

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041213.D
 Acq On : 12 Jun 2019 19:29
 Operator : HP/JU
 Sample : PB120532BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Quant Time: Jun 13 05:37:25 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	34244	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	141674	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	104657	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	256994	20.00	ng	0.00
76) Chrysene-d12	21.76	240	292724	20.00	ng	0.00
87) Perylene-d12	25.08	264	263960	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	163211	85.94	ng	0.00
7) Phenol-d6	7.25	99	238406	81.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	235189	73.70	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	123259	79.33	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	547585	75.35	ng	0.00
79) Terphenyl-d14	20.08	244	1008395	73.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	33924	39.366	ng	# 93
3) Pyridine	3.91	79	82215	32.242	ng	99
4) n-Nitrosodimethylamine	3.83	42	50931	43.036	ng	83
6) Aniline	7.43	93	83057	21.216	ng	98
8) 2-Chlorophenol	7.66	128	97976	43.275	ng	96
10) Phenol	7.28	94	133935	42.591	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	88459	38.776	ng	97
12) 1,3-Dichlorobenzene	7.99	146	105124	38.876	ng	96
13) 1,4-Dichlorobenzene	8.14	146	108012	39.462	ng	95
14) 1,2-Dichlorobenzene	8.45	146	102595	38.604	ng	99
15) Benzyl Alcohol	8.34	79	106904	39.404	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	132794	35.623	ng	97
17) 2-Methylphenol	8.54	107	93200	40.933	ng	98
18) Hexachloroethane	9.19	117	40426	38.321	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	83597	37.039	ng	99
20) 3+4-Methylphenols	8.87	107	127146	40.314	ng	99
22) Acetophenone	8.94	105	160392	40.358	ng	# 96
24) Nitrobenzene	9.32	77	137475	42.271	ng	97
25) Isophorone	9.84	82	235460	38.770	ng	99
26) 2-Nitrophenol	10.04	139	60568	45.175	ng	94
27) 2,4-Dimethylphenol	10.08	122	103706	46.835	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	125926	38.416	ng	99
29) 2,4-Dichlorophenol	10.57	162	121172	43.093	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	131622	41.148	ng	98
31) Naphthalene	10.98	128	321505	42.267	ng	97
32) Benzoic acid	10.21	122	51903	33.169	ng	# 83
33) 4-Chloroaniline	11.09	127	73740	20.893	ng	99
34) Hexachlorobutadiene	11.23	225	93667	38.270	ng	98
35) Caprolactam	11.88	113	33687	36.279	ng	# 80
36) 4-Chloro-3-methylphenol	12.20	107	130183	40.538	ng	96
37) 2-Methylnaphthalene	12.57	142	244415	41.720	ng	100
38) 1-Methylnaphthalene	12.79	142	230871	41.820	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	182145	43.180	ng	99
41) Hexachlorocyclopentadiene	12.90	237	189892	83.359	ng	99

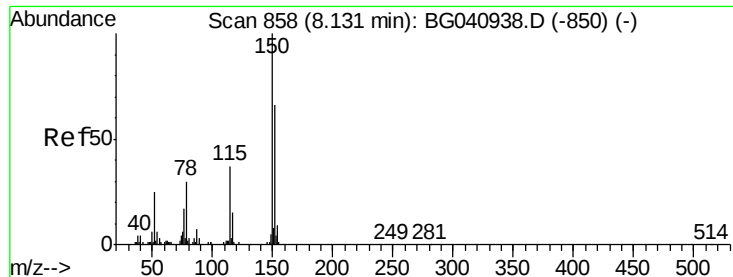
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.17	196	113130	41.457	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	117854	40.951	ng	98
46) 1,1'-Biphenyl	13.57	154	331549	42.798	ng	97
47) 2-Chloronaphthalene	13.62	162	271564	40.833	ng	98
48) 2-Nitroaniline	13.83	65	95719	40.119	ng	98
49) Acenaphthylene	14.47	152	417195	41.680	ng	98
50) Dimethylphthalate	14.18	163	347518	39.227	ng	99
51) 2,6-Dinitrotoluene	14.32	165	78774	41.240	ng	94
52) Acenaphthene	14.80	154	244978	40.401	ng	96
53) 3-Nitroaniline	14.65	138	58636	30.698	ng	98
54) 2,4-Dinitrophenol	14.86	184	66682	70.715	ng	92
55) Dibenzofuran	15.14	168	429392	42.084	ng	100
56) 4-Nitrophenol	14.95	139	107054	81.712	ng	87
57) 2,4-Dinitrotoluene	15.10	165	111126	41.185	ng	97
58) Fluorene	15.78	166	335565	41.297	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	121305	42.890	ng	98
60) Diethylphthalate	15.53	149	355003	39.265	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	212000	40.140	ng	98
62) 4-Nitroaniline	15.82	138	74554	36.869	ng	96
63) Azobenzene	16.06	77	327895	39.903	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	59951	44.333	ng	99
66) n-Nitrosodiphenylamine	15.98	169	304753	42.184	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	137064	39.520	ng	98
68) Hexachlorobenzene	16.77	284	144382	39.095	ng	98
69) Atrazine	16.92	200	112942	40.516	ng	96
70) Pentachlorophenol	17.12	266	162547	82.046	ng	96
71) Phenanthrene	17.52	178	568303	42.454	ng	99
72) Anthracene	17.61	178	580372	43.959	ng	99
73) Carbazole	17.89	167	494328	43.636	ng	98
74) Di-n-butylphthalate	18.41	149	587202	41.705	ng	99
75) Fluoranthene	19.52	202	743776	44.983	ng	100
77) Benzidine	19.71	184	169255	24.238	ng	95
78) Pyrene	19.89	202	742936	39.042	ng	98
80) Butylbenzylphthalate	20.75	149	274114	37.016	ng	99
81) Benzo(a)anthracene	21.74	228	712878	36.585	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	185621	27.084	ng	98
83) Chrysene	21.80	228	697049	37.382	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	379138	36.370	ng	98
85) Di-n-octyl phthalate	22.84	149	647659	37.304	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	628105	27.498	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	678607	42.386	ng	99
89) Benzo(k)fluoranthene	24.09	252	710874	44.870	ng	99
90) Benzo(a)pyrene	24.92	252	663026	43.407	ng	# 95
91) Dibenzo(a,h)anthracene	28.97	278	513901	33.670	ng	99
92) Benzo(g,h,i)perylene	30.10	276	453918	30.612	ng	97

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

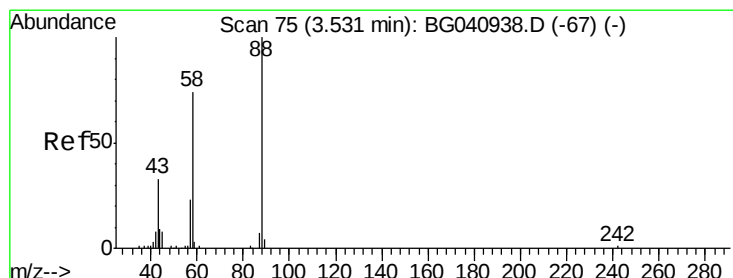
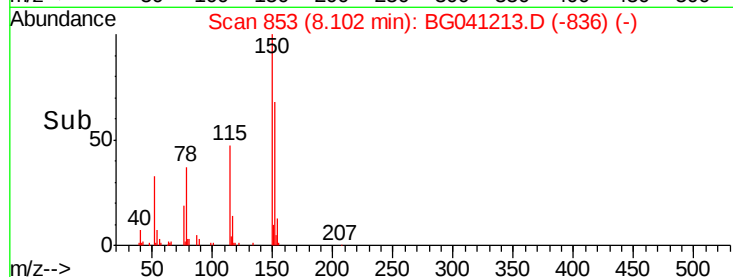
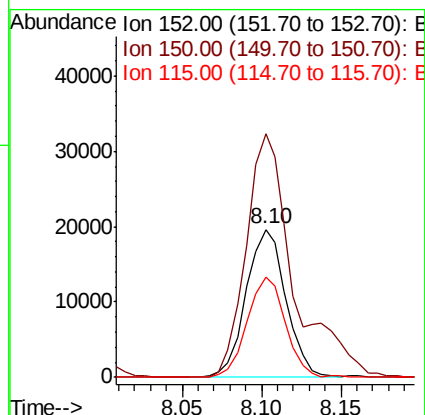
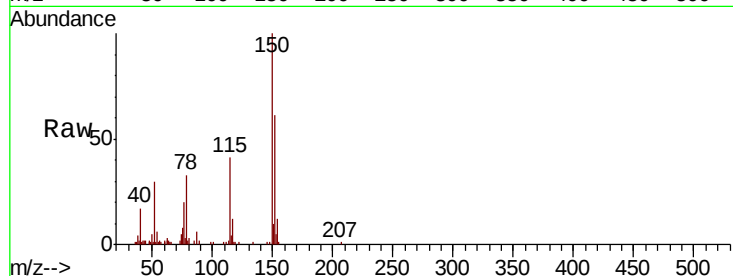


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
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 PB120532BS

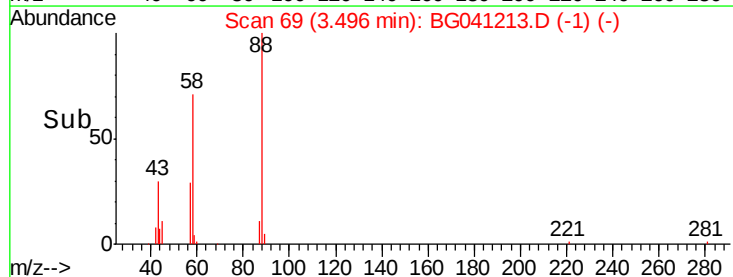
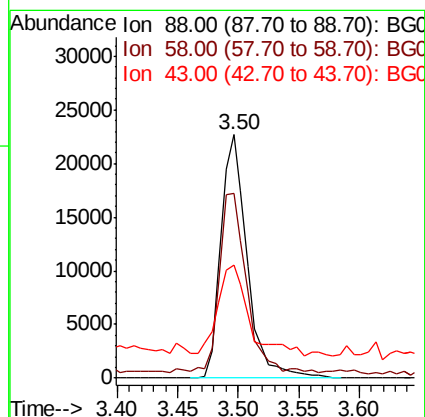
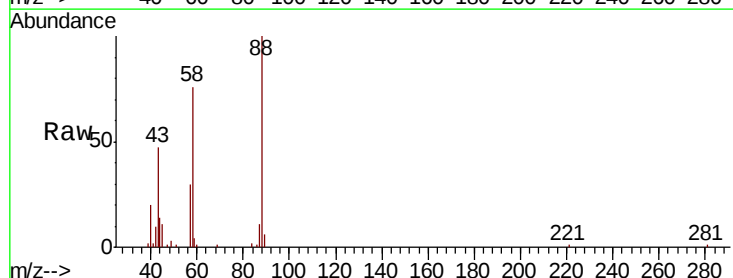
Tgt Ion:152 Resp: 34244
 Ion Ratio Lower Upper
 152 100
 150 164.6 120.6 180.8
 115 68.0 45.1 67.7#

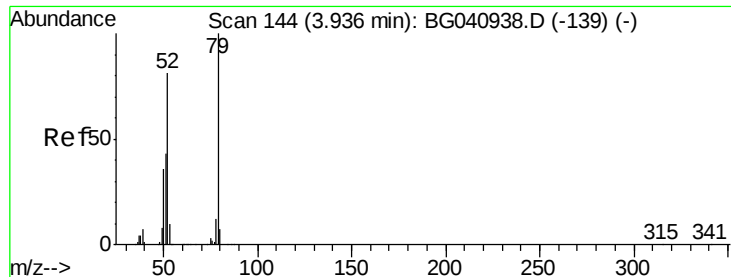


#2

1,4-Dioxane
 Concen: 39.366 ng
 RT: 3.50 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion: 88 Resp: 33924
 Ion Ratio Lower Upper
 88 100
 58 75.1 59.0 88.6
 43 44.3 27.2 40.8#





#3

Pyridine

Concen: 32.242 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

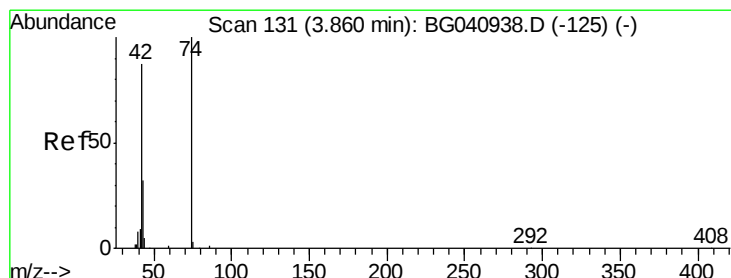
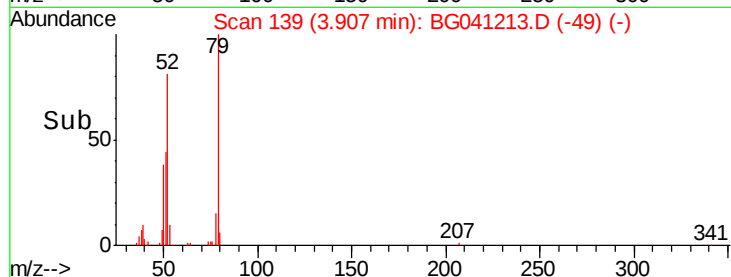
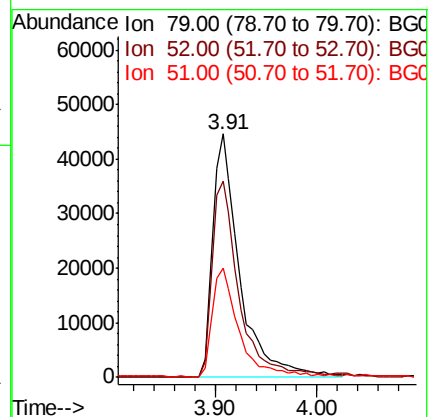
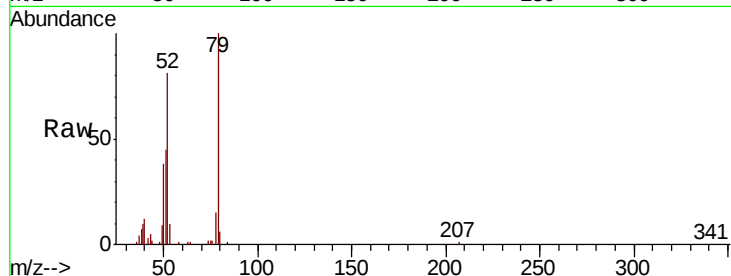
Tgt Ion: 79 Resp: 82215

Ion Ratio Lower Upper

79 100

52 80.8 64.8 97.2

51 44.8 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 43.036 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

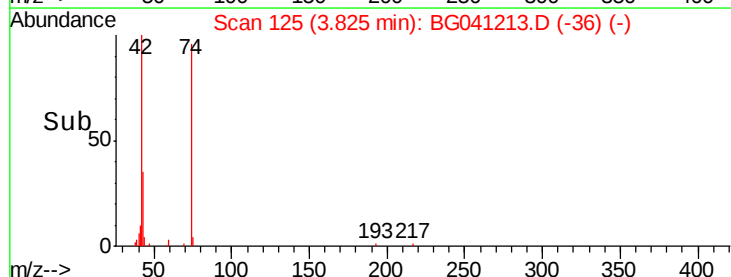
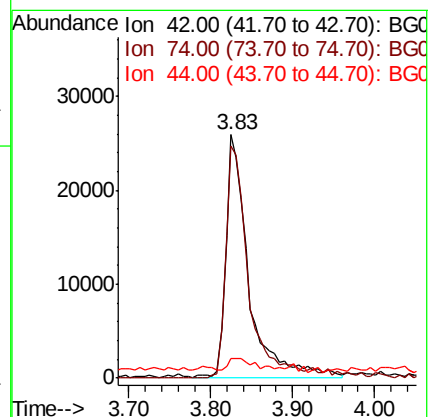
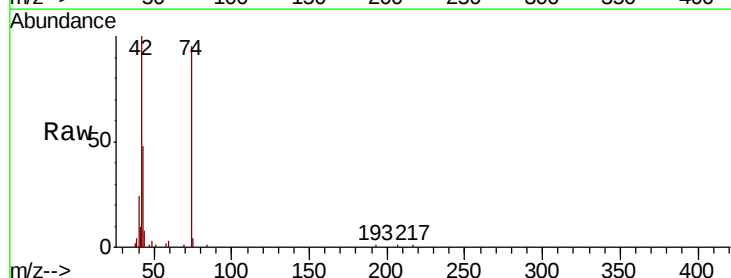
Tgt Ion: 42 Resp: 50931

Ion Ratio Lower Upper

42 100

74 95.3 91.8 137.6

44 8.3 6.0 9.0





#5

2-Fluorophenol

Concen: 85.943 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

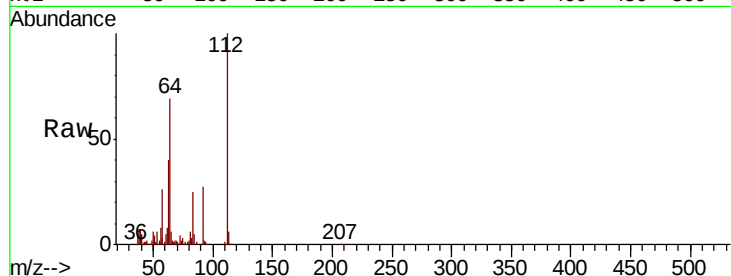
Tgt Ion: 112 Resp: 163211

Ion Ratio Lower Upper

112 100

64 69.2 56.2 84.2

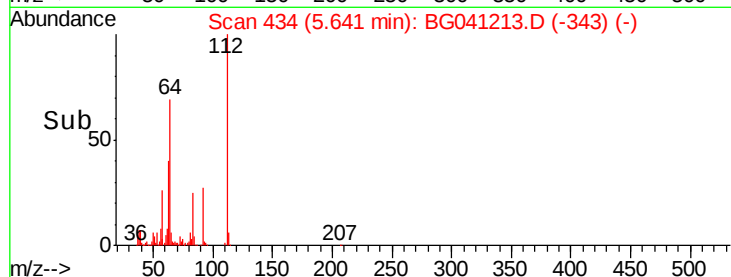
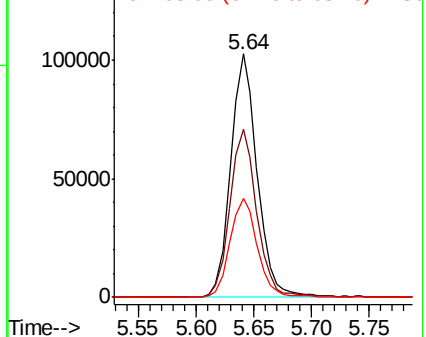
63 40.4 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.216 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

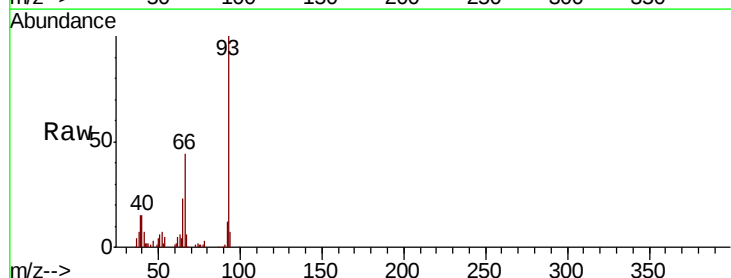
Tgt Ion: 93 Resp: 83057

Ion Ratio Lower Upper

93 100

66 43.8 33.8 50.8

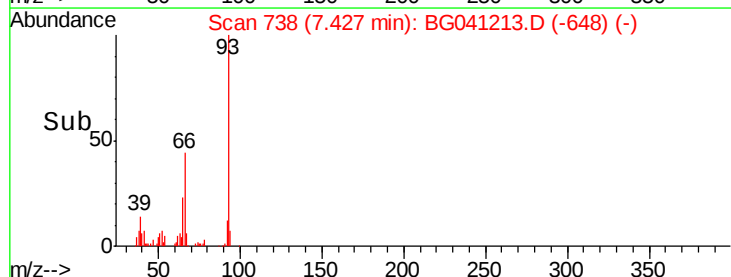
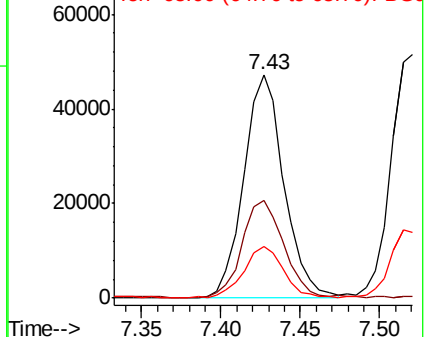
65 23.2 18.3 27.5

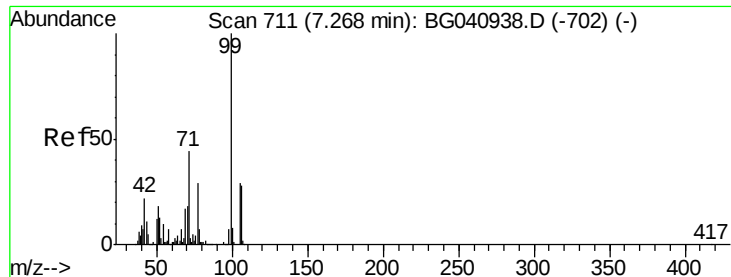


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.287 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

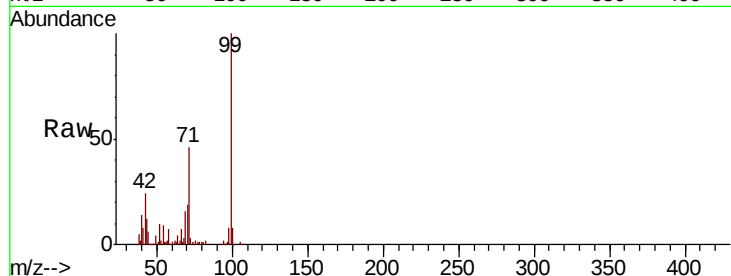
Tgt Ion: 99 Resp: 238406

Ion Ratio Lower Upper

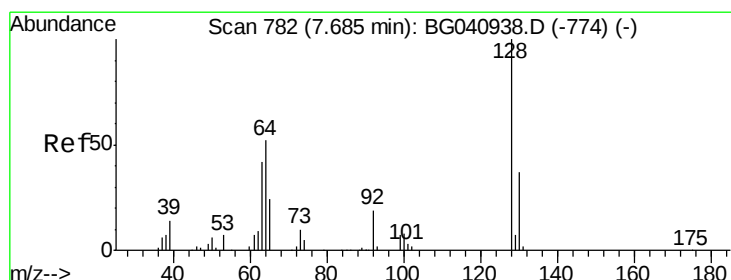
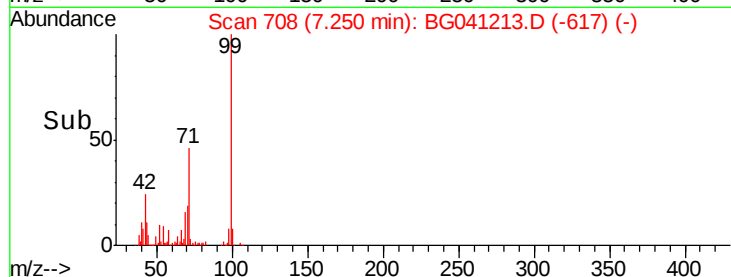
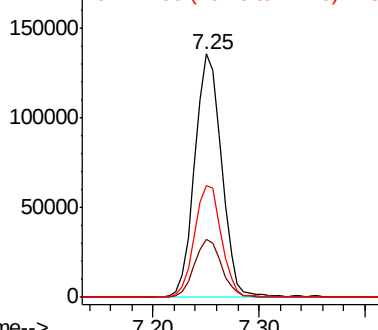
99 100

42 24.0 17.9 26.9

71 45.8 35.4 53.0



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



#8

2-Chlorophenol

Concen: 43.275 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

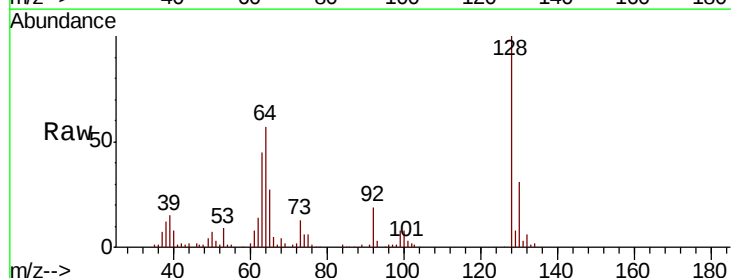
Tgt Ion: 128 Resp: 97976

Ion Ratio Lower Upper

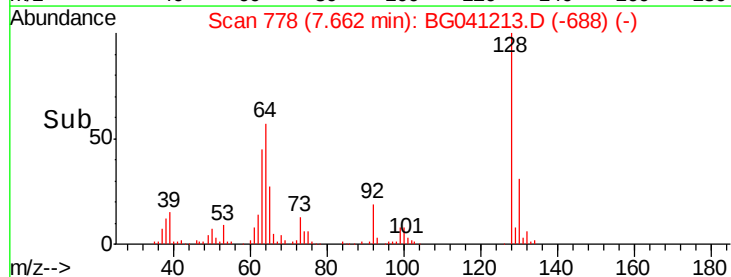
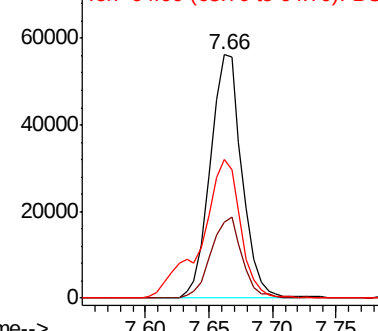
128 100

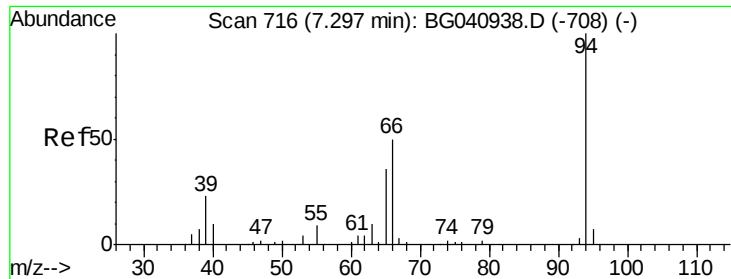
130 31.0 16.6 56.6

64 57.0 37.8 77.8



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





#10

Phenol

Concen: 42.591 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

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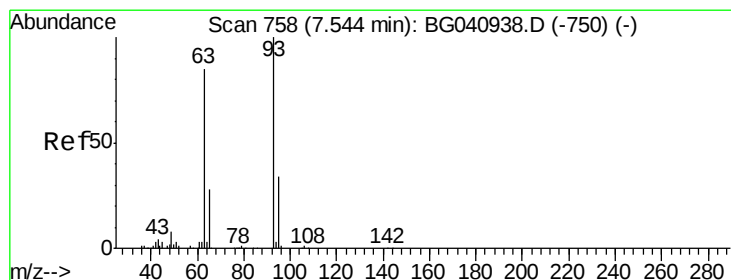
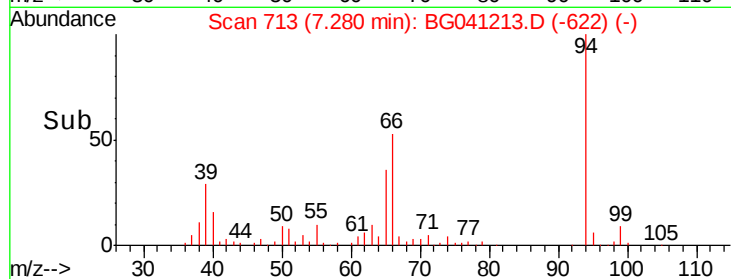
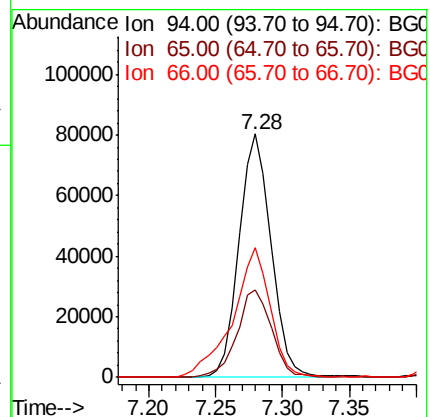
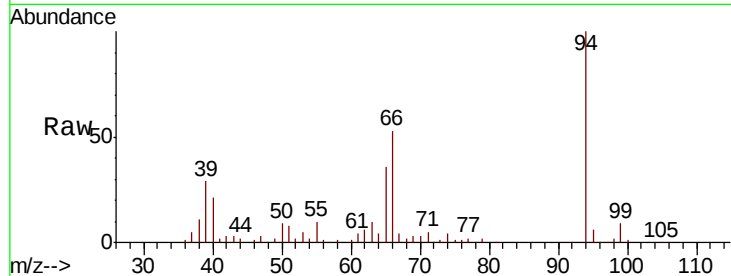
Tgt Ion: 94 Resp: 133935

Ion Ratio Lower Upper

94 100

65 35.7 17.0 57.0

66 53.2 32.4 72.4



#11

bis(2-Chloroethyl)ether

Concen: 38.776 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

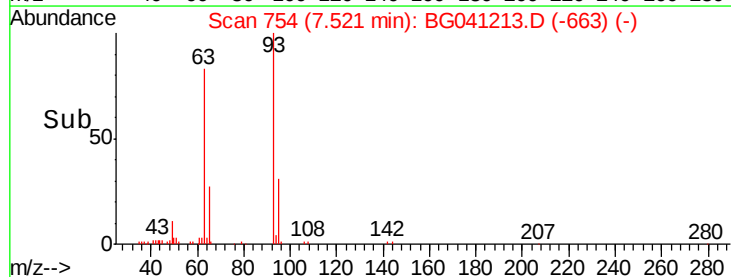
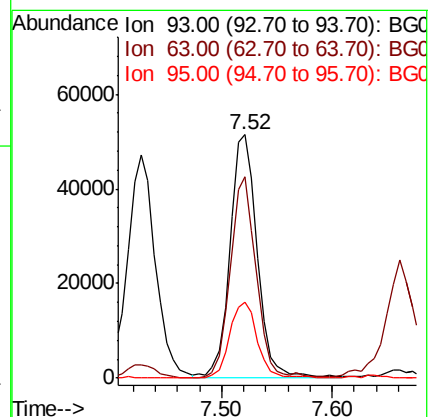
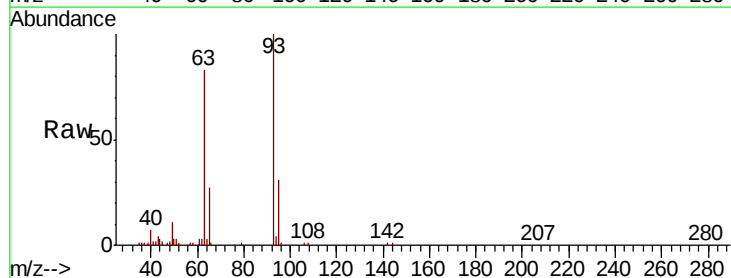
Tgt Ion: 93 Resp: 88459

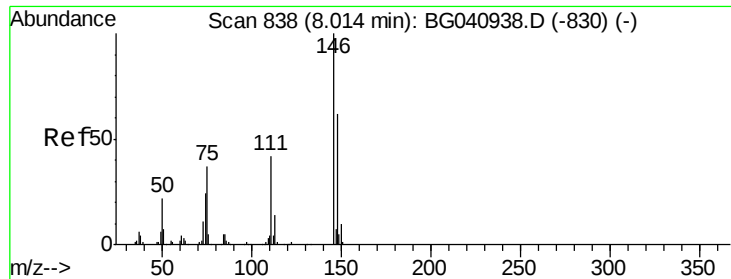
Ion Ratio Lower Upper

93 100

63 82.5 64.5 104.5

95 31.3 13.3 53.3





#12

1,3-Dichlorobenzene

Concen: 38.876 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

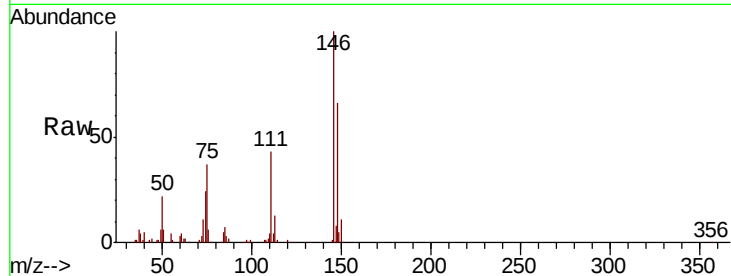
Tgt Ion:146 Resp: 105124

Ion Ratio Lower Upper

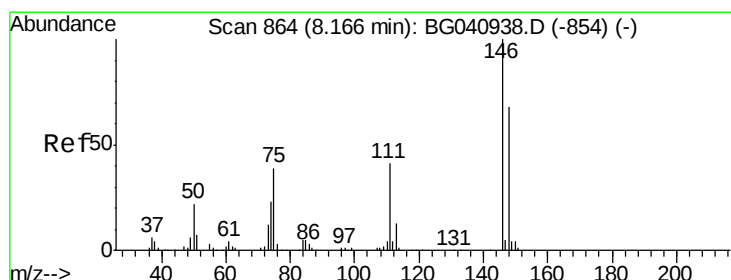
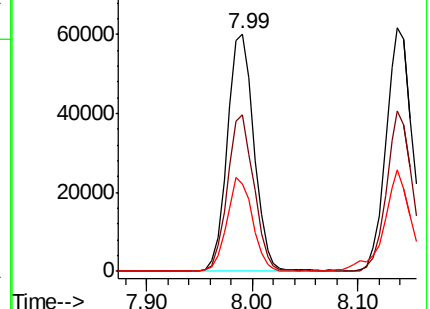
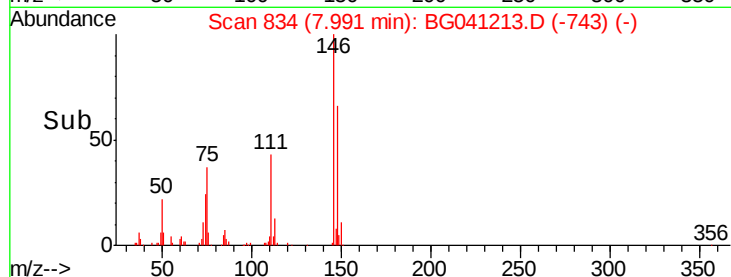
146 100

148 65.8 49.2 73.8

75 36.8 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 39.462 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

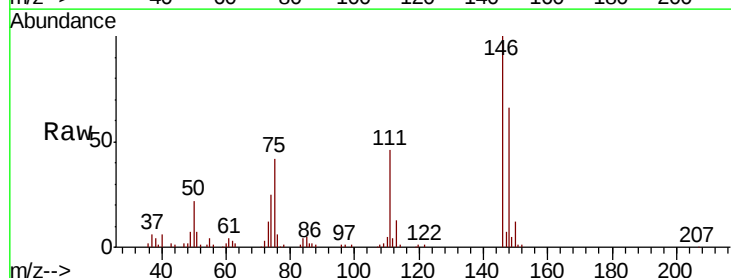
Tgt Ion:146 Resp: 108012

Ion Ratio Lower Upper

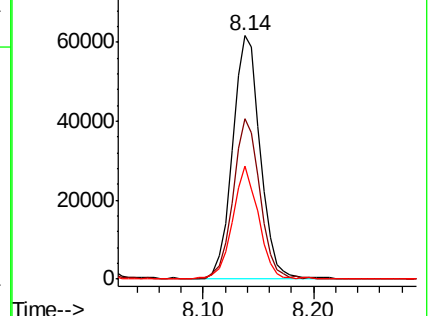
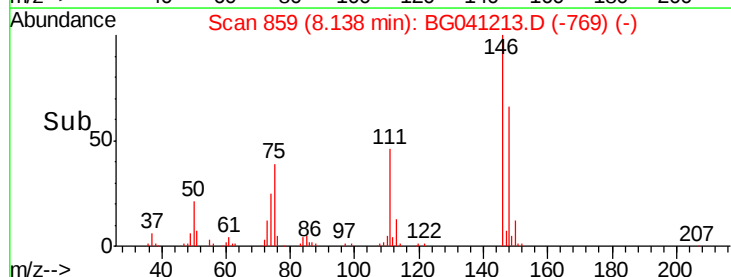
146 100

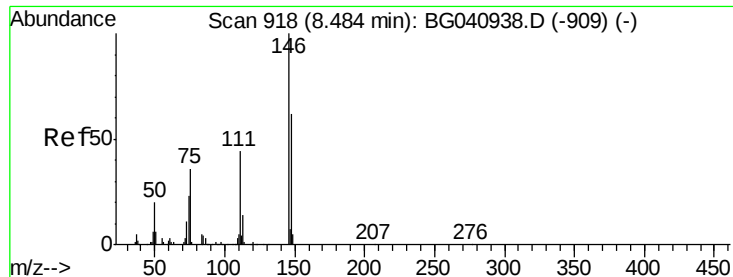
148 65.9 54.2 81.4

111 46.2 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: 38.604 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

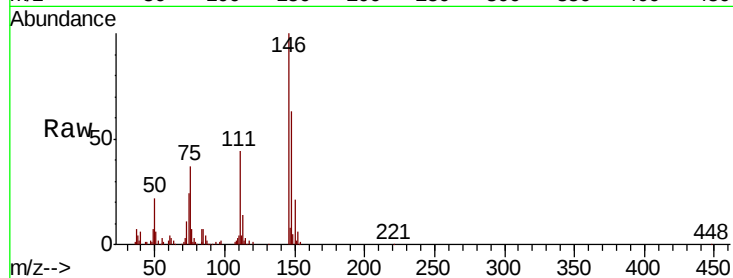
Tgt Ion:146 Resp: 102595

Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.6

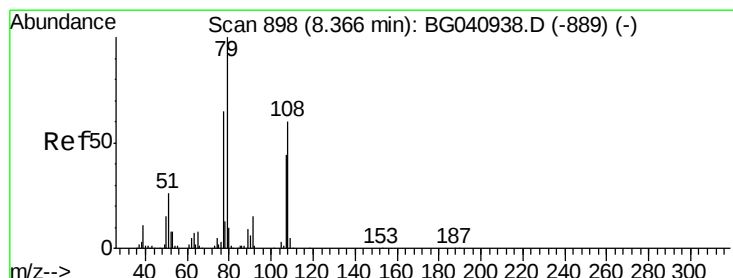
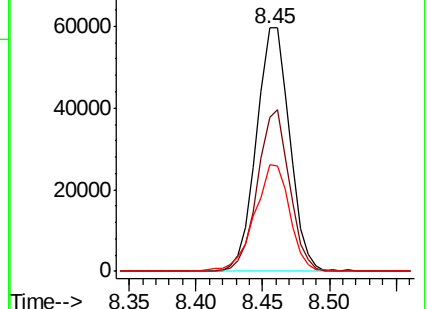
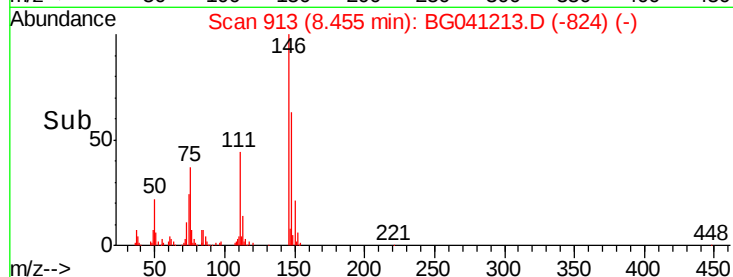
111 43.6 35.0 52.4



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: 39.404 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

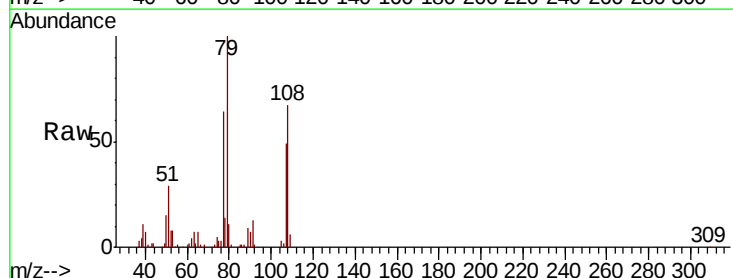
Tgt Ion: 79 Resp: 106904

Ion Ratio Lower Upper

79 100

108 66.8 48.3 72.5

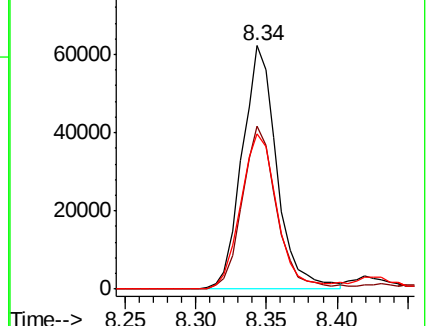
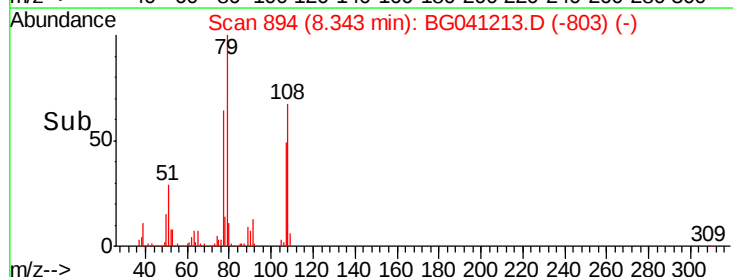
77 63.8 52.3 78.5

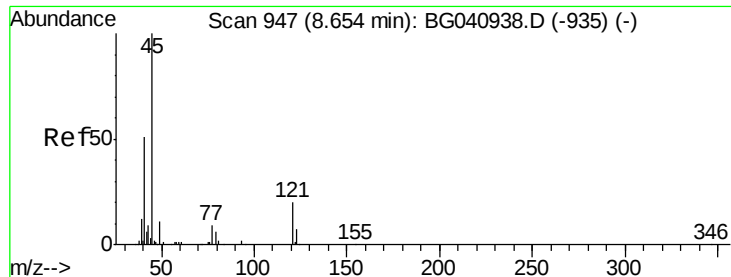


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

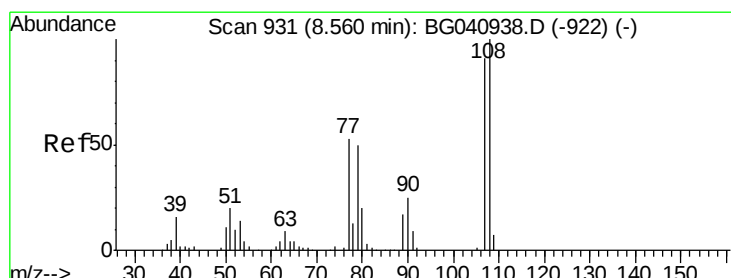
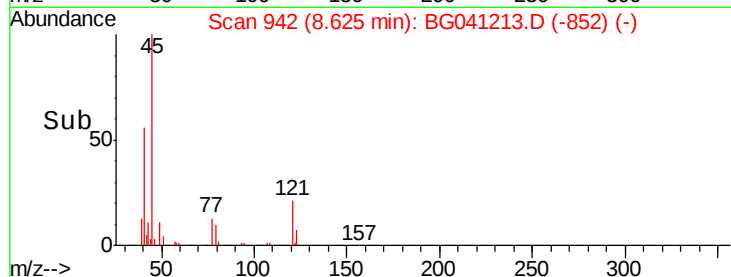
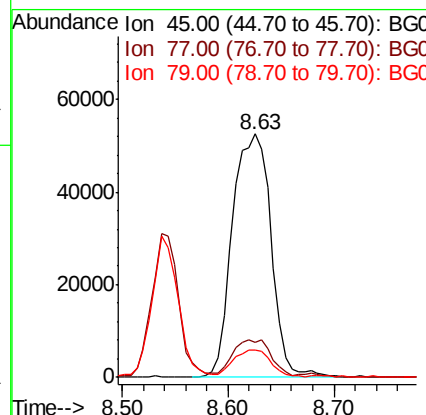
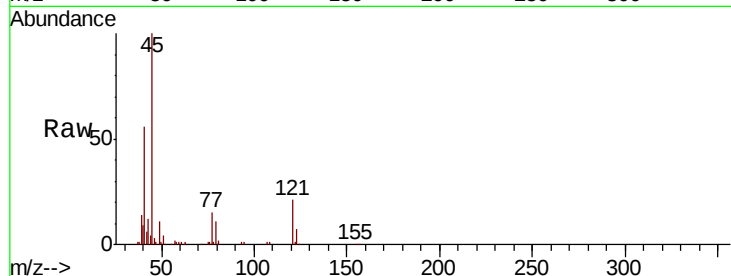




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.623 ng
RT: 8.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

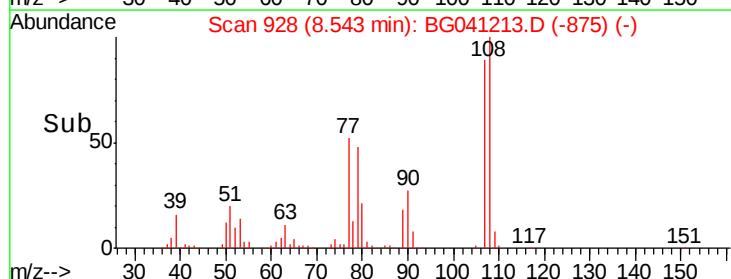
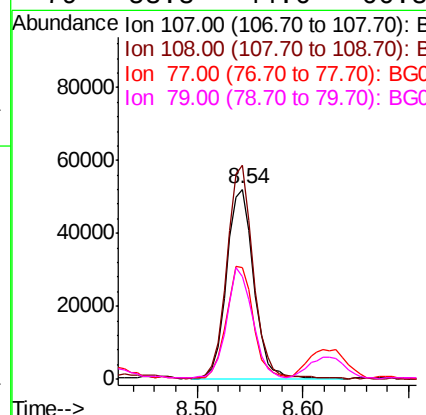
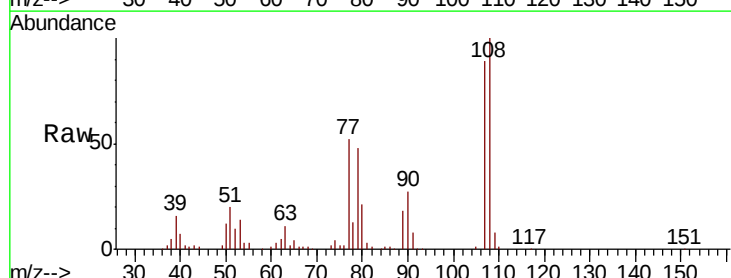
Instrument :
BNA_G
ClientSampleId :
PB120532BS

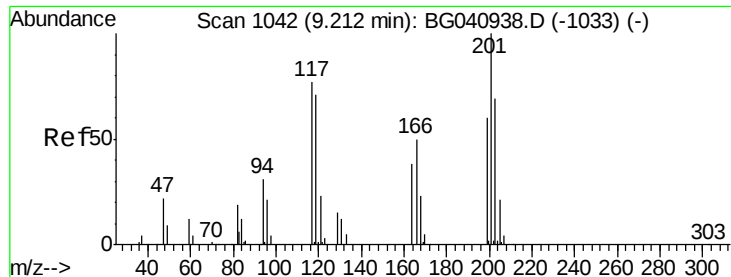
Tgt Ion: 45 Resp: 132794
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 11.4 0.0 30.2



#17
2-Methylphenol
Concen: 40.933 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion: 107 Resp: 93200
Ion Ratio Lower Upper
107 100
108 112.4 87.7 131.5
77 58.4 46.6 70.0
79 53.8 44.6 66.8

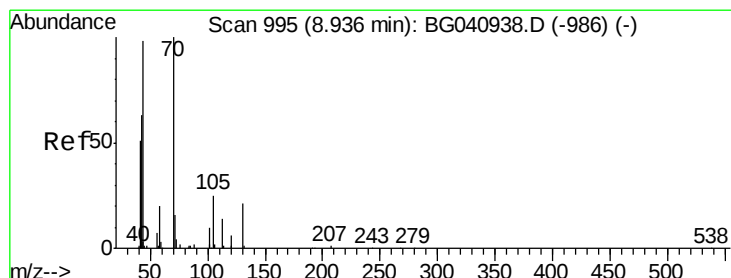
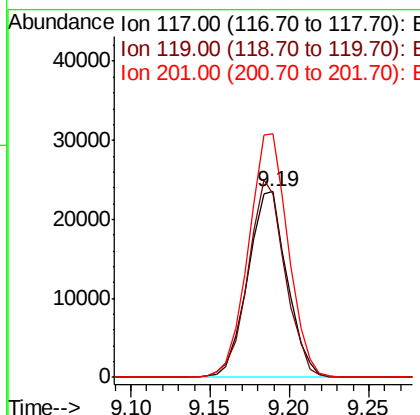
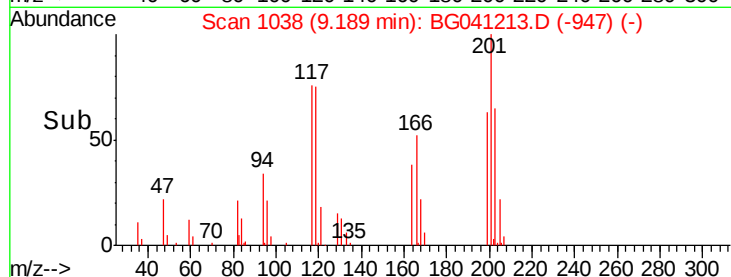
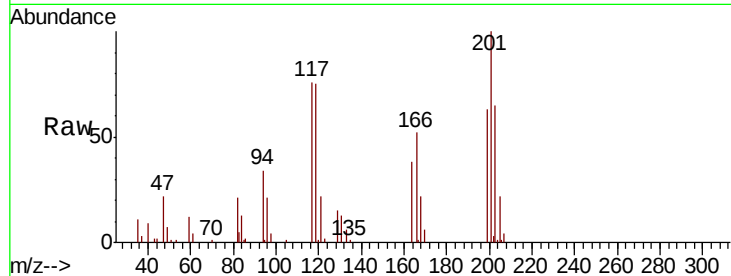




#18
Hexachloroethane
Concen: 38.321 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

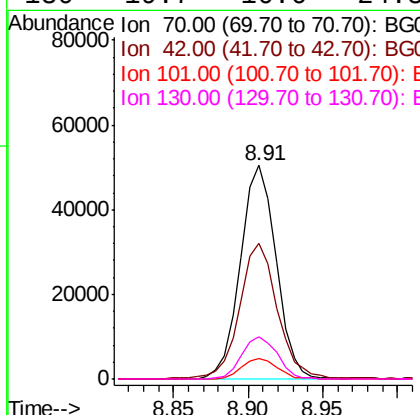
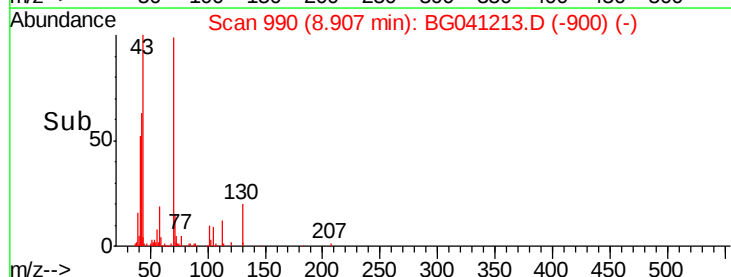
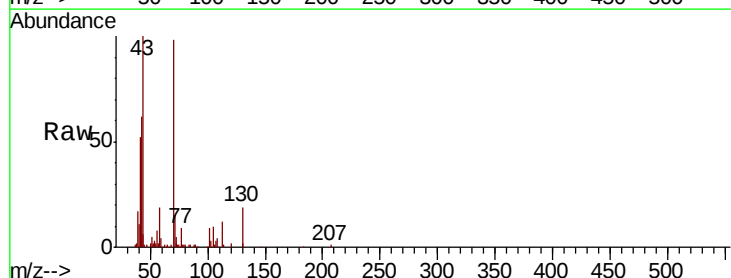
Instrument :
BNA_G
ClientSampleId :
PB120532BS

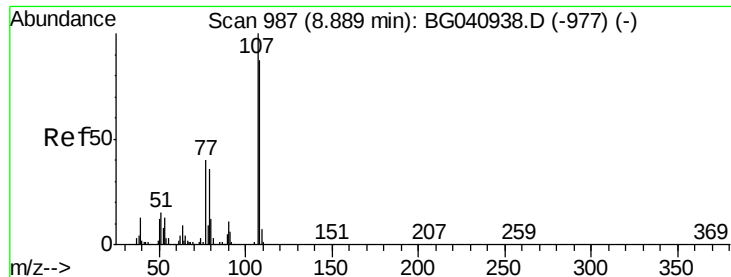
Tgt Ion:117 Resp: 40426
Ion Ratio Lower Upper
117 100
119 98.7 75.0 112.6
201 131.0 103.5 155.3



#19
n-Nitroso-di-n-propylamine
Concen: 37.039 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion: 70 Resp: 83597
Ion Ratio Lower Upper
70 100
42 63.4 51.5 77.3
101 9.6 8.1 12.1
130 19.7 16.6 24.8

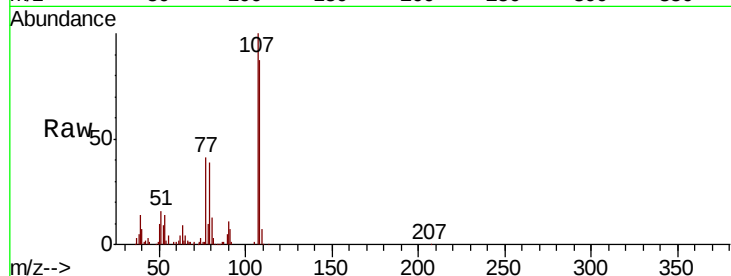




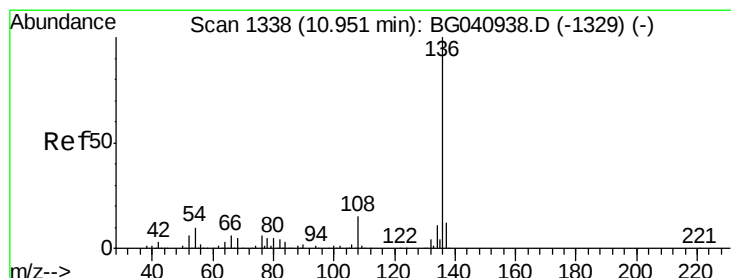
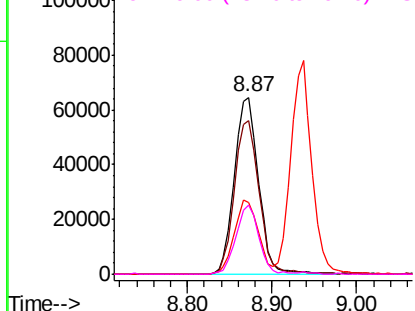
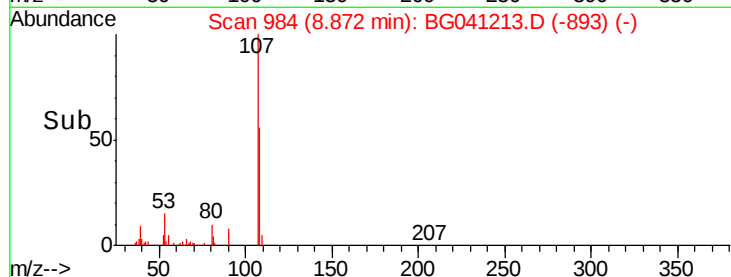
#20
3+4-Methylphenols
Concen: 40.314 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tgt Ion:	107	Resp:	127146
Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.8	106.8
77	40.9	20.5	60.5
79	39.0	15.8	55.8

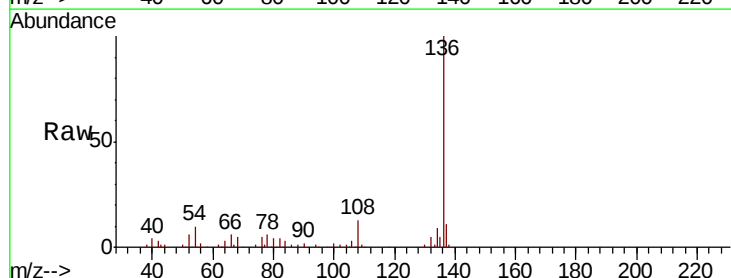


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BGC
80000 Ion 79.00 (78.70 to 79.70): BGC

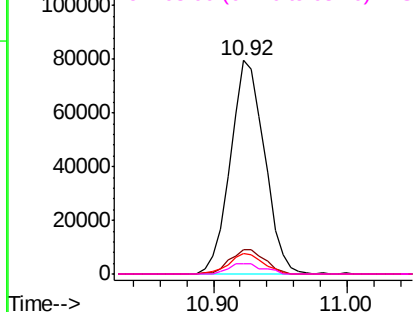
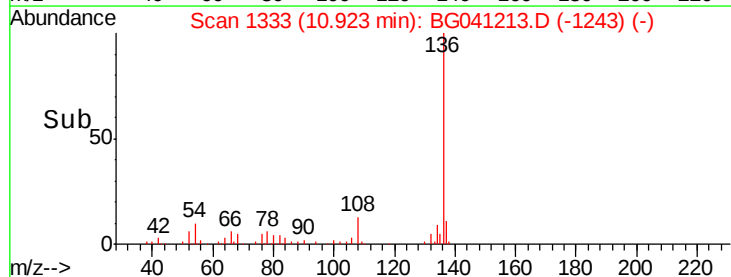


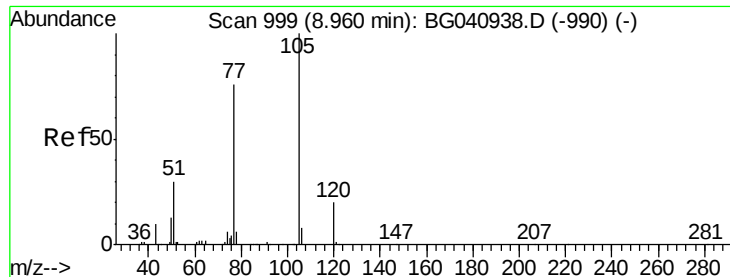
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion:	136	Resp:	141674
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	9.7	7.6	11.4
68	4.9	3.9	5.9



Abundance Ion 136.00 (135.70 to 136.70): E
120000 Ion 137.00 (136.70 to 137.70): E
100000 Ion 54.00 (53.70 to 54.70): BGC
80000 Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 40.358 ng

RT: 8.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

Tgt Ion: 105 Resp: 160392

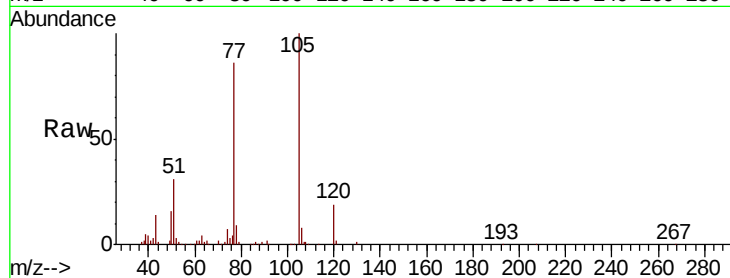
Ion Ratio Lower Upper

105 100

71 0.4 0.4 0.6#

51 31.0 27.0 40.6

120 18.6 16.2 24.4

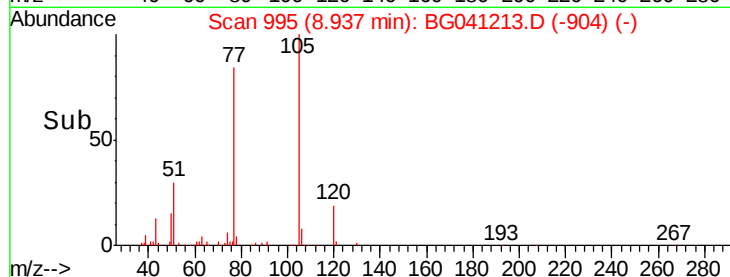
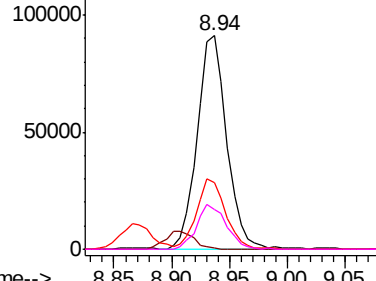


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 73.697 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

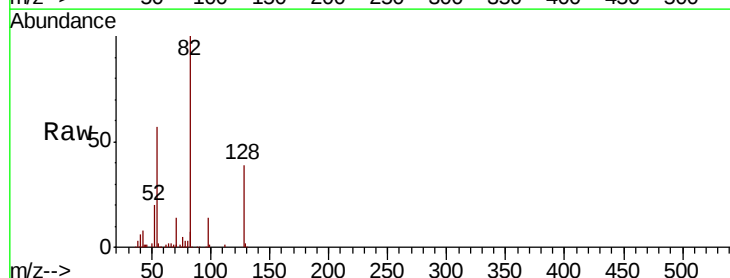
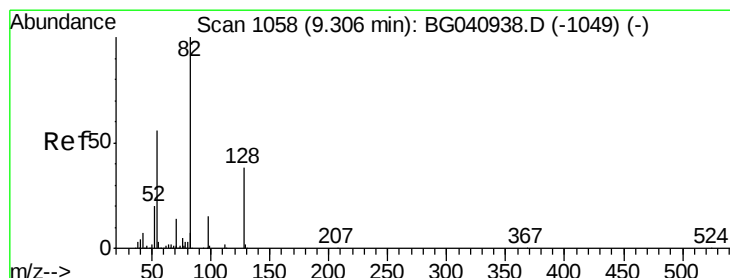
Tgt Ion: 82 Resp: 235189

Ion Ratio Lower Upper

82 100

128 38.6 30.5 45.7

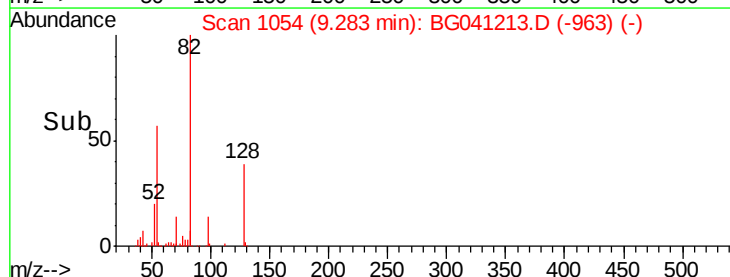
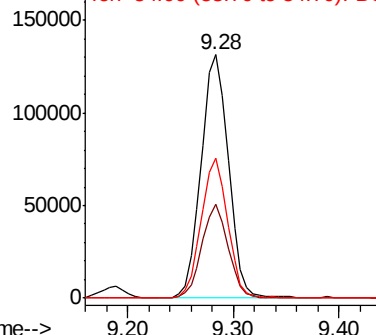
54 57.4 44.6 66.8

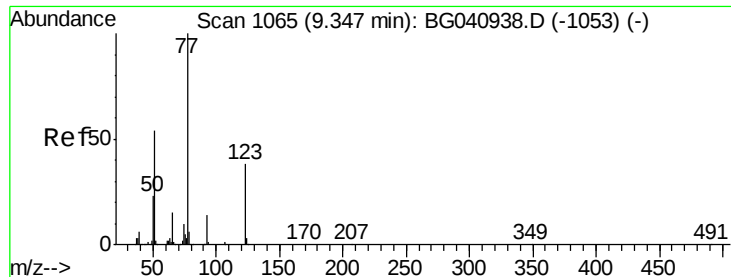


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

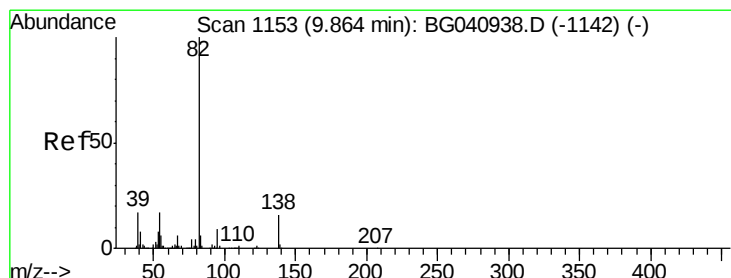
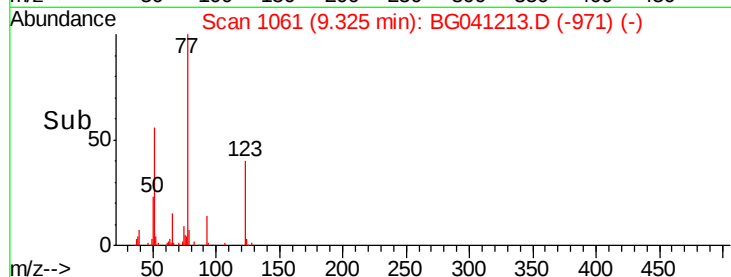
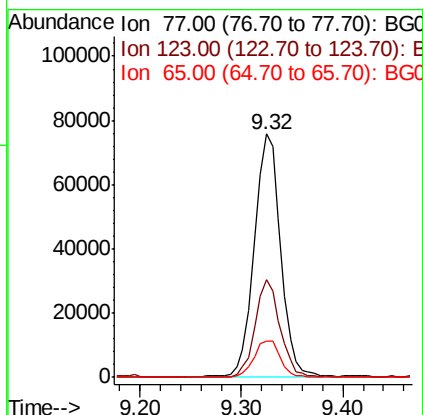
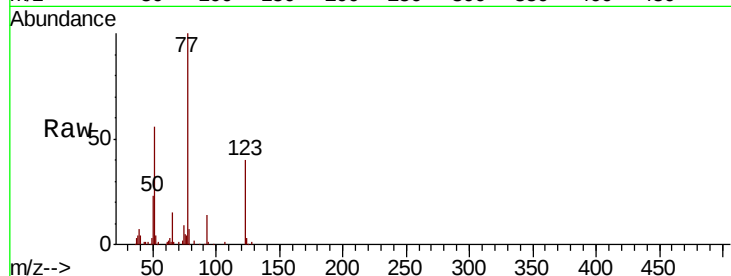




#24
 Nitrobenzene
 Concen: 42.271 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

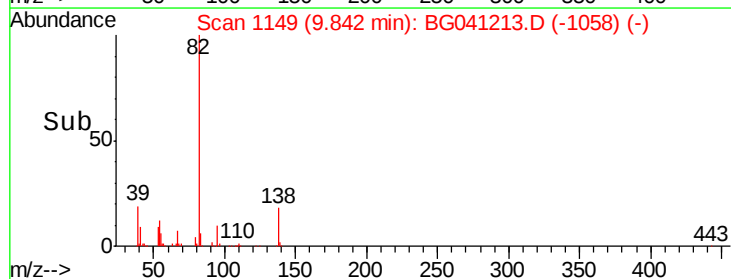
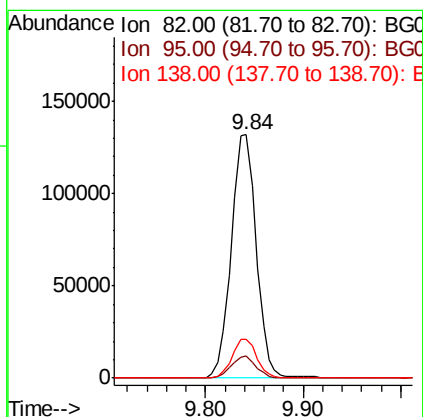
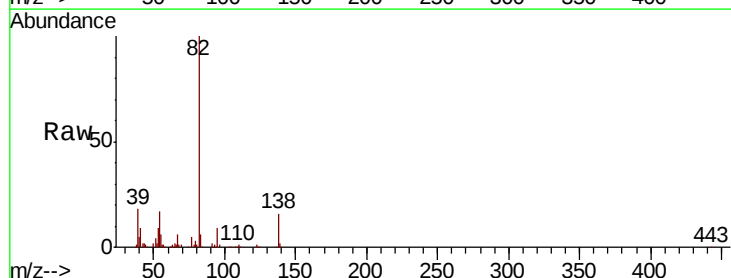
Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

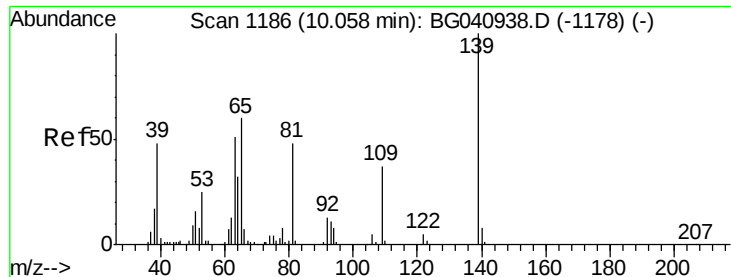
Tgt Ion: 77 Resp: 137475
 Ion Ratio Lower Upper
 77 100
 123 40.3 30.6 46.0
 65 14.7 12.3 18.5



#25
 Isophorone
 Concen: 38.770 ng
 RT: 9.84 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion: 82 Resp: 235460
 Ion Ratio Lower Upper
 82 100
 95 9.2 7.0 10.4
 138 15.9 12.6 19.0

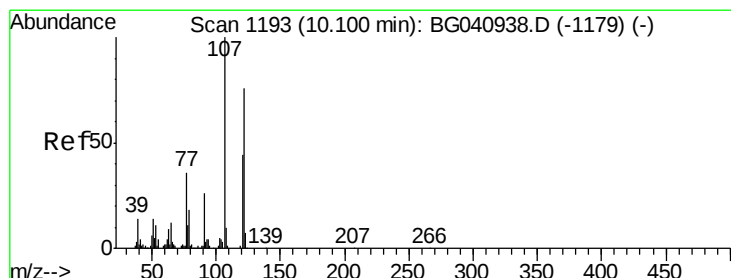
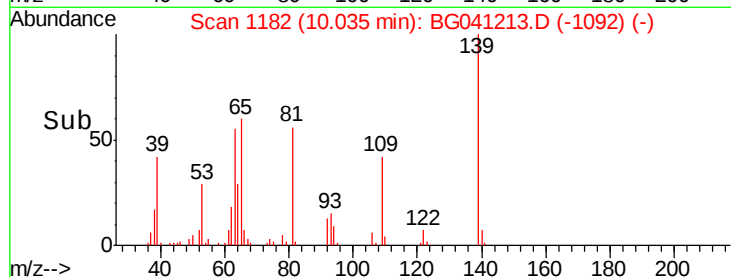
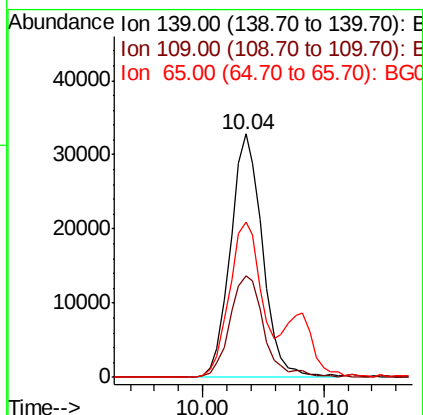
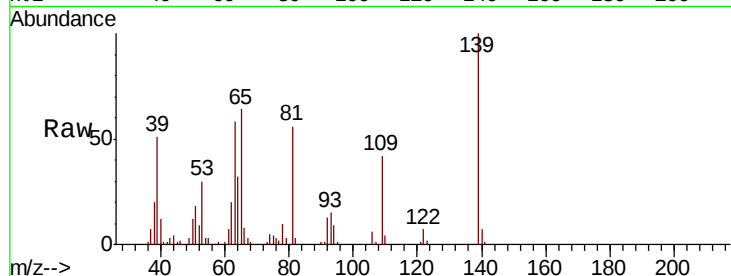




#26
2-Nitrophenol
Concen: 45.175 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

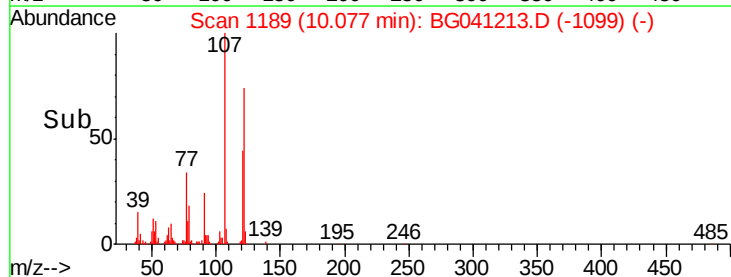
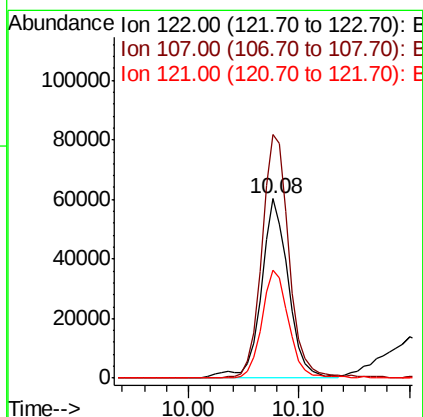
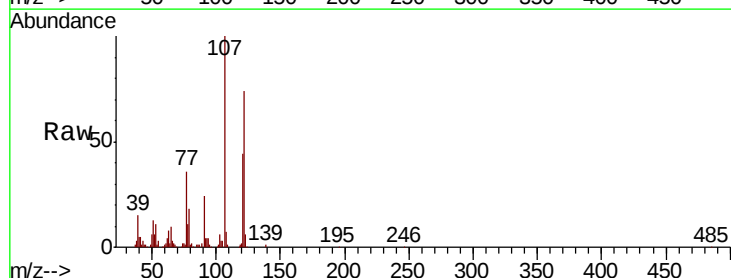
Instrument :
BNA_G
ClientSampleId :
PB120532BS

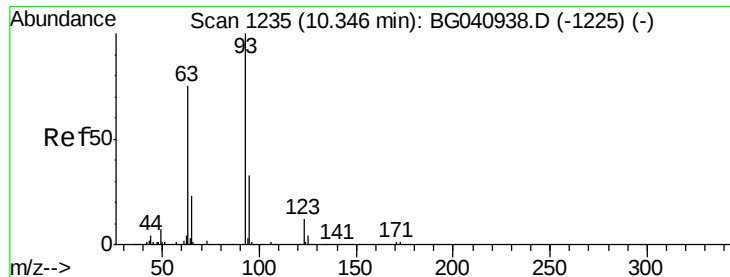
Tgt Ion:139 Resp: 60568
Ion Ratio Lower Upper
139 100
109 41.7 29.8 44.6
65 63.5 47.8 71.6



#27
2,4-Dimethylphenol
Concen: 46.835 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion:122 Resp: 103706
Ion Ratio Lower Upper
122 100
107 135.8 105.9 158.9
121 59.9 46.2 69.4



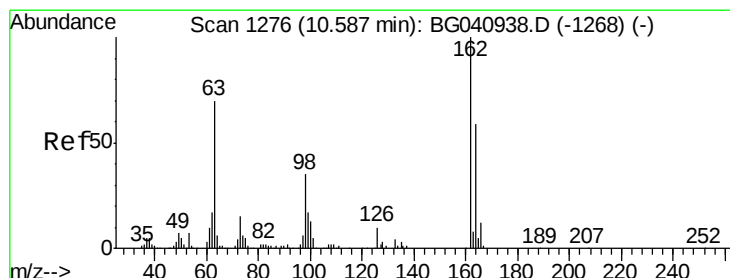
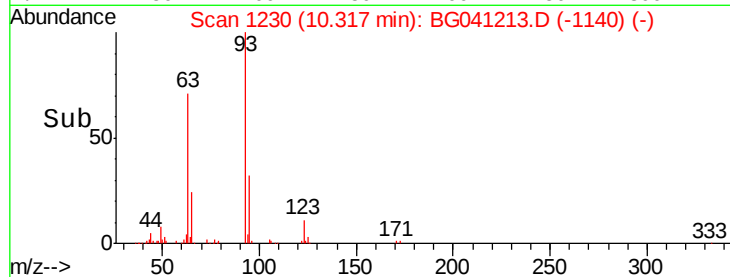
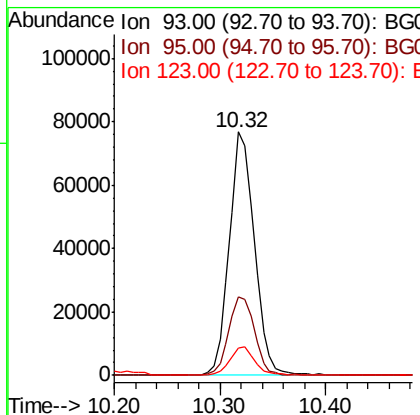
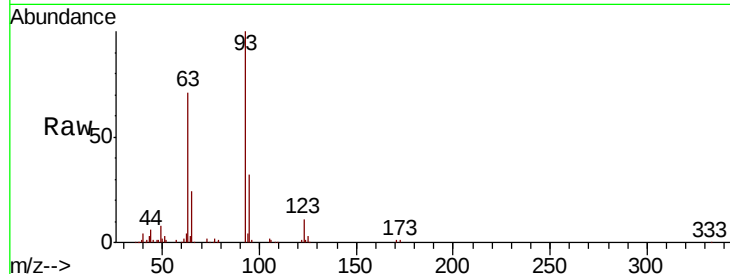


#28
bis(2-Chloroethoxy)methane
Concen: 38.416 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tgt Ion: 93 Resp: 125926

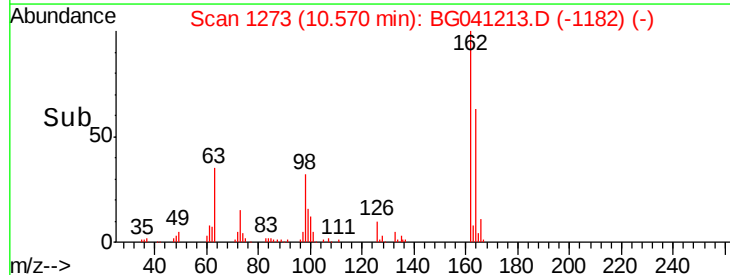
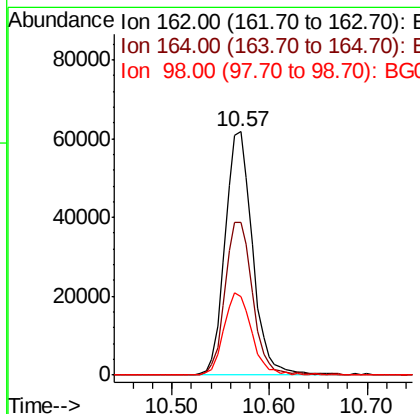
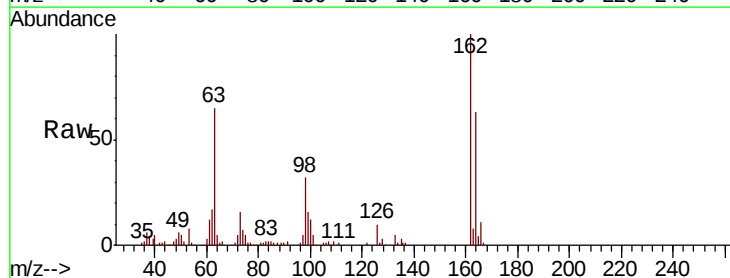
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.2
123	11.0	9.5	14.3

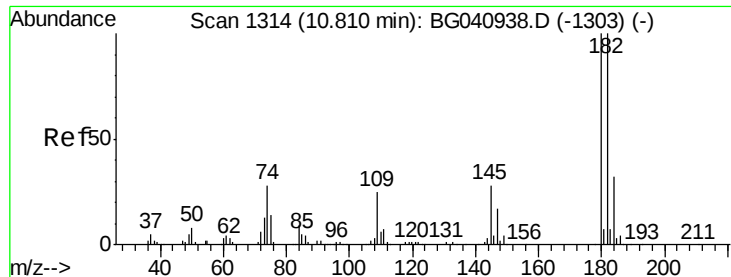


#29
2,4-Dichlorophenol
Concen: 43.093 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion: 162 Resp: 121172

Ion	Ratio	Lower	Upper
162	100		
164	62.7	39.4	79.4
98	32.4	15.3	55.3

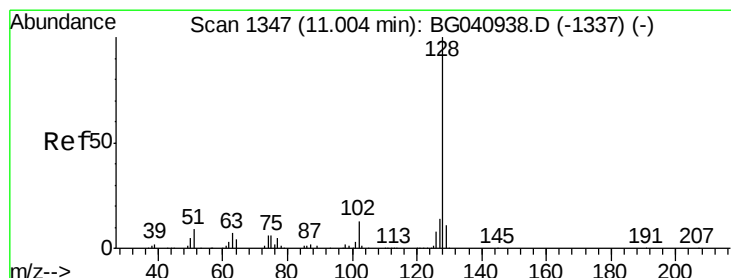
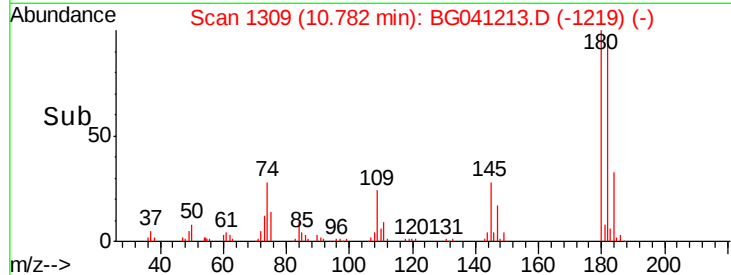
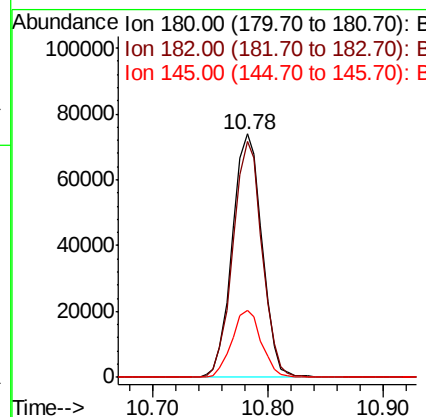
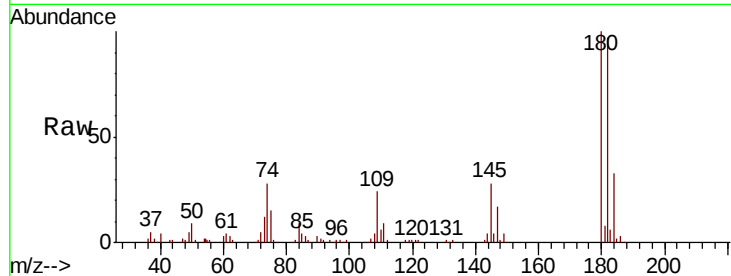




#30
 1,2,4-Trichlorobenzene
 Concen: 41.148 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

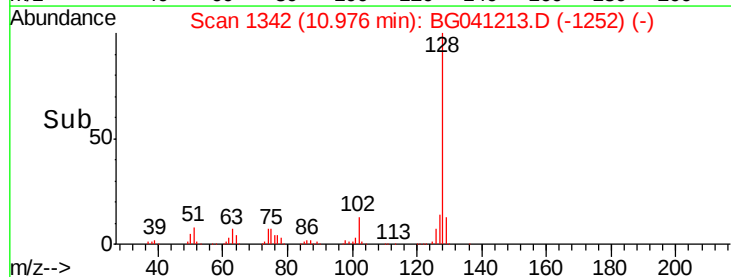
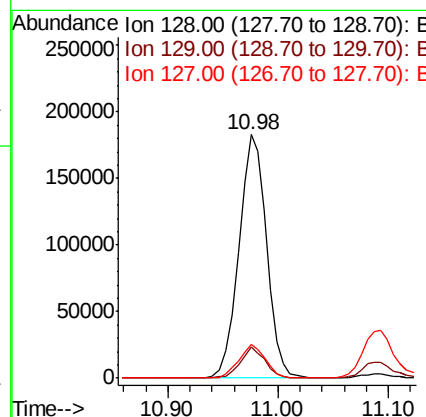
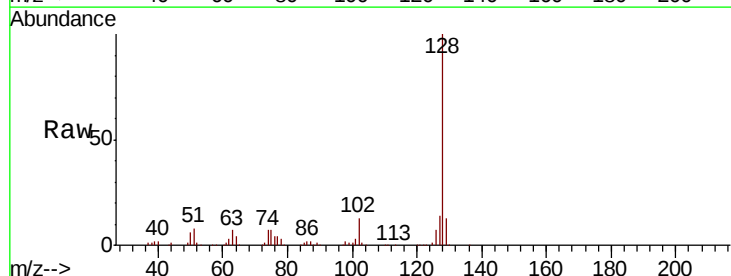
Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

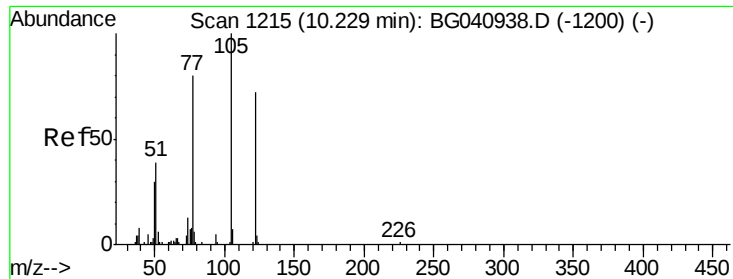
Tgt Ion:	180	Resp:	131622
Ion	Ratio	Lower	Upper
180	100		
182	97.0	79.7	119.5
145	27.7	22.6	34.0



#31
 Naphthalene
 Concen: 42.267 ng
 RT: 10.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion:	128	Resp:	321505
Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.5	12.7
127	14.1	11.4	17.2





#32

Benzoic acid

Concen: 33.169 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

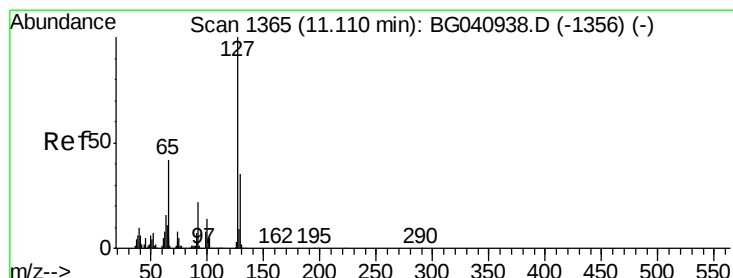
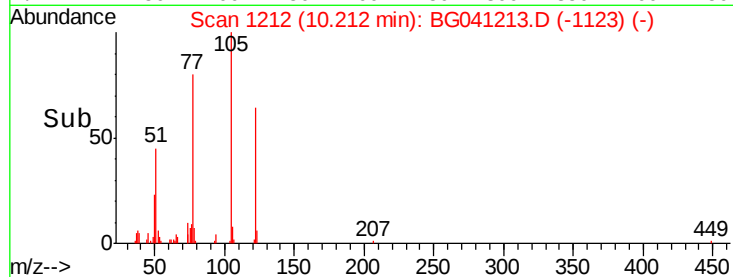
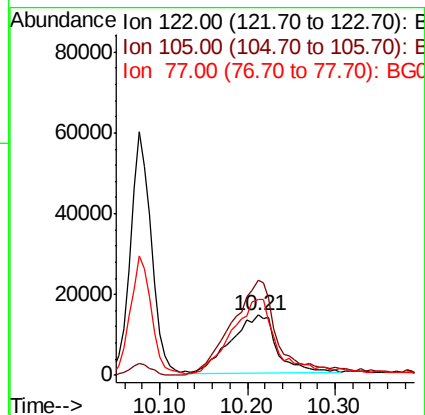
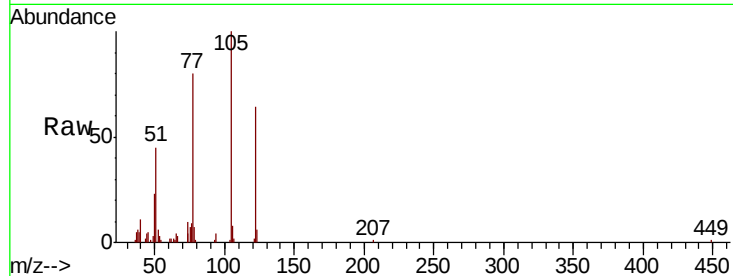
Tgt Ion:122 Resp: 51903

Ion Ratio Lower Upper

122 100

105 157.1 114.8 154.8#

77 125.4 89.9 129.9



#33

4-Chloroaniline

Concen: 20.893 ng

RT: 11.09 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:127 Resp: 73740

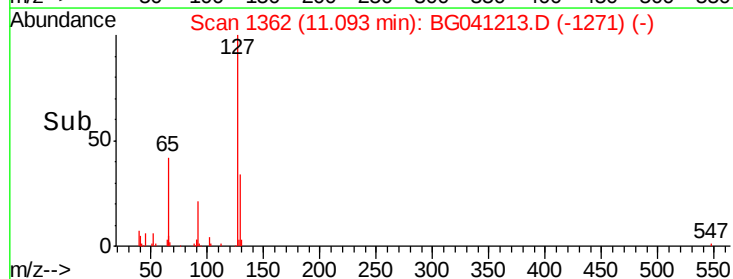
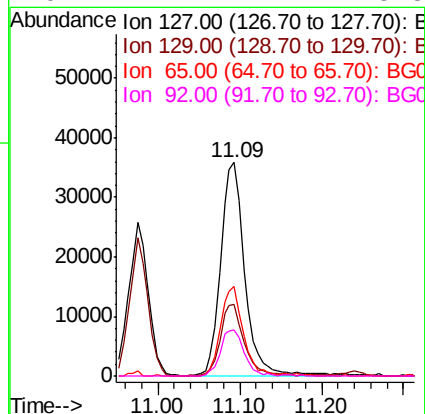
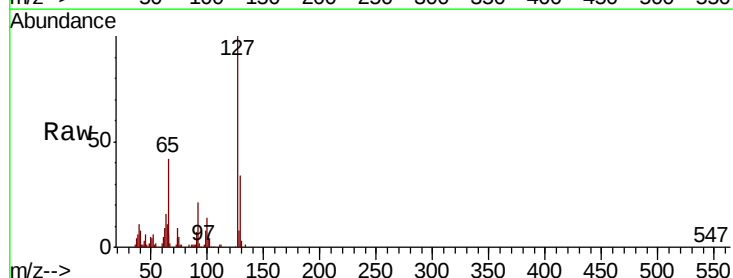
Ion Ratio Lower Upper

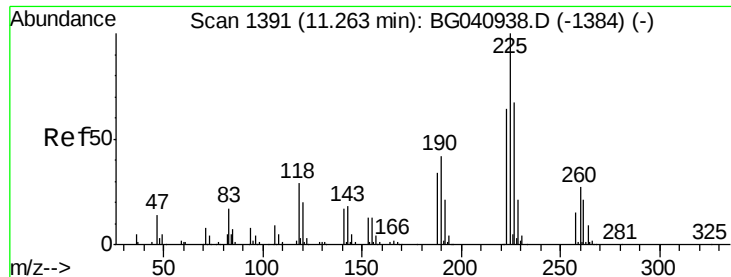
127 100

129 33.9 27.7 41.5

65 41.9 33.2 49.8

92 21.4 17.2 25.8

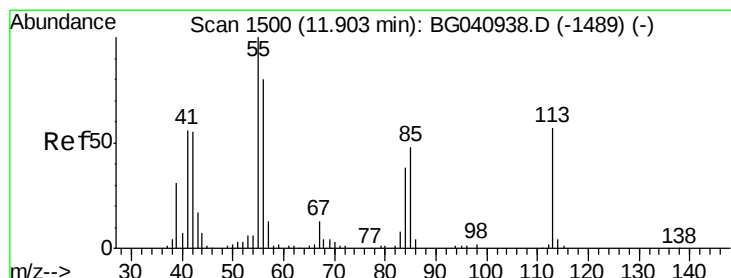
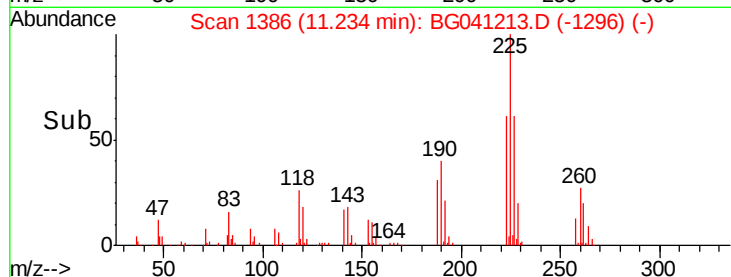
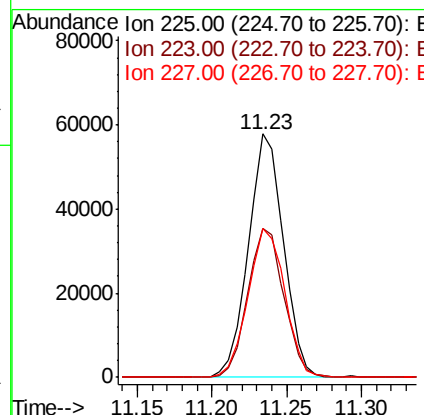
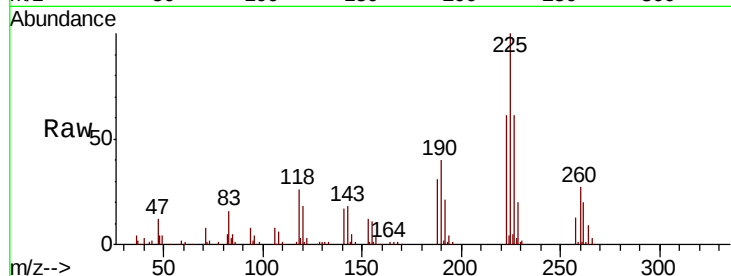




#34
Hexachlorobutadiene
Concen: 38.270 ng
RT: 11.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

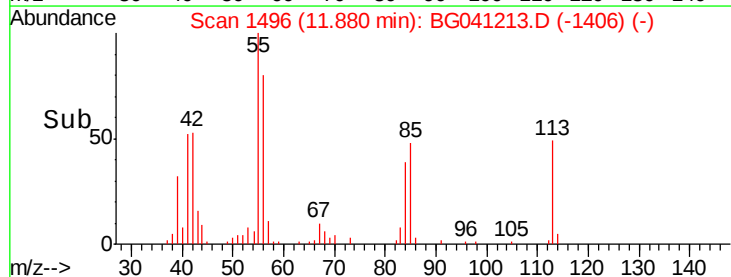
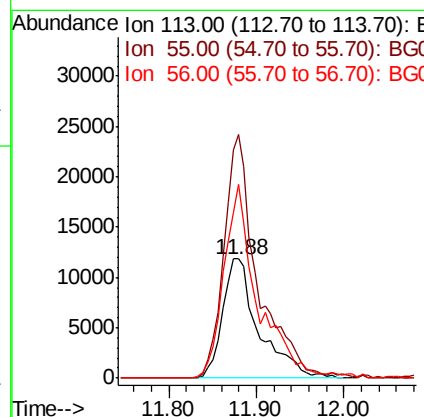
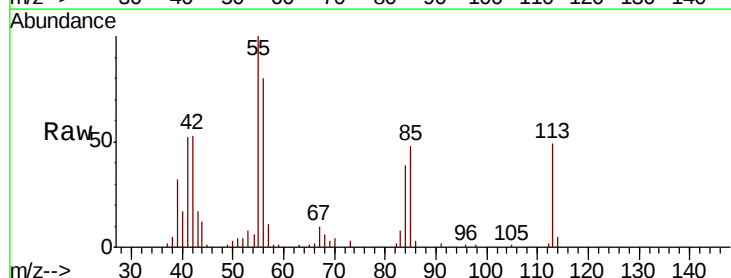
Instrument :
BNA_G
ClientSampleId :
PB120532BS

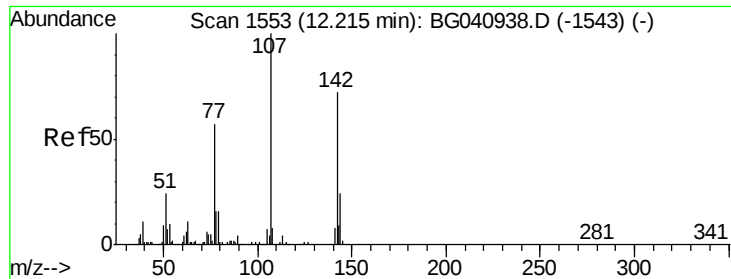
Tgt Ion: 225 Resp: 93667
Ion Ratio Lower Upper
225 100
223 61.1 48.8 73.2
227 61.0 51.4 77.0



#35
Caprolactam
Concen: 36.279 ng
RT: 11.88 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion: 113 Resp: 33687
Ion Ratio Lower Upper
113 100
55 204.4 155.9 195.9#
56 162.9 119.9 159.9#

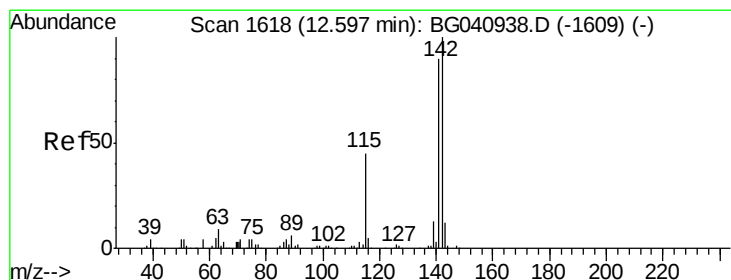
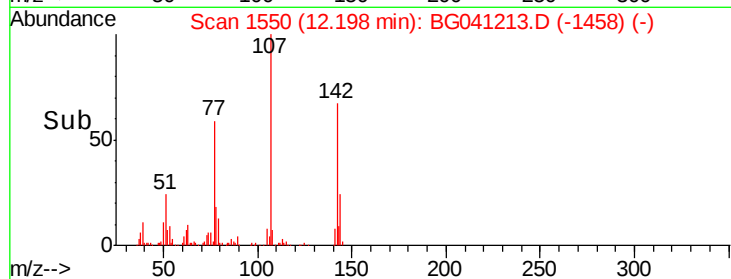
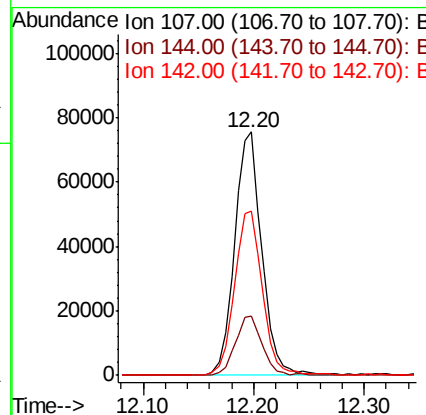
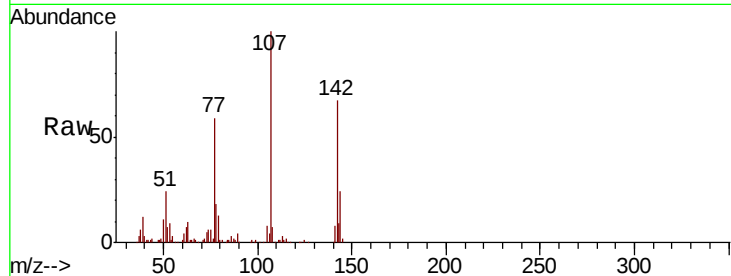




#36
 4-Chloro-3-methylphenol
 Concen: 40.538 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

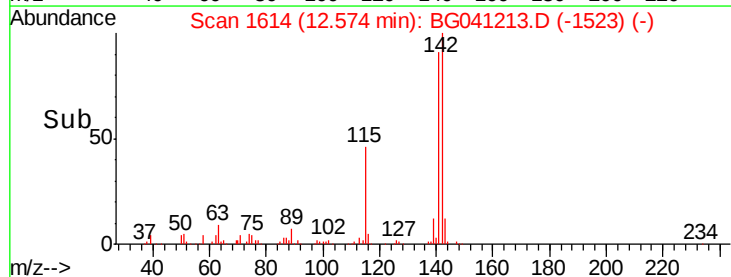
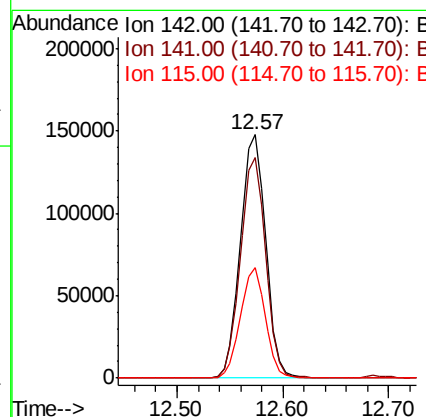
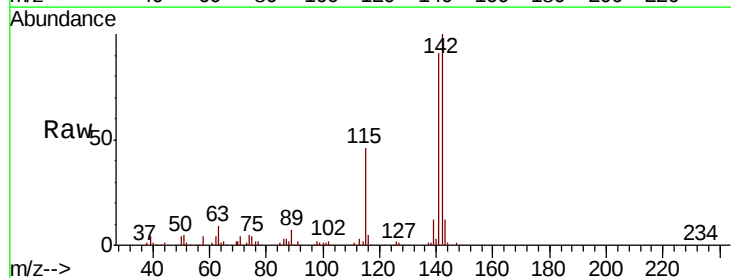
Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

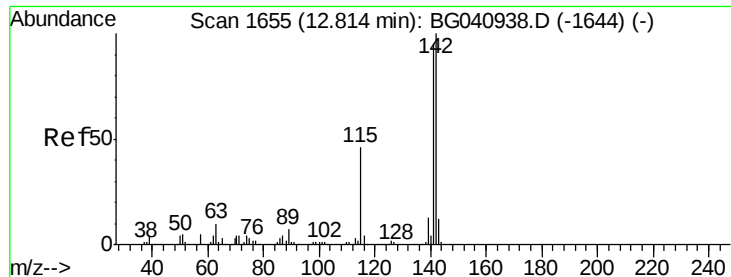
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.4	29.0
142	67.5	57.3	85.9



#37
 2-Methylnaphthalene
 Concen: 41.720 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.4
115	45.6	36.2	54.4

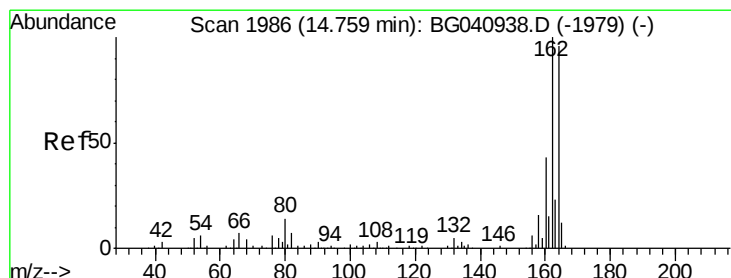
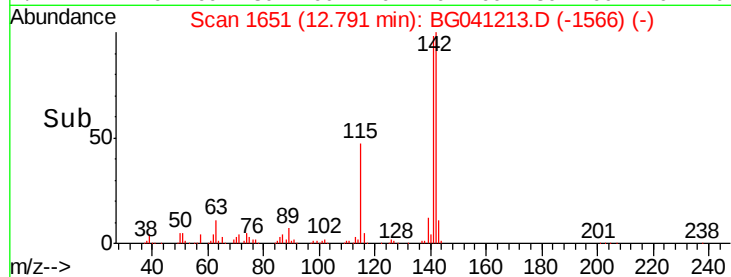
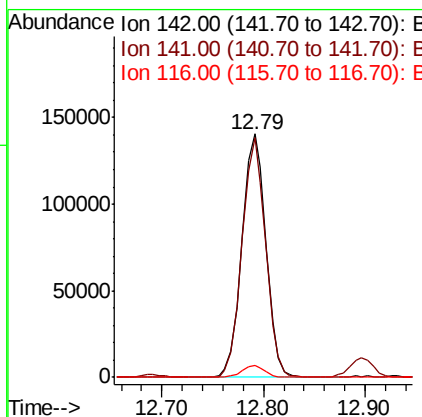
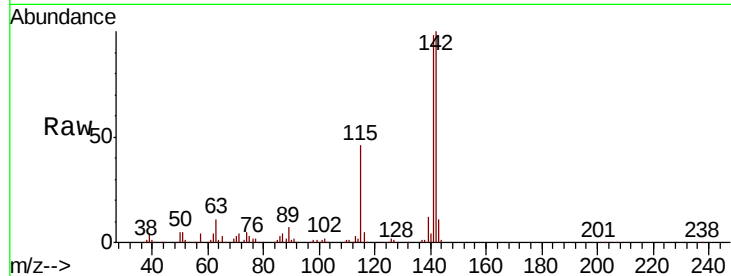




#38
 1-Methylnaphthalene
 Concen: 41.820 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

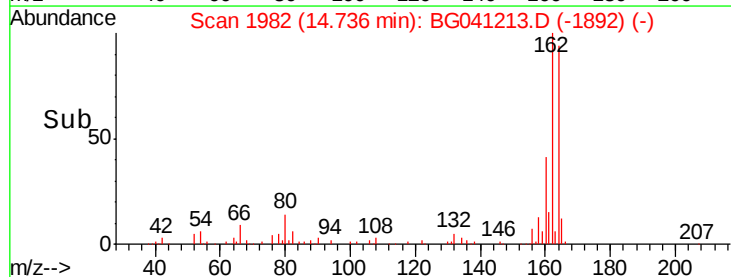
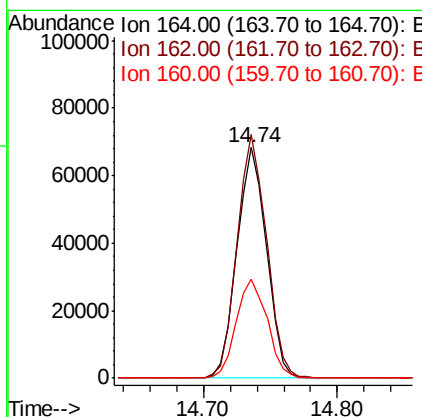
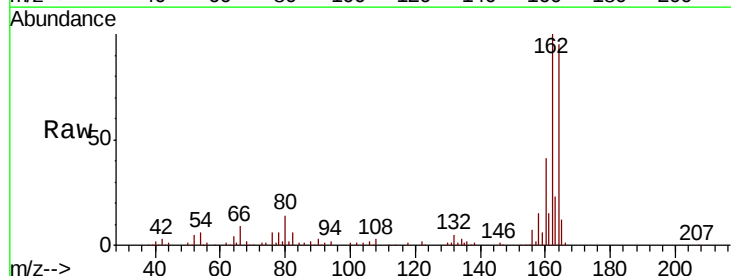
Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

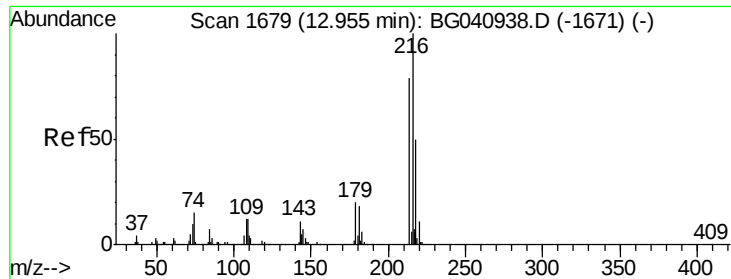
Tgt Ion:142 Resp: 230871
 Ion Ratio Lower Upper
 142 100
 141 98.3 75.7 113.5
 116 4.8 3.4 5.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion:164 Resp: 104657
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.0 124.4
 160 42.8 35.6 53.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.180 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

Tgt Ion:216 Resp: 182145

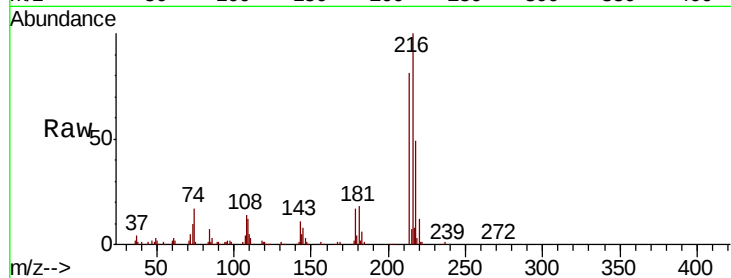
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 18.8 15.2 22.8

108 16.7 11.4 17.2

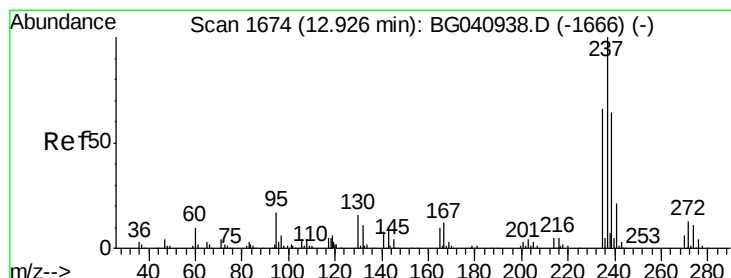
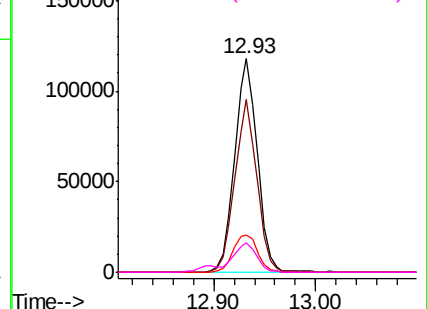
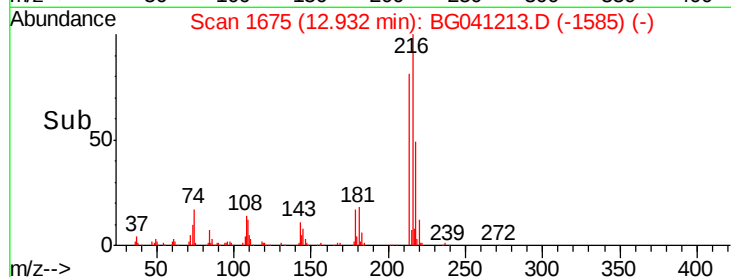


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.359 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

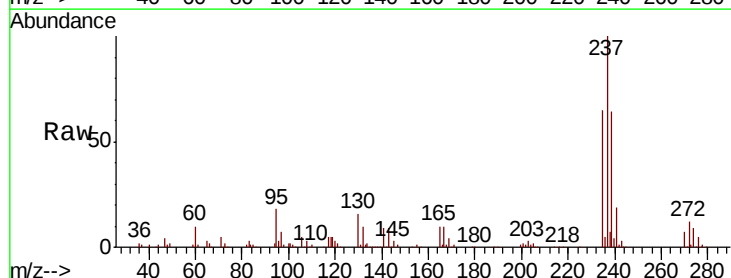
Tgt Ion:237 Resp: 189892

Ion Ratio Lower Upper

237 100

235 65.0 45.5 85.5

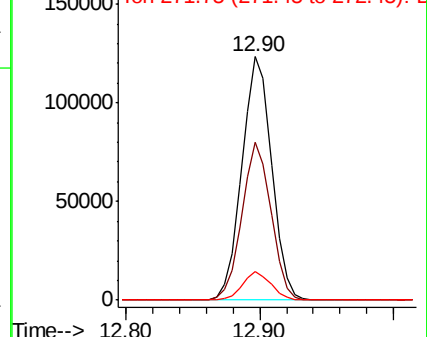
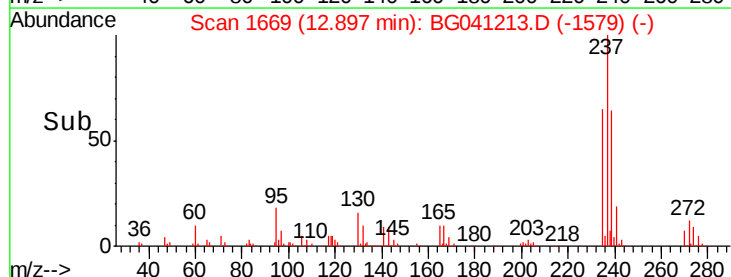
272 11.8 0.0 32.9

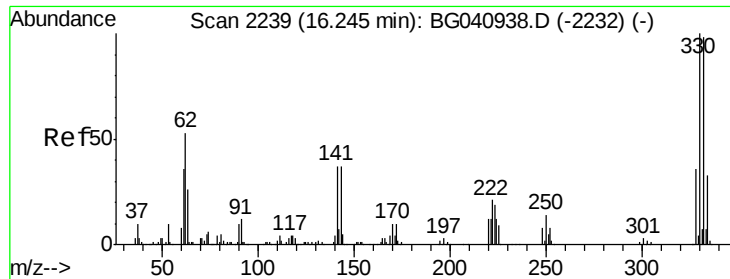


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

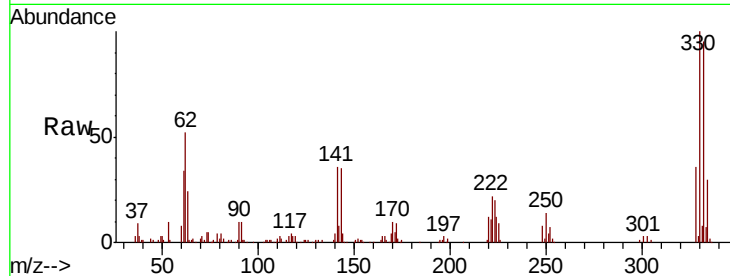




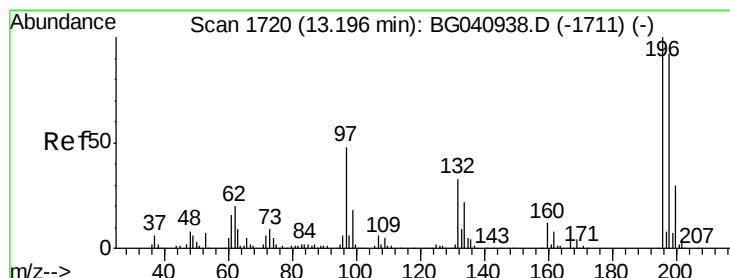
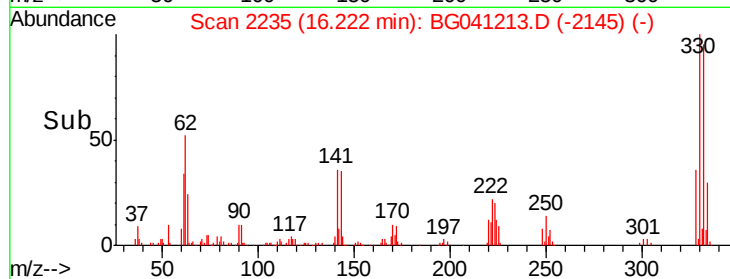
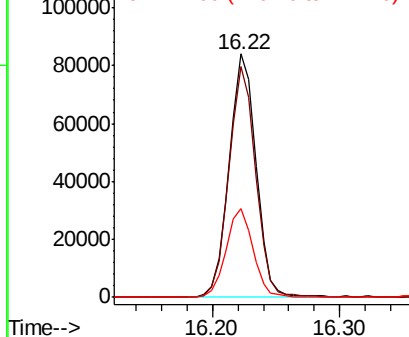
#42
 2,4,6-Tribromophenol
 Concen: 79.332 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tgt Ion:330 Resp: 123259
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.5 117.7
 141 36.4 28.7 43.1

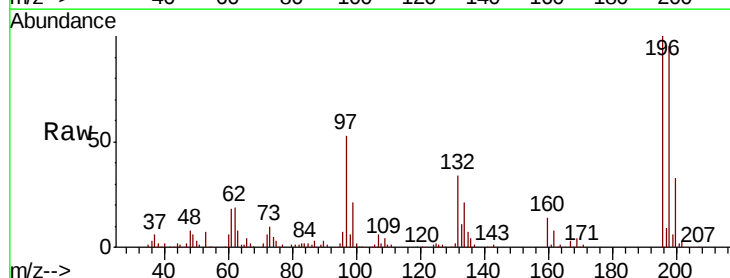


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

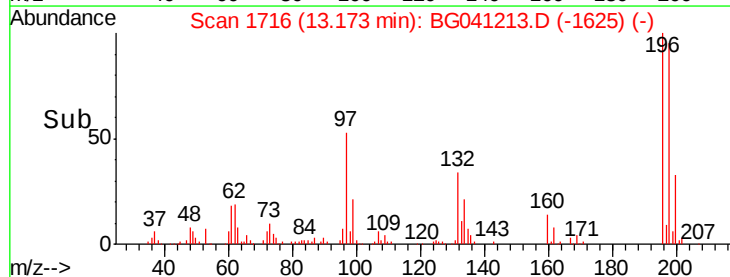
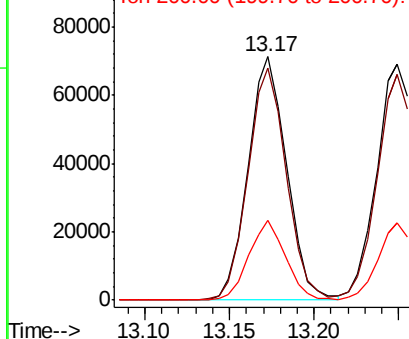


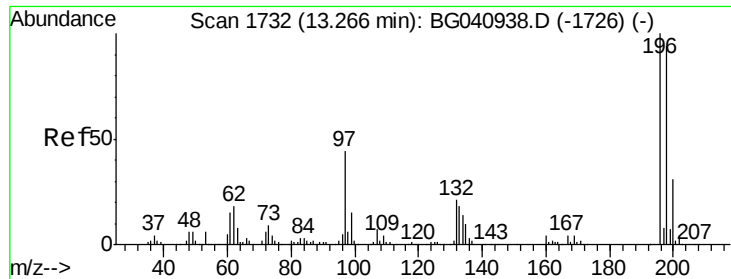
#43
 2,4,6-Trichlorophenol
 Concen: 41.457 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion:196 Resp: 113130
 Ion Ratio Lower Upper
 196 100
 198 95.4 73.8 110.6
 200 32.5 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

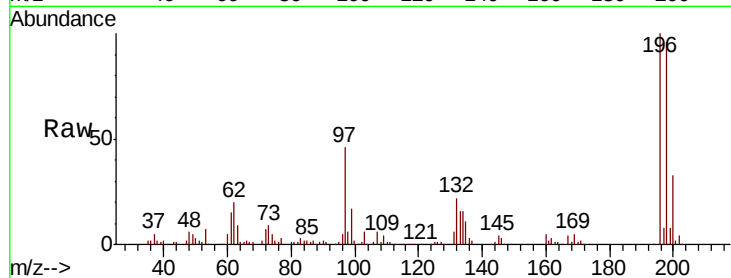




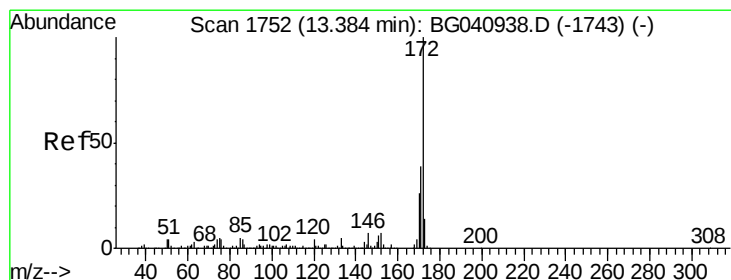
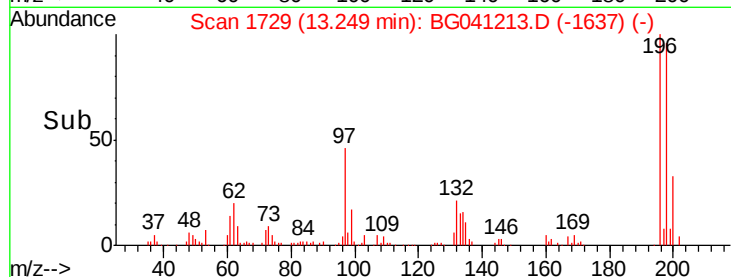
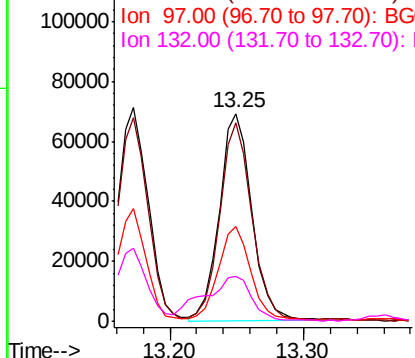
#44
 2,4,5-Trichlorophenol
 Concen: 40.951 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tgt Ion:	196	Resp:	117854
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.1	112.7
97	45.8	35.6	53.4
132	21.6	16.7	25.1

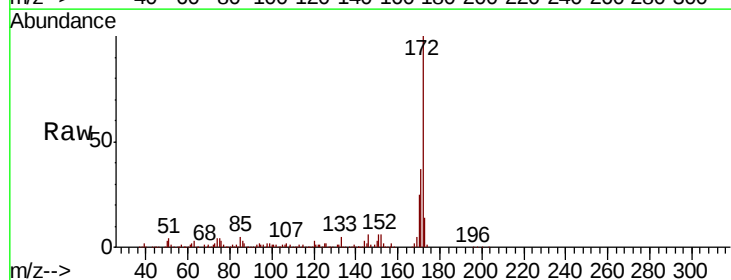


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

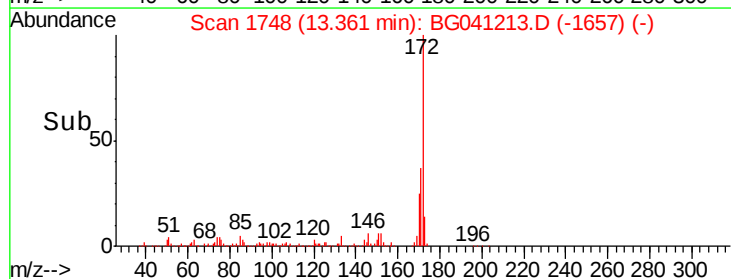
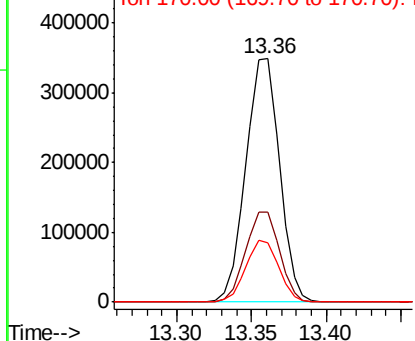


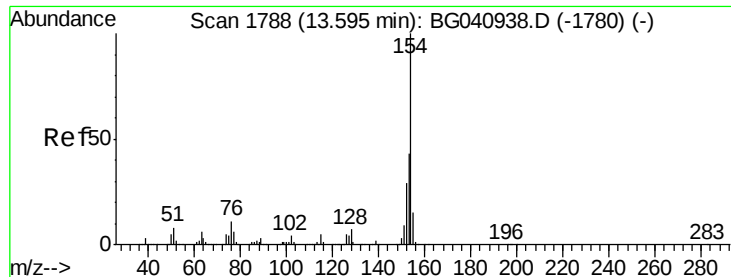
#45
 2-Fluorobiphenyl
 Concen: 75.349 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion:	172	Resp:	547585
Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.1	46.7
170	24.6	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

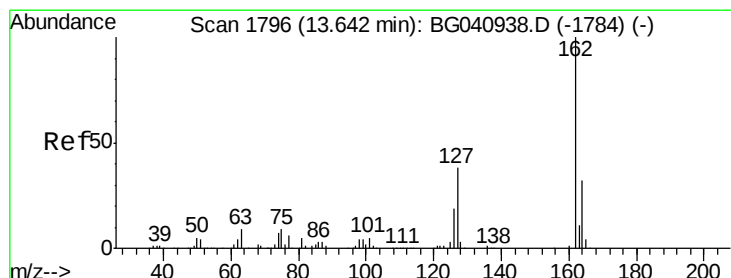
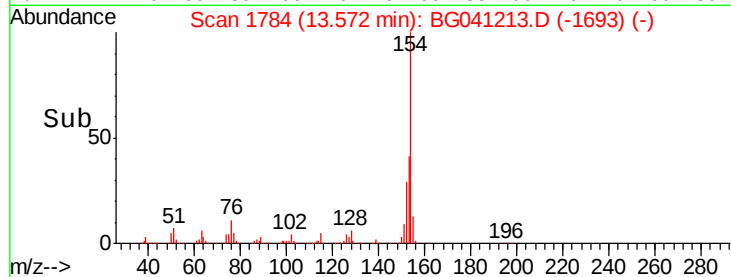
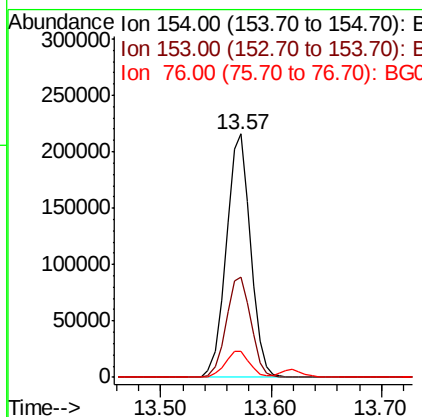
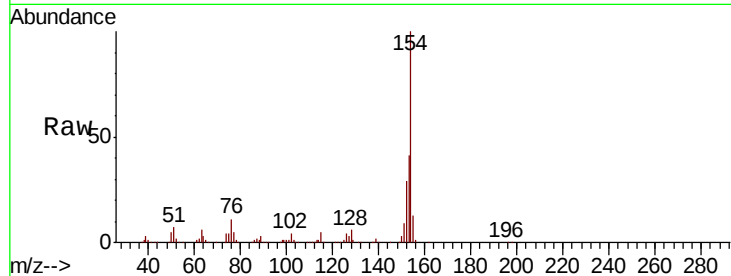




#46
 1,1'-Biphenyl
 Concen: 42.798 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

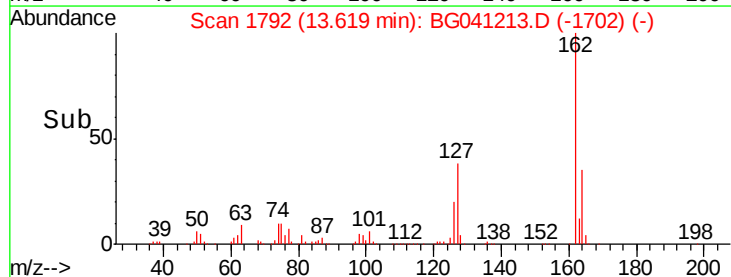
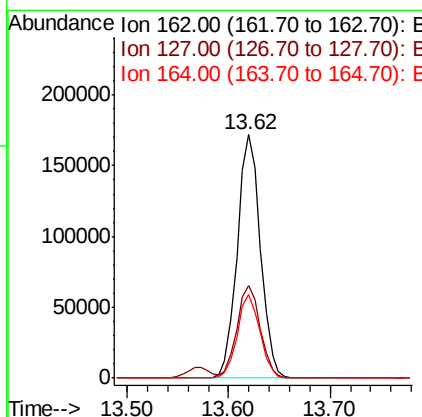
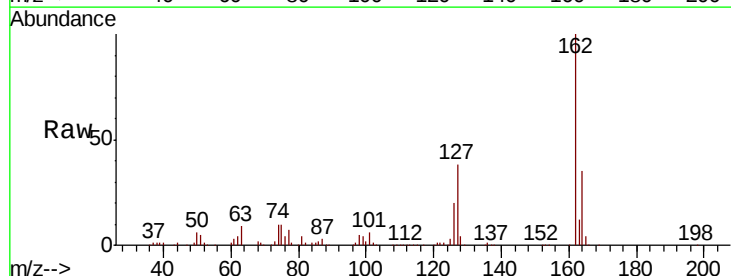
Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

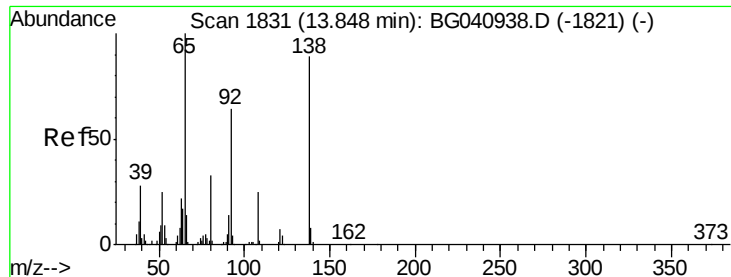
Tgt Ion:	154	Resp:	331549
Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.3	63.3
76	10.7	0.0	31.1



#47
 2-Chloronaphthalene
 Concen: 40.833 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion:	162	Resp:	271564
Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	34.5	25.8	38.6

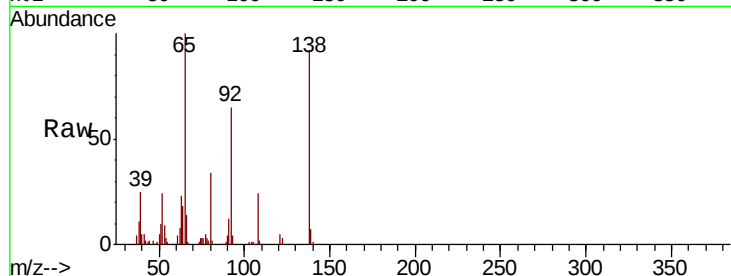




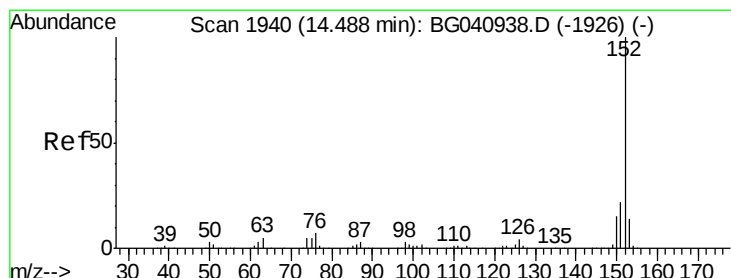
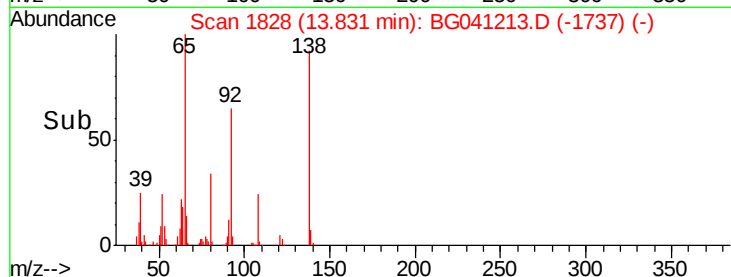
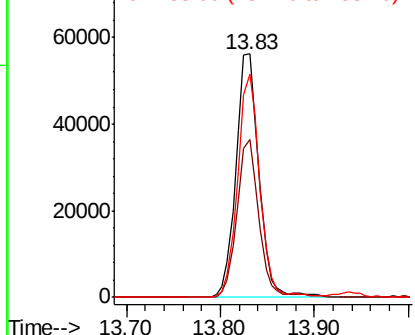
#48
2-Nitroaniline
Concen: 40.119 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tgt Ion: 65 Resp: 95719
Ion Ratio Lower Upper
65 100
92 64.8 51.0 76.6
138 91.7 71.2 106.8

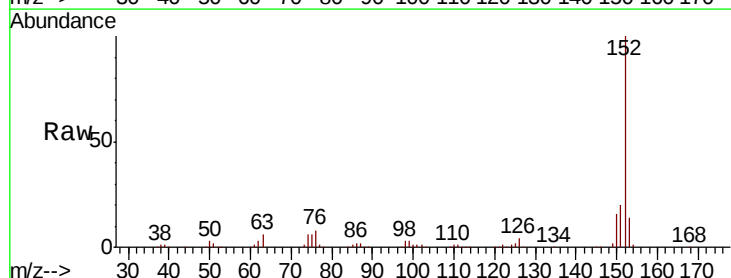


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

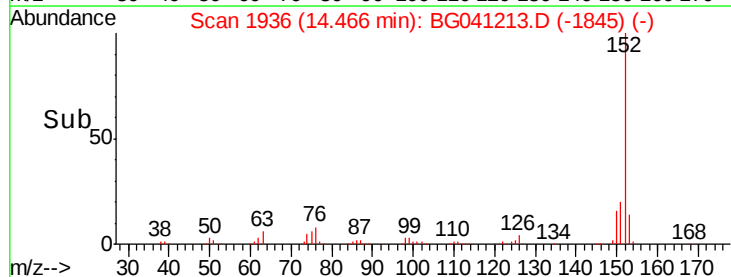
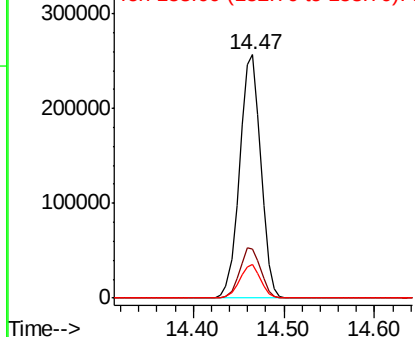


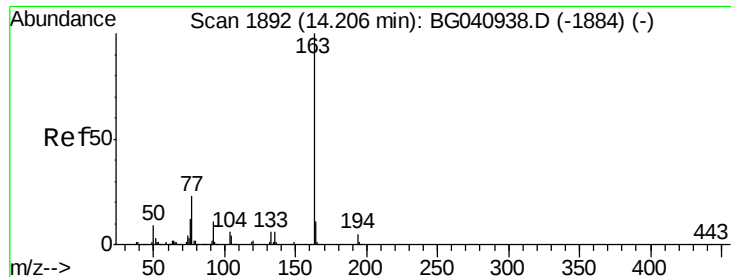
#49
Acenaphthylene
Concen: 41.680 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion: 152 Resp: 417195
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.0
153 13.9 11.0 16.4



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





#50

Dimethylphthalate

Concen: 39.227 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

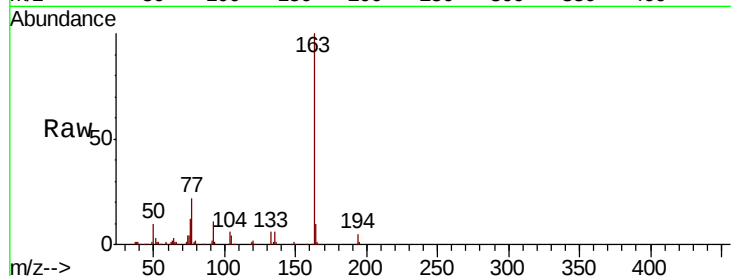
Tgt Ion:163 Resp: 347518

Ion Ratio Lower Upper

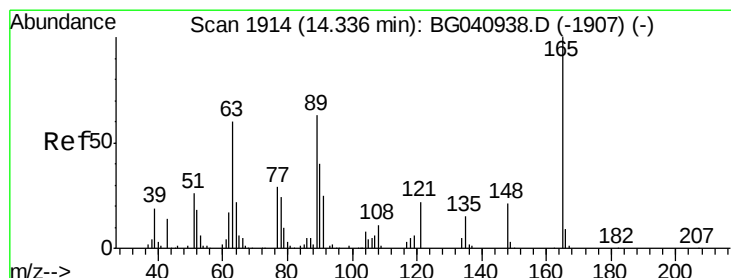
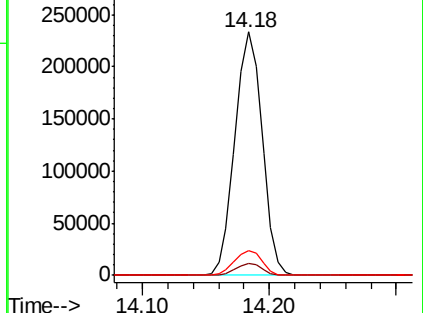
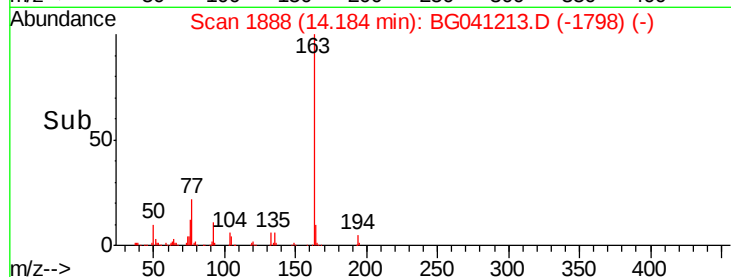
163 100

194 4.8 3.8 5.8

164 10.1 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: 41.240 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

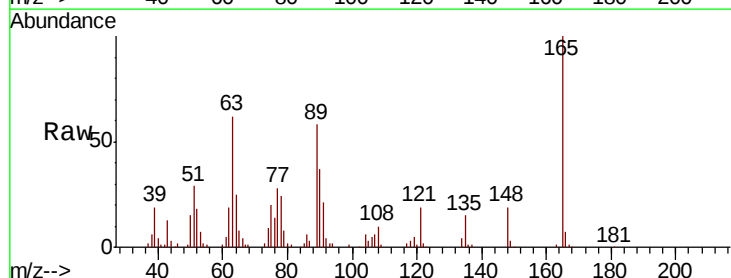
Tgt Ion:165 Resp: 78774

Ion Ratio Lower Upper

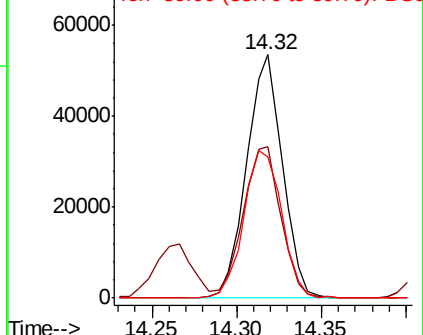
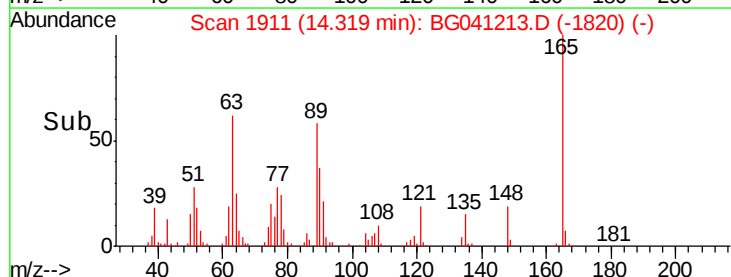
165 100

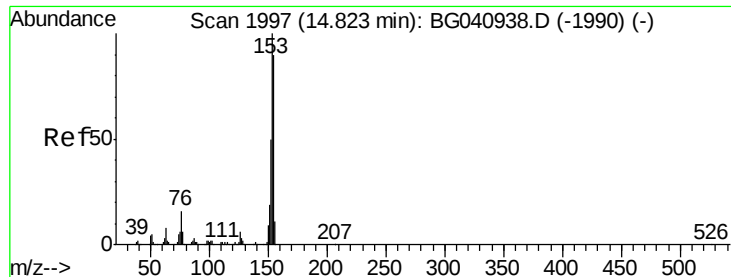
63 62.0 53.6 80.4

89 58.1 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: 40.401 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

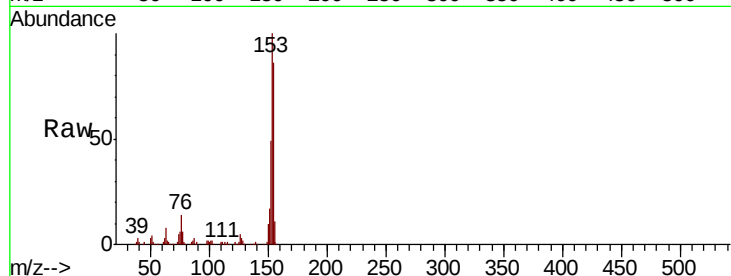
Tgt Ion:154 Resp: 244978

Ion Ratio Lower Upper

154 100

153 116.4 88.6 133.0

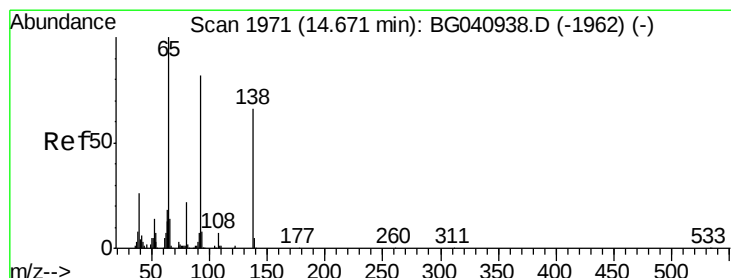
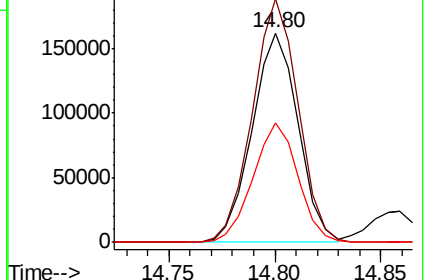
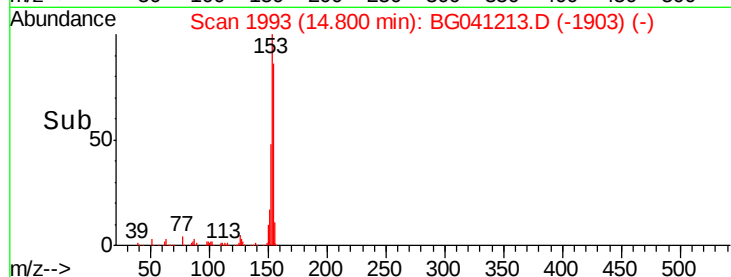
152 57.0 44.2 66.4



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: 30.698 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

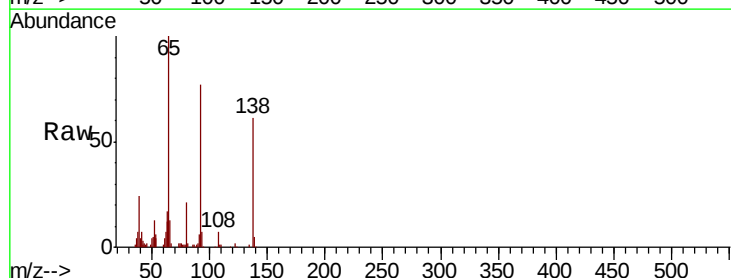
Tgt Ion:138 Resp: 58636

Ion Ratio Lower Upper

138 100

108 12.2 8.5 12.7

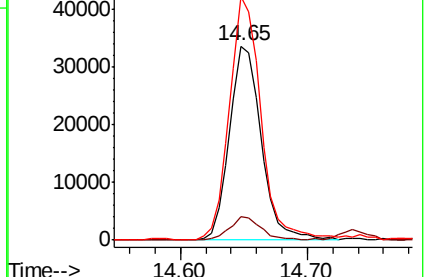
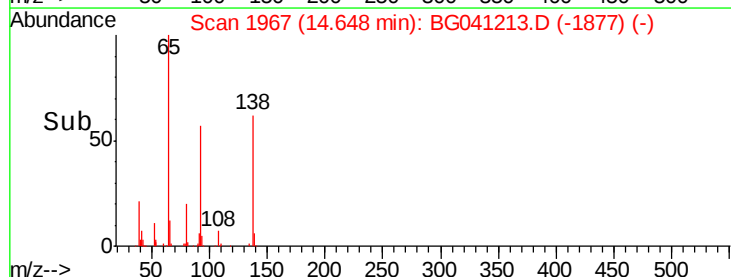
92 125.3 99.0 148.6

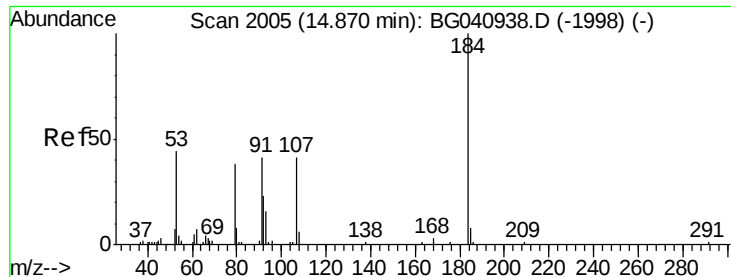


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

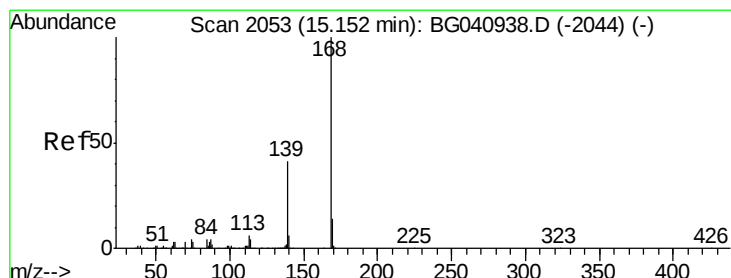
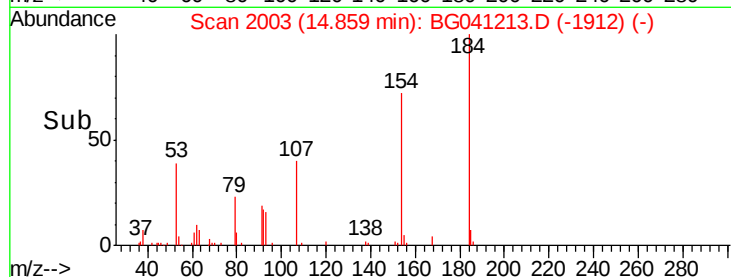
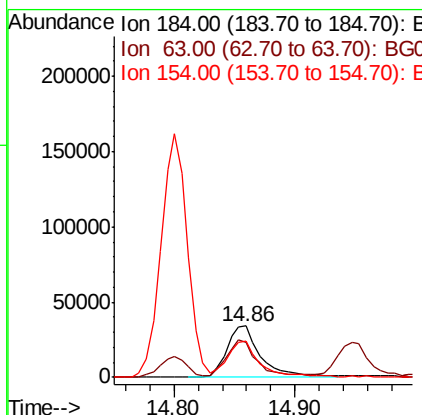
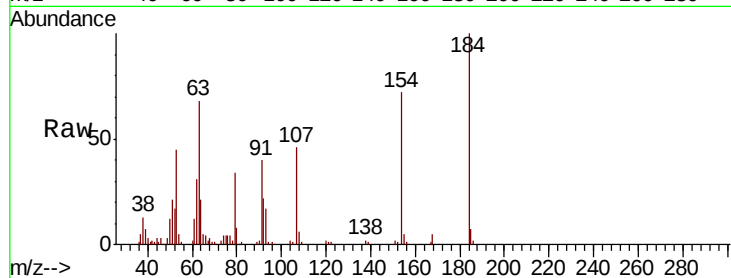




#54
2,4-Dinitrophenol
Concen: 70.715 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

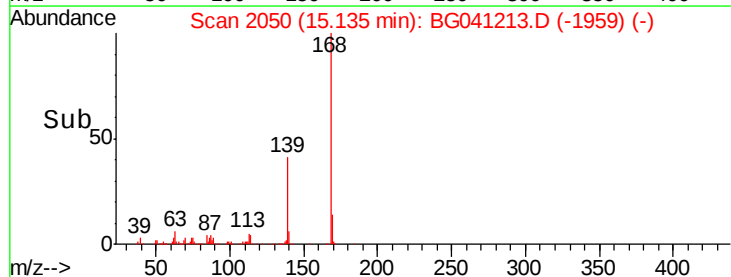
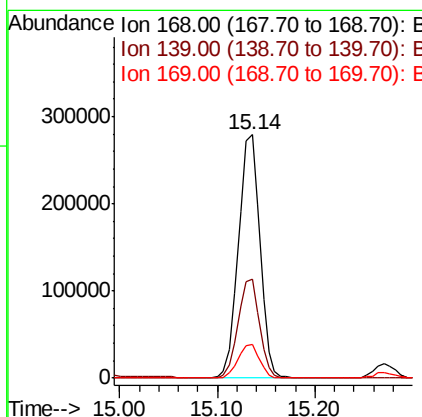
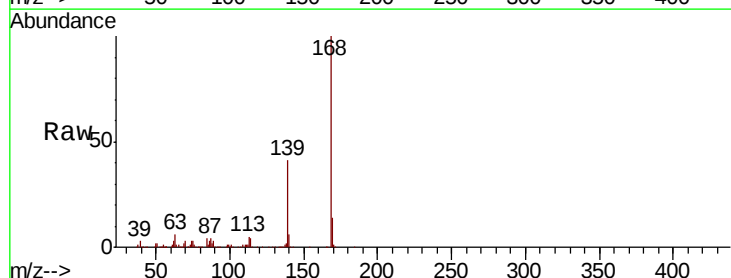
Instrument :
BNA_G
ClientSampleId :
PB120532BS

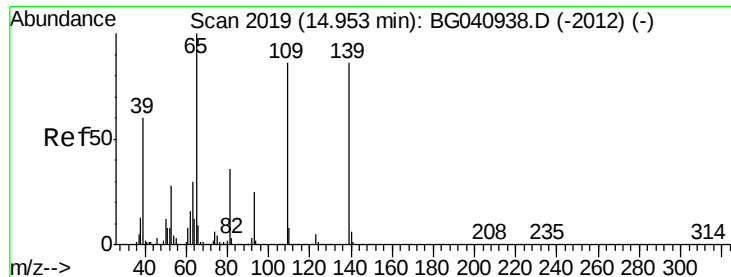
Tgt Ion:184 Resp: 66682
Ion Ratio Lower Upper
184 100
63 68.1 49.8 74.6
154 71.7 52.2 78.4



#55
Dibenzofuran
Concen: 42.084 ng
RT: 15.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion:168 Resp: 429392
Ion Ratio Lower Upper
168 100
139 40.7 32.8 49.2
169 14.1 11.3 16.9





#56

4-Nitrophenol

Concen: 81.712 ng

RT: 14.95 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

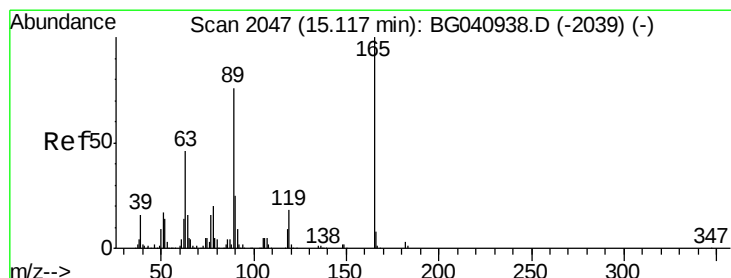
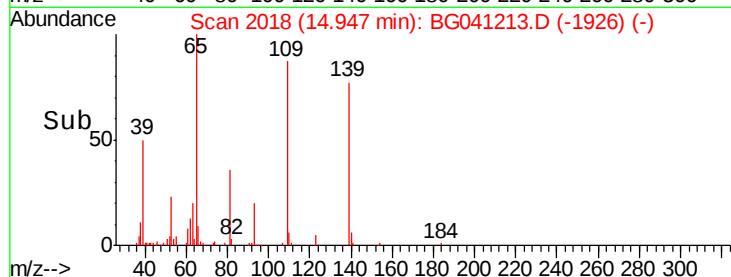
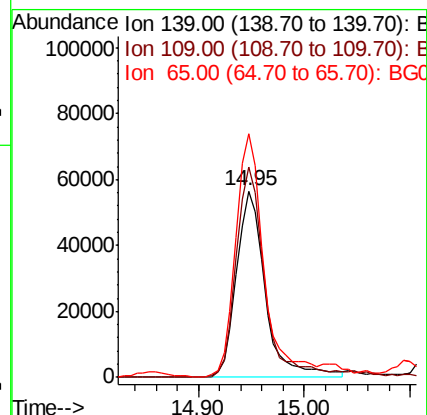
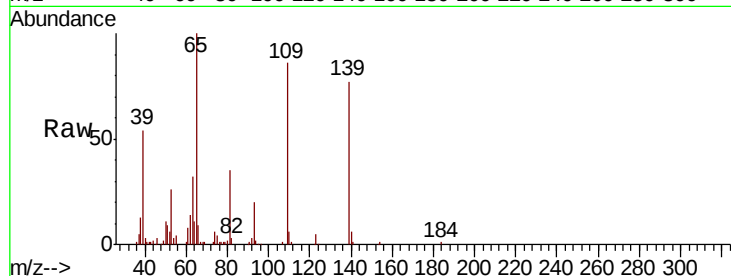
Tgt Ion:139 Resp: 107054

Ion Ratio Lower Upper

139 100

109 112.6 79.6 119.6

65 130.5 96.9 136.9



#57

2,4-Dinitrotoluene

Concen: 41.185 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:165 Resp: 111126

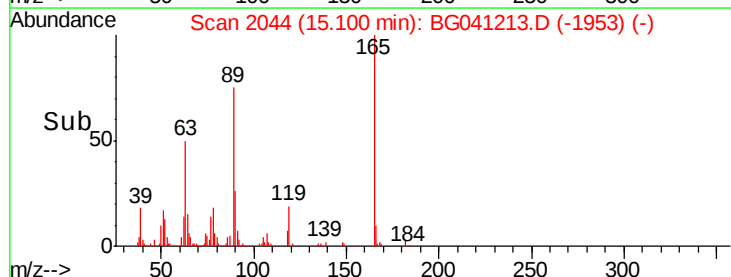
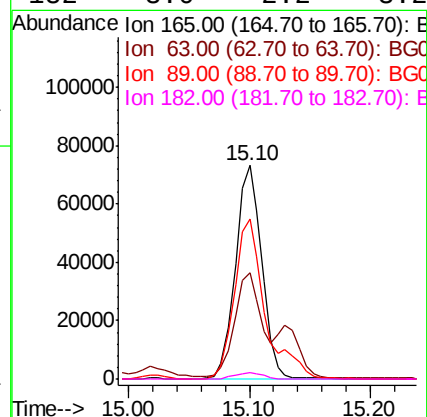
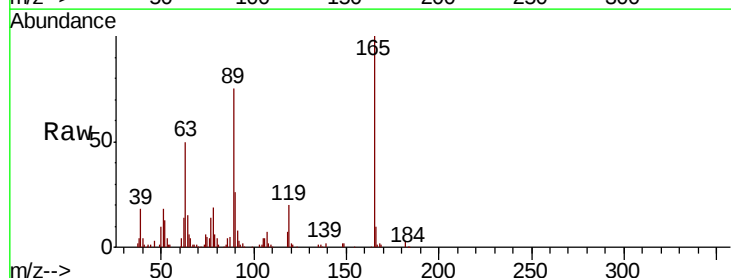
Ion Ratio Lower Upper

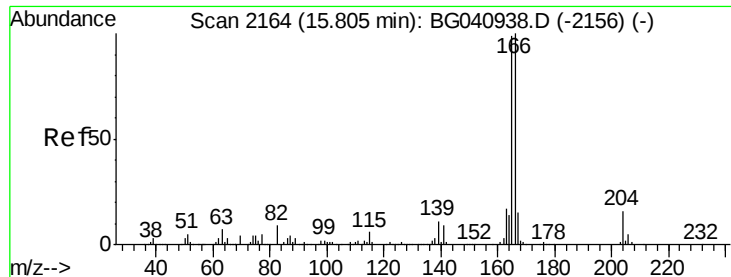
165 100

63 49.8 37.3 55.9

89 75.1 61.0 91.6

182 3.0 2.2 3.2





#58

Fluorene

Concen: 41.297 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

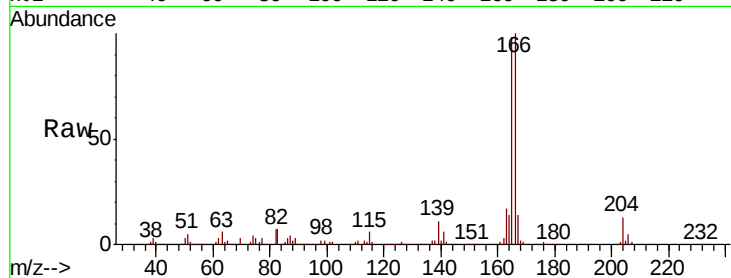
Tgt Ion:166 Resp: 335565

Ion Ratio Lower Upper

166 100

165 98.2 79.2 118.8

167 13.9 11.8 17.6

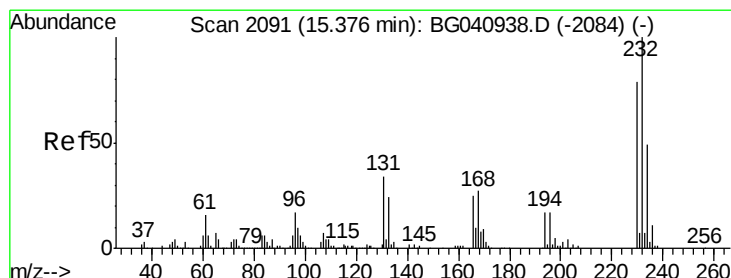
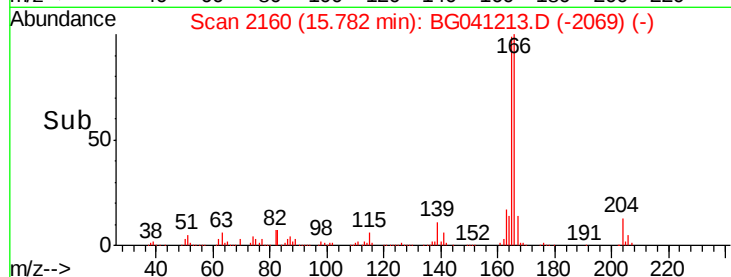
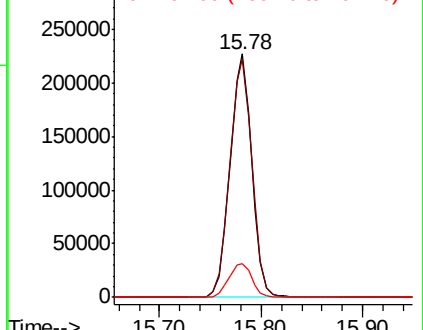


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.890 ng

RT: 15.35 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:232 Resp: 121305

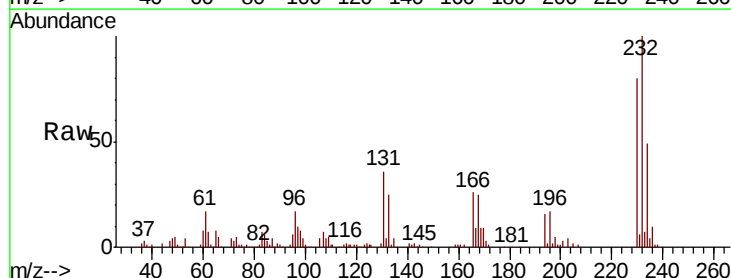
Ion Ratio Lower Upper

232 100

131 36.8 30.3 45.5

130 2.5 1.8 2.8

166 25.7 21.3 31.9



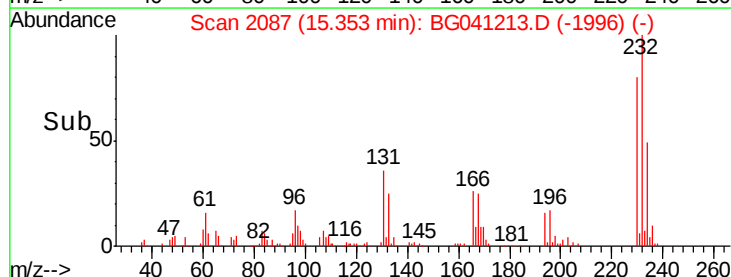
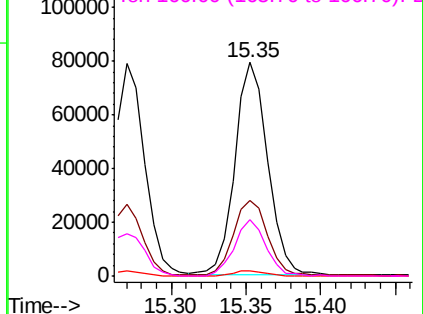
Abundance

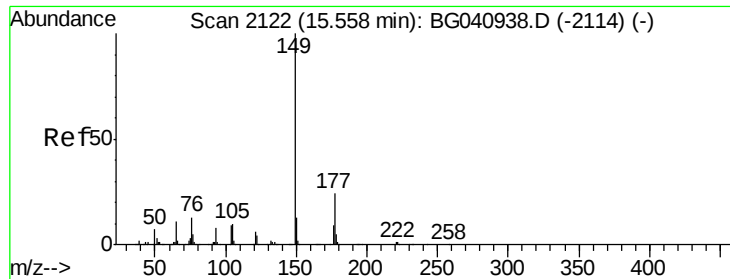
Ion 232.00 (231.70 to 232.70): E

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

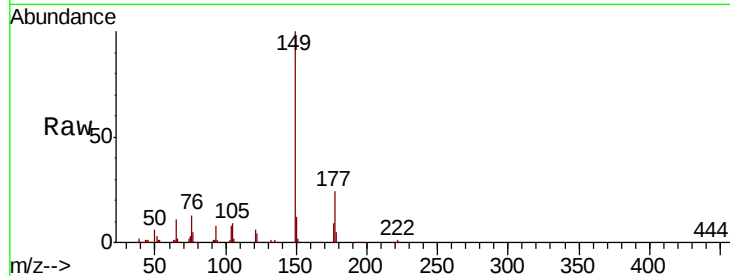




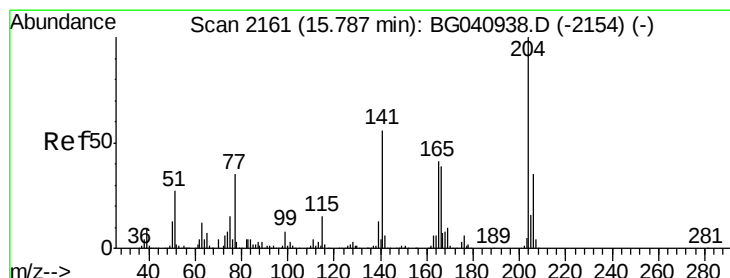
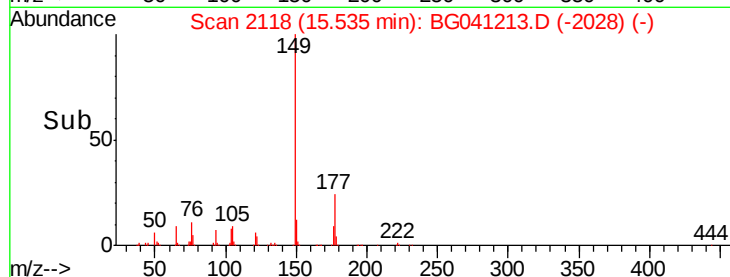
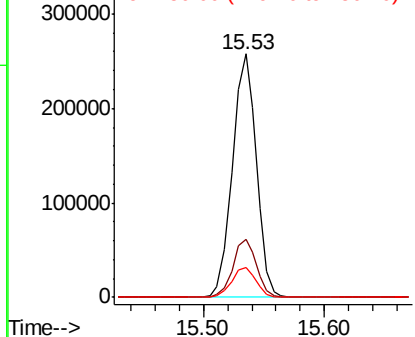
#60
Diethylphthalate
Concen: 39.265 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tgt Ion:149 Resp: 355003
Ion Ratio Lower Upper
149 100
177 24.0 19.4 29.0
150 12.4 10.3 15.5

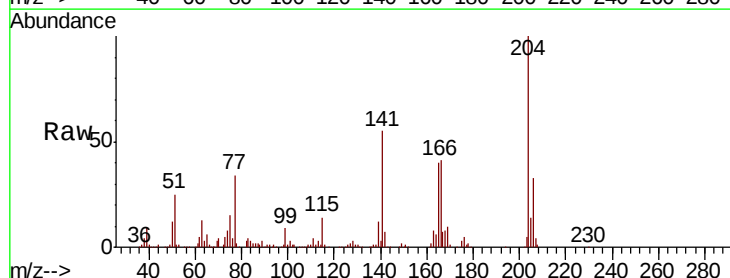


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

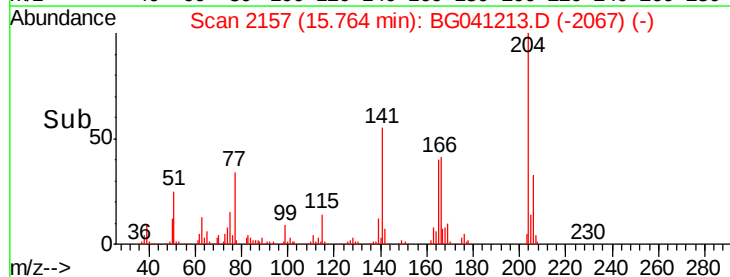
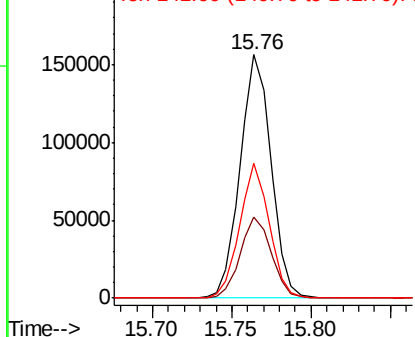


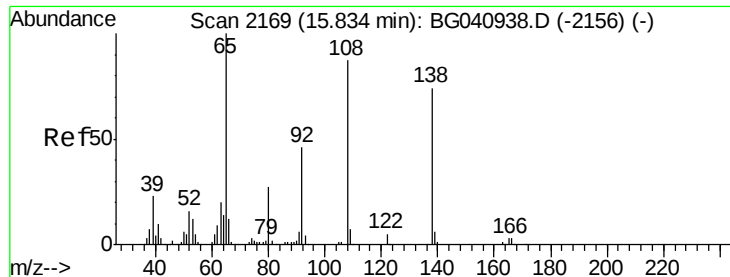
#61
4-Chlorophenyl-phenylether
Concen: 40.140 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion:204 Resp: 212000
Ion Ratio Lower Upper
204 100
206 33.1 27.6 41.4
141 55.1 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

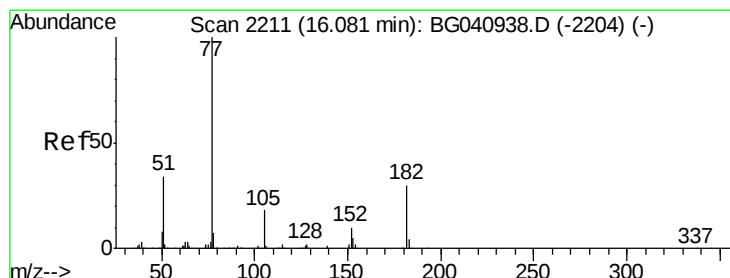
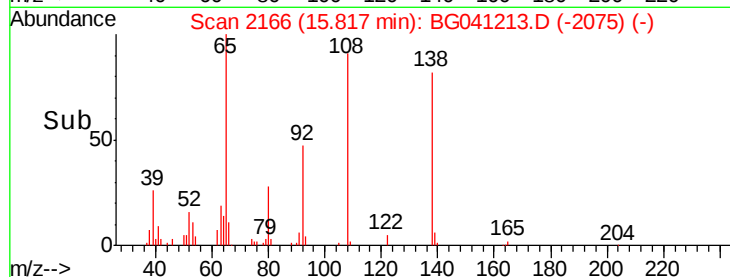
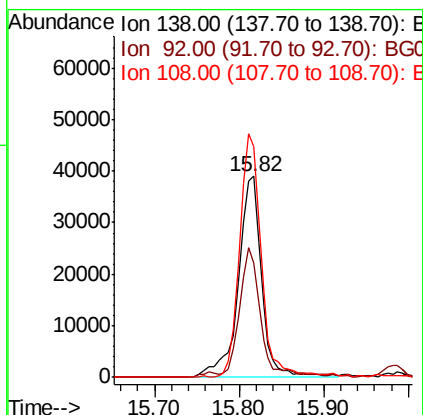
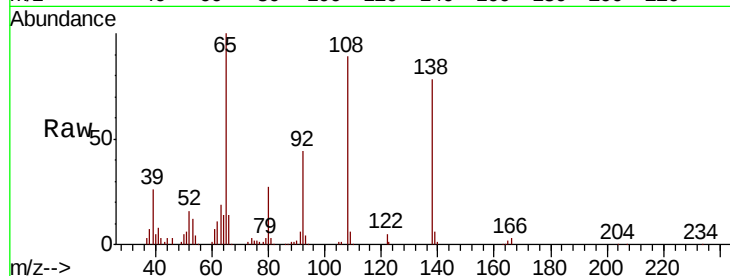




#62
4-Nitroaniline
Concen: 36.869 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

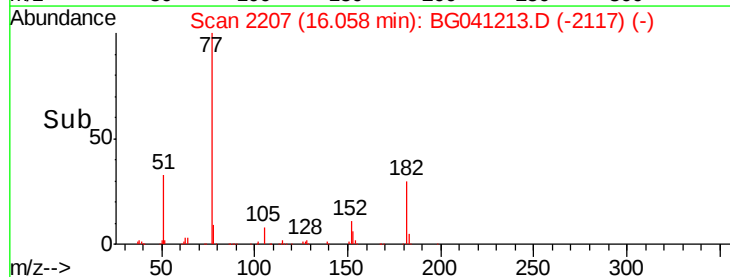
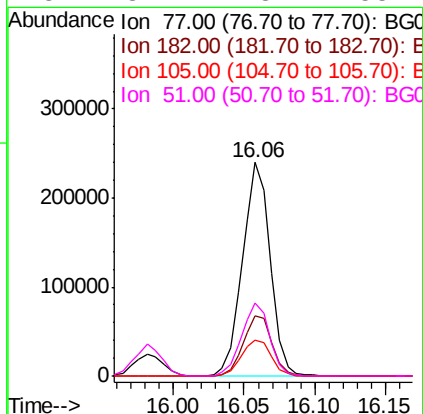
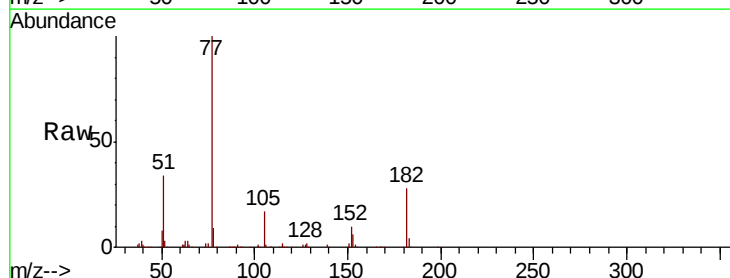
Instrument :
BNA_G
ClientSampleId :
PB120532BS

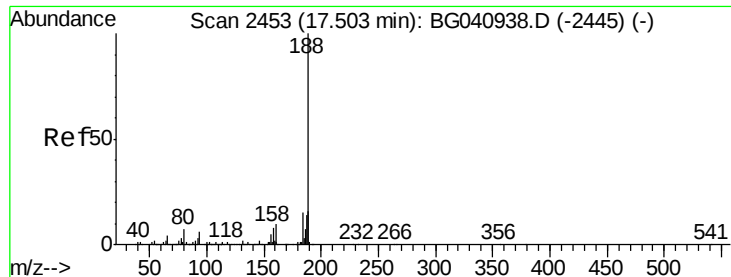
Tgt Ion:138 Resp: 74554
Ion Ratio Lower Upper
138 100
92 56.9 42.4 82.4
108 114.7 96.9 136.9



#63
Azobenzene
Concen: 39.903 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion: 77 Resp: 327895
Ion Ratio Lower Upper
77 100
182 28.0 9.6 49.6
105 17.0 0.0 37.5
51 34.1 13.7 53.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

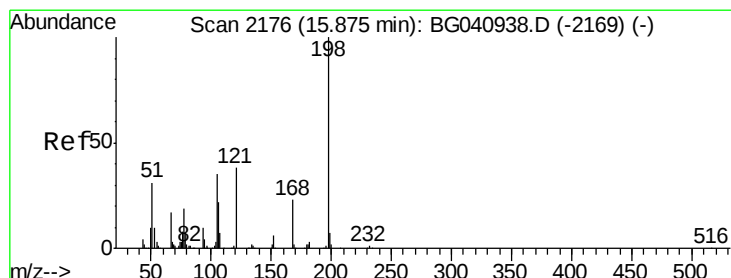
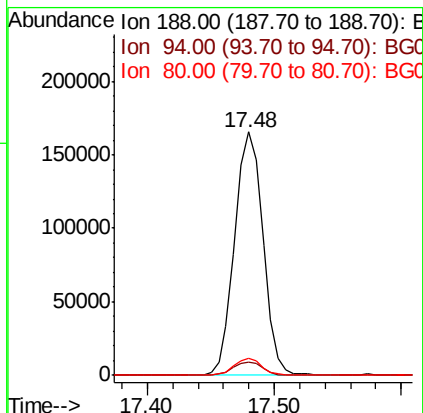
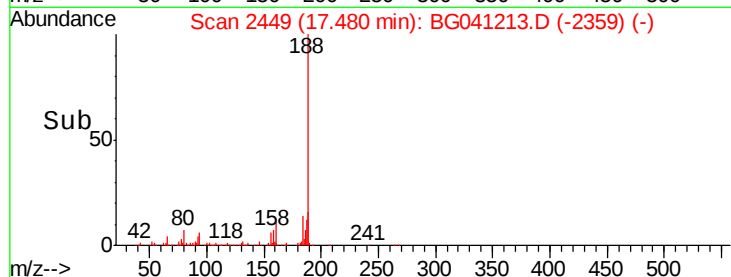
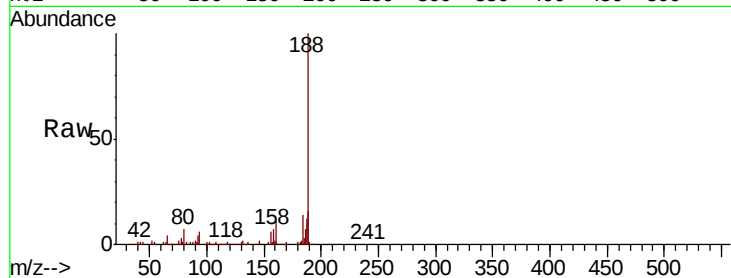
Tgt Ion:188 Resp: 256994

Ion Ratio Lower Upper

188 100

94 5.5 4.7 7.1

80 7.1 5.8 8.8



#65

4,6-Dinitro-2-methylphenol

Concen: 44.333 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

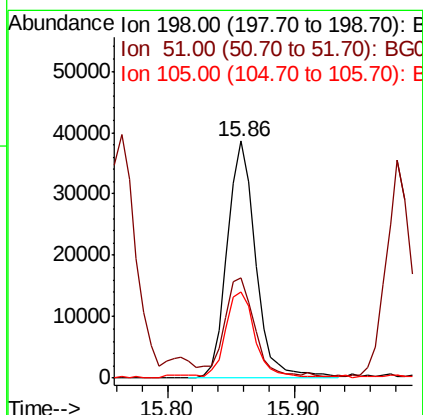
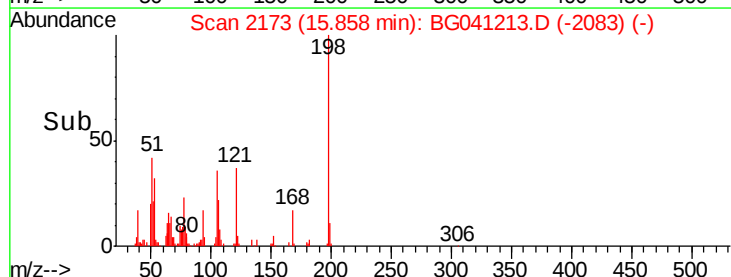
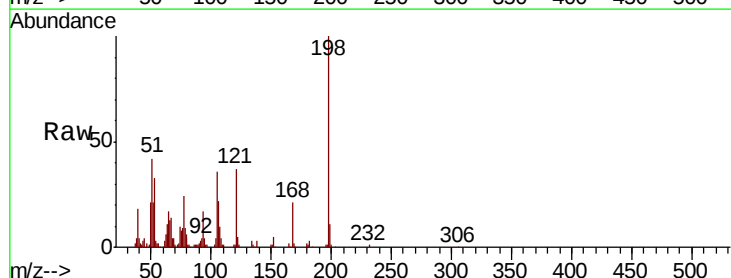
Tgt Ion:198 Resp: 59951

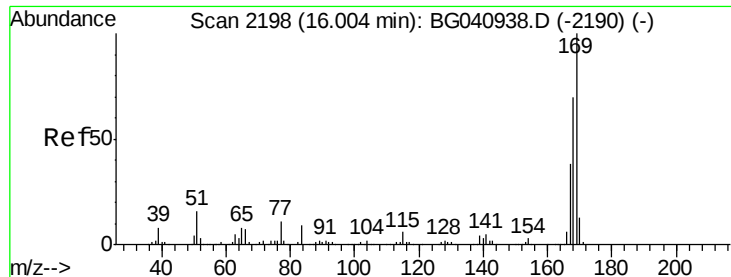
Ion Ratio Lower Upper

198 100

51 42.2 21.6 61.6

105 36.4 17.5 57.5

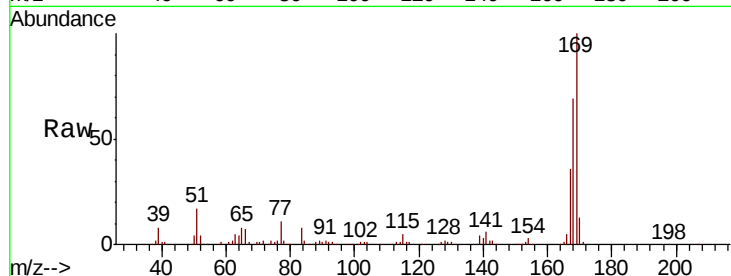




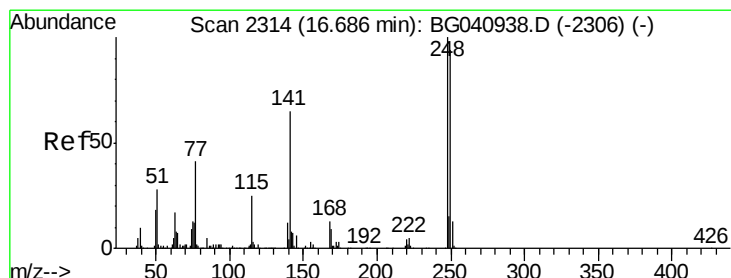
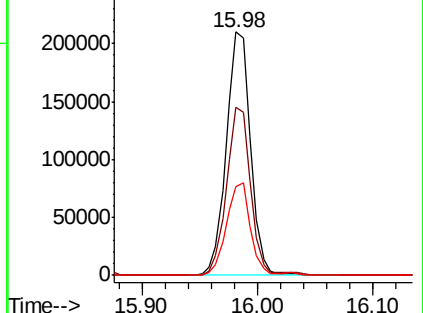
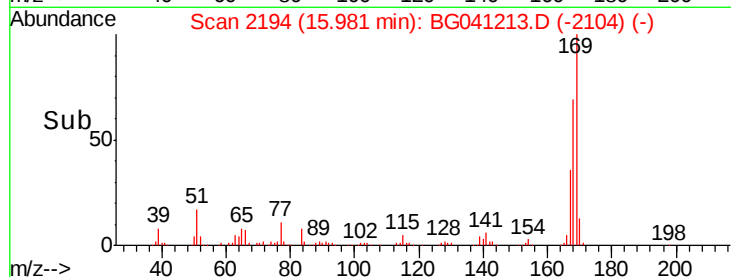
#66
 n-Nitrosodiphenylamine
 Concen: 42.184 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampled :
 PB120532BS

Tgt Ion:169 Resp: 304753
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.7 83.5
 167 36.5 30.2 45.2

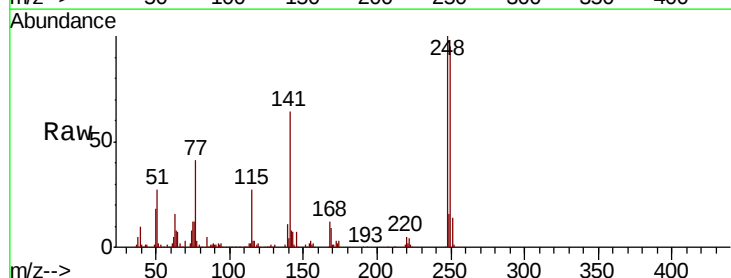


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

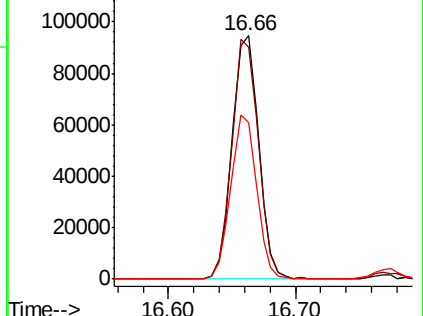
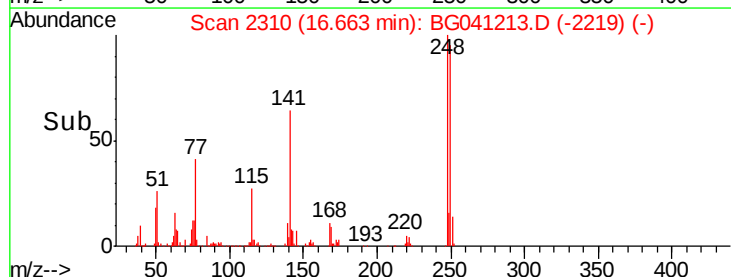


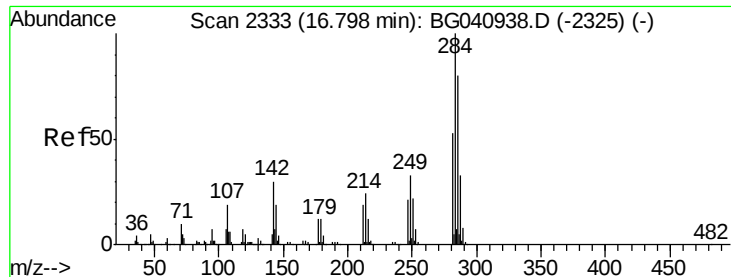
#67
 4-Bromophenyl-phenylether
 Concen: 39.520 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion:248 Resp: 137064
 Ion Ratio Lower Upper
 248 100
 250 95.3 75.0 112.4
 141 64.2 52.4 78.6



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





#68

Hexachlorobenzene

Concen: 39.095 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

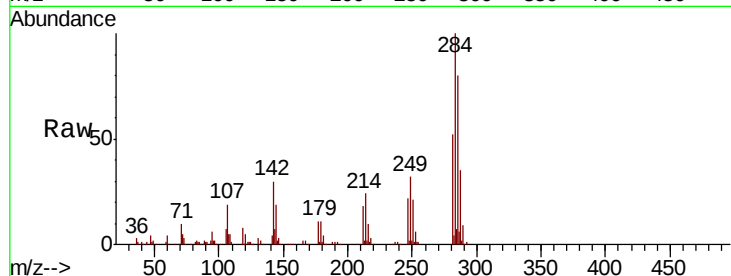
Tgt Ion:284 Resp: 144382

Ion Ratio Lower Upper

284 100

142 29.9 23.9 35.9

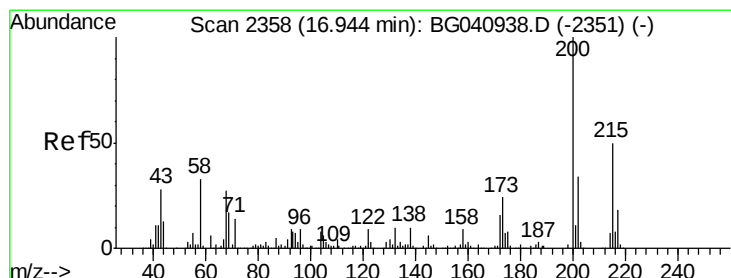
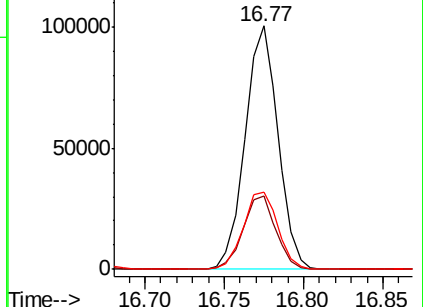
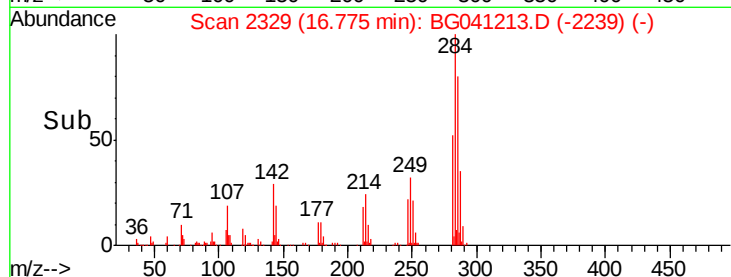
249 31.9 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 40.516 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

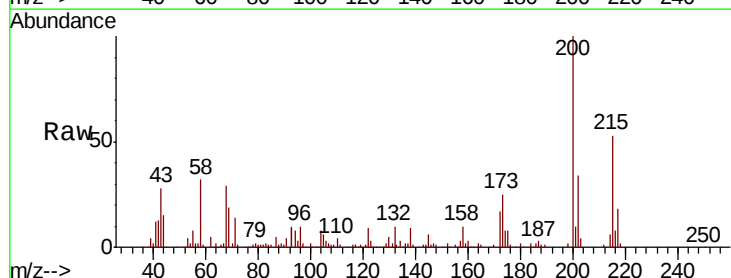
Tgt Ion:200 Resp: 112942

Ion Ratio Lower Upper

200 100

173 24.7 3.6 43.6

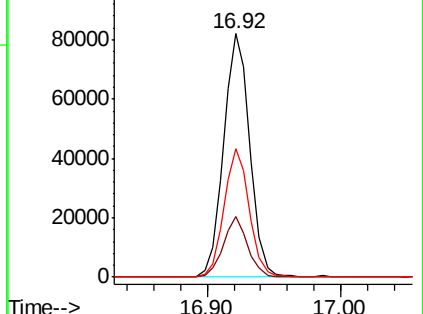
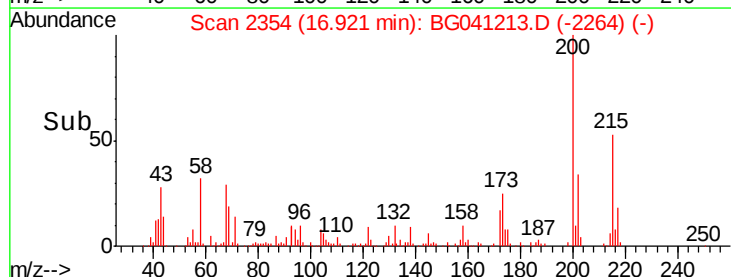
215 52.6 29.6 69.6

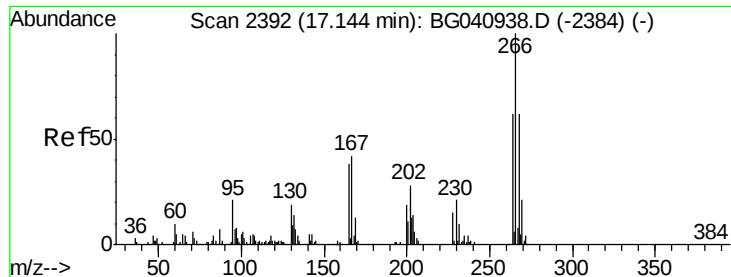


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 82.046 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

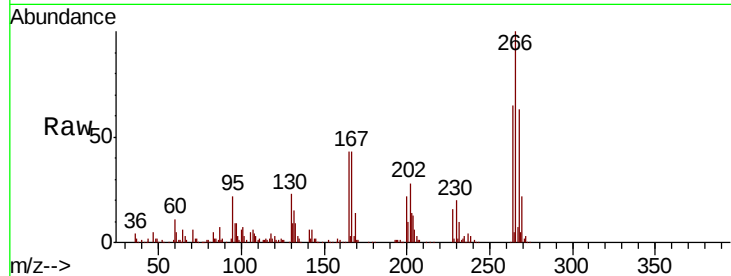
Tgt Ion:266 Resp: 162547

Ion Ratio Lower Upper

266 100

268 63.2 53.1 79.7

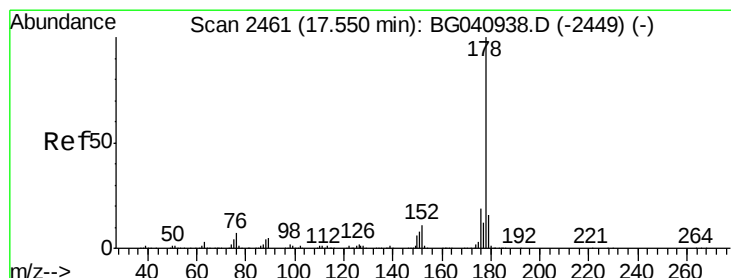
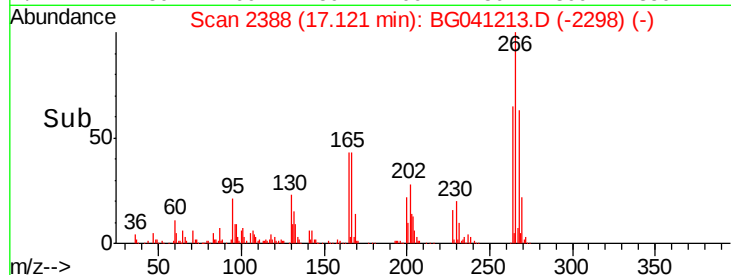
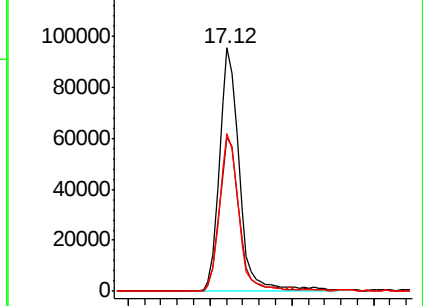
264 64.9 49.9 74.9



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: 42.454 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

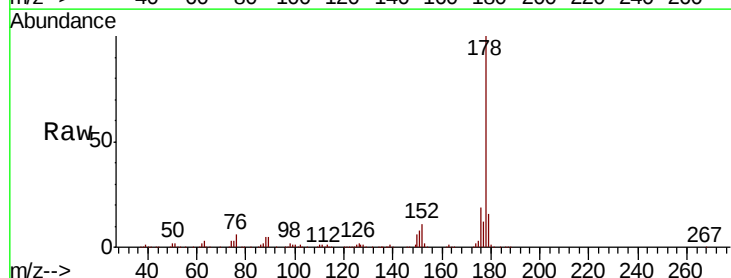
Tgt Ion:178 Resp: 568303

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

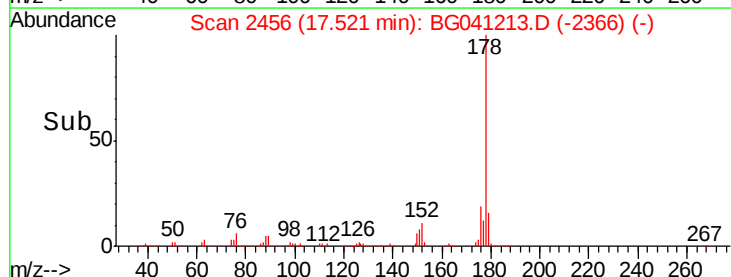
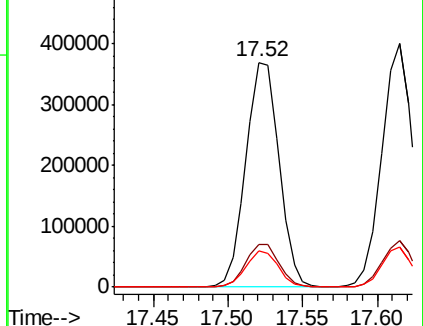
179 16.2 12.7 19.1

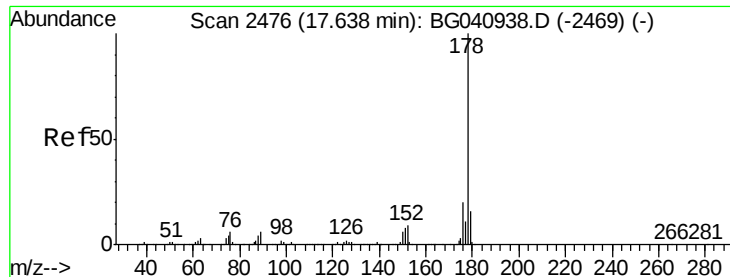


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 43.959 ng

RT: 17.61 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

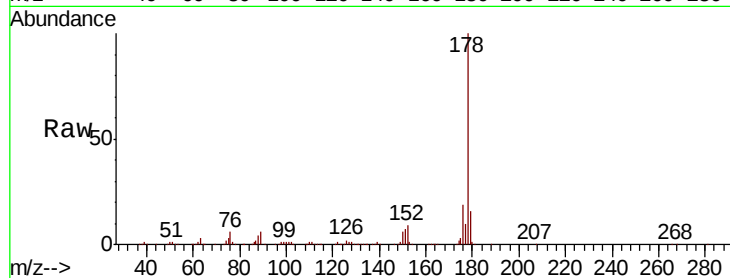
Tgt Ion:178 Resp: 580372

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

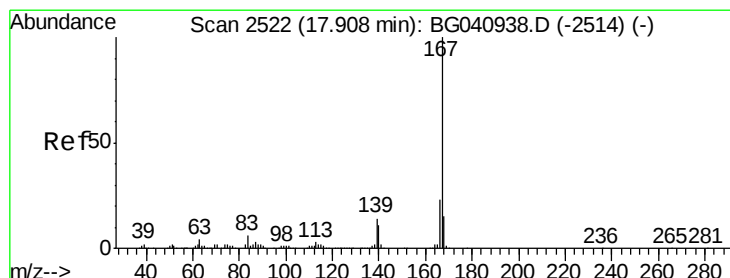
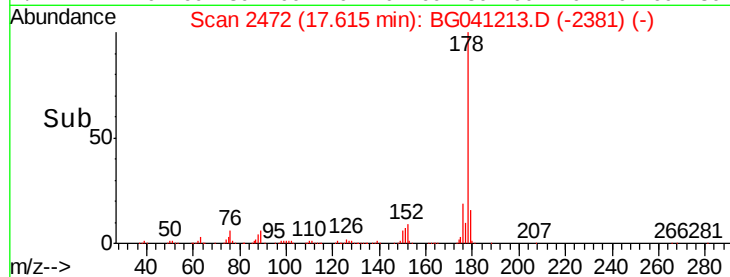
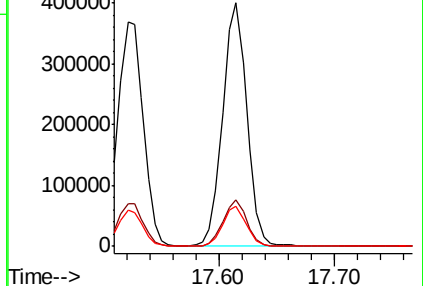
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 43.636 ng

RT: 17.89 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

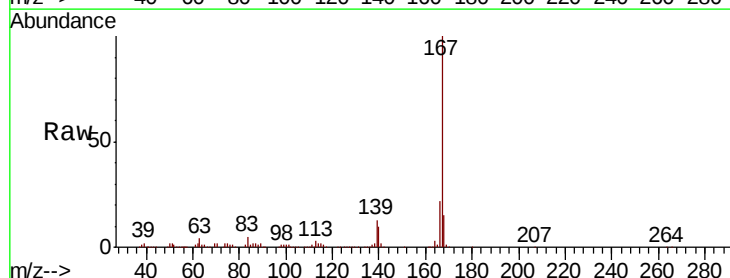
Tgt Ion:167 Resp: 494328

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

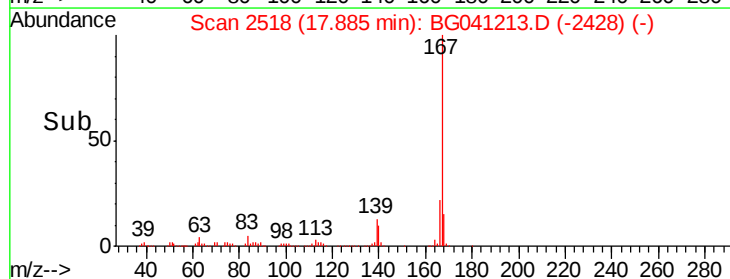
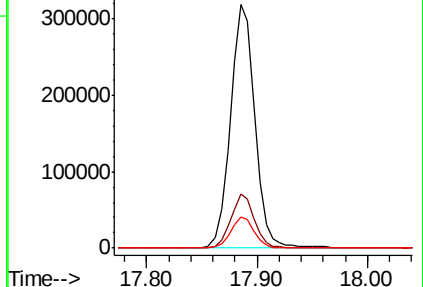
139 12.9 10.8 16.2

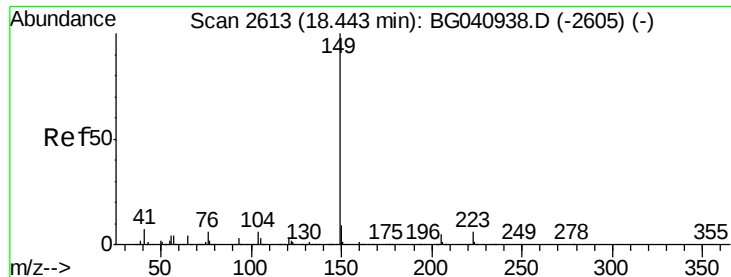


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

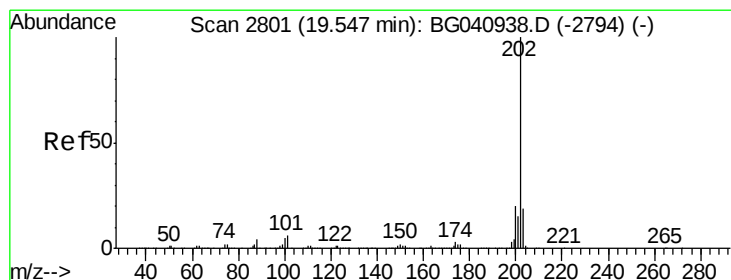
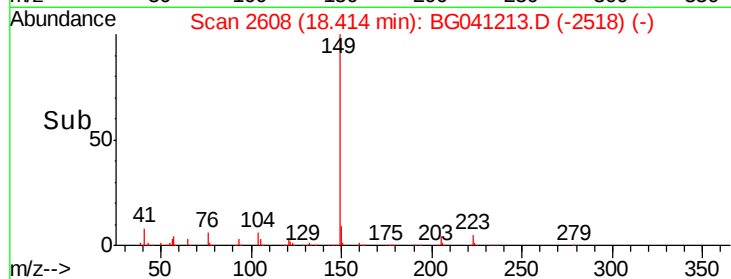
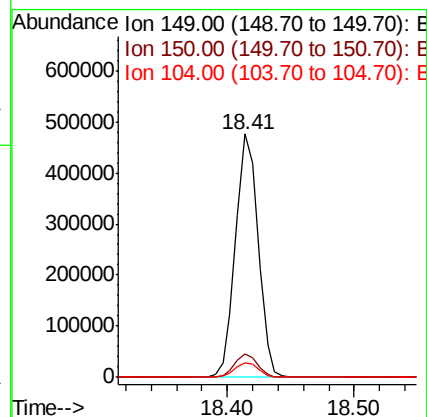
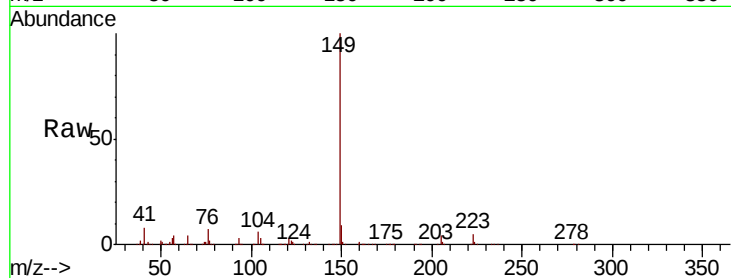




#74
Di-n-butylphthalate
Concen: 41.705 ng
RT: 18.41 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

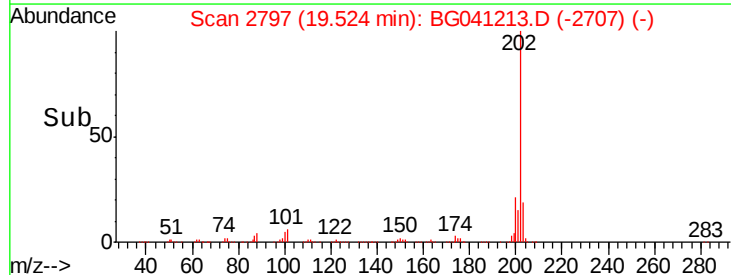
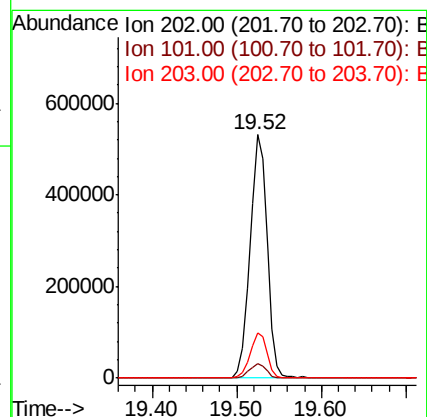
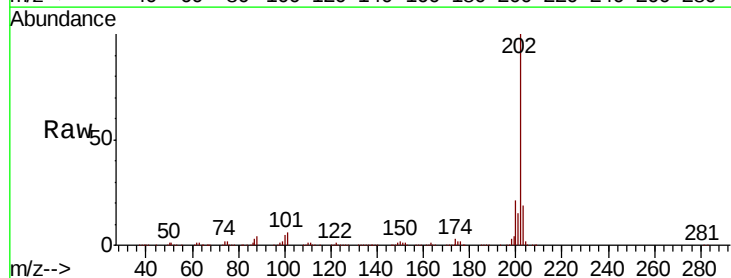
Instrument :
BNA_G
ClientSampleId :
PB120532BS

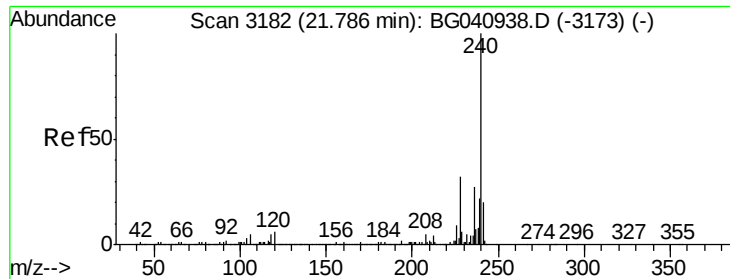
Tgt Ion:149 Resp: 587202
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 6.0 5.0 7.4



#75
Fluoranthene
Concen: 44.983 ng
RT: 19.52 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion:202 Resp: 743776
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.2
203 18.6 0.0 38.7

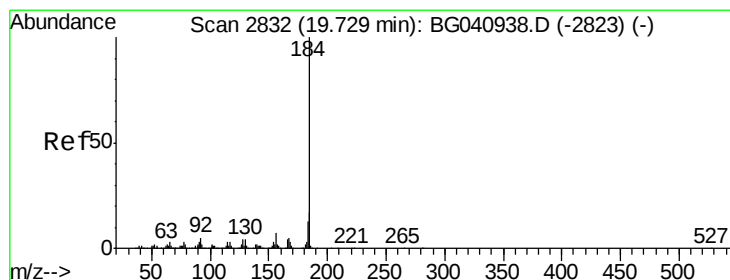
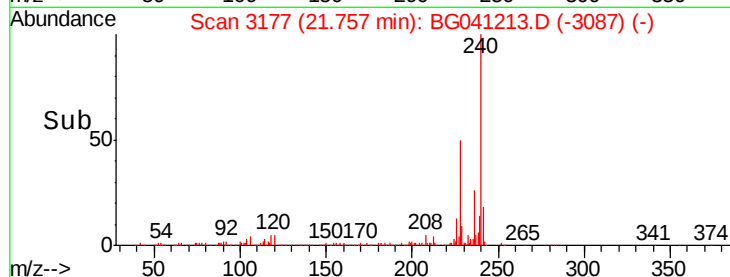
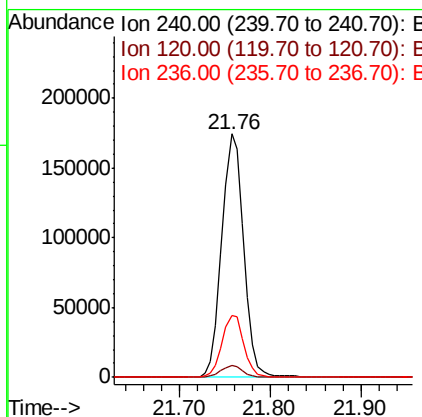
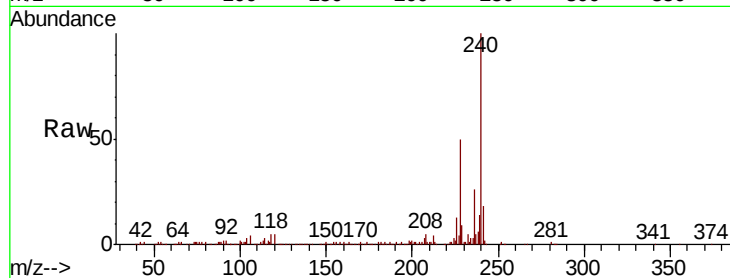




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

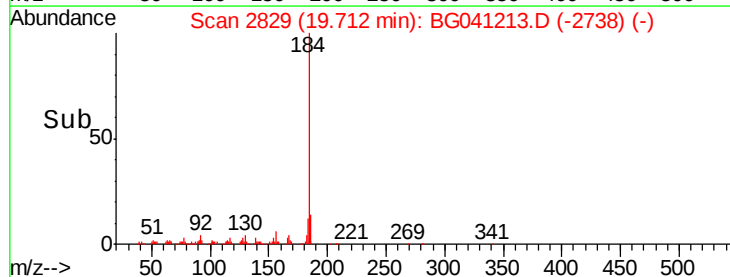
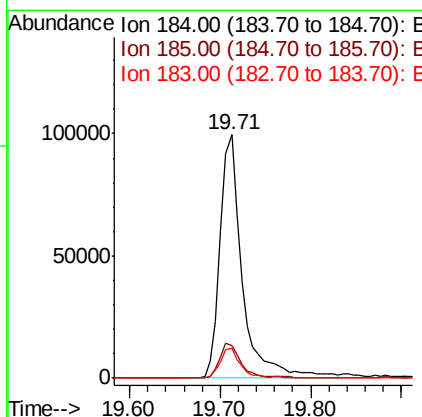
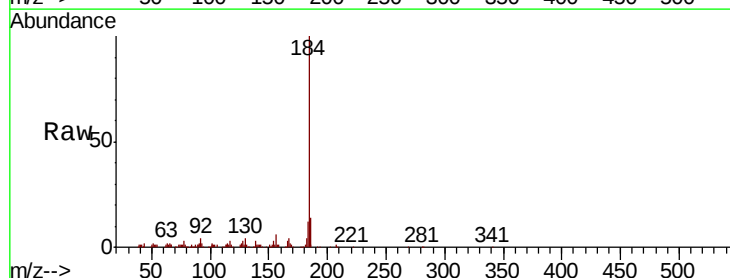
Instrument :
BNA_G
ClientSampleId :
PB120532BS

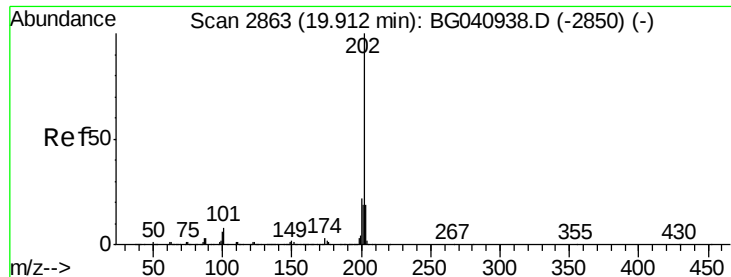
Tgt Ion:240 Resp: 292724
Ion Ratio Lower Upper
240 100
120 5.0 4.5 6.7
236 25.6 21.3 31.9



#77
Benzidine
Concen: 24.238 ng
RT: 19.71 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion:184 Resp: 169255
Ion Ratio Lower Upper
184 100
185 13.6 13.3 19.9
183 12.0 10.7 16.1





#78

Pyrene

Concen: 39.042 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

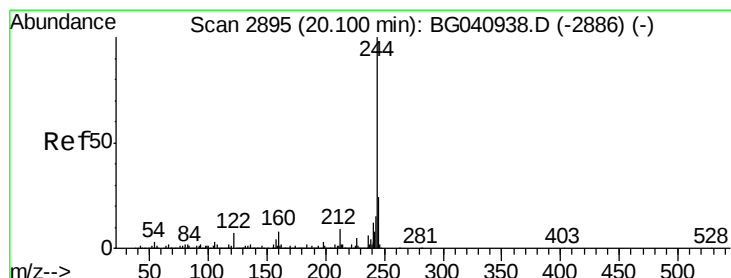
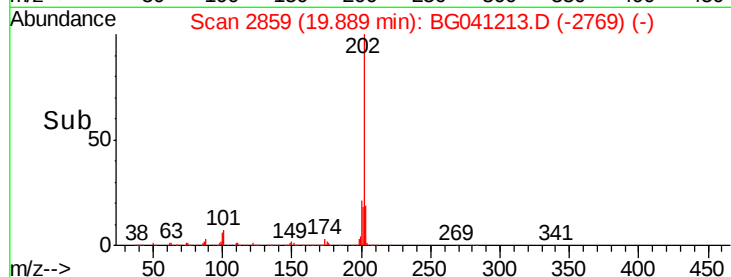
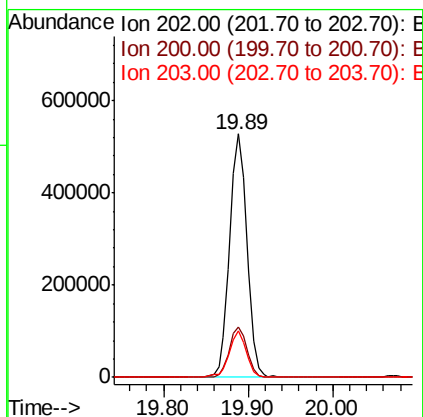
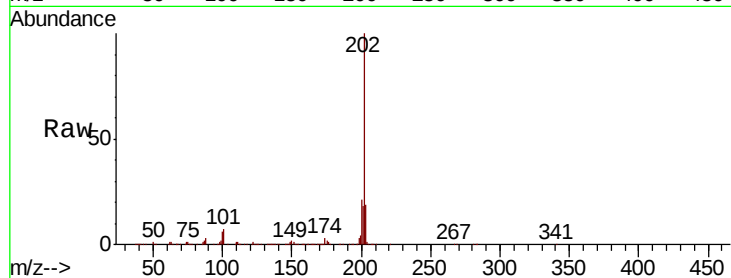
Instrument :

BNA_G

ClientSampleId :

PB120532BS

Tgt Ion:	202	Resp:	742936
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.5	26.3
203	19.3	15.6	23.4



#79

Terphenyl-d14

Concen: 73.112 ng

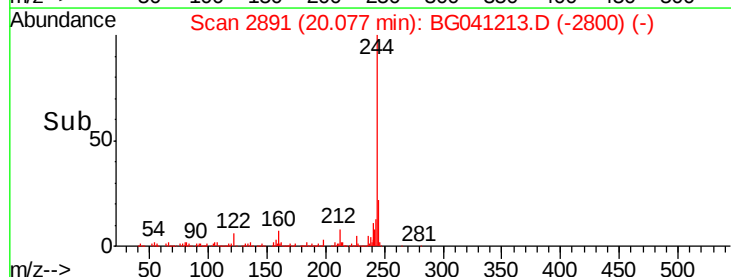
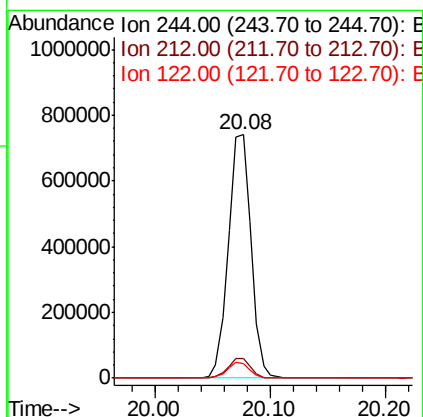
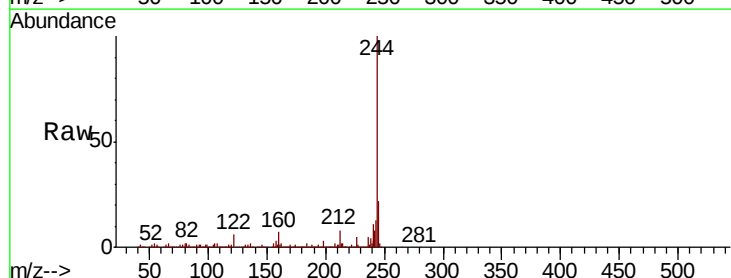
RT: 20.08 min Scan# 2891

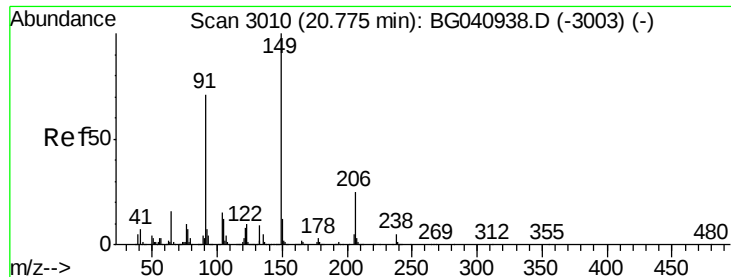
Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	244	Resp:	1008395
Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	6.2	5.4	8.0





#80

Butylbenzylphthalate

Concen: 37.016 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

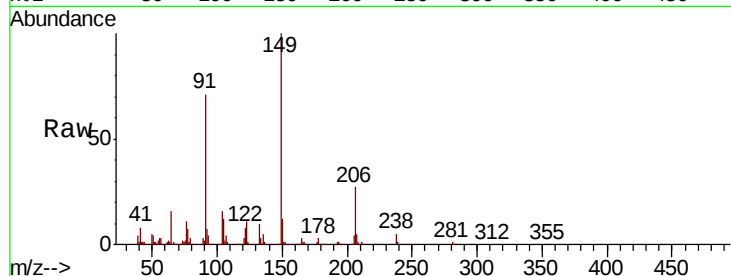
Tgt Ion:149 Resp: 274114

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

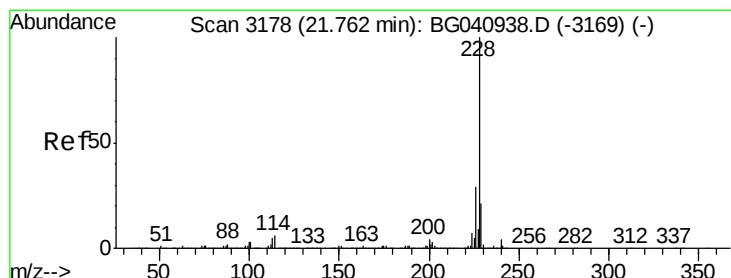
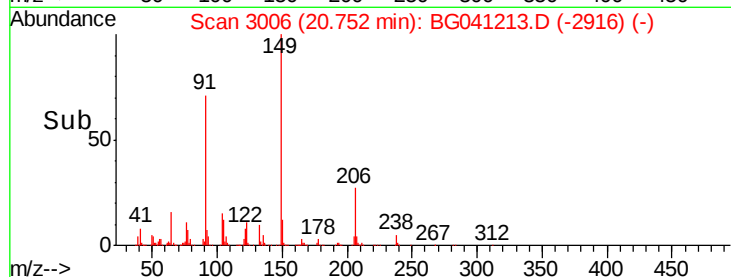
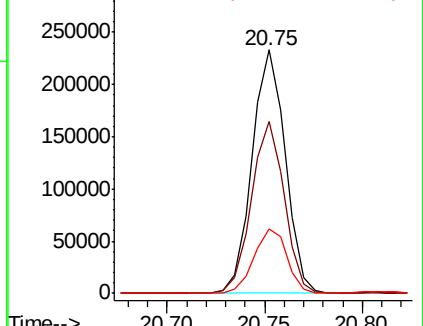
206 26.6 20.3 30.5



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: 36.585 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

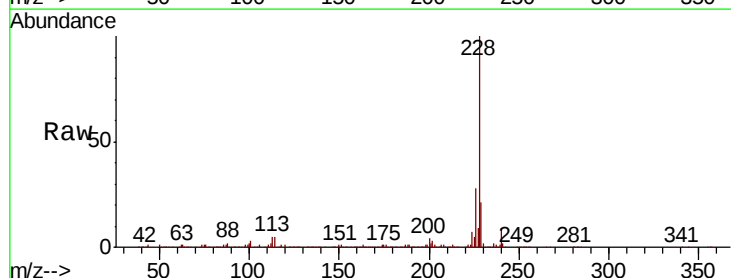
Tgt Ion:228 Resp: 712878

Ion Ratio Lower Upper

228 100

226 27.6 23.5 35.3

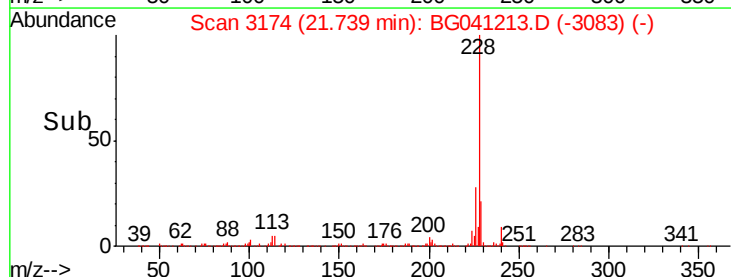
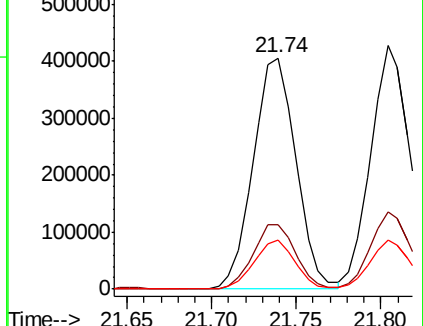
229 21.2 16.7 25.1

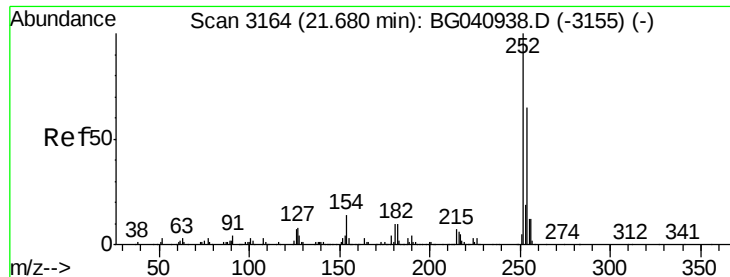


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

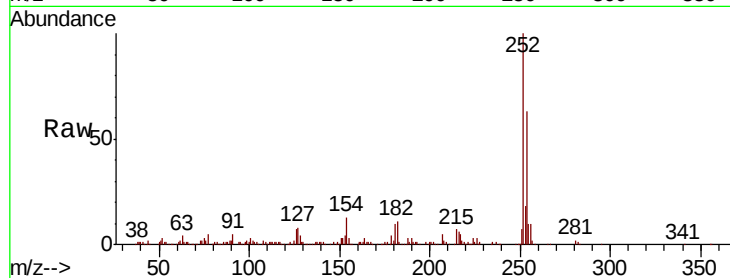




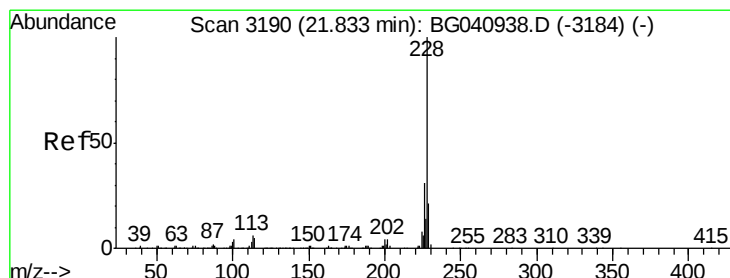
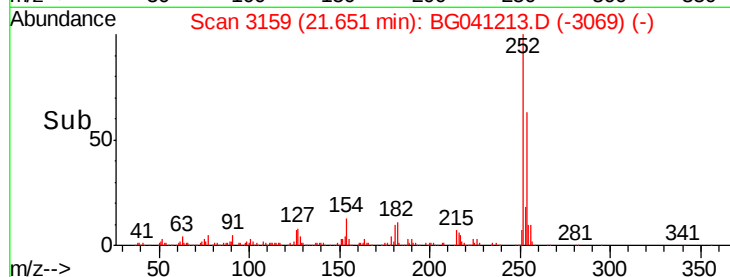
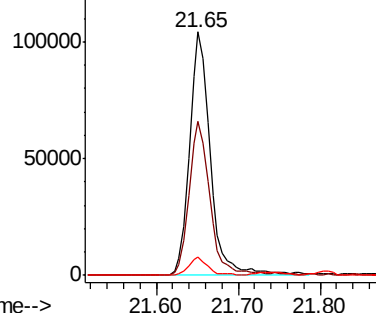
#82
 3,3'-Dichlorobenzidine
 Concen: 27.084 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tgt Ion: 252 Resp: 185621
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.1 78.1
 126 7.5 5.5 8.3

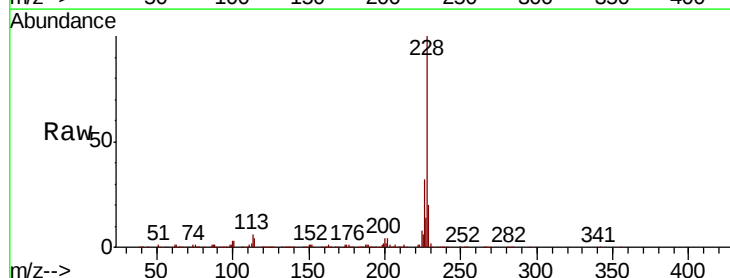


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

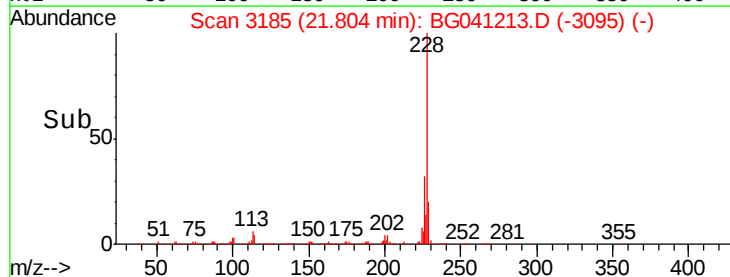
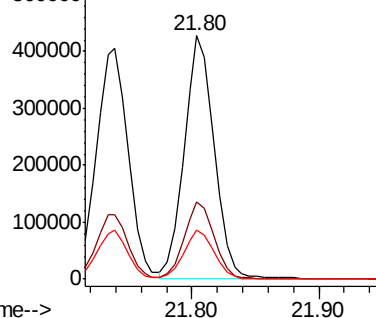


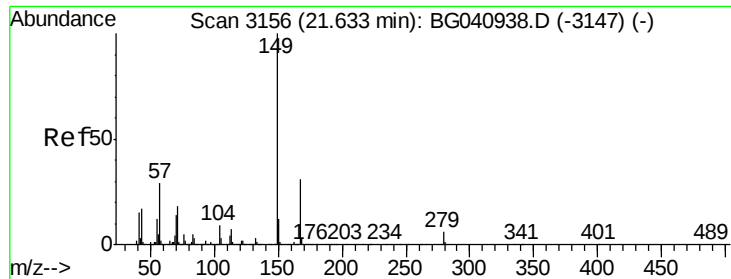
#83
 Chrysene
 Concen: 37.382 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion: 228 Resp: 697049
 Ion Ratio Lower Upper
 228 100
 226 31.6 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: 36.370 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

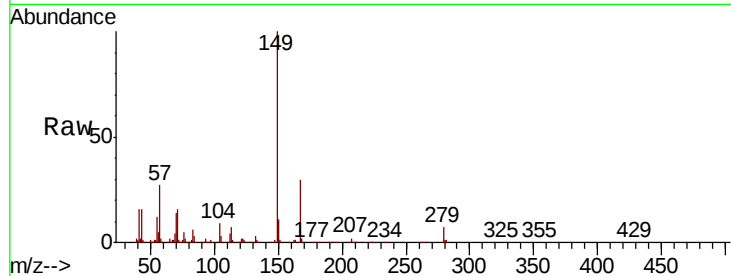
Tgt Ion:149 Resp: 379138

Ion Ratio Lower Upper

149 100

167 29.9 24.6 37.0

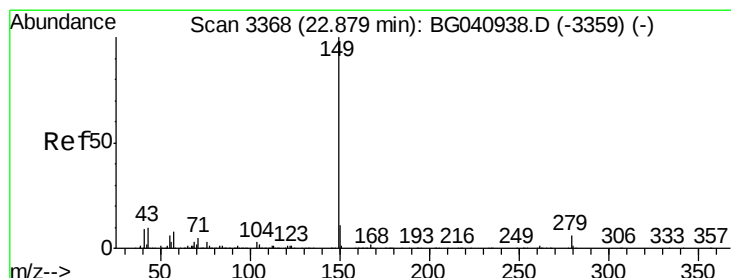
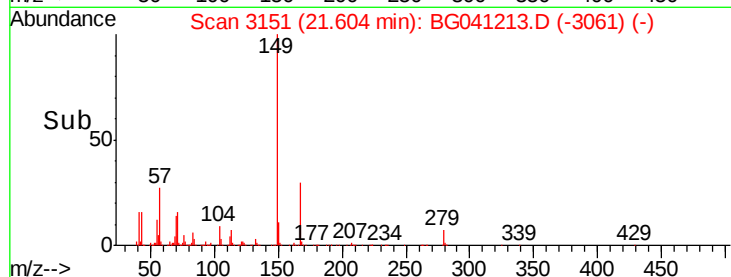
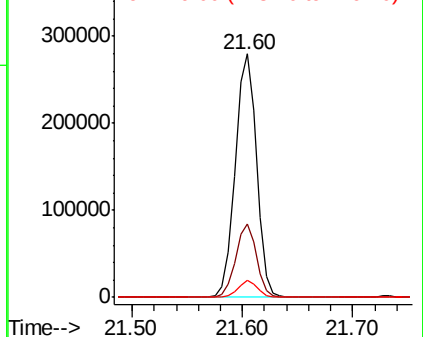
279 7.2 5.0 7.6



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: 37.304 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

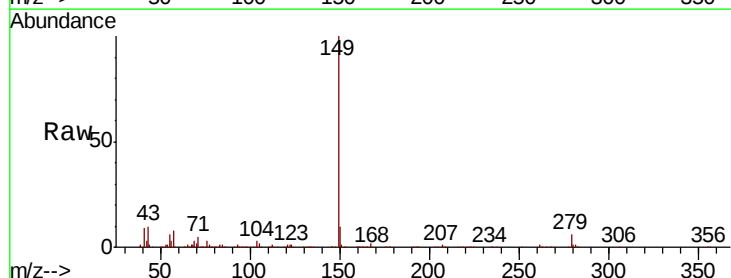
Tgt Ion:149 Resp: 647659

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

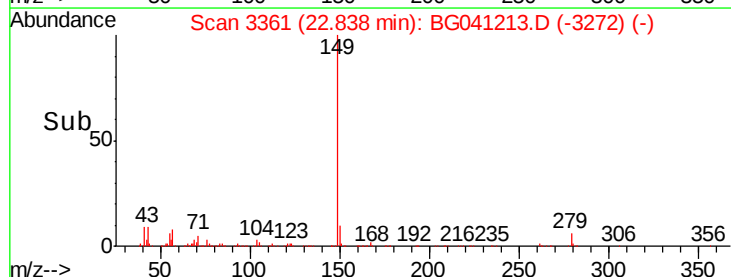
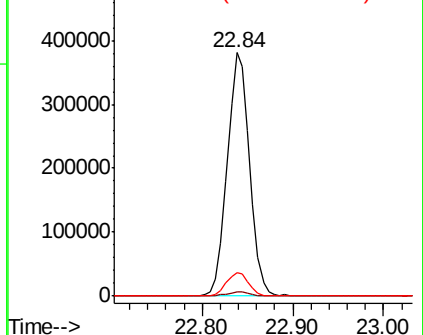
43 9.7 8.1 12.1

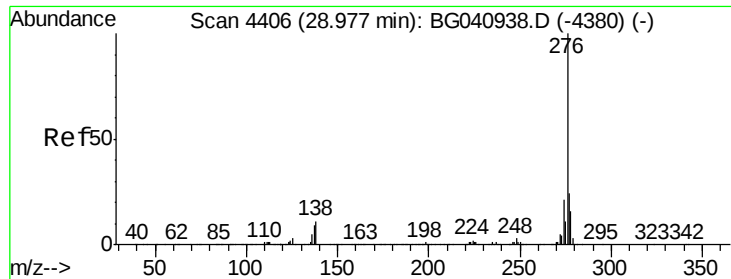


Abundance Ion 149.00 (148.70 to 149.70): E

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: 27.498 ng

RT: 28.91 min Scan# 4394

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

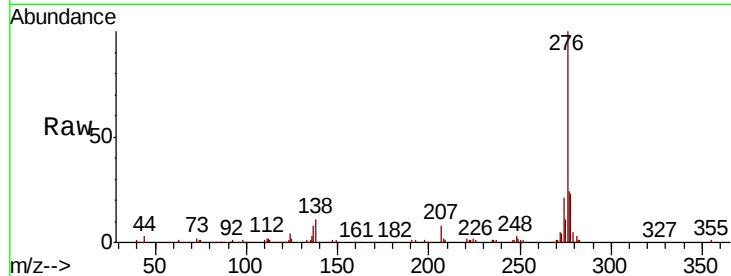
Tgt Ion:276 Resp: 628105

Ion Ratio Lower Upper

276 100

138 4.7 5.7 8.5#

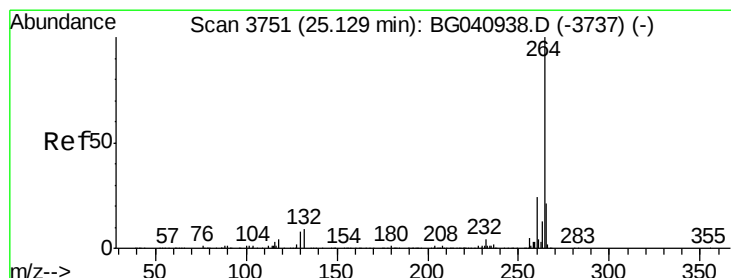
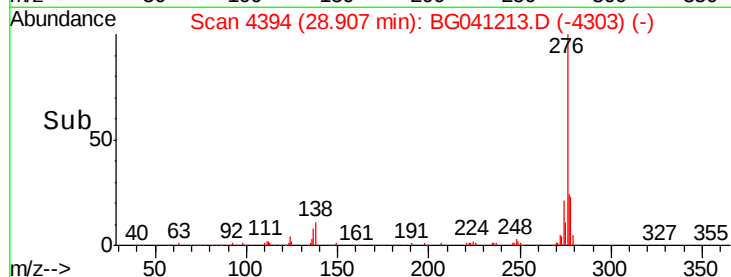
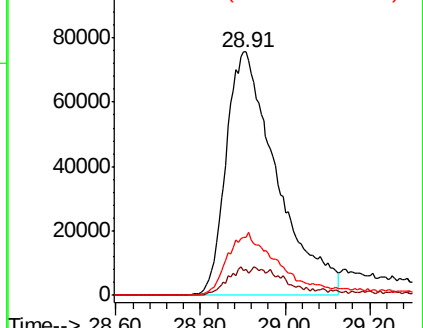
277 25.8 20.8 31.2



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

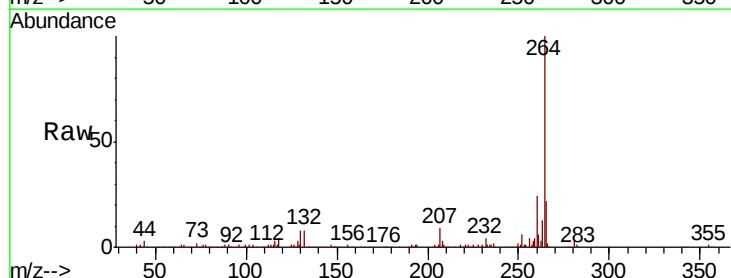
Tgt Ion:264 Resp: 263960

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

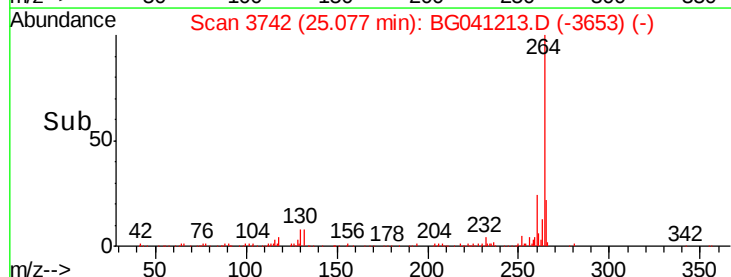
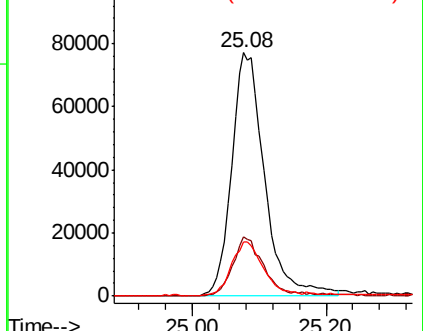
265 22.0 17.0 25.4

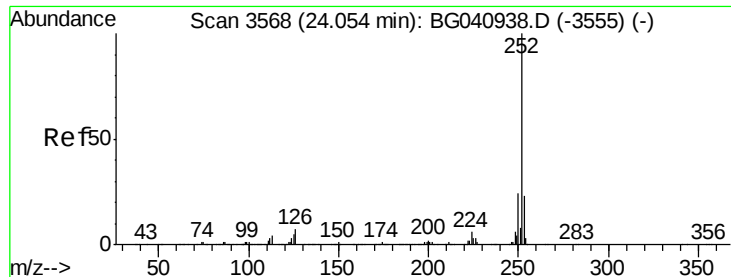


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 42.386 ng

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

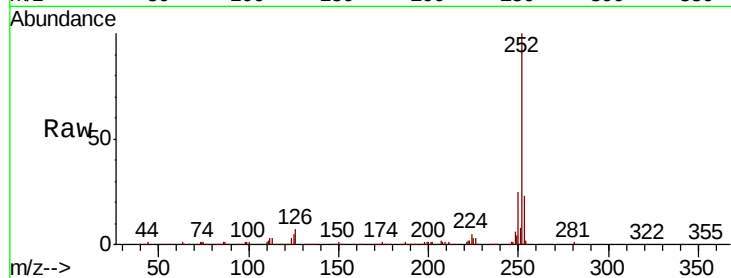
Tgt Ion:252 Resp: 678607

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

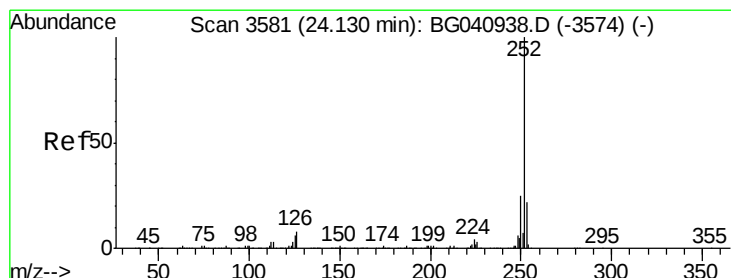
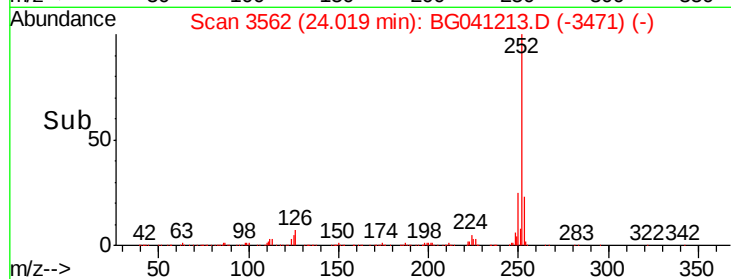
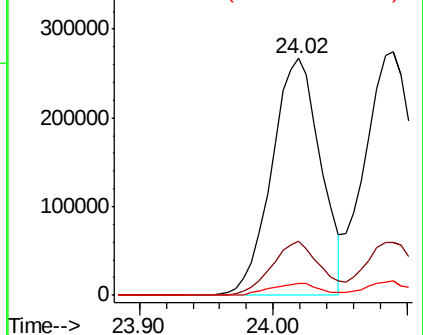
125 4.9 4.3 6.5



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: 44.870 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

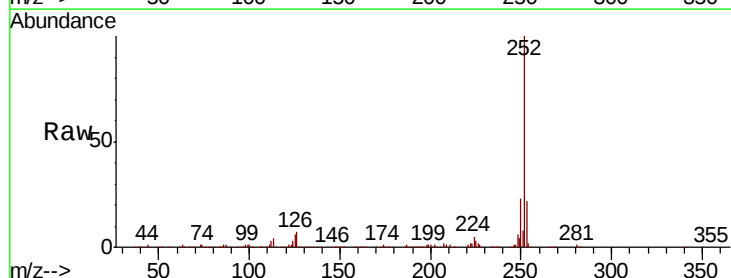
Tgt Ion:252 Resp: 710874

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

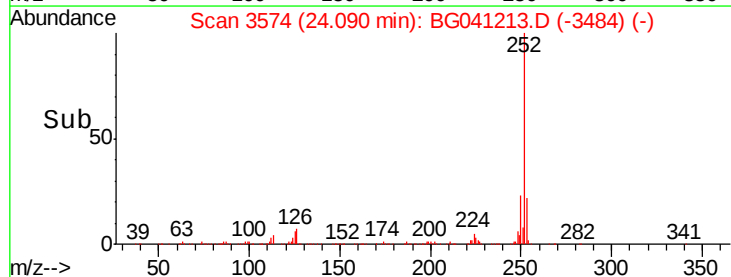
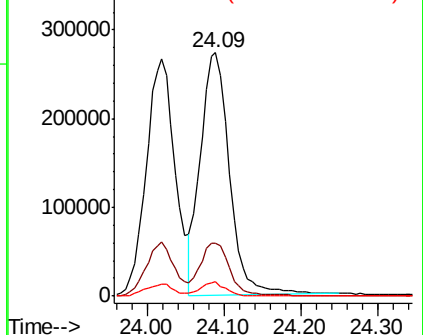
125 5.7 4.7 7.1

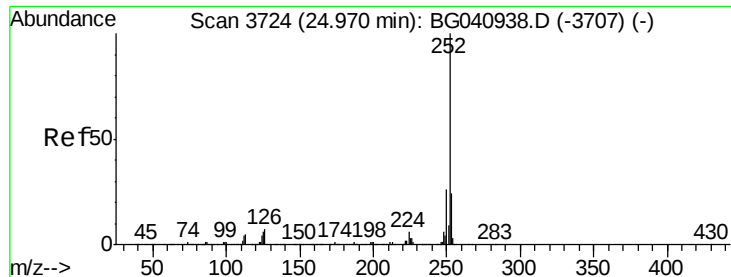


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 43.407 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

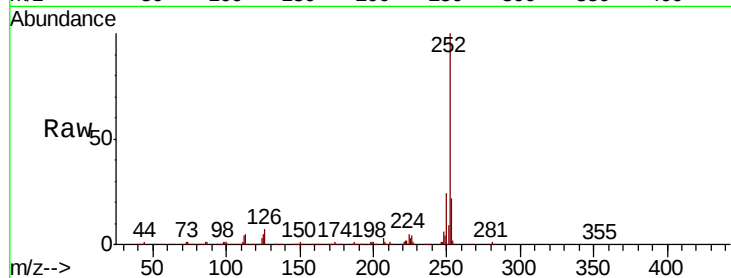
Tgt Ion:252 Resp: 663026

Ion Ratio Lower Upper

252 100

253 21.9 19.5 29.3

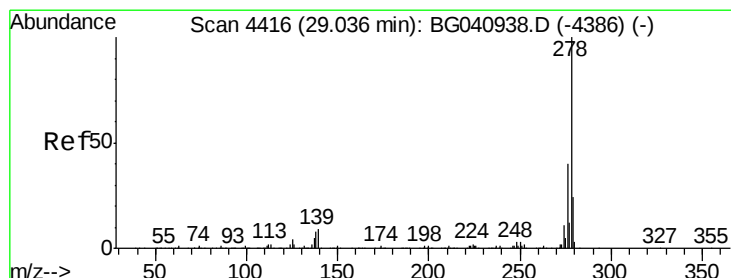
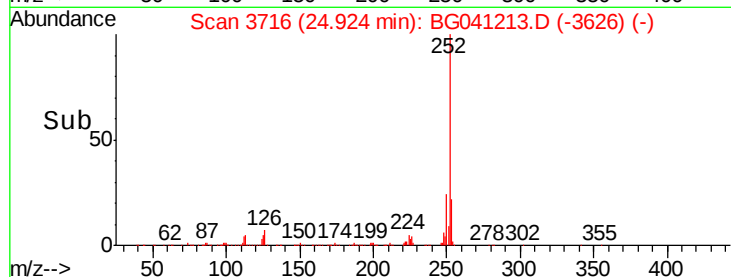
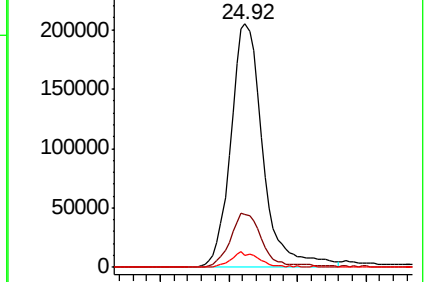
125 4.8 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 33.670 ng

RT: 28.97 min Scan# 4404

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

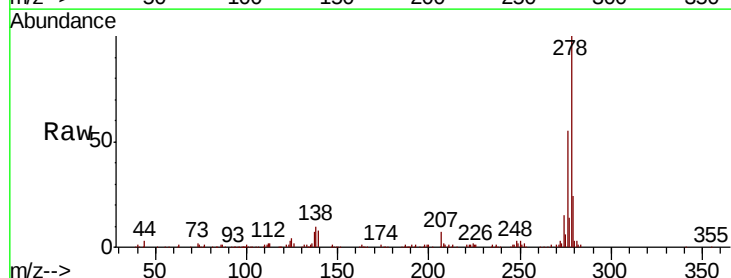
Tgt Ion:278 Resp: 513901

Ion Ratio Lower Upper

278 100

139 7.8 7.1 10.7

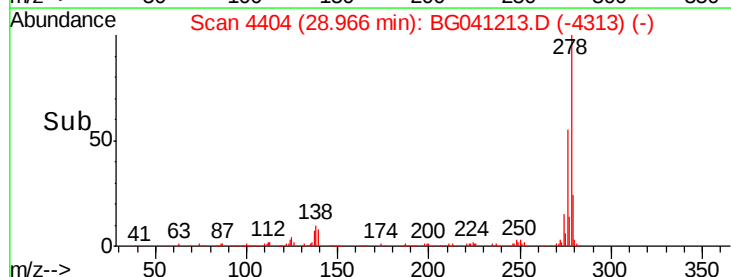
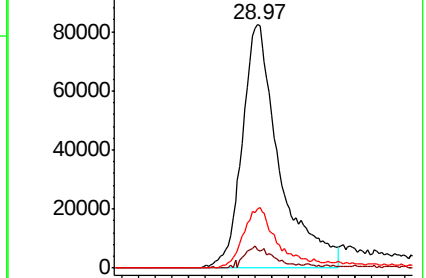
279 24.1 19.4 29.2

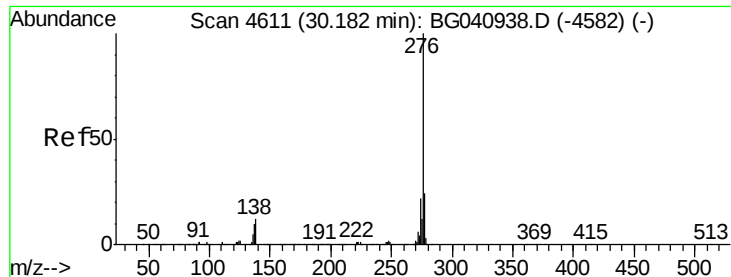


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 30.612 ng

RT: 30.10 min Scan# 4597

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

Tgt Ion:276 Resp: 453918

Ion Ratio Lower Upper

276 100

277 22.2 19.4 29.0

138 12.2 9.7 14.5

