

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041158.D
 Acq On : 10 Jun 2019 10:24
 Operator : HP/JU
 Sample : PB120413BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Quant Time: Jun 11 03:45:08 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	8.11	152	42846	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	172817	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127156	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	320377	20.00	ng	0.00
76) Chrysene-d12	21.76	240	323247	20.00	ng	0.00
87) Perylene-d12	25.09	264	345560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	361500	152.14	ng	0.00
7) Phenol-d6	7.26	99	532179	145.02	ng	0.00
23) Nitrobenzene-d5	9.29	82	364294	93.58	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	283769	150.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	863458	97.79	ng	0.00
79) Terphenyl-d14	20.08	244	1458175	95.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	35985	33.374	ng	# 82
3) Pyridine	3.91	79	104316	32.696	ng	95
4) n-Nitrosodimethylamine	3.83	42	60786	41.052	ng	# 85
6) Aniline	7.43	93	85786	17.514	ng	100
8) 2-Chlorophenol	7.67	128	132628	46.820	ng	94
9) Benzaldehyde	7.24	77	44793	20.462	ng	94
10) Phenol	7.29	94	176308	44.810	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	113075	39.615	ng	99
12) 1,3-Dichlorobenzene	7.99	146	133567	39.478	ng	96
13) 1,4-Dichlorobenzene	8.14	146	135265	39.497	ng	98
14) 1,2-Dichlorobenzene	8.46	146	132822	39.944	ng	99
15) Benzyl Alcohol	8.34	79	144967	42.706	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	179790	38.547	ng	99
17) 2-Methylphenol	8.54	107	124699	43.772	ng	99
18) Hexachloroethane	9.19	117	52090	39.464	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	112172	39.721	ng	97
20) 3+4-Methylphenols	8.87	107	169454	42.942	ng	98
22) Acetophenone	8.94	105	215748	44.504	ng	97
24) Nitrobenzene	9.33	77	177029	44.624	ng	99
25) Isophorone	9.84	82	322174	43.488	ng	98
26) 2-Nitrophenol	10.04	139	80145	49.005	ng	94
27) 2,4-Dimethylphenol	10.08	122	139057	51.483	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	173143	43.302	ng	97
29) 2,4-Dichlorophenol	10.57	162	159292	46.441	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	169175	43.357	ng	97
31) Naphthalene	10.98	128	414025	44.621	ng	100
32) Benzoic acid	10.23	122	80556	39.989	ng	98
33) 4-Chloroaniline	11.09	127	44866	10.421	ng	97
34) Hexachlorobutadiene	11.24	225	123372	41.323	ng	98
35) Caprolactam	11.89	113	33842	29.878	ng	97
36) 4-Chloro-3-methylphenol	12.20	107	177438	45.296	ng	97
37) 2-Methylnaphthalene	12.57	142	324145	45.359	ng	99
38) 1-Methylnaphthalene	12.57	142	324145	48.134	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	233986	45.655	ng	# 98

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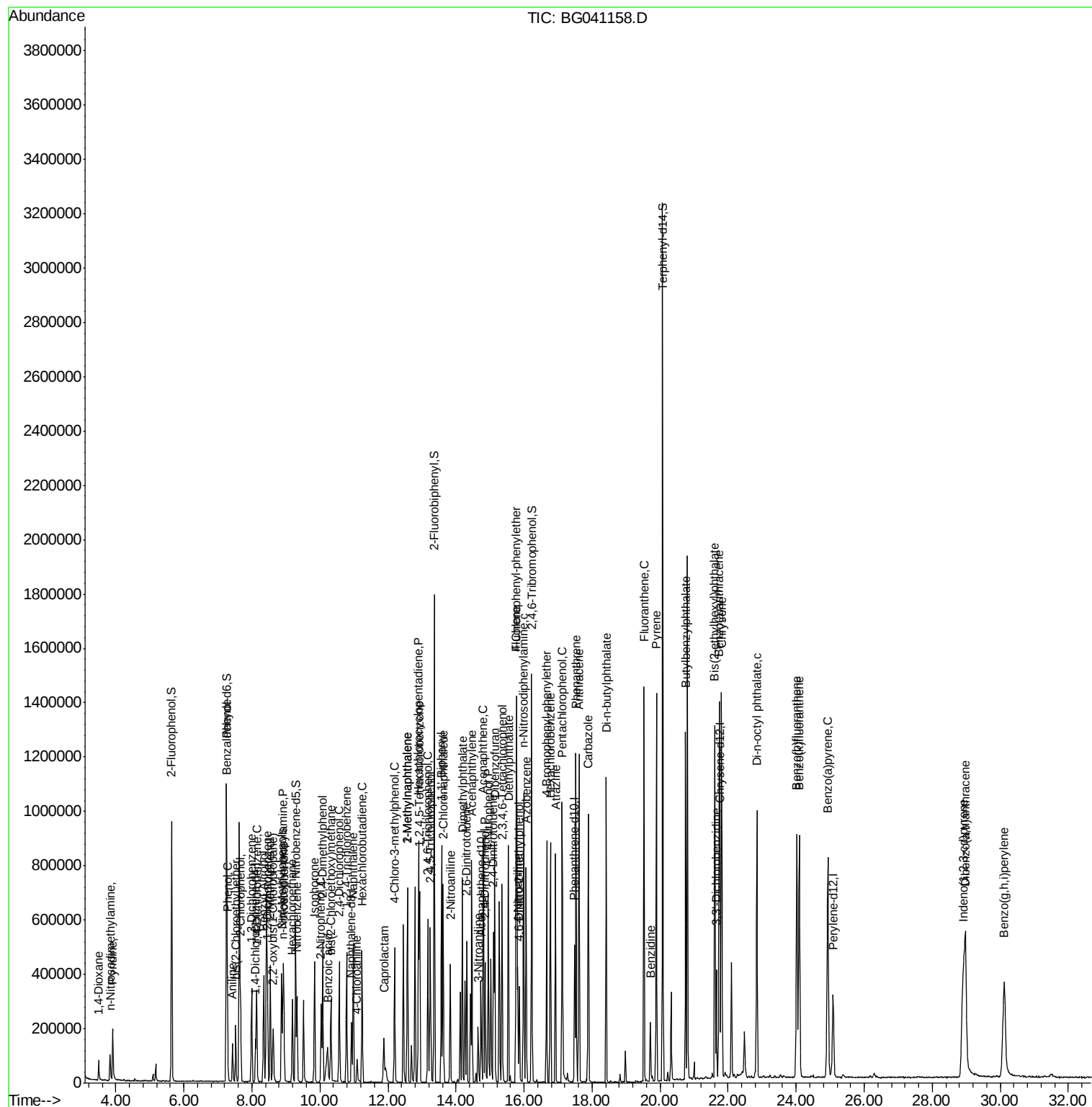
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	279076	99.107	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	154599	46.630	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	160737	45.969	ng	98
46) 1,1'-Biphenyl	13.57	154	437800	46.513	ng	97
47) 2-Chloronaphthalene	13.62	162	364796	45.146	ng	99
48) 2-Nitroaniline	13.83	65	128369	44.283	ng	99
49) Acenaphthylene	14.47	152	560783	46.112	ng	99
50) Dimethylphthalate	14.18	163	473252	43.967	ng	99
51) 2,6-Dinitrotoluene	14.32	165	105867	45.617	ng	97
52) Acenaphthene	14.81	154	326963	44.380	ng	97
53) 3-Nitroaniline	14.65	138	48667	20.971	ng	95
54) 2,4-Dinitrophenol	14.85	184	107610	86.111	ng	96
55) Dibenzofuran	15.14	168	569819	45.966	ng	100
56) 4-Nitrophenol	14.95	139	158583	99.626	ng	97
57) 2,4-Dinitrotoluene	15.10	165	152237	46.438	ng	# 98
58) Fluorene	15.78	166	442893	44.861	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.35	232	163756	47.655	ng	100
60) Diethylphthalate	15.54	149	477179	43.440	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	287254	44.765	ng	95
62) 4-Nitroaniline	15.82	138	103133	41.978	ng	97
63) Azobenzene	16.06	77	446564	44.728	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	84396	48.952	ng	95
66) n-Nitrosodiphenylamine	15.99	169	408390	45.346	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	183464	42.433	ng	98
68) Hexachlorobenzene	16.77	284	193149	41.953	ng	100
69) Atrazine	16.93	200	171698	49.408	ng	98
70) Pentachlorophenol	17.13	266	217621	87.798	ng	97
71) Phenanthrene	17.53	178	758538	45.454	ng	99
72) Anthracene	17.61	178	775453	47.115	ng	99
73) Carbazole	17.89	167	664440	47.049	ng	99
74) Di-n-butylphthalate	18.42	149	790763	45.052	ng	99
75) Fluoranthene	19.53	202	980420	47.565	ng	100
77) Benzidine	19.71	184	147963	19.188	ng	97
78) Pyrene	19.89	202	983928	46.824	ng	99
80) Butylbenzylphthalate	20.75	149	371364	45.413	ng	98
81) Benzo(a)anthracene	21.74	228	953227	44.300	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	152689	20.175	ng	98
83) Chrysene	21.81	228	939273	45.615	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	522774	45.413	ng	99
85) Di-n-octyl phthalate	22.84	149	888292	46.333	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1105810	43.840	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	964503	46.018	ng	99
89) Benzo(k)fluoranthene	24.09	252	960659	46.317	ng	99
90) Benzo(a)pyrene	24.93	252	947252	47.370	ng	98
91) Dibenzo(a,h)anthracene	28.98	278	910350	45.561	ng	99
92) Benzo(g,h,i)perylene	30.11	276	892614	45.982	ng	97

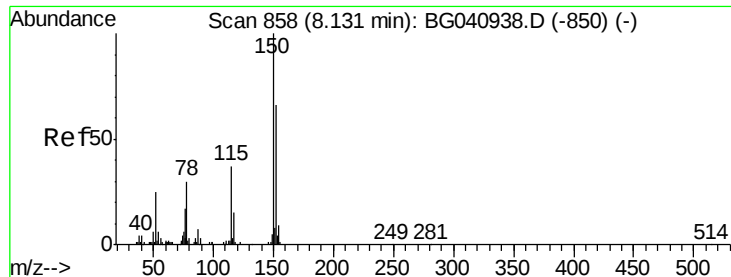
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

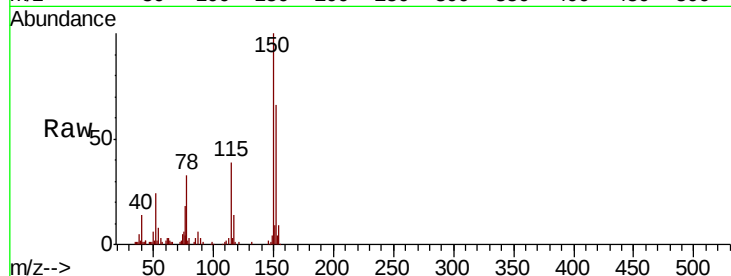
Tgt Ion:152 Resp: 42846

Ion Ratio Lower Upper

152 100

150 150.8 120.6 180.8

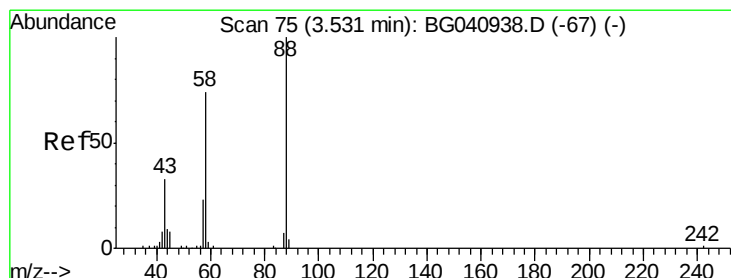
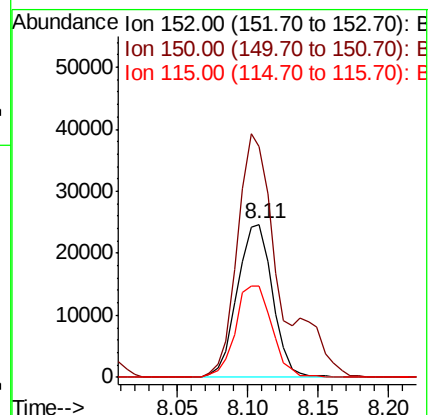
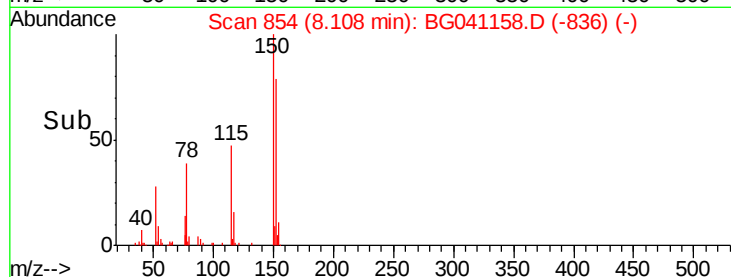
115 59.4 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.374 ng

RT: 3.50 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

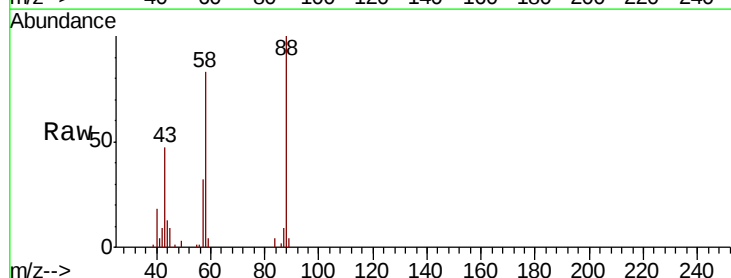
Tgt Ion: 88 Resp: 35985

Ion Ratio Lower Upper

88 100

58 87.4 59.0 88.6

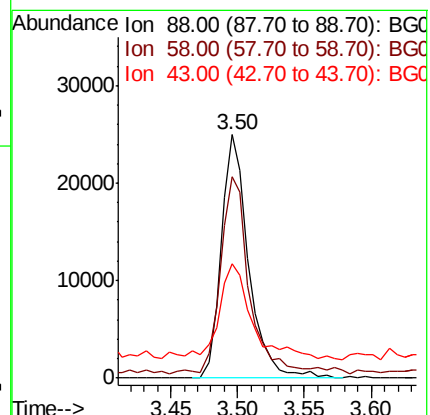
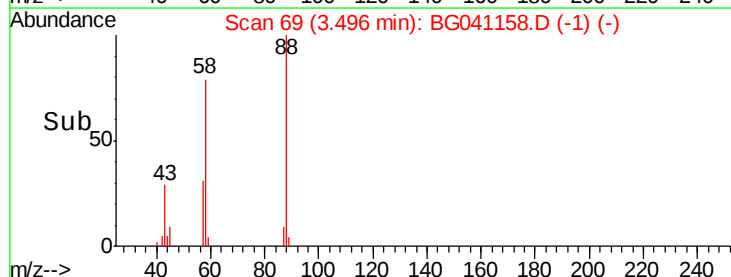
43 47.0 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.696 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

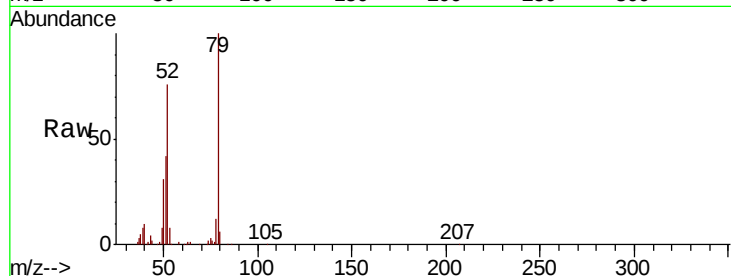
Tgt Ion: 79 Resp: 104316

Ion Ratio Lower Upper

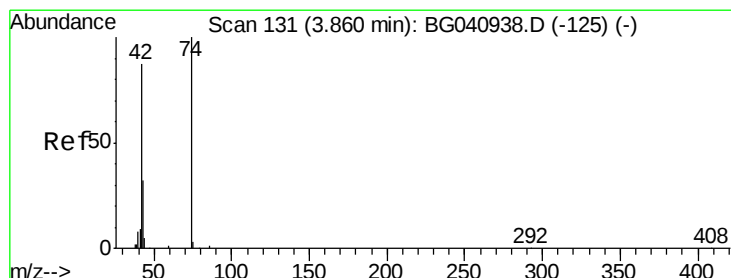
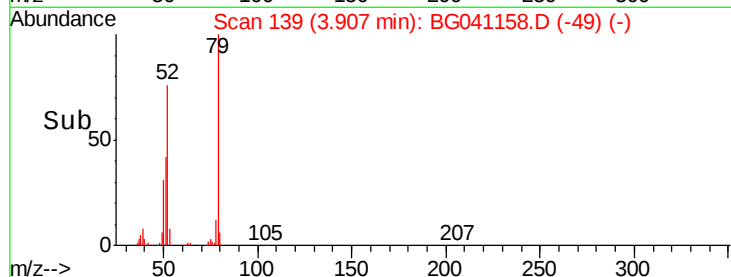
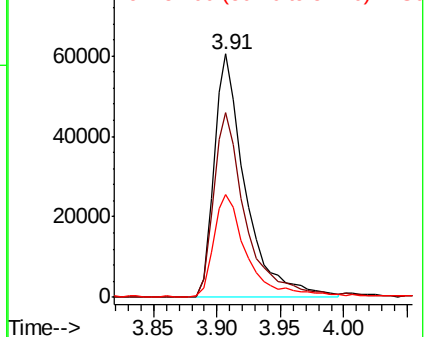
79 100

52 75.9 64.8 97.2

51 42.2 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 41.052 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

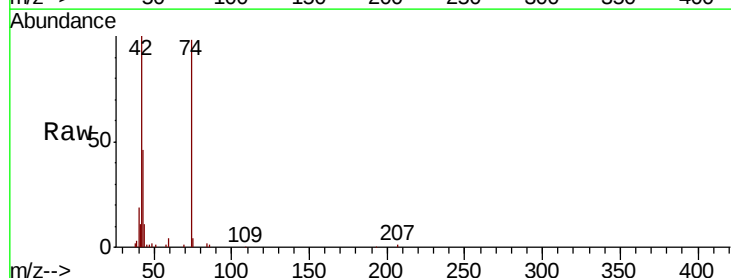
Tgt Ion: 42 Resp: 60786

Ion Ratio Lower Upper

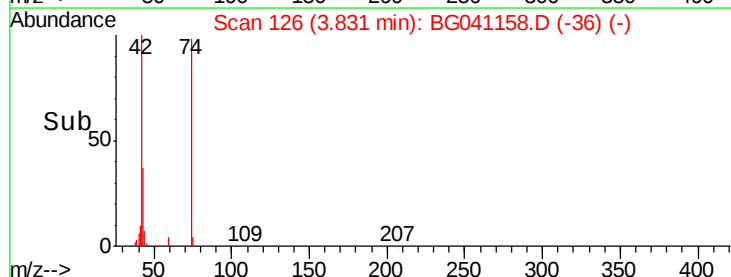
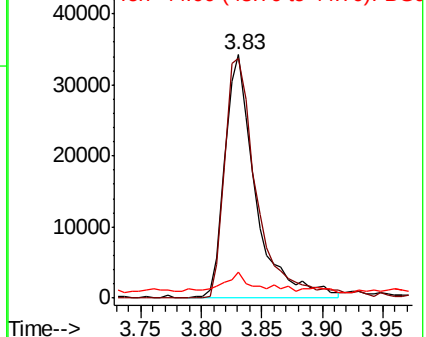
42 100

74 98.3 91.8 137.6

44 10.9 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 152.140 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

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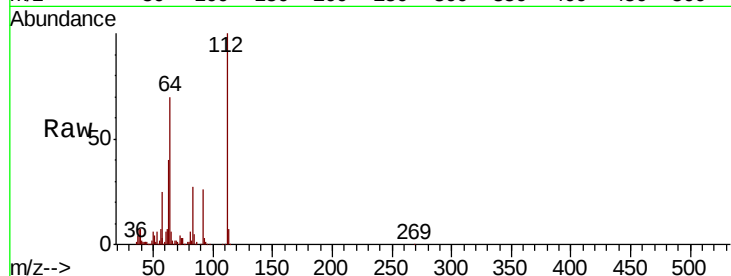
Tgt Ion:112 Resp: 361500

Ion Ratio Lower Upper

112 100

64 70.1 56.2 84.2

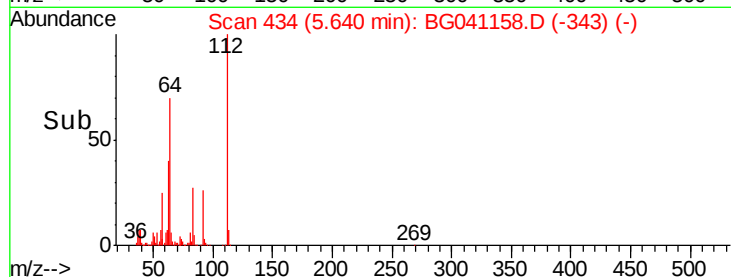
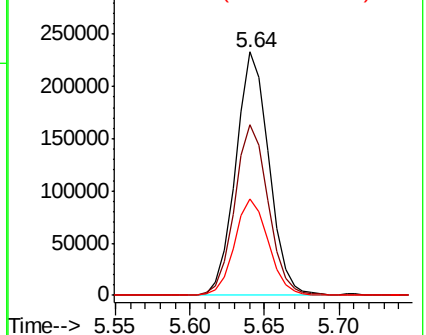
63 39.7 32.8 49.2



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: 17.514 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

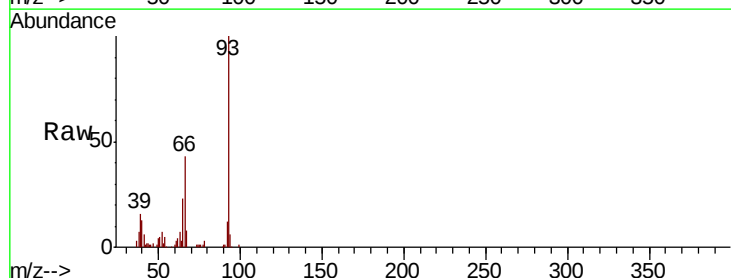
Tgt Ion: 93 Resp: 85786

Ion Ratio Lower Upper

93 100

66 42.7 33.8 50.8

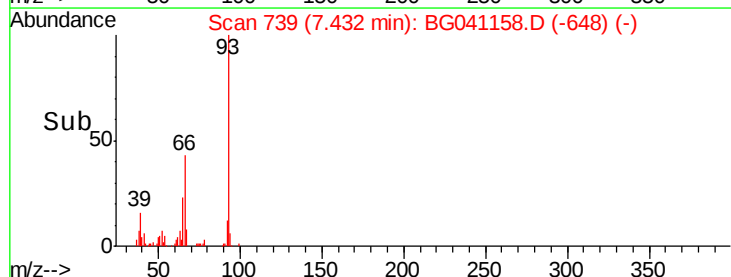
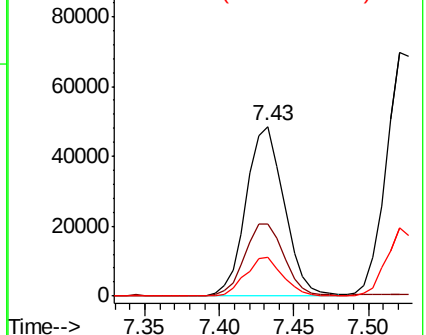
65 22.9 18.3 27.5

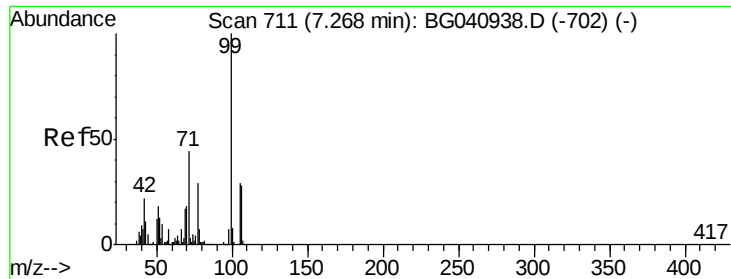


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.023 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

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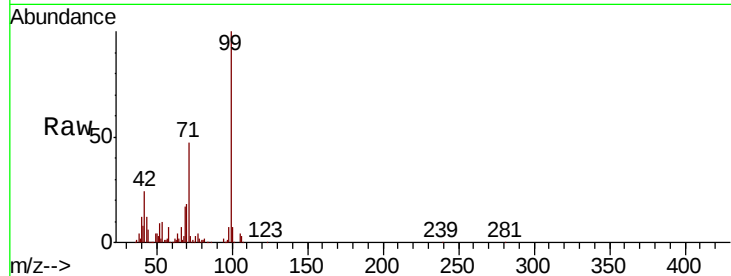
Tgt Ion: 99 Resp: 532179

Ion Ratio Lower Upper

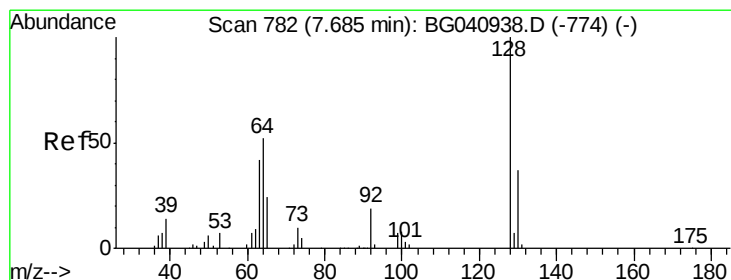
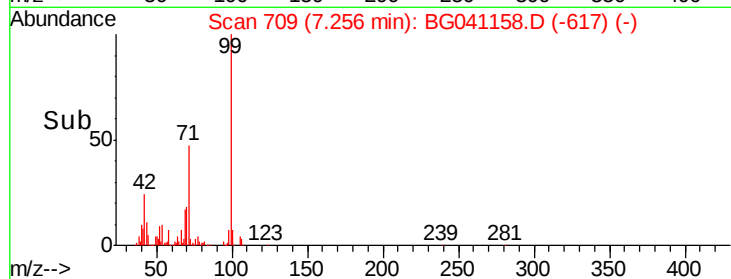
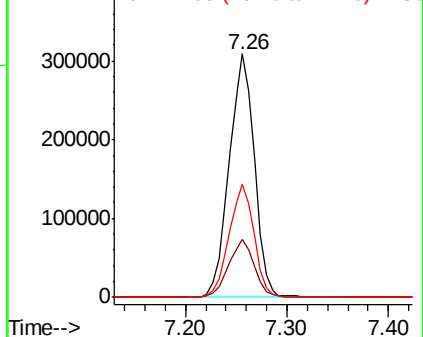
99 100

42 23.6 17.9 26.9

71 46.6 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: 46.820 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

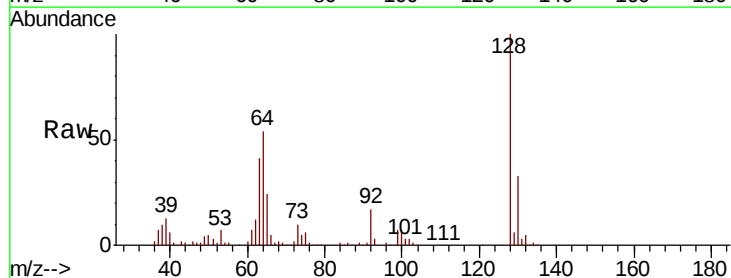
Tgt Ion: 128 Resp: 132628

Ion Ratio Lower Upper

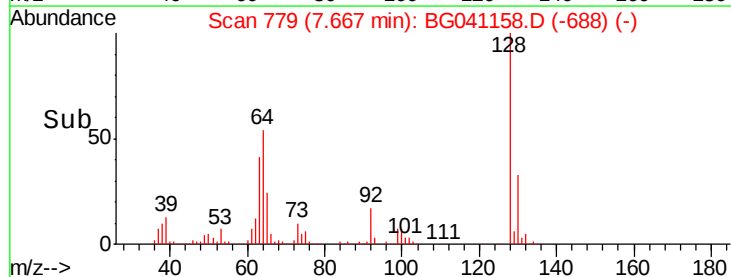
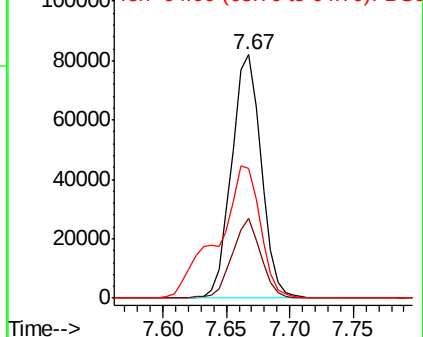
128 100

130 32.8 16.6 56.6

64 53.5 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





#9

Benzaldehyde

Concen: 20.462 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

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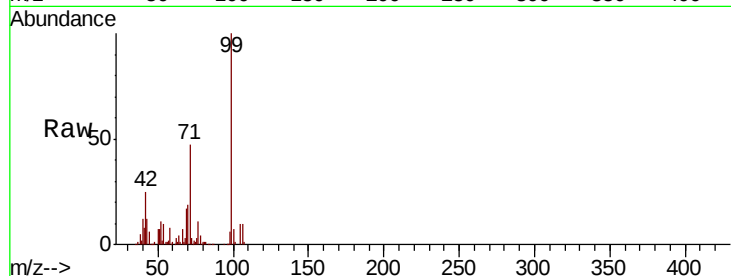
Tgt Ion: 77 Resp: 44793

Ion Ratio Lower Upper

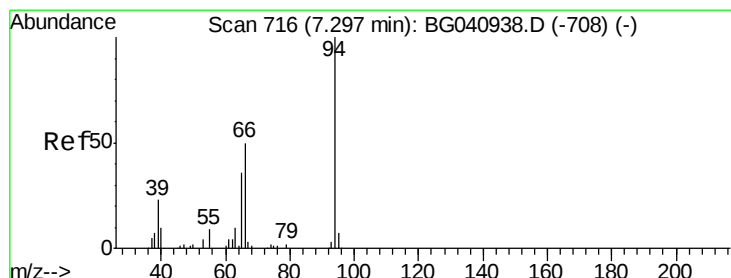
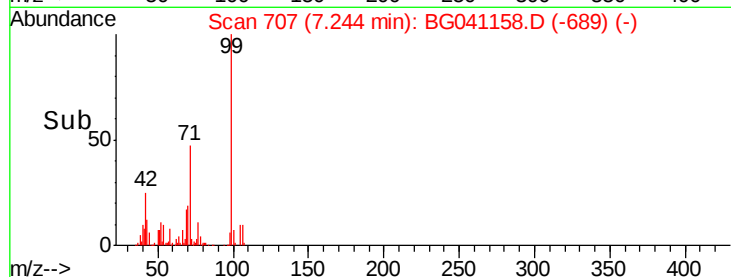
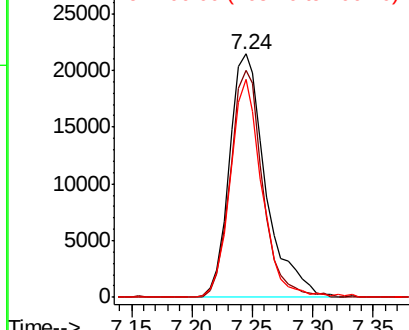
77 100

105 93.4 78.9 118.9

106 89.5 76.7 116.7



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



#10

Phenol

Concen: 44.810 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

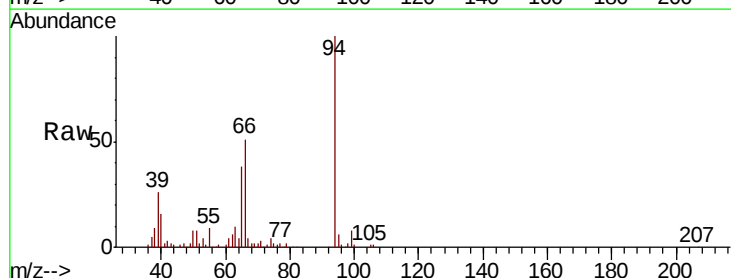
Tgt Ion: 94 Resp: 176308

Ion Ratio Lower Upper

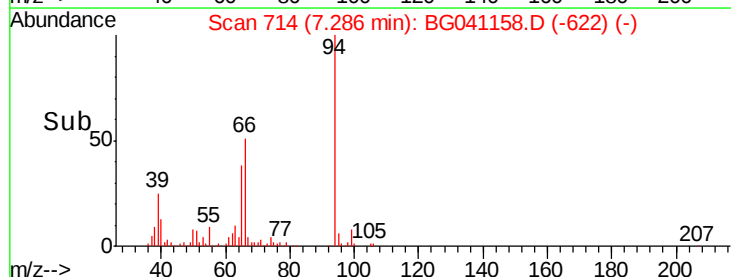
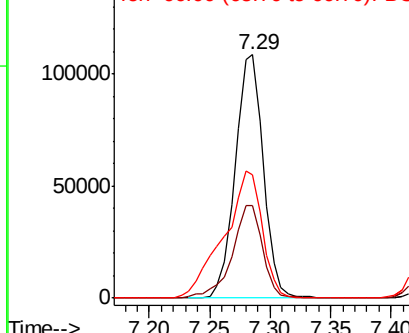
94 100

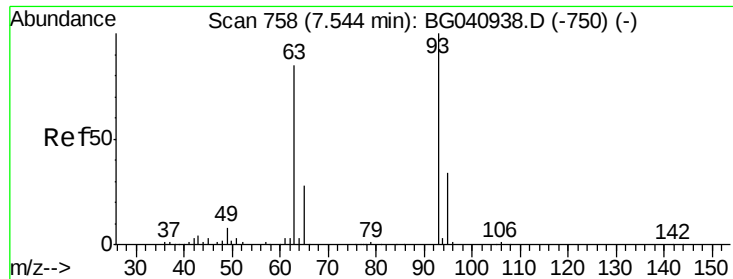
65 38.2 17.0 57.0

66 50.8 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

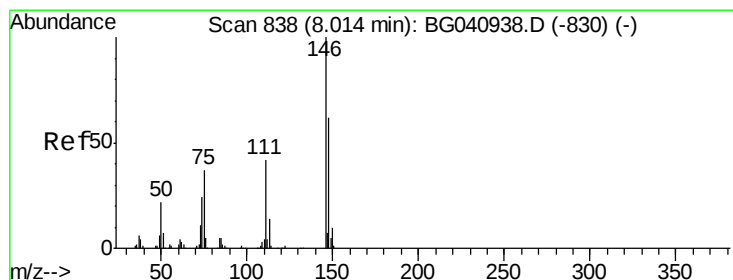
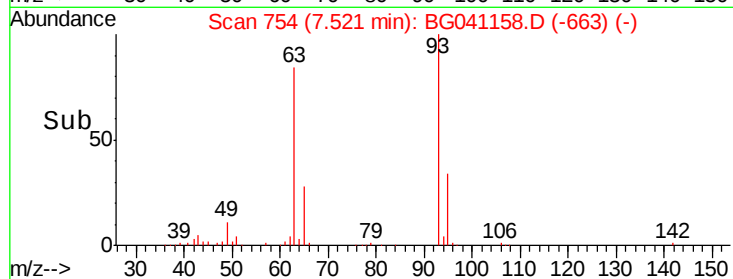
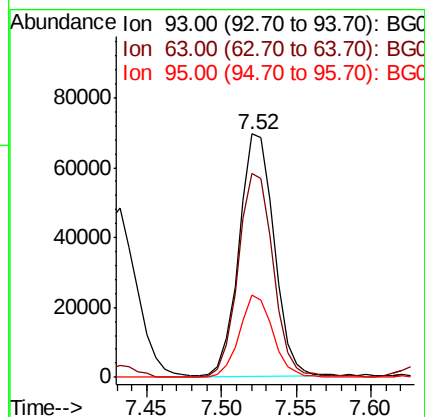
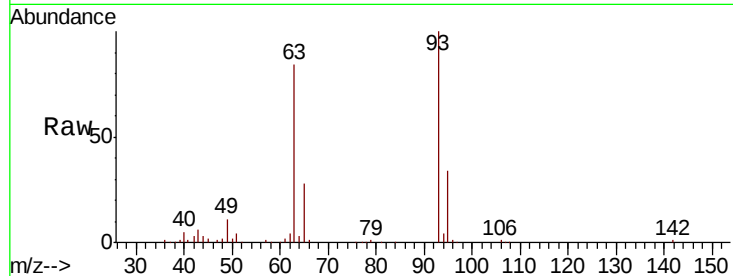




#11
bis(2-Chloroethyl)ether
Concen: 39.615 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

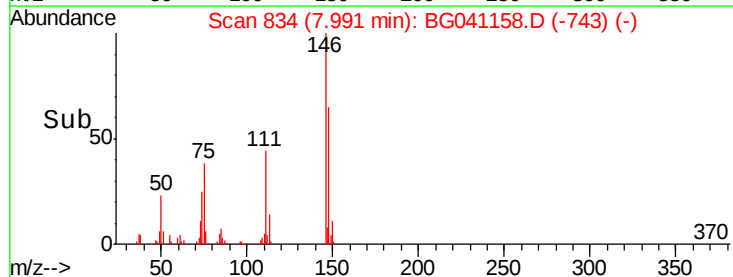
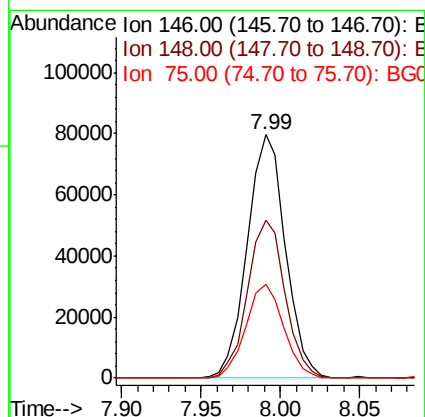
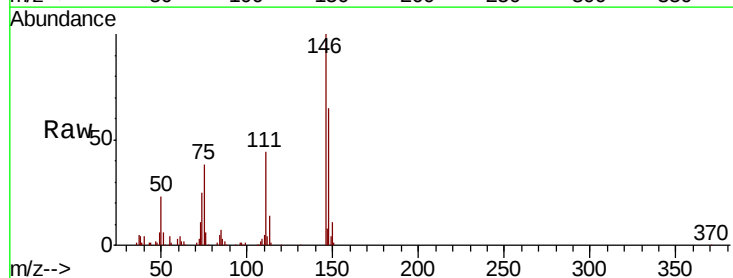
Instrument :
BNA_G
ClientSampleId :
PB120413BS

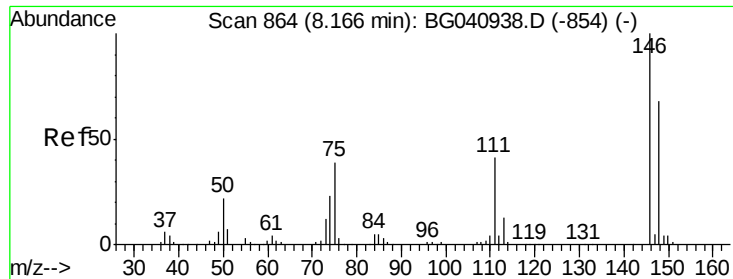
Tgt Ion: 93 Resp: 113075
Ion Ratio Lower Upper
93 100
63 83.7 64.5 104.5
95 34.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.478 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion: 146 Resp: 133567
Ion Ratio Lower Upper
146 100
148 64.6 49.2 73.8
75 38.4 29.4 44.0

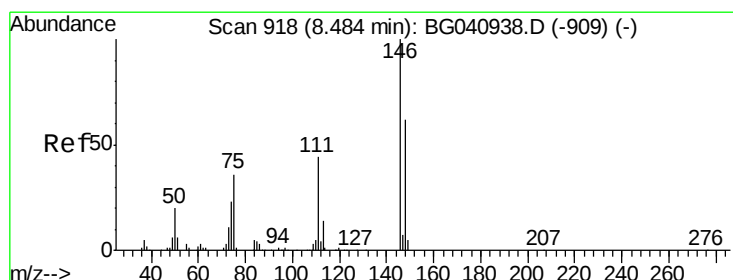
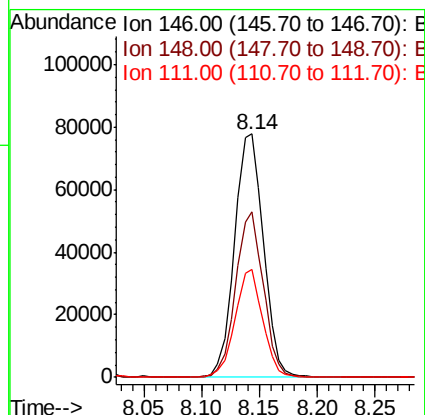
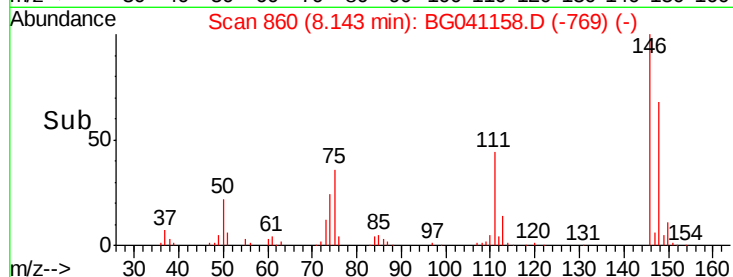
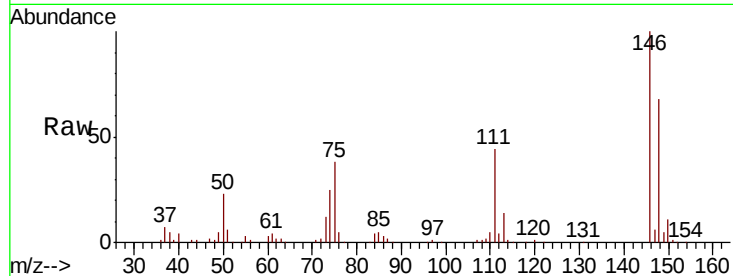




#13
 1,4-Dichlorobenzene
 Concen: 39.497 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

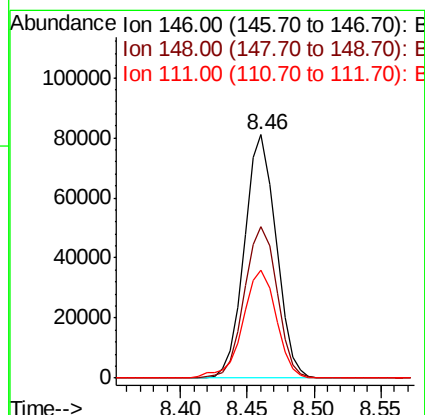
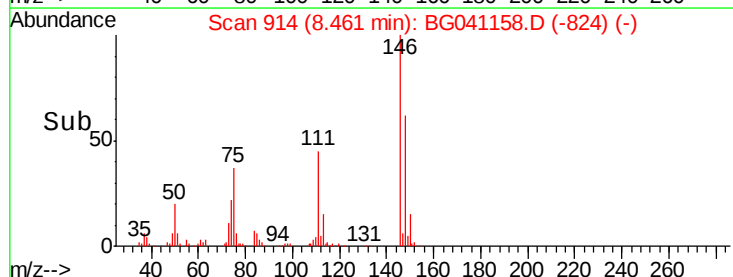
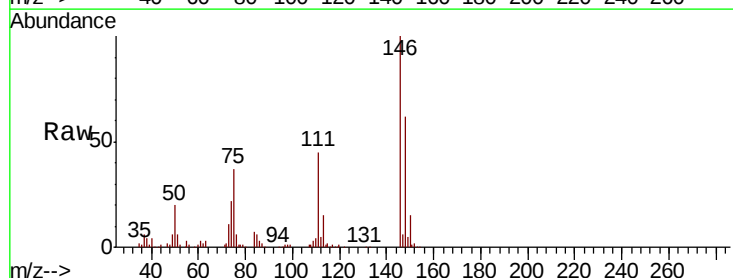
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tgt Ion:146 Resp: 135265
 Ion Ratio Lower Upper
 146 100
 148 68.2 54.2 81.4
 111 44.2 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 39.944 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion:146 Resp: 132822
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.8 74.6
 111 44.5 35.0 52.4

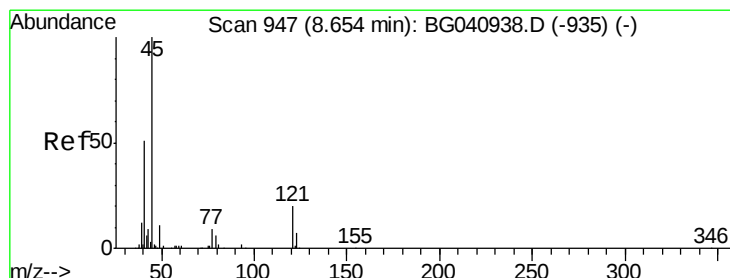
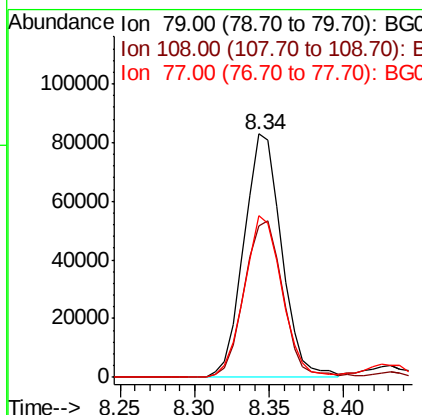
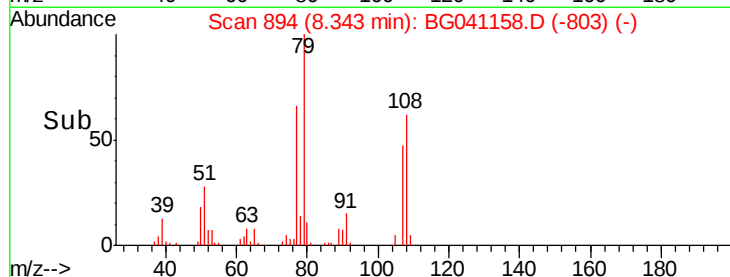
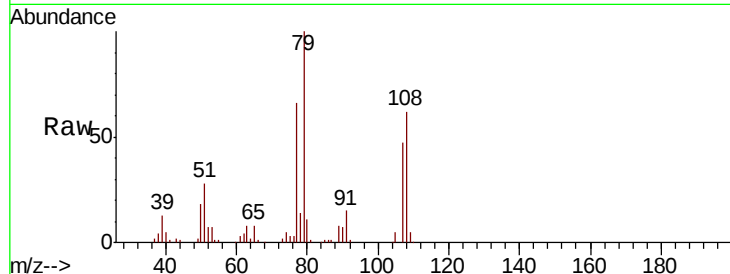




#15
Benzyl Alcohol
Concen: 42.706 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

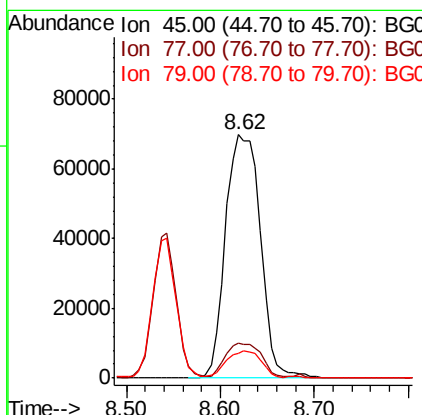
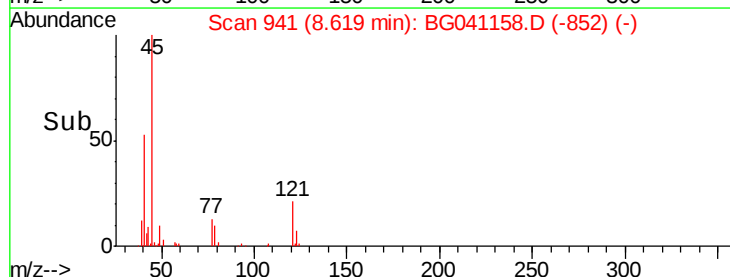
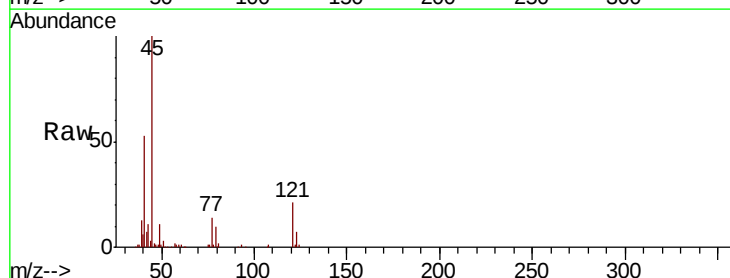
Instrument :
BNA_G
ClientSampleId :
PB120413BS

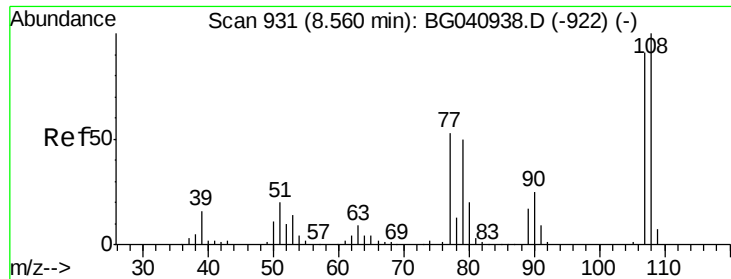
Tgt Ion: 79 Resp: 144967
Ion Ratio Lower Upper
79 100
108 62.3 48.3 72.5
77 66.3 52.3 78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.547 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion: 45 Resp: 179790
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.7
79 10.3 0.0 30.2

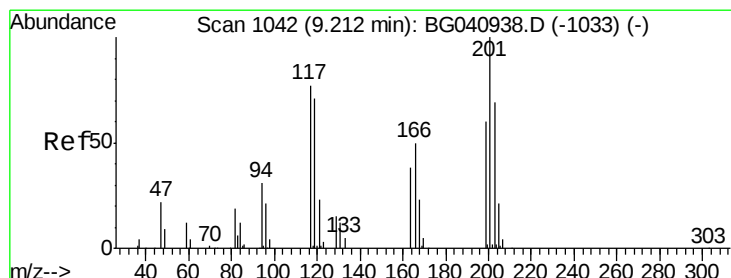
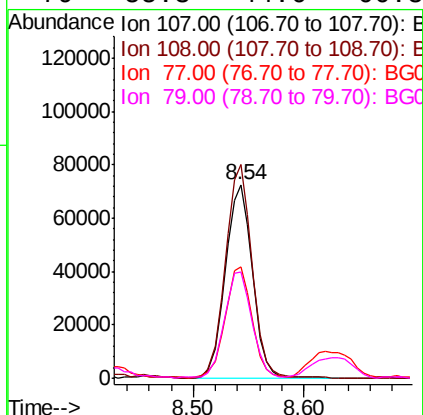
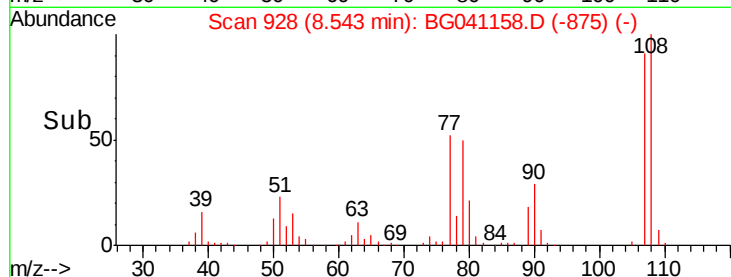
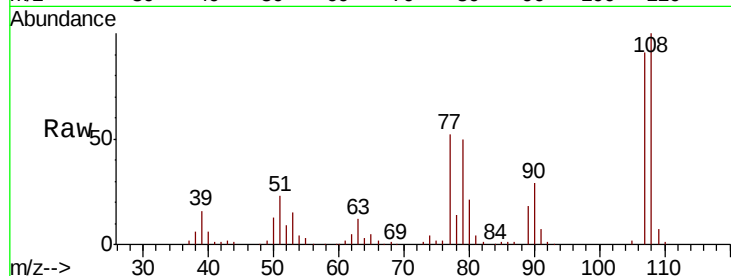




#17
2-Methylphenol
Concen: 43.772 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

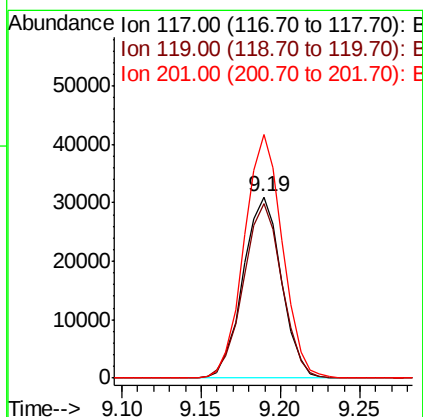
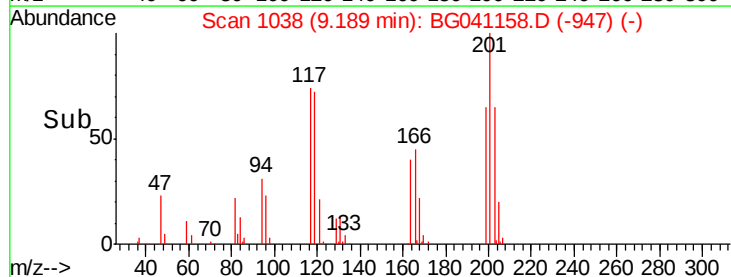
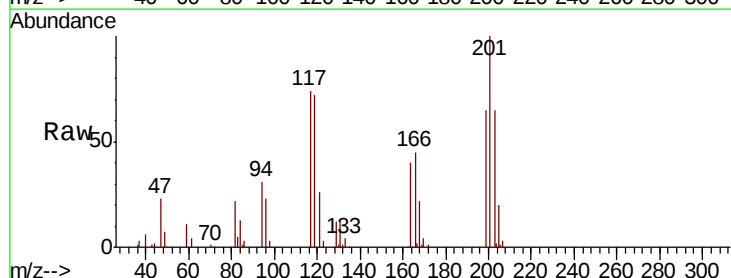
Instrument :
BNA_G
ClientSampleId :
PB120413BS

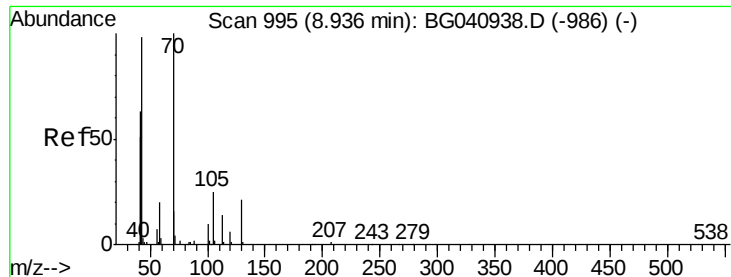
Tgt Ion:	107	Resp:	124699
Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.7	131.5
77	57.3	46.6	70.0
79	55.3	44.6	66.8



#18
Hexachloroethane
Concen: 39.464 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:	117	Resp:	52090
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.0	112.6
201	134.4	103.5	155.3

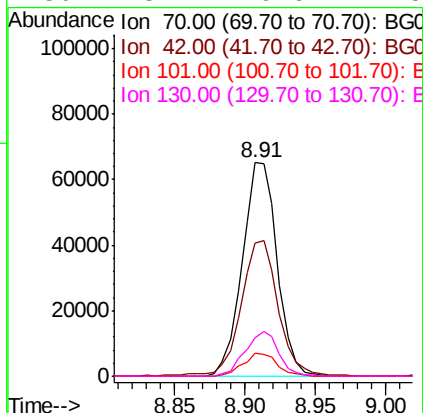
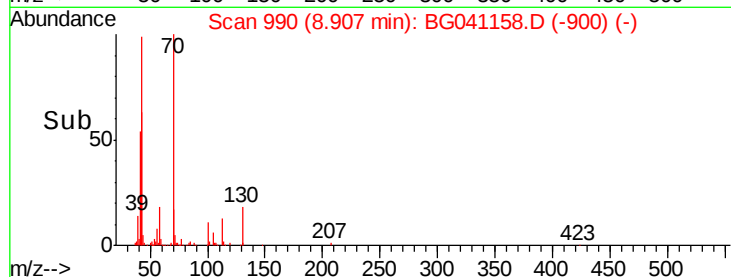
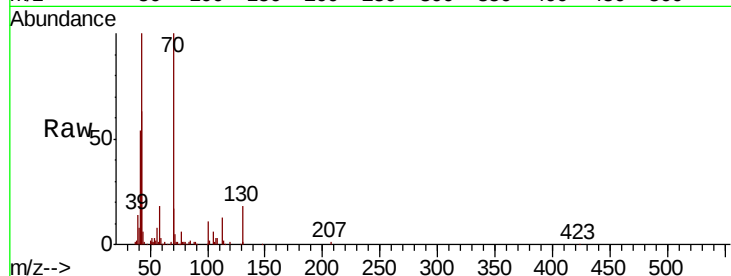




#19
n-Nitroso-di-n-propylamine
Concen: 39.721 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

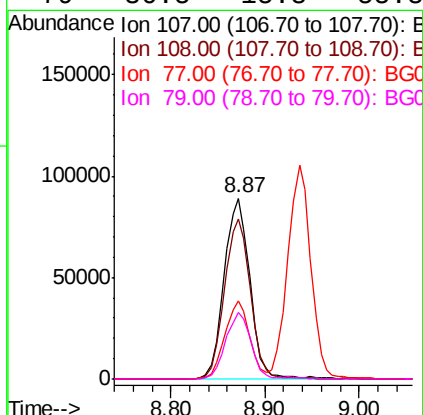
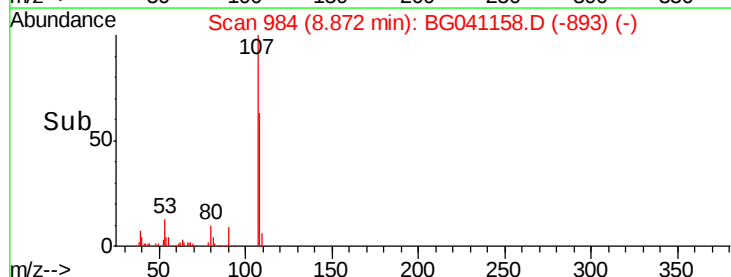
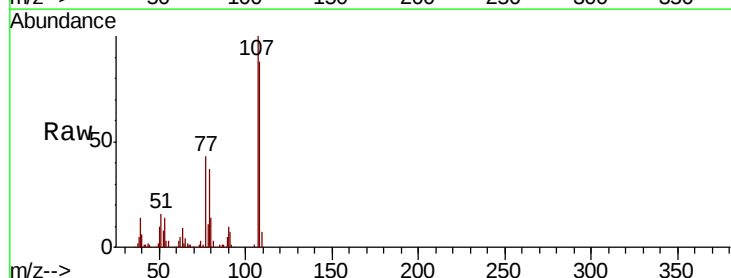
Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion:	70	Resp:	112172
Ion	Ratio	Lower	Upper
70	100		
42	62.6	51.5	77.3
101	10.7	8.1	12.1
130	18.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 42.942 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:	107	Resp:	169454
Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.8	106.8
77	43.0	20.5	60.5
79	36.5	15.8	55.8

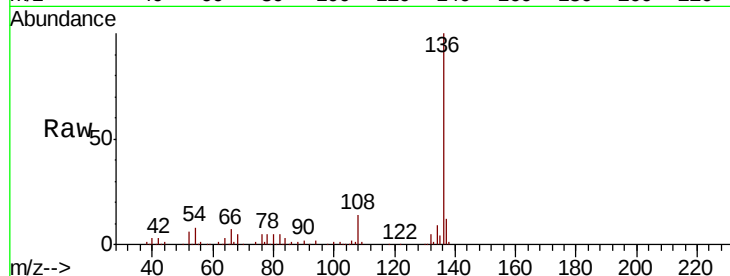




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion:	136	Resp:	172817
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.2	7.6	11.4
68	4.9	3.9	5.9



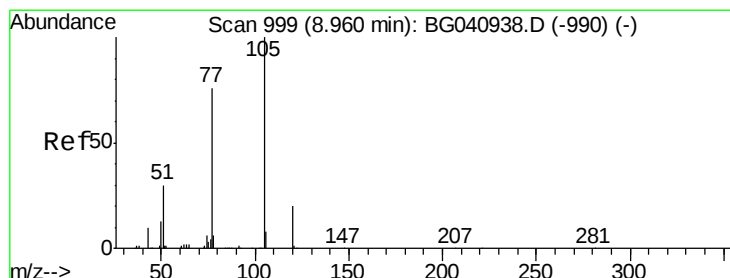
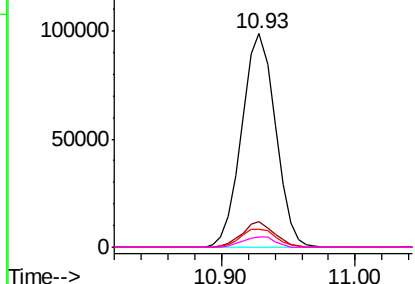
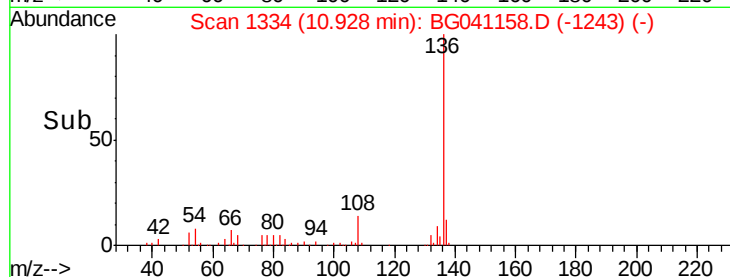
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

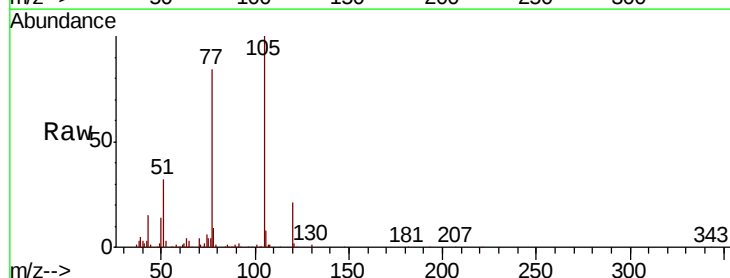
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.504 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:	105	Resp:	215748
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	31.7	27.0	40.6
120	20.6	16.2	24.4



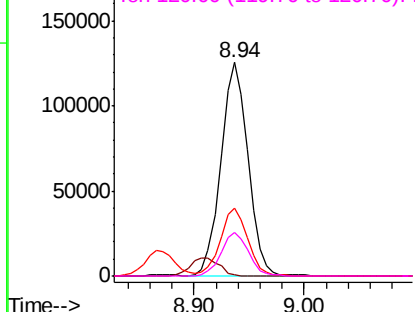
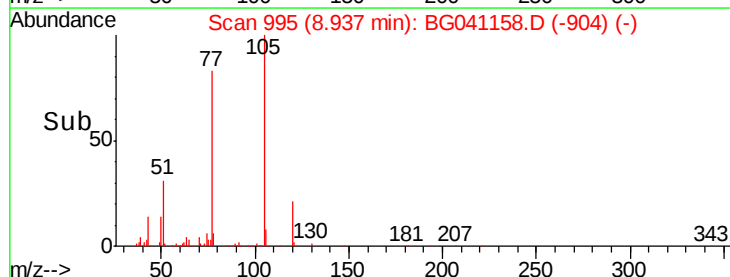
Abundance

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

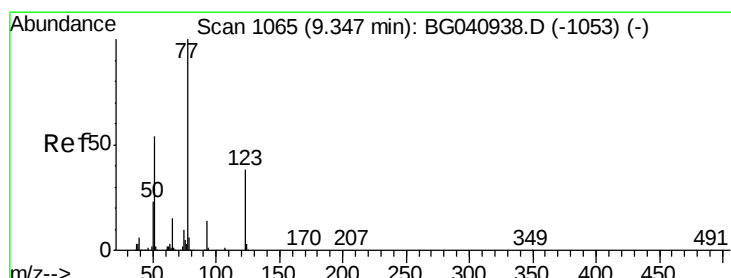
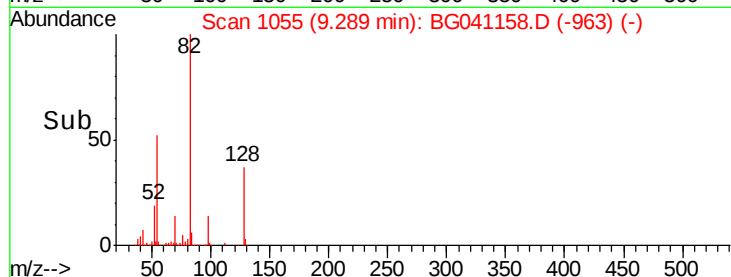
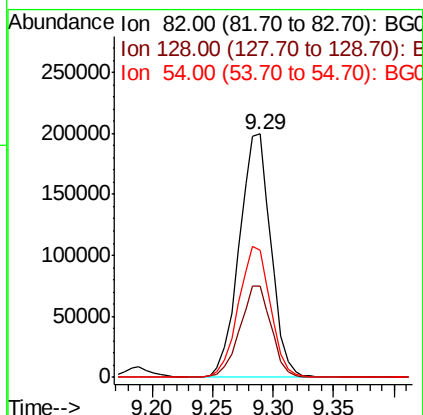
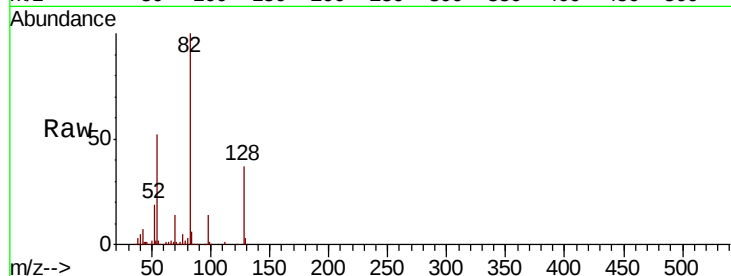




#23
 Nitrobenzene-d5
 Concen: 93.581 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

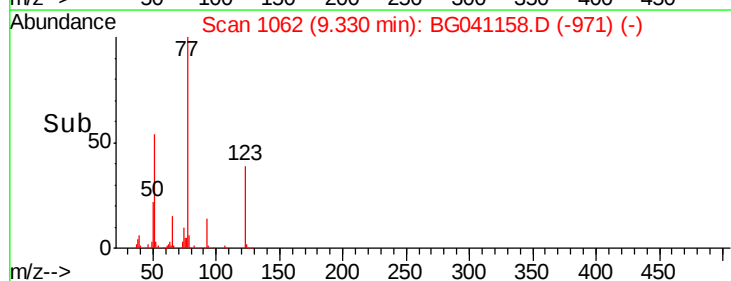
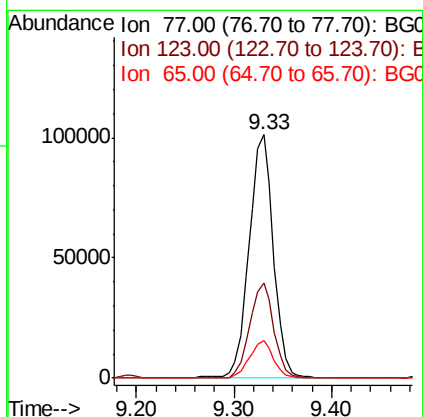
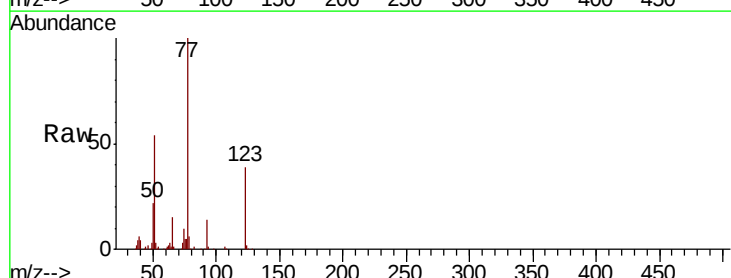
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

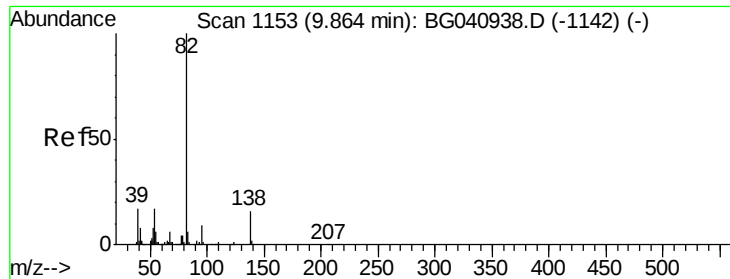
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	52.5	44.6	66.8



#24
 Nitrobenzene
 Concen: 44.624 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.6	46.0
65	15.2	12.3	18.5





#25

Isophorone

Concen: 43.488 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

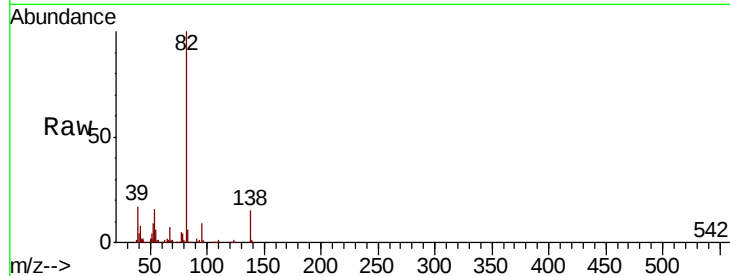
Tgt Ion: 82 Resp: 322174

Ion Ratio Lower Upper

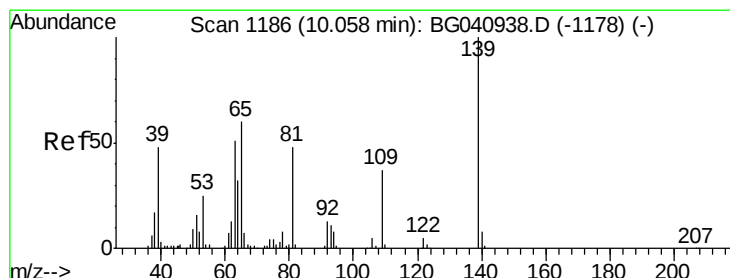
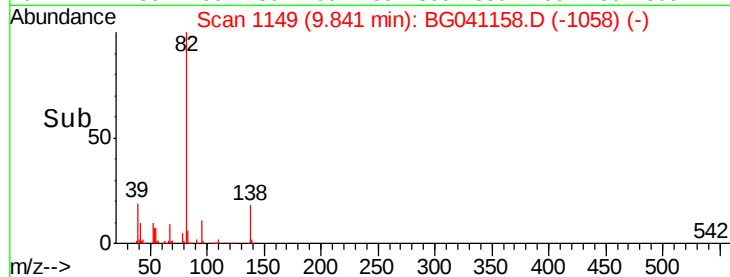
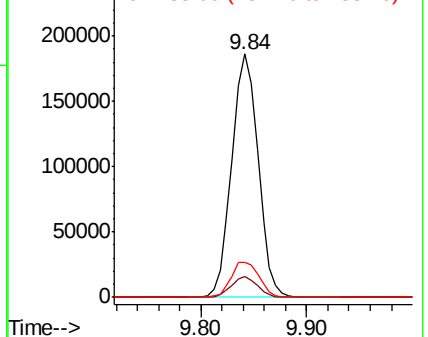
82 100

95 8.7 7.0 10.4

138 14.5 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.005 ng

RT: 10.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

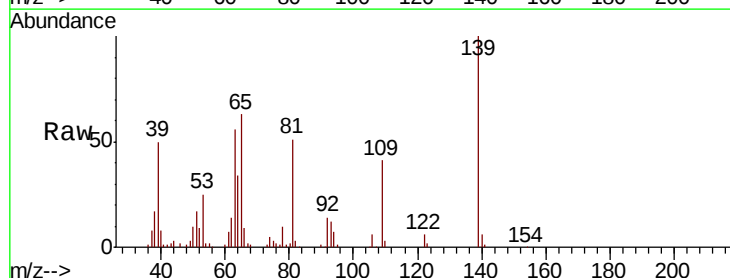
Tgt Ion: 139 Resp: 80145

Ion Ratio Lower Upper

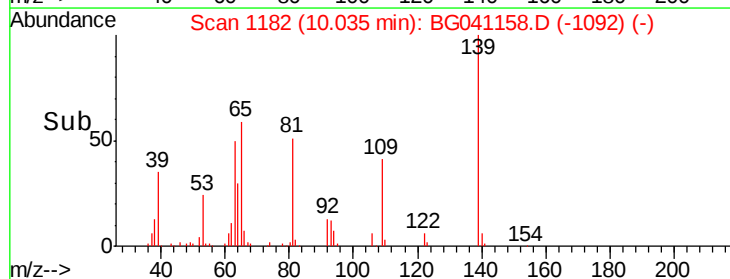
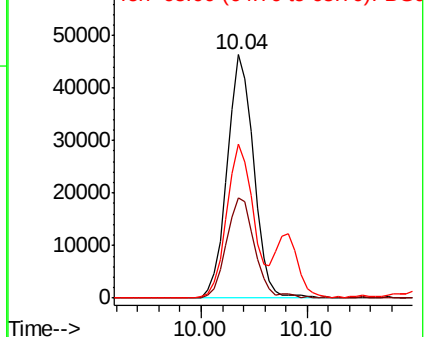
139 100

109 41.1 29.8 44.6

65 63.5 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

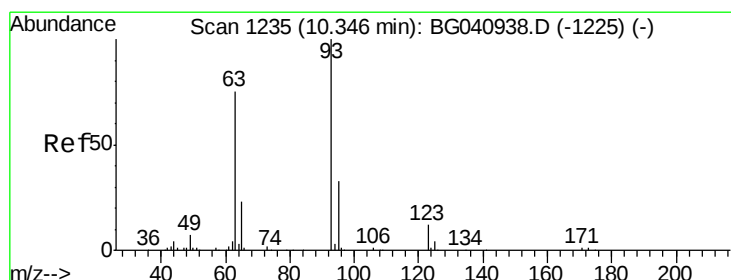
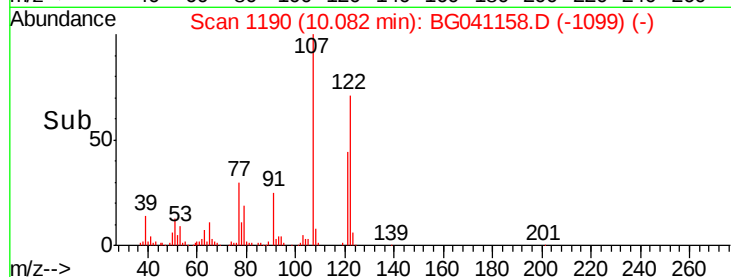
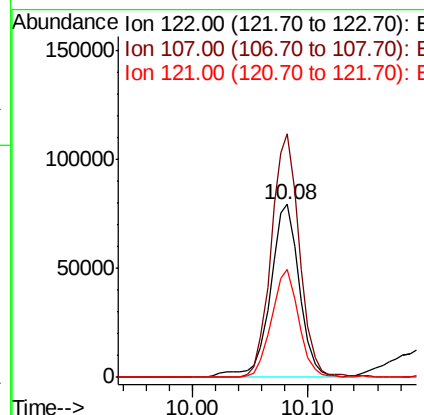
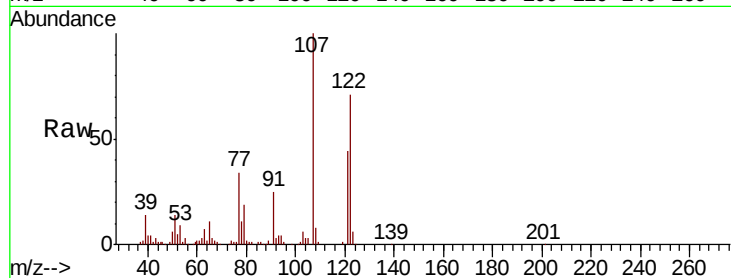




#27
 2,4-Dimethylphenol
 Concen: 51.483 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

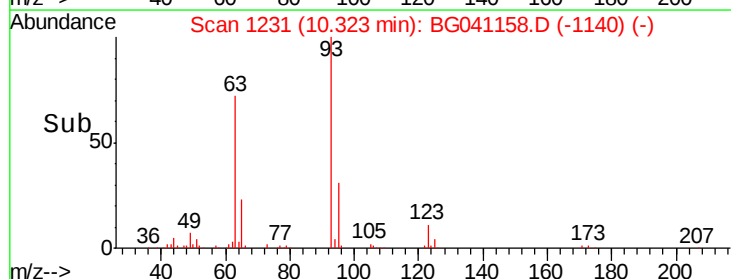
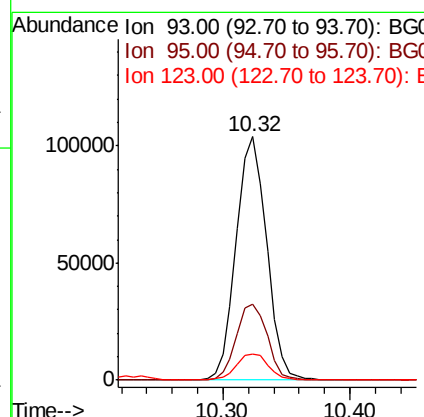
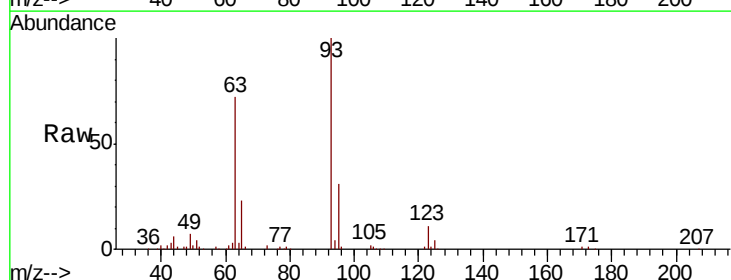
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	141.0	105.9	158.9
121	62.2	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.302 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.2	39.2
123	10.7	9.5	14.3

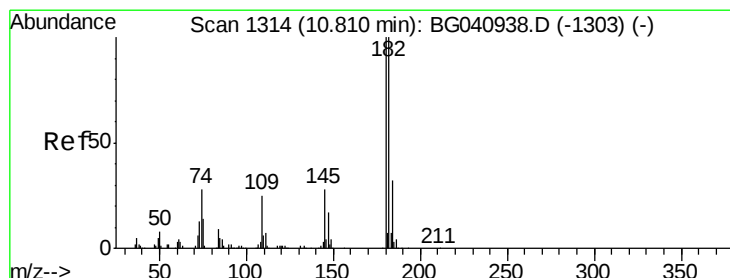
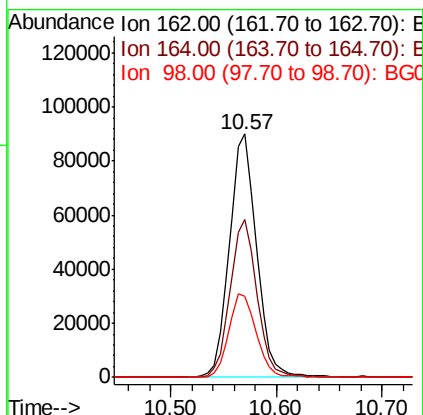
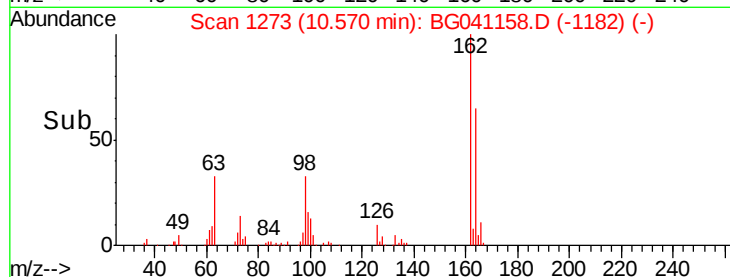
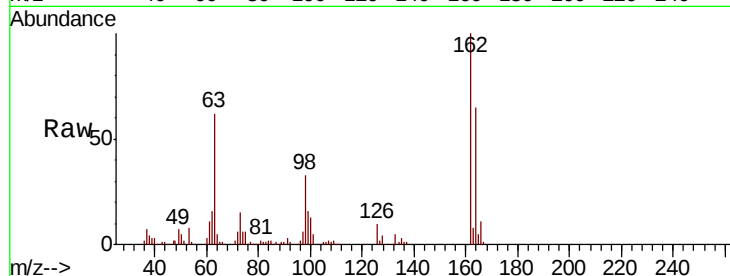




#29
 2,4-Dichlorophenol
 Concen: 46.441 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

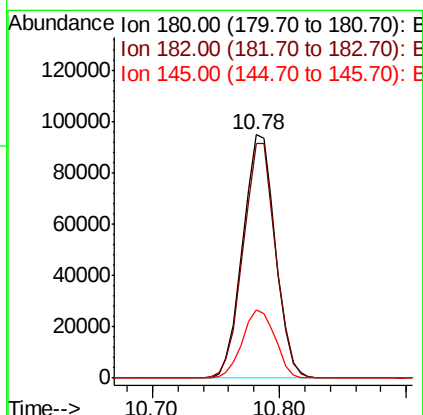
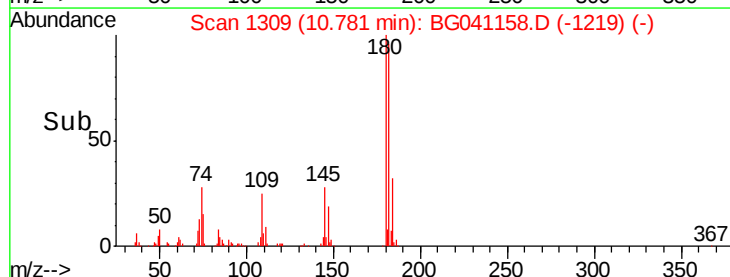
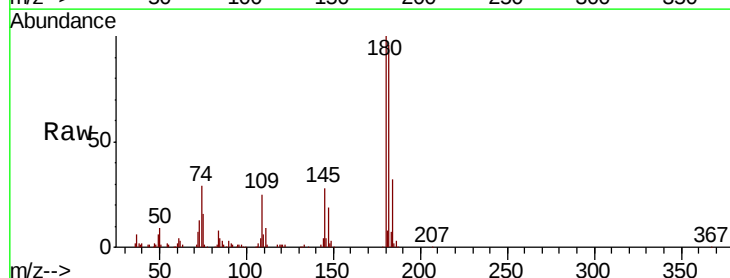
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

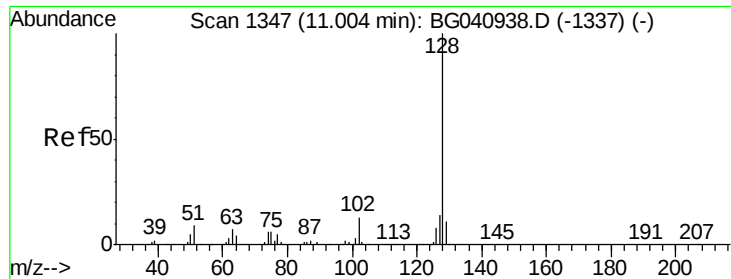
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	39.4	79.4
98	33.3	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.357 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	79.7	119.5
145	28.0	22.6	34.0

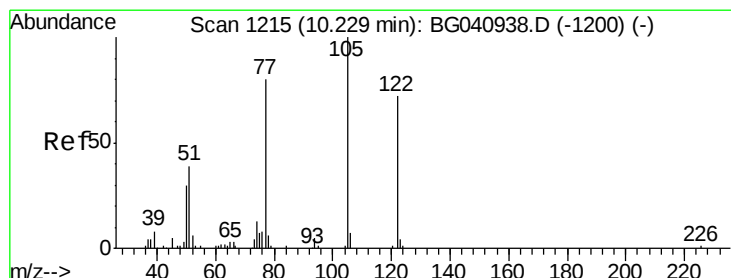
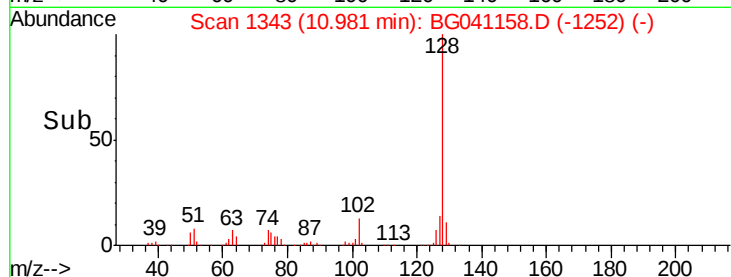
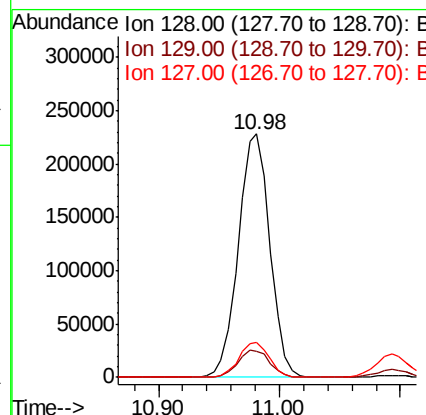
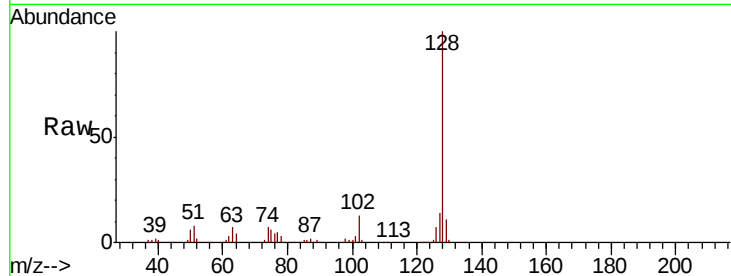




#31
Naphthalene
Concen: 44.621 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

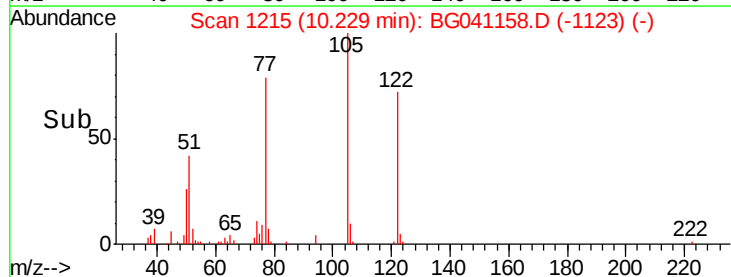
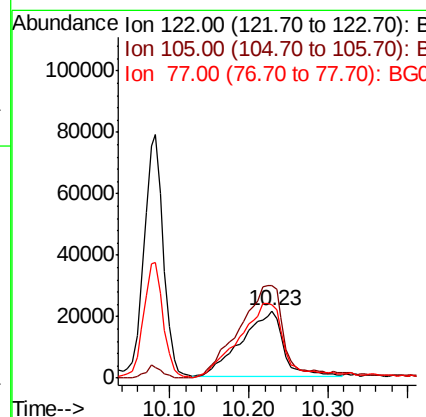
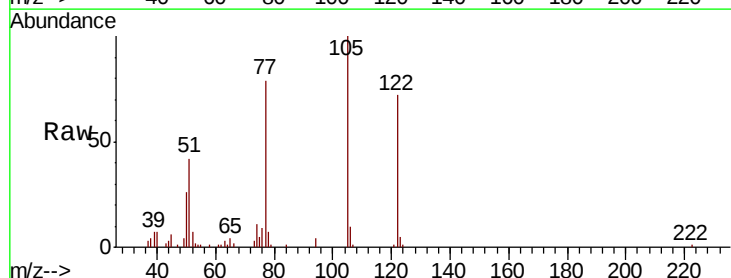
Instrument :
BNA_G
ClientSampleId :
PB120413BS

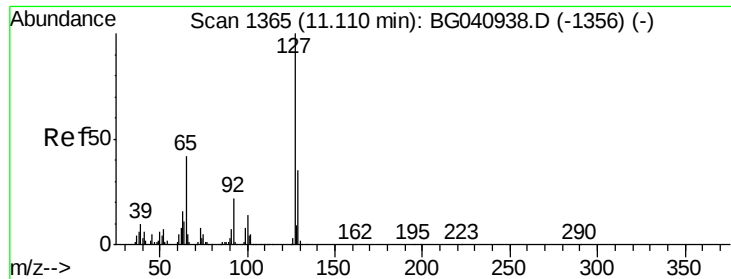
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	14.2	11.4	17.2



#32
Benzoic acid
Concen: 39.989 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.8	114.8	154.8
77	110.2	89.9	129.9

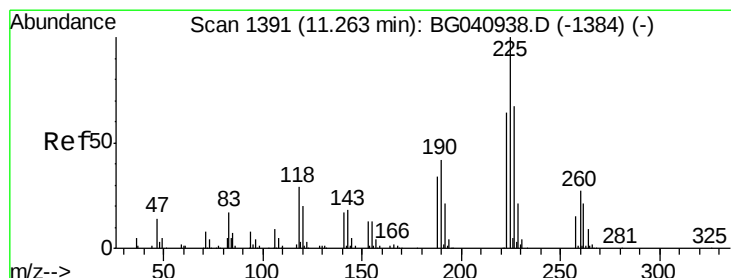
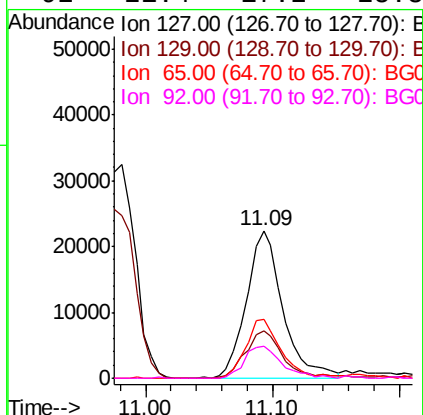
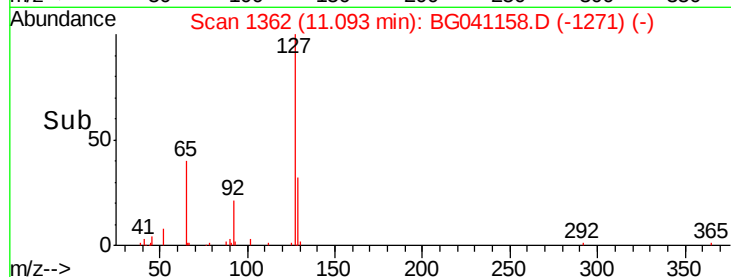
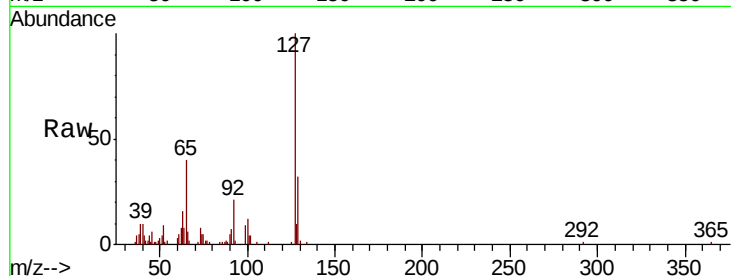




#33
4-Chloroaniline
Concen: 10.421 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

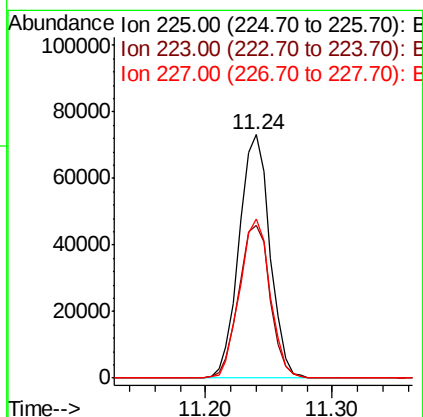
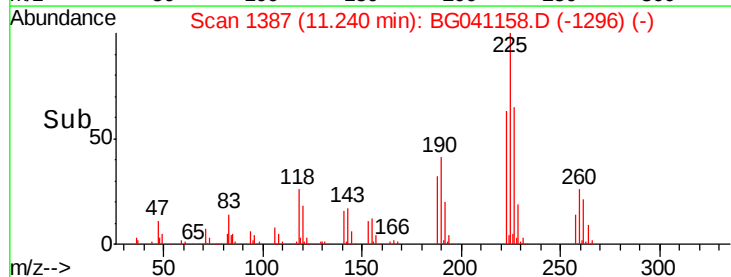
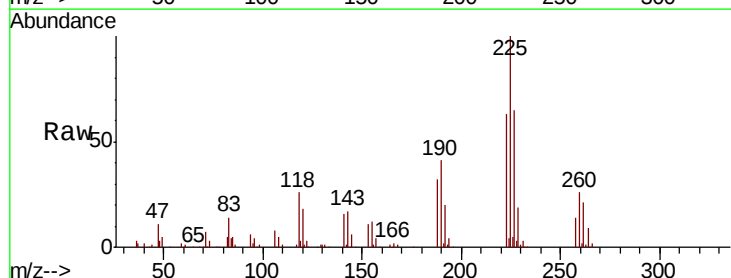
Instrument :
BNA_G
ClientSampleId :
PB120413BS

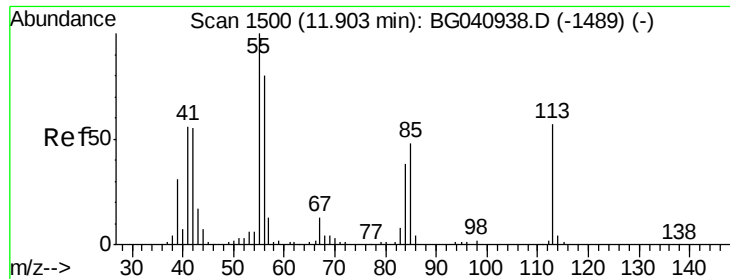
Tgt Ion:127 Resp: 44866
Ion Ratio Lower Upper
127 100
129 32.1 27.7 41.5
65 40.0 33.2 49.8
92 21.4 17.2 25.8



#34
Hexachlorobutadiene
Concen: 41.323 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:225 Resp: 123372
Ion Ratio Lower Upper
225 100
223 62.5 48.8 73.2
227 65.1 51.4 77.0





#35

Caprolactam

Concen: 29.878 ng

RT: 11.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

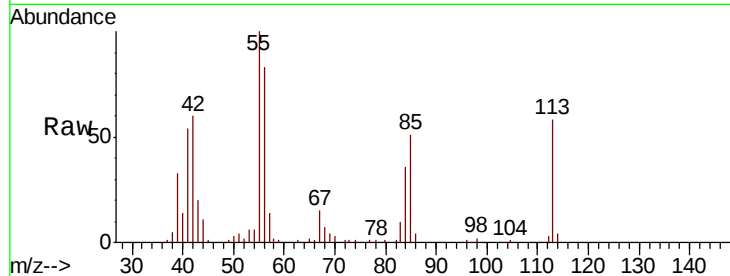
Tgt Ion:113 Resp: 33842

Ion Ratio Lower Upper

113 100

55 172.7 155.9 195.9

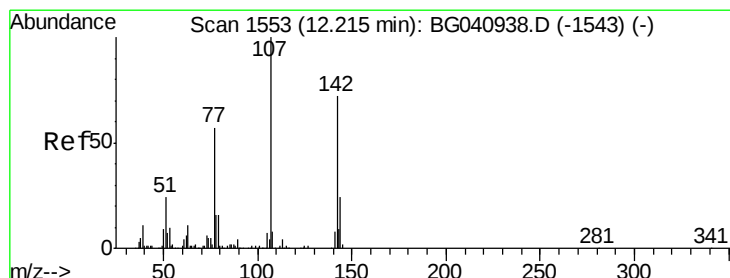
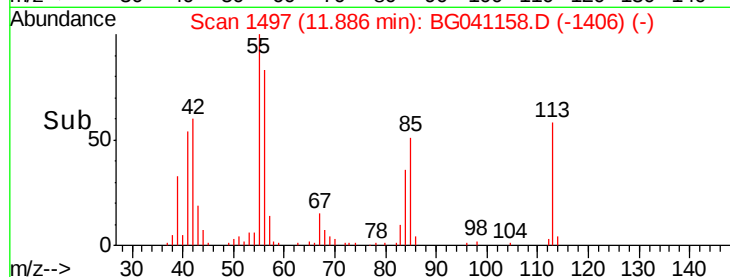
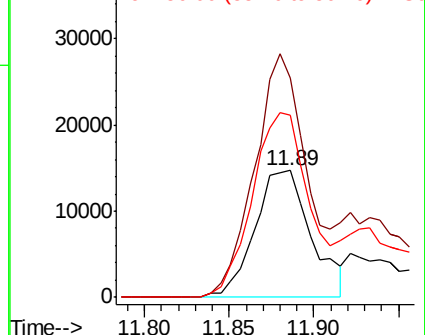
56 143.9 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.296 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

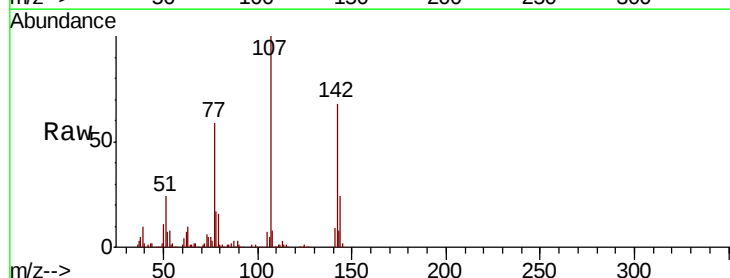
Tgt Ion:107 Resp: 177438

Ion Ratio Lower Upper

107 100

144 23.7 19.4 29.0

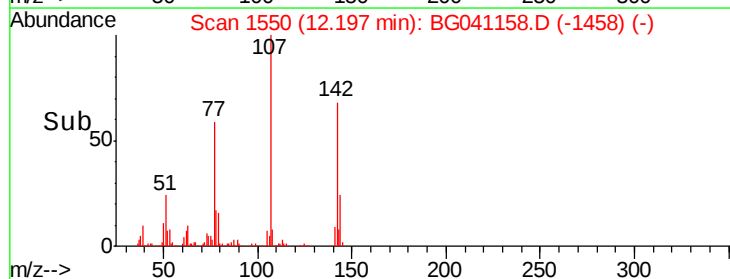
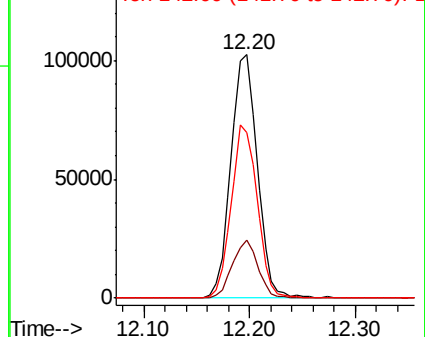
142 68.2 57.3 85.9

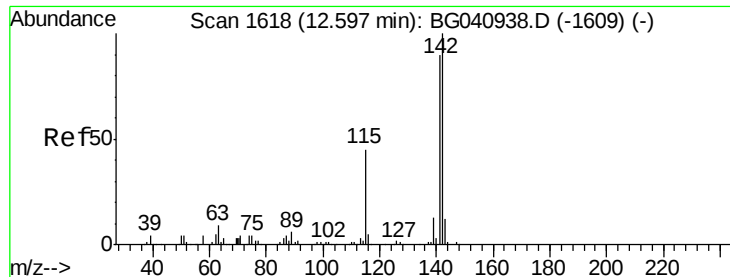


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

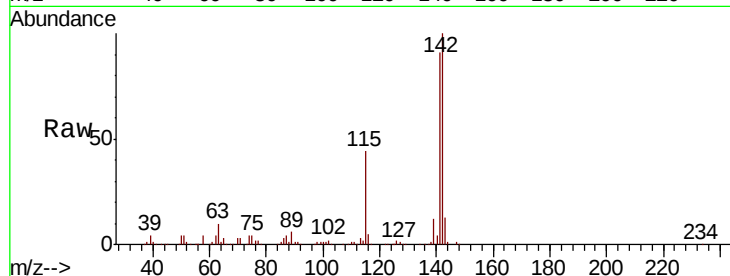




#37
2-Methylnaphthalene
Concen: 45.359 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.4
115	44.3	36.2	54.4

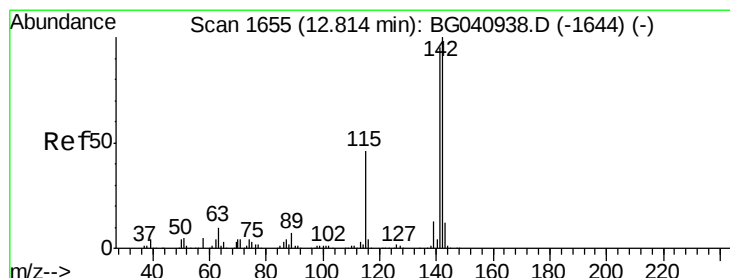
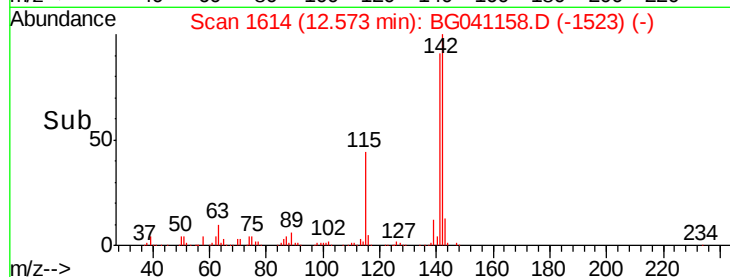
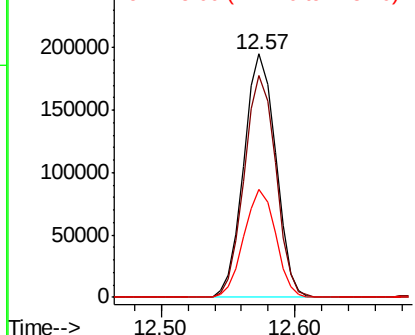


Abundance

Ion 142.00 (141.70 to 142.70): E

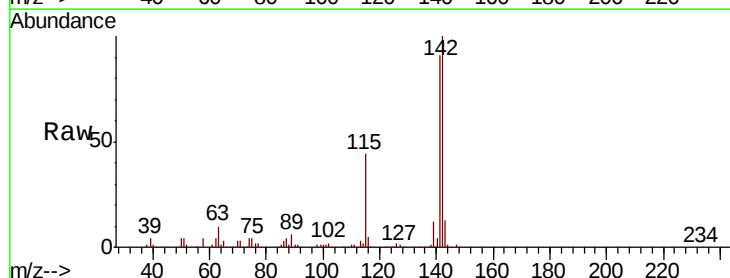
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.134 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.22 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.7	113.5
116	5.0	3.4	5.2

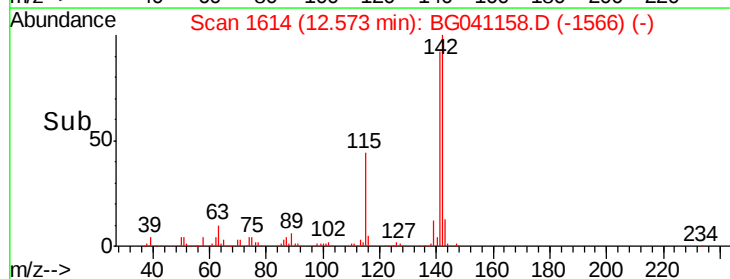
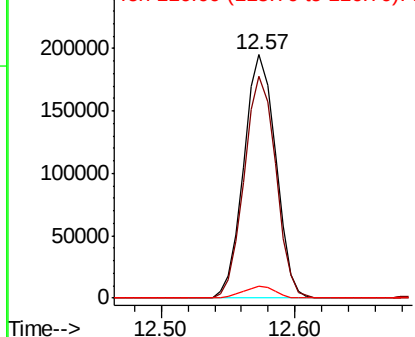


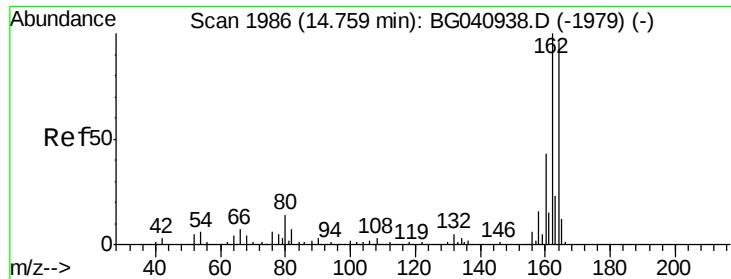
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

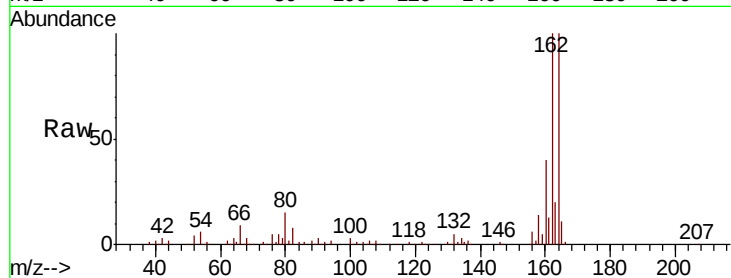
Tgt Ion:164 Resp: 127156

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 40.1 35.6 53.4

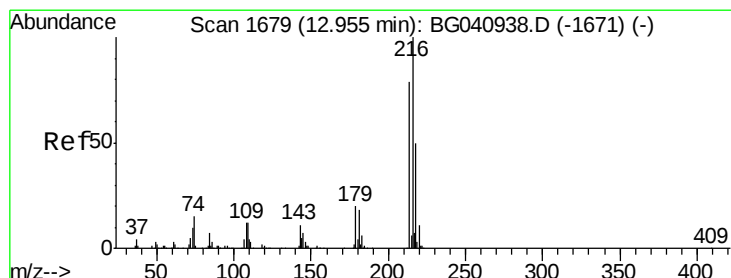
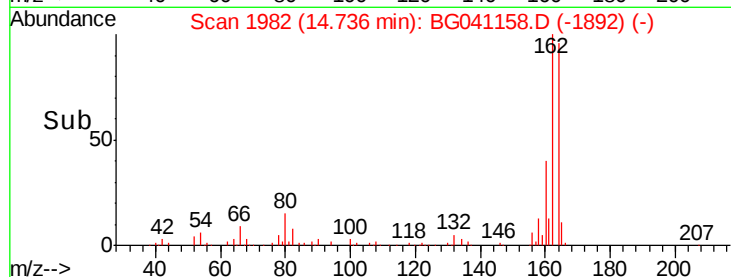
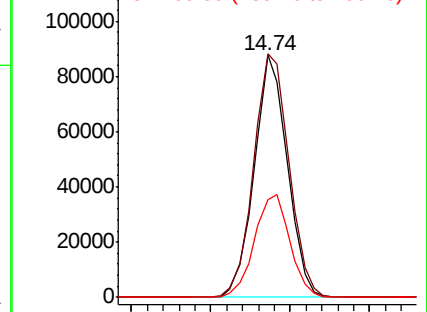


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.655 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:216 Resp: 233986

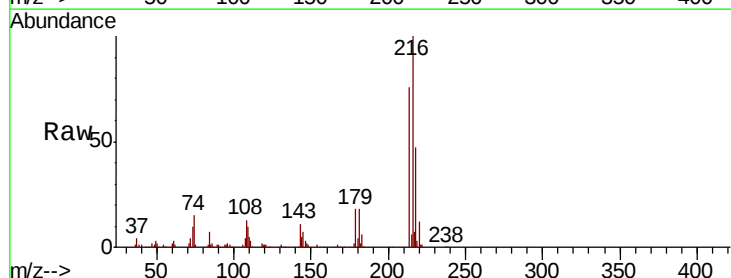
Ion Ratio Lower Upper

216 100

214 80.6 63.4 95.2

179 19.4 15.2 22.8

108 17.3 11.4 17.2#



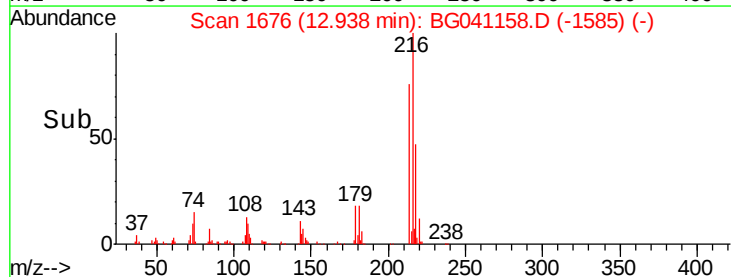
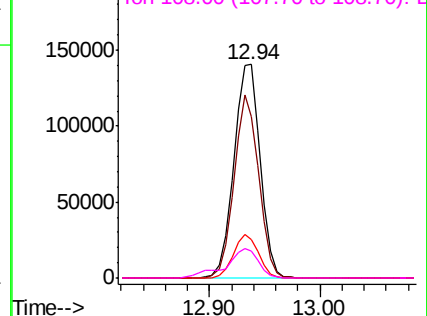
Abundance

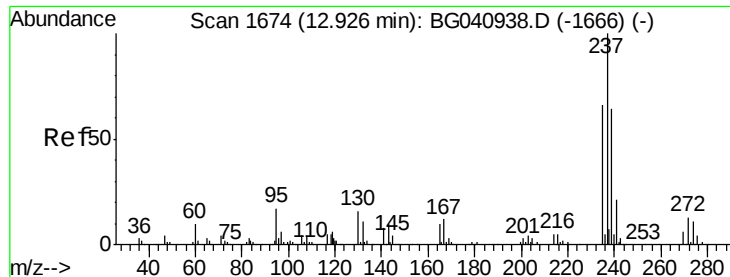
Ion 216.00 (215.70 to 216.70): E

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: 99.107 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

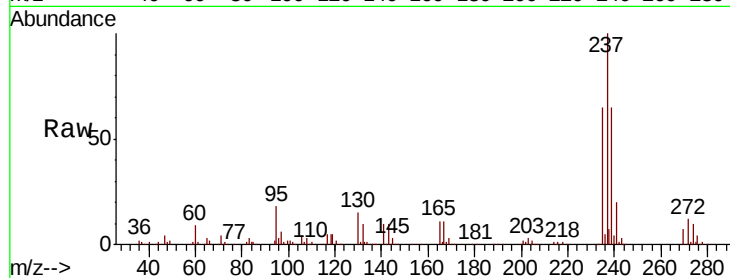
Tgt Ion: 237 Resp: 279076

Ion Ratio Lower Upper

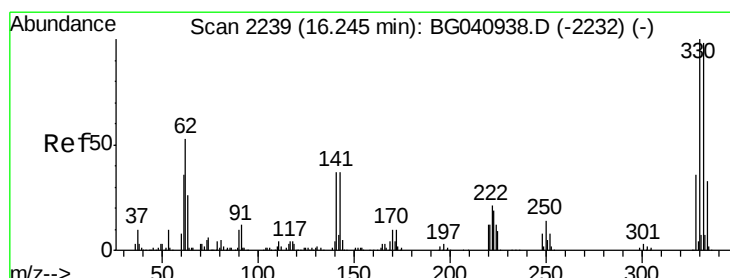
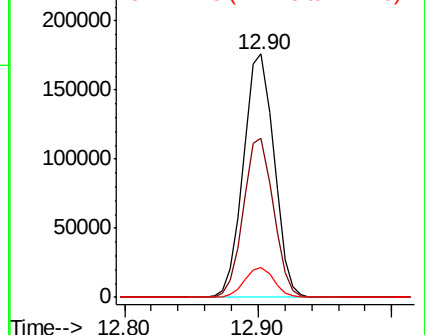
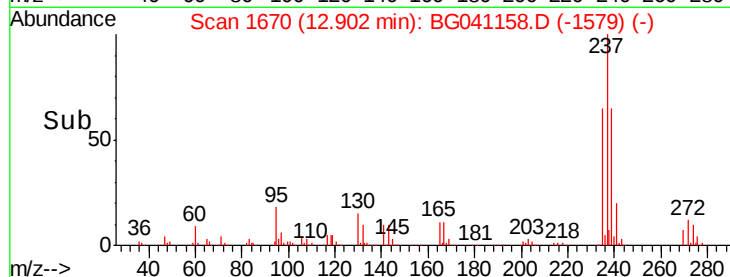
237 100

235 65.3 45.5 85.5

272 12.2 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: 150.324 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

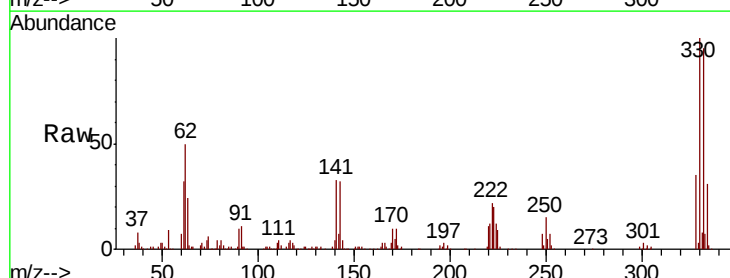
Tgt Ion: 330 Resp: 283769

Ion Ratio Lower Upper

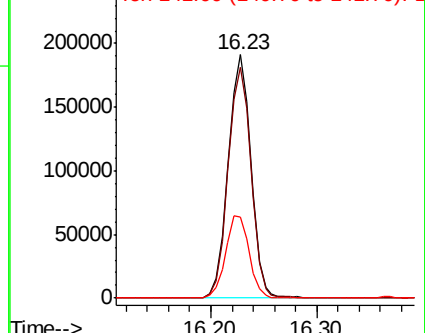
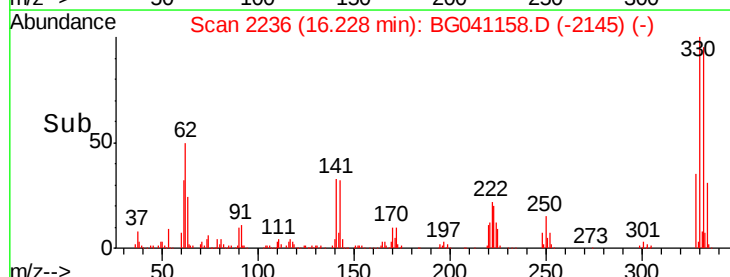
330 100

332 95.9 78.5 117.7

141 35.1 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

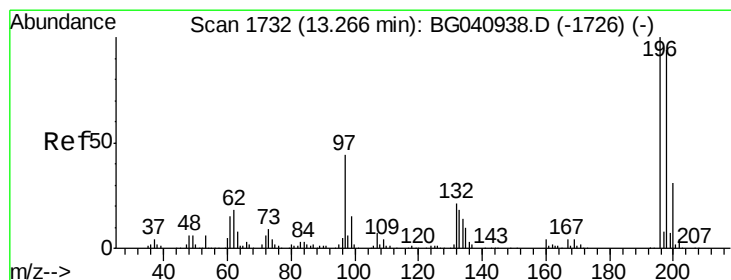
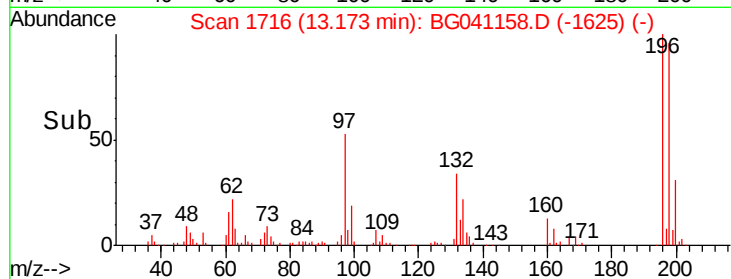
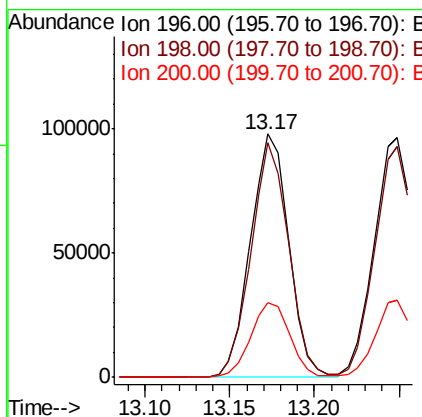
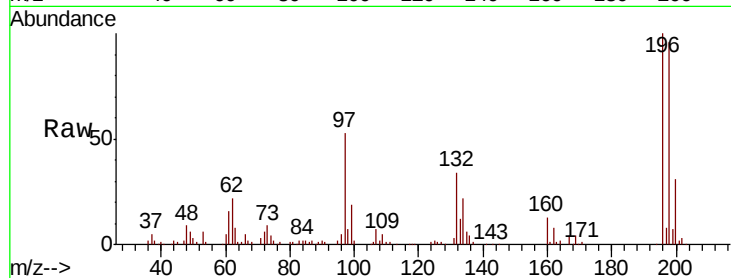




#43
 2,4,6-Trichlorophenol
 Concen: 46.630 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

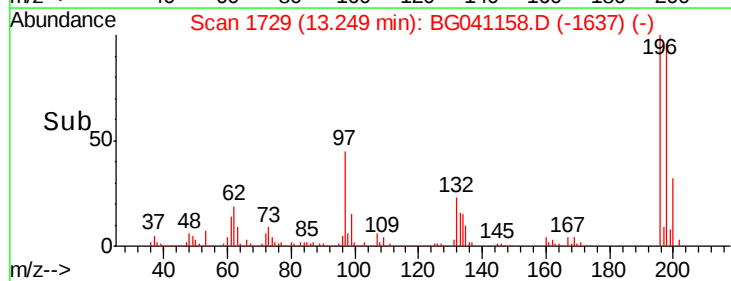
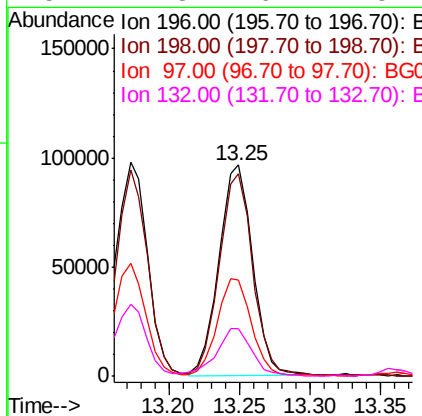
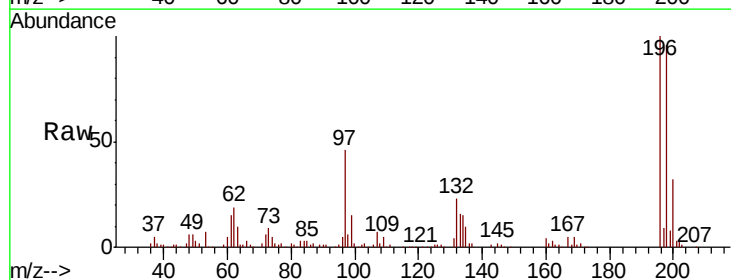
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	73.8	110.6
200	30.6	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.969 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.1	112.7
97	45.7	35.6	53.4
132	22.8	16.7	25.1

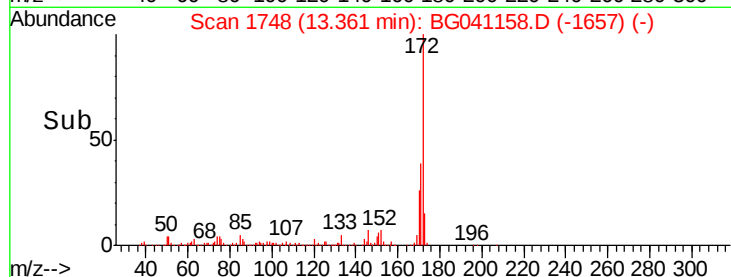
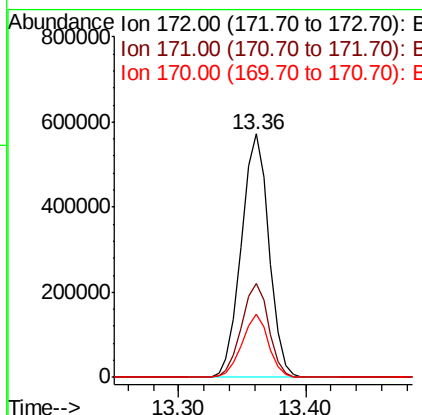
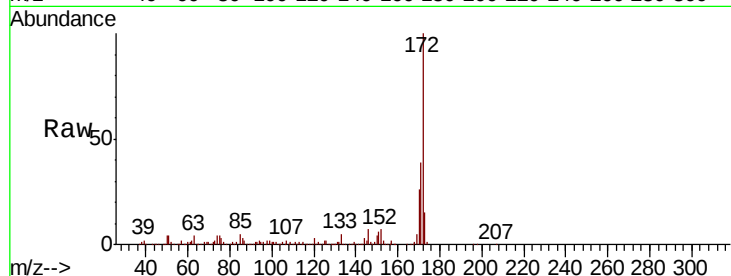




#45
2-Fluorobiphenyl
Concen: 97.791 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

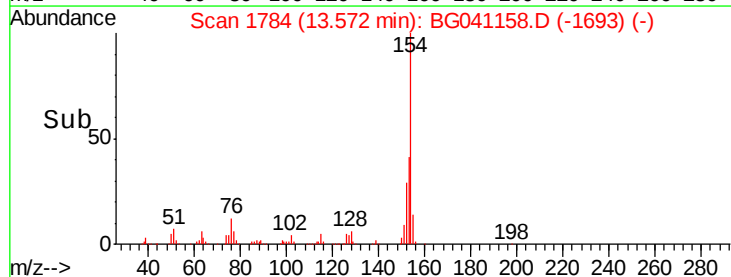
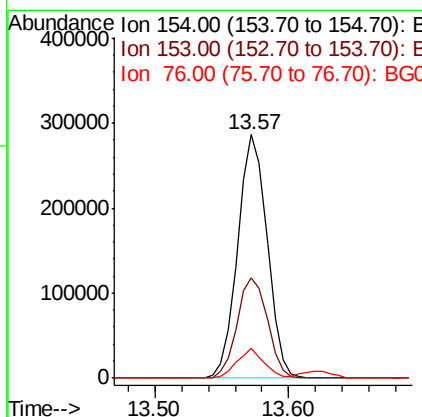
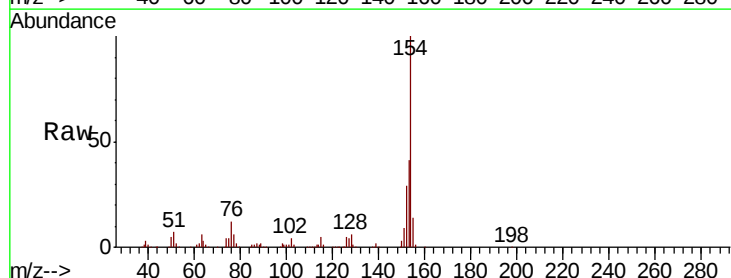
Instrument :
BNA_G
ClientSampleId :
PB120413BS

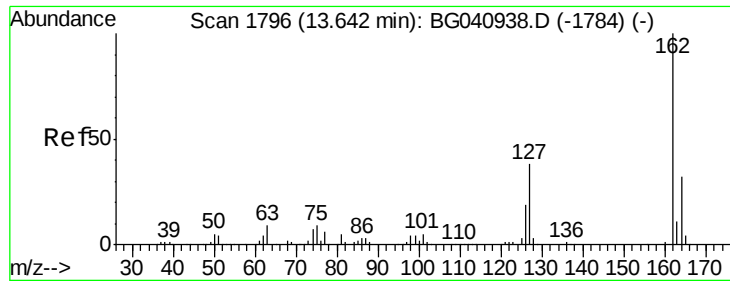
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.1	46.7
170	25.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 46.513 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.3	63.3
76	12.2	0.0	31.1

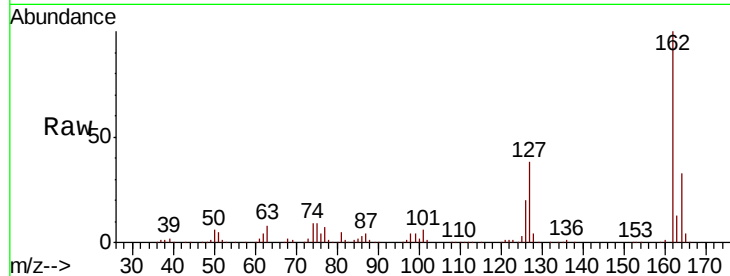




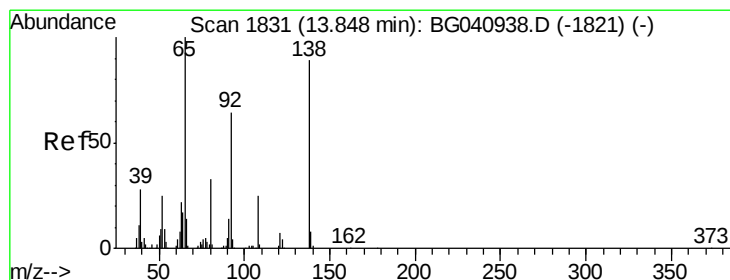
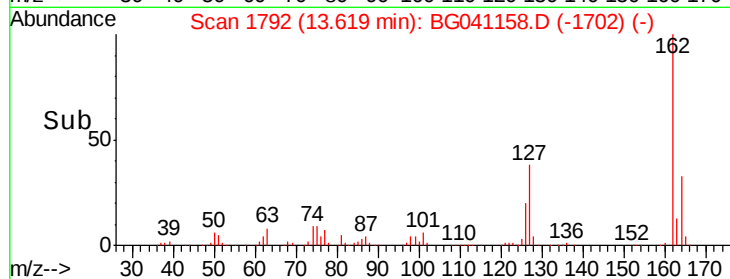
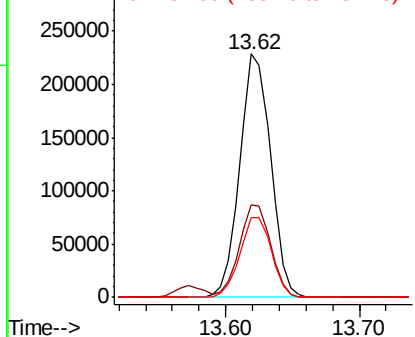
#47
 2-Chloronaphthalene
 Concen: 45.146 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tgt Ion	Resp	Lower	Upper
162	364796		
127	37.8	30.5	45.7
164	32.7	25.8	38.6

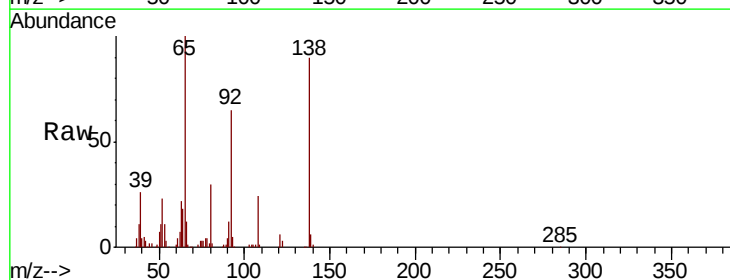


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

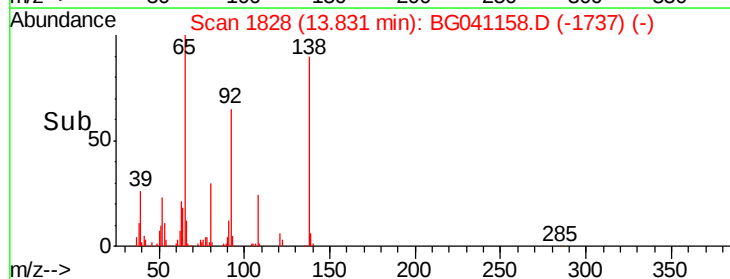
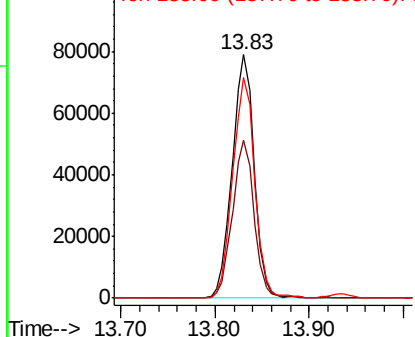


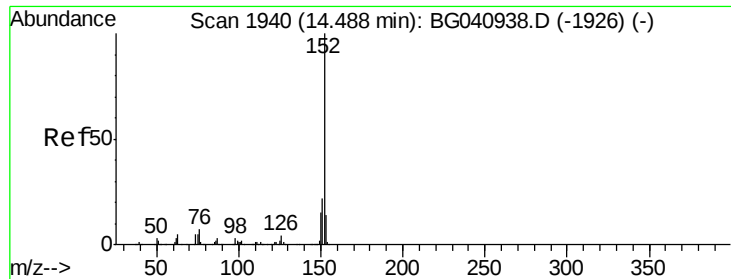
#48
 2-Nitroaniline
 Concen: 44.283 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Resp	Lower	Upper
65	128369		
92	64.7	51.0	76.6
138	90.4	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): E





#49

Acenaphthylene

Concen: 46.112 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

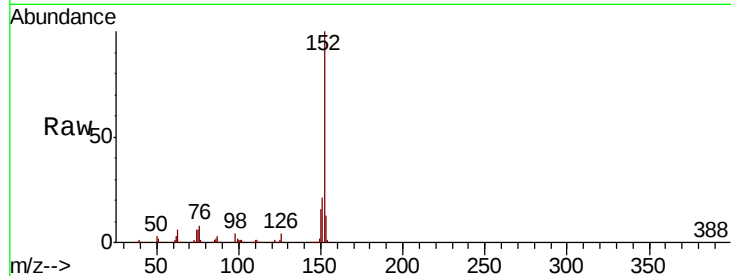
Tgt Ion:152 Resp: 560783

Ion Ratio Lower Upper

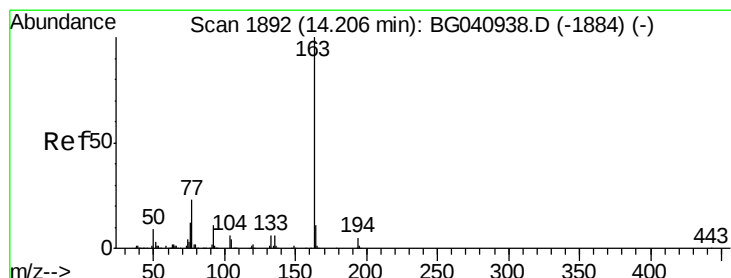
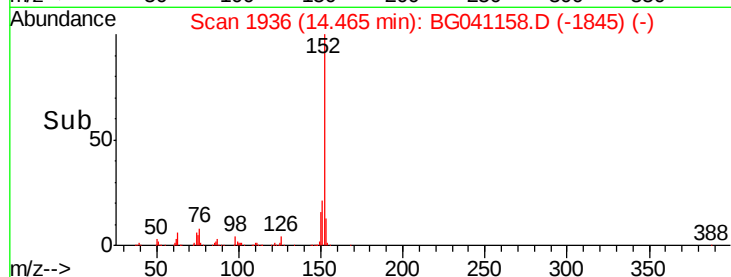
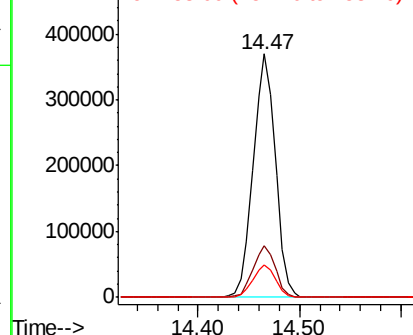
152 100

151 21.2 17.4 26.0

153 13.5 11.0 16.4



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



#50

Dimethylphthalate

Concen: 43.967 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

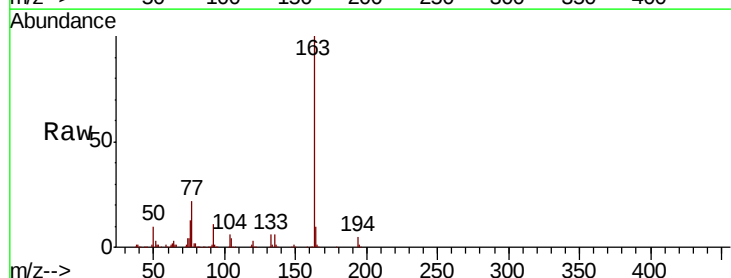
Tgt Ion:163 Resp: 473252

Ion Ratio Lower Upper

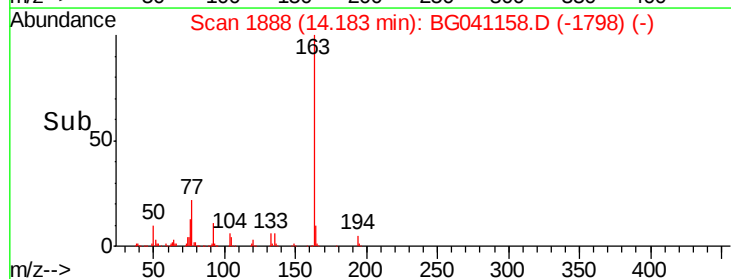
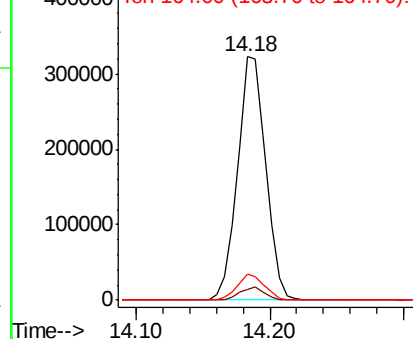
163 100

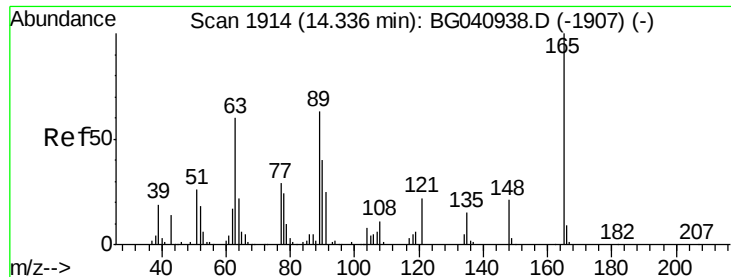
194 4.5 3.8 5.8

164 10.5 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

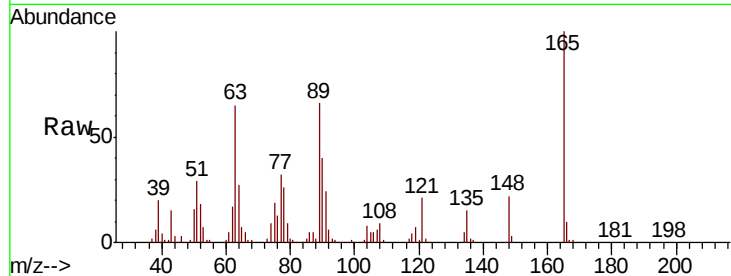




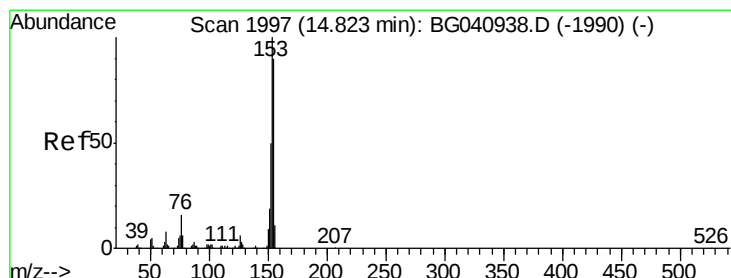
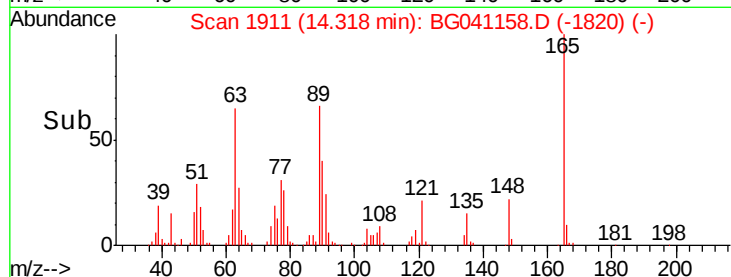
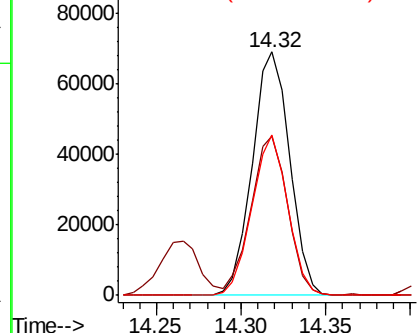
#51
2,6-Dinitrotoluene
Concen: 45.617 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion:165 Resp: 105867
Ion Ratio Lower Upper
165 100
63 65.3 53.6 80.4
89 65.7 50.4 75.6

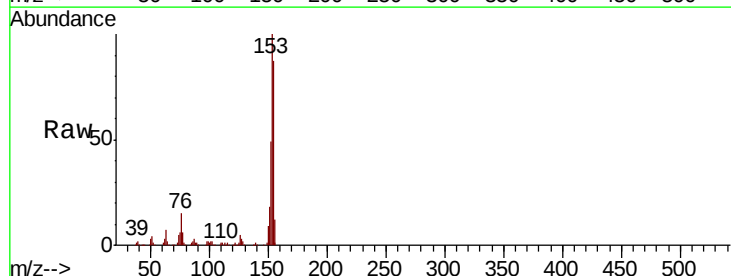


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

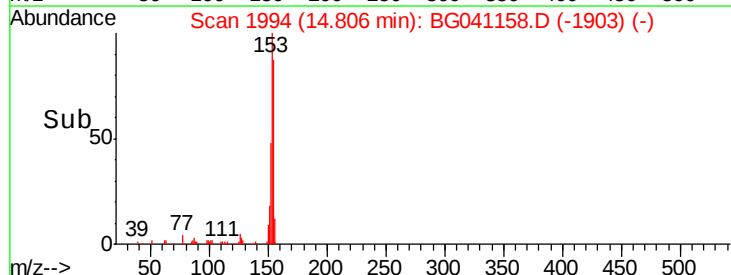
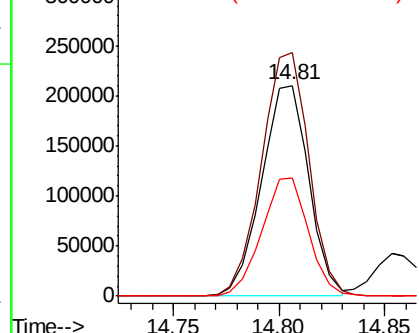


#52
Acenaphthene
Concen: 44.380 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:154 Resp: 326963
Ion Ratio Lower Upper
154 100
153 115.5 88.6 133.0
152 56.2 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

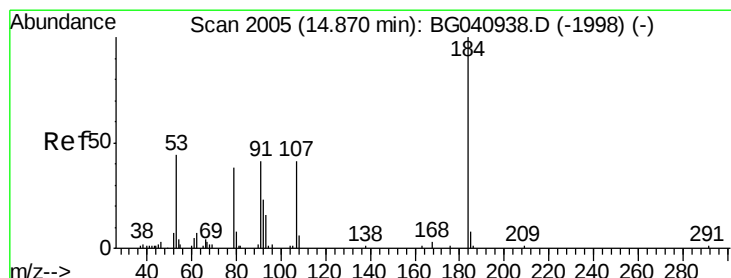
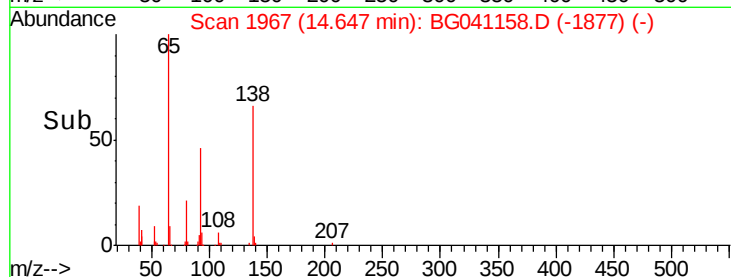
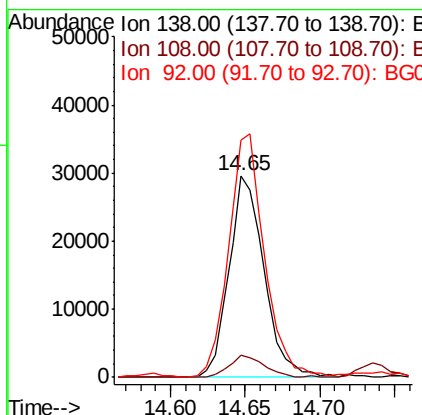
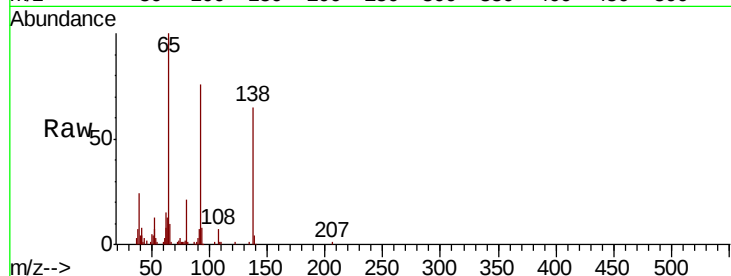




#53
3-Nitroaniline
Concen: 20.971 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

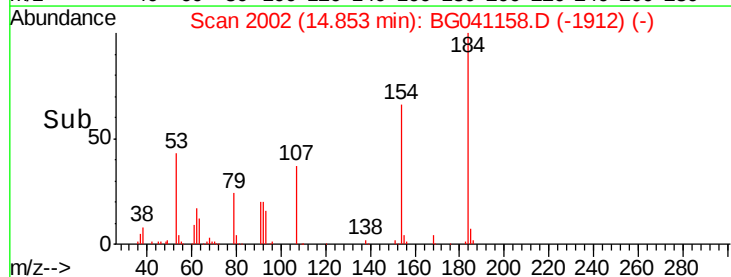
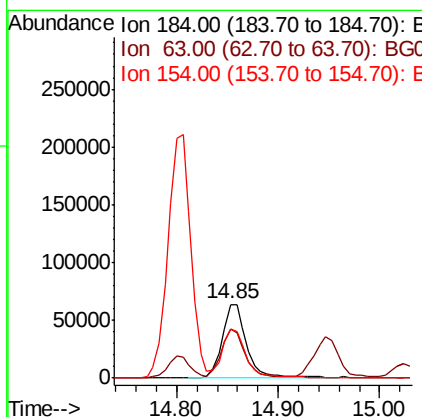
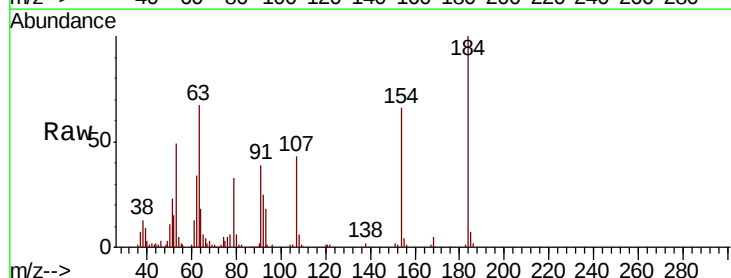
Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion:138 Resp: 48667
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 117.7 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 86.111 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:184 Resp: 107610
Ion Ratio Lower Upper
184 100
63 66.9 49.8 74.6
154 66.2 52.2 78.4

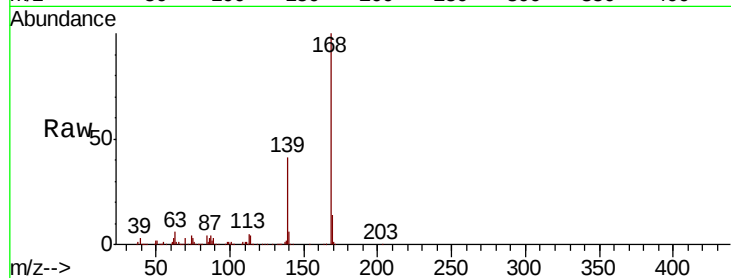




#55
Dibenzenofuran
Concen: 45.966 ng
RT: 15.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.8	49.2
169	13.9	11.3	16.9

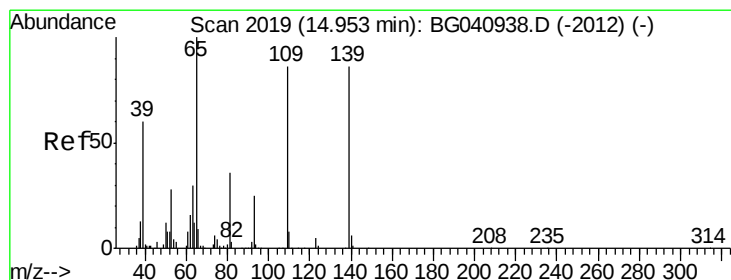
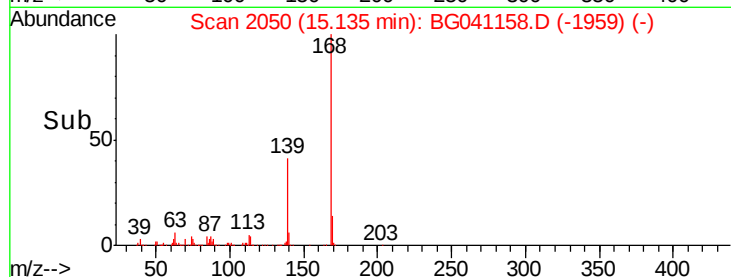
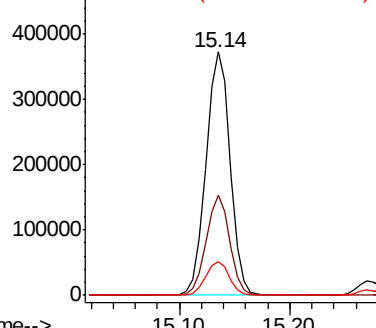


Abundance

Ion 168.00 (167.70 to 168.70): E

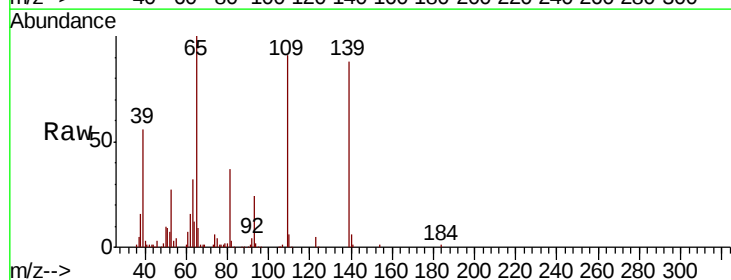
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 99.626 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.8	79.6	119.6
65	114.0	96.9	136.9

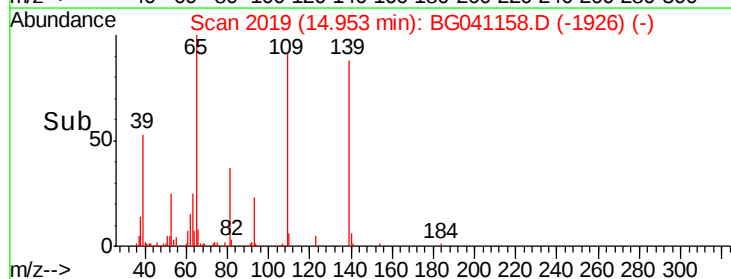
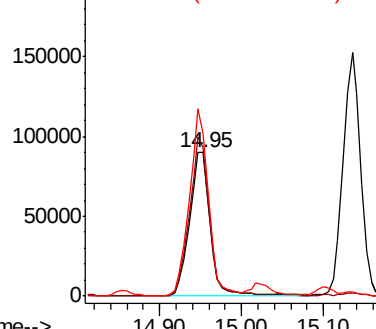


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

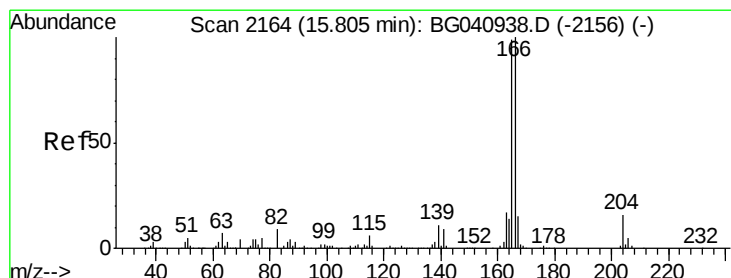
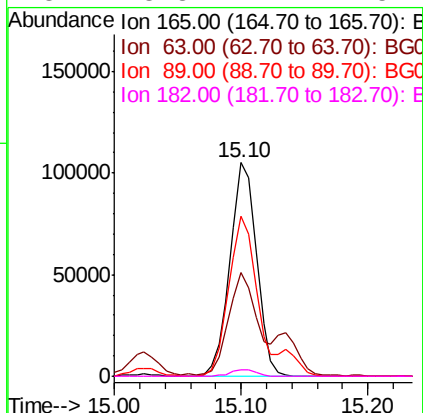
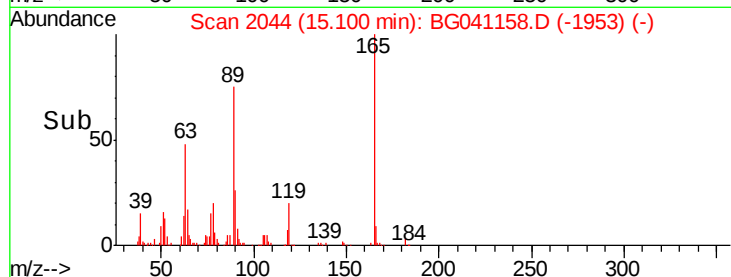
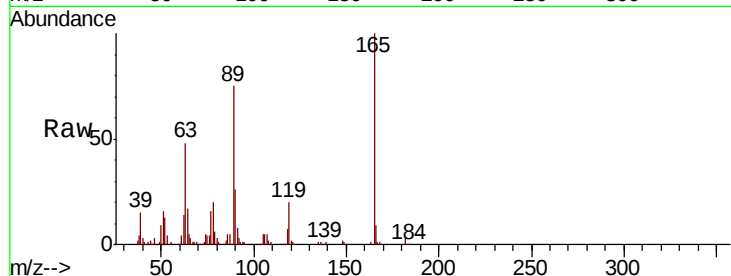




#57
2,4-Dinitrotoluene
Concen: 46.438 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

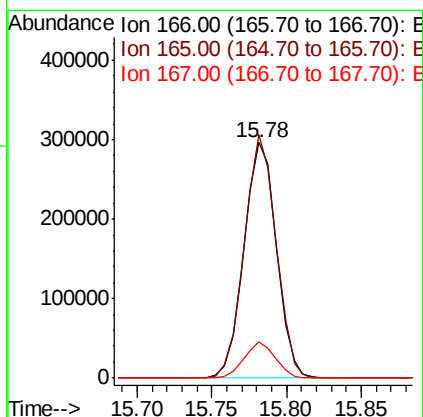
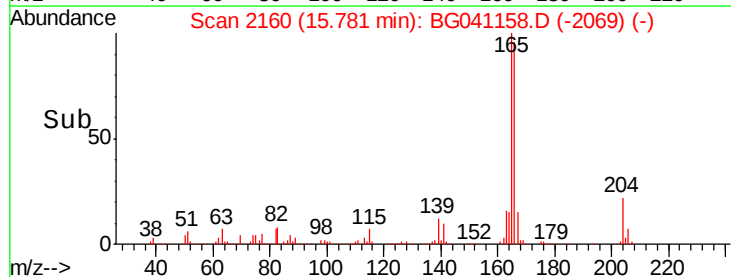
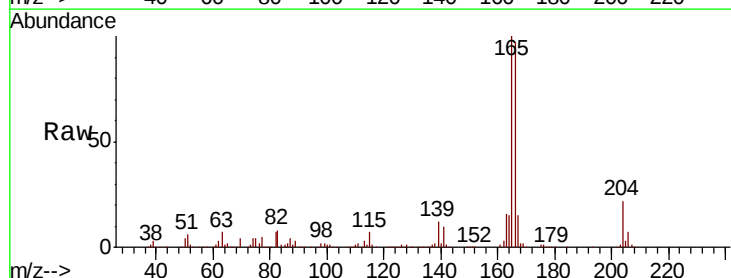
Instrument :
BNA_G
ClientSampleId :
PB120413BS

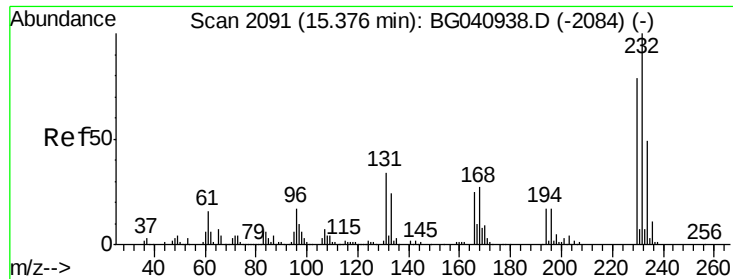
Tgt Ion:165 Resp: 152237
Ion Ratio Lower Upper
165 100
63 48.3 37.3 55.9
89 74.9 61.0 91.6
182 3.3 2.2 3.2#



#58
Fluorene
Concen: 44.861 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:166 Resp: 442893
Ion Ratio Lower Upper
166 100
165 103.5 79.2 118.8
167 15.3 11.8 17.6

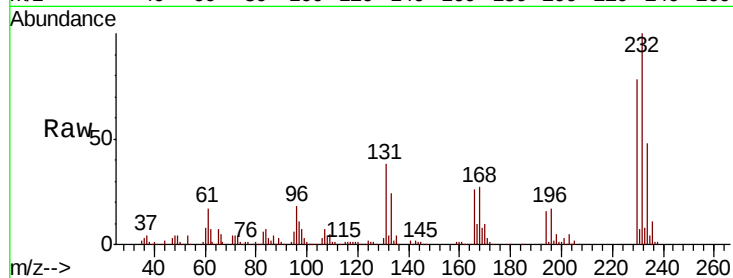




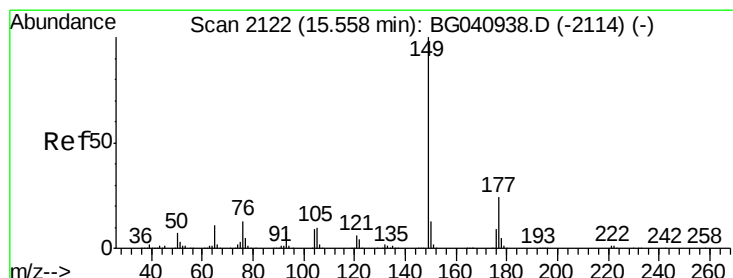
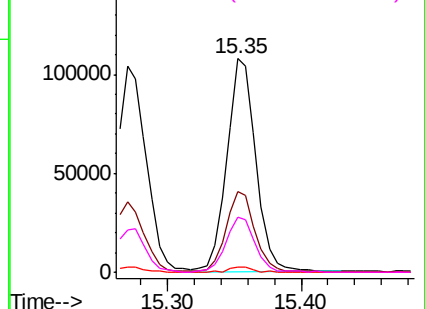
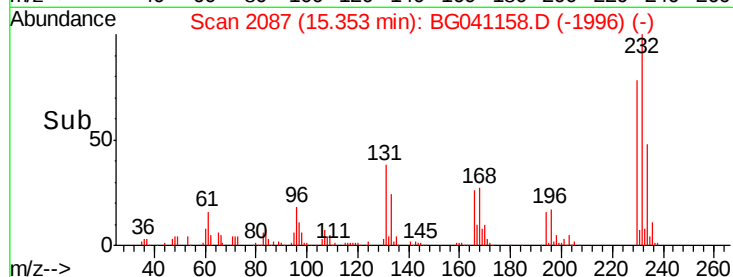
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.655 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tgt Ion:	232	Resp:	163756
Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.3	45.5
130	2.0	1.8	2.8
166	26.4	21.3	31.9

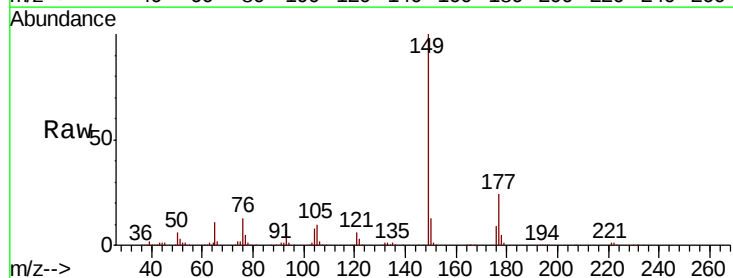


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

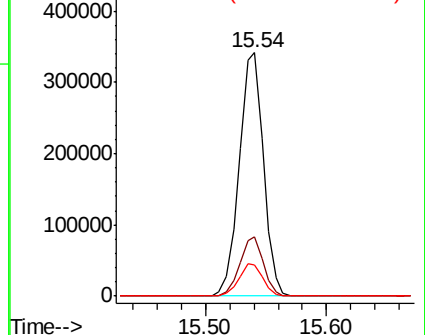
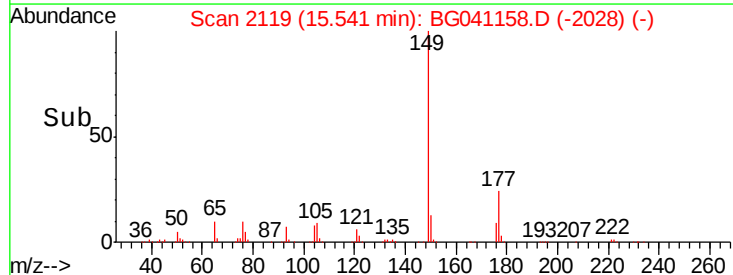


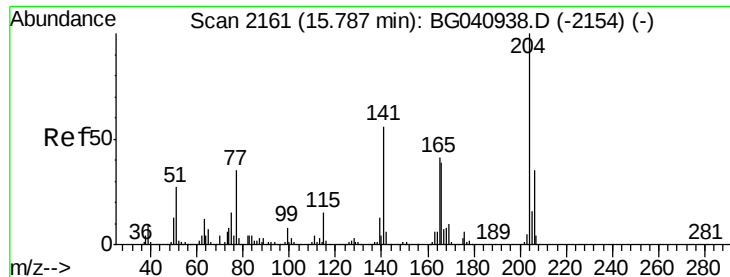
#60
 Diethylphthalate
 Concen: 43.440 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion:	149	Resp:	477179
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.0	10.3	15.5



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

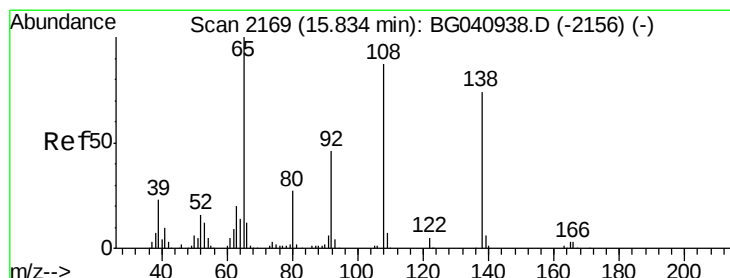
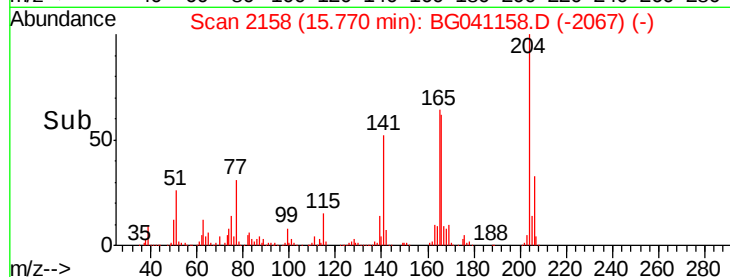
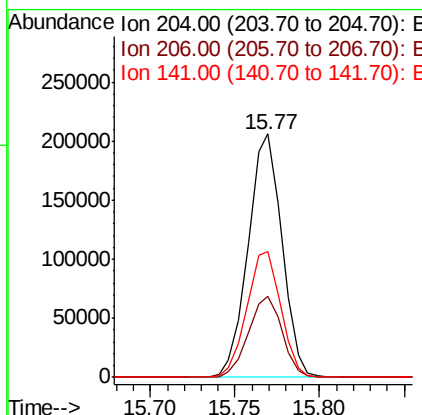
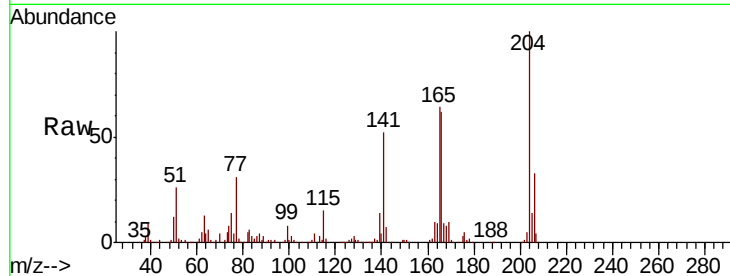




#61
 4-Chlorophenyl-phenylether
 Concen: 44.765 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

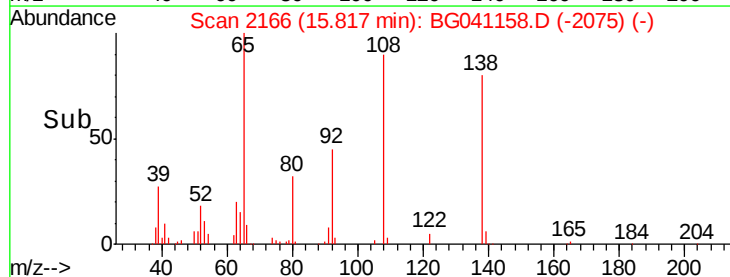
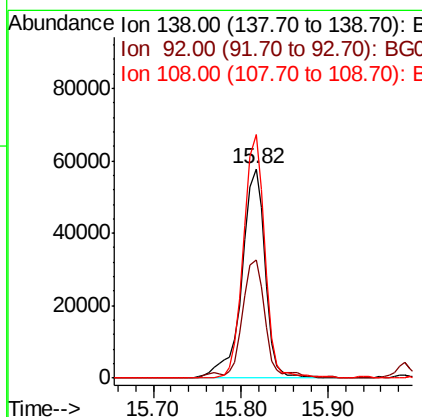
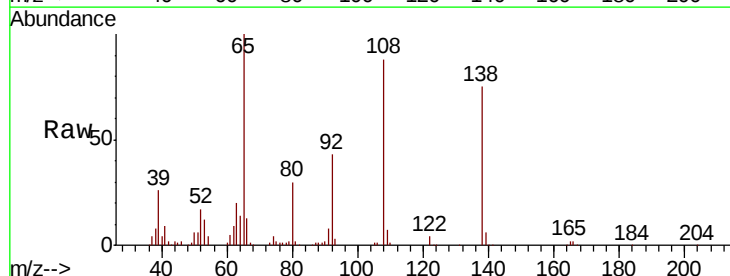
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tgt Ion: 204 Resp: 287254
 Ion Ratio Lower Upper
 204 100
 206 33.5 27.6 41.4
 141 51.8 45.1 67.7



#62
 4-Nitroaniline
 Concen: 41.978 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion: 138 Resp: 103133
 Ion Ratio Lower Upper
 138 100
 92 56.6 42.4 82.4
 108 116.4 96.9 136.9

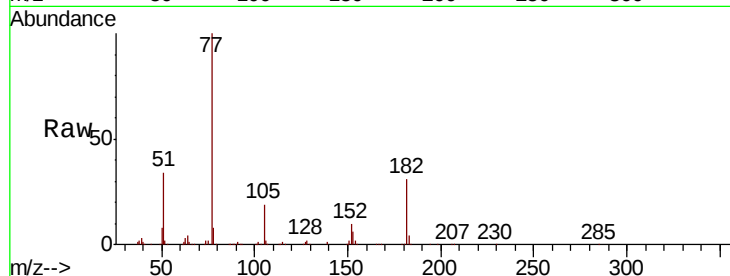




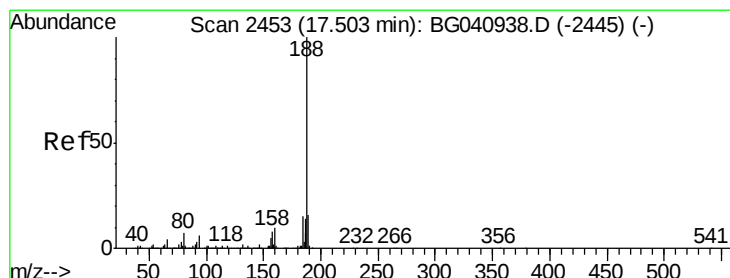
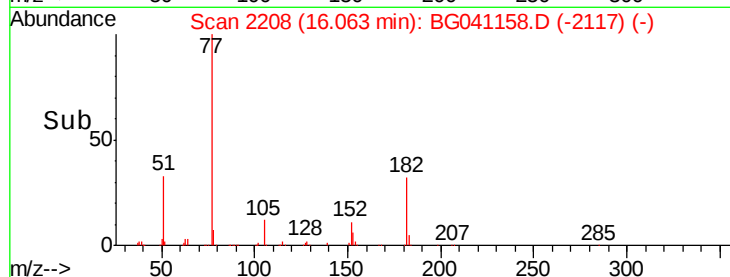
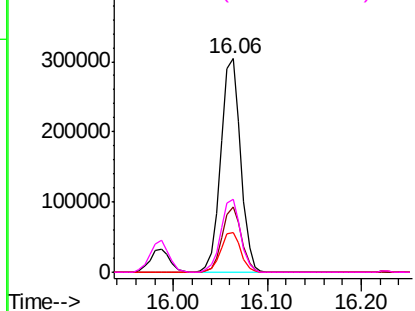
#63
Azobenzene
Concen: 44.728 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion:	77	Resp:	446564
Ion	Ratio	Lower	Upper
77	100		
182	30.8	9.6	49.6
105	18.7	0.0	37.5
51	34.0	13.7	53.7

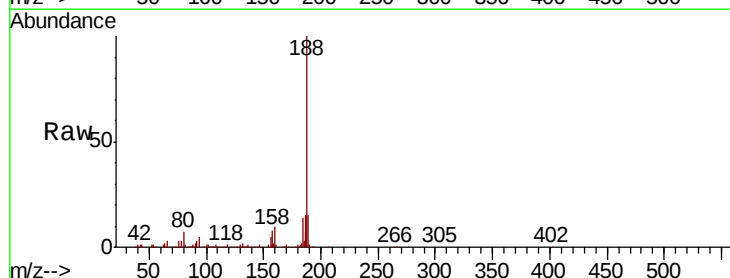


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

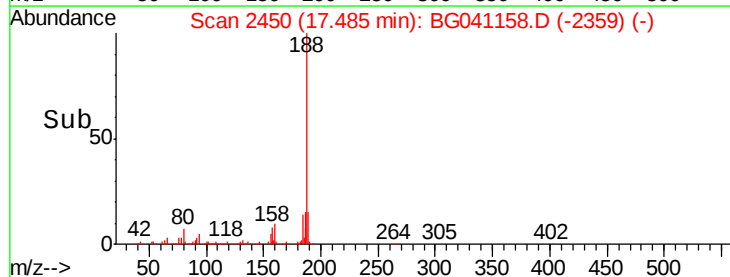
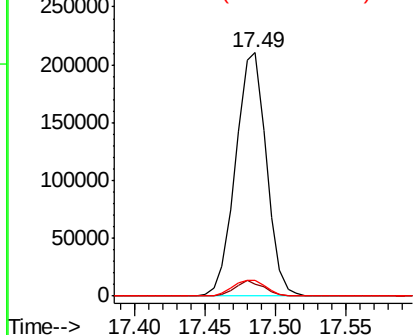


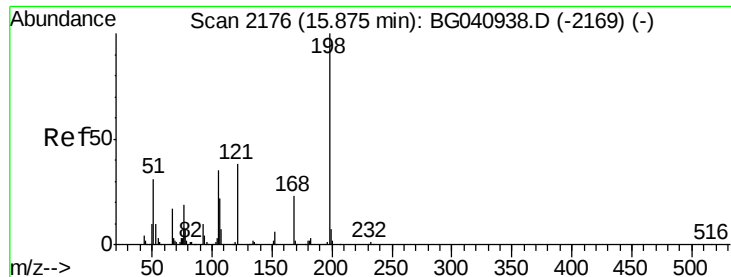
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:	188	Resp:	320377
Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.7	7.1
80	6.7	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

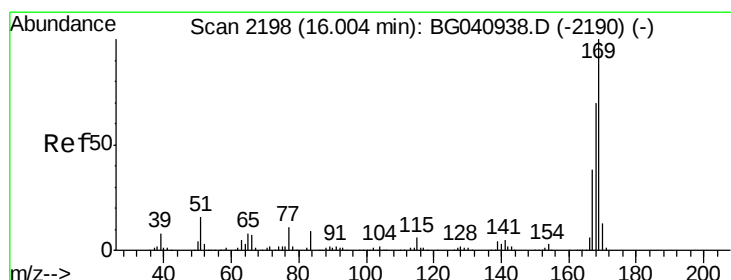
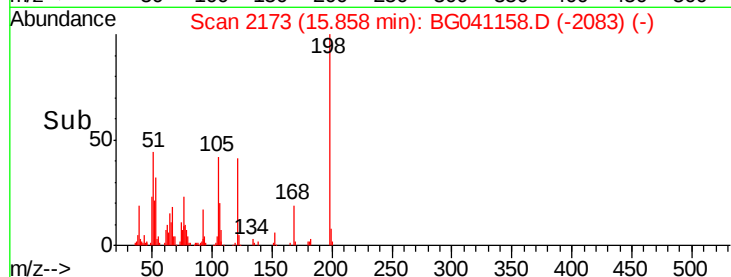
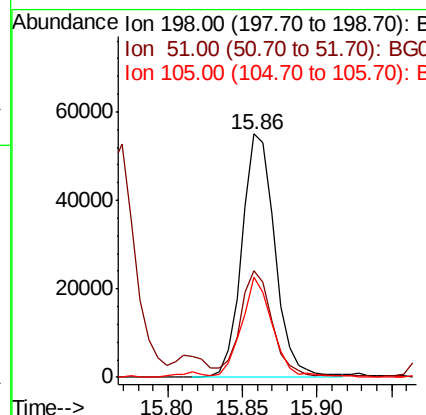
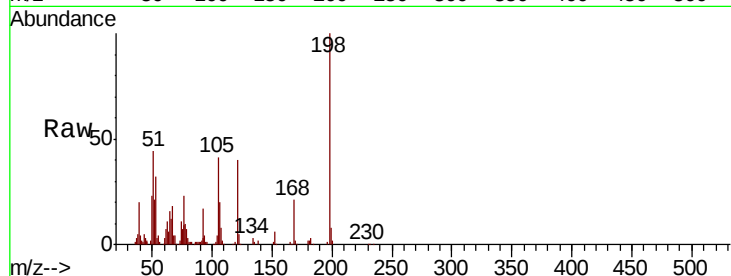




#65
4,6-Dinitro-2-methylphenol
Concen: 48.952 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

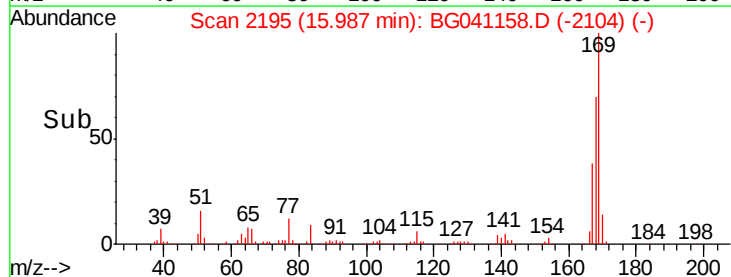
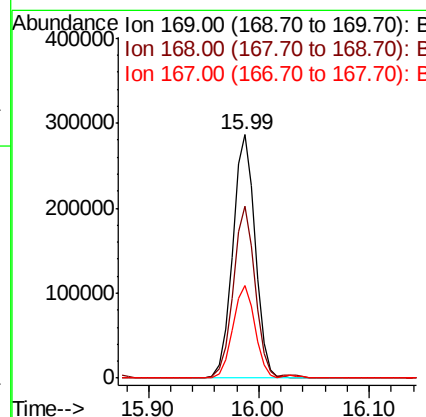
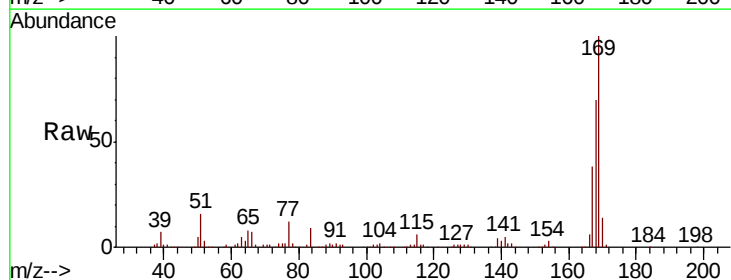
Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.9	21.6	61.6
105	41.2	17.5	57.5



#66
n-Nitrosodiphenylamine
Concen: 45.346 ng
RT: 15.99 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.7	83.5
167	37.9	30.2	45.2

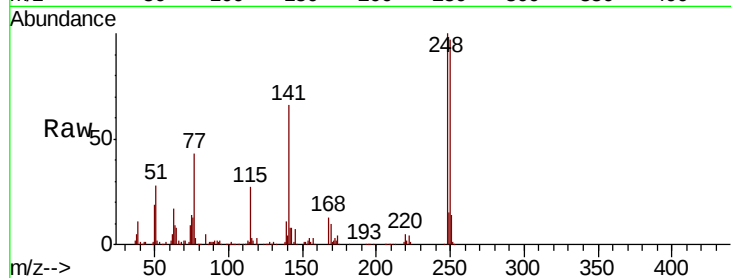




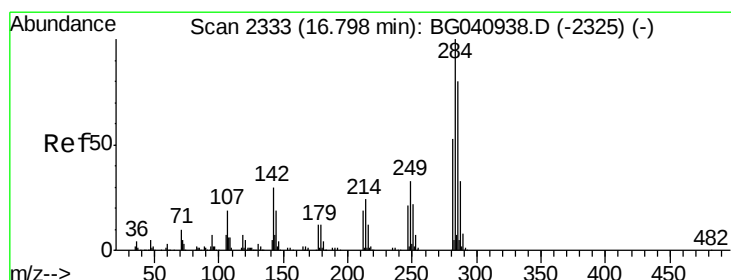
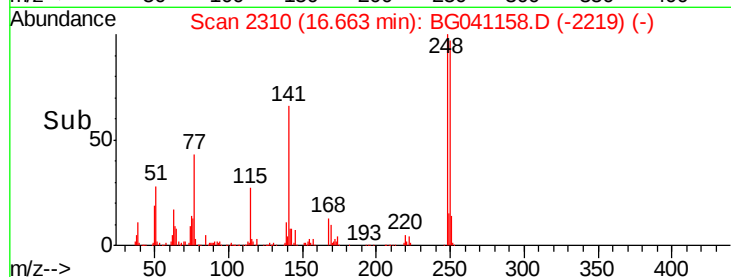
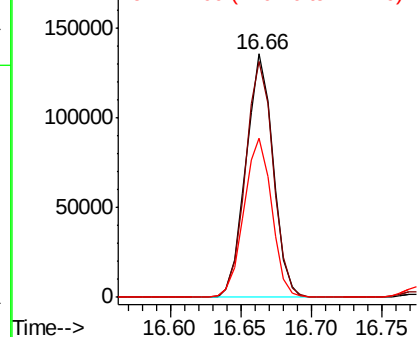
#67
4-Bromophenyl-phenylether
Concen: 42.433 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion:248 Resp: 183464
Ion Ratio Lower Upper
248 100
250 96.8 75.0 112.4
141 65.6 52.4 78.6

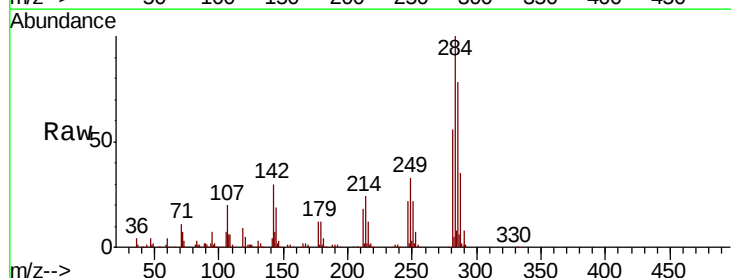


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

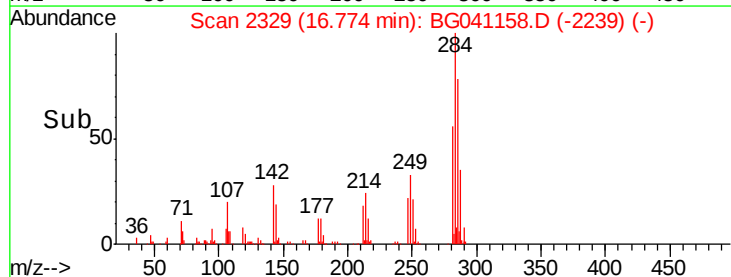
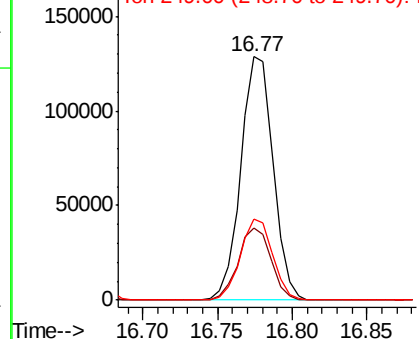


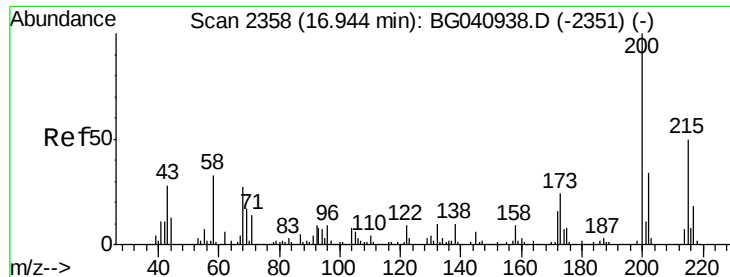
#68
Hexachlorobenzene
Concen: 41.953 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:284 Resp: 193149
Ion Ratio Lower Upper
284 100
142 29.7 23.9 35.9
249 33.4 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: 49.408 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

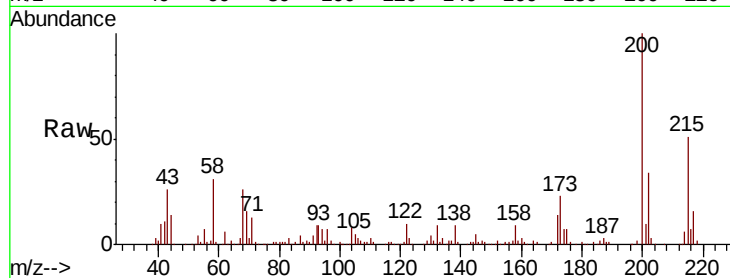
Tgt Ion:200 Resp: 171698

Ion Ratio Lower Upper

200 100

173 22.7 3.6 43.6

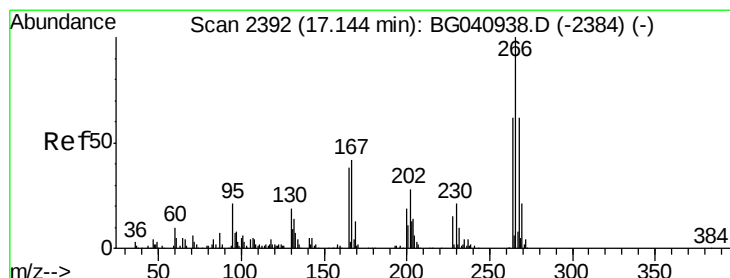
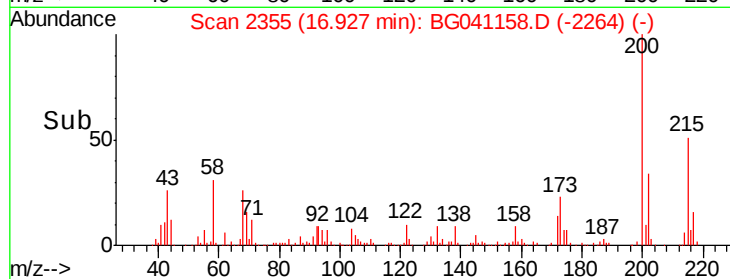
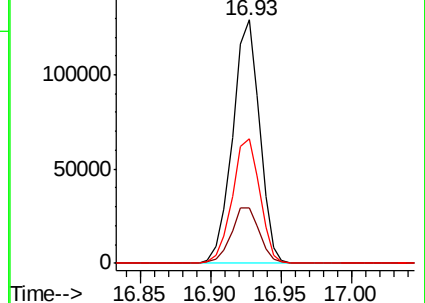
215 51.3 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.798 ng

RT: 17.13 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

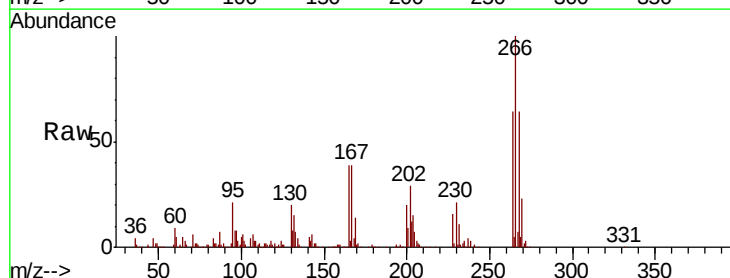
Tgt Ion:266 Resp: 217621

Ion Ratio Lower Upper

266 100

268 63.8 53.1 79.7

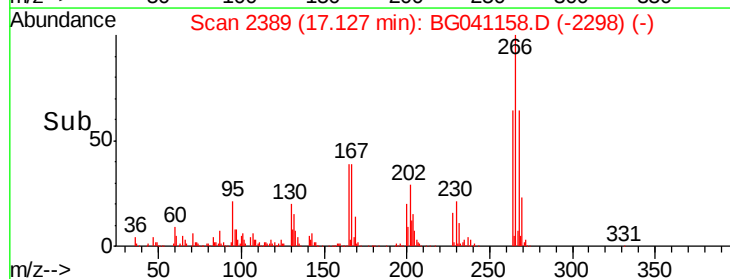
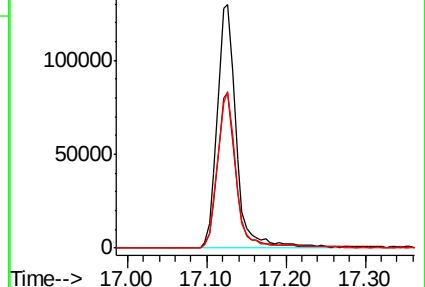
264 64.2 49.9 74.9

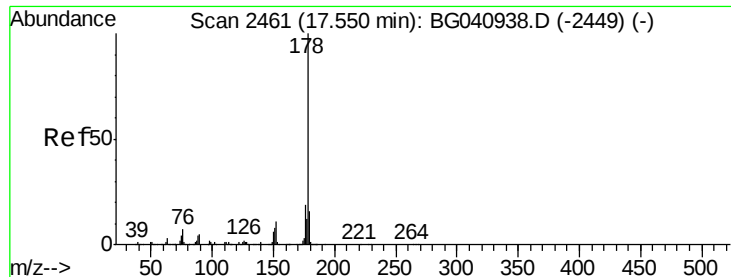


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

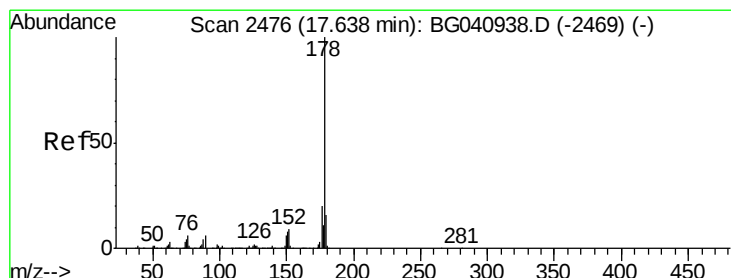
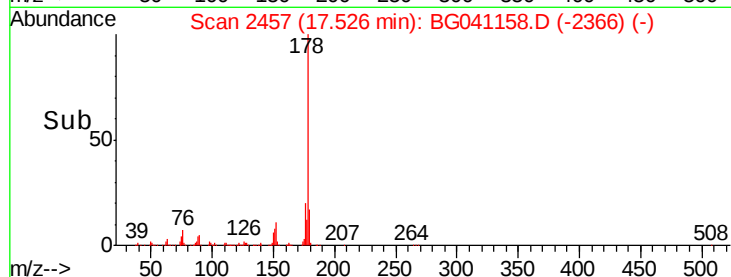
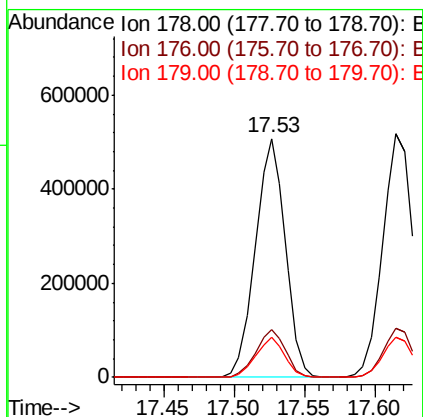
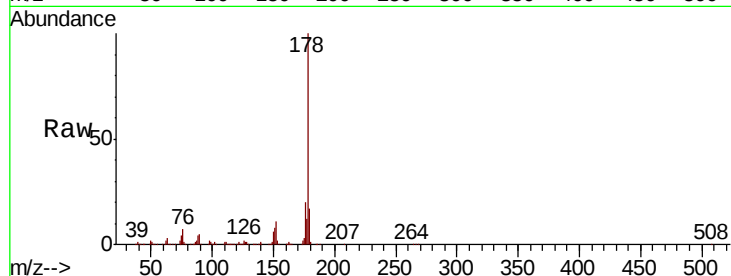




#71
 Phenanthrene
 Concen: 45.454 ng
 RT: 17.53 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

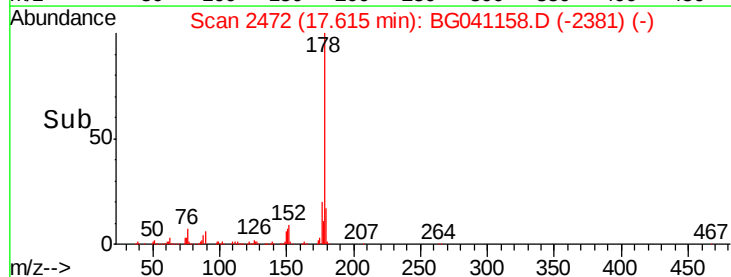
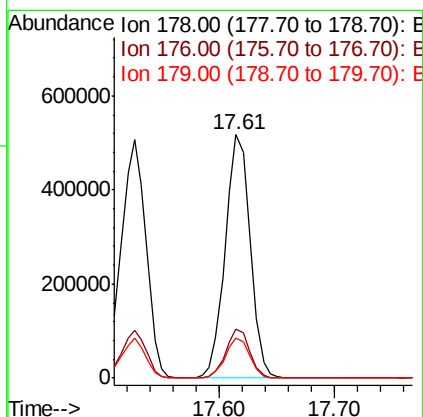
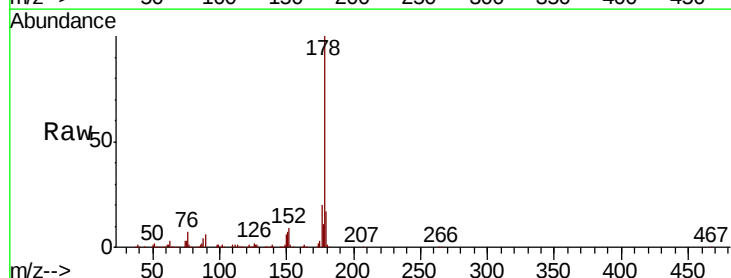
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

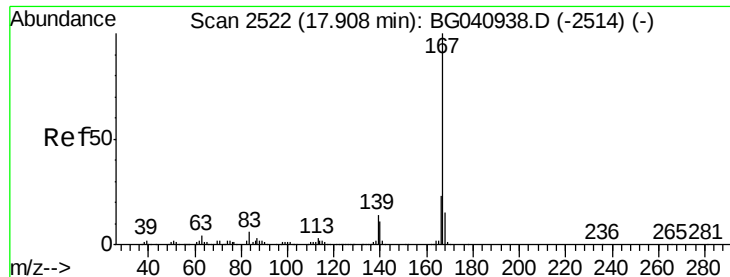
Tgt Ion:178 Resp: 758538
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.5 23.3
 179 16.6 12.7 19.1



#72
 Anthracene
 Concen: 47.115 ng
 RT: 17.61 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion:178 Resp: 775453
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 16.7 13.0 19.4

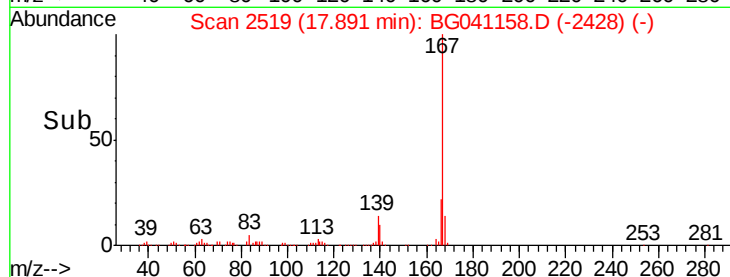
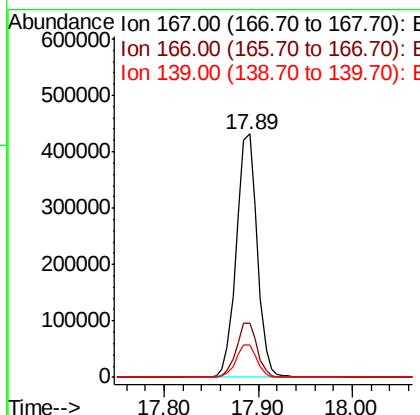
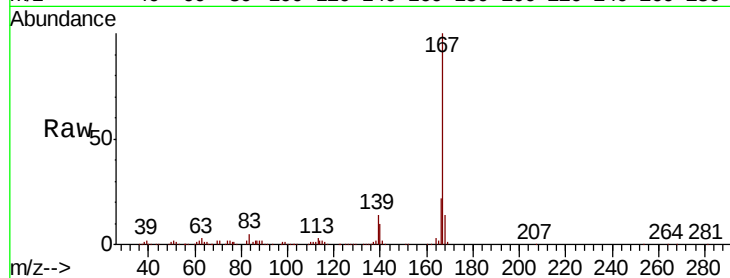




#73
 Carbazole
 Concen: 47.049 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

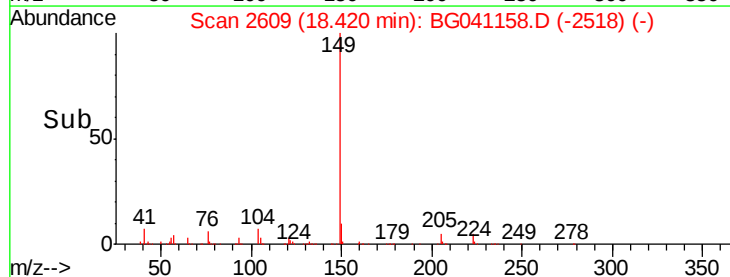
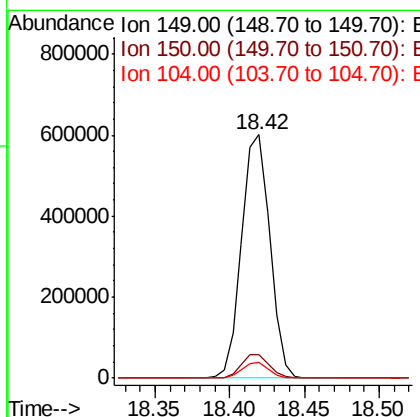
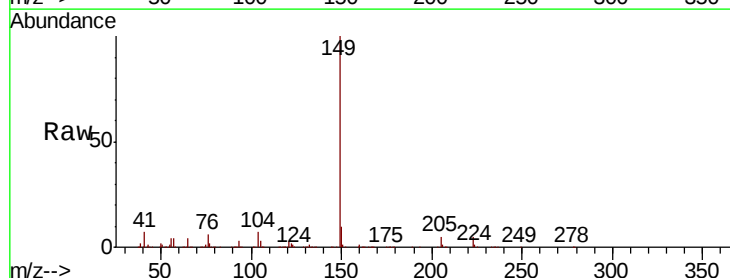
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

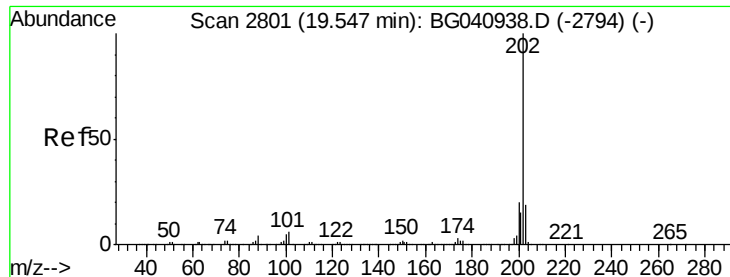
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 45.052 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 47.565 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

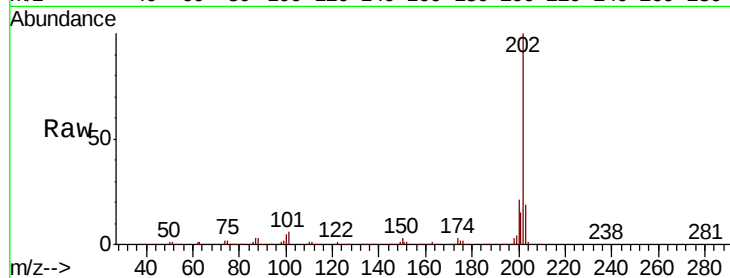
Tgt Ion:202 Resp: 980420

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.2

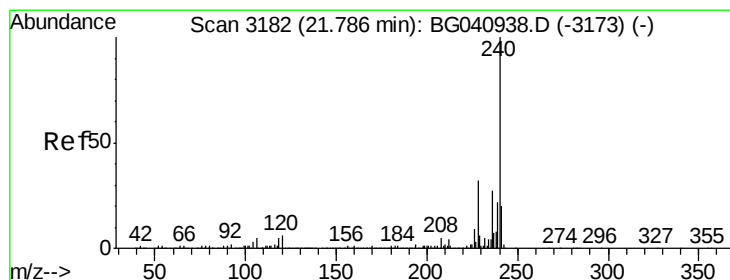
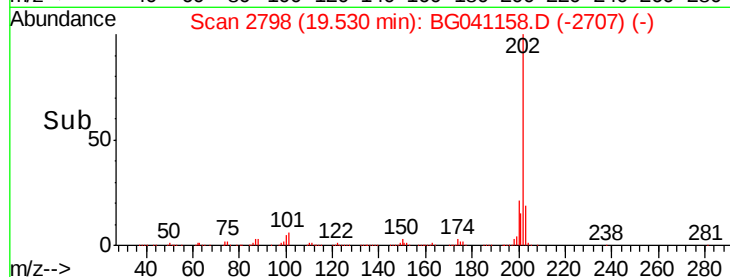
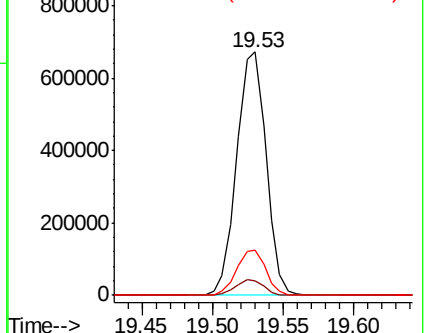
203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

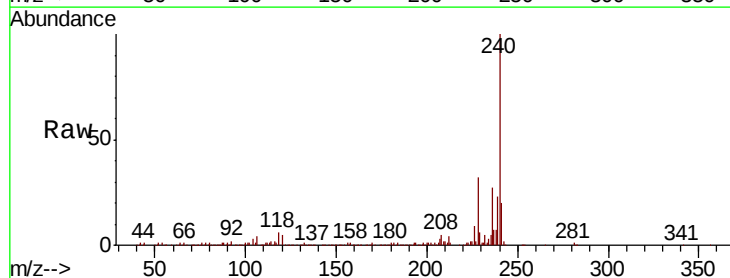
Tgt Ion:240 Resp: 323247

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

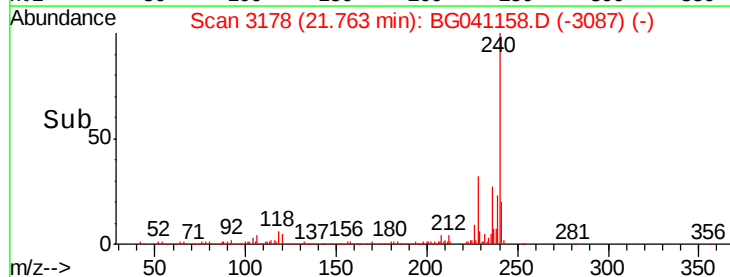
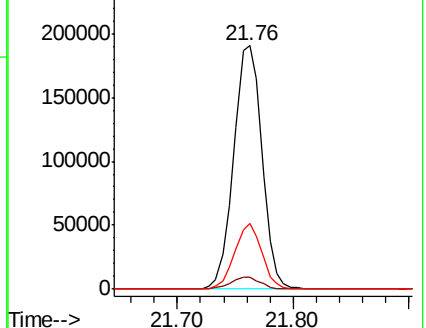
236 27.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.188 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

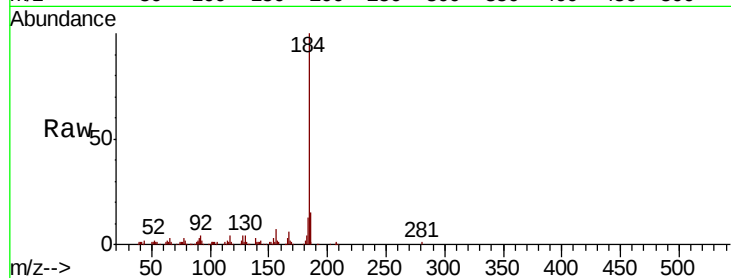
Tgt Ion:184 Resp: 147963

Ion Ratio Lower Upper

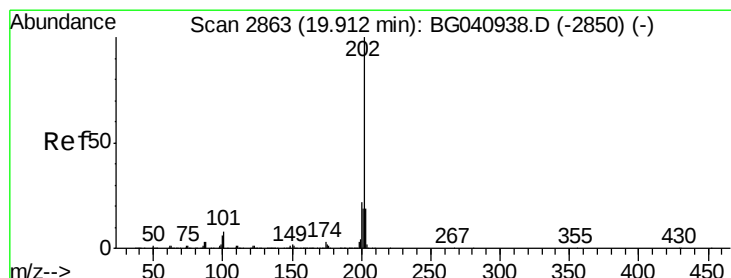
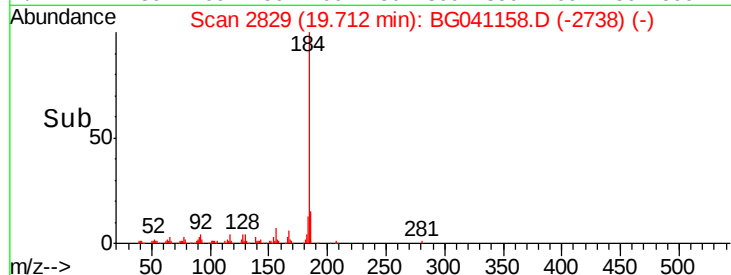
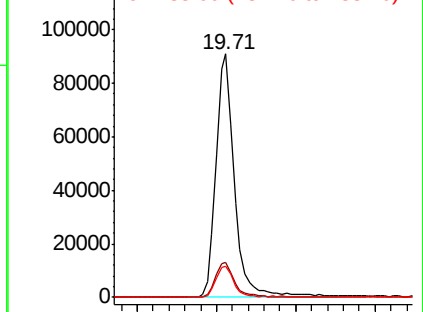
184 100

185 14.5 13.3 19.9

183 12.7 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.824 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

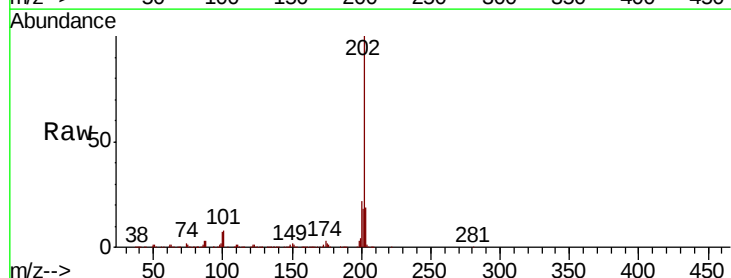
Tgt Ion:202 Resp: 983928

Ion Ratio Lower Upper

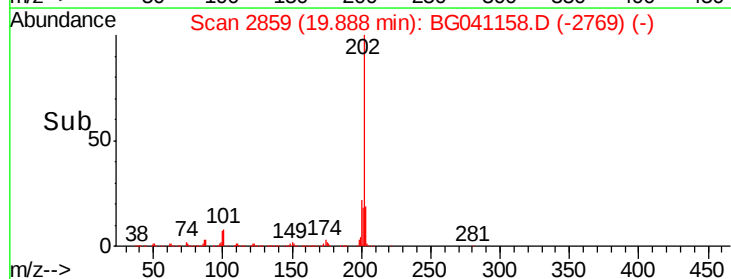
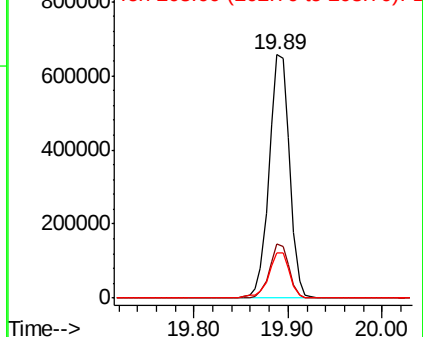
202 100

200 22.2 17.5 26.3

203 18.6 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.739 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

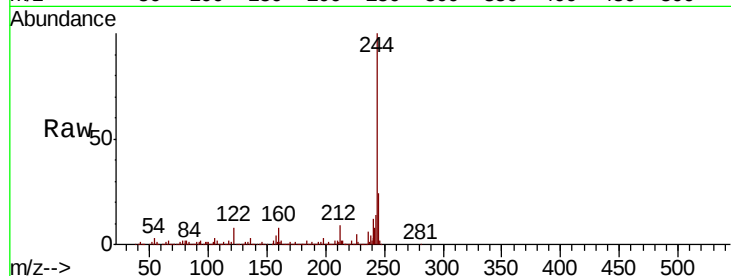
Tgt Ion:244 Resp: 1458175

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

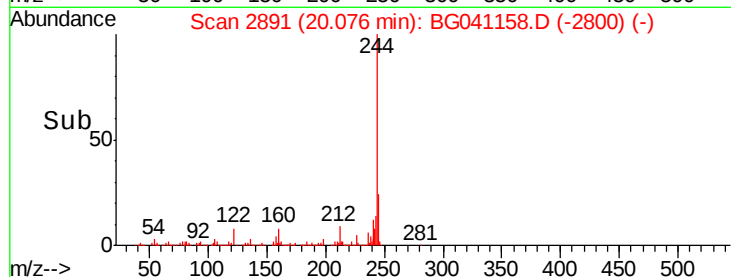
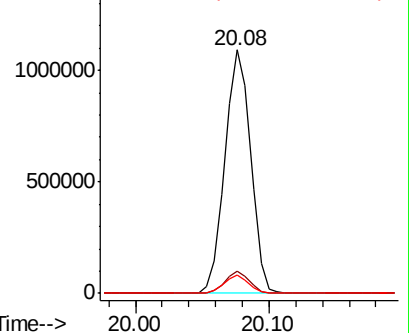
122 7.6 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.413 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

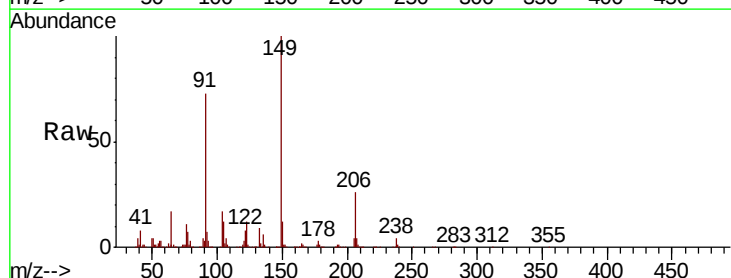
Tgt Ion:149 Resp: 371364

Ion Ratio Lower Upper

149 100

91 72.7 56.5 84.7

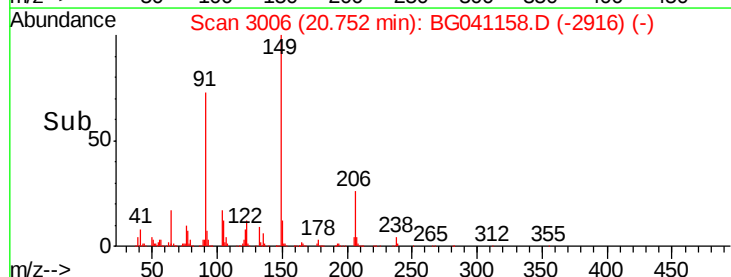
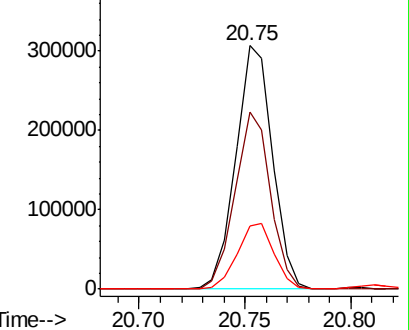
206 25.8 20.3 30.5

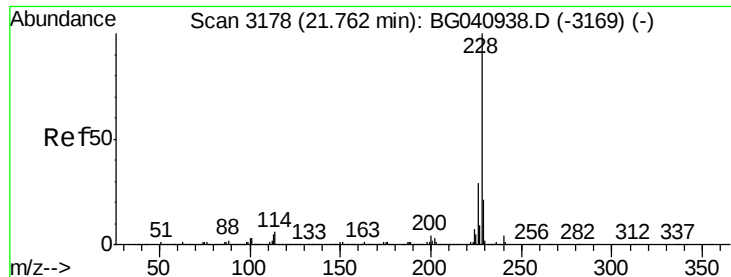


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.300 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

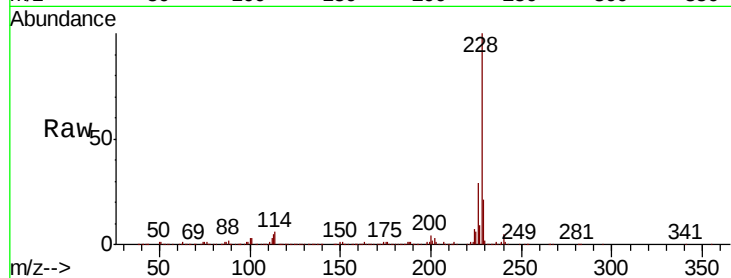
Instrument :

BNA_G

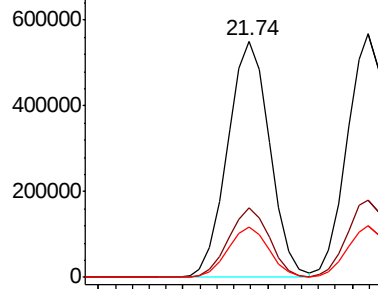
ClientSampleId :

PB120413BS

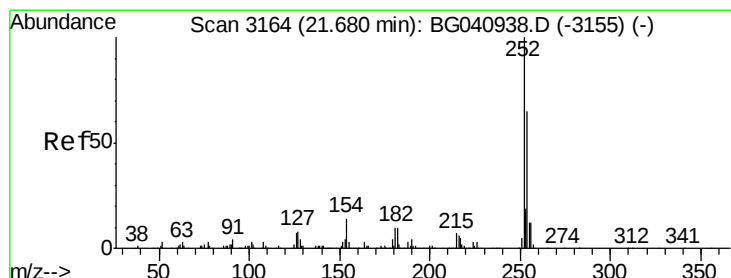
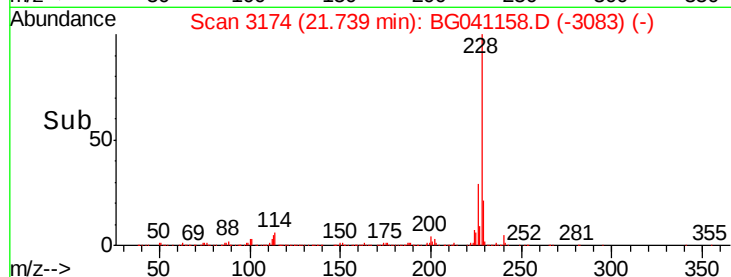
Tgt Ion:	228	Resp:	953227
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	21.2	16.7	25.1



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



Time--> 21.65 21.70 21.75 21.80



#82

3,3'-Dichlorobenzidine

Concen: 20.175 ng

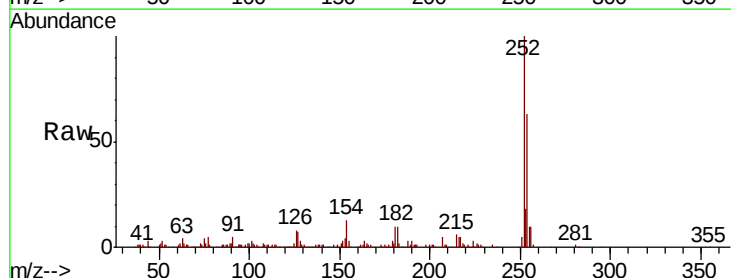
RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

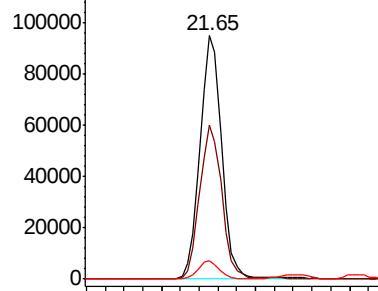
Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

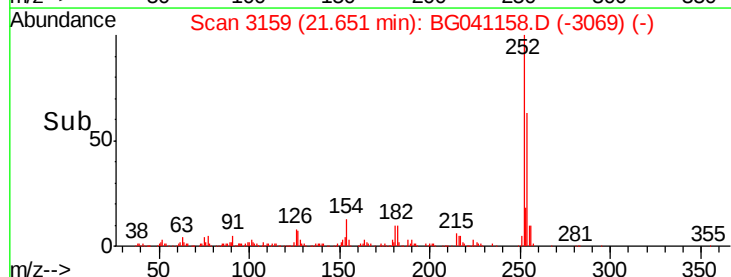
Tgt Ion:	252	Resp:	152689
Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	7.5	5.5	8.3



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



Time--> 21.60 21.70 21.80





#83

Chrysene

Concen: 45.615 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

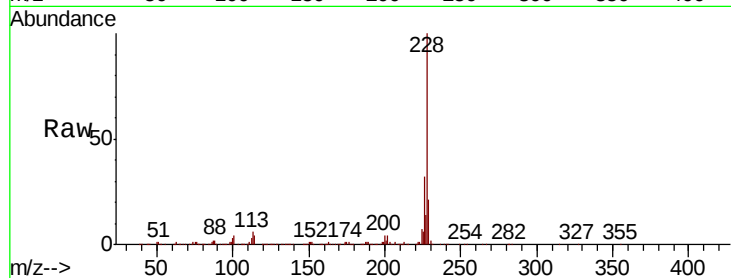
Tgt Ion:228 Resp: 939273

Ion Ratio Lower Upper

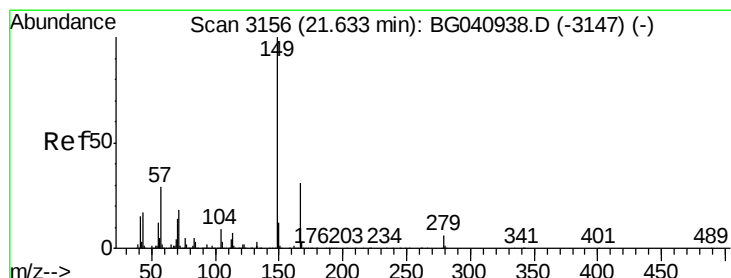
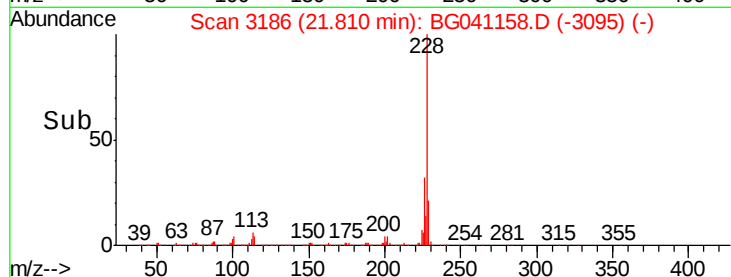
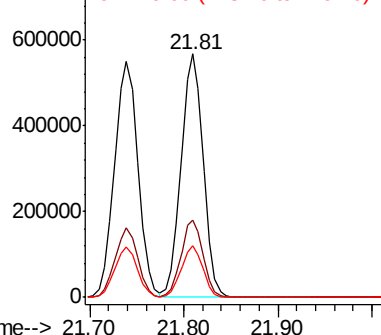
228 100

226 31.8 24.6 37.0

229 21.4 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: 45.413 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

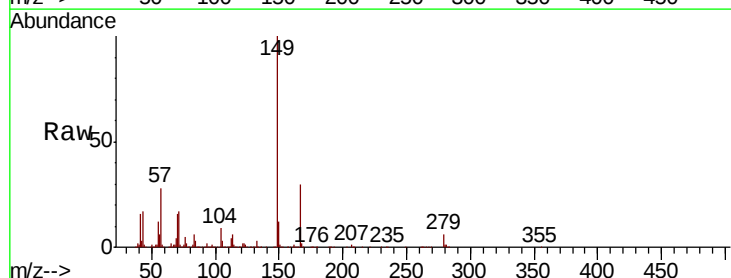
Tgt Ion:149 Resp: 522774

Ion Ratio Lower Upper

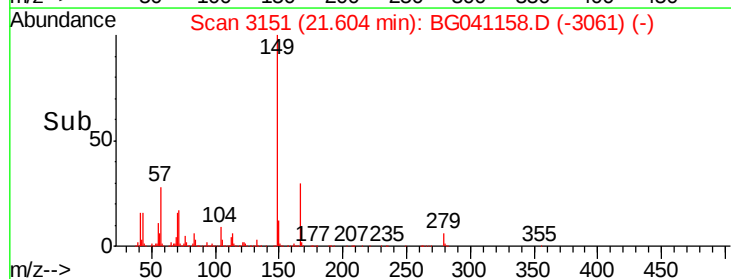
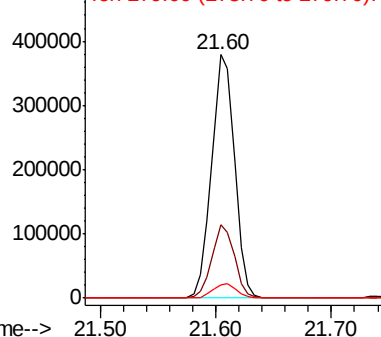
149 100

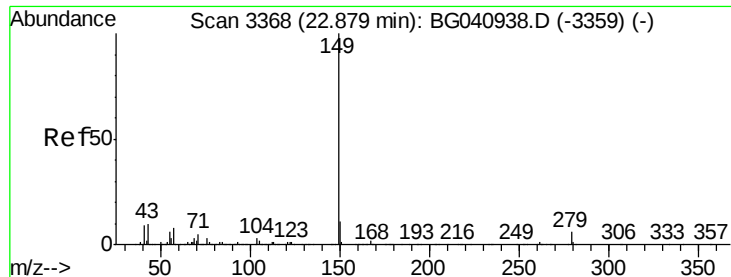
167 30.0 24.6 37.0

279 5.7 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.333 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

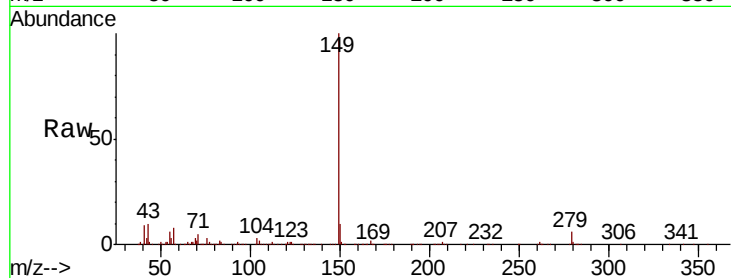
Tgt Ion:149 Resp: 888292

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

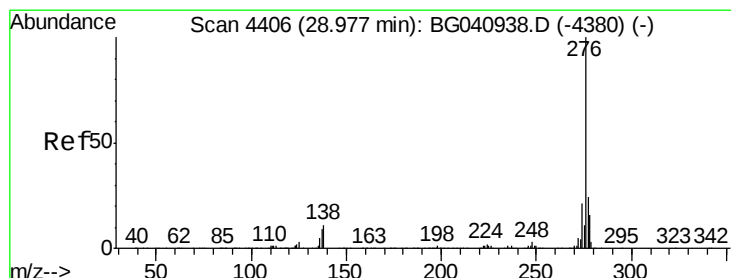
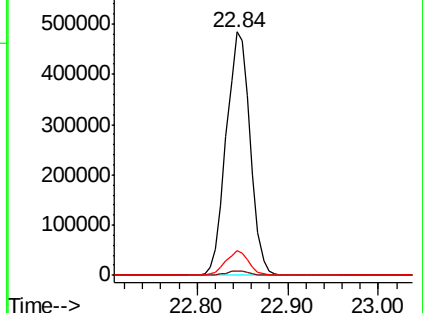
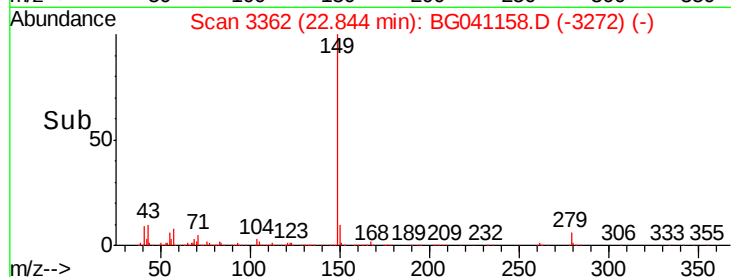
43 9.7 8.1 12.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.840 ng

RT: 28.91 min Scan# 4395

Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

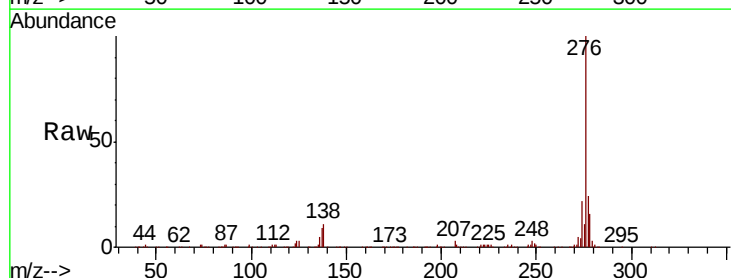
Tgt Ion:276 Resp: 1105810

Ion Ratio Lower Upper

276 100

138 9.0 5.7 8.5#

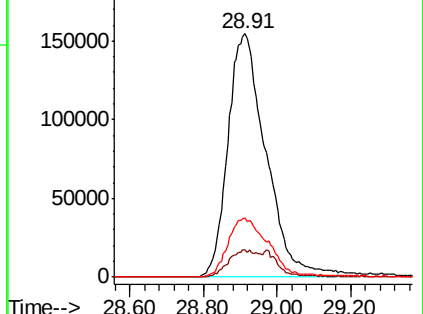
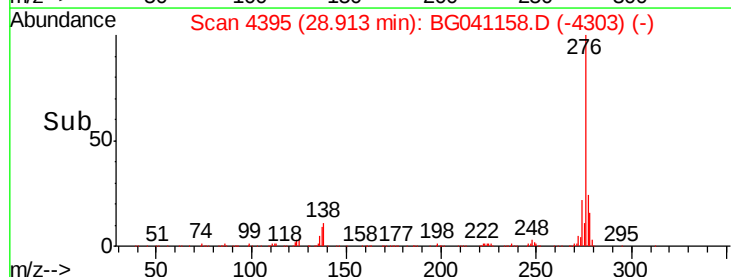
277 25.3 20.8 31.2

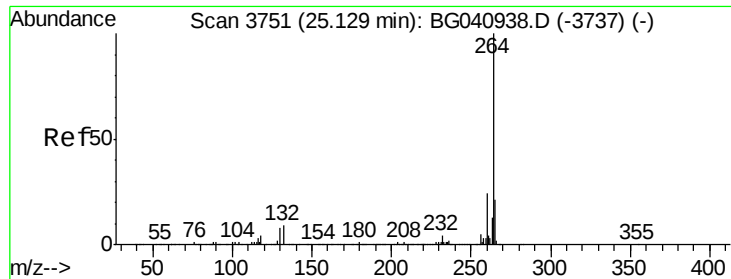


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

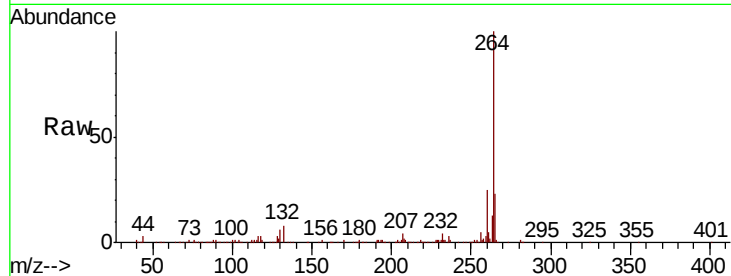
Tgt Ion:264 Resp: 345560

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.4

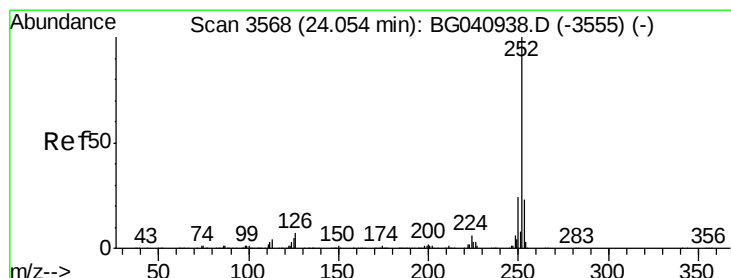
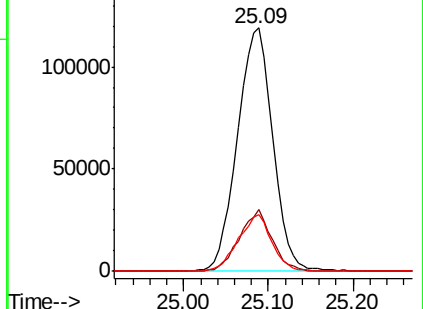
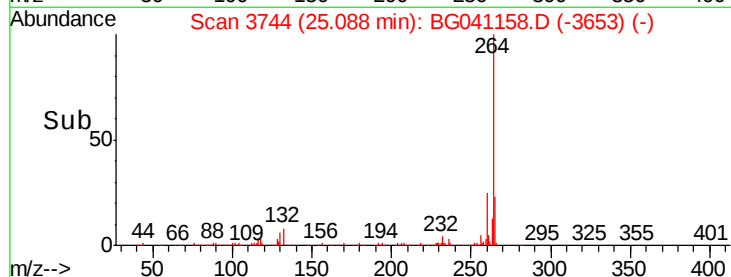
265 23.5 17.0 25.4



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: 46.018 ng

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

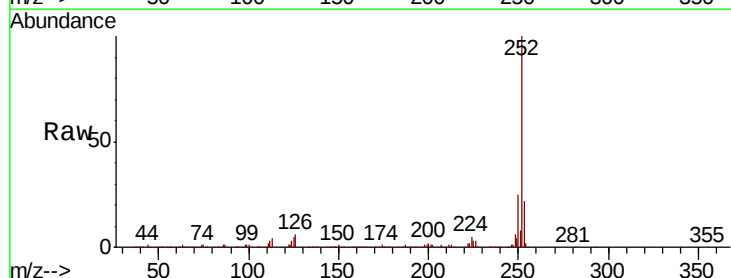
Tgt Ion:252 Resp: 964503

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

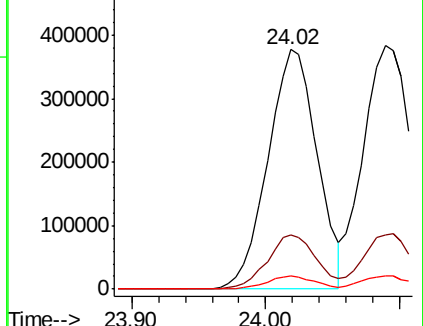
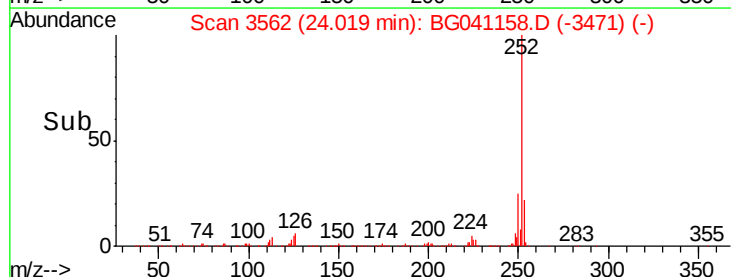
125 5.3 4.3 6.5

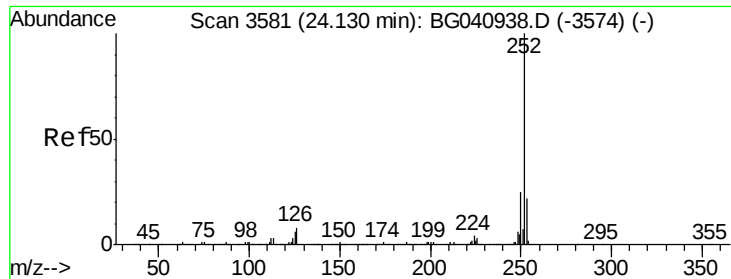


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

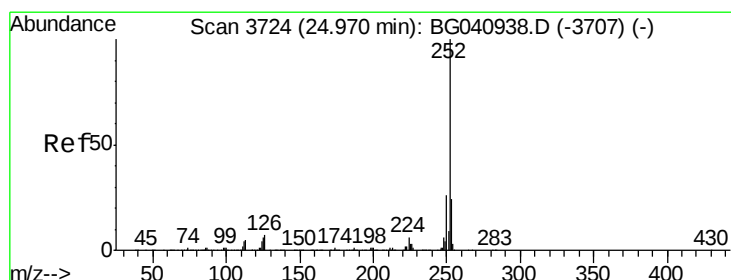
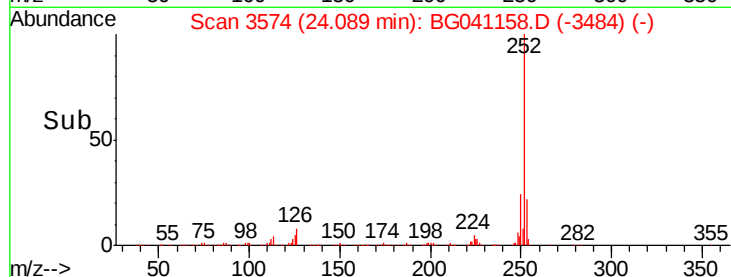
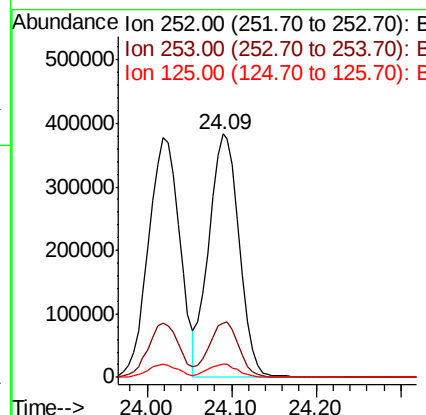
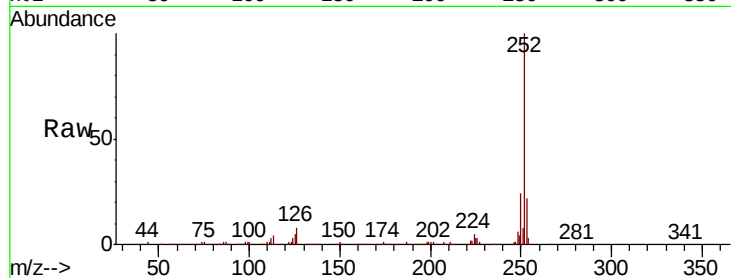




#89
Benzo(k)fluoranthene
Concen: 46.317 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

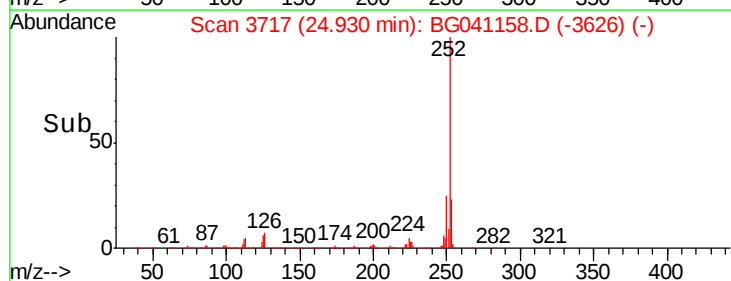
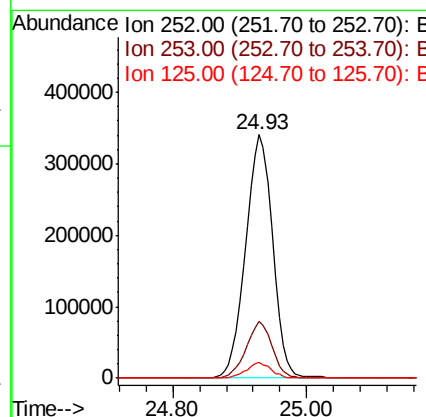
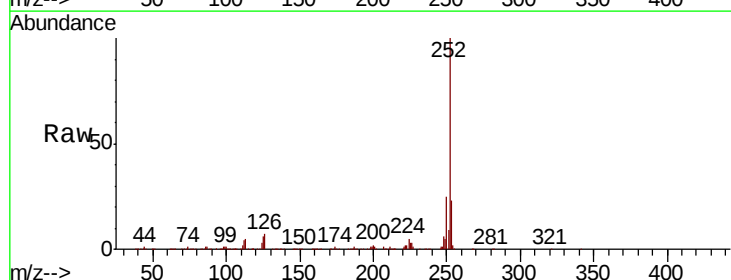
Instrument :
BNA_G
ClientSampleId :
PB120413BS

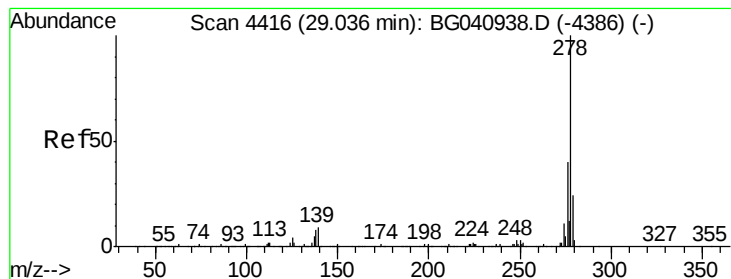
Tgt Ion: 252 Resp: 960659
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 5.2 4.7 7.1



#90
Benzo(a)pyrene
Concen: 47.370 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion: 252 Resp: 947252
Ion Ratio Lower Upper
252 100
253 23.1 19.5 29.3
125 6.4 5.1 7.7



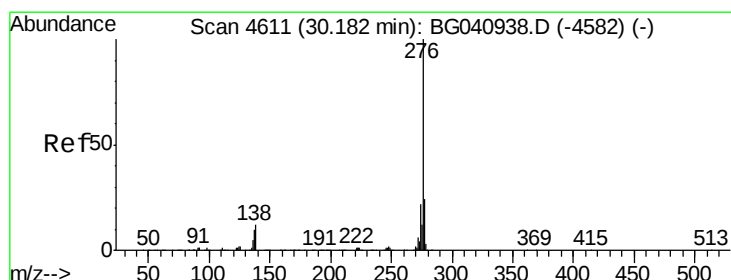
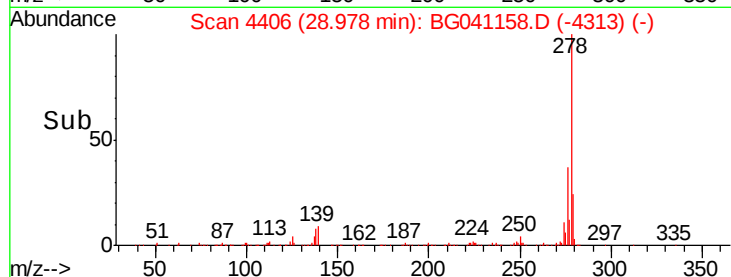
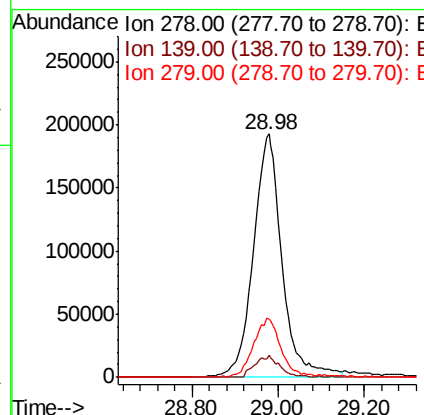
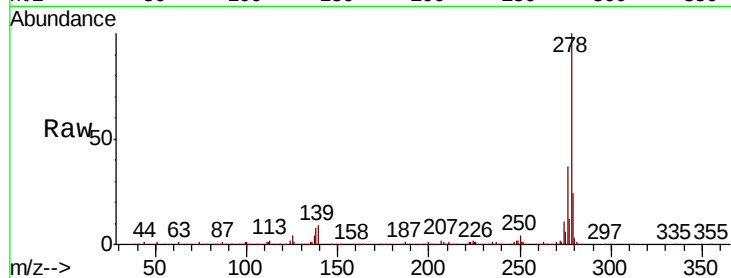


#91
Dibenzo(a,h)anthracene
Concen: 45.561 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tgt Ion: 278 Resp: 910350

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.1	10.7
279	23.7	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 45.982 ng
RT: 30.11 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion: 276 Resp: 892614

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	9.8	9.7	14.5

