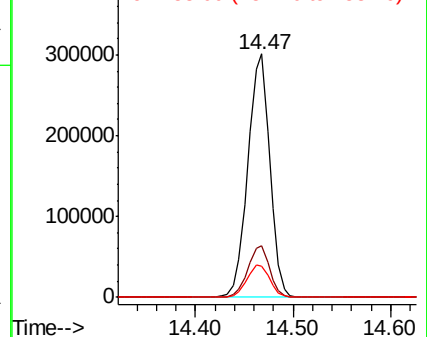
152 100

151 21.1 17.4 26.0

153 13.0 11.0 16.4



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: 44.641 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

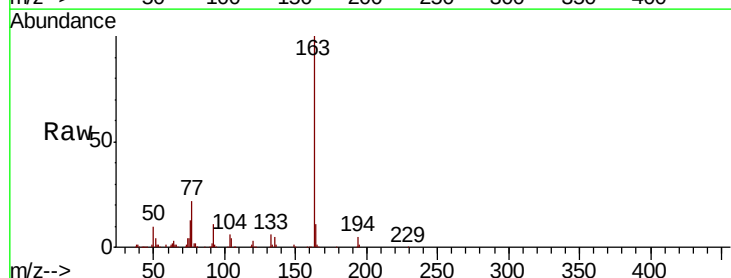
Tgt Ion:163 Resp: 395729

Ion Ratio Lower Upper

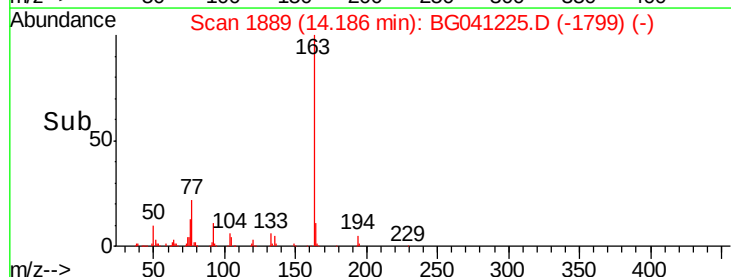
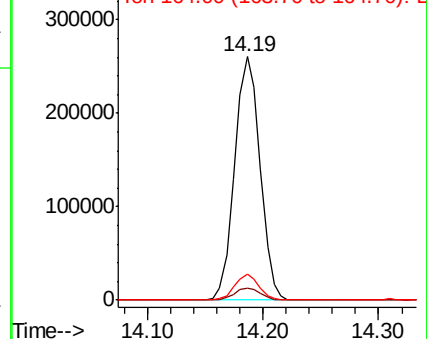
163 100

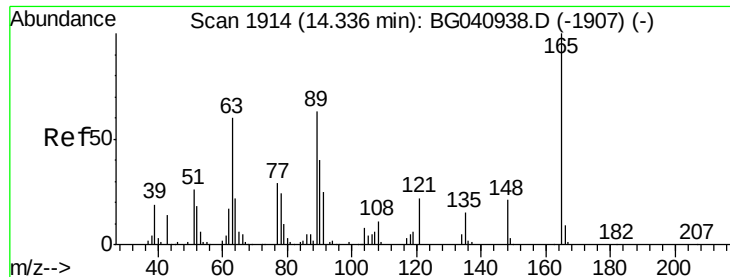
194 4.9 3.8 5.8

164 10.8 8.7 13.1



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

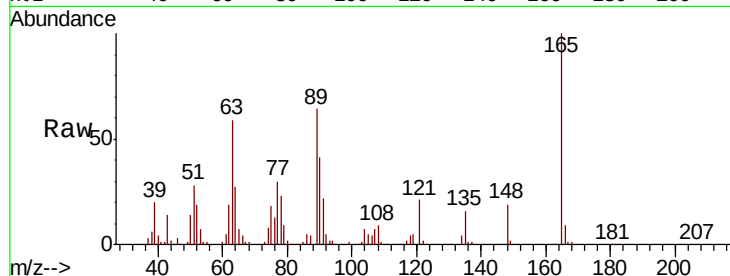




#51
 2,6-Dinitrotoluene
 Concen: 47.786 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	53.6	80.4
89	63.7	50.4	75.6

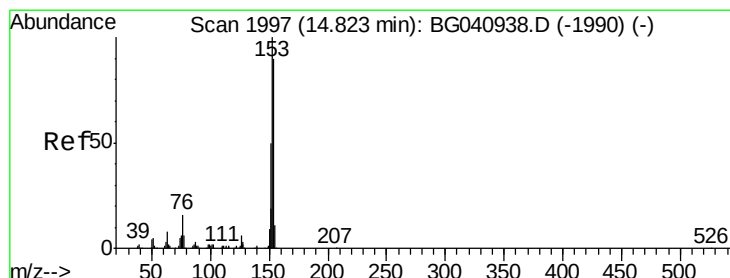
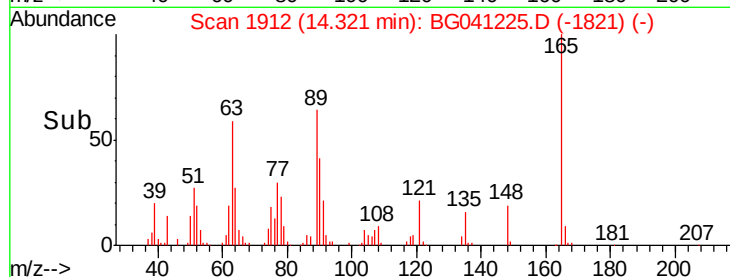
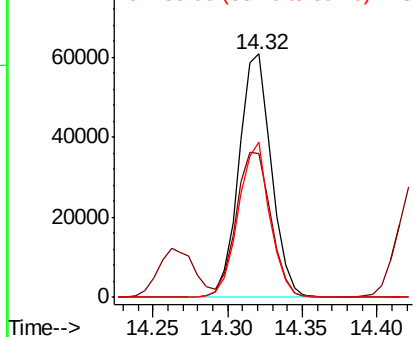


Abundance

Ion 165.00 (164.70 to 165.70): E

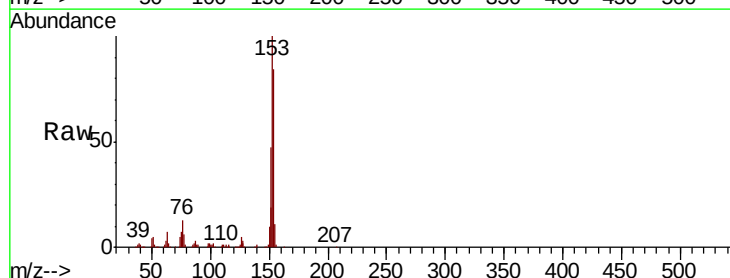
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 45.674 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.1	88.6	133.0
152	56.1	44.2	66.4

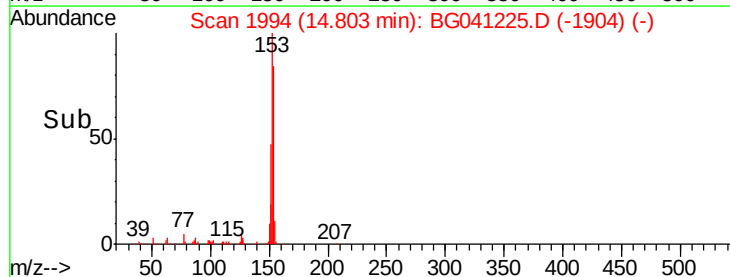
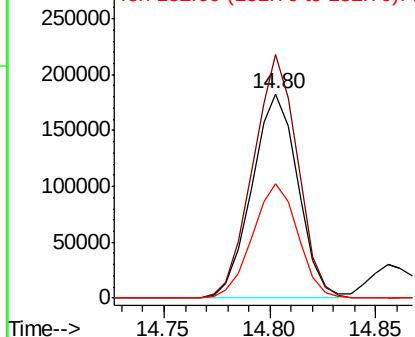


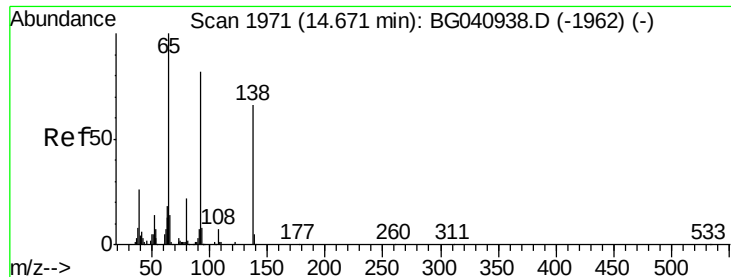
Abundance

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: 34.814 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

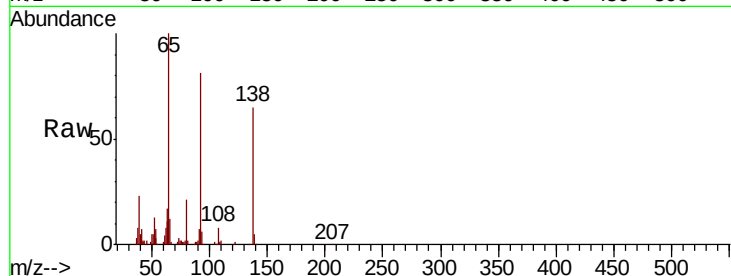
Tot Ion:138 Resp: 66539

Ion Ratio Lower Upper

138 100

108 12.8 8.5 12.7#

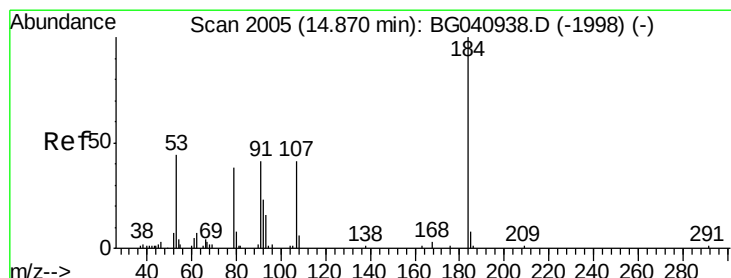
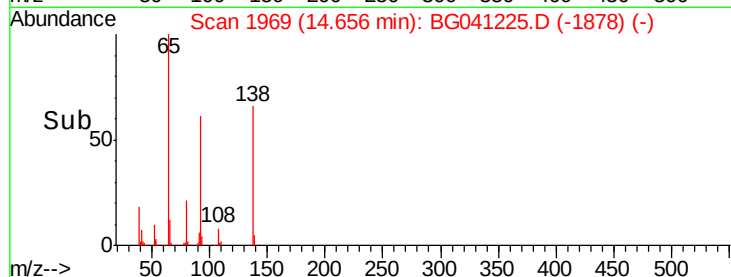
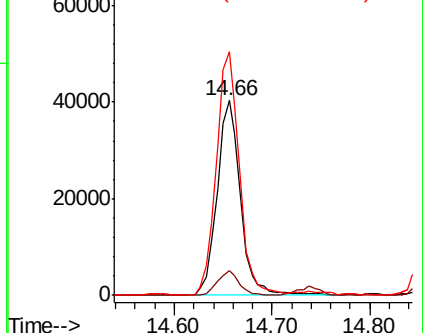
92 125.0 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.882 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

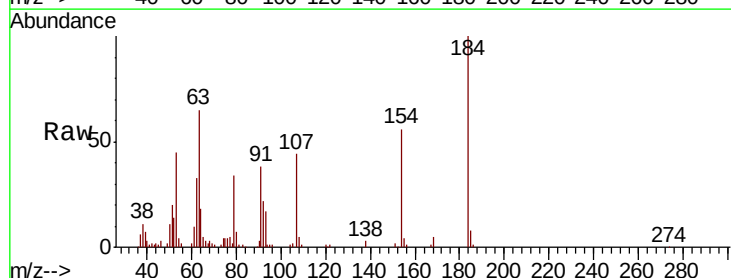
Tgt Ion:184 Resp: 86797

Ion Ratio Lower Upper

184 100

63 65.0 49.8 74.6

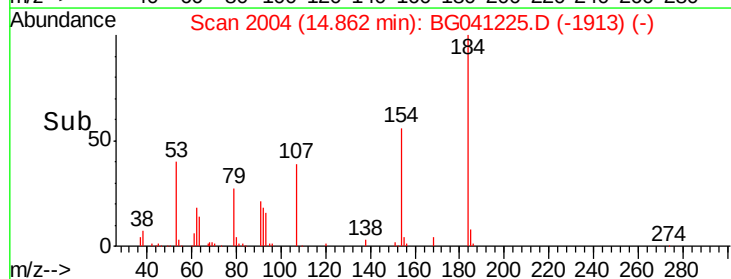
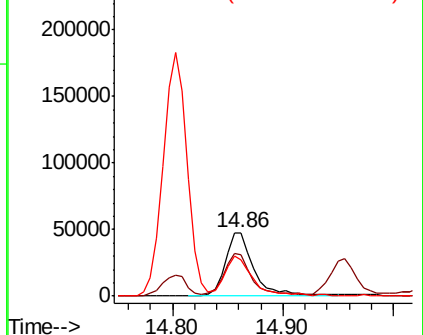
154 56.3 52.2 78.4

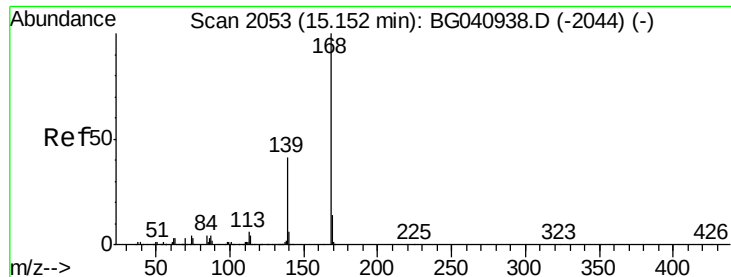


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

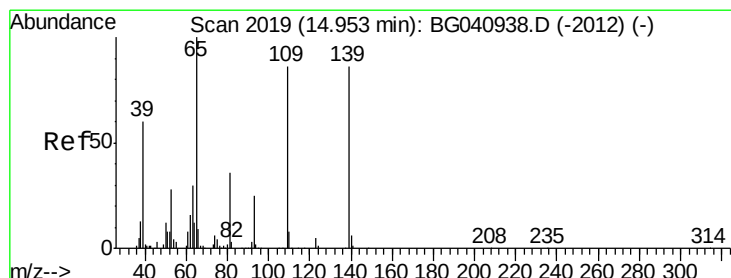
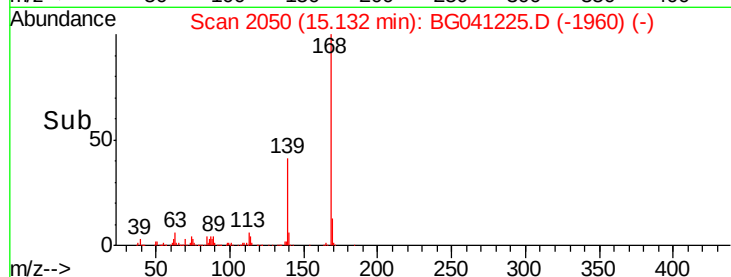
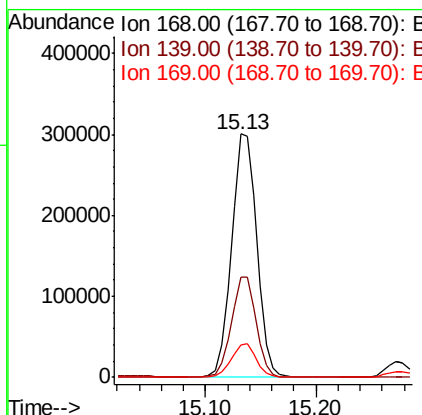
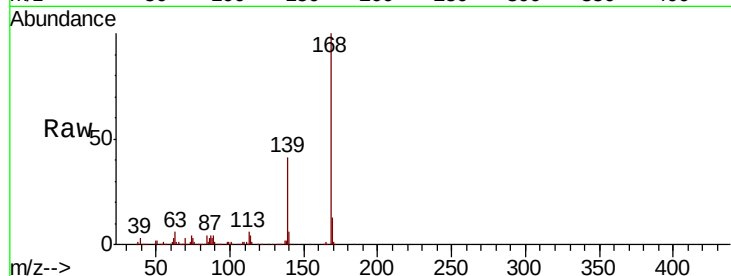




#55
Dibenzofuran
Concen: 47.154 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

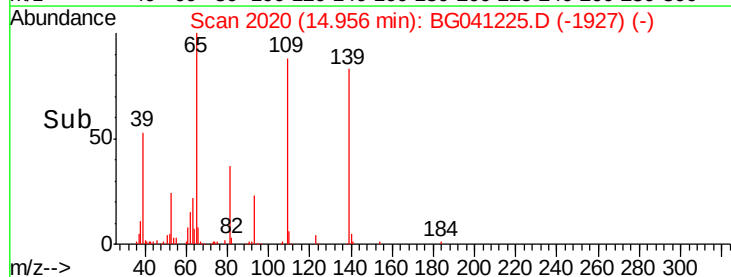
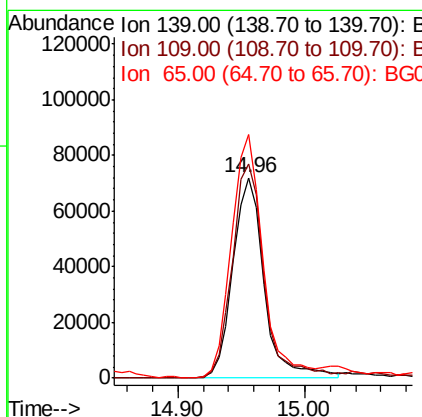
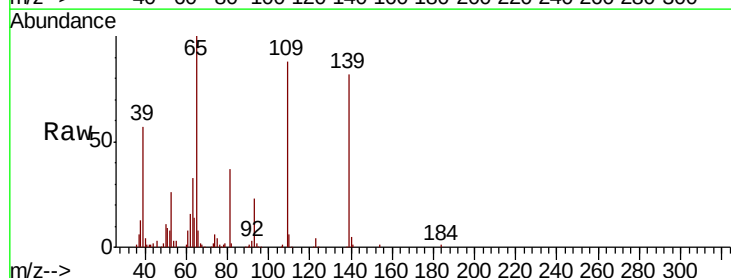
Instrument :
BNA_G
ClientSampleId :

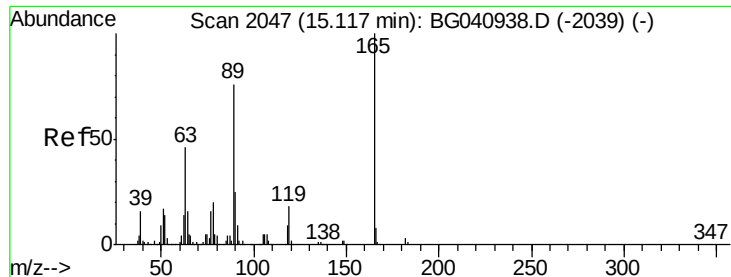
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.8	49.2
169	13.5	11.3	16.9



#56
4-Nitrophenol
Concen: 93.579 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.8	79.6	119.6
65	121.4	96.9	136.9

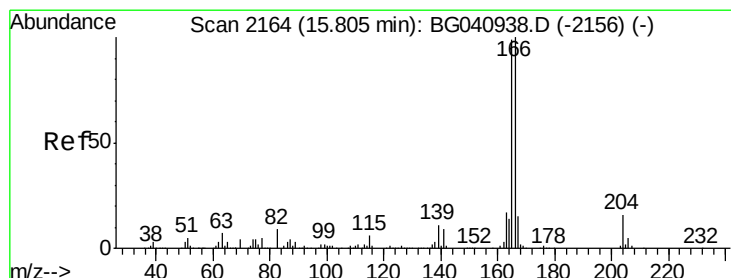
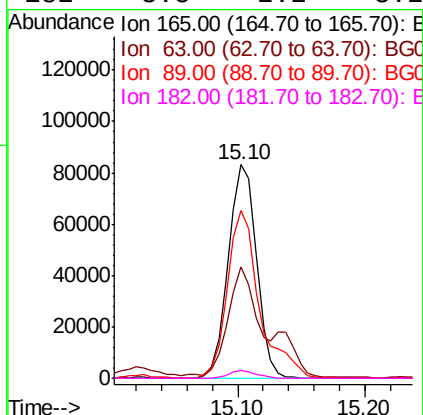
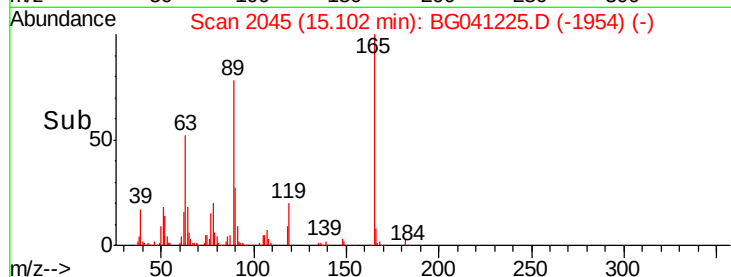
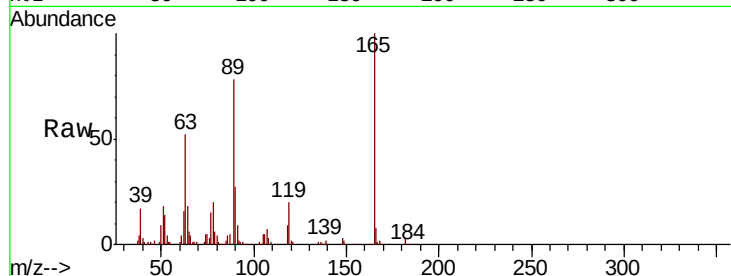




#57
2,4-Dinitrotoluene
Concen: 47.265 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

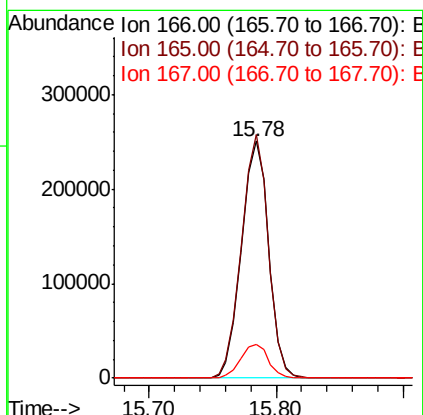
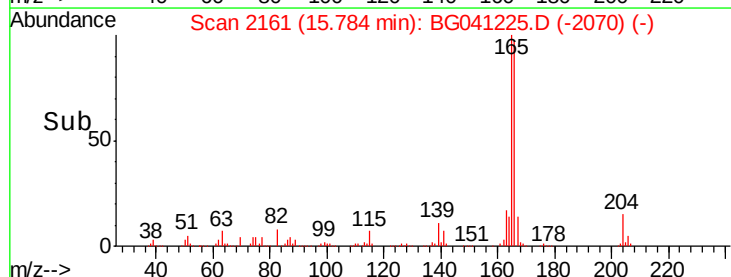
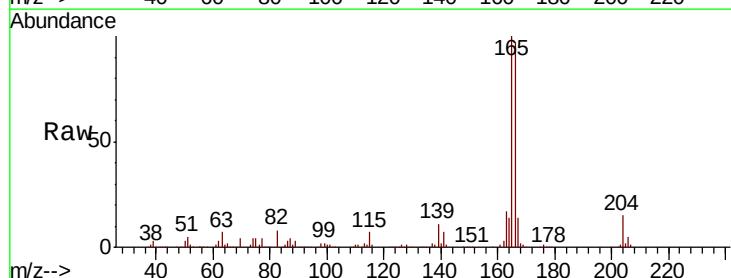
Instrument :
BNA_G
ClientSampleId :

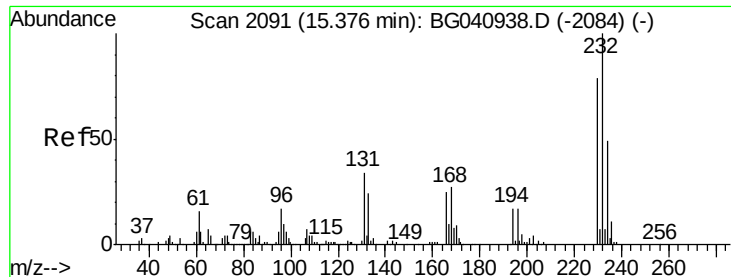
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	37.3	55.9
89	78.2	61.0	91.6
182	3.5	2.2	3.2#



#58
Fluorene
Concen: 45.891 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.8	79.2	118.8
167	14.2	11.8	17.6

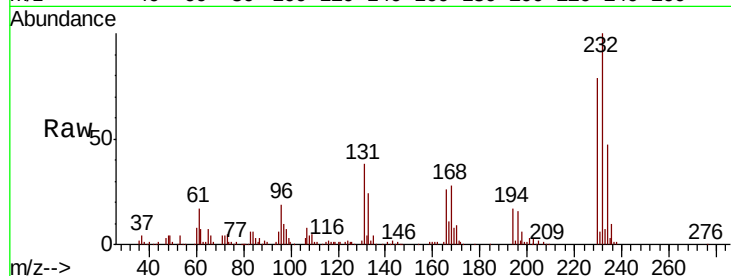




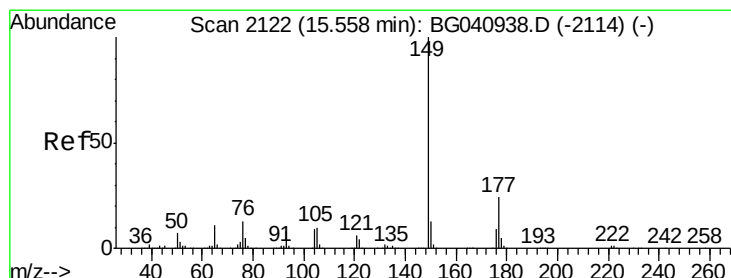
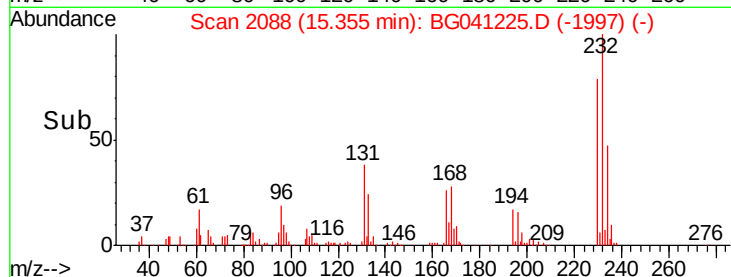
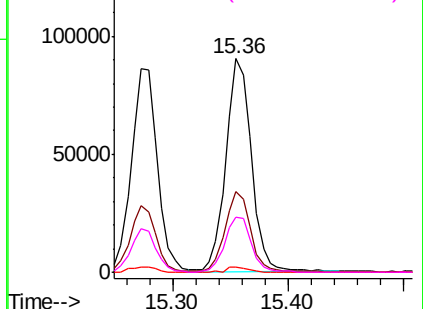
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.151 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	139100
Ion	Ratio	Lower Upper
232	100	
131	37.1	30.3 45.5
130	2.0	1.8 2.8
166	26.8	21.3 31.9

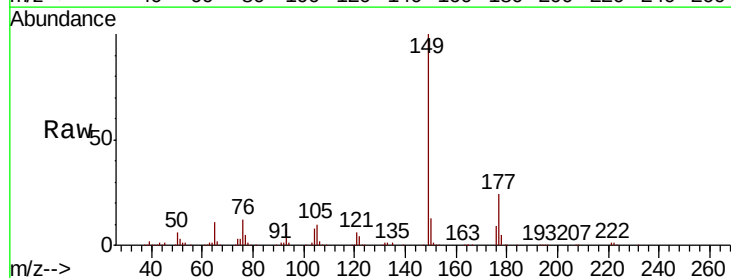


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

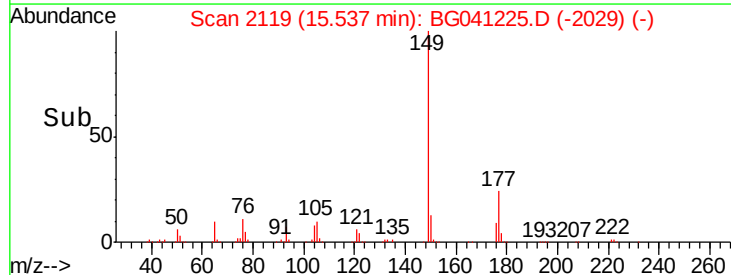
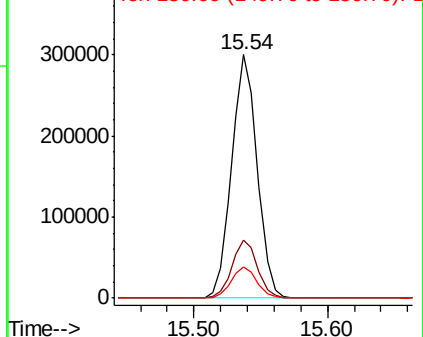


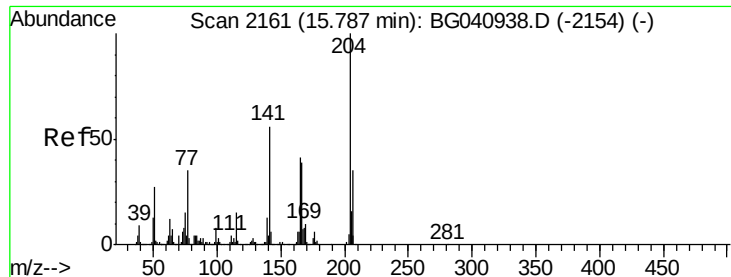
#60
 Diethylphthalate
 Concen: 44.406 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion:149	Resp:	401729
Ion	Ratio	Lower Upper
149	100	
177	23.7	19.4 29.0
150	13.0	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

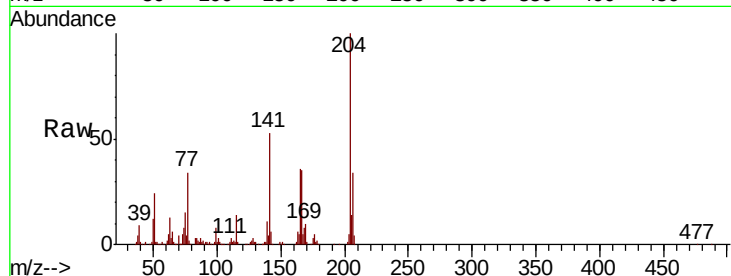




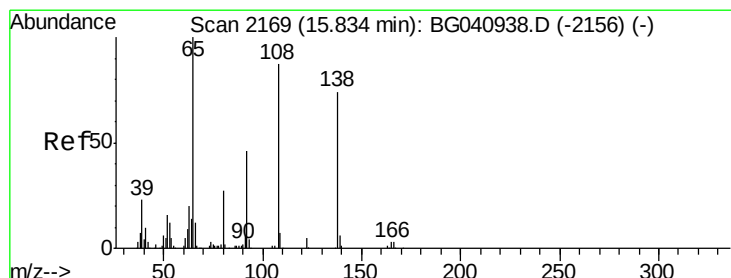
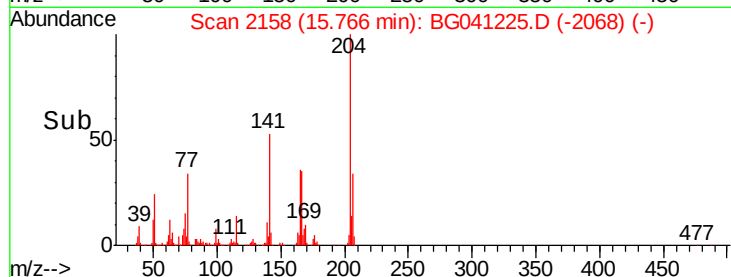
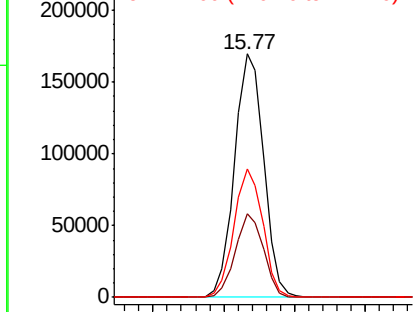
#61
4-Chlorophenyl-phenylether
Concen: 46.270 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 244530
Ion Ratio Lower Upper
204 100
206 34.3 27.6 41.4
141 52.6 45.1 67.7

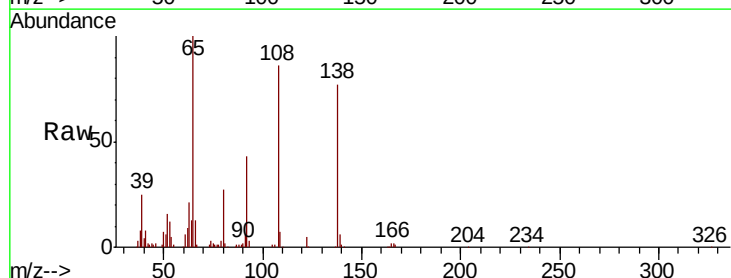


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

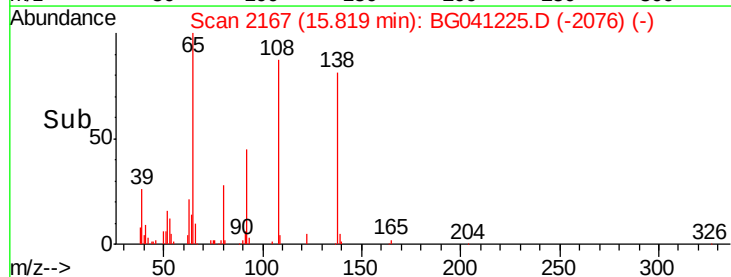
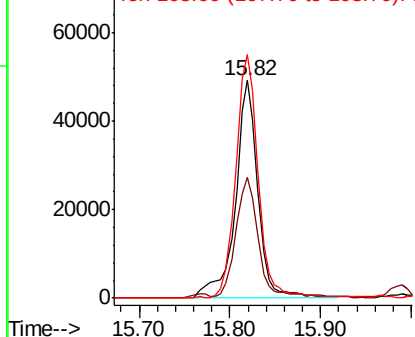


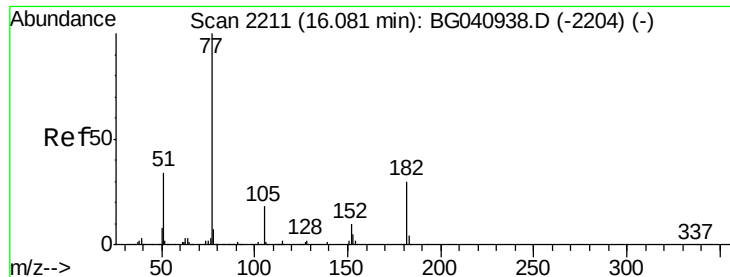
#62
4-Nitroaniline
Concen: 42.302 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:138 Resp: 85594
Ion Ratio Lower Upper
138 100
92 55.6 42.4 82.4
108 112.0 96.9 136.9



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: 44.971 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 369774

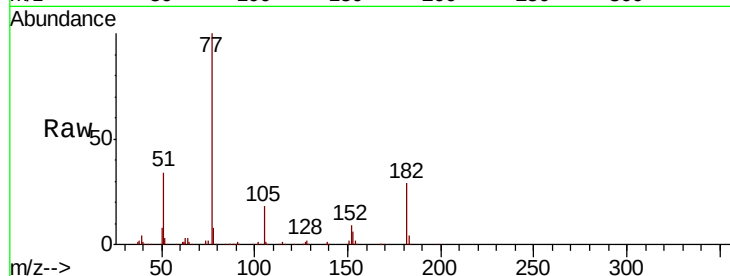
Ion Ratio Lower Upper

77 100

182 28.5 9.6 49.6

105 17.9 0.0 37.5

51 33.7 13.7 53.7

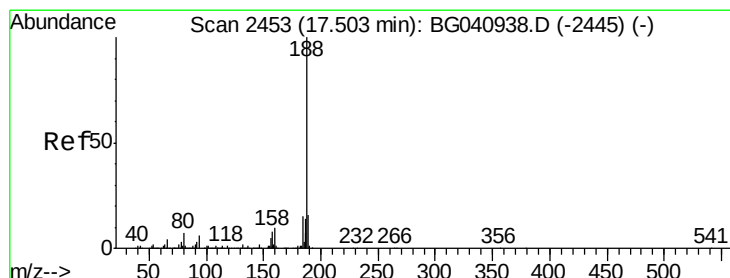
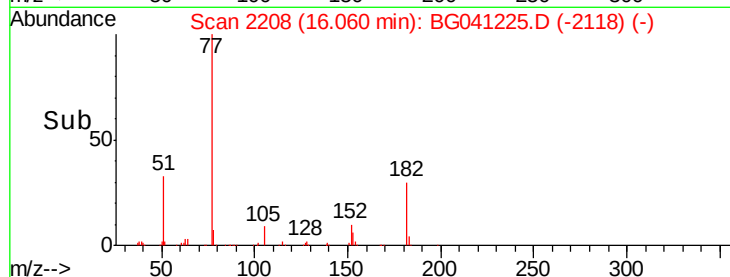
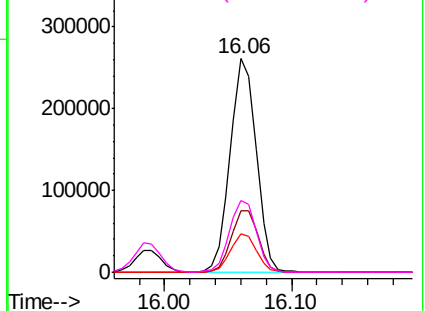


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

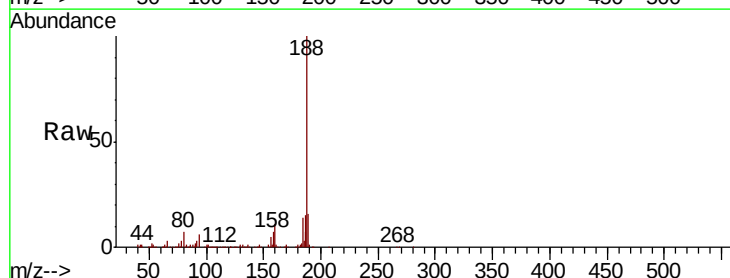
Tgt Ion: 188 Resp: 262605

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

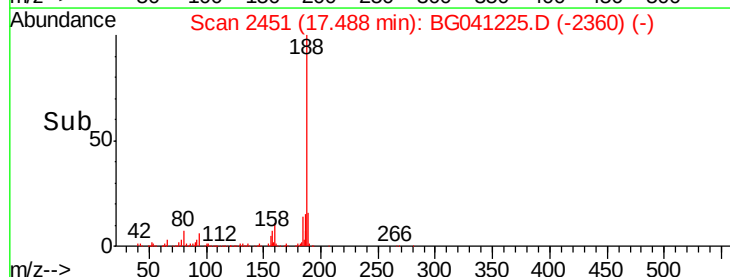
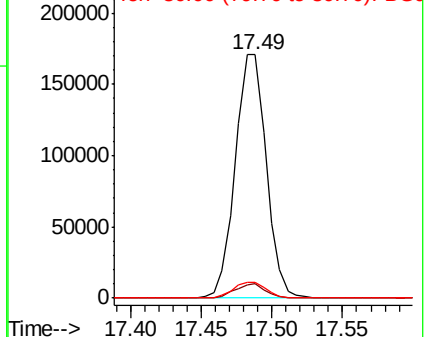
80 6.7 5.8 8.8

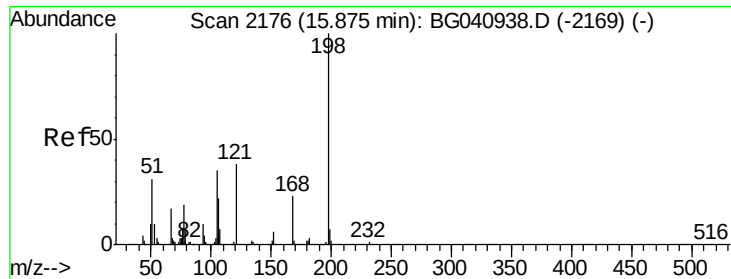


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.349 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

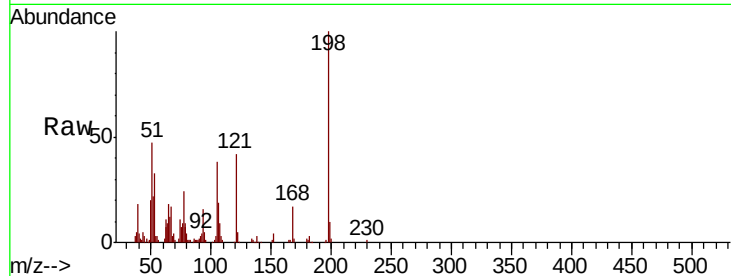
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 69857

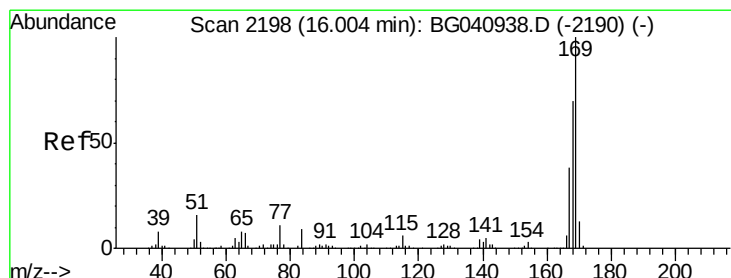
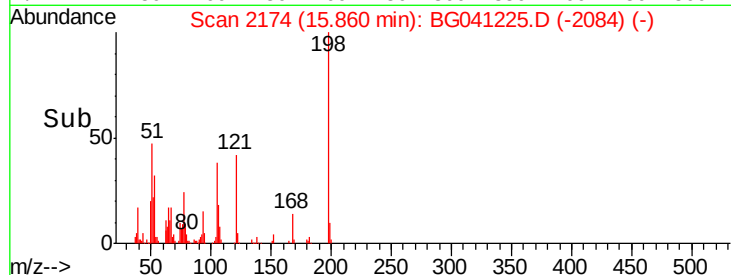
Ion	Ratio	Lower	Upper
198	100		
51	47.3	21.6	61.6
105	38.5	17.5	57.5



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: 46.181 ng

RT: 15.99 min Scan# 2196

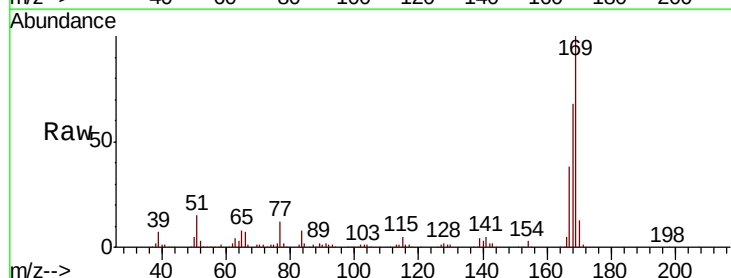
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:169 Resp: 340912

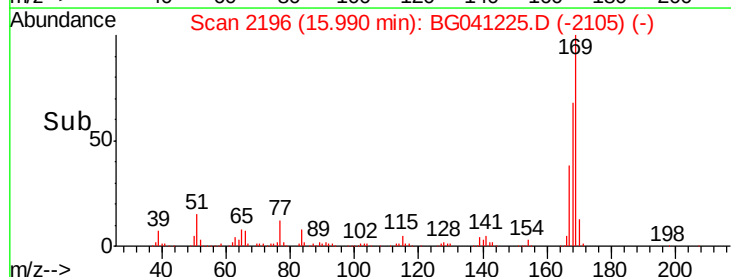
Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.7	83.5
167	37.8	30.2	45.2

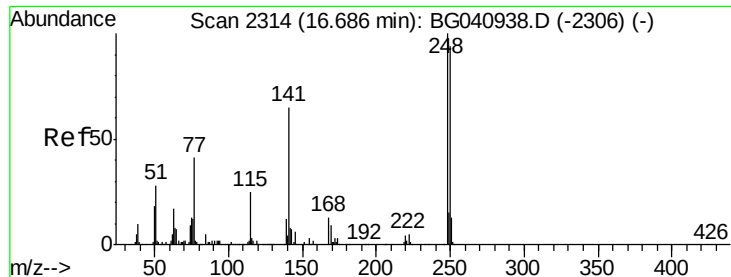


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

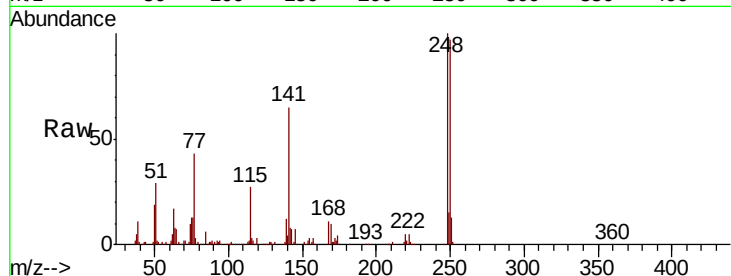




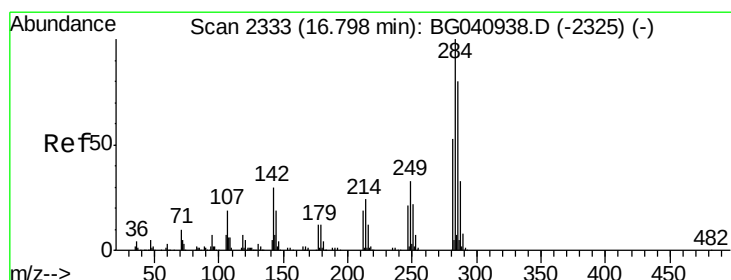
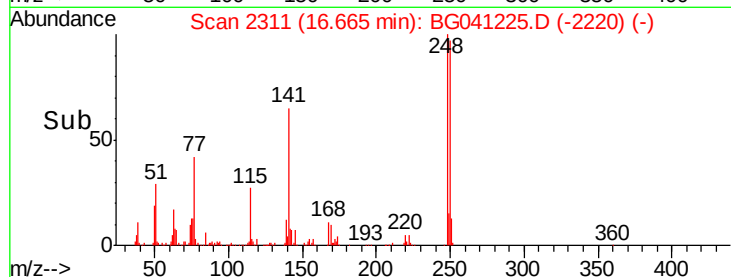
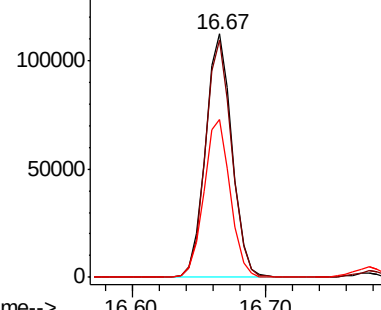
#67
4-Bromophenyl-phenylether
Concen: 43.861 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 155441
Ion Ratio Lower Upper
248 100
250 97.4 75.0 112.4
141 65.1 52.4 78.6

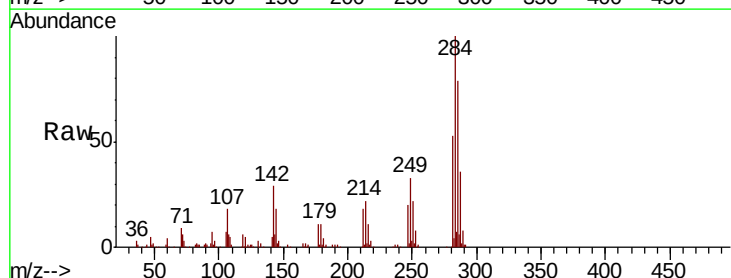


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

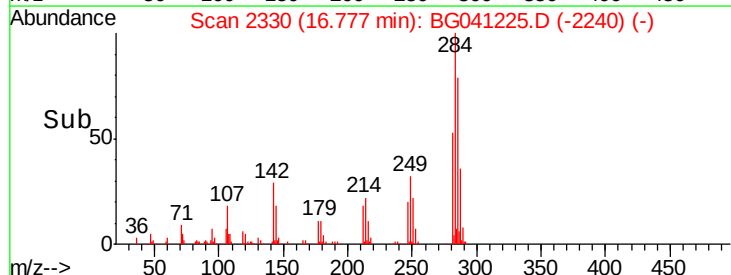
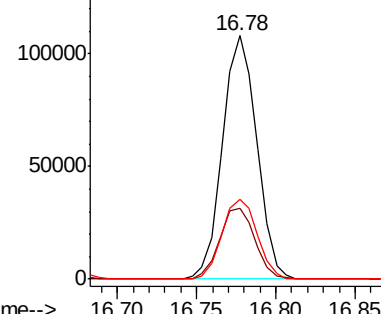


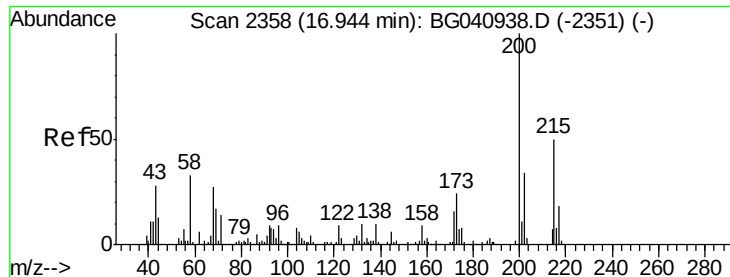
#68
Hexachlorobenzene
Concen: 42.935 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:284 Resp: 162027
Ion Ratio Lower Upper
284 100
142 29.3 23.9 35.9
249 32.7 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.658 ng

RT: 16.93 min Scan# 2356

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampled :

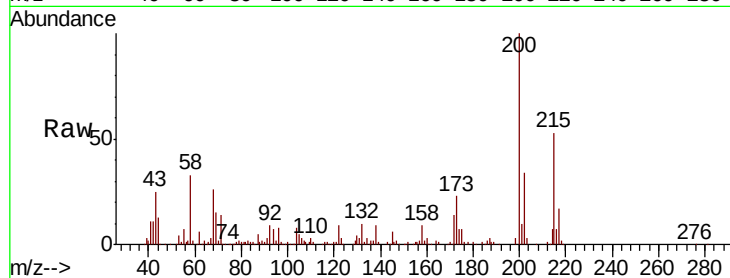
Tot Ion:200 Resp: 141447

Ion Ratio Lower Upper

200 100

173 22.7 3.6 43.6

215 53.3 29.6 69.6

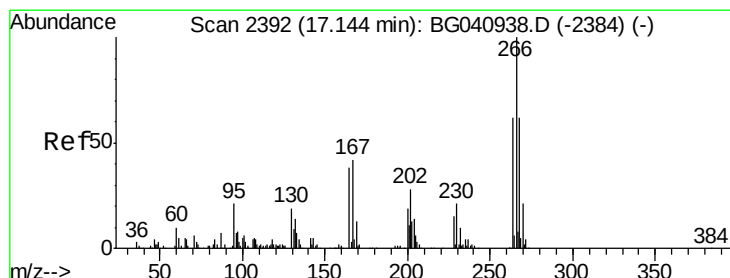
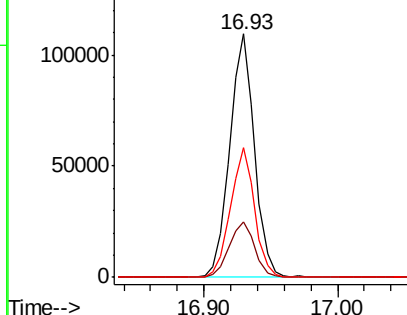
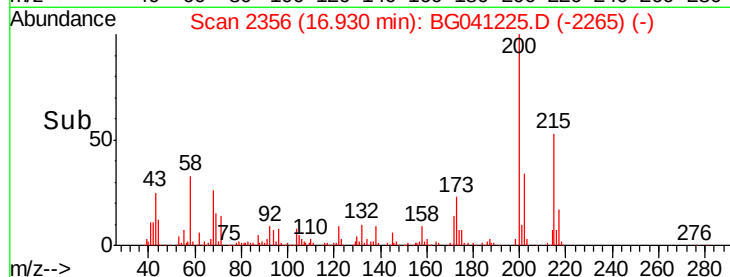


Abundance

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: 87.750 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

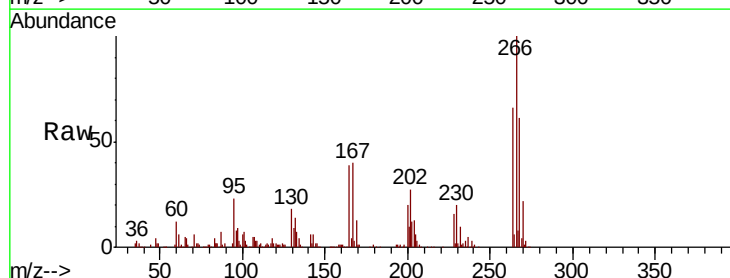
Tgt Ion:266 Resp: 178275

Ion Ratio Lower Upper

266 100

268 61.1 53.1 79.7

264 66.2 49.9 74.9

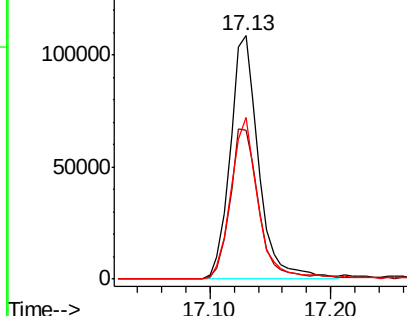
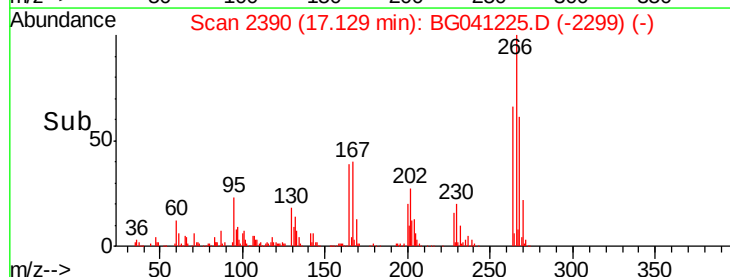


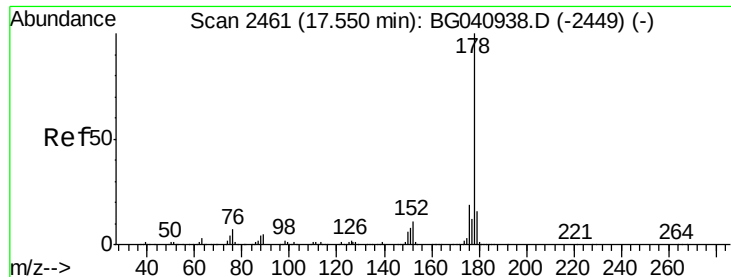
Abundance

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

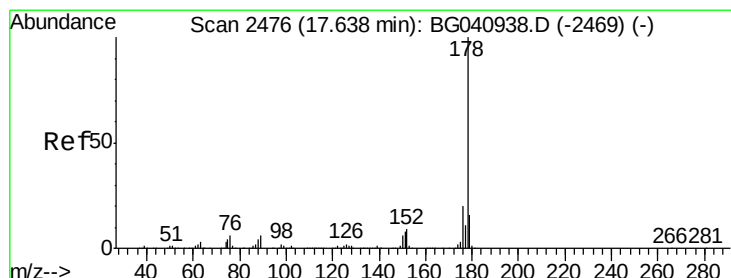
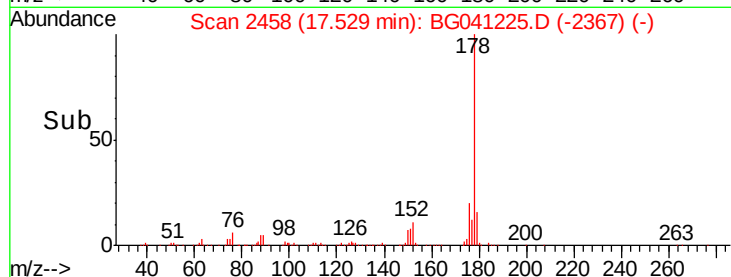
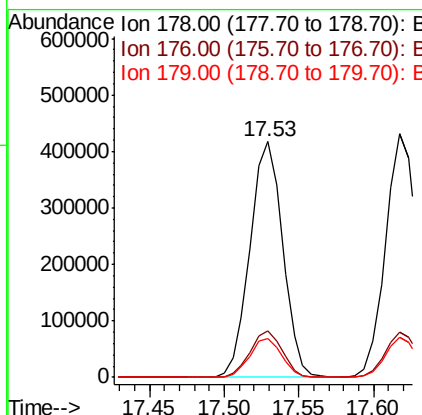
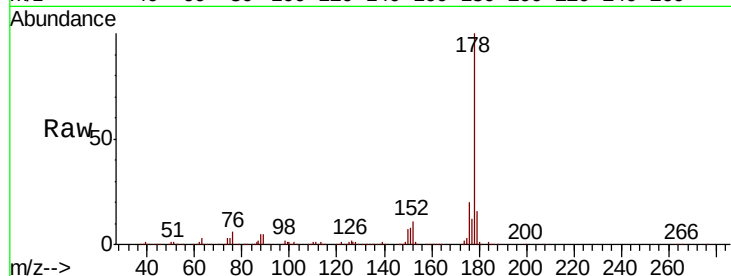




#71
Phenanthrene
Concen: 46.272 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

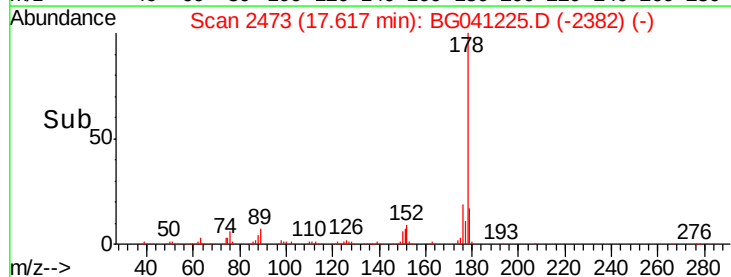
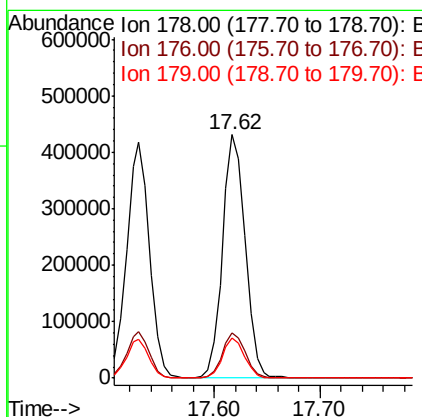
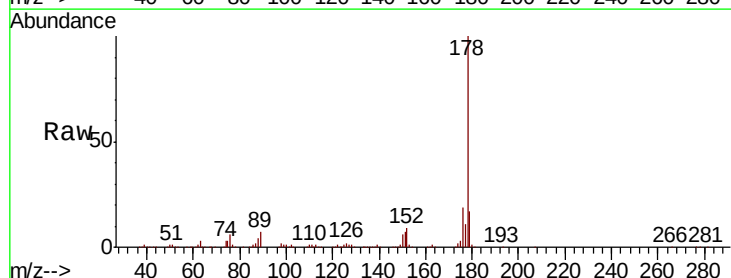
Instrument :
BNA_G
ClientSampleId :

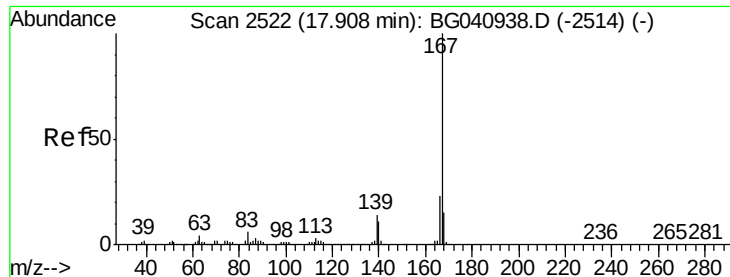
Tot Ion:178 Resp: 632936
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.3 12.7 19.1



#72
Anthracene
Concen: 47.622 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:178 Resp: 642464
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 16.5 13.0 19.4

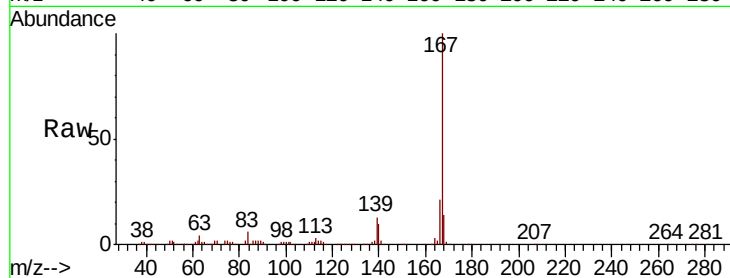




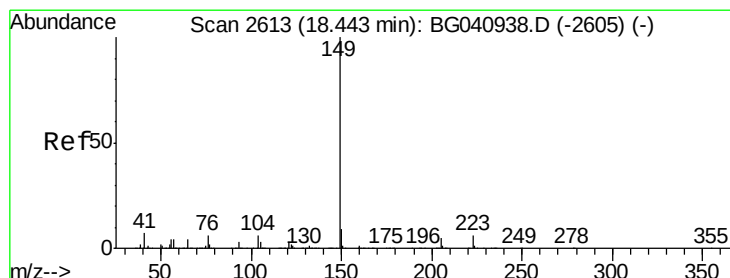
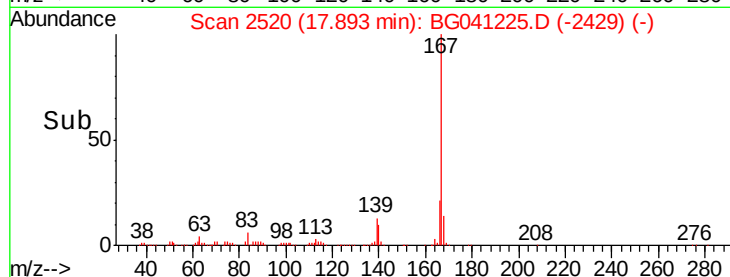
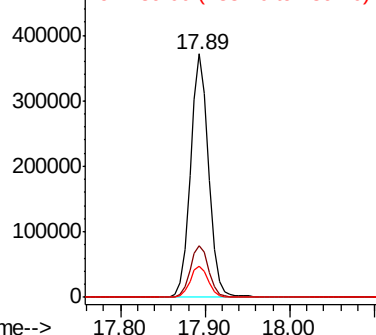
#73
 Carbazole
 Concen: 48.088 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.4
139	13.0	10.8	16.2

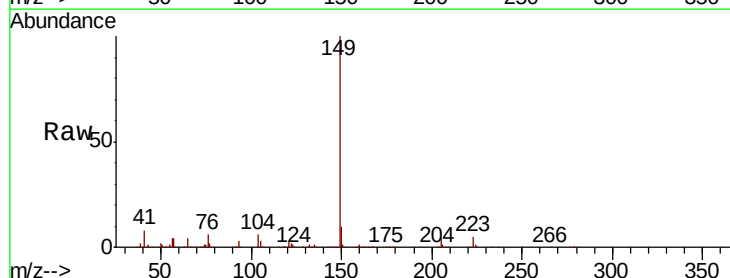


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

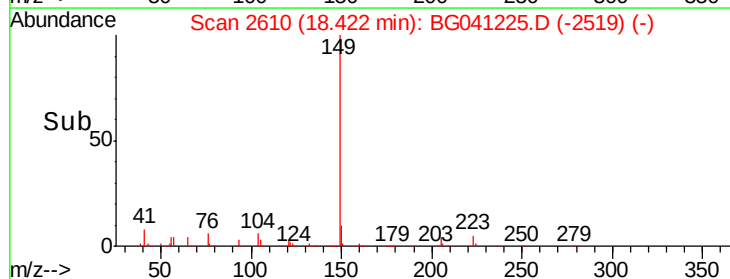
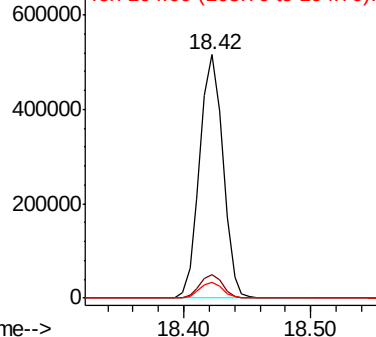


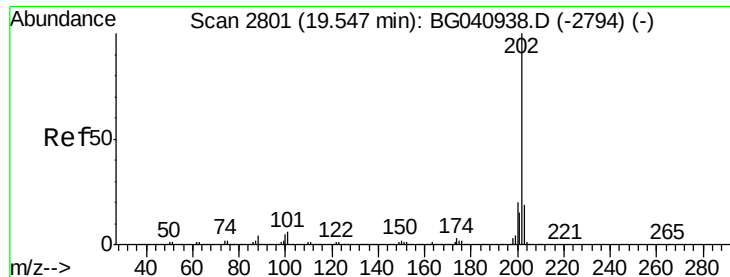
#74
 Di-n-butylphthalate
 Concen: 45.580 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.4	5.0	7.4



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: 48.006 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

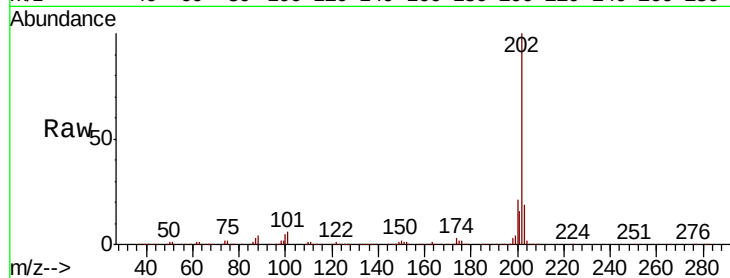
Tot Ion:202 Resp: 811088

Ion Ratio Lower Upper

202 100

101 5.6 0.0 26.2

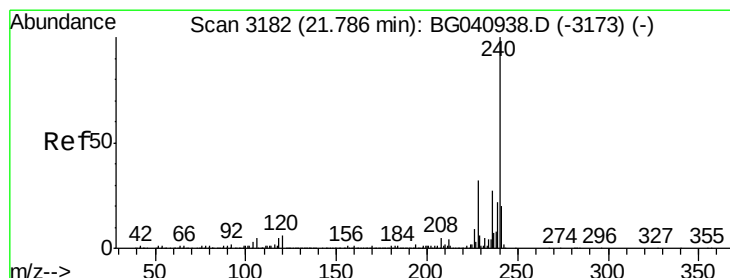
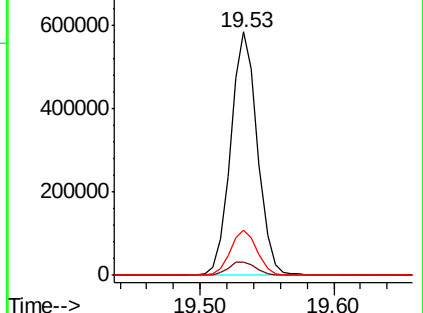
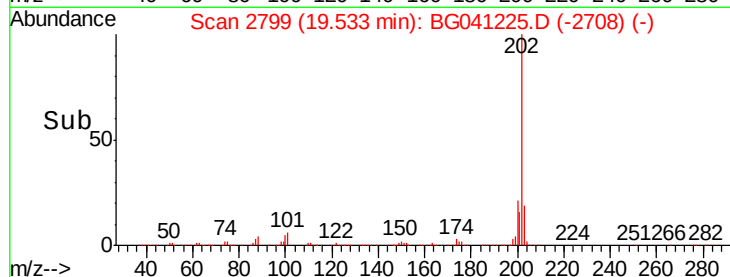
203 18.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

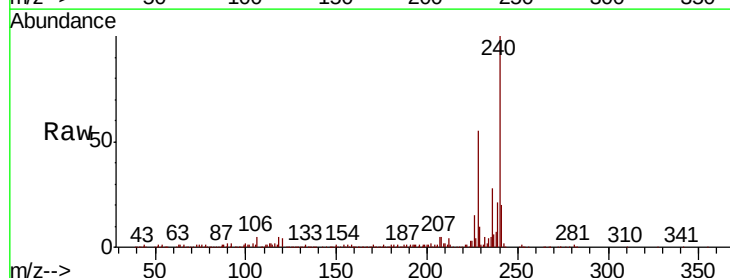
Tgt Ion:240 Resp: 264951

Ion Ratio Lower Upper

240 100

120 4.4 4.5 6.7#

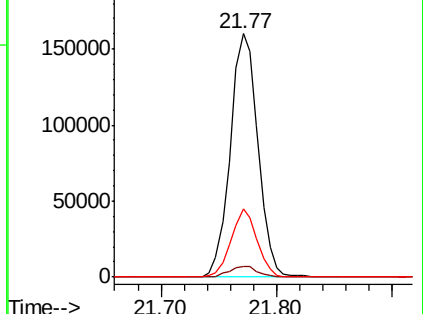
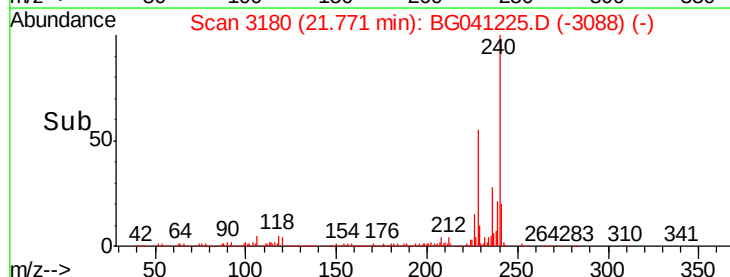
236 27.9 21.3 31.9

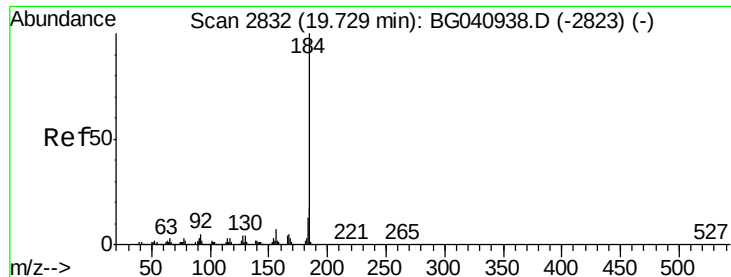


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.257 ng

RT: 19.71 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

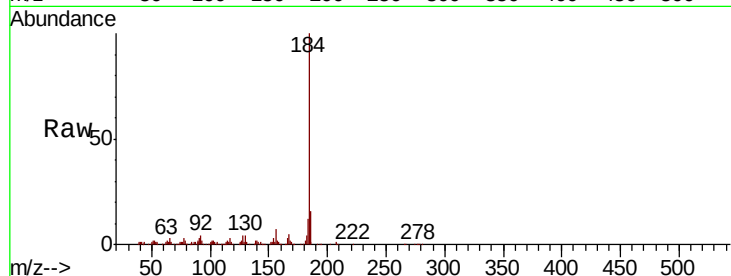
Tot Ion:184 Resp: 241800

Ion Ratio Lower Upper

184 100

185 15.7 13.3 19.9

183 12.2 10.7 16.1

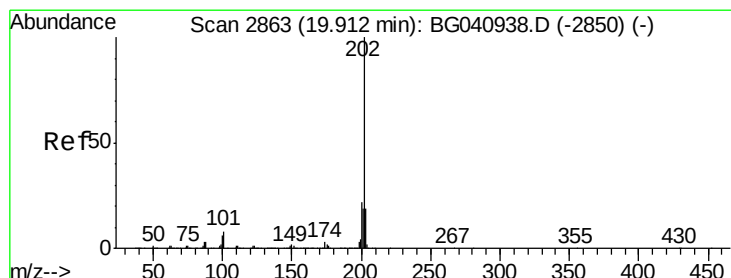
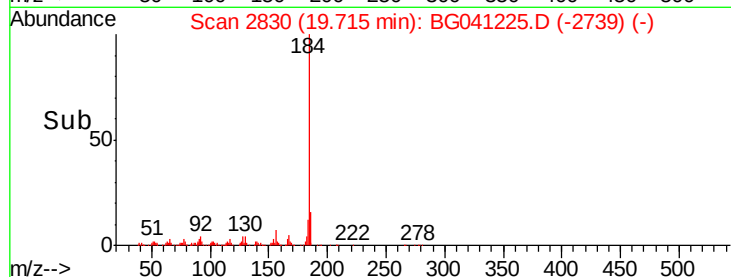
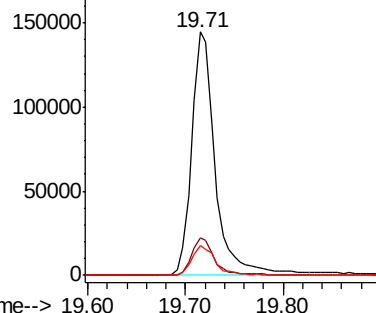


Abundance

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: 47.617 ng

RT: 19.90 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

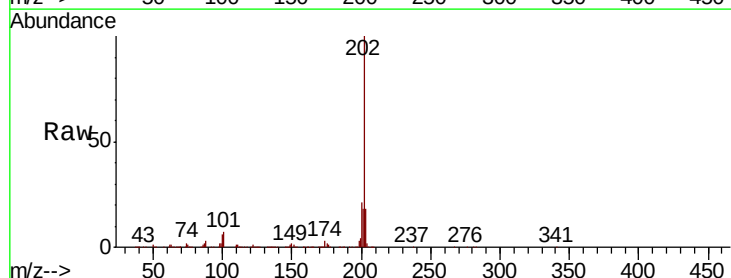
Tgt Ion:202 Resp: 820137

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

203 18.4 15.6 23.4

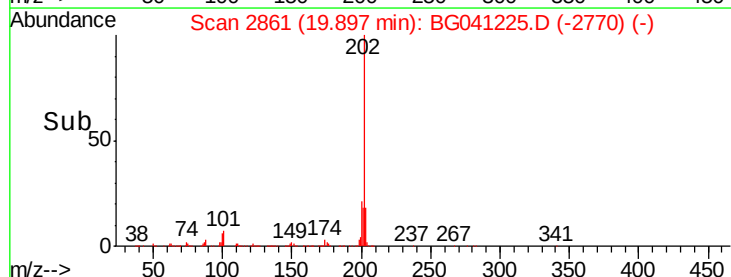
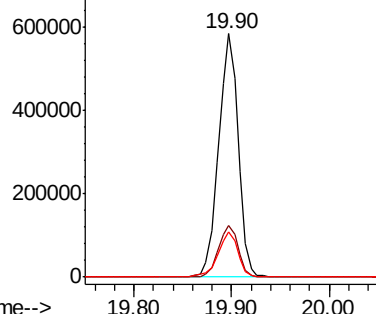


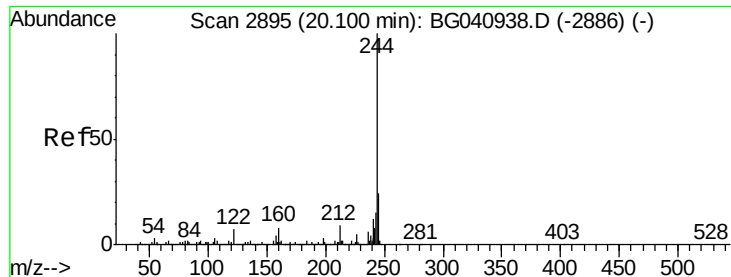
Abundance

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: 90.256 ng

RT: 20.08 min Scan# 2893

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

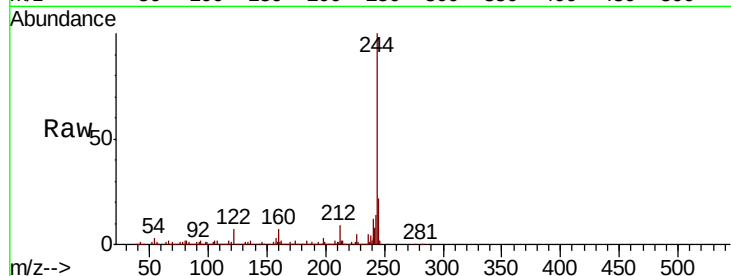
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1126746

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	6.6	5.4	8.0

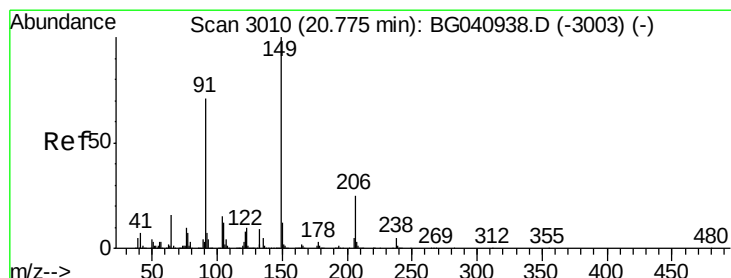
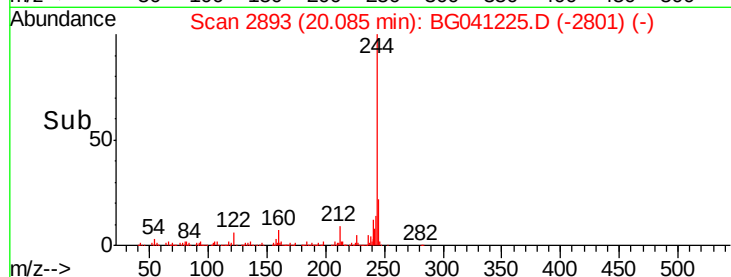
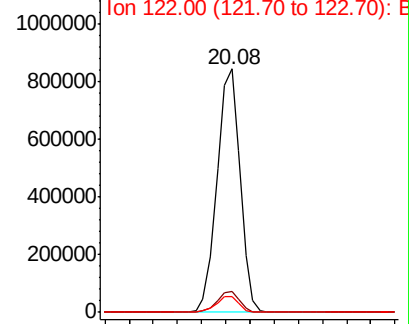


Abundance

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: 45.584 ng

RT: 20.76 min Scan# 3008

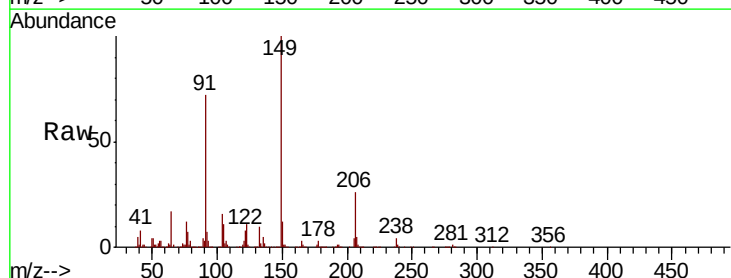
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:149 Resp: 305532

Ion	Ratio	Lower	Upper
149	100		
91	72.4	56.5	84.7
206	25.8	20.3	30.5

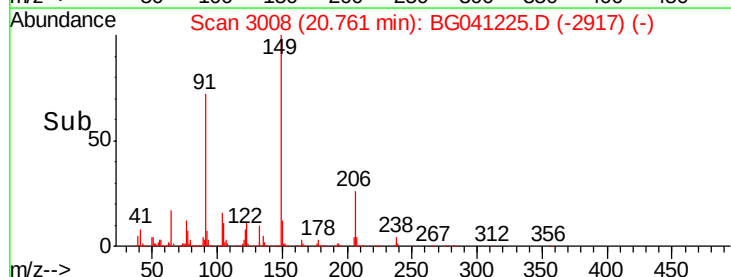
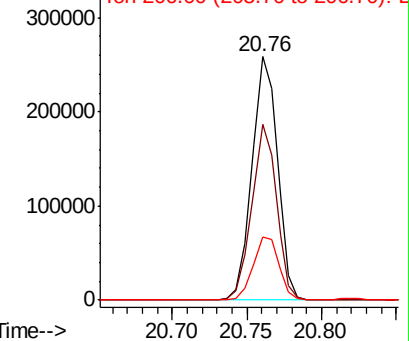


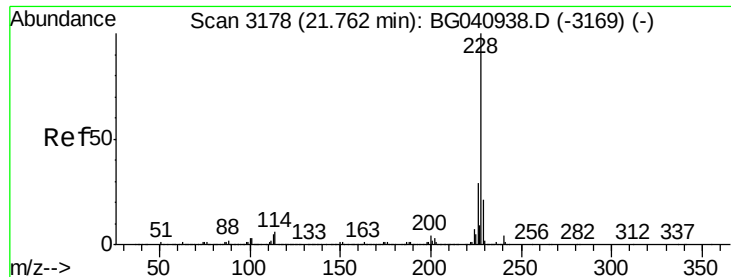
Abundance

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: 44.892 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

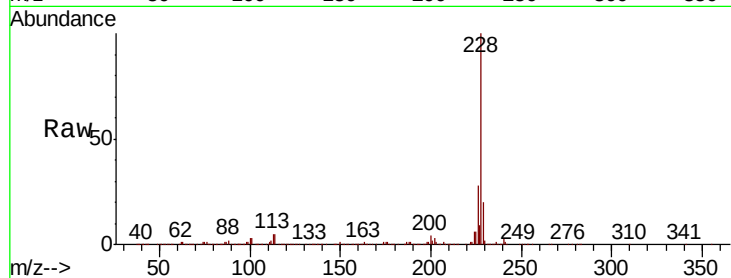
Tot Ion:228 Resp: 791744

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.5	35.3
229	20.4	16.7	25.1

228 100

226 27.6 23.5 35.3

229 20.4 16.7 25.1

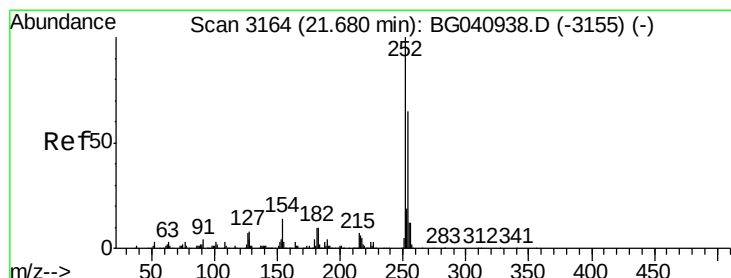
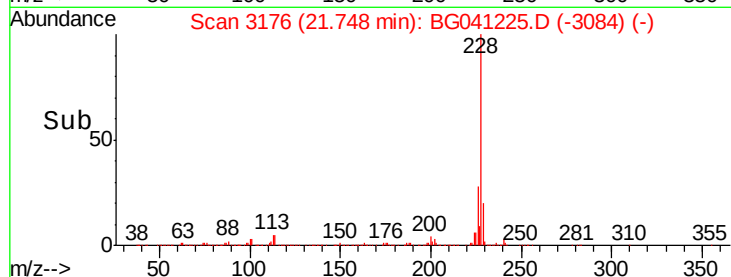
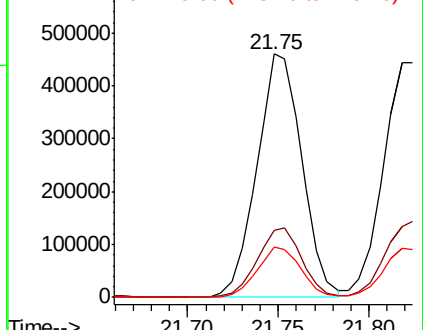


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.802 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

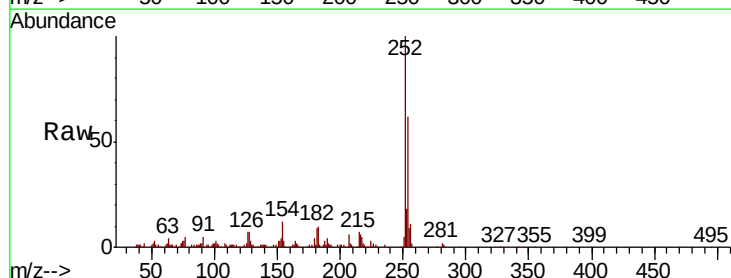
Tgt Ion:252 Resp: 178664

Ion	Ratio	Lower	Upper
252	100		
254	61.8	52.1	78.1
126	7.2	5.5	8.3

252 100

254 61.8 52.1 78.1

126 7.2 5.5 8.3

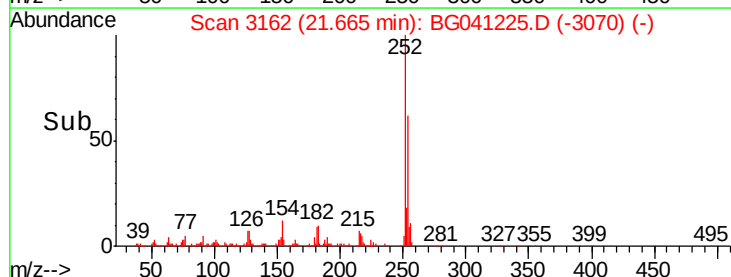
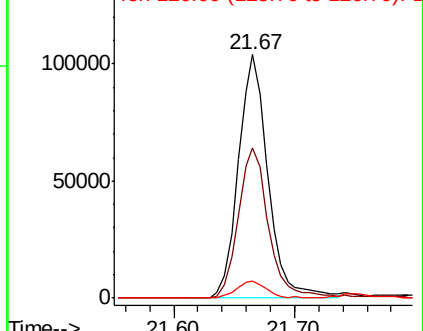


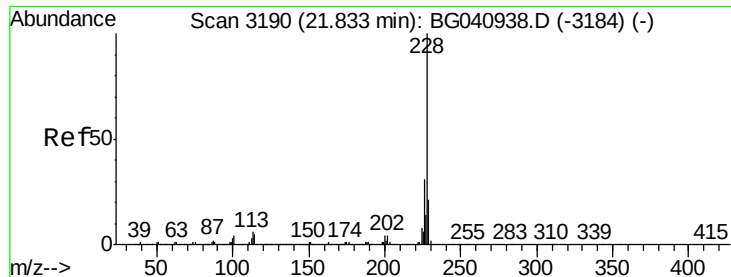
Abundance

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: 46.131 ng

RT: 21.82 min Scan# 3189

Delta R.T. 0.02 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

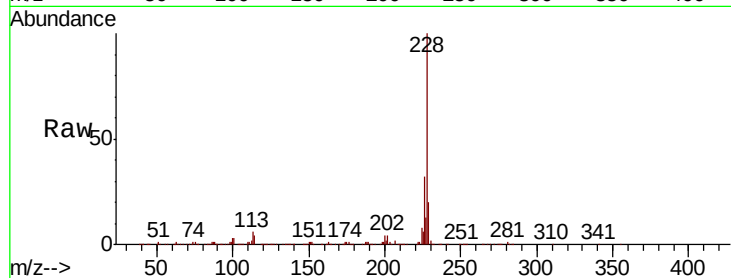
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 778586

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	20.3	16.6	24.8

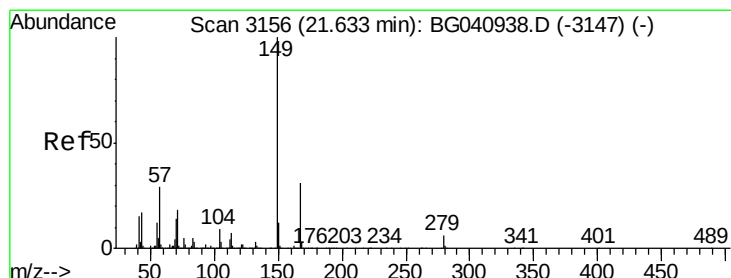
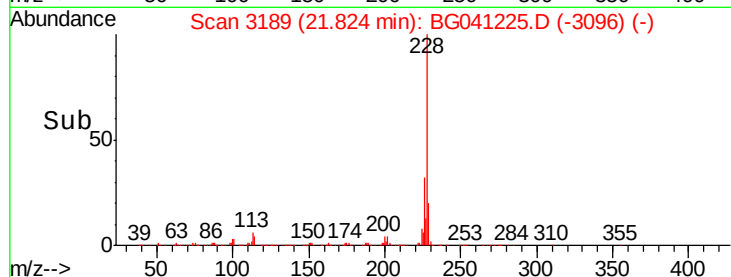
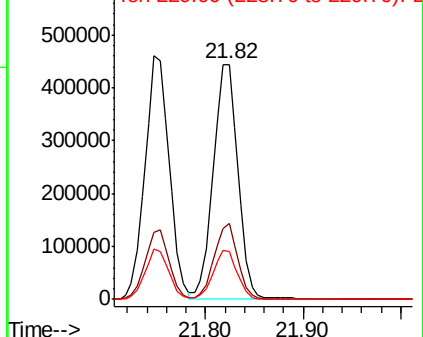


Abundance

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: 44.682 ng

RT: 21.62 min Scan# 3154

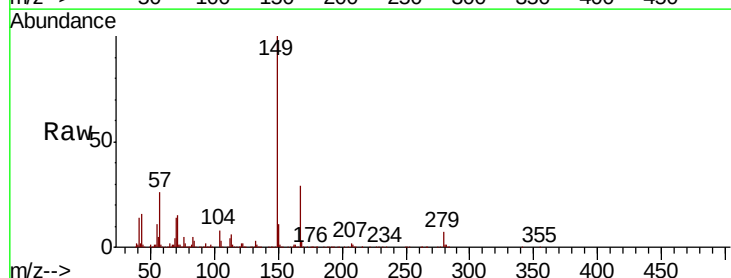
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:149 Resp: 421591

Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.6	37.0
279	6.7	5.0	7.6

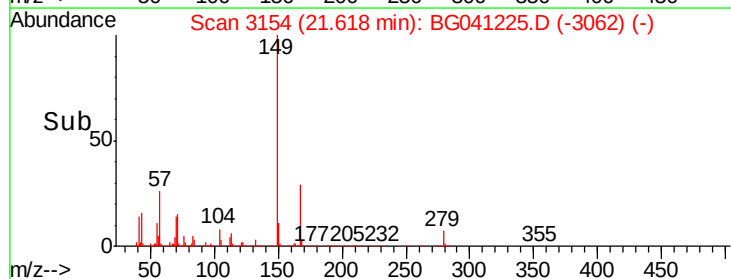
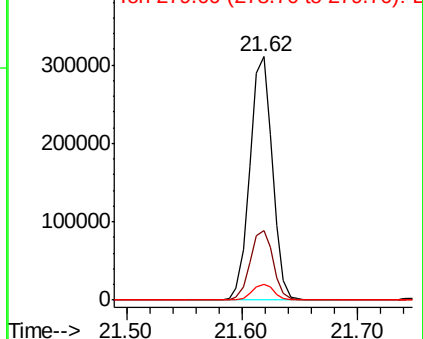


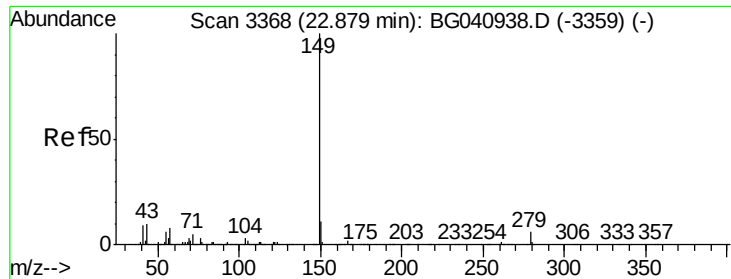
Abundance

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: 45.878 ng

RT: 22.86 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

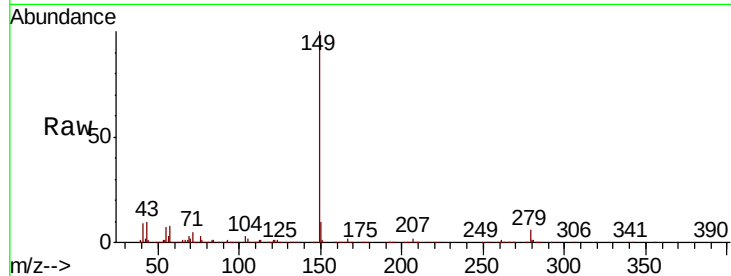
Tot Ion:149 Resp: 720940

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

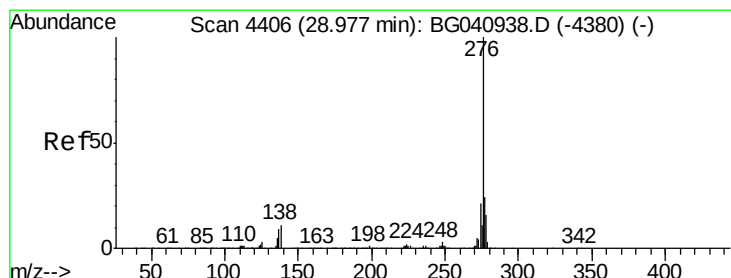
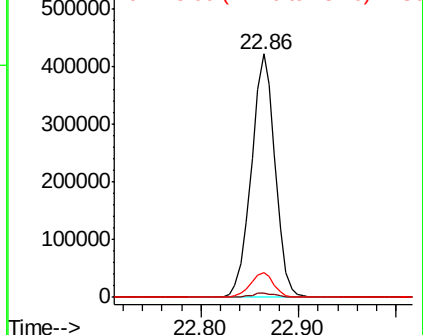
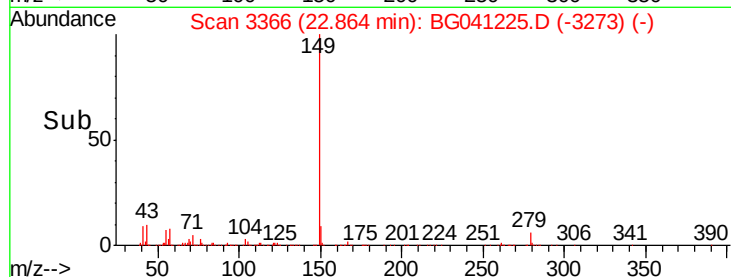
43 10.0 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.269 ng

RT: 28.98 min Scan# 4407

Delta R.T. 0.08 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

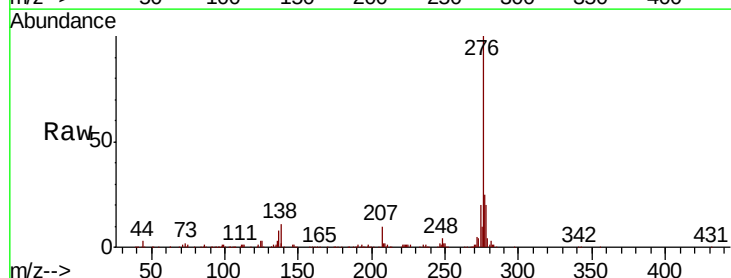
Tgt Ion:276 Resp: 646476

Ion Ratio Lower Upper

276 100

138 6.5 5.7 8.5

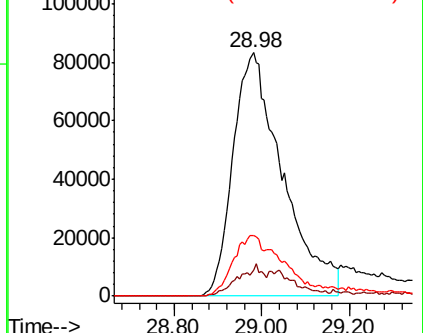
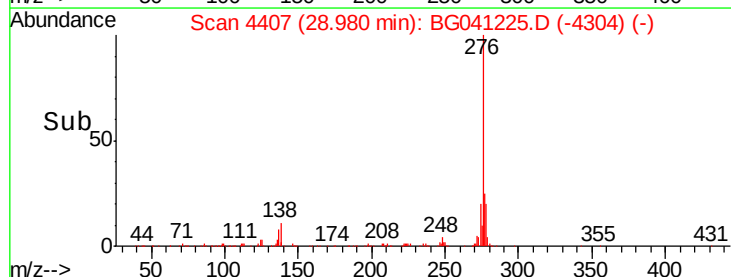
277 24.9 20.8 31.2

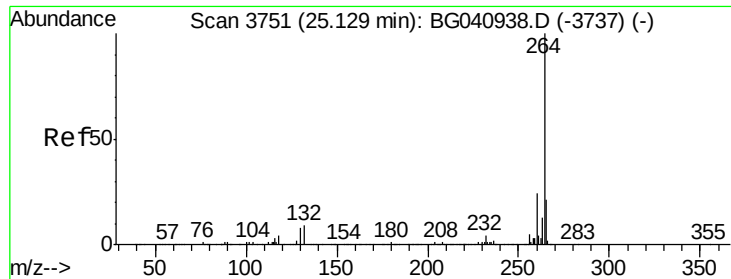


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

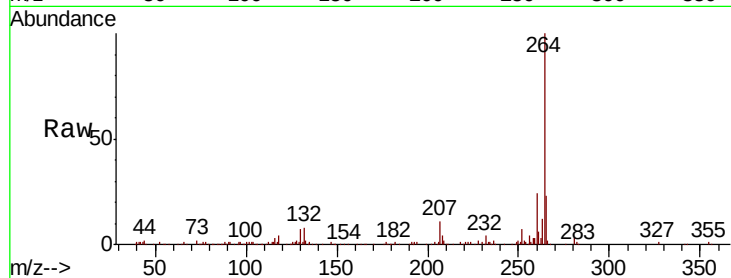




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. 0.04 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	23.3	17.0	25.4

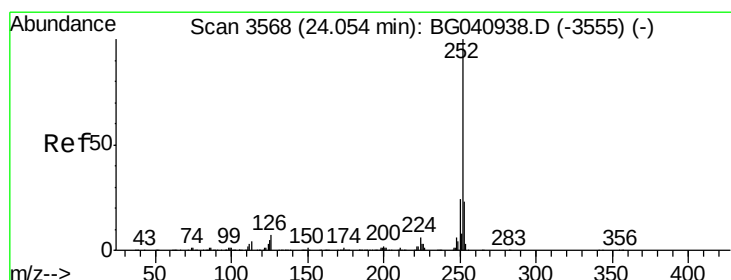
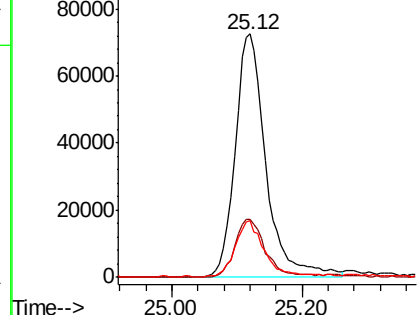
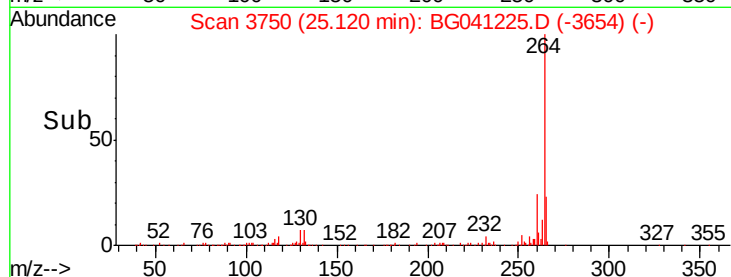


Abundance

Ion 264.00 (263.70 to 264.70): E

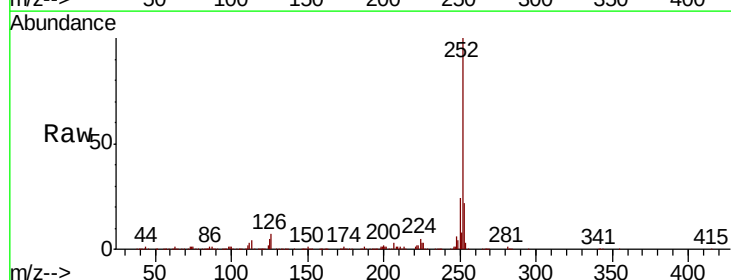
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 51.239 ng
RT: 24.04 min Scan# 3567
Delta R.T. 0.03 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	4.9	4.3	6.5

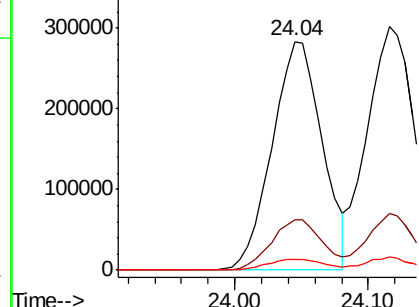
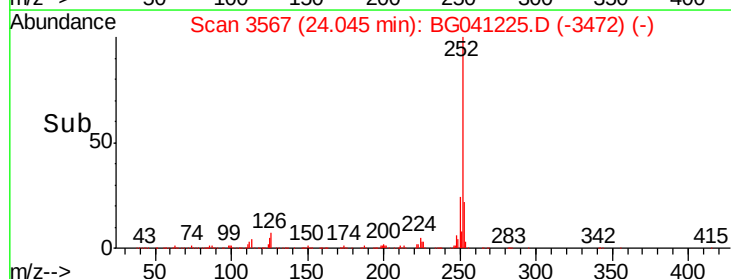


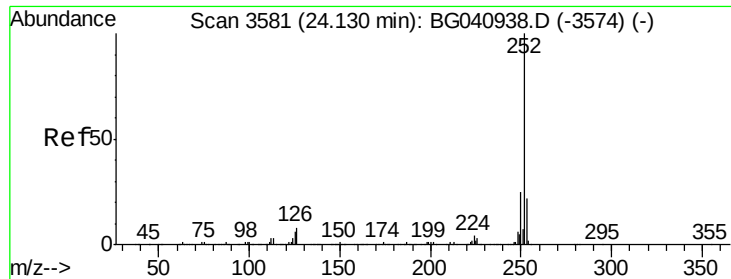
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

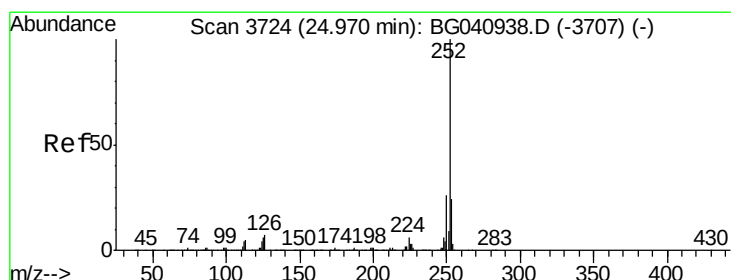
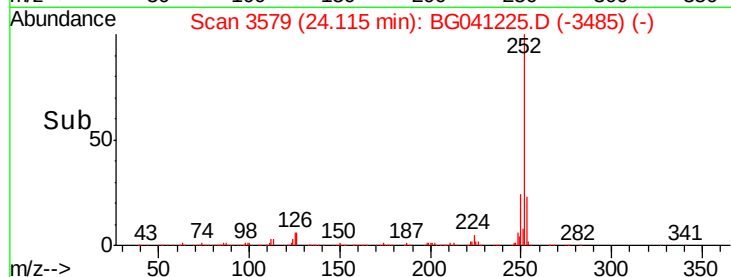
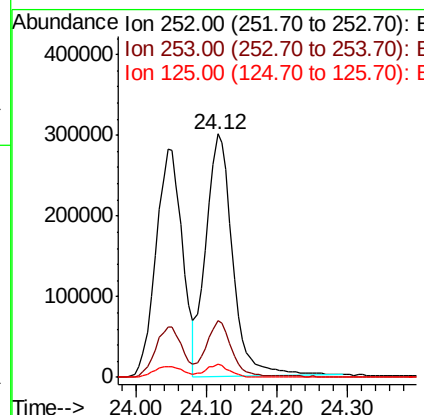
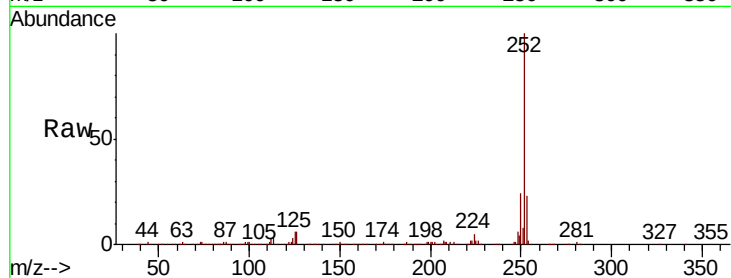




#89
Benzo(k)fluoranthene
Concen: 55.677 ng
RT: 24.12 min Scan# 3579
Delta R.T. 0.02 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

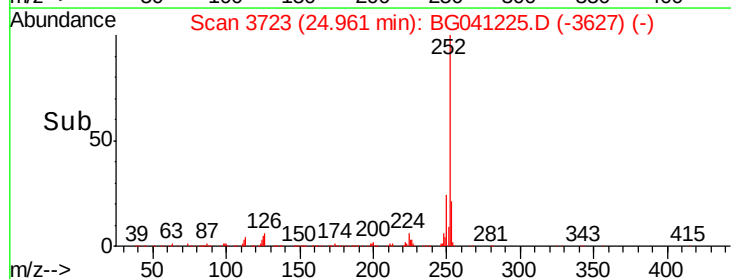
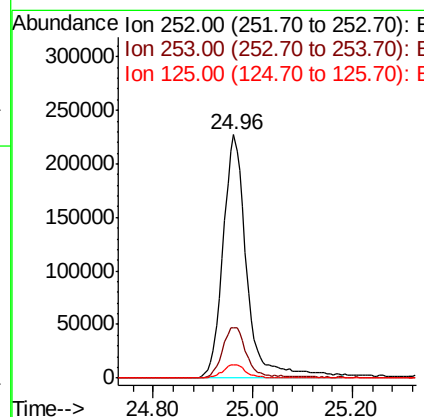
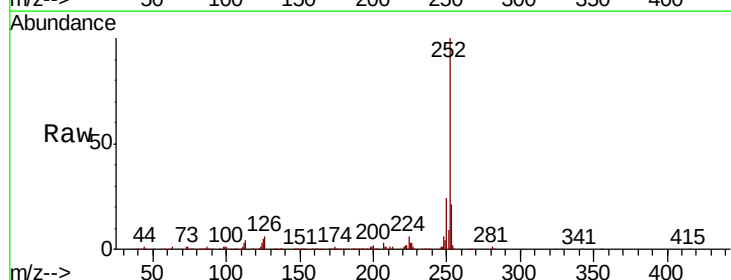
Instrument :
BNA_G
ClientSampleId :

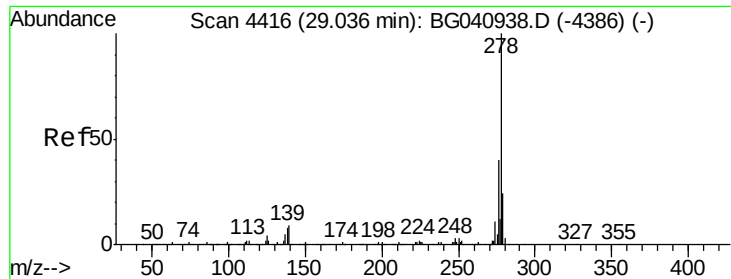
Tot Ion:252 Resp: 794108
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 5.6 4.7 7.1



#90
Benzo(a)pyrene
Concen: 54.469 ng
RT: 24.96 min Scan# 3723
Delta R.T. 0.04 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion:252 Resp: 749000
Ion Ratio Lower Upper
252 100
253 20.7 19.5 29.3
125 5.4 5.1 7.7

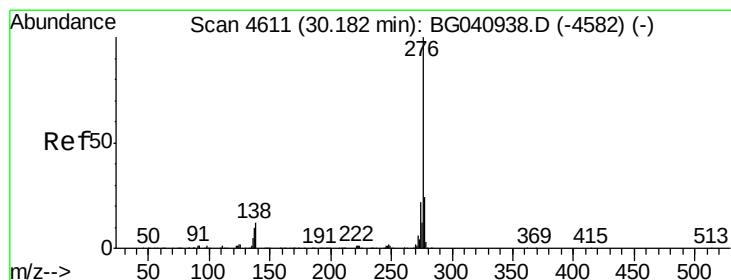
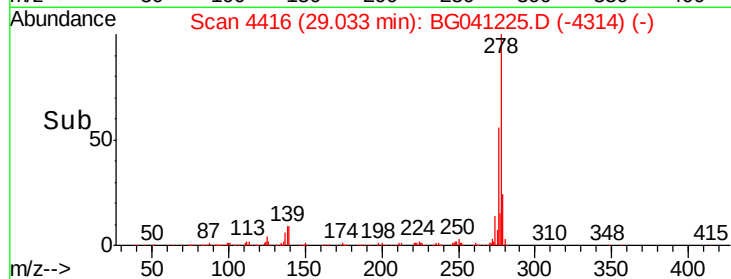
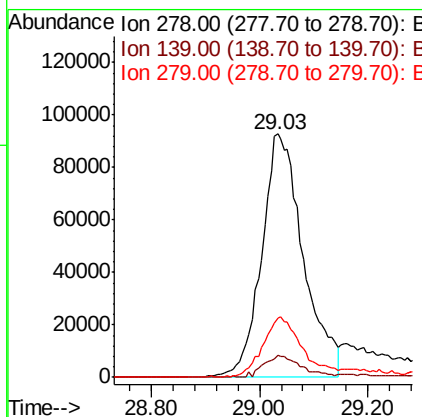
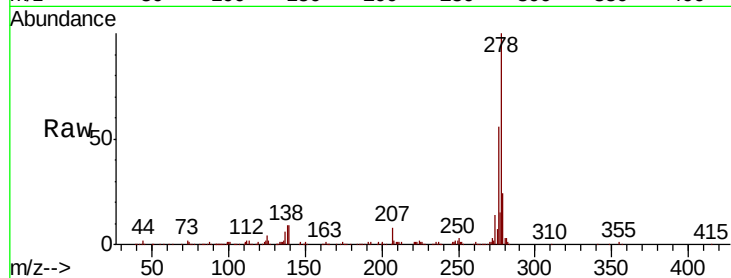




#91
Dibenzo(a,h)anthracene
Concen: 36.126 ng
RT: 29.03 min Scan# 4416
Delta R.T. 0.07 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.1	10.7
279	24.4	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 34.874 ng
RT: 30.20 min Scan# 4614
Delta R.T. 0.08 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	19.4	29.0
138	9.5	9.7	14.5#

