

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041206.D
 Acq On : 12 Jun 2019 15:01
 Operator : HP/JU
 Sample : K3283-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Quant Time: Jun 13 05:34:43 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	40538	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166823	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	128939	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308763	20.00	ng	0.00
76) Chrysene-d12	21.76	240	307396	20.00	ng	0.00
87) Perylene-d12	25.09	264	325829	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	292261	130.00	ng	0.00
7) Phenol-d6	7.25	99	445683	128.37	ng	0.00
23) Nitrobenzene-d5	9.29	82	306285	81.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	238786	124.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	674829	75.37	ng	0.00
79) Terphenyl-d14	20.07	244	1169178	80.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	27479	26.937	ng	# 89
3) Pyridine	3.91	79	56703	18.785	ng	96
4) n-Nitrosodimethylamine	3.83	42	50574	36.100	ng	83
6) Aniline	7.43	93	87938	18.975	ng	99
8) 2-Chlorophenol	7.66	128	98095	36.601	ng	94
9) Benzaldehyde	7.24	77	26999	13.036	ng	85
10) Phenol	7.28	94	134165	36.040	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	85190	31.545	ng	94
12) 1,3-Dichlorobenzene	7.99	146	102037	31.876	ng	99
13) 1,4-Dichlorobenzene	8.14	146	103718	32.010	ng	96
14) 1,2-Dichlorobenzene	8.46	146	100850	32.056	ng	97
15) Benzyl Alcohol	8.35	79	108582	33.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	133063	30.153	ng	99
17) 2-Methylphenol	8.54	107	93604	34.728	ng	97
18) Hexachloroethane	9.19	117	39133	31.336	ng	87
19) n-Nitroso-di-n-propylamine	8.90	70	85603	32.039	ng	97
20) 3+4-Methylphenols	8.87	107	129269	34.623	ng	100
22) Acetophenone	8.93	105	164787	35.213	ng	# 98
24) Nitrobenzene	9.33	77	136378	35.612	ng	98
25) Isophorone	9.84	82	240840	33.677	ng	99
26) 2-Nitrophenol	10.03	139	60299	38.195	ng	91
27) 2,4-Dimethylphenol	10.08	122	104612	40.122	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	124304	32.205	ng	99
29) 2,4-Dichlorophenol	10.57	162	119786	36.178	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	129056	34.263	ng	96
31) Naphthalene	10.98	128	319395	35.659	ng	97
32) Benzoic acid	10.17	122	13990	13.862	ng	95
33) 4-Chloroaniline	11.09	127	93285	22.446	ng	99
34) Hexachlorobutadiene	11.24	225	89620	31.096	ng	97
35) Caprolactam	11.88	113	34912	31.930	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	137406	36.337	ng	97
37) 2-Methylnaphthalene	12.57	142	245784	35.629	ng	98
38) 1-Methylnaphthalene	12.79	142	232834	35.817	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	182284	35.075	ng	99

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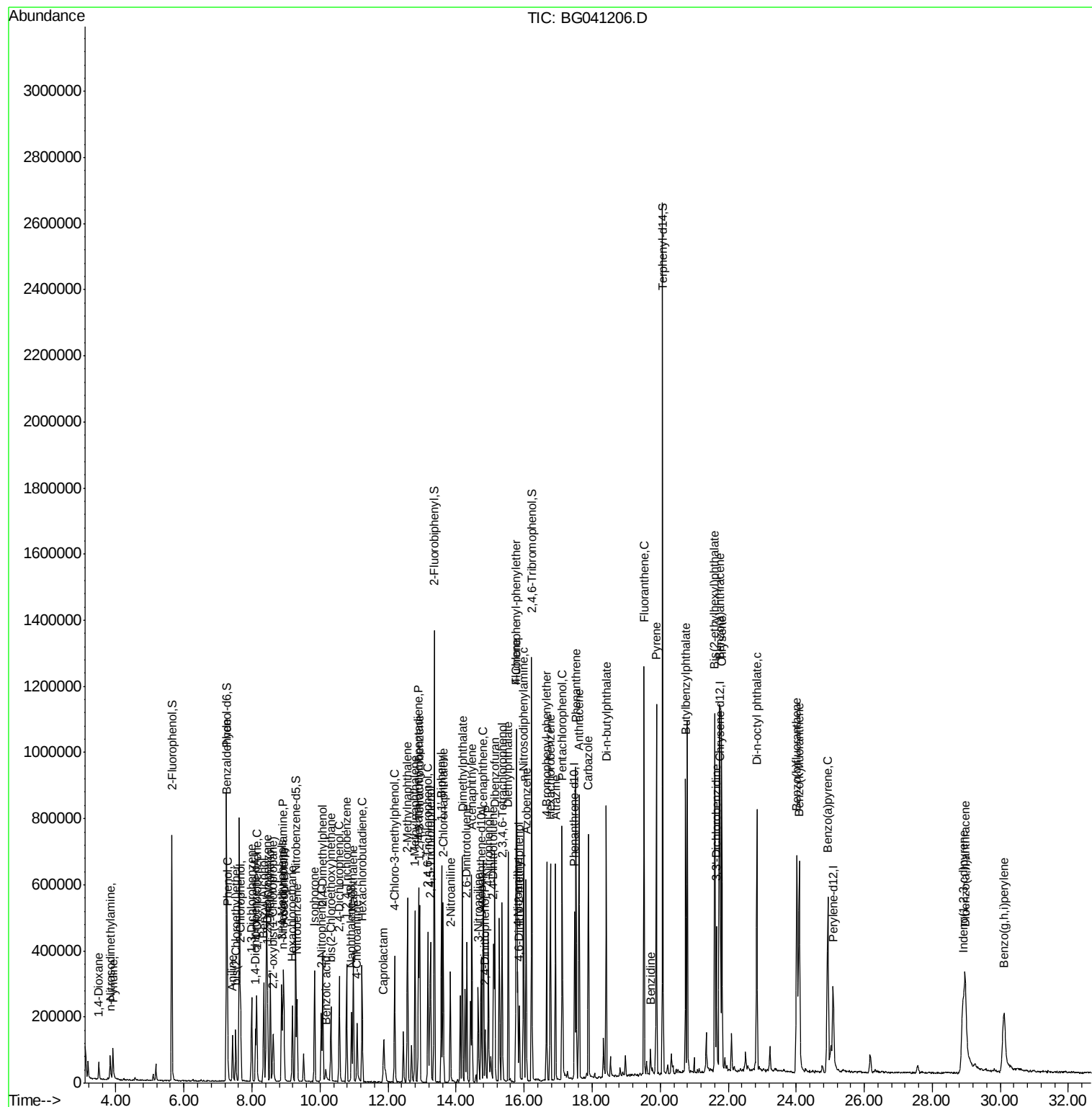
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	186779	68.212	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	117259	34.878	ng	93
44) 2,4,5-Trichlorophenol	13.25	196	124399	35.085	ng	96
46) 1,1'-Biphenyl	13.57	154	328335	34.401	ng	99
47) 2-Chloronaphthalene	13.62	162	275686	33.646	ng	99
48) 2-Nitroaniline	13.83	65	100313	34.126	ng	99
49) Acenaphthylene	14.46	152	434434	35.228	ng	99
50) Dimethylphthalate	14.19	163	436017	39.948	ng	98
51) 2,6-Dinitrotoluene	14.32	165	81622	34.684	ng	98
52) Acenaphthene	14.80	154	249755	33.432	ng	99
53) 3-Nitroaniline	14.65	138	66035	28.061	ng	# 92
54) 2,4-Dinitrophenol	14.86	184	43379	45.247	ng	90
55) Dibenzofuran	15.13	168	437259	34.785	ng	98
56) 4-Nitrophenol	14.95	139	108270	67.078	ng	91
57) 2,4-Dinitrotoluene	15.10	165	118429	35.626	ng	# 95
58) Fluorene	15.78	166	347038	34.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	126761	36.379	ng	97
60) Diethylphthalate	15.53	149	369453	33.168	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	213184	32.763	ng	96
62) 4-Nitroaniline	15.81	138	81163	32.578	ng	97
63) Azobenzene	16.06	77	336864	33.274	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	56316	36.536	ng	99
66) n-Nitrosodiphenylamine	15.98	169	312255	35.975	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	137628	33.029	ng	97
68) Hexachlorobenzene	16.77	284	144984	32.676	ng	98
69) Atrazine	16.92	200	133139	39.754	ng	99
70) Pentachlorophenol	17.12	266	157778	67.103	ng	98
71) Phenanthrene	17.52	178	581065	36.129	ng	99
72) Anthracene	17.61	178	588462	37.098	ng	99
73) Carbazole	17.89	167	508146	37.335	ng	99
74) Di-n-butylphthalate	18.42	149	580563	34.320	ng	99
75) Fluoranthene	19.53	202	783841	39.458	ng	99
77) Benzidine	19.71	184	57954	7.903	ng	99
78) Pyrene	19.89	202	778251	38.946	ng	98
80) Butylbenzylphthalate	20.76	149	272496	35.041	ng	97
81) Benzo(a)anthracene	21.74	228	725356	35.449	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	185837	25.821	ng	99
83) Chrysene	21.81	228	724988	37.024	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	429071	39.195	ng	97
85) Di-n-octyl phthalate	22.84	149	658780	36.134	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	679155	28.314	ng	98
88) Benzo(b)fluoranthene	24.02	252	726292	36.751	ng	99
89) Benzo(k)fluoranthene	24.09	252	733239	37.493	ng	100
90) Benzo(a)pyrene	24.93	252	698580	37.050	ng	99
91) Dibenzo(a,h)anthracene	28.96	278	550400	29.214	ng	99
92) Benzo(g,h,i)perylene	30.11	276	497727	27.193	ng	98

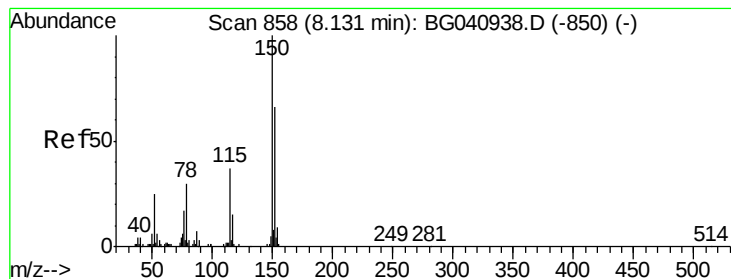
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

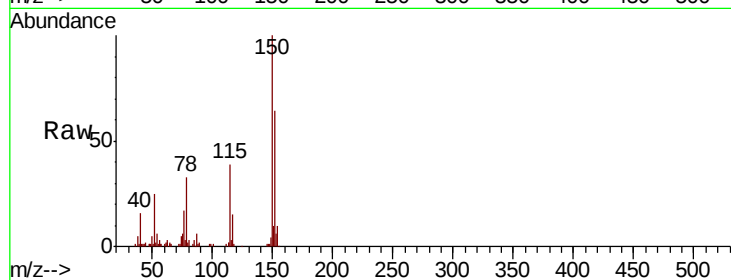
Tgt Ion:152 Resp: 40538

Ion Ratio Lower Upper

152 100

150 155.7 120.6 180.8

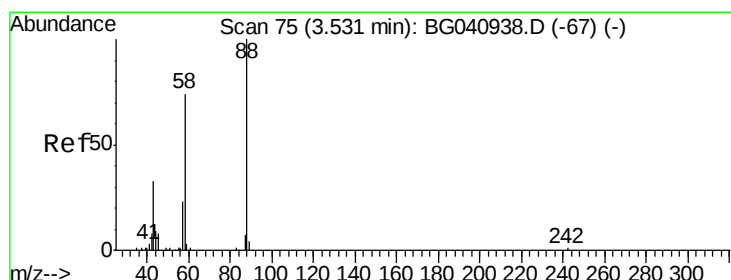
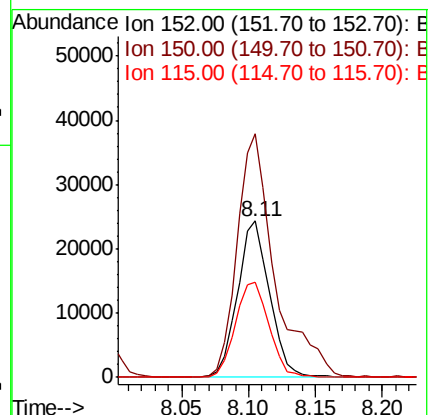
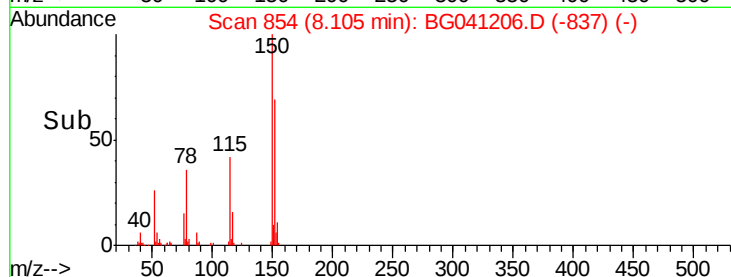
115 61.1 45.1 67.7



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: 26.937 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

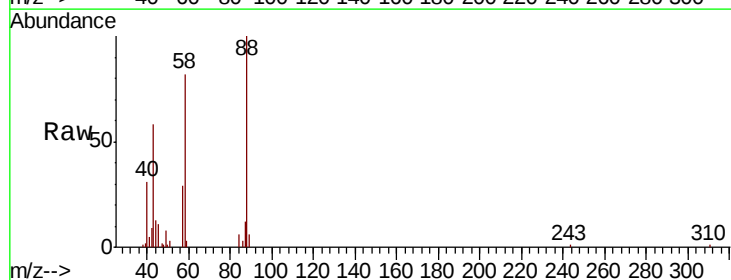
Tgt Ion: 88 Resp: 27479

Ion Ratio Lower Upper

88 100

58 81.5 59.0 88.6

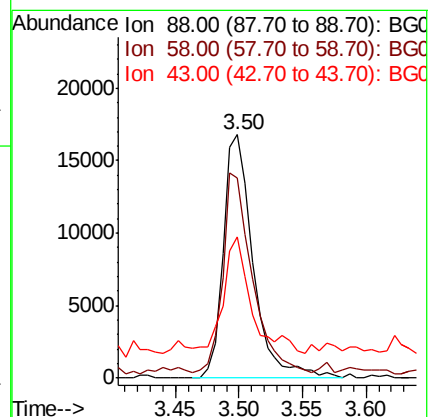
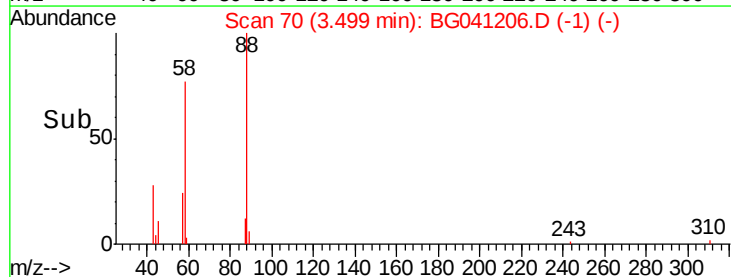
43 43.3 27.2 40.8#

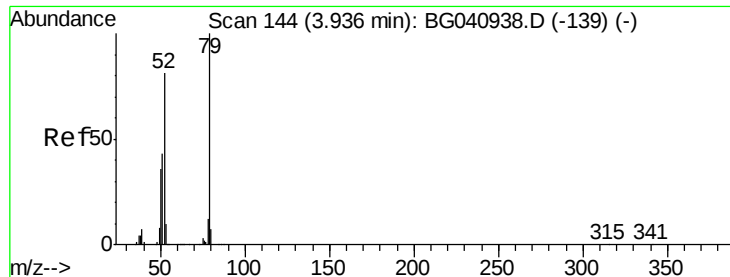


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 18.785 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

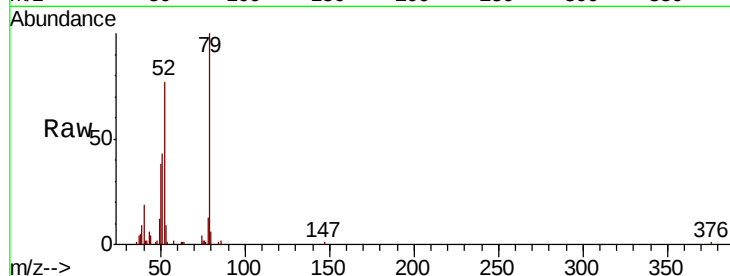
Tgt Ion: 79 Resp: 56703

Ion Ratio Lower Upper

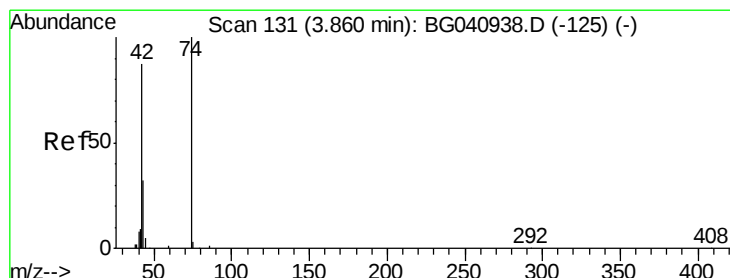
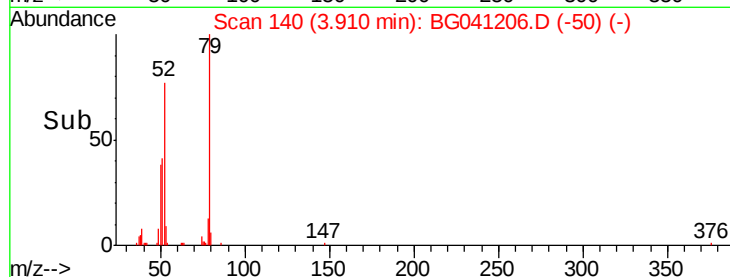
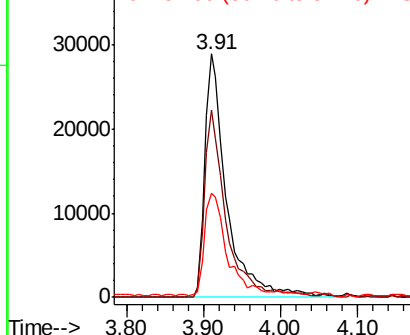
79 100

52 77.0 64.8 97.2

51 42.8 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: 36.100 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

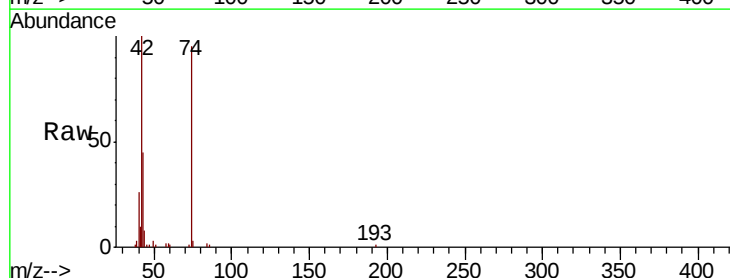
Tgt Ion: 42 Resp: 50574

Ion Ratio Lower Upper

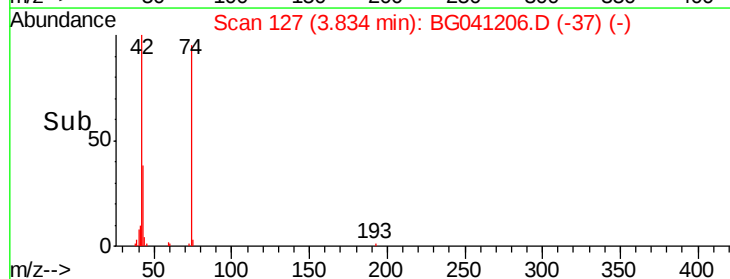
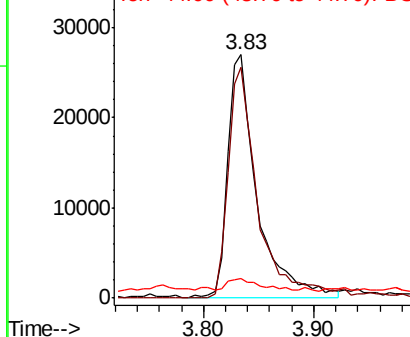
42 100

74 94.7 91.8 137.6

44 8.0 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: 130.004 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

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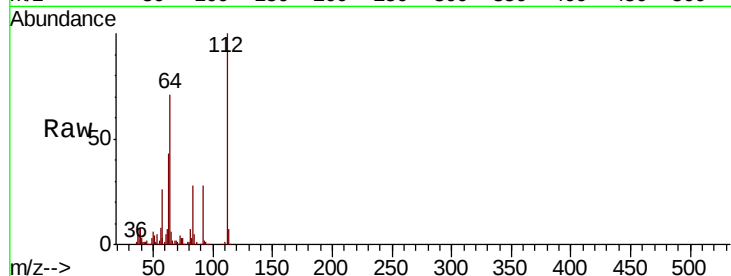
Tgt Ion: 112 Resp: 292261

Ion Ratio Lower Upper

112 100

64 71.2 56.2 84.2

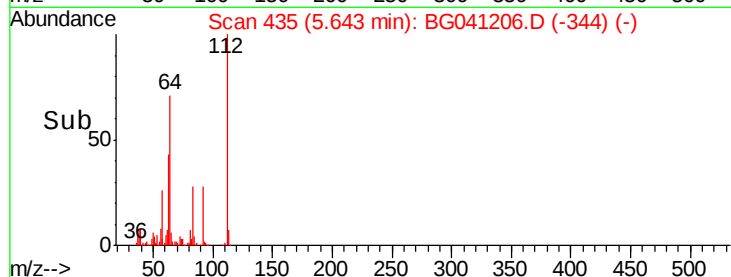
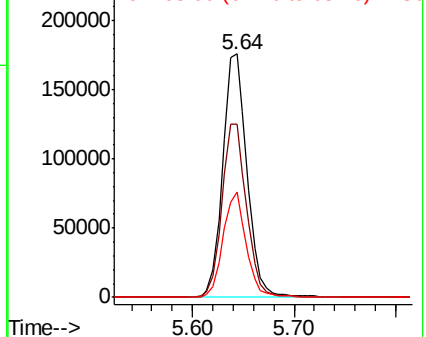
63 43.3 32.8 49.2



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: 18.975 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

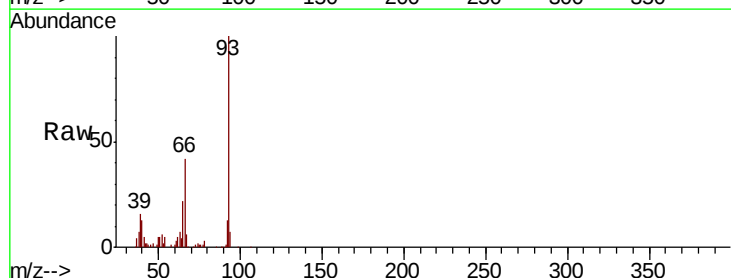
Tgt Ion: 93 Resp: 87938

Ion Ratio Lower Upper

93 100

66 41.8 33.8 50.8

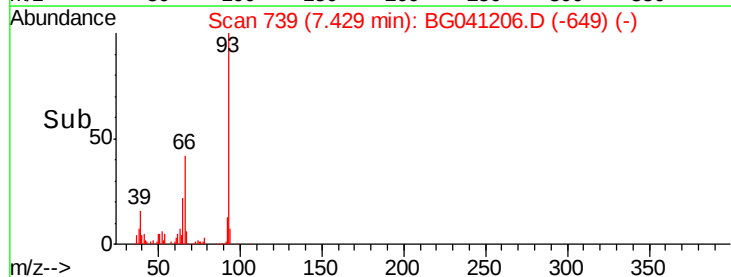
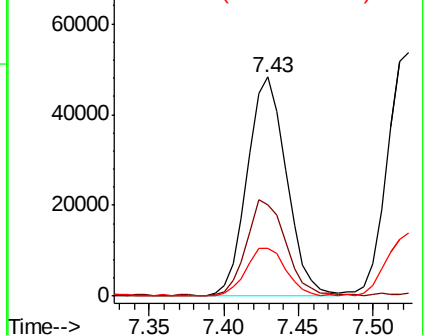
65 21.6 18.3 27.5

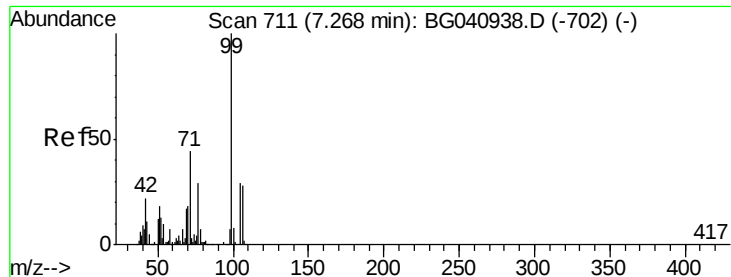


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.367 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041206.D

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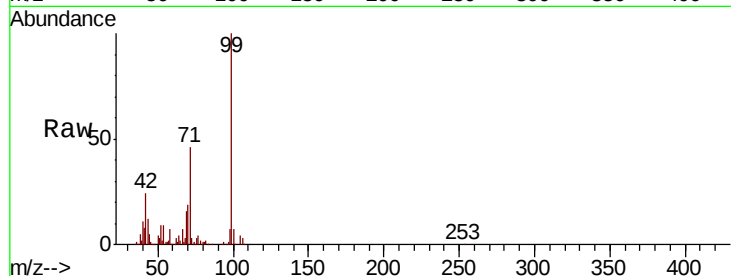
Tgt Ion: 99 Resp: 445683

Ion Ratio Lower Upper

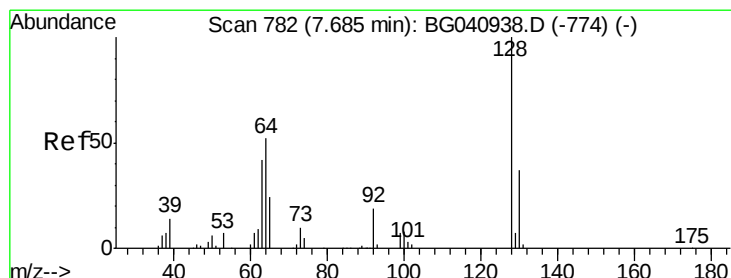
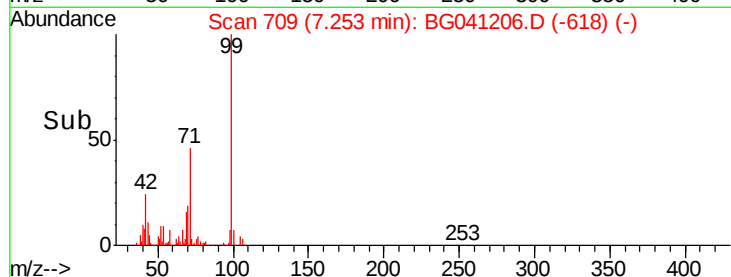
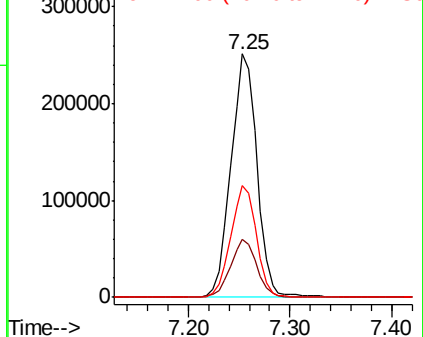
99 100

42 23.7 17.9 26.9

71 45.7 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: 36.601 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

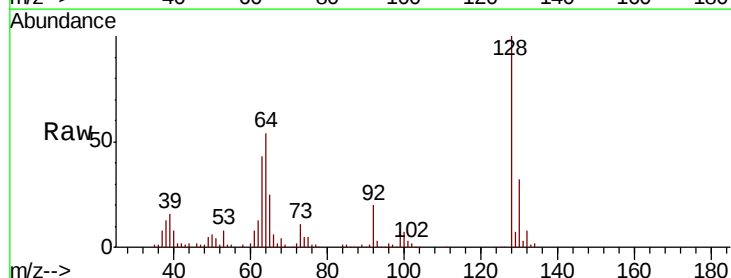
Tgt Ion: 128 Resp: 98095

Ion Ratio Lower Upper

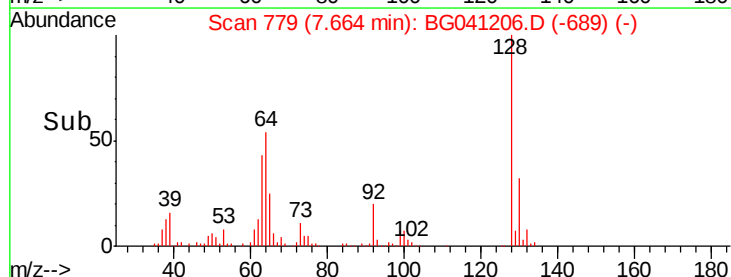
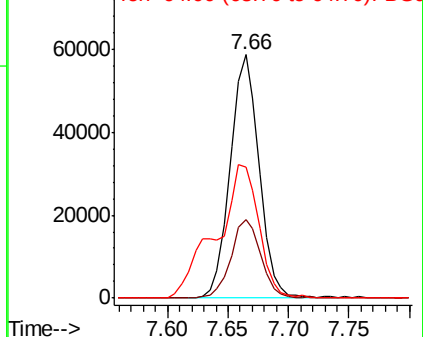
128 100

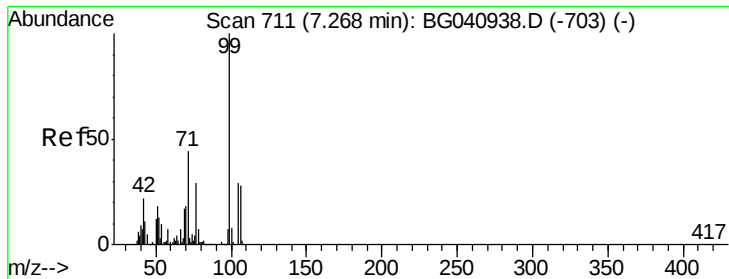
130 32.5 16.6 56.6

64 54.1 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: 13.036 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

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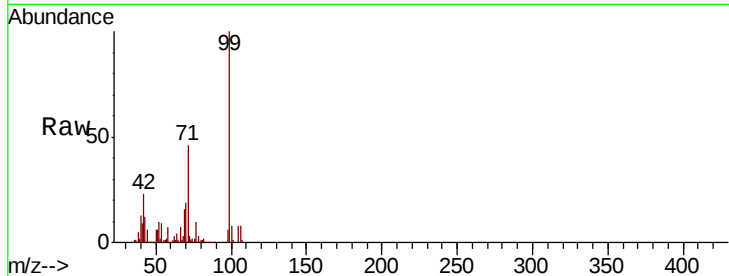
Tgt Ion: 77 Resp: 26999

Ion Ratio Lower Upper

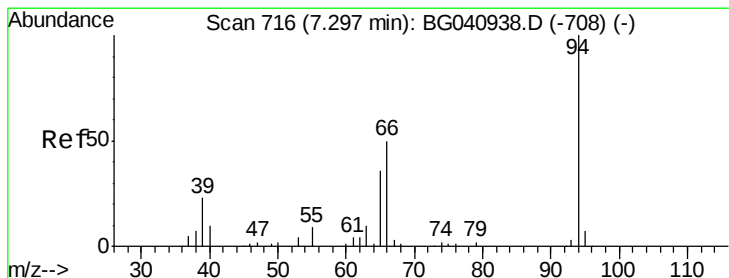
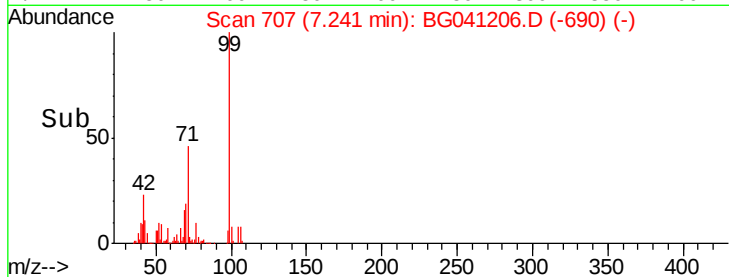
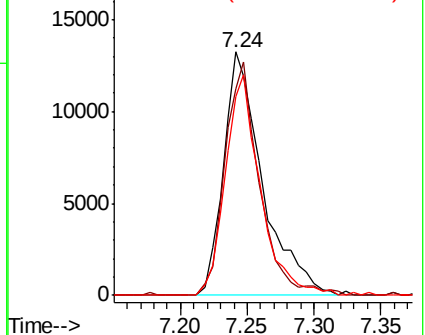
77 100

105 84.6 78.9 118.9

106 81.5 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: 36.040 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

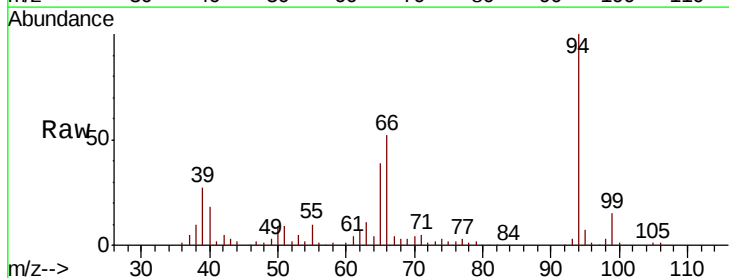
Tgt Ion: 94 Resp: 134165

Ion Ratio Lower Upper

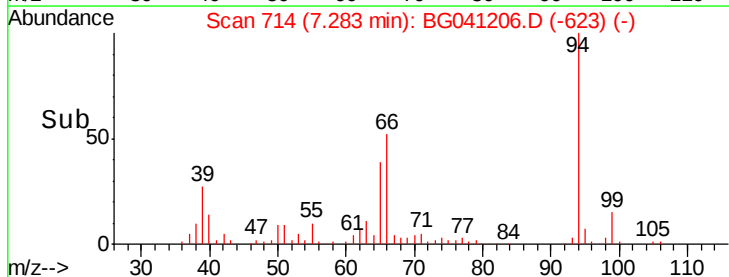
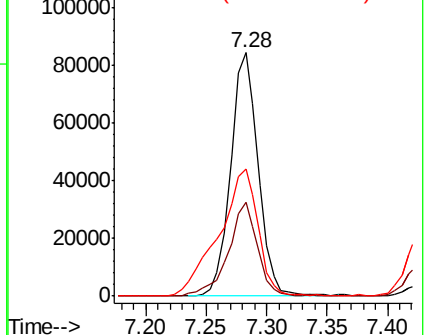
94 100

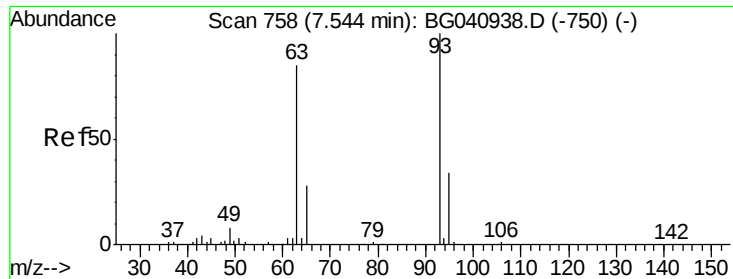
65 38.8 17.0 57.0

66 52.0 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

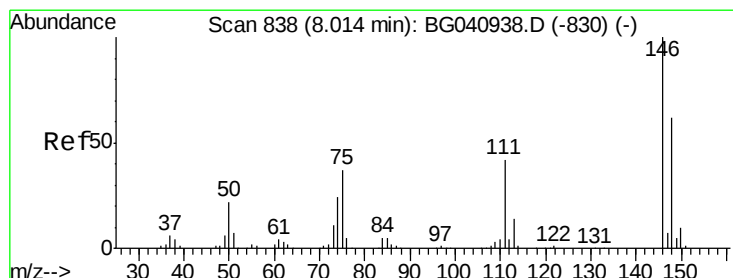
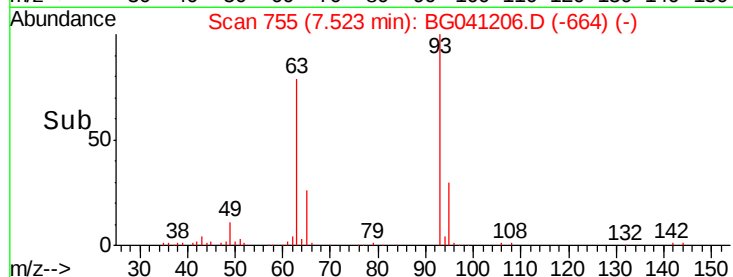
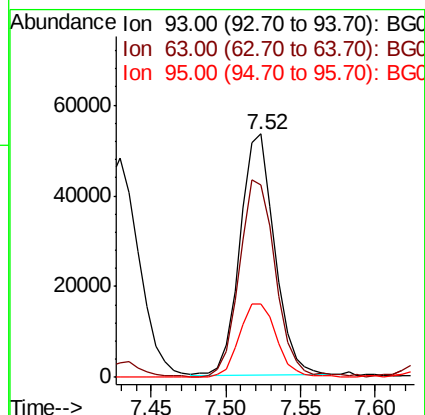
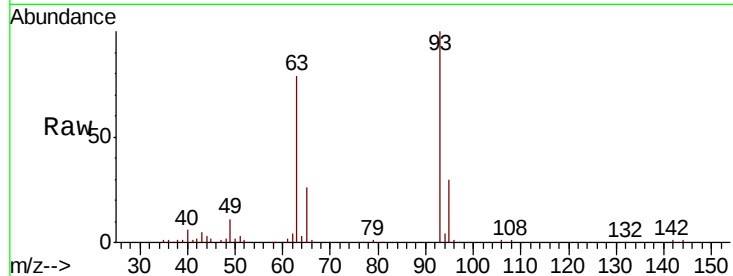




#11
 bis(2-Chloroethyl)ether
 Concen: 31.545 ng
 RT: 7.52 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

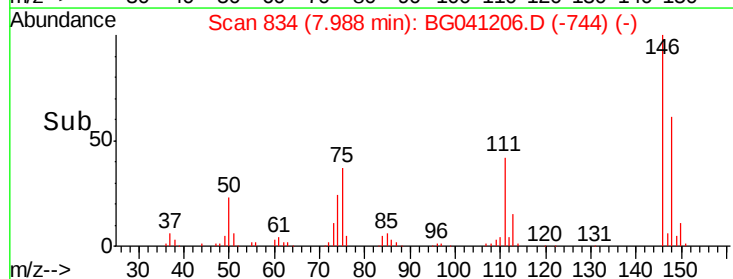
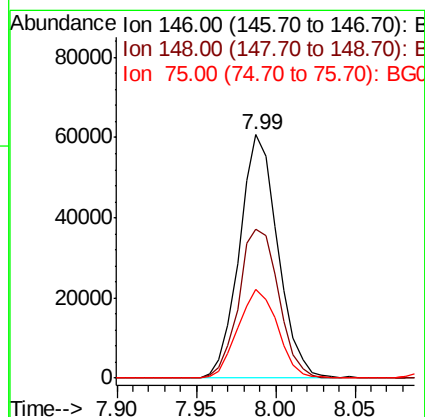
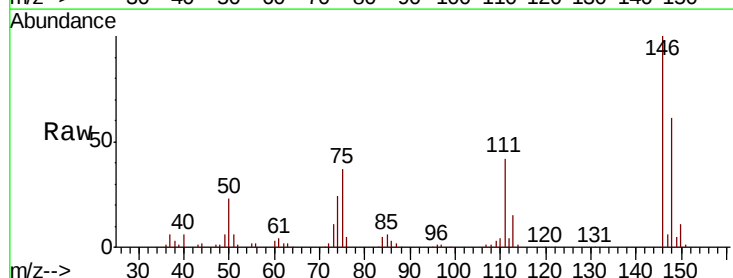
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

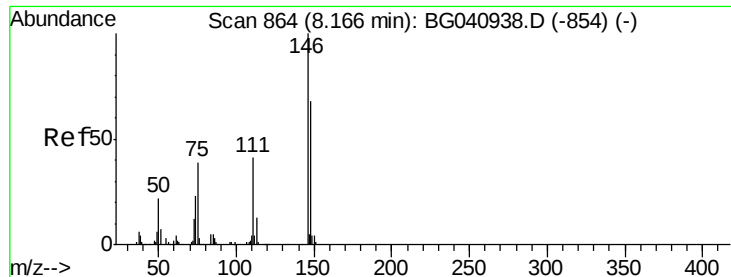
Tgt Ion: 93 Resp: 85190
 Ion Ratio Lower Upper
 93 100
 63 79.0 64.5 104.5
 95 30.2 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 31.876 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion: 146 Resp: 102037
 Ion Ratio Lower Upper
 146 100
 148 60.9 49.2 73.8
 75 36.6 29.4 44.0

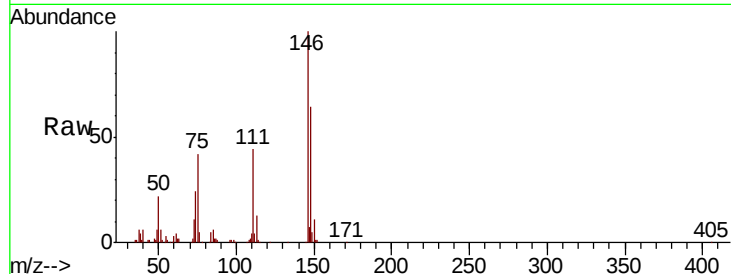




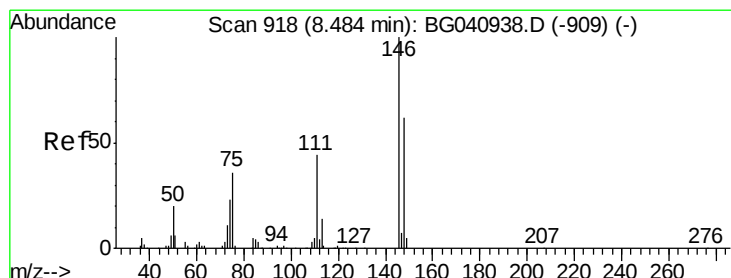
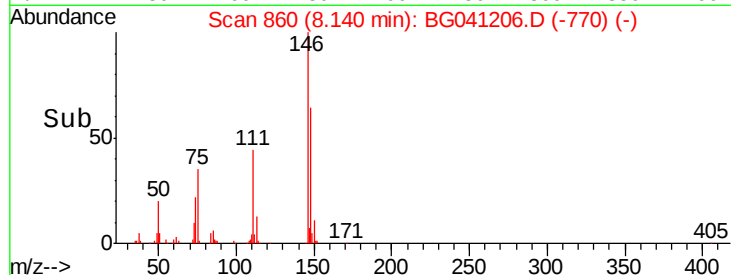
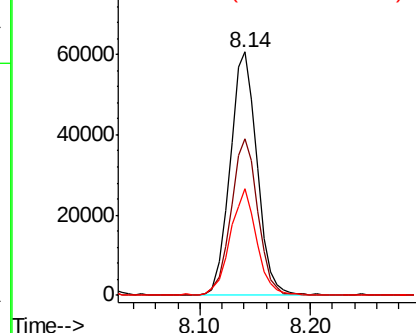
#13
 1,4-Dichlorobenzene
 Concen: 32.010 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion:146 Resp: 103718
 Ion Ratio Lower Upper
 146 100
 148 64.5 54.2 81.4
 111 43.6 32.9 49.3

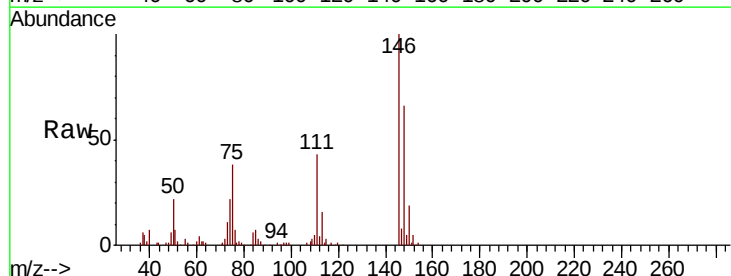


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

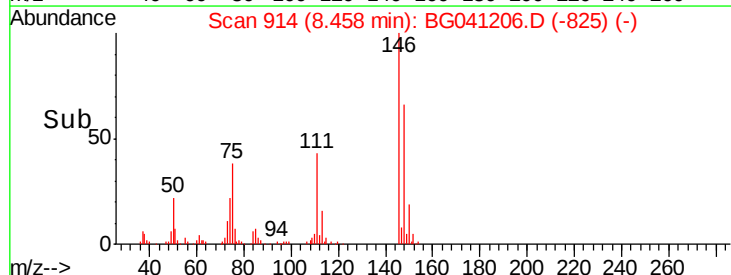
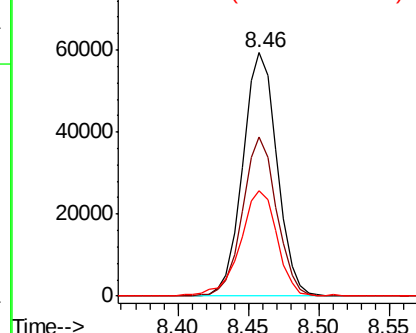


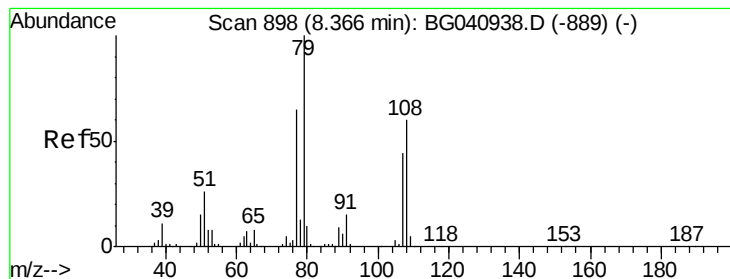
#14
 1,2-Dichlorobenzene
 Concen: 32.056 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion:146 Resp: 100850
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.8 74.6
 111 43.3 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.808 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

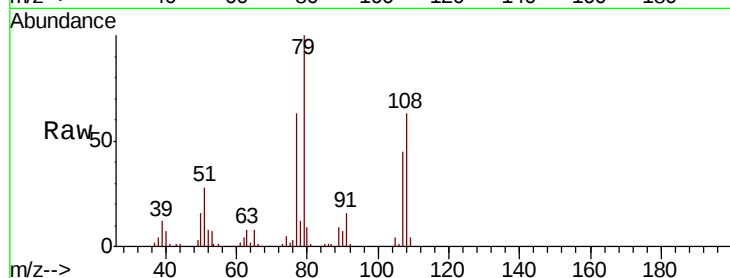
Tgt Ion: 79 Resp: 108582

Ion Ratio Lower Upper

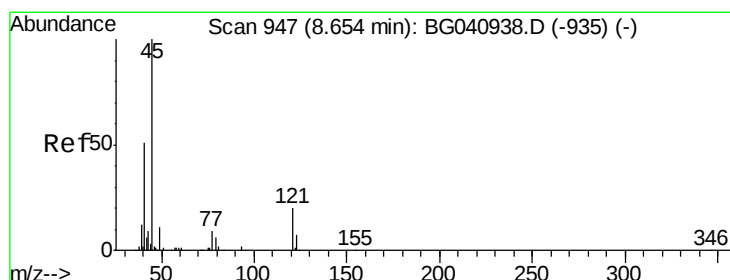
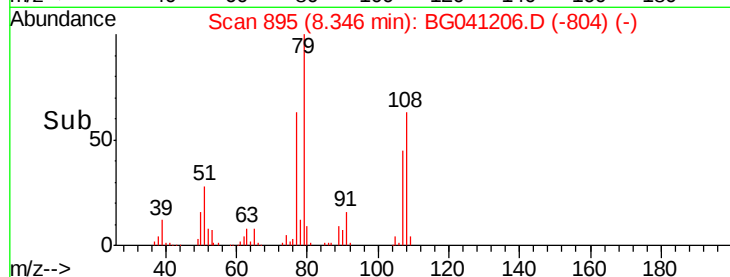
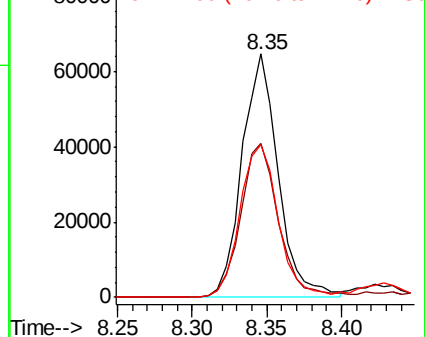
79 100

108 63.0 48.3 72.5

77 62.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.153 ng

RT: 8.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

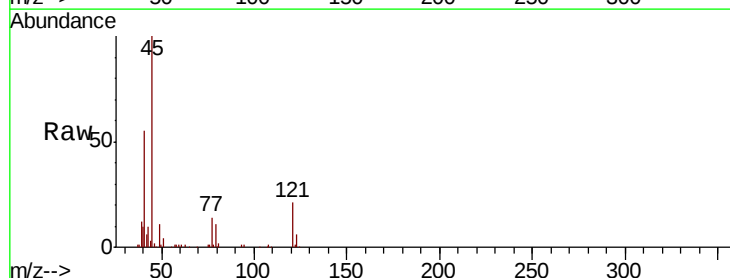
Tgt Ion: 45 Resp: 133063

Ion Ratio Lower Upper

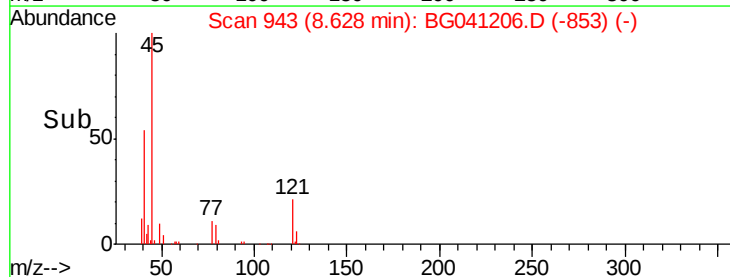
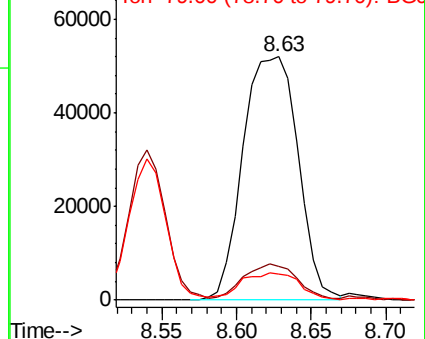
45 100

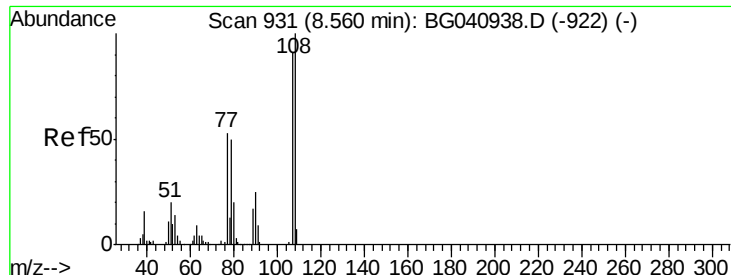
77 13.7 0.0 33.7

79 10.6 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

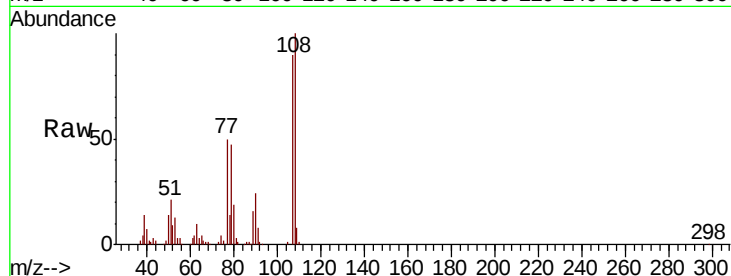




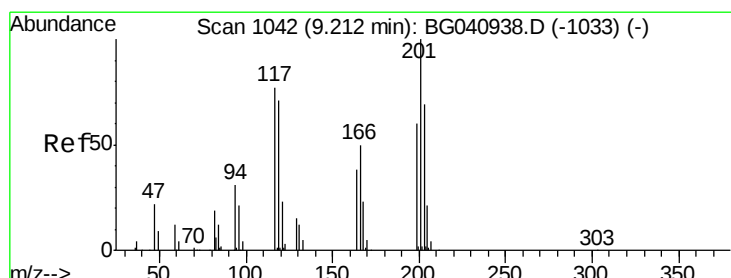
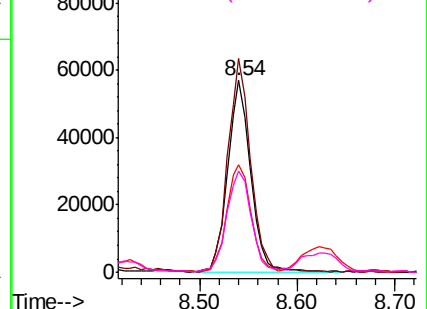
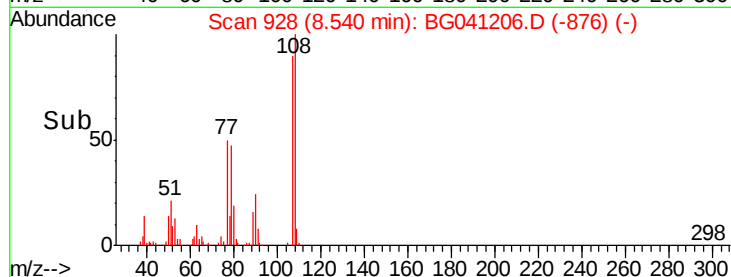
#17
2-Methylphenol
Concen: 34.728 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion:107 Resp: 93604
Ion Ratio Lower Upper
107 100
108 111.3 87.7 131.5
77 56.2 46.6 70.0
79 52.8 44.6 66.8

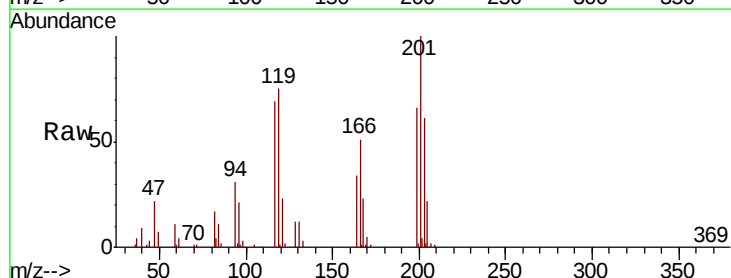


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

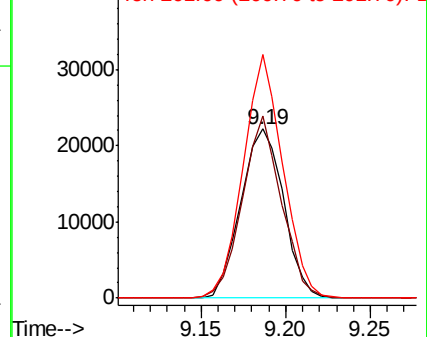
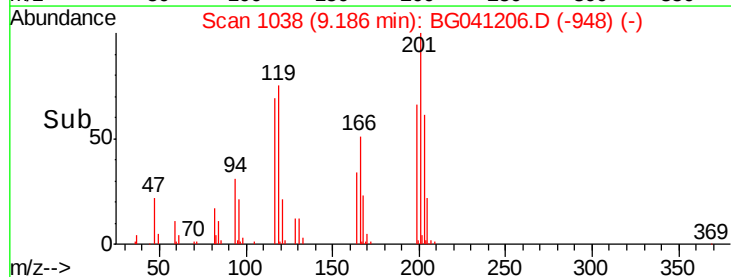


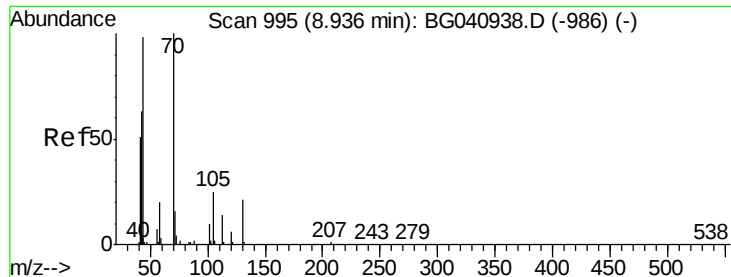
#18
Hexachloroethane
Concen: 31.336 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:117 Resp: 39133
Ion Ratio Lower Upper
117 100
119 107.6 75.0 112.6
201 144.0 103.5 155.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

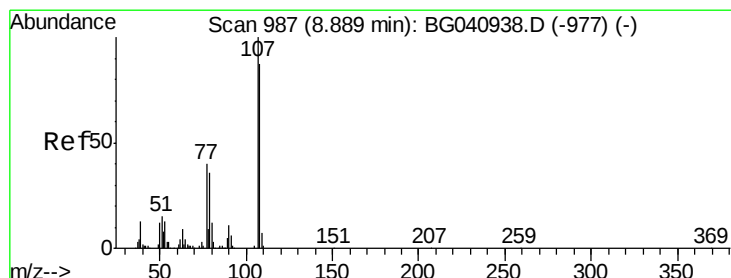
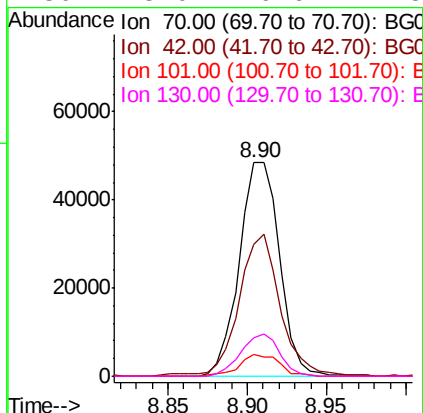
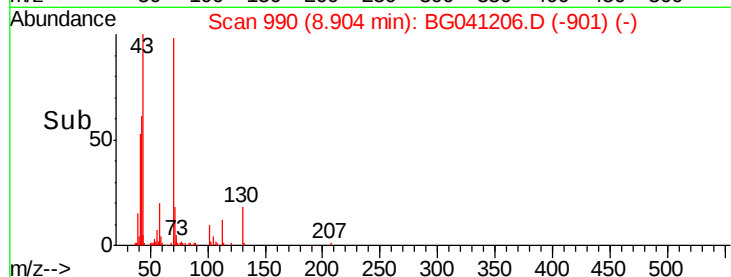
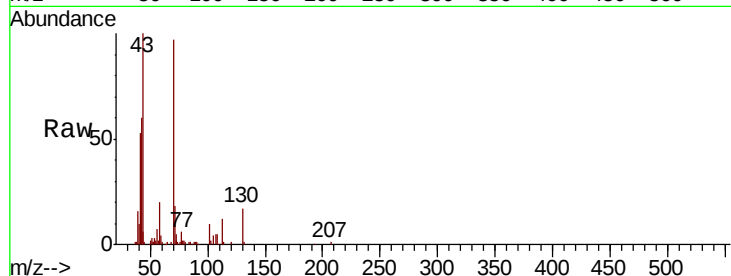




#19
n-Nitroso-di-n-propylamine
Concen: 32.039 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

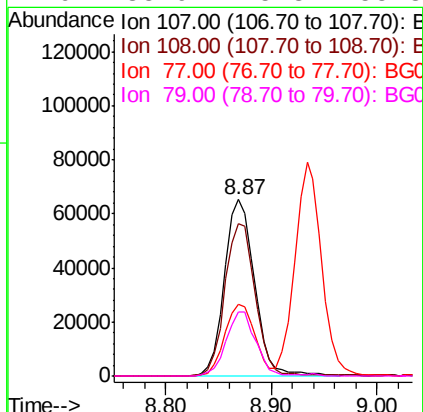
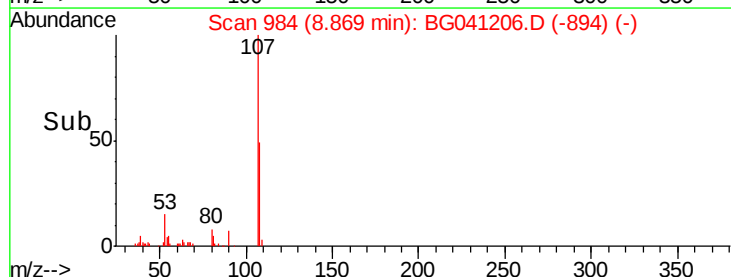
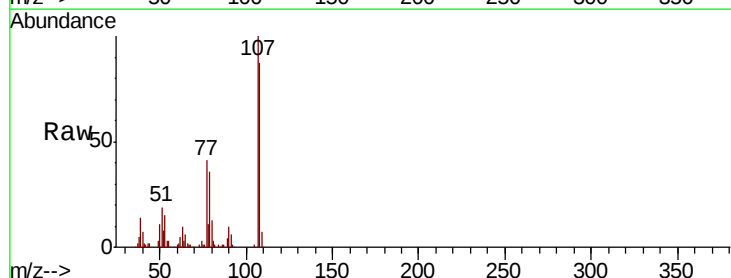
Instrument :
BNA_G
ClientSampleId :
200030-200034MS

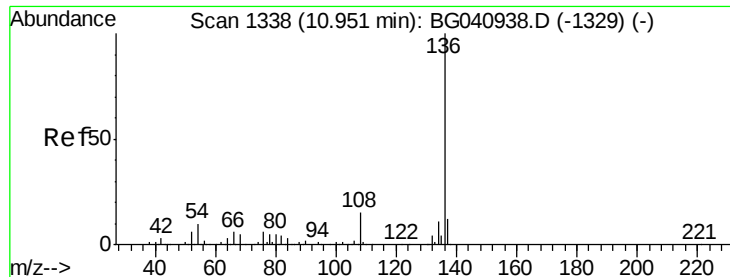
Tgt Ion:	70	Resp:	85603
Ion	Ratio	Lower	Upper
70	100		
42	61.9	51.5	77.3
101	10.1	8.1	12.1
130	18.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 34.623 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:	107	Resp:	129269
Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.8	106.8
77	40.8	20.5	60.5
79	35.9	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: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

Tgt Ion:136 Resp: 166823

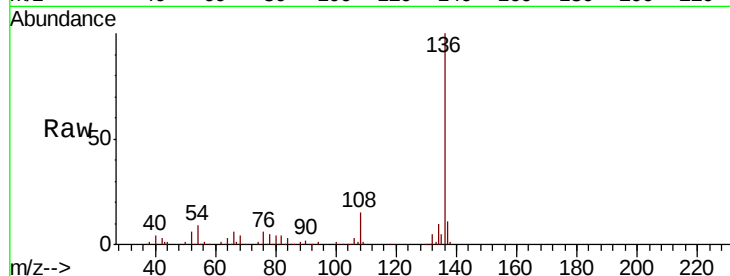
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 9.0 7.6 11.4

68 4.3 3.9 5.9

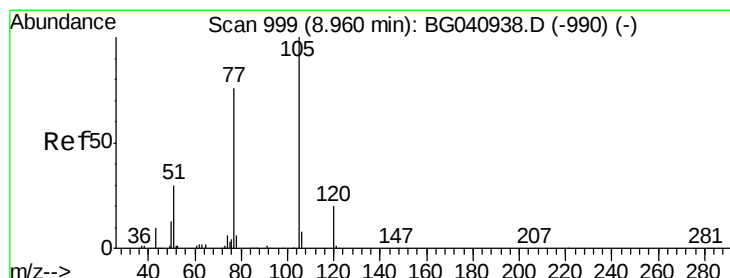
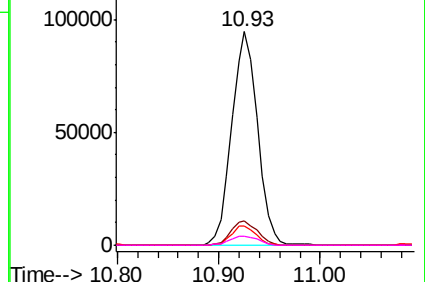
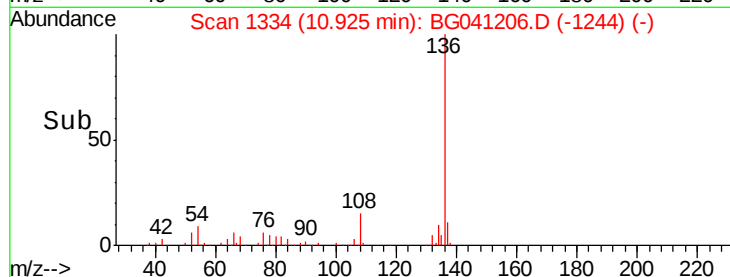


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.213 ng

RT: 8.93 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:105 Resp: 164787

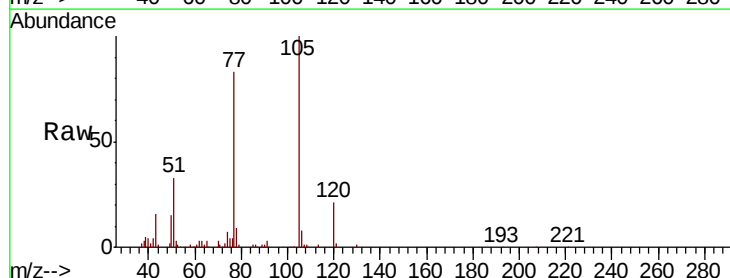
Ion Ratio Lower Upper

105 100

71 0.8 0.4 0.6#

51 32.8 27.0 40.6

120 21.2 16.2 24.4

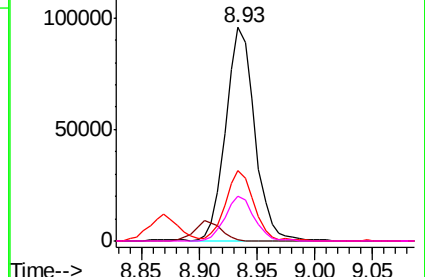
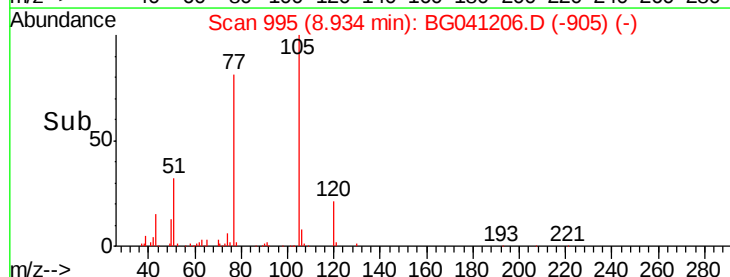


Abundance Ion 105.00 (104.70 to 105.70): E

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

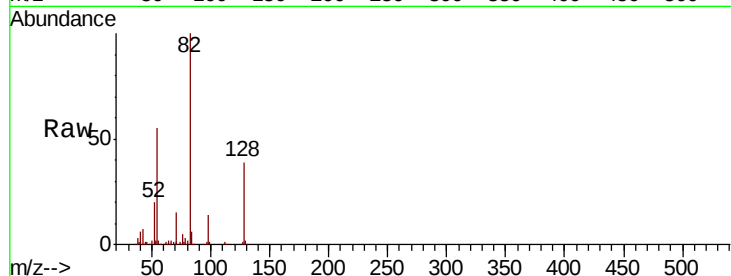




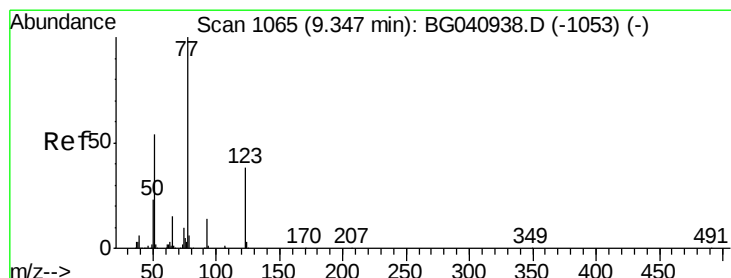
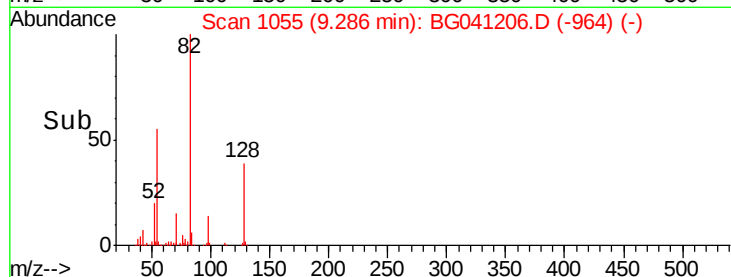
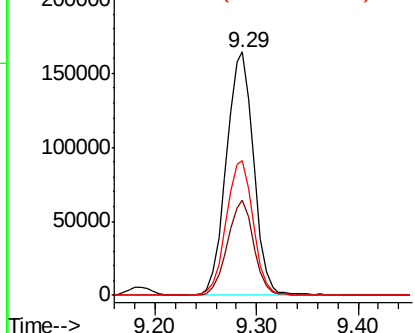
#23
 Nitrobenzene-d5
 Concen: 81.506 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.5	45.7
54	55.4	44.6	66.8

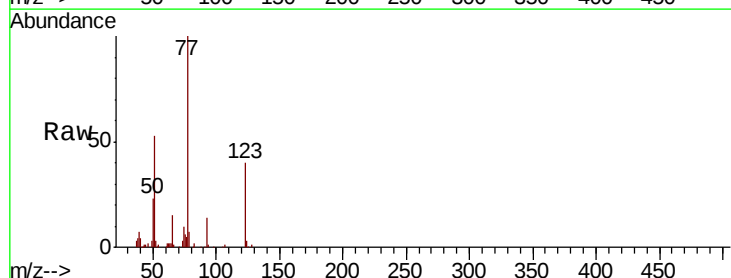


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

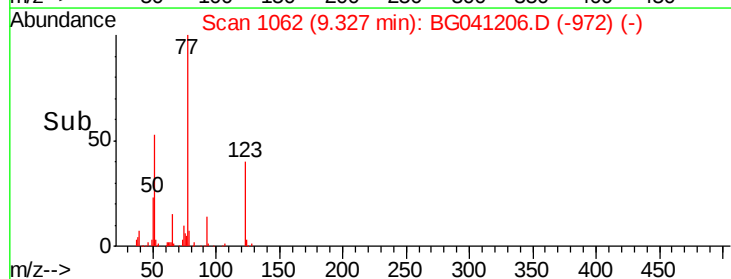
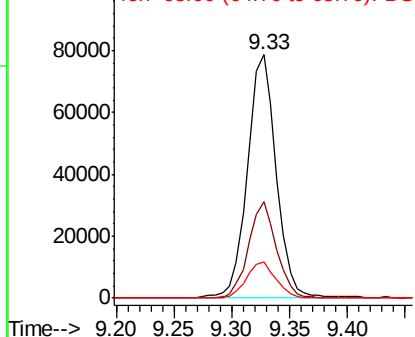


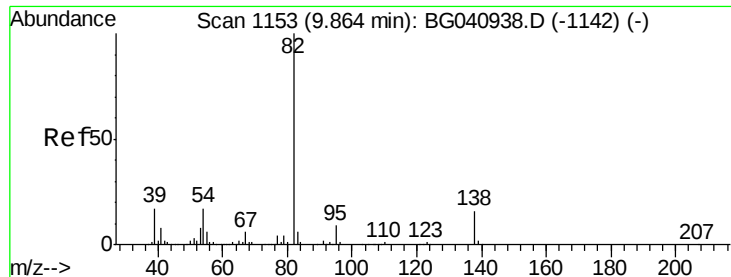
#24
 Nitrobenzene
 Concen: 35.612 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	30.6	46.0
65	15.1	12.3	18.5



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





#25

Isophorone

Concen: 33.677 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

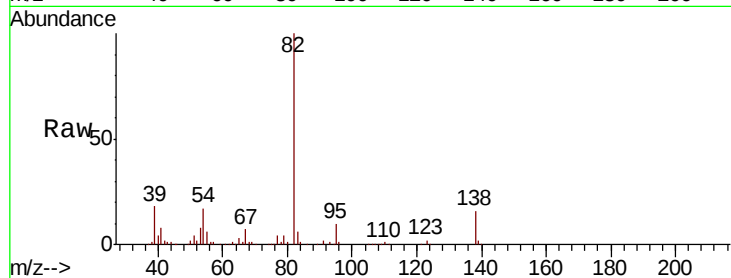
Tgt Ion: 82 Resp: 240840

Ion Ratio Lower Upper

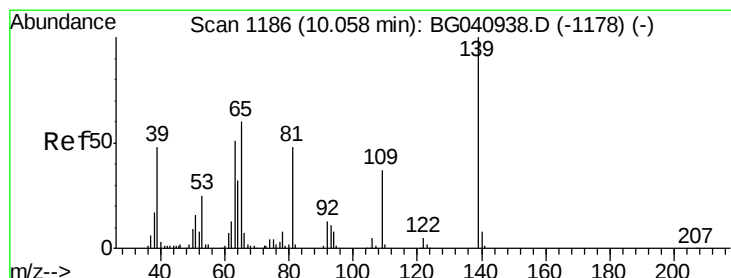
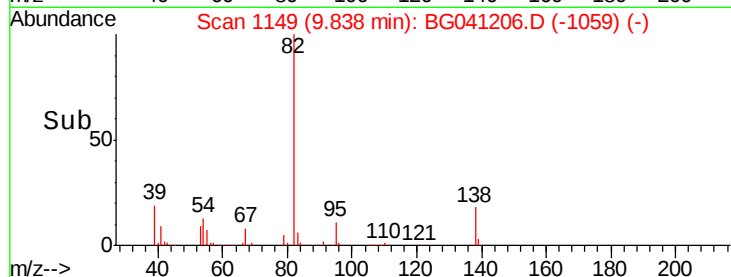
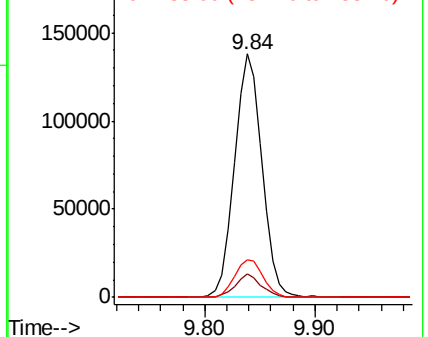
82 100

95 9.7 7.0 10.4

138 15.6 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: 38.195 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

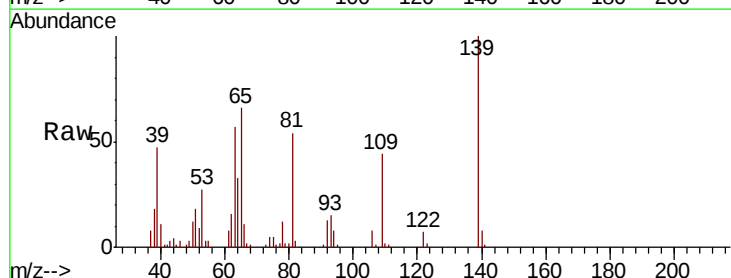
Tgt Ion: 139 Resp: 60299

Ion Ratio Lower Upper

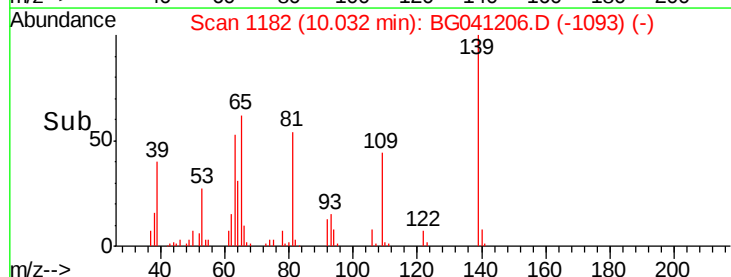
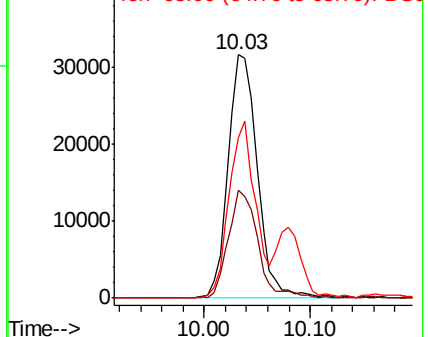
139 100

109 44.2 29.8 44.6

65 65.8 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

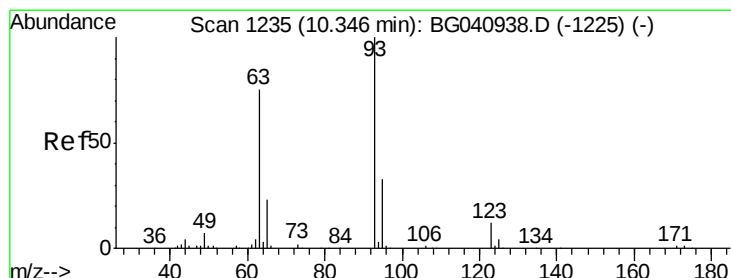
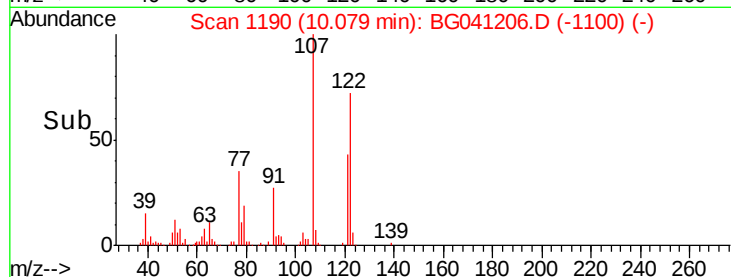
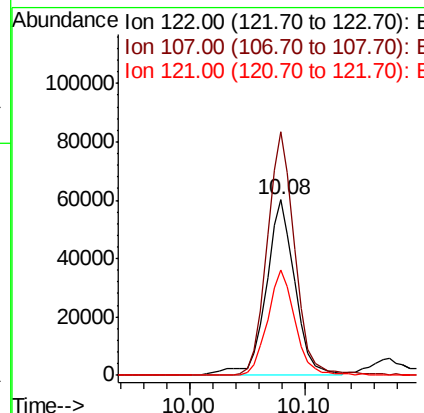
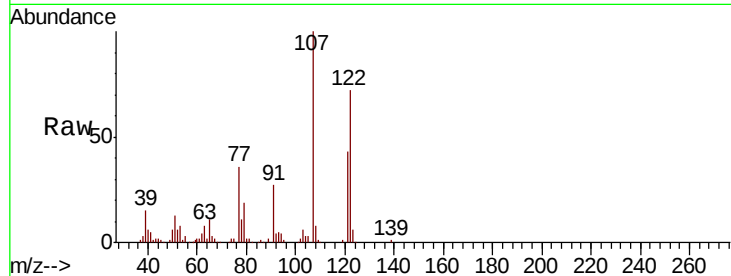




#27
 2,4-Dimethylphenol
 Concen: 40.122 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

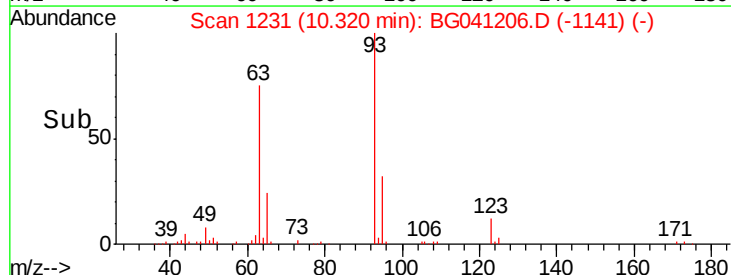
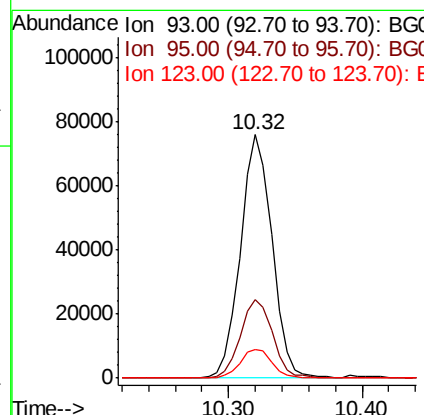
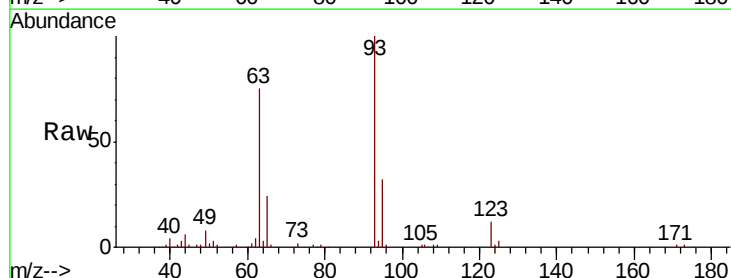
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.7	105.9	158.9
121	60.1	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.205 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	11.8	9.5	14.3

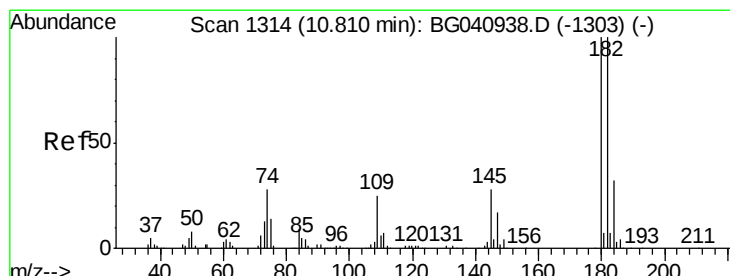
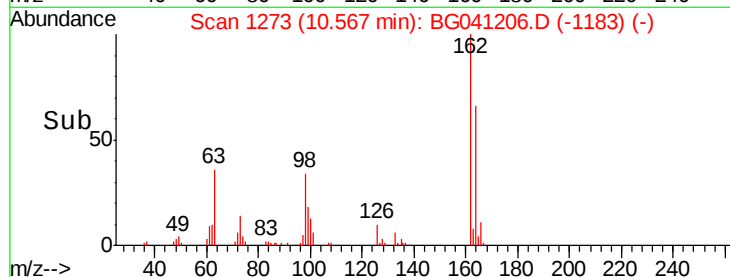
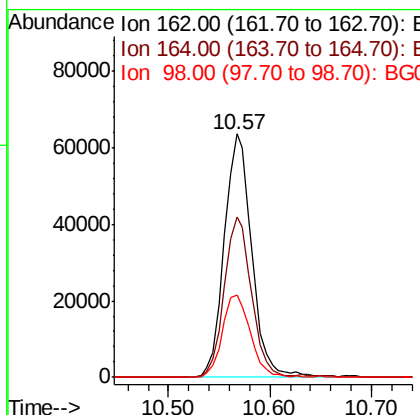
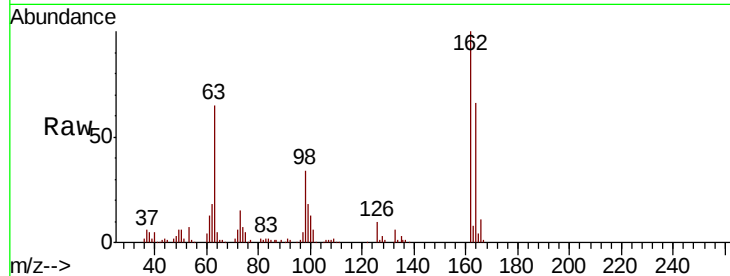




#29
 2,4-Dichlorophenol
 Concen: 36.178 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

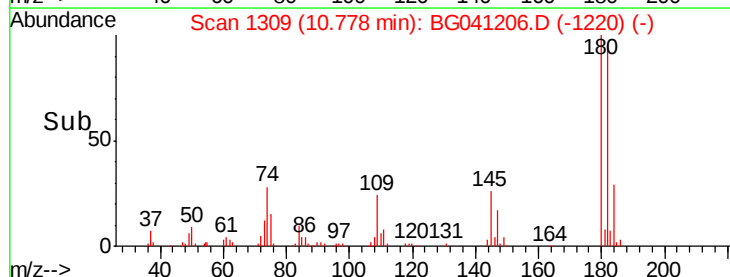
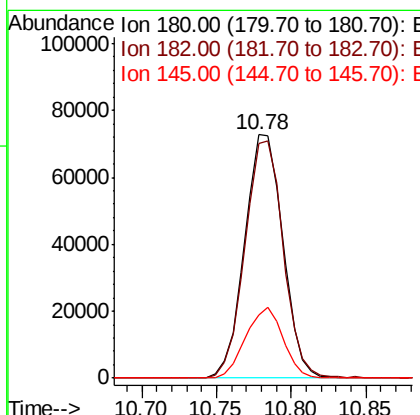
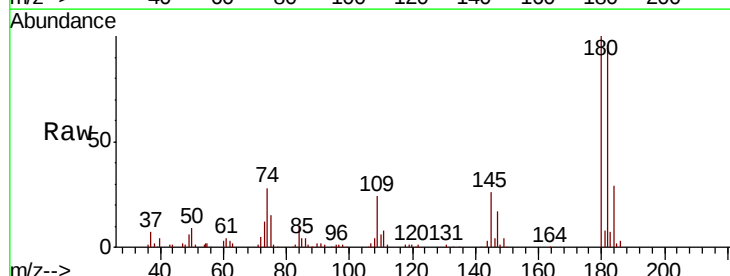
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	39.4	79.4
98	33.6	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.263 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	79.7	119.5
145	26.0	22.6	34.0

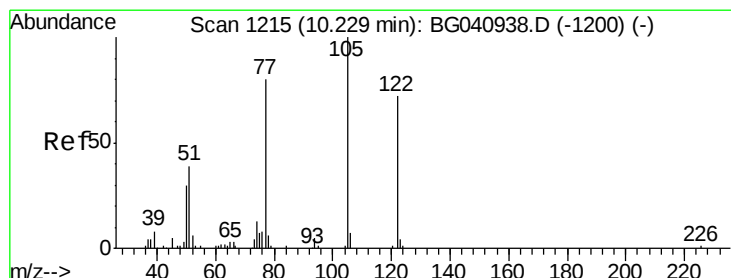
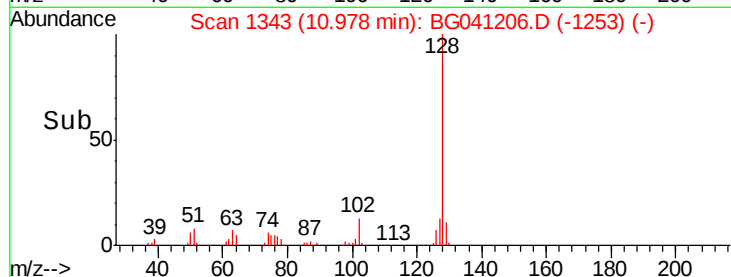
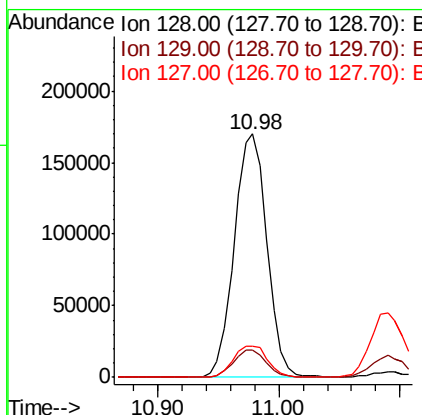
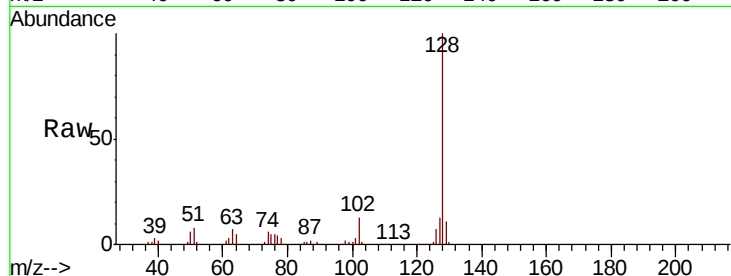




#31
Naphthalene
Concen: 35.659 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

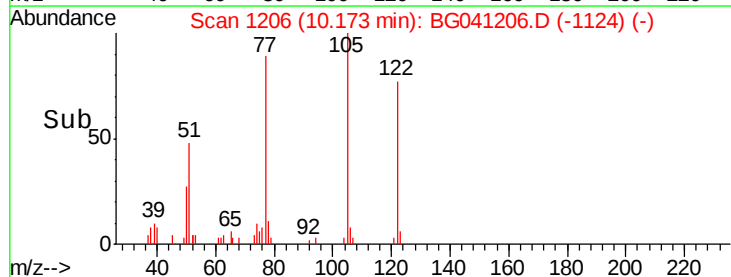
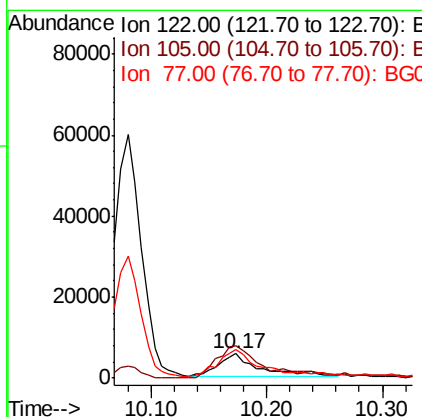
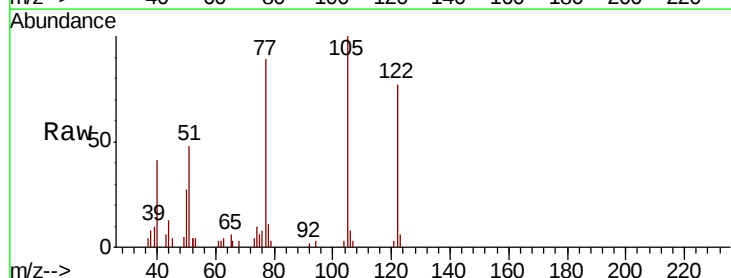
Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	12.9	11.4	17.2



#32
Benzoic acid
Concen: 13.862 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.05 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	114.8	154.8
77	116.8	89.9	129.9

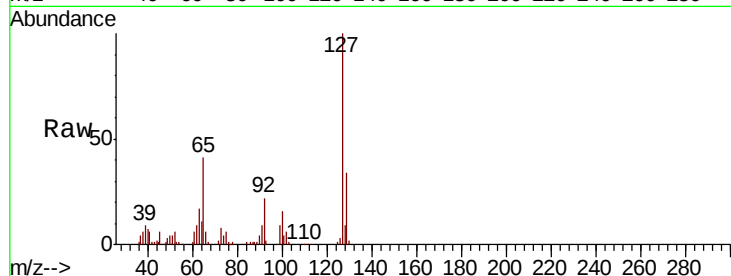




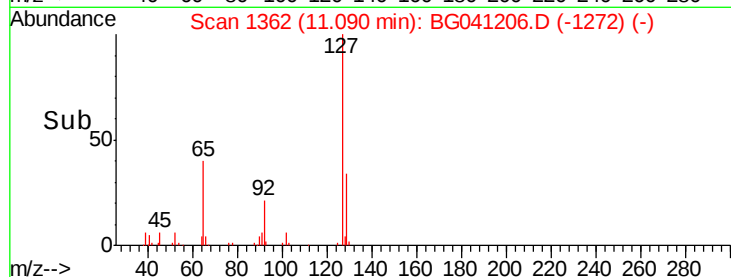
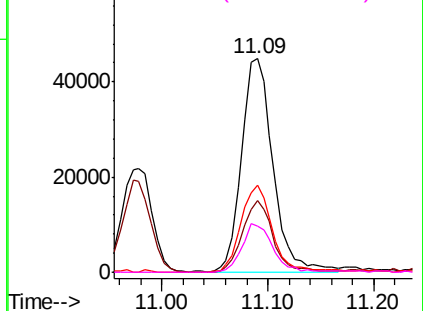
#33
4-Chloroaniline
Concen: 22.446 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion:	127	Resp:	93285
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.7	41.5
65	40.7	33.2	49.8
92	21.9	17.2	25.8

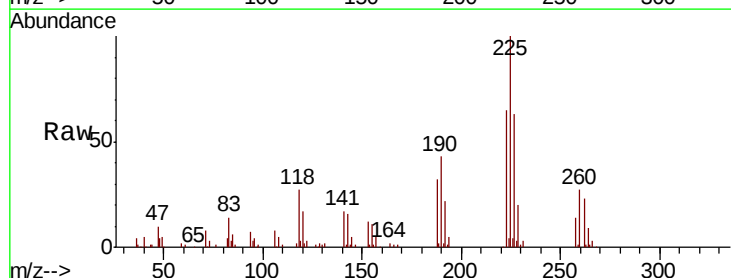


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

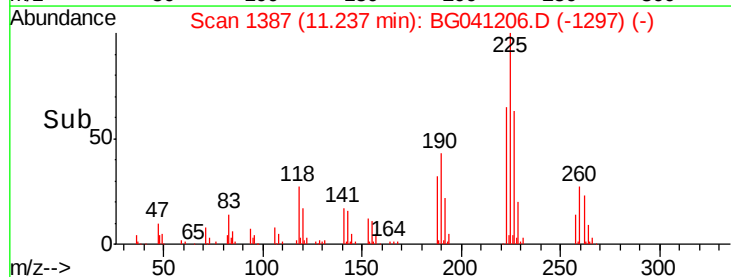
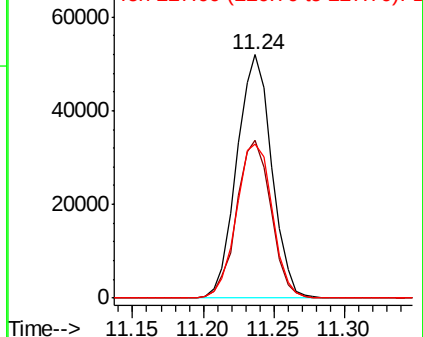


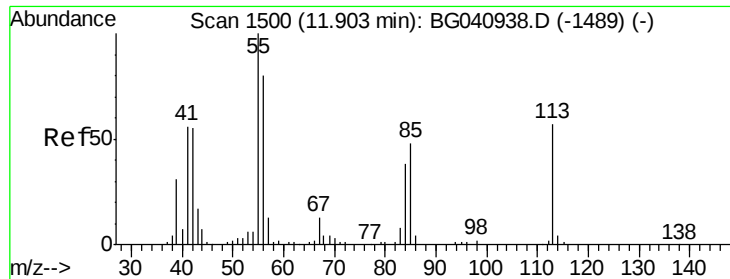
#34
Hexachlorobutadiene
Concen: 31.096 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:	225	Resp:	89620
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	63.4	51.4	77.0



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

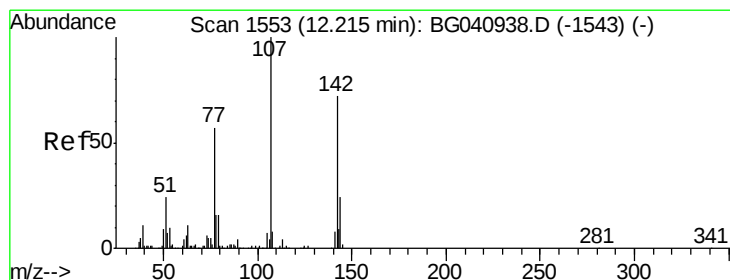
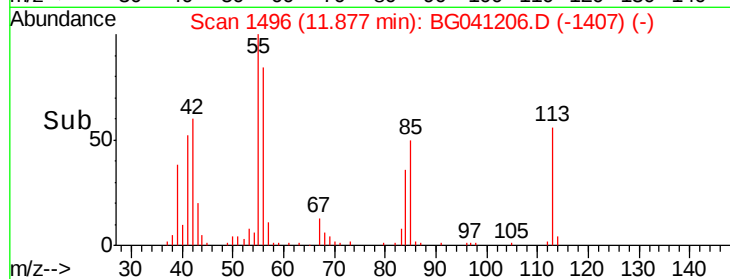
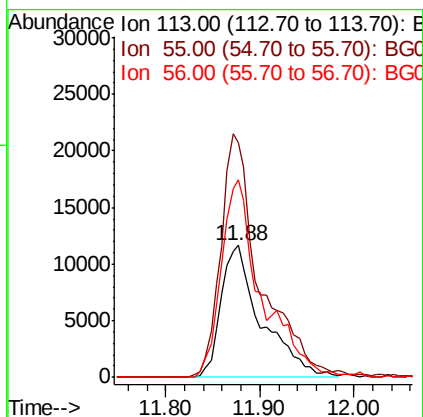
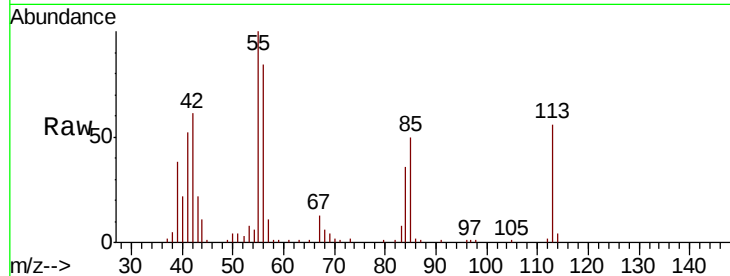




#35
 Caprolactam
 Concen: 31.930 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

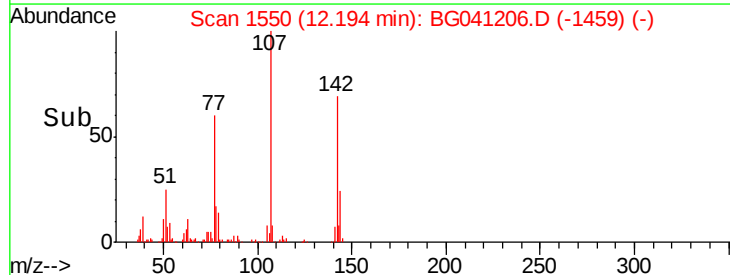
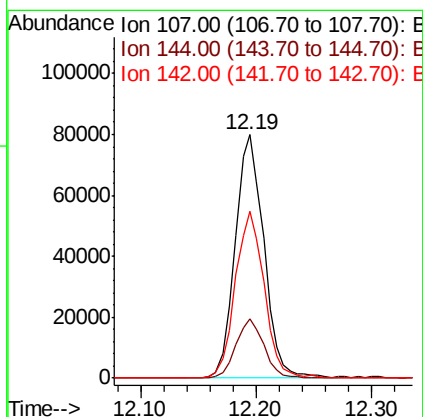
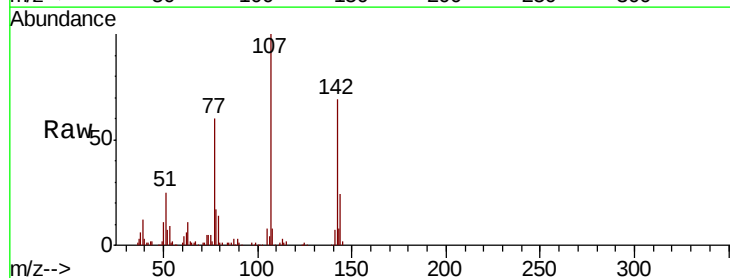
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

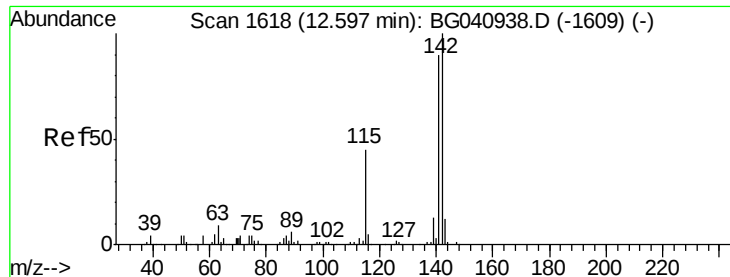
Tgt Ion:113 Resp: 34912
 Ion Ratio Lower Upper
 113 100
 55 178.5 155.9 195.9
 56 149.7 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.337 ng
 RT: 12.19 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion:107 Resp: 137406
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.4 29.0
 142 68.5 57.3 85.9

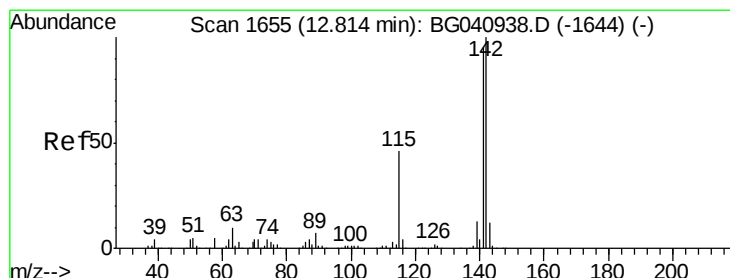
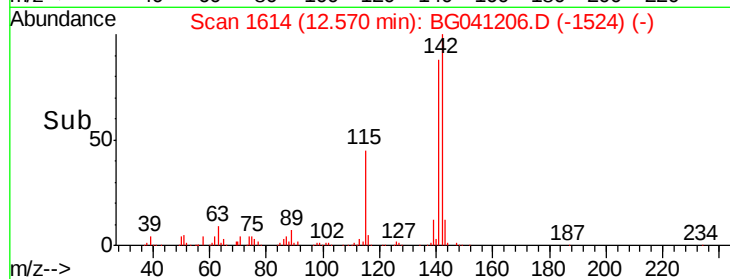
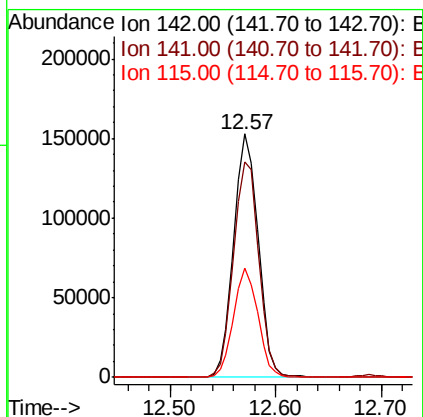
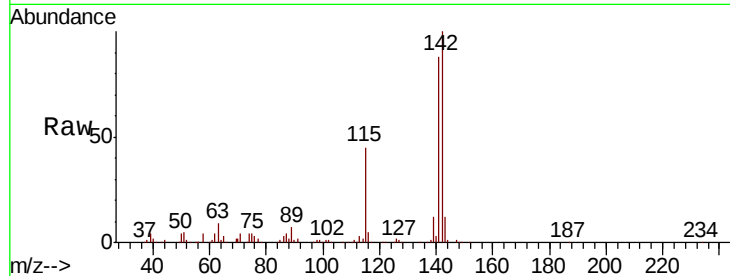




#37
 2-Methylnaphthalene
 Concen: 35.629 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

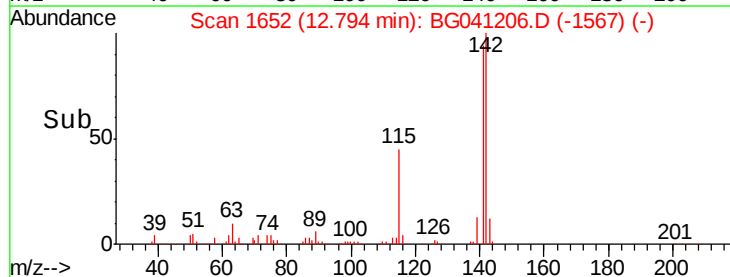
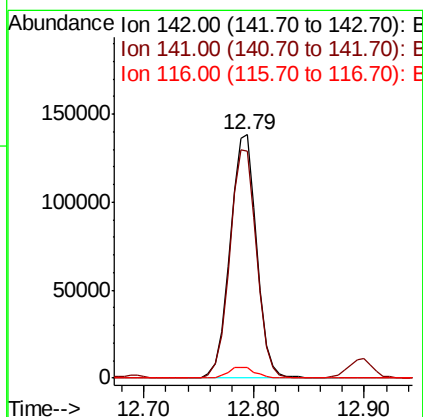
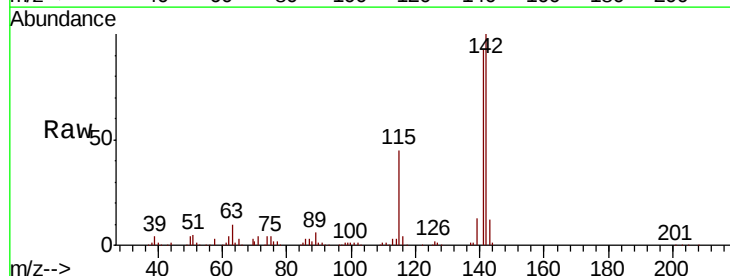
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

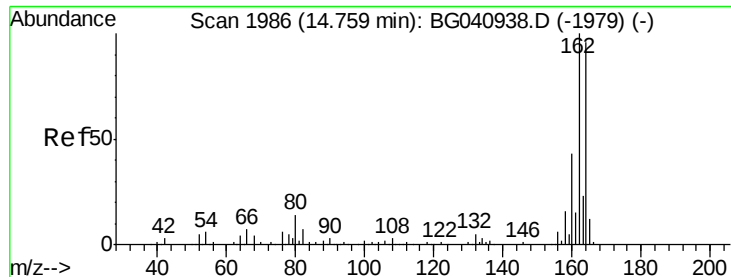
Tgt Ion:142 Resp: 245784
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.2 108.4
 115 44.8 36.2 54.4



#38
 1-Methylnaphthalene
 Concen: 35.817 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion:142 Resp: 232834
 Ion Ratio Lower Upper
 142 100
 141 93.4 75.7 113.5
 116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

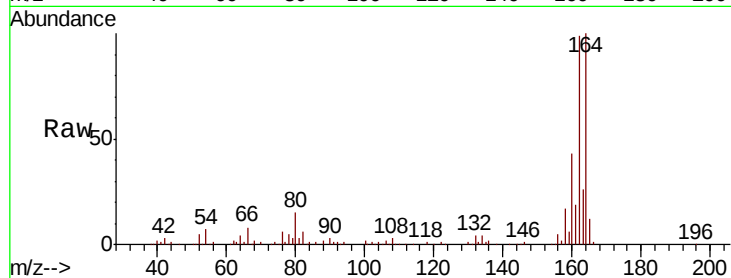
Tgt Ion:164 Resp: 128939

Ion Ratio Lower Upper

164 100

162 98.5 83.0 124.4

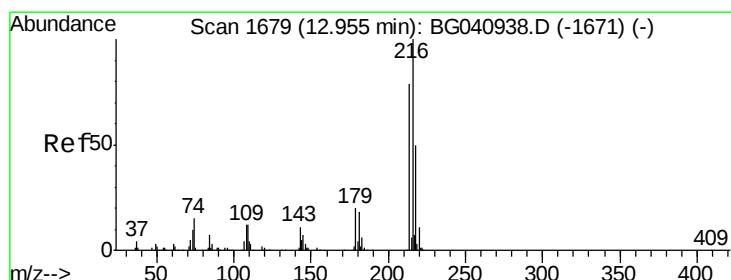
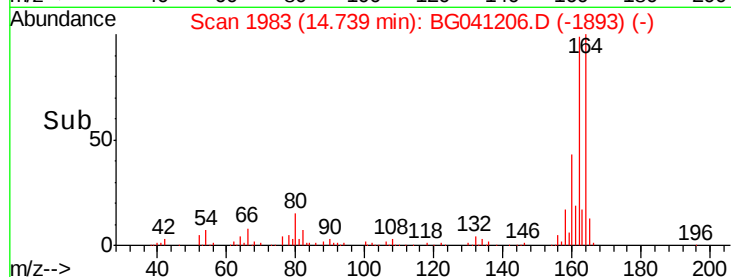
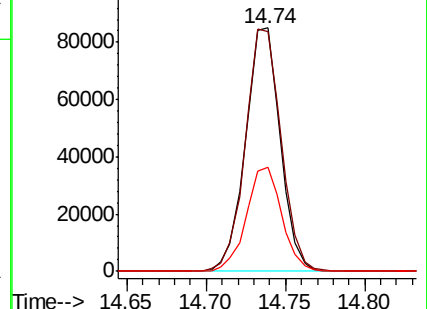
160 42.7 35.6 53.4



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: 35.075 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:216 Resp: 182284

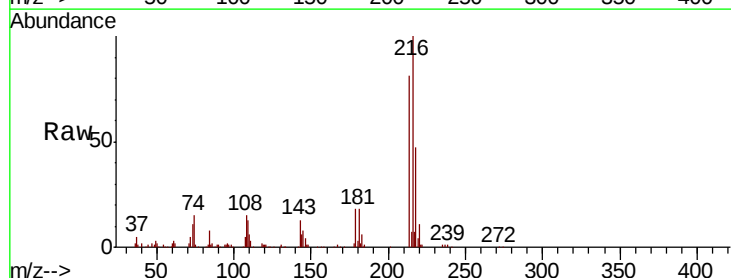
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 18.9 15.2 22.8

108 16.0 11.4 17.2

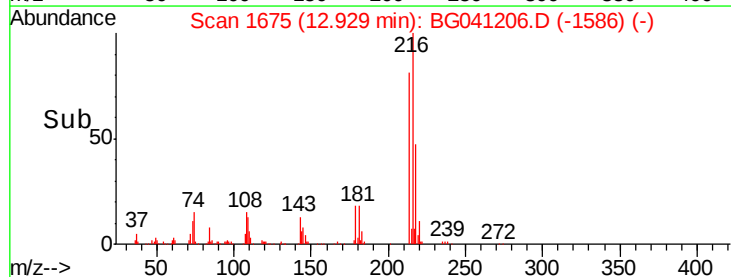
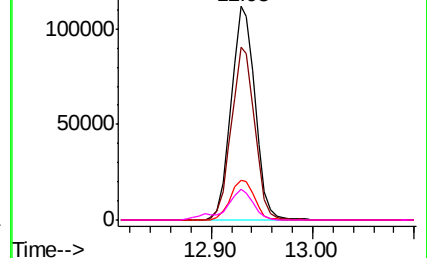


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.212 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

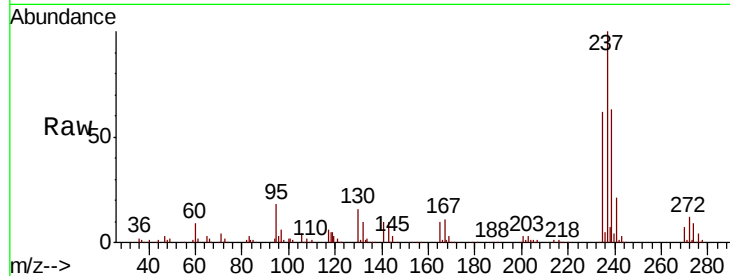
Tgt Ion: 237 Resp: 186779

Ion Ratio Lower Upper

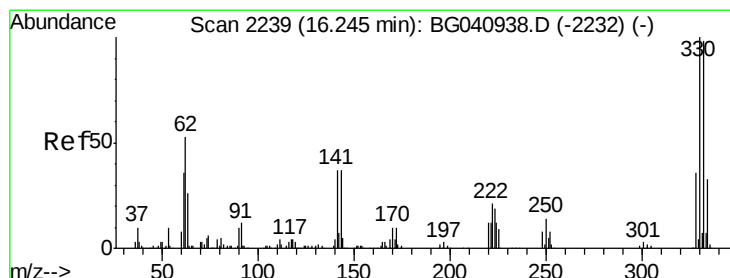
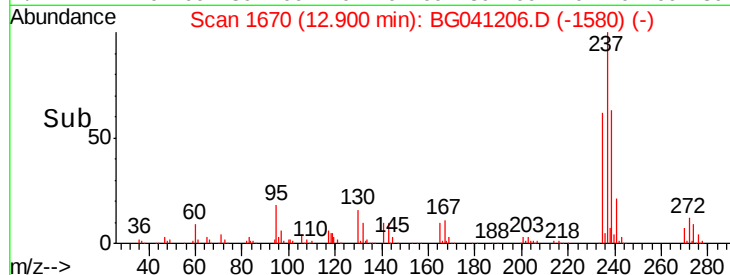
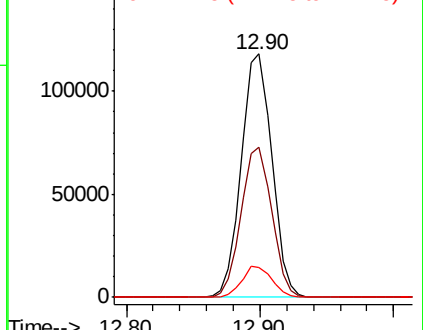
237 100

235 61.8 45.5 85.5

272 12.4 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: 124.745 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

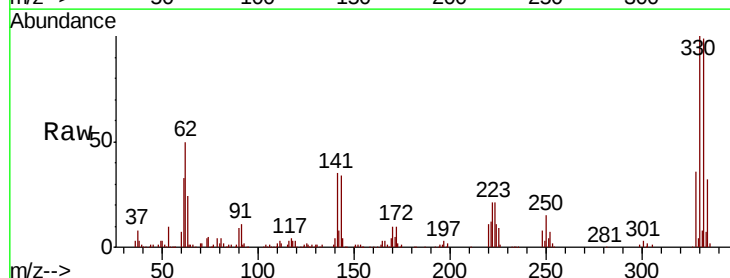
Tgt Ion: 330 Resp: 238786

Ion Ratio Lower Upper

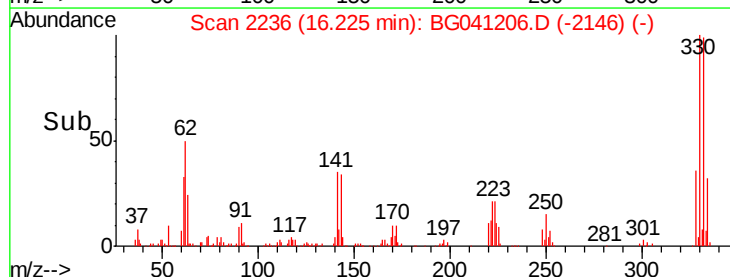
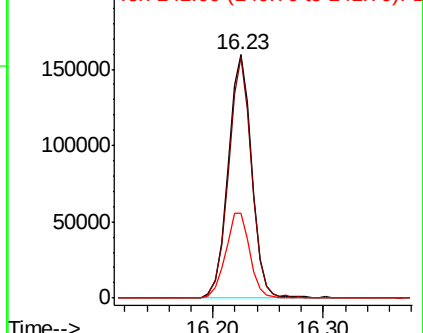
330 100

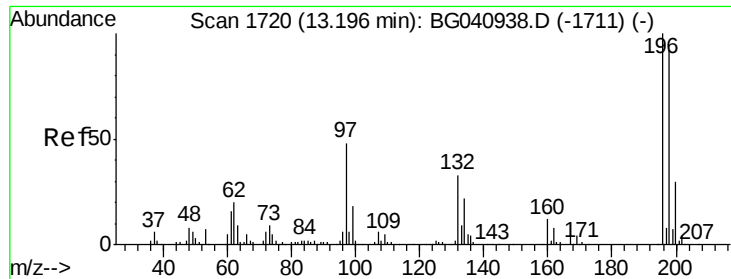
332 96.4 78.5 117.7

141 35.7 28.7 43.1



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

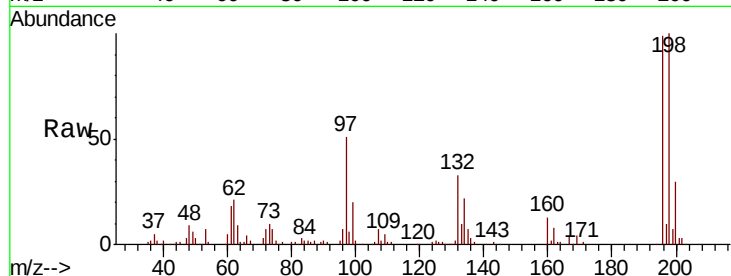




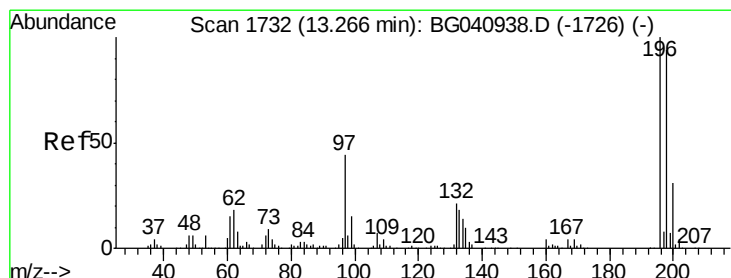
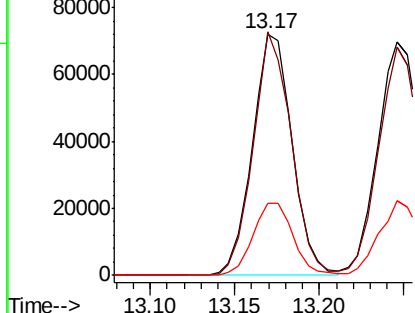
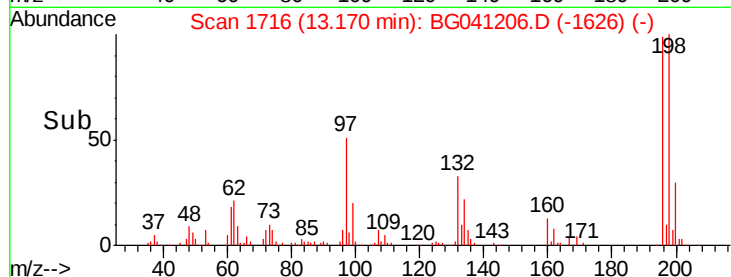
#43
 2,4,6-Trichlorophenol
 Concen: 34.878 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion:196 Resp: 117259
 Ion Ratio Lower Upper
 196 100
 198 100.9 73.8 110.6
 200 29.9 24.1 36.1

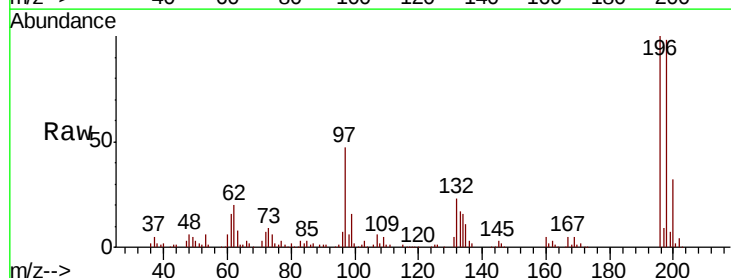


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

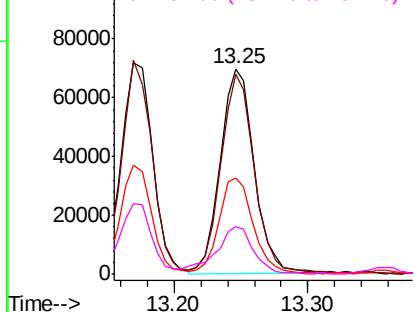
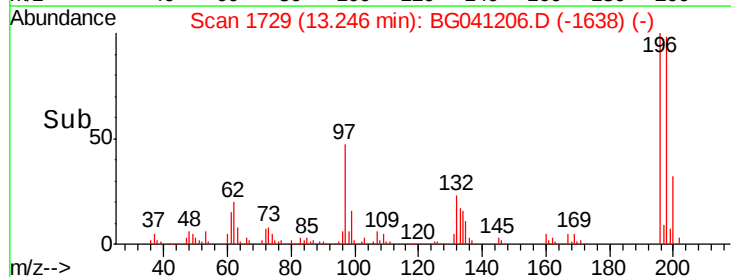


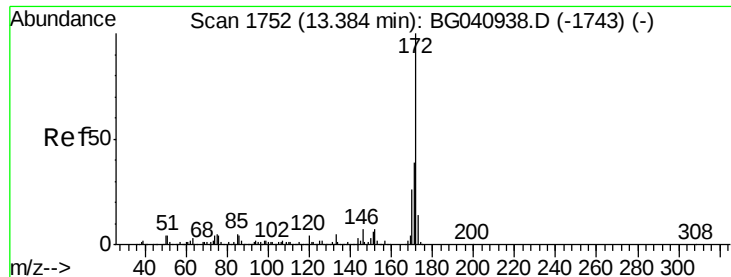
#44
 2,4,5-Trichlorophenol
 Concen: 35.085 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion:196 Resp: 124399
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.1 112.7
 97 46.8 35.6 53.4
 132 22.8 16.7 25.1



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

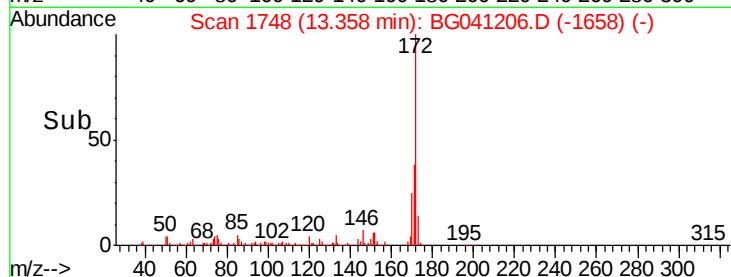
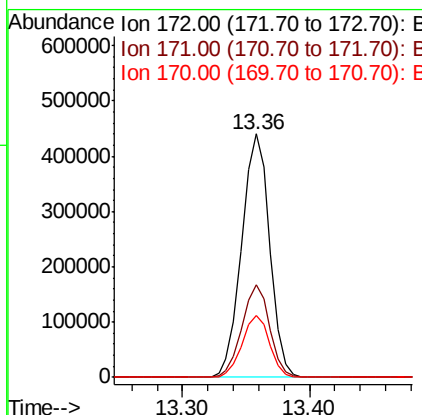
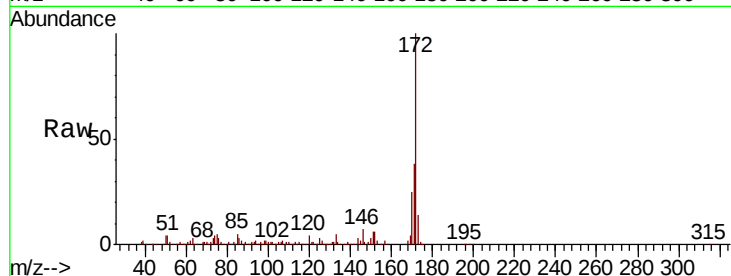




#45
2-Fluorobiphenyl
Concen: 75.371 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

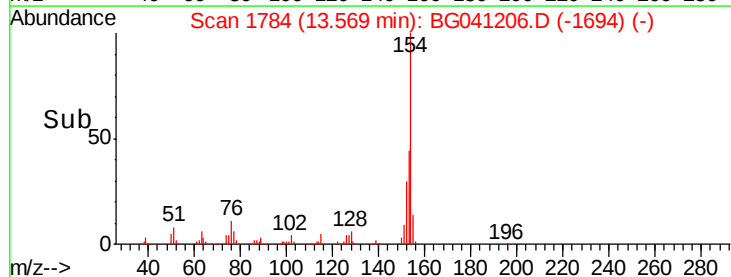
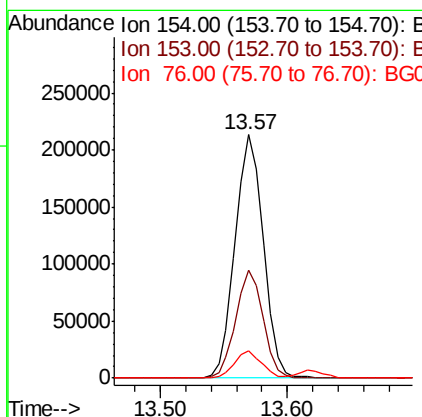
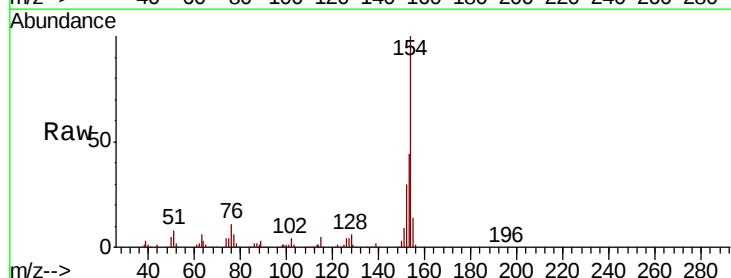
Instrument :
BNA_G
ClientSampleId :
200030-200034MS

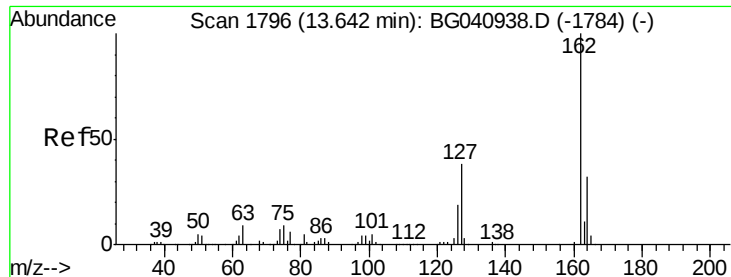
Tgt Ion:172 Resp: 674829
Ion Ratio Lower Upper
172 100
171 38.1 31.1 46.7
170 25.2 20.5 30.7



#46
1,1'-Biphenyl
Concen: 34.401 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:154 Resp: 328335
Ion Ratio Lower Upper
154 100
153 44.2 23.3 63.3
76 11.4 0.0 31.1

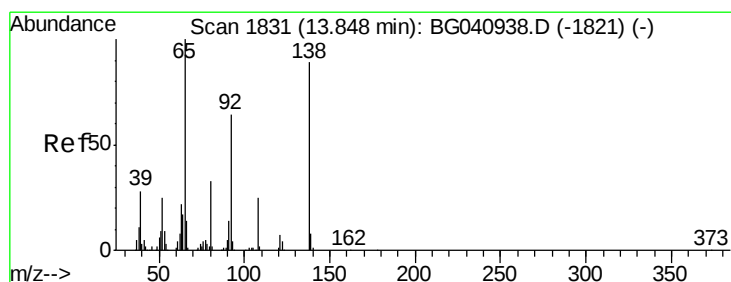
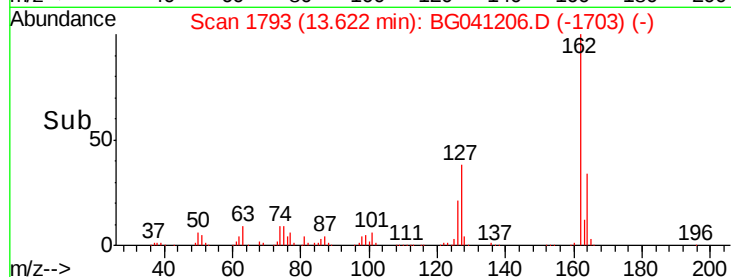
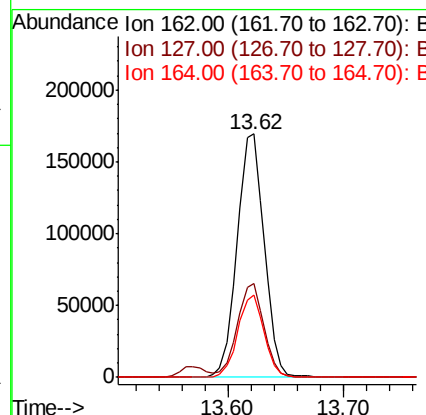
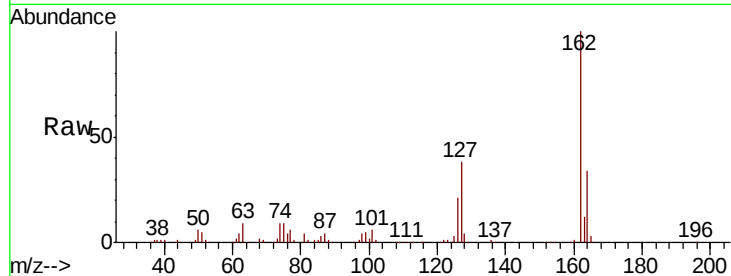




#47
 2-Chloronaphthalene
 Concen: 33.646 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

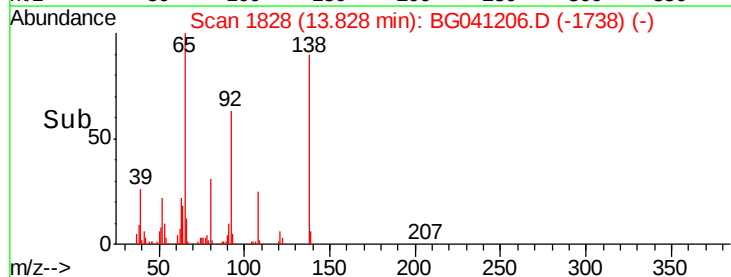
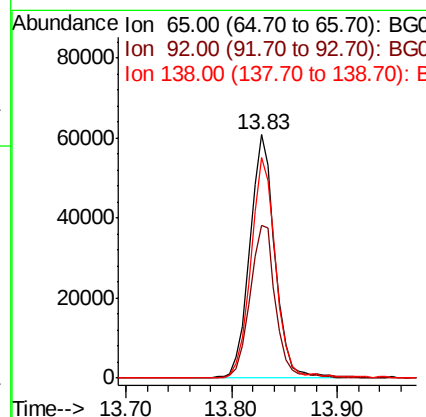
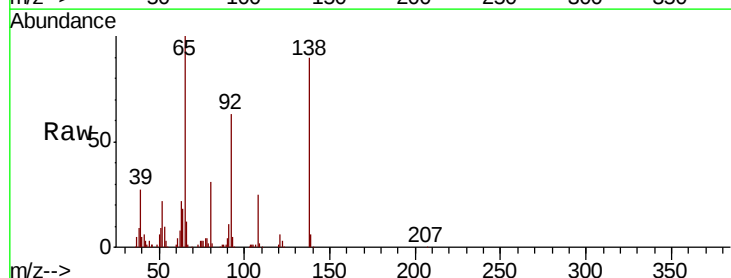
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

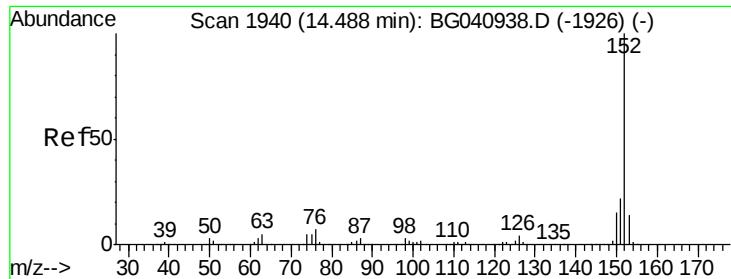
Tgt Ion: 162 Resp: 275686
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.5 45.7
 164 33.6 25.8 38.6



#48
 2-Nitroaniline
 Concen: 34.126 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion: 65 Resp: 100313
 Ion Ratio Lower Upper
 65 100
 92 62.7 51.0 76.6
 138 90.5 71.2 106.8





#49

Acenaphthylene

Concen: 35.228 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

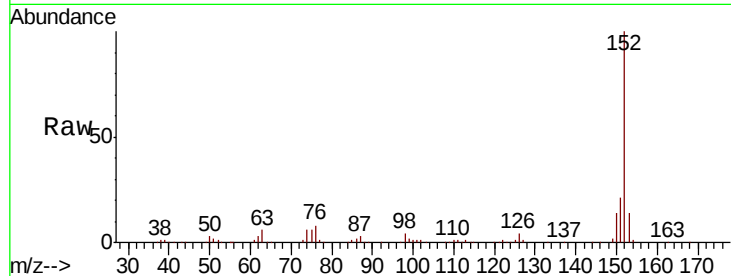
Tgt Ion:152 Resp: 434434

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

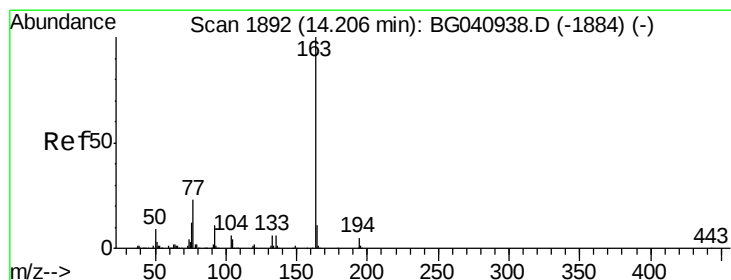
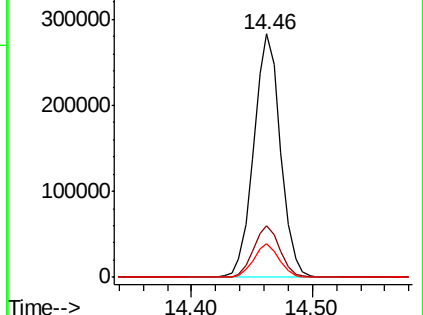
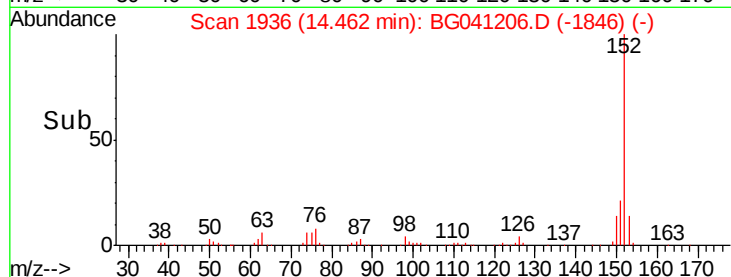
153 14.1 11.0 16.4



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: 39.948 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

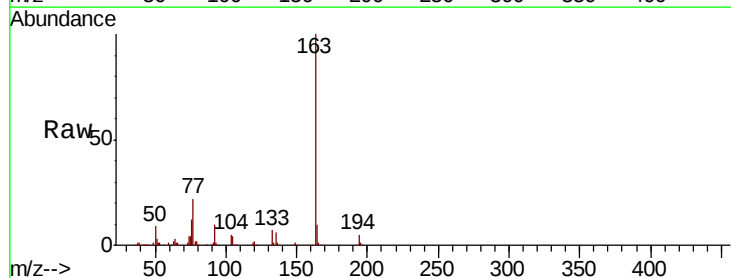
Tgt Ion:163 Resp: 436017

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

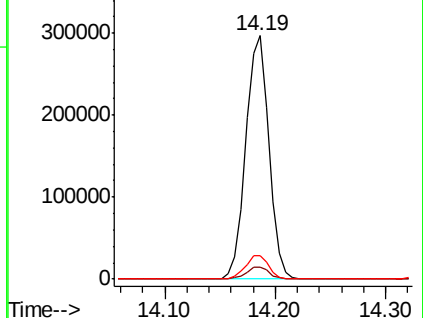
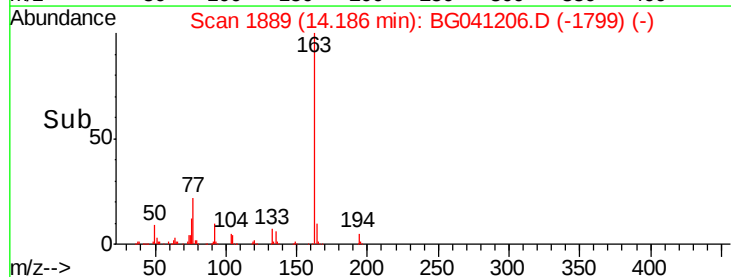
164 9.7 8.7 13.1



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

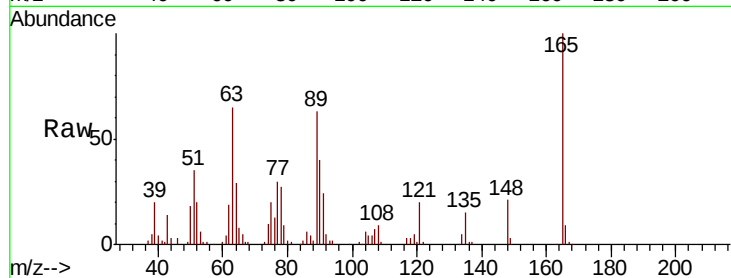




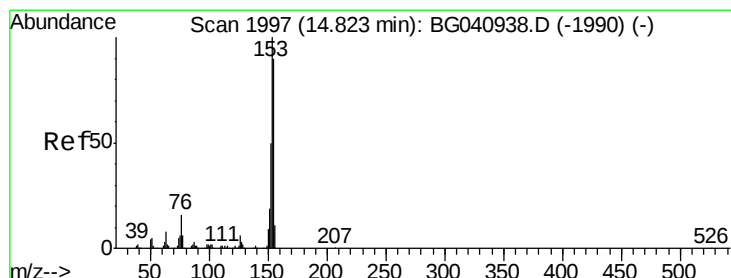
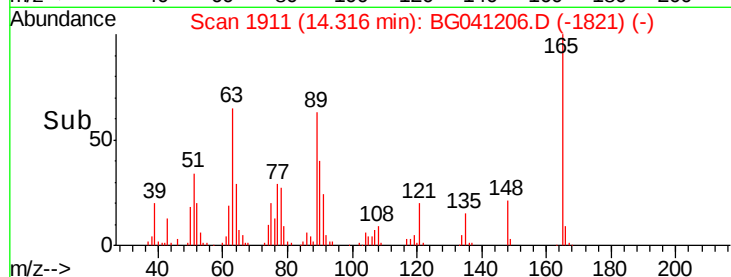
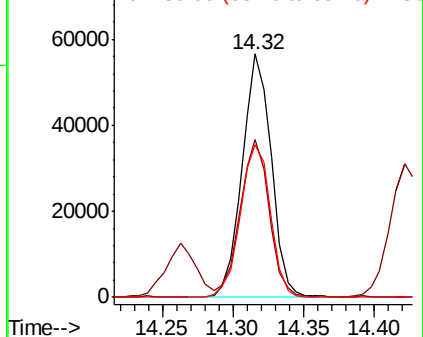
#51
2,6-Dinitrotoluene
Concen: 34.684 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion:165 Resp: 81622
Ion Ratio Lower Upper
165 100
63 64.8 53.6 80.4
89 62.7 50.4 75.6

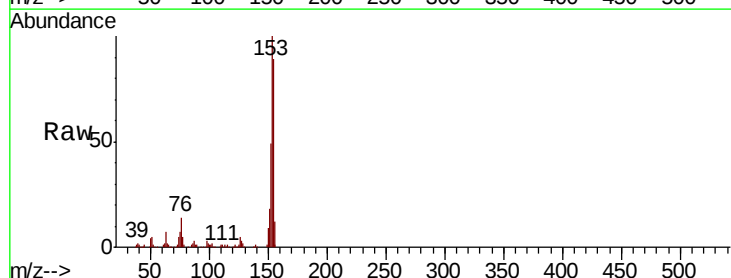


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

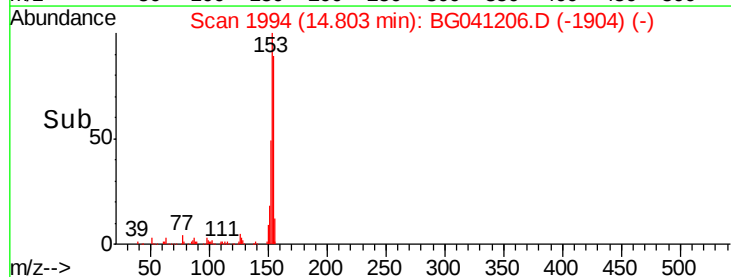
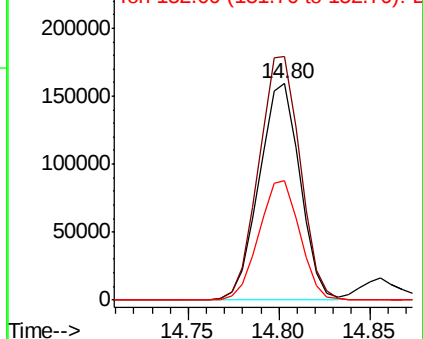


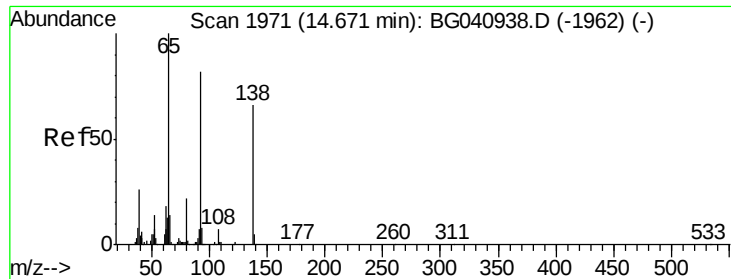
#52
Acenaphthene
Concen: 33.432 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:154 Resp: 249755
Ion Ratio Lower Upper
154 100
153 112.4 88.6 133.0
152 55.3 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: 28.061 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

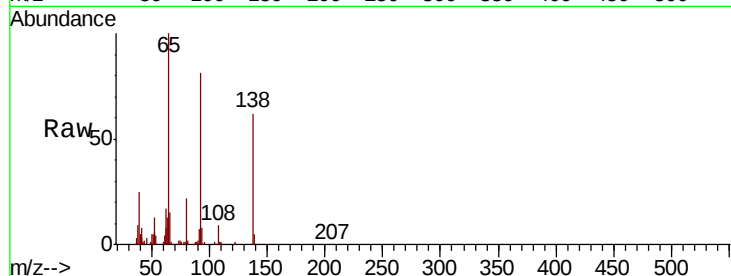
Tgt Ion:138 Resp: 66035

Ion Ratio Lower Upper

138 100

108 14.2 8.5 12.7#

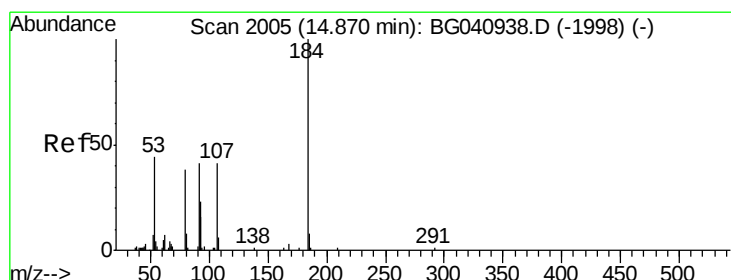
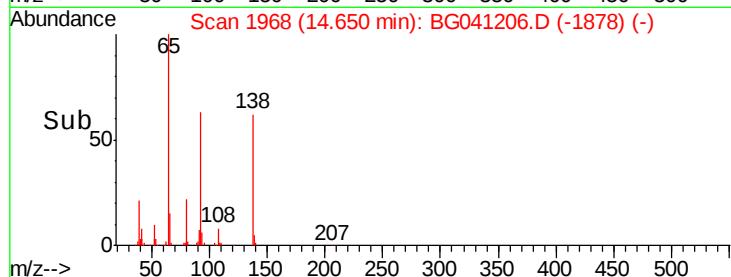
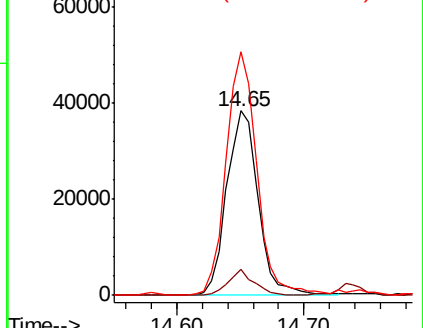
92 132.1 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 45.247 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

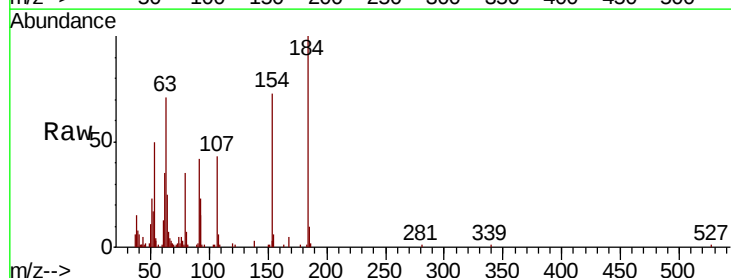
Tgt Ion:184 Resp: 43379

Ion Ratio Lower Upper

184 100

63 70.8 49.8 74.6

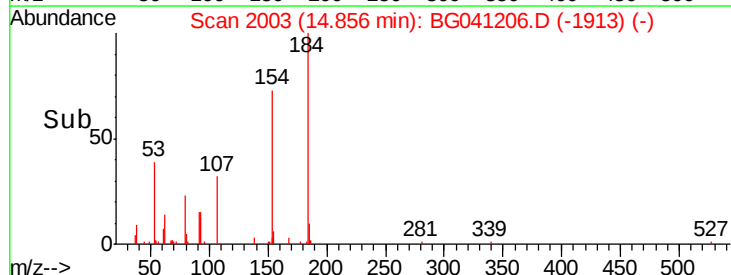
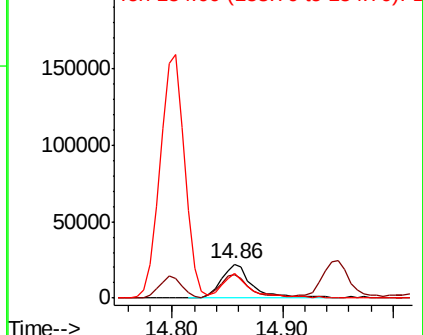
154 72.7 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.785 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

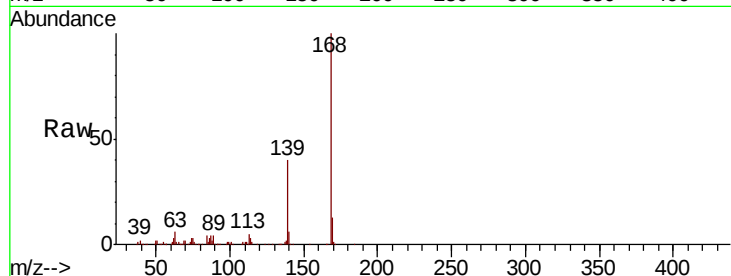
Tgt Ion:168 Resp: 437259

Ion Ratio Lower Upper

168 100

139 40.0 32.8 49.2

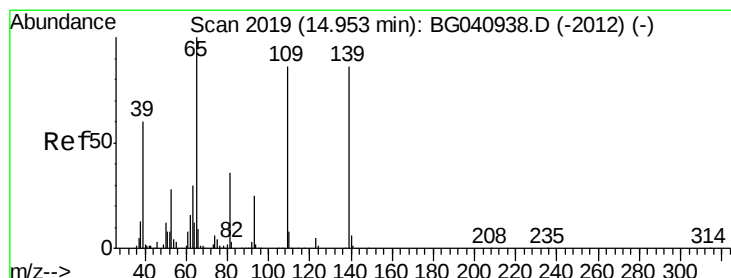
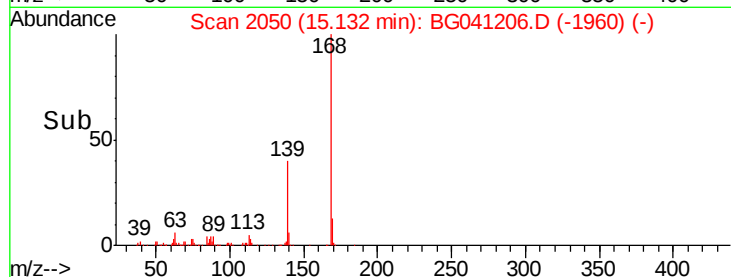
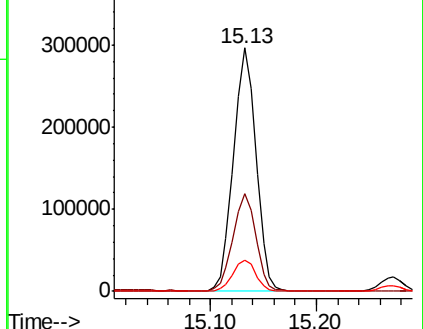
169 12.9 11.3 16.9



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: 67.078 ng

RT: 14.95 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

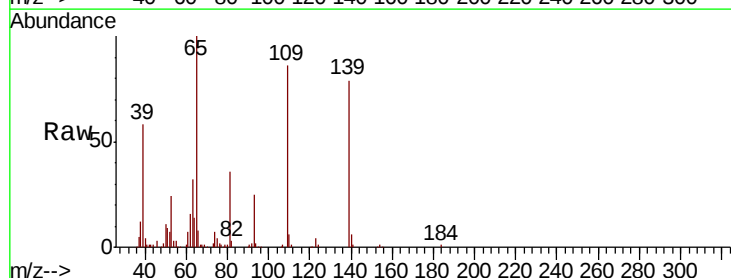
Tgt Ion:139 Resp: 108270

Ion Ratio Lower Upper

139 100

109 109.2 79.6 119.6

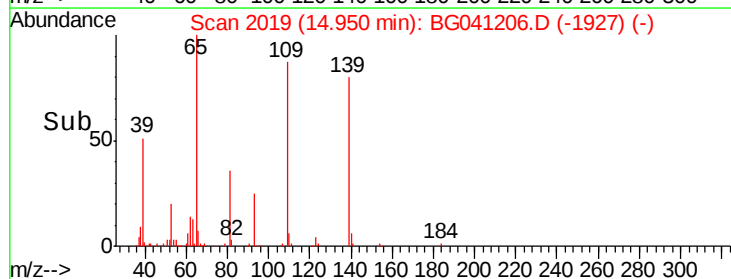
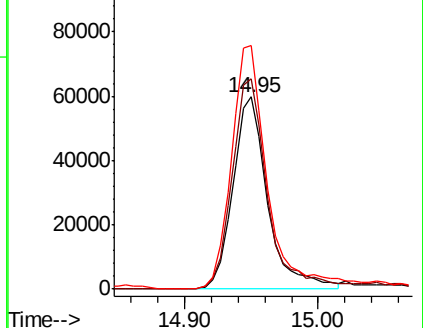
65 126.7 96.9 136.9



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

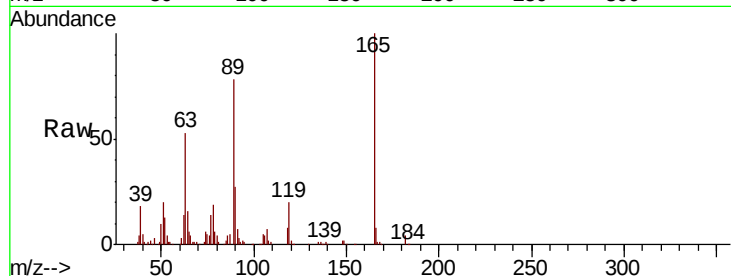




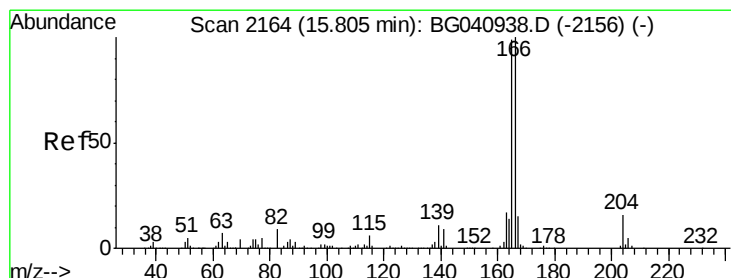
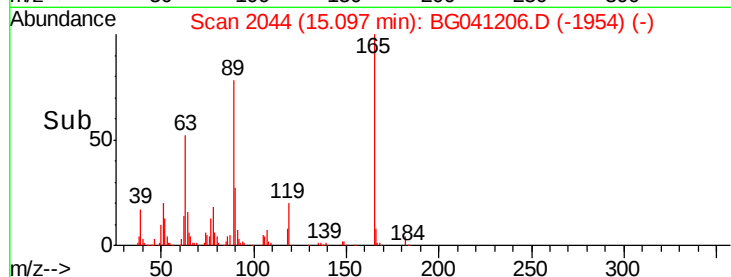
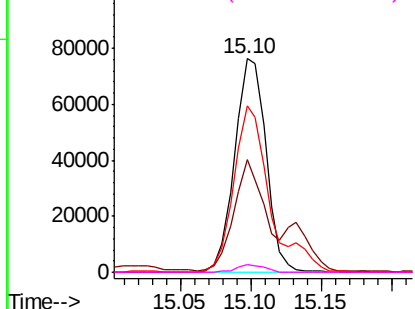
#57
2,4-Dinitrotoluene
Concen: 35.626 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion:165 Resp: 118429
Ion Ratio Lower Upper
165 100
63 52.6 37.3 55.9
89 78.1 61.0 91.6
182 3.5 2.2 3.2#

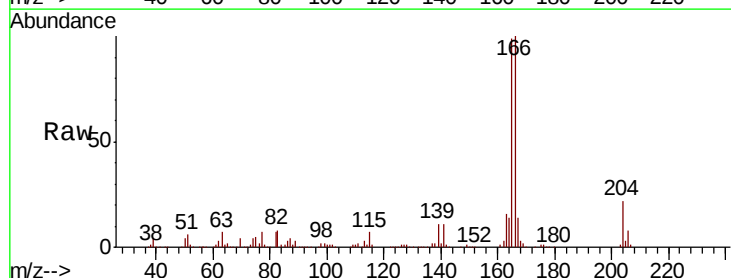


Abundance Ion 165.00 (164.70 to 165.70): E
120000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

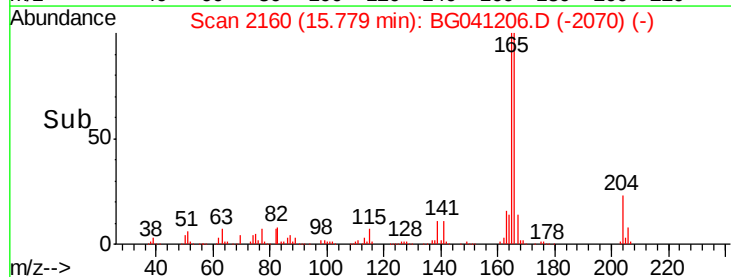
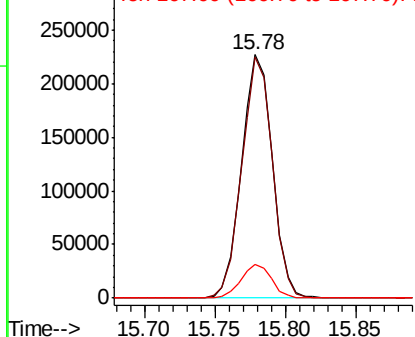


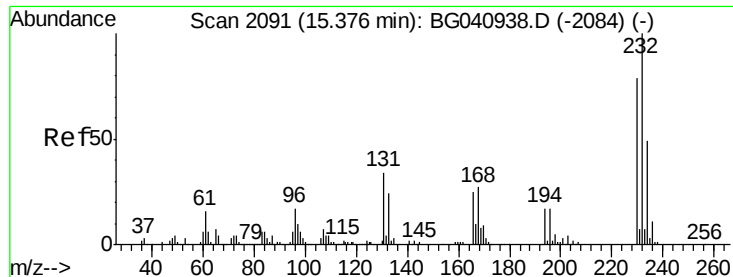
#58
Fluorene
Concen: 34.666 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:166 Resp: 347038
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 14.0 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
300000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

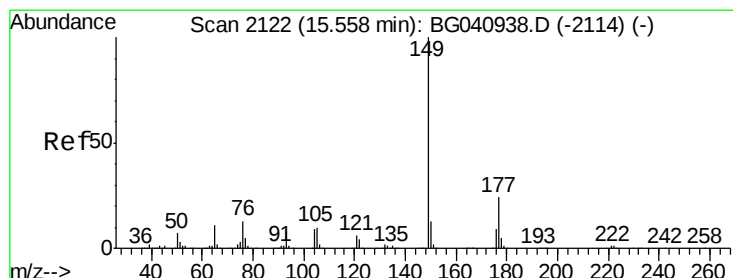
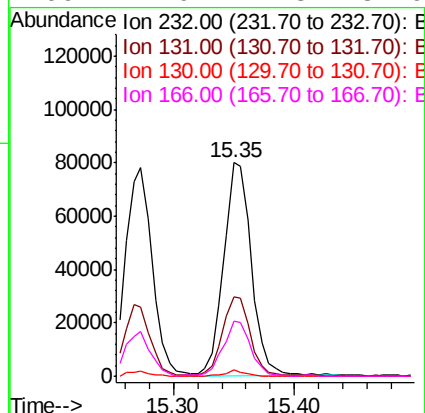
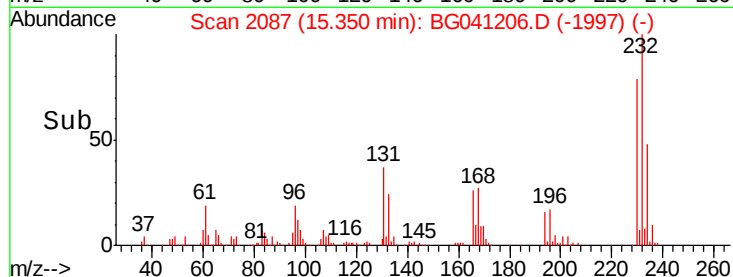
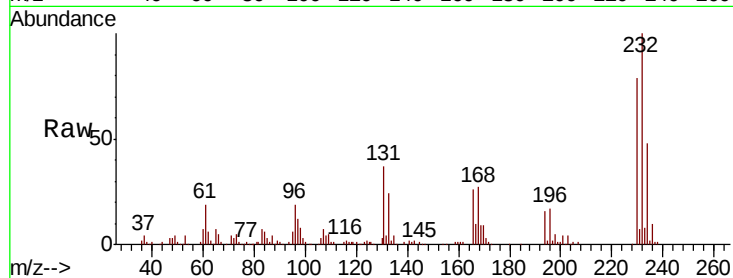




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.379 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

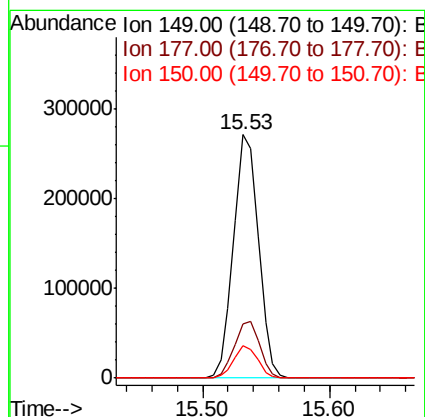
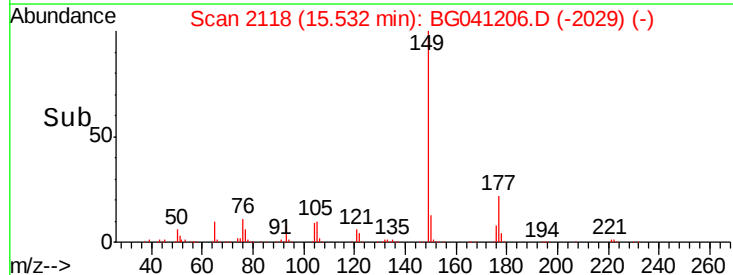
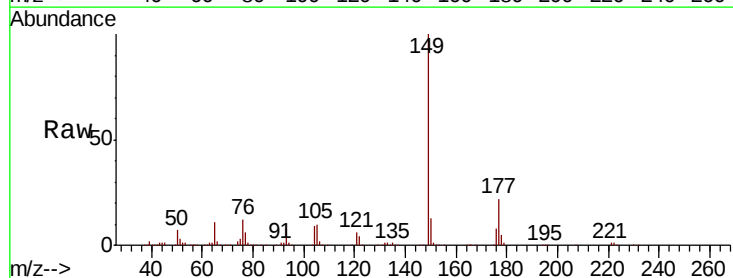
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion:	232	Resp:	126761
Ion	Ratio	Lower	Upper
232	100		
131	36.4	30.3	45.5
130	2.2	1.8	2.8
166	24.9	21.3	31.9



#60
 Diethylphthalate
 Concen: 33.168 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion:	149	Resp:	369453
Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.4	29.0
150	13.1	10.3	15.5

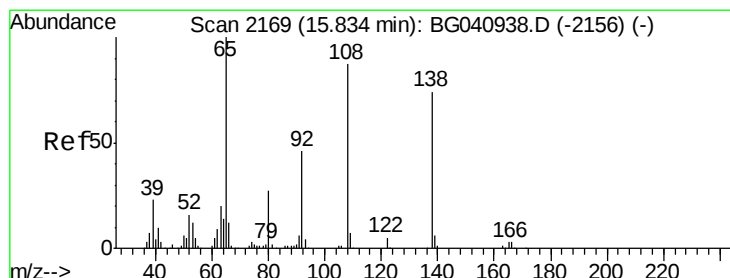
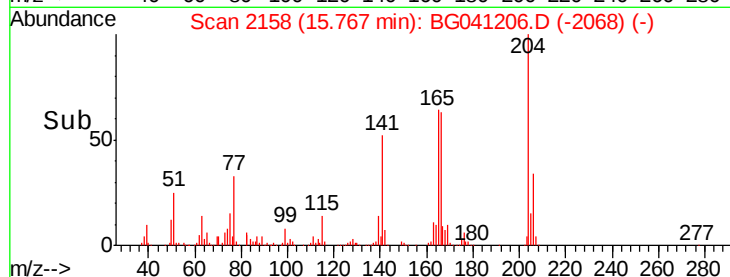
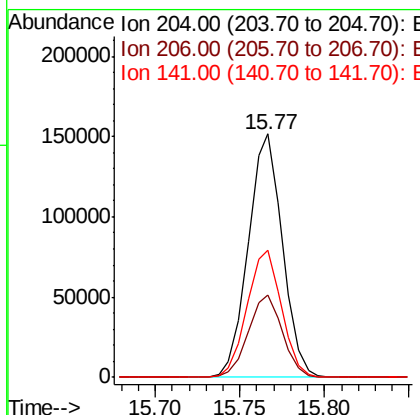
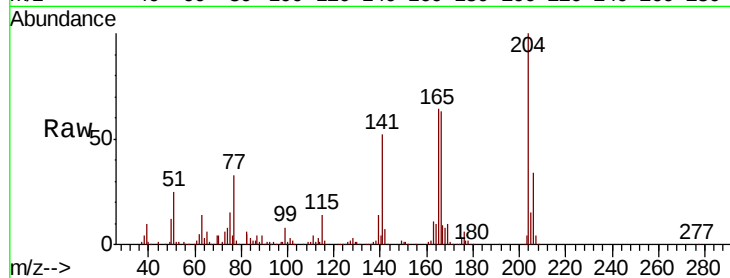




#61
 4-Chlorophenyl-phenylether
 Concen: 32.763 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

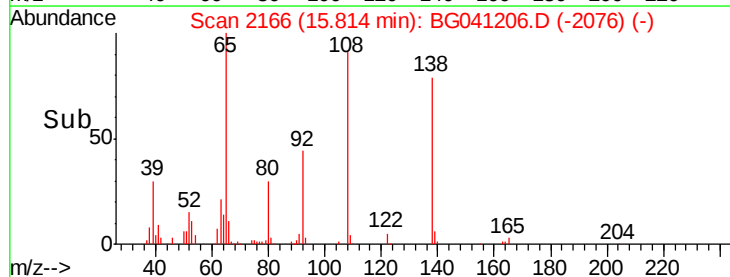
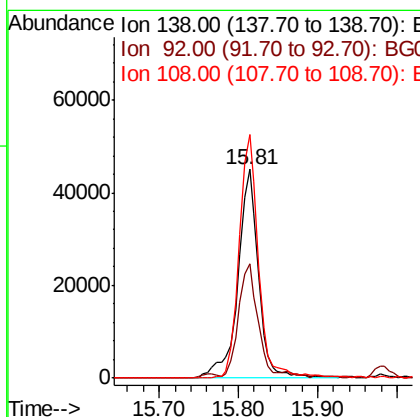
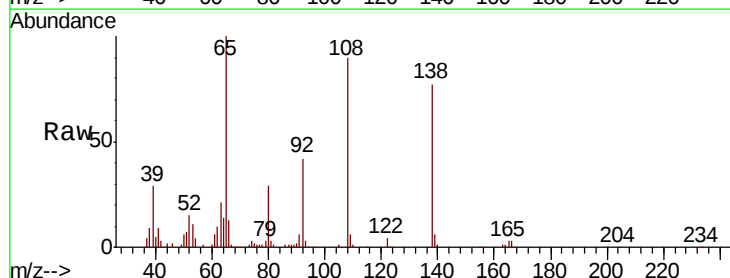
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tgt Ion: 204 Resp: 213184
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.6 41.4
 141 52.4 45.1 67.7



#62
 4-Nitroaniline
 Concen: 32.578 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion: 138 Resp: 81163
 Ion Ratio Lower Upper
 138 100
 92 55.1 42.4 82.4
 108 116.8 96.9 136.9





#63

Azobenzene

Concen: 33.274 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

Tgt Ion: 77 Resp: 336864

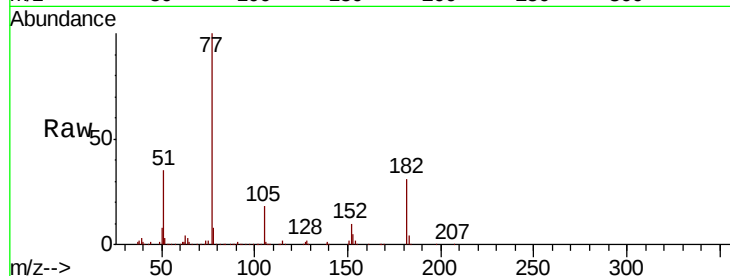
Ion Ratio Lower Upper

77 100

182 31.2 9.6 49.6

105 18.1 0.0 37.5

51 34.7 13.7 53.7

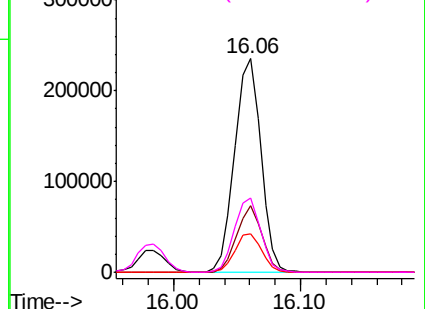
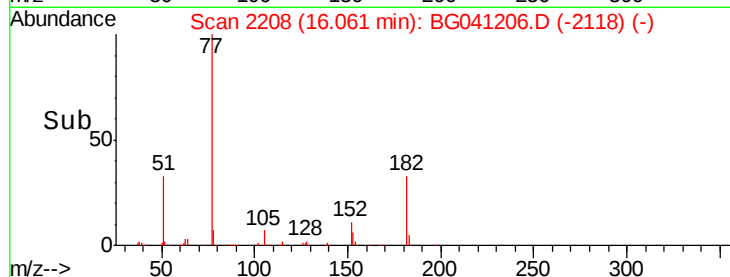


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

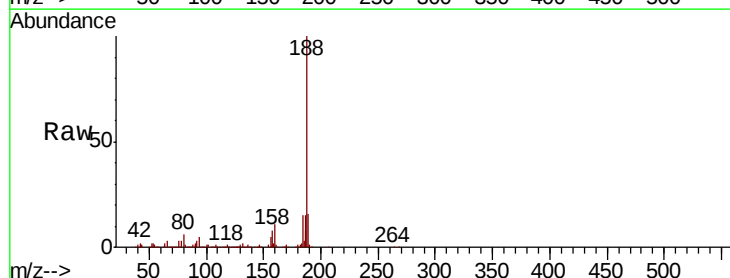
Tgt Ion: 188 Resp: 308763

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

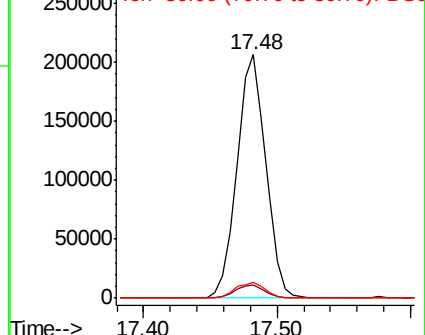
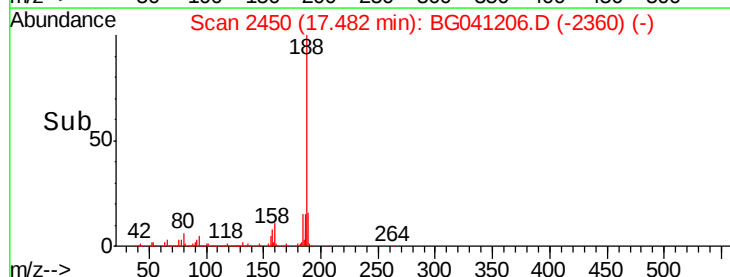
80 6.2 5.8 8.8

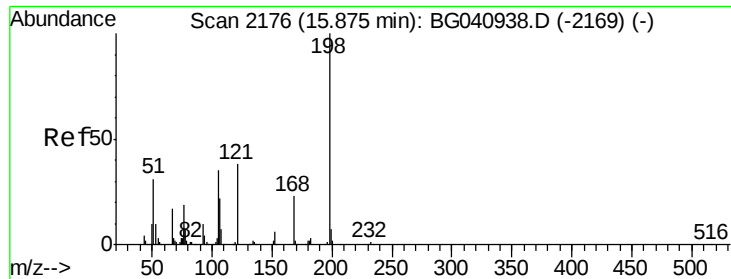


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

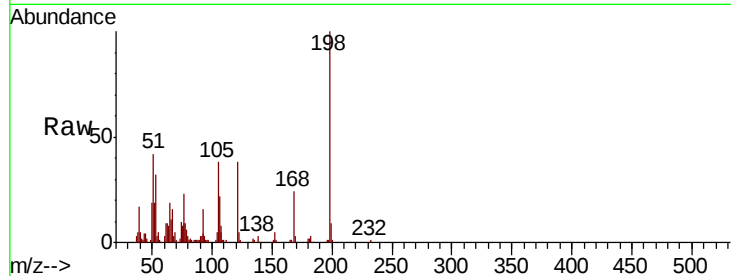




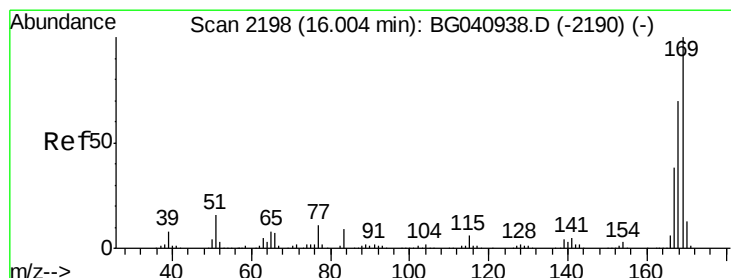
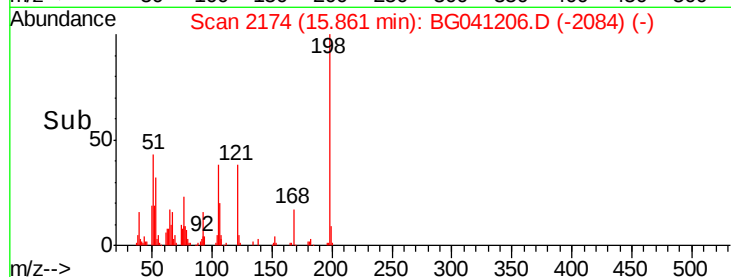
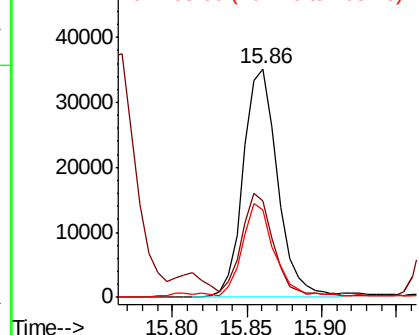
#65
4,6-Dinitro-2-methylphenol
Concen: 36.536 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion:198 Resp: 56316
Ion Ratio Lower Upper
198 100
51 42.0 21.6 61.6
105 38.2 17.5 57.5

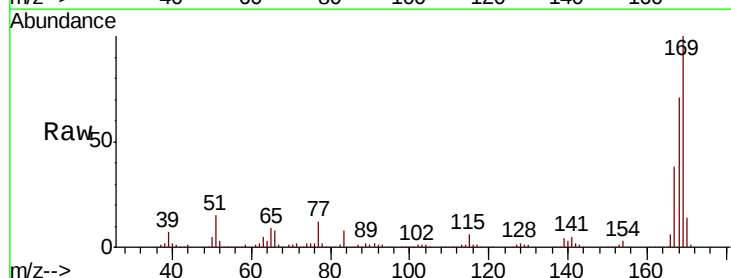


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

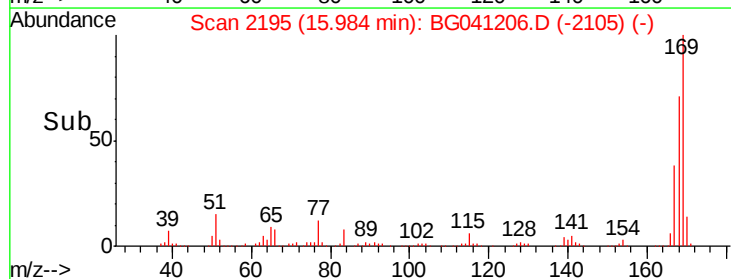
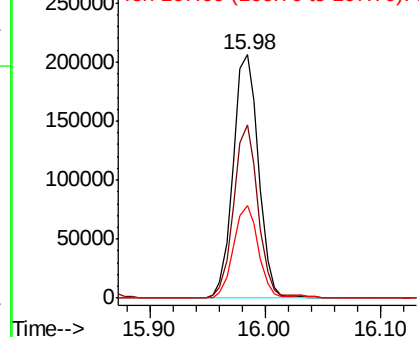


#66
n-Nitrosodiphenylamine
Concen: 35.975 ng
RT: 15.98 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:169 Resp: 312255
Ion Ratio Lower Upper
169 100
168 71.2 55.7 83.5
167 38.1 30.2 45.2



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

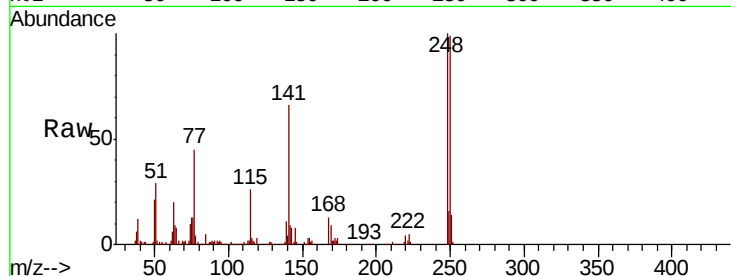




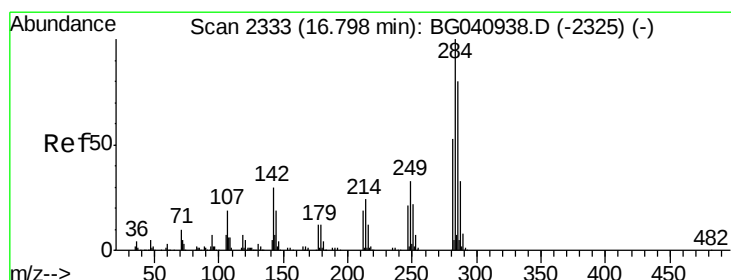
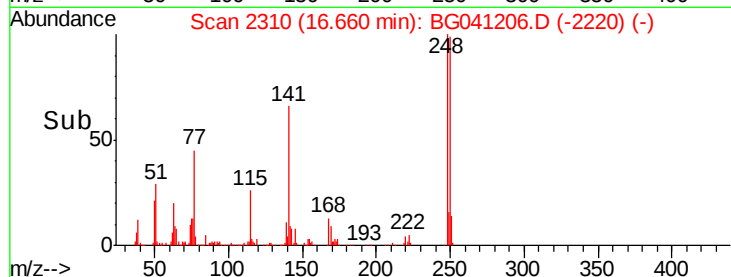
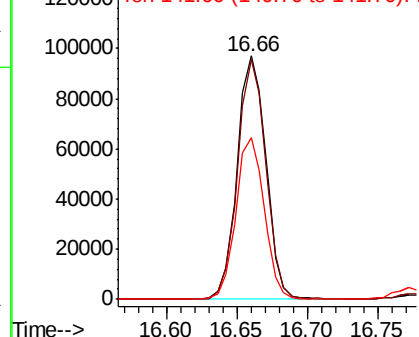
#67
4-Bromophenyl-phenylether
Concen: 33.029 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tgt Ion:248 Resp: 137628
Ion Ratio Lower Upper
248 100
250 98.5 75.0 112.4
141 66.2 52.4 78.6

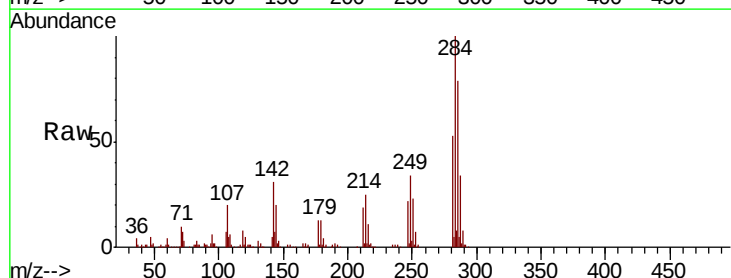


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

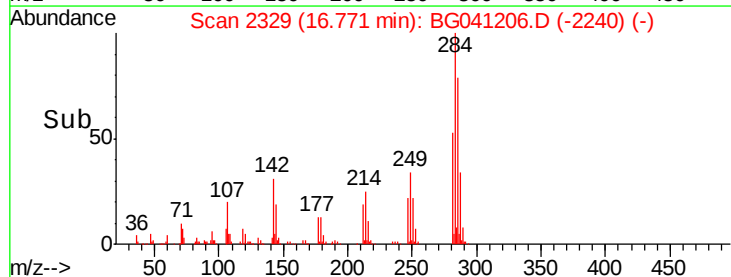
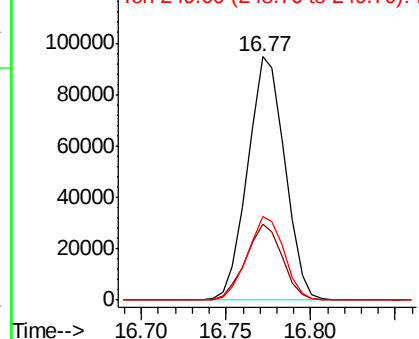


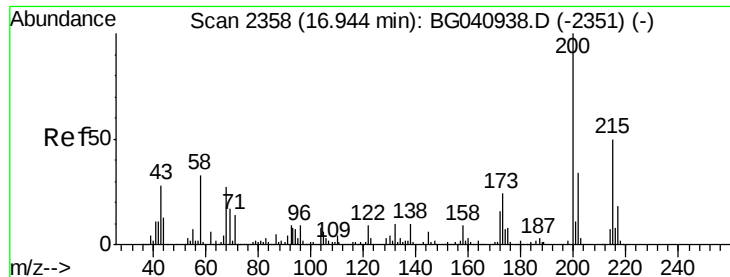
#68
Hexachlorobenzene
Concen: 32.676 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:284 Resp: 144984
Ion Ratio Lower Upper
284 100
142 31.4 23.9 35.9
249 34.3 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: 39.754 ng

RT: 16.92 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

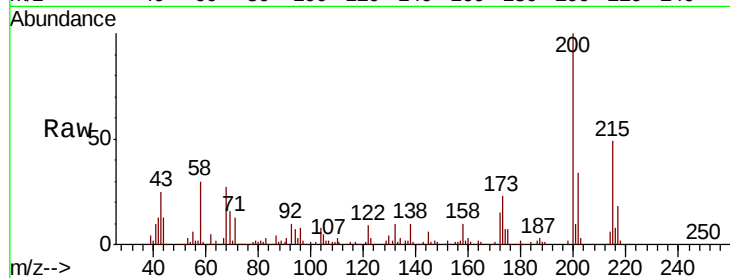
Tgt Ion:200 Resp: 133139

Ion Ratio Lower Upper

200 100

173 23.5 3.6 43.6

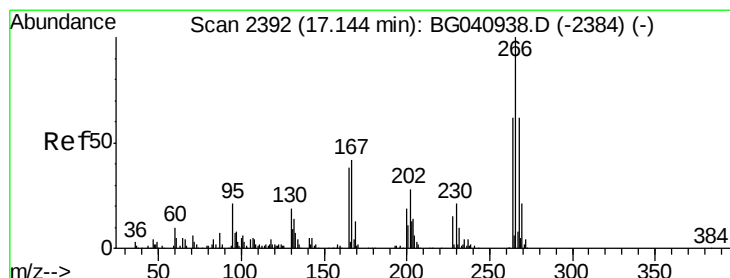
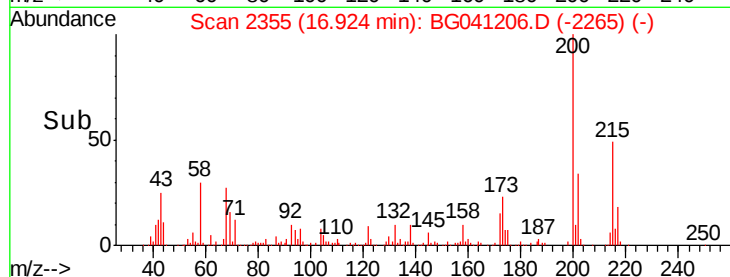
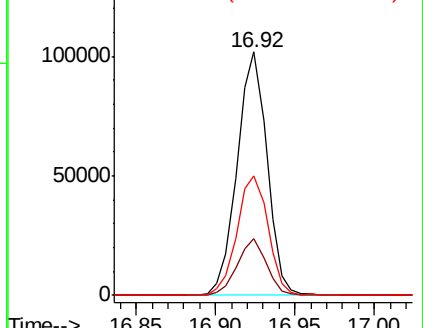
215 49.1 29.6 69.6



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: 67.103 ng

RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

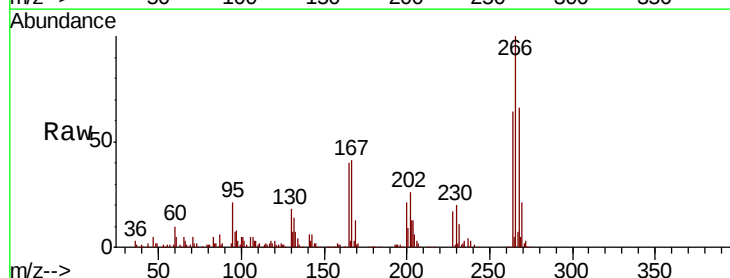
Tgt Ion:266 Resp: 157778

Ion Ratio Lower Upper

266 100

268 65.7 53.1 79.7

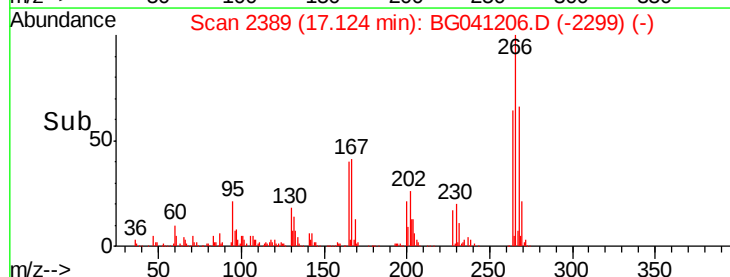
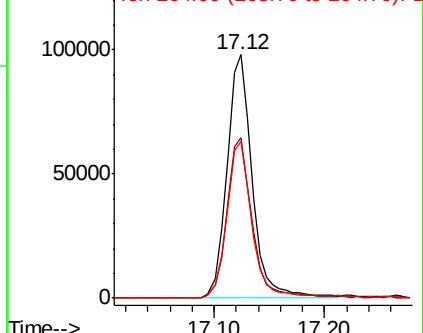
264 64.2 49.9 74.9



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

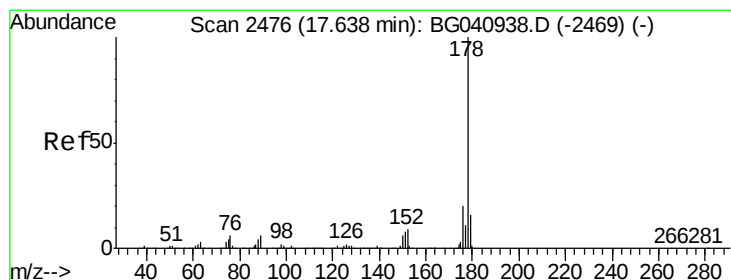
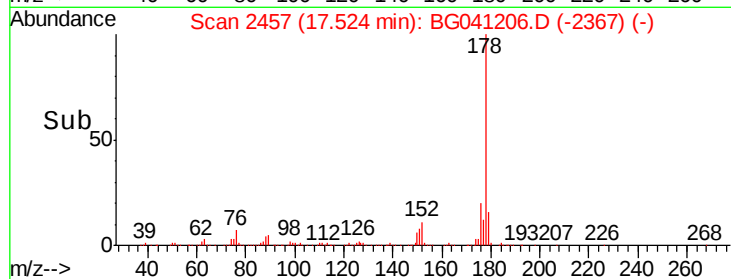
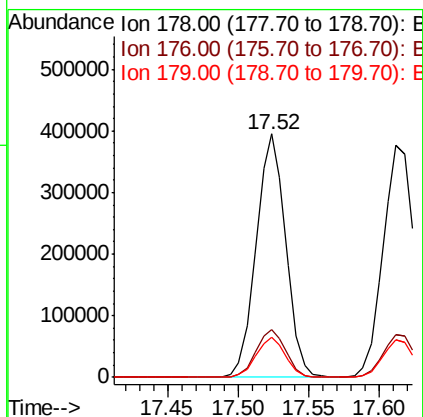
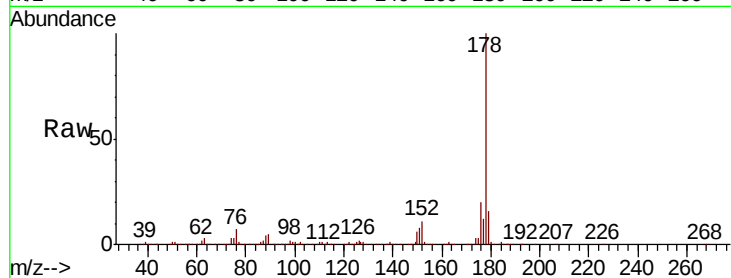




#71
Phenanthrene
Concen: 36.129 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

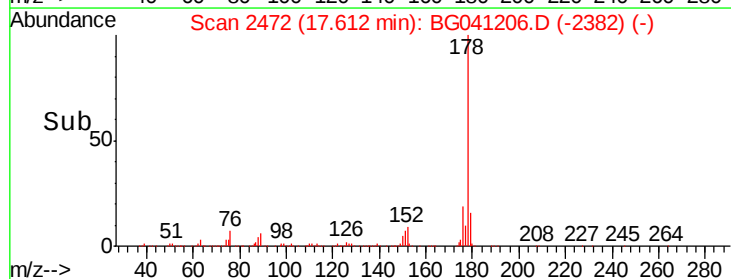
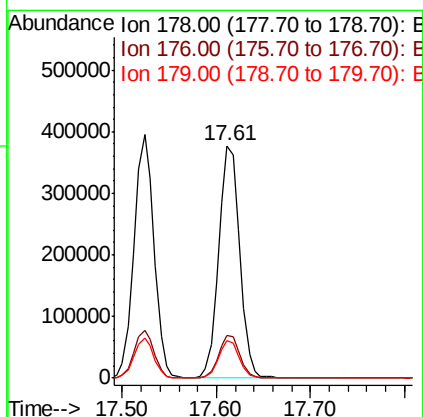
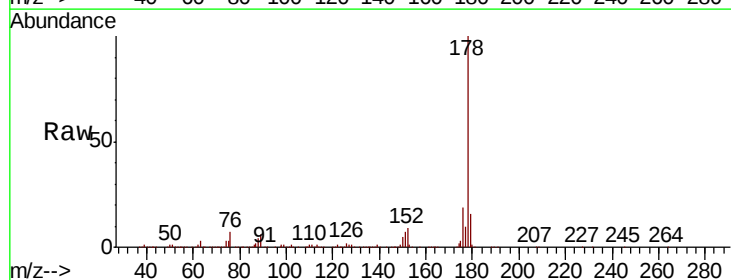
Instrument :
BNA_G
ClientSampleId :
200030-200034MS

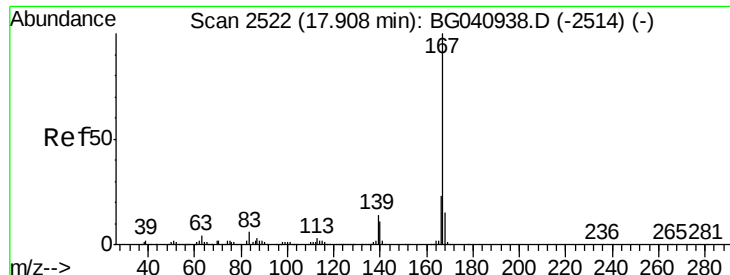
Tgt Ion:178 Resp: 581065
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.3 12.7 19.1



#72
Anthracene
Concen: 37.098 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:178 Resp: 588462
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 16.3 13.0 19.4

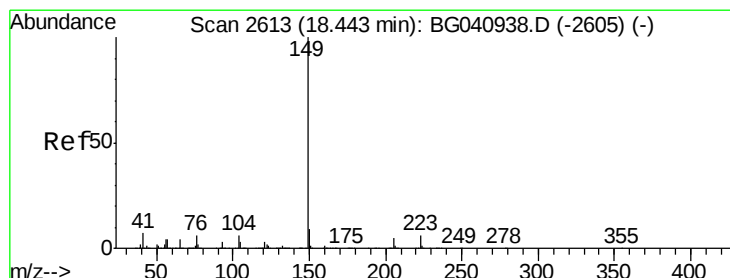
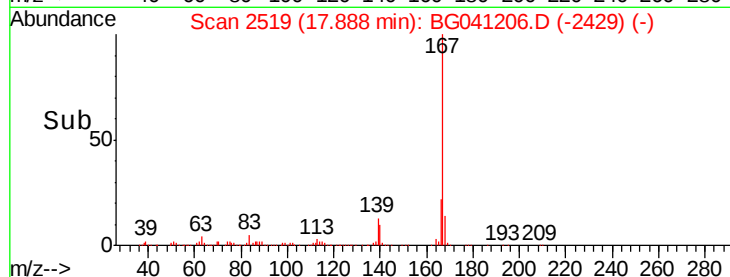
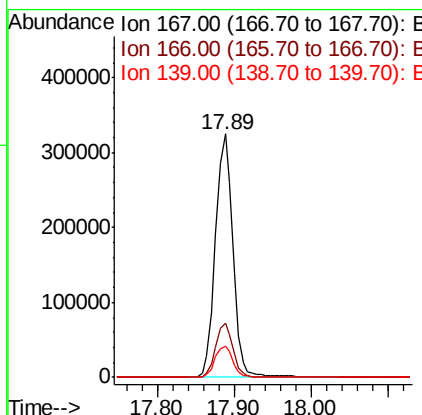
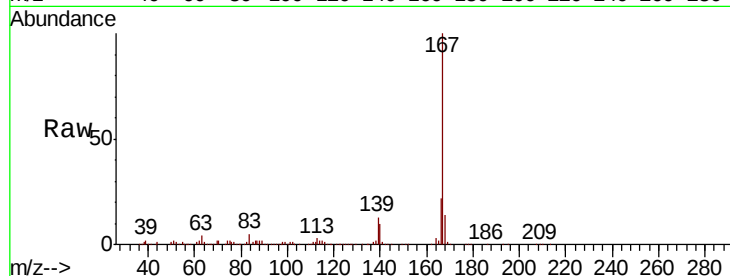




#73
 Carbazole
 Concen: 37.335 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

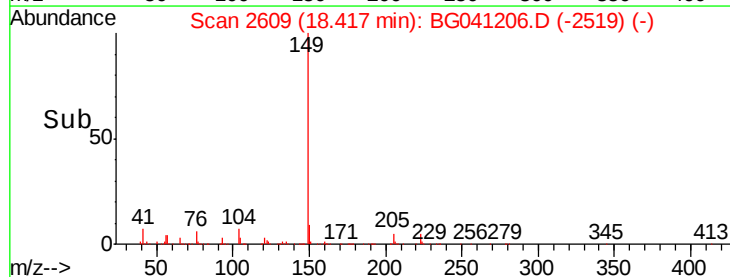
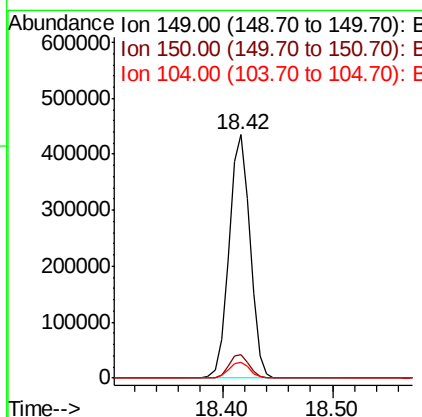
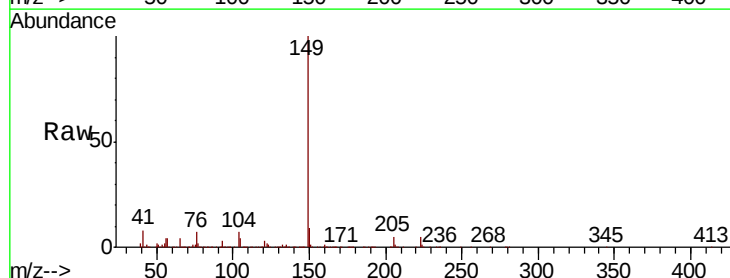
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

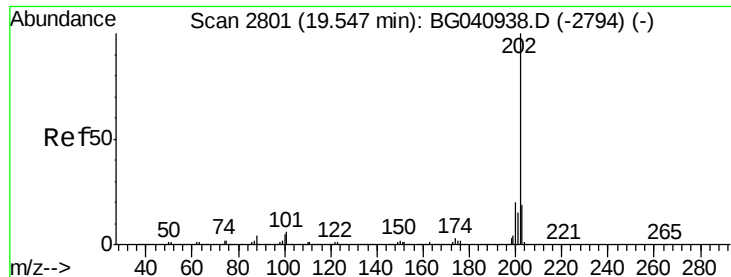
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 34.320 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 39.458 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

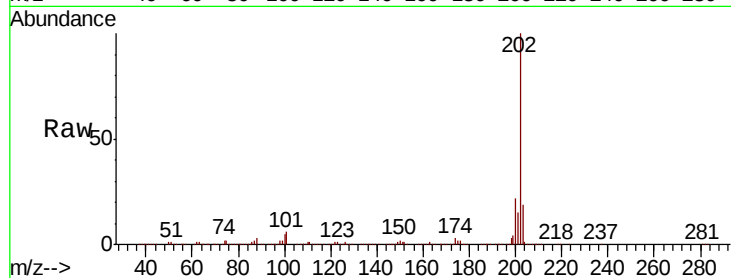
Tgt Ion:202 Resp: 783841

Ion Ratio Lower Upper

202 100

101 5.8 0.0 26.2

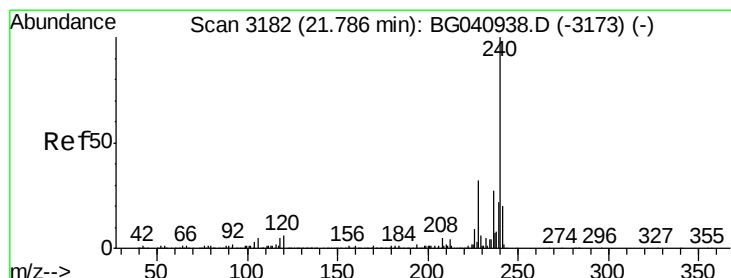
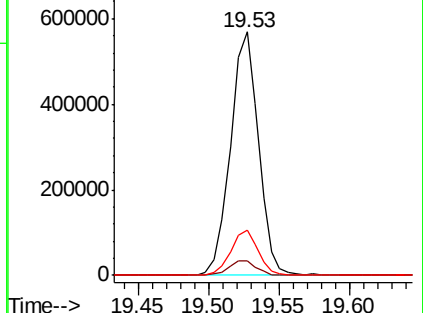
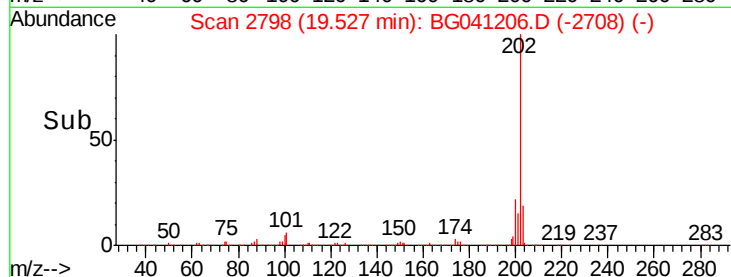
203 18.6 0.0 38.7



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: BG041206.D

Acq: 12 Jun 2019 15:01

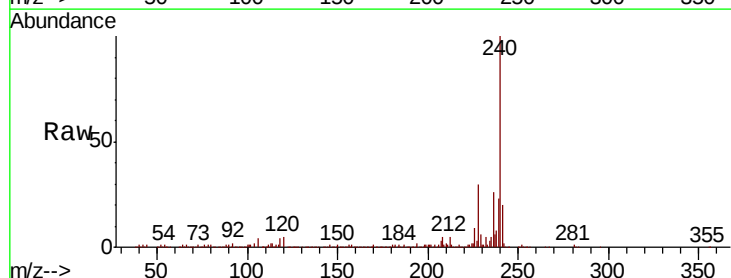
Tgt Ion:240 Resp: 307396

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

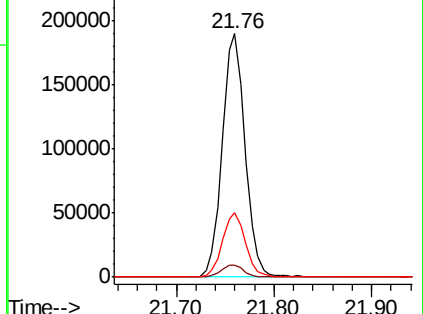
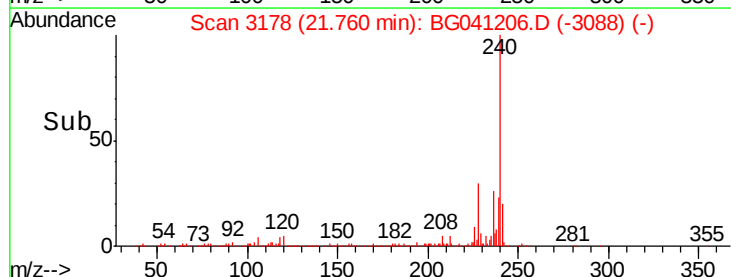
236 26.2 21.3 31.9

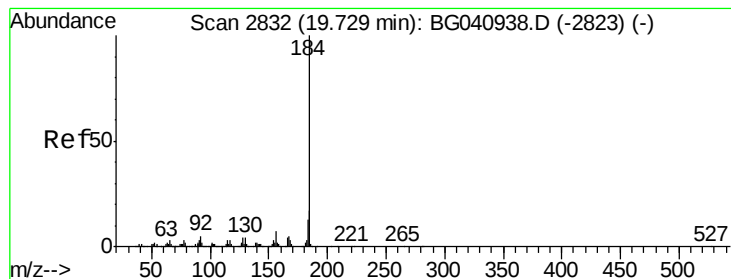


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.903 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

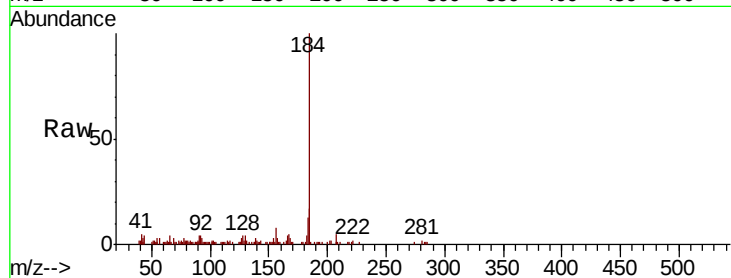
Tgt Ion:184 Resp: 57954

Ion Ratio Lower Upper

184 100

185 16.8 13.3 19.9

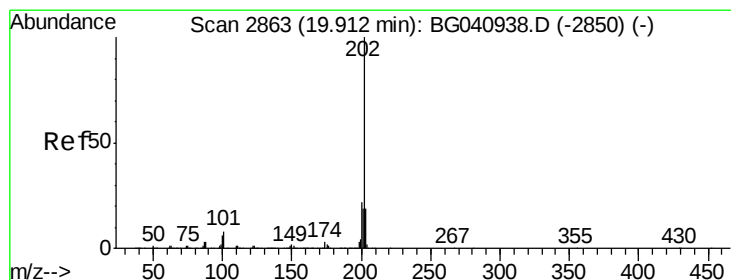
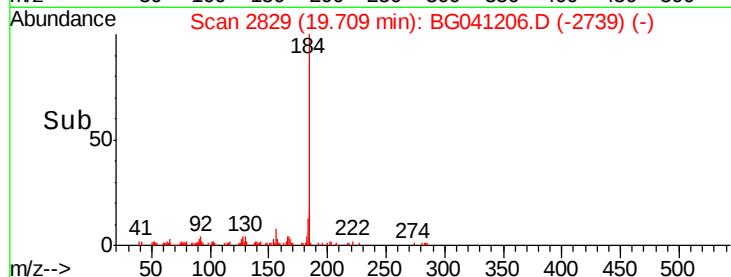
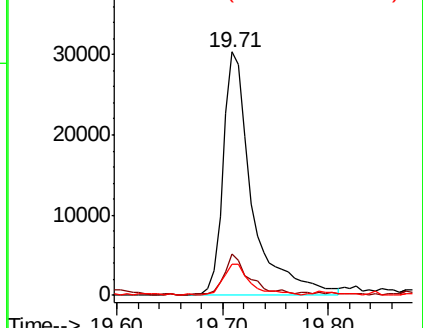
183 12.7 10.7 16.1



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: 38.946 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

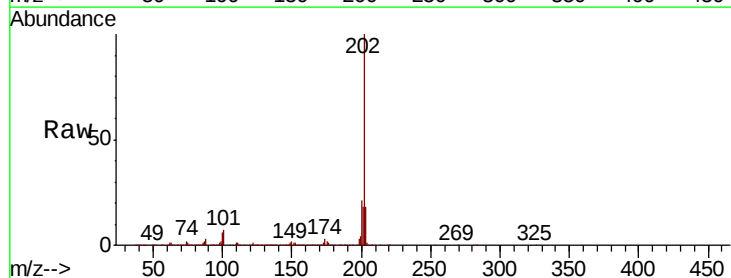
Tgt Ion:202 Resp: 778251

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

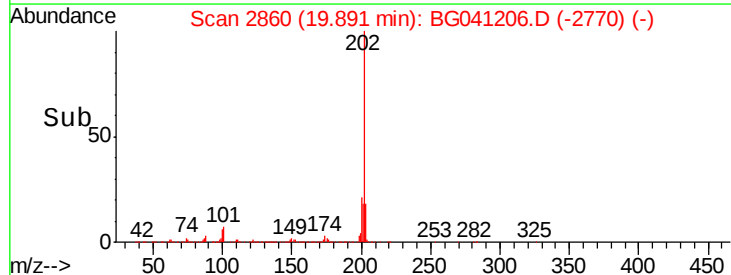
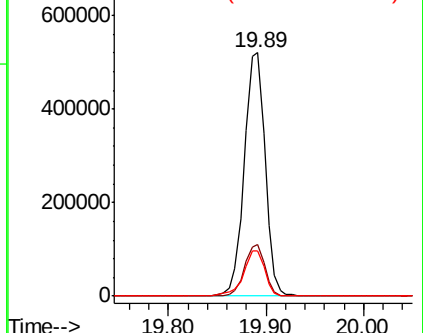
203 18.3 15.6 23.4



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: 80.723 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

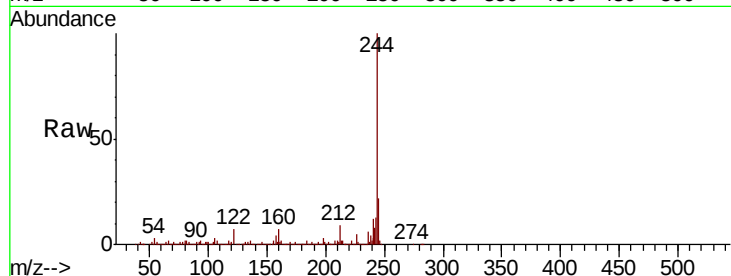
Tgt Ion:244 Resp: 1169178

Ion Ratio Lower Upper

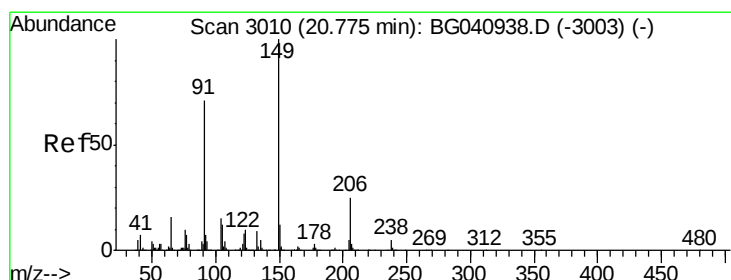
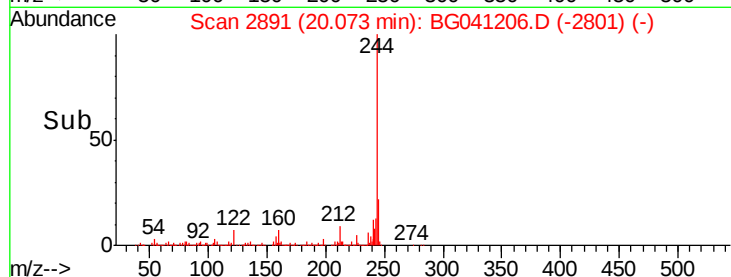
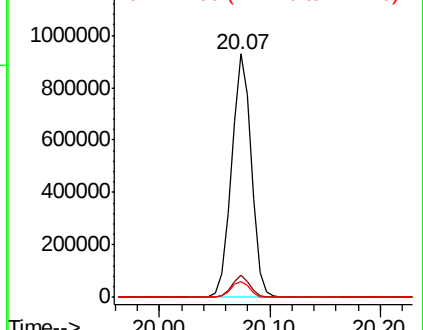
244 100

212 8.9 7.0 10.4

122 6.6 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.041 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

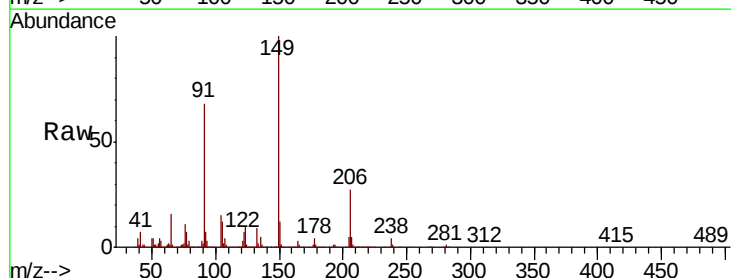
Tgt Ion:149 Resp: 272496

Ion Ratio Lower Upper

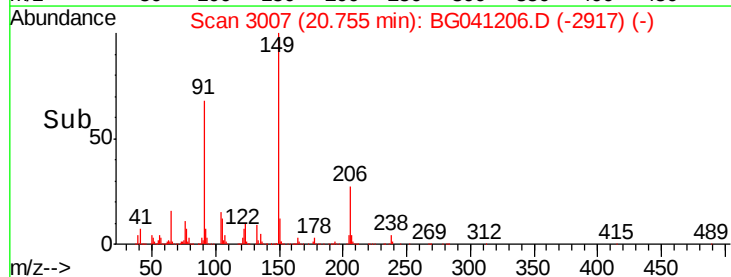
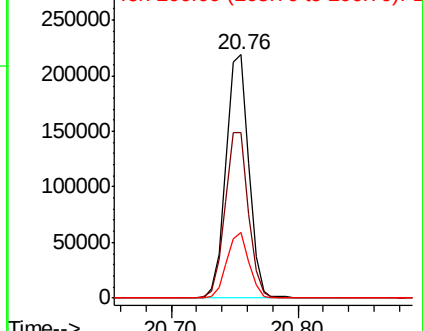
149 100

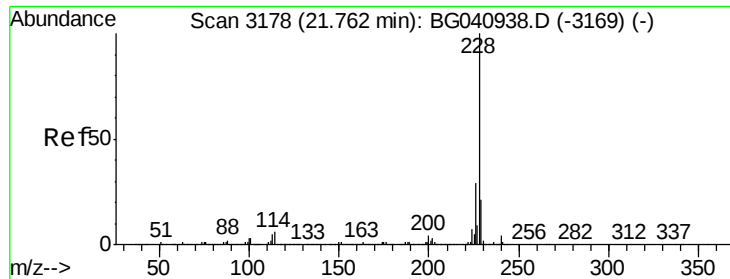
91 67.8 56.5 84.7

206 26.8 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: 35.449 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

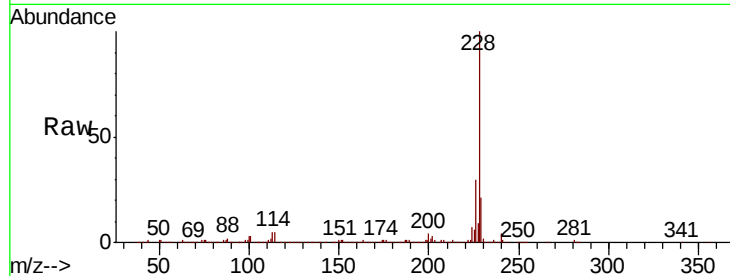
Tgt Ion:228 Resp: 725356

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

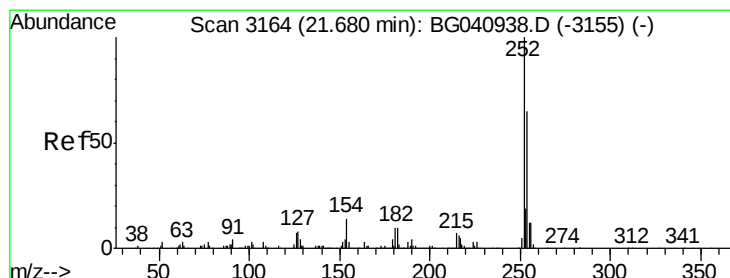
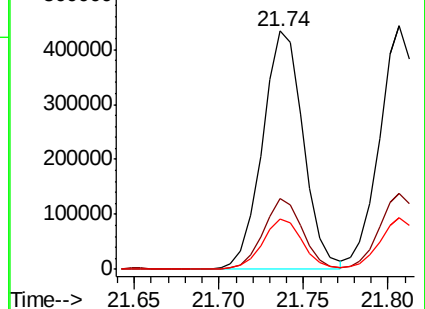
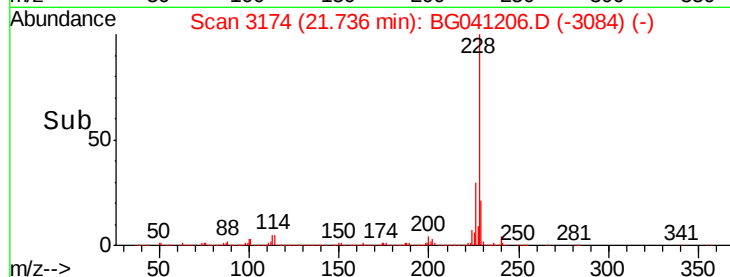
229 21.0 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.821 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

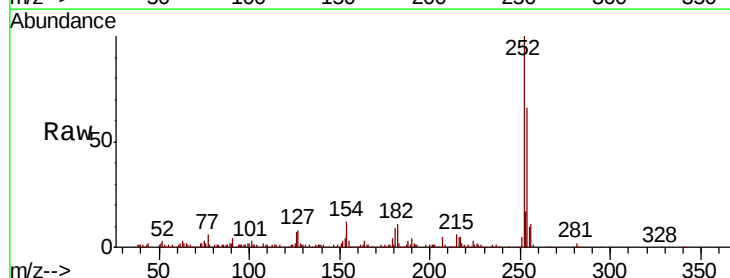
Tgt Ion:252 Resp: 185837

Ion Ratio Lower Upper

252 100

254 65.5 52.1 78.1

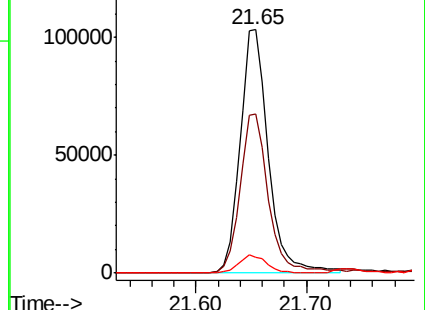
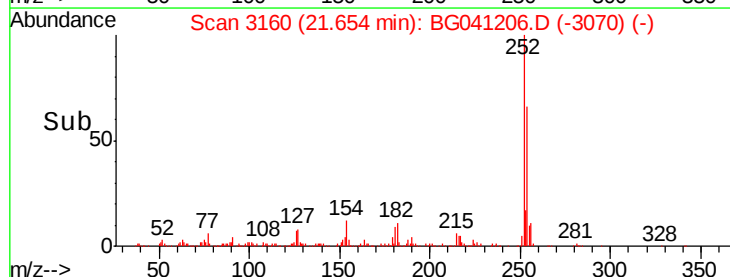
126 6.7 5.5 8.3

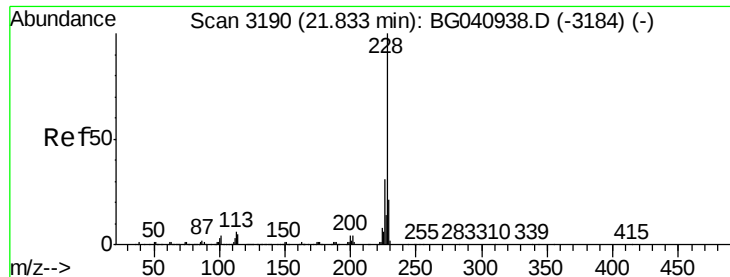


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.024 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

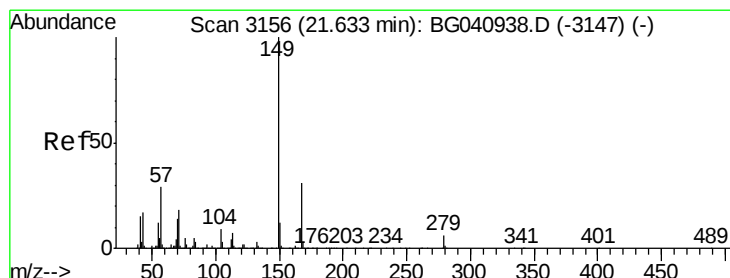
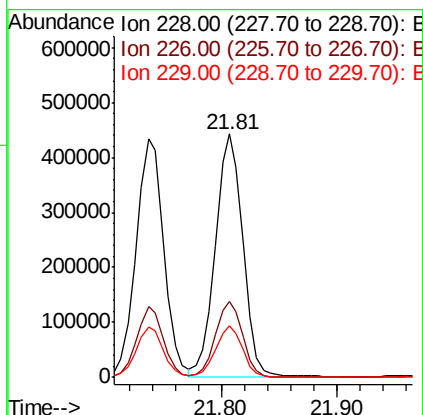
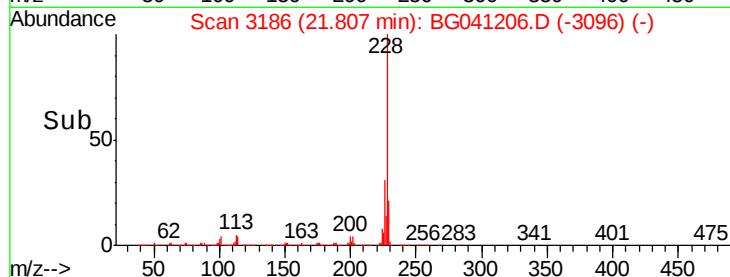
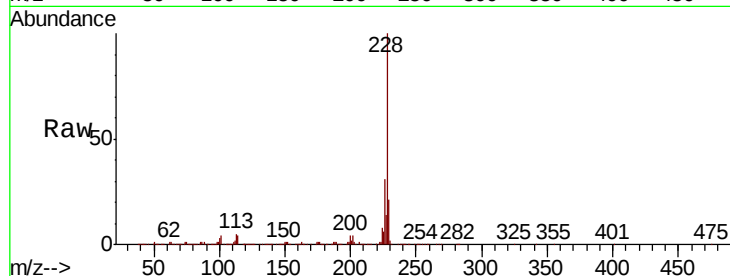
Tgt Ion:228 Resp: 724988

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

229 21.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.195 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

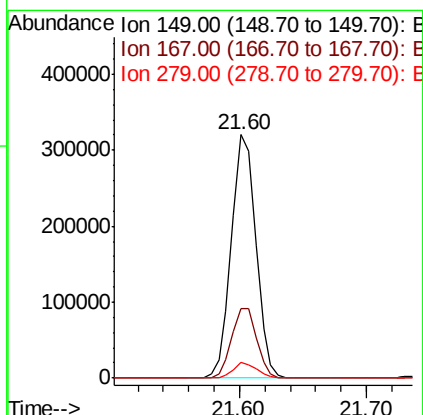
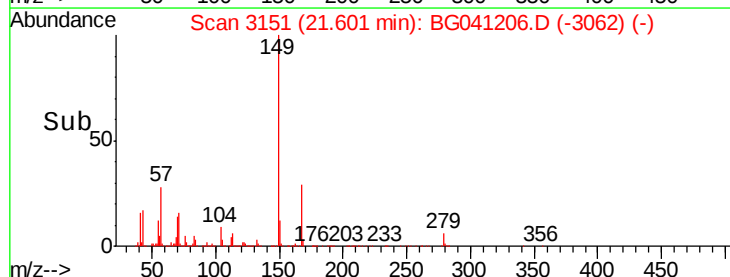
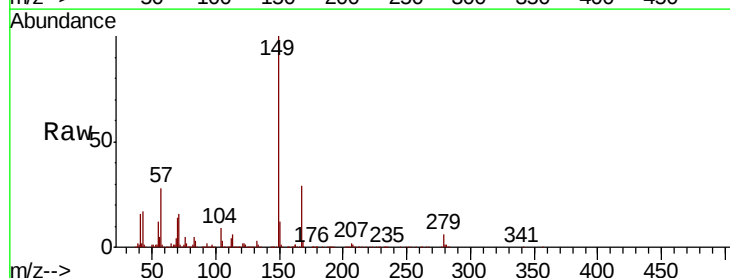
Tgt Ion:149 Resp: 429071

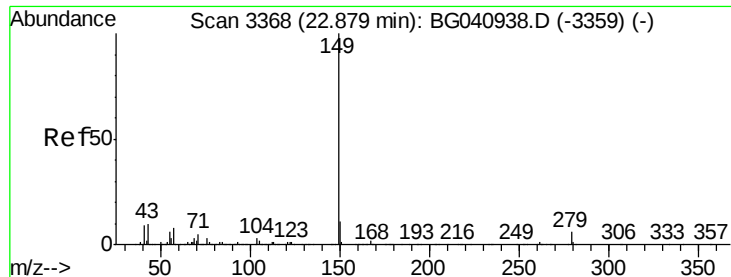
Ion Ratio Lower Upper

149 100

167 28.8 24.6 37.0

279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 36.134 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

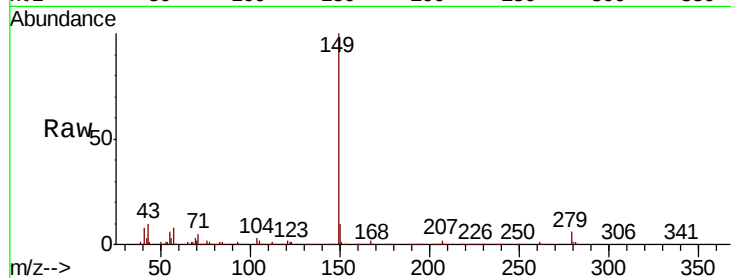
Instrument :

BNA_G

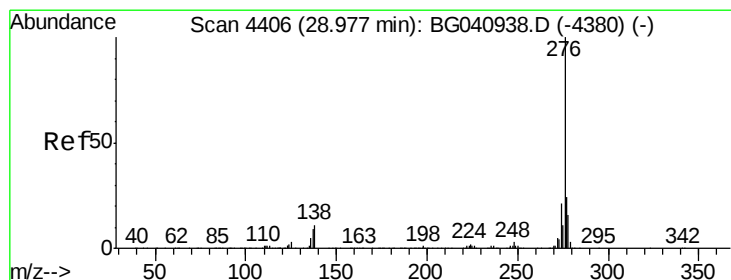
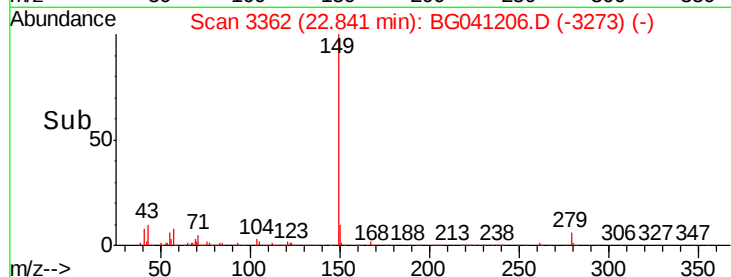
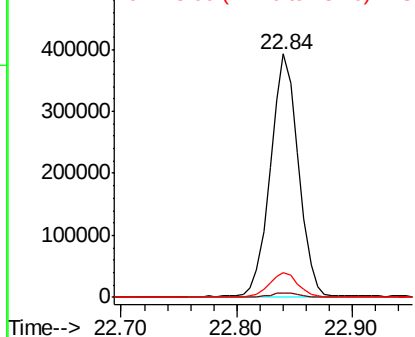
ClientSampleId :

200030-200034MS

Tgt Ion:	149	Resp:	658780
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.0	8.1	12.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.314 ng

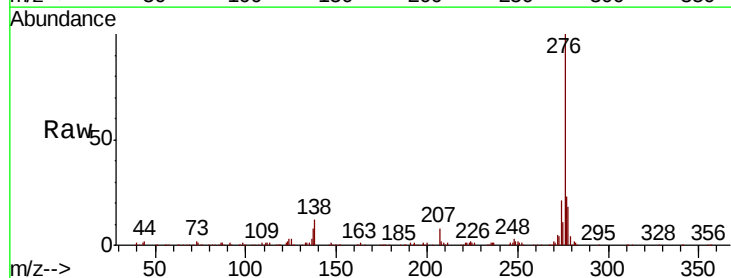
RT: 28.90 min Scan# 4394

Delta R.T. 0.00 min

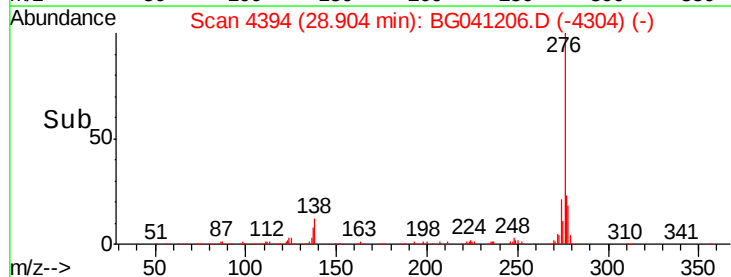
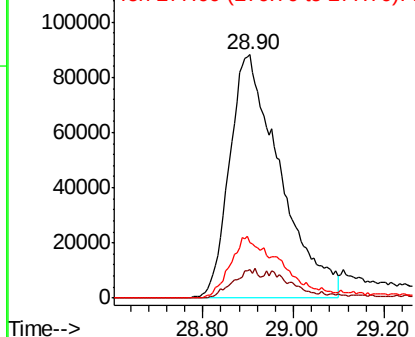
Lab File: BG041206.D

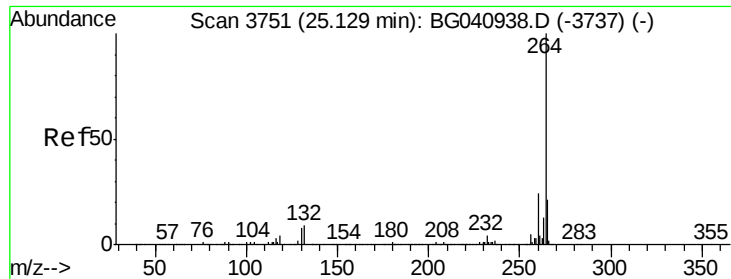
Acq: 12 Jun 2019 15:01

Tgt Ion:	276	Resp:	679155
Ion	Ratio	Lower	Upper
276	100		
138	6.2	5.7	8.5
277	24.8	20.8	31.2



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

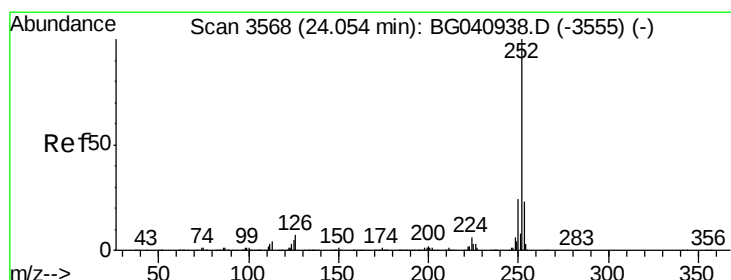
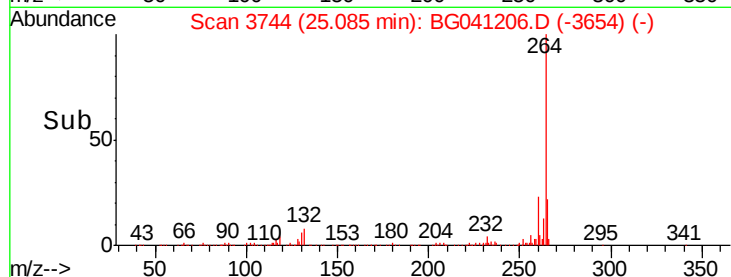
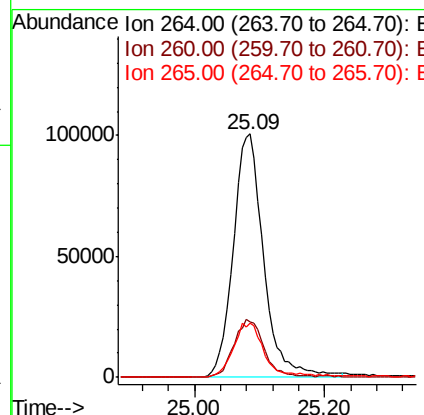
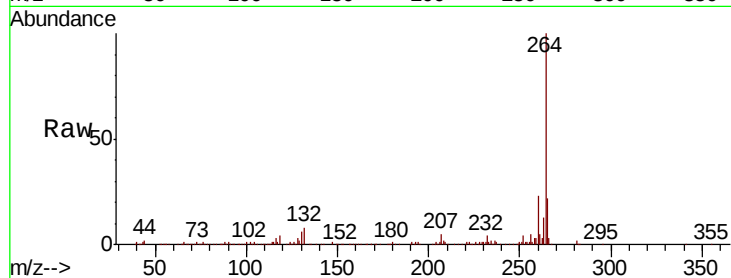




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

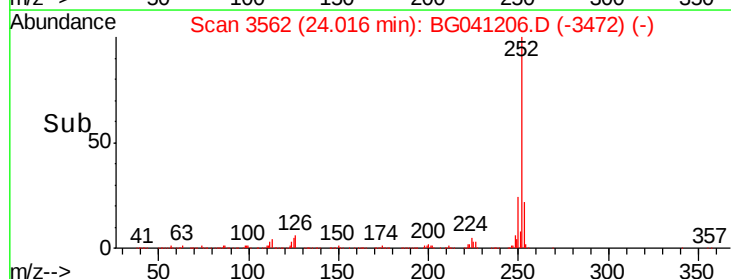
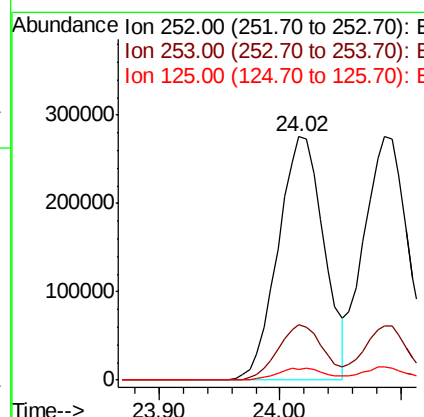
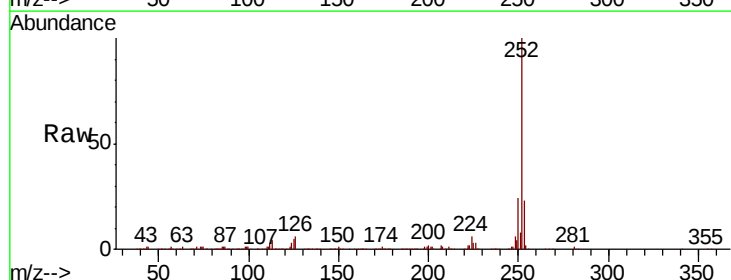
Instrument :
BNA_G
ClientSampleId :
200030-200034MS

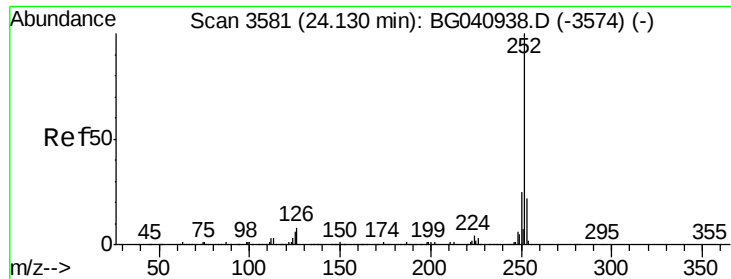
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	22.3	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 36.751 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	4.6	4.3	6.5

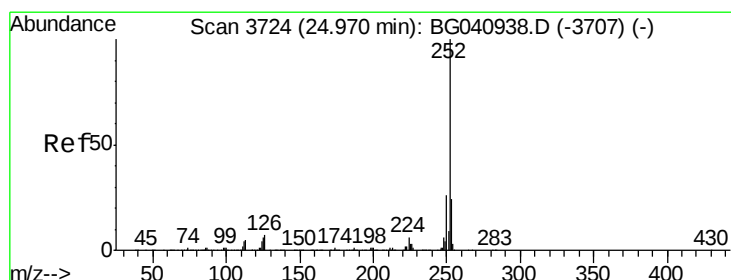
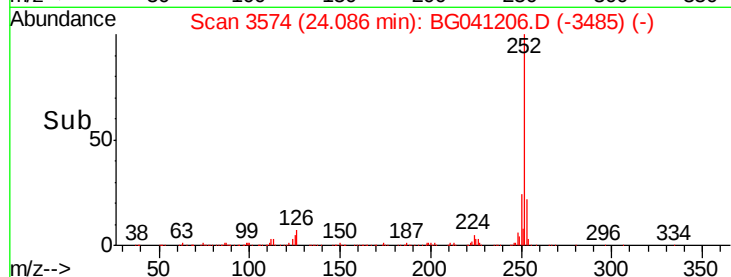
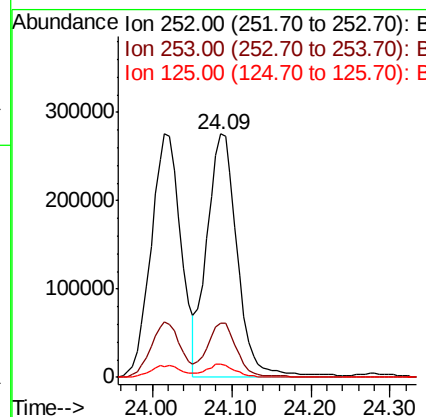
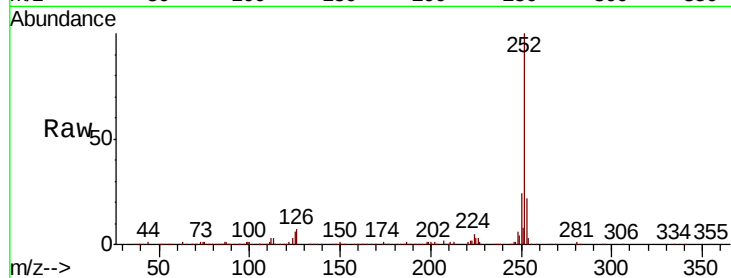




#89
Benzo(k)fluoranthene
Concen: 37.493 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

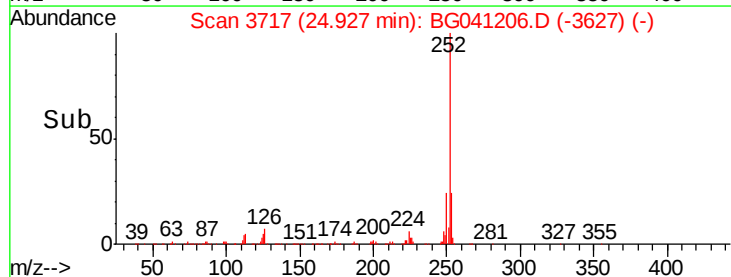
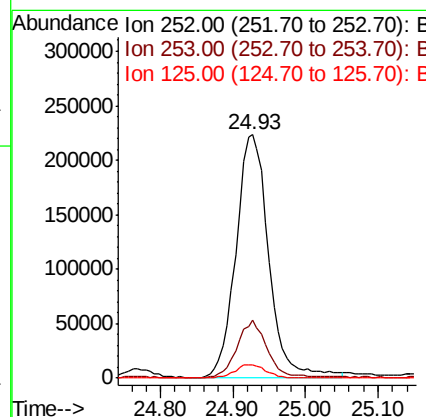
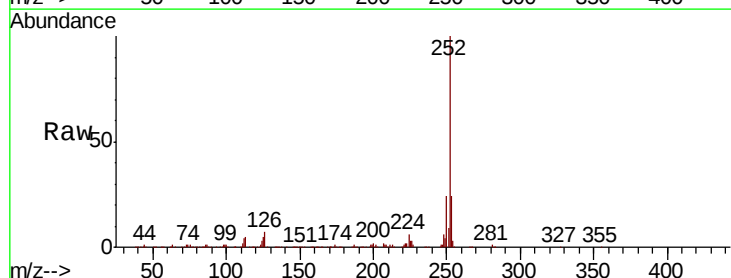
Instrument :
BNA_G
ClientSampleId :
200030-200034MS

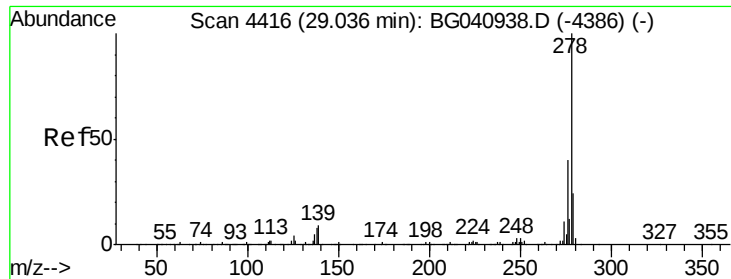
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	5.5	4.7	7.1



#90
Benzo(a)pyrene
Concen: 37.050 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.5	29.3
125	5.3	5.1	7.7





#91

Dibenzo(a,h)anthracene

Concen: 29.214 ng

RT: 28.96 min Scan# 4404

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

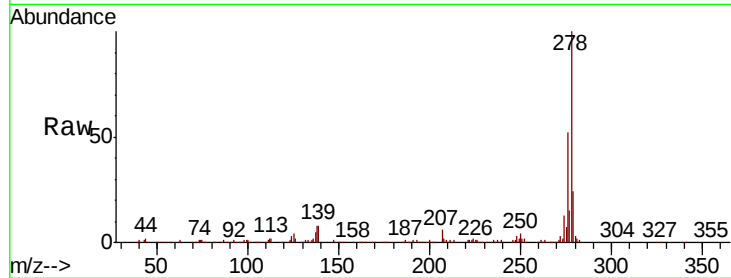
Tgt Ion:278 Resp: 550400

Ion Ratio Lower Upper

278 100

139 8.0 7.1 10.7

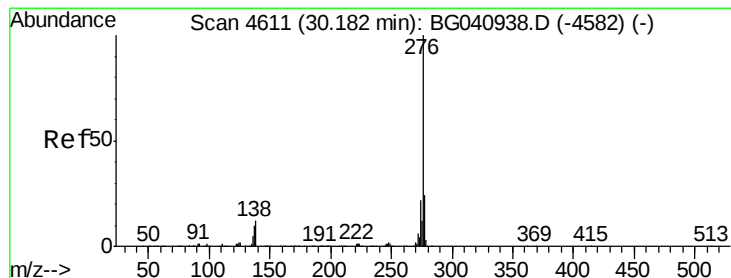
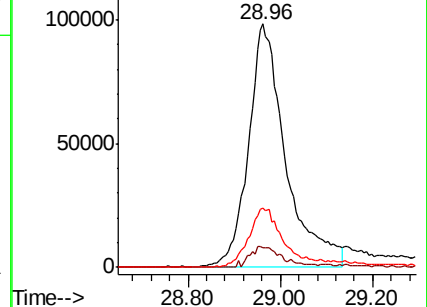
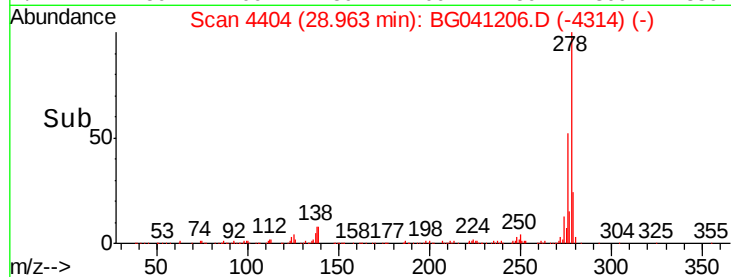
279 24.4 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 27.193 ng

RT: 30.11 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

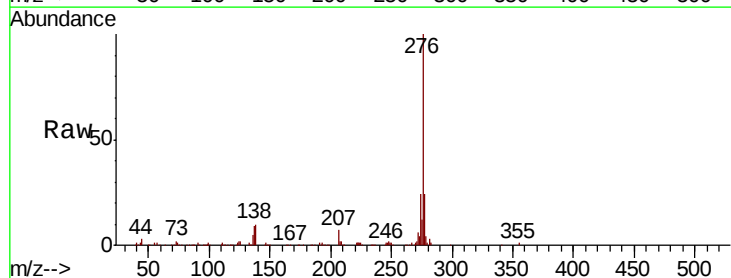
Tgt Ion:276 Resp: 497727

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 10.1 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

