

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040677.D
 Acq On : 30 Apr 2019 18:26
 Operator : JU/SJ
 Sample : PB119042BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Quant Time: Apr 30 22:44:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37404	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	151236	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	109018	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	291306	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	304747	20.00	ng	-0.02
87) Perylene-d12	25.16	264	290074	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	324173	152.78	ng	0.00
7) Phenol-d6	7.29	99	470412	143.98	ng	0.00
23) Nitrobenzene-d5	9.32	82	275404	84.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	230115	153.57	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	585576	77.57	ng	-0.01
79) Terphenyl-d14	20.11	244	1228820	89.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	36413	37.734	ng	97
3) Pyridine	3.95	79	96530	34.511	ng	98
4) n-Nitrosodimethylamine	3.87	42	59224	38.173	ng	# 98
6) Aniline	7.47	93	118272	27.312	ng	97
8) 2-Chlorophenol	7.70	128	105546	40.737	ng	95
9) Benzaldehyde	7.29	77	78985	40.423	ng	97
10) Phenol	7.32	94	146499	41.714	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	96115	36.496	ng	98
12) 1,3-Dichlorobenzene	8.03	146	105187	37.196	ng	98
13) 1,4-Dichlorobenzene	8.19	146	105433	36.777	ng	97
14) 1,2-Dichlorobenzene	8.50	146	100543	36.367	ng	99
15) Benzyl Alcohol	8.38	79	123318	36.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	177839	33.917	ng	98
17) 2-Methylphenol	8.57	107	99884	40.188	ng	92
18) Hexachloroethane	9.23	117	40769	34.668	ng	90
19) n-Nitroso-di-n-propylamine	8.95	70	97245	33.065	ng	98
20) 3+4-Methylphenols	8.90	107	137200	39.626	ng	97
22) Acetophenone	8.98	105	172929	41.120	ng	# 96
24) Nitrobenzene	9.37	77	146922	42.072	ng	96
25) Isophorone	9.88	82	268063	36.768	ng	99
26) 2-Nitrophenol	10.08	139	55444	44.292	ng	90
27) 2,4-Dimethylphenol	10.12	122	111395	47.428	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	136319	37.267	ng	97
29) 2,4-Dichlorophenol	10.61	162	116430	43.604	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	120664	40.750	ng	97
31) Naphthalene	11.02	128	318239	39.608	ng	99
32) Benzoic acid	10.22	122	72635	45.175	ng	96
33) 4-Chloroaniline	11.13	127	84348	23.677	ng	95
34) Hexachlorobutadiene	11.29	225	89139	40.776	ng	97
35) Caprolactam	11.90	113	42496	40.311	ng	95
36) 4-Chloro-3-methylphenol	12.23	107	141484	42.003	ng	98
37) 2-Methylnaphthalene	12.62	142	242976	40.446	ng	100
38) 1-Methylnaphthalene	12.83	142	229682	39.116	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	163104	40.162	ng	99

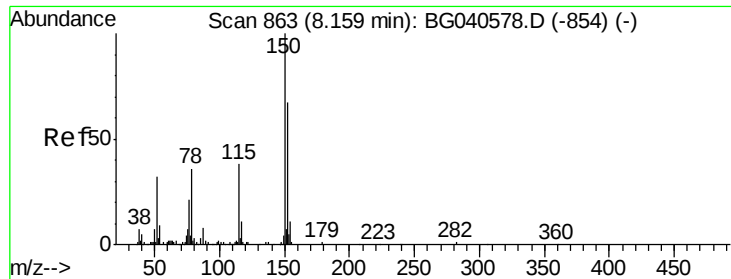
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040677.D
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	191560	79.935	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	110458	45.008	nq	96
44) 2,4,5-Trichlorophenol	13.28	196	118341	44.264	nq	98
46) 1,1'-Biphenyl	13.61	154	326753	38.604	nq	98
47) 2-Chloronaphthalene	13.66	162	263262	39.743	nq	98
48) 2-Nitroaniline	13.87	65	110008	46.655	nq	98
49) Acenaphthylene	14.50	152	427042	37.998	nq	99
50) Dimethylphthalate	14.23	163	371851	40.767	nq	99
51) 2,6-Dinitrotoluene	14.35	165	79520	44.669	nq	93
52) Acenaphthene	14.84	154	251837	38.479	nq	95
53) 3-Nitroaniline	14.68	138	55544	30.451	nq	# 95
54) 2,4-Dinitrophenol	14.88	184	92331	90.913	nq	# 85
55) Dibenzofuran	15.18	168	433195	40.410	nq	98
56) 4-Nitrophenol	14.97	139	141734	89.613	nq	96
57) 2,4-Dinitrotoluene	15.14	165	119484	49.394	nq	93
58) Fluorene	15.82	166	339328	39.163	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	127507	47.384	nq	97
60) Diethylphthalate	15.58	149	390217	40.547	nq	99
61) 4-Chlorophenyl-phenylether	15.81	204	205615	40.802	nq	99
62) 4-Nitroaniline	15.85	138	88466	43.357	nq	96
63) Azobenzene	16.10	77	387493	39.097	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	63206	44.622	nq	93
66) n-Nitrosodiphenylamine	16.02	169	325355	37.962	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	138838	38.255	nq	97
68) Hexachlorobenzene	16.81	284	142399	37.946	nq	# 93
69) Atrazine	16.96	200	143179	42.166	nq	99
70) Pentachlorophenol	17.16	266	189835	86.448	nq	98
71) Phenanthrene	17.56	178	620523	39.548	nq	99
72) Anthracene	17.66	178	636840	40.379	nq	99
73) Carbazole	17.92	167	572751	39.860	nq	99
74) Di-n-butylphthalate	18.46	149	686600	39.589	nq	100
75) Fluoranthene	19.57	202	838290	42.873	nq	98
77) Benzidine	19.74	184	302894	36.300	nq	99
78) Pyrene	19.92	202	841302	44.047	nq	99
80) Butylbenzylphthalate	20.79	149	315326	42.358	nq	98
81) Benzo(a)anthracene	21.78	228	797371	41.400	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	209144	30.466	nq	99
83) Chrysene	21.85	228	781029	42.639	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	432457	40.243	nq	98
85) Di-n-octyl phthalate	22.92	149	731872	40.440	nq	98
86) Indeno(1,2,3-cd)pyrene	29.01	276	902680	40.760	nq	# 90
88) Benzo(b)fluoranthene	24.08	252	799709	45.115	nq	98
89) Benzo(k)fluoranthene	24.16	252	777797	46.985	nq	98
90) Benzo(a)pyrene	25.00	252	775282	46.205	nq	99
91) Dibenzo(a,h)anthracene	29.08	278	740430	43.606	nq	95
92) Benzo(g,h,i)perylene	30.24	276	745435	44.111	nq	97

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

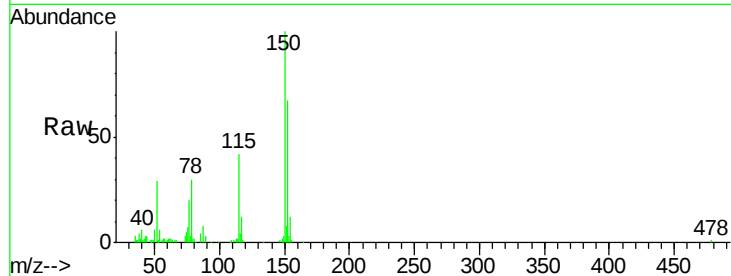


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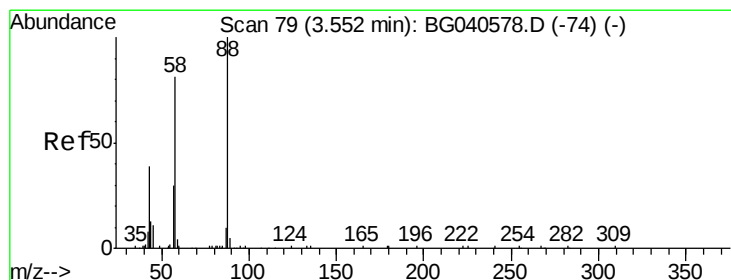
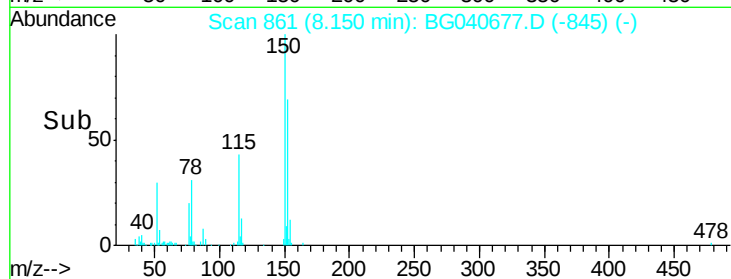
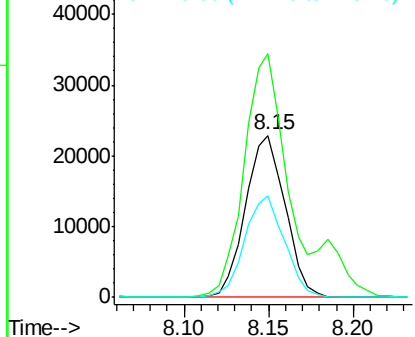
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tot Ion:152 Resp: 37404
Ion Ratio Lower Upper
152 100
150 150.4 120.2 180.2
115 62.6 46.2 69.2



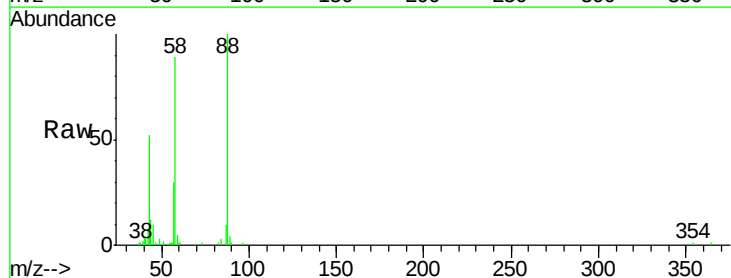
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



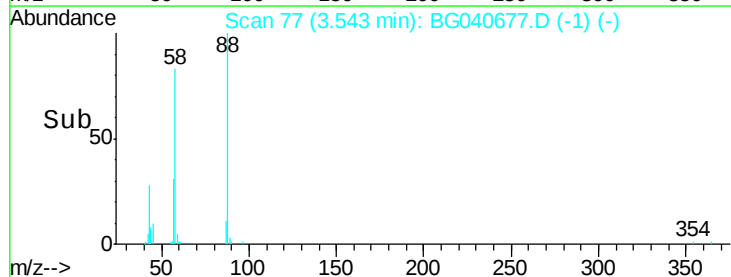
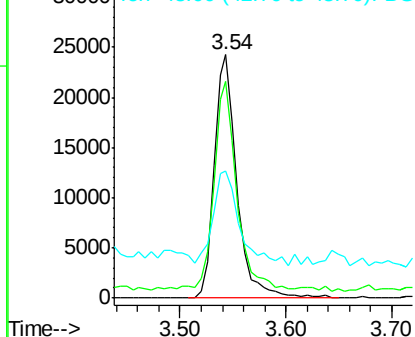
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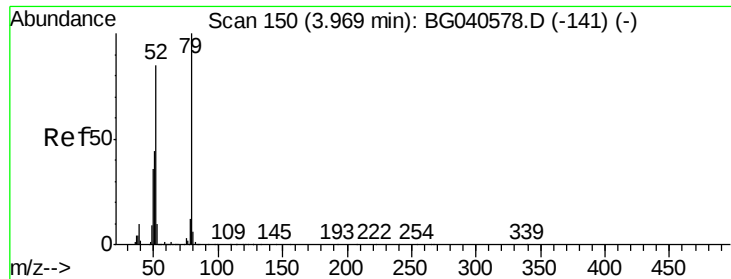
1,4-Dioxane
Concen: 37.734 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion: 88 Resp: 36413
Ion Ratio Lower Upper
88 100
58 86.8 71.2 106.8
43 41.3 35.6 53.4



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





#3

Pvridine

Concen: 34.511 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

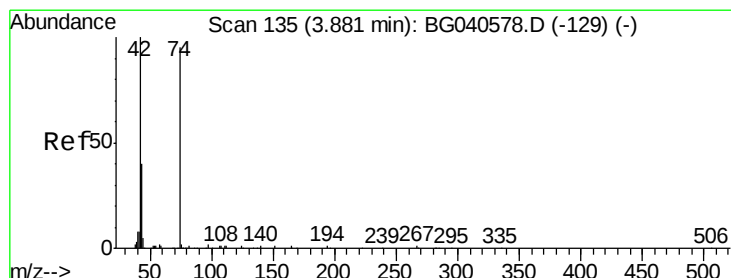
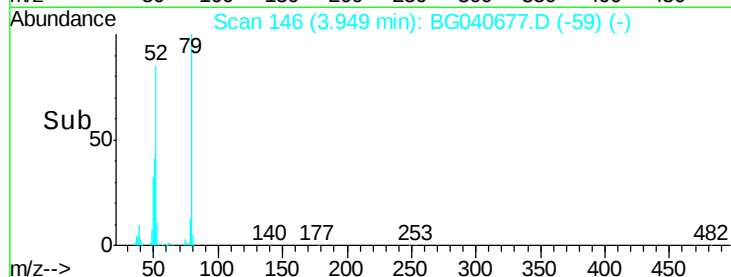
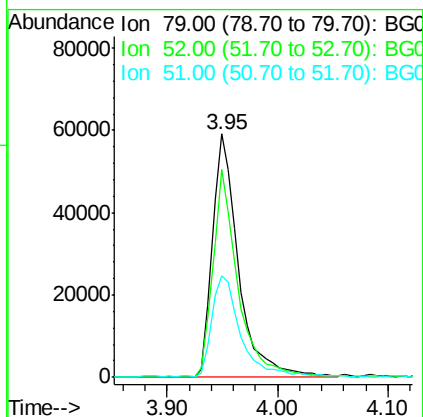
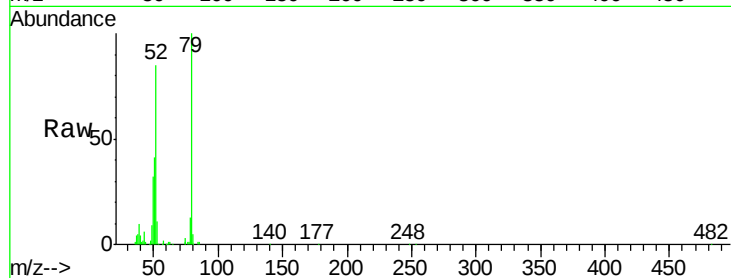
Tot Ion: 79 Resp: 96530

Ion Ratio Lower Upper

79 100

52 85.3 67.5 101.3

51 41.5 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 38.173 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

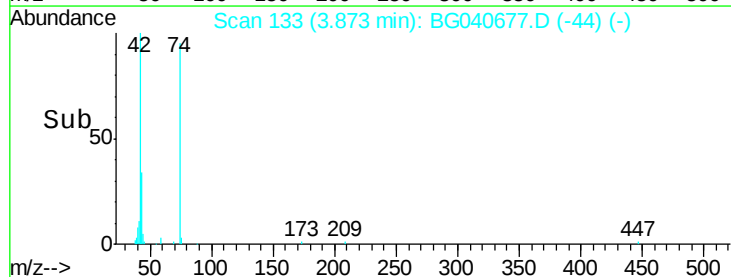
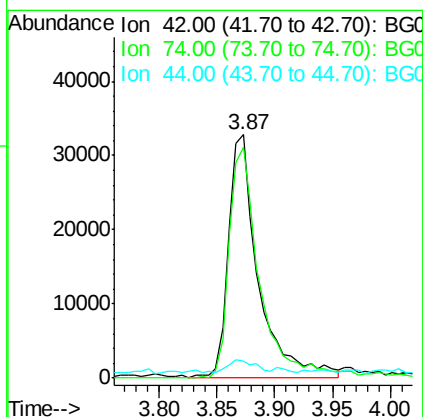
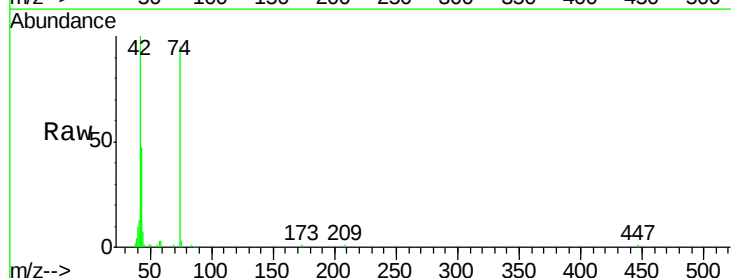
Tgt Ion: 42 Resp: 59224

Ion Ratio Lower Upper

42 100

74 94.9 74.6 111.8

44 7.0 7.4 11.0#





#5

2-Fluorophenol

Concen: 152.775 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

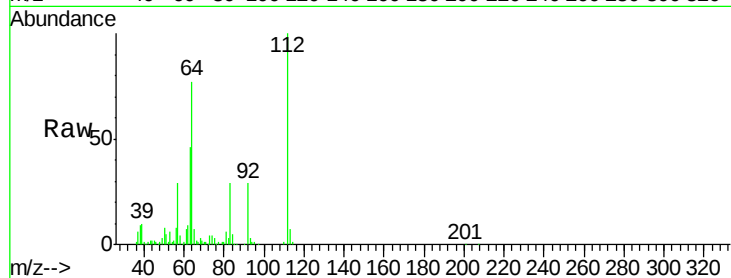
Tot Ion:112 Resp: 324173

Ion Ratio Lower Upper

112 100

64 77.0 61.4 92.0

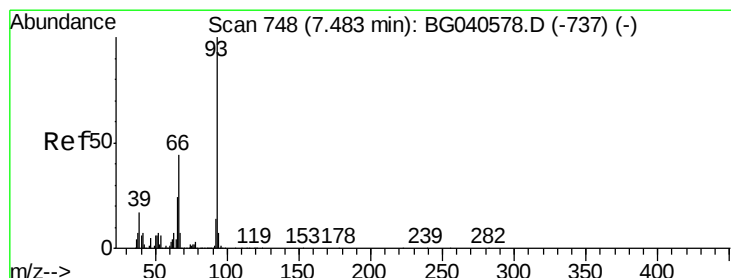
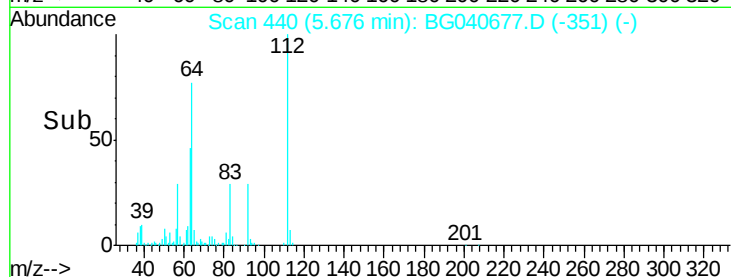
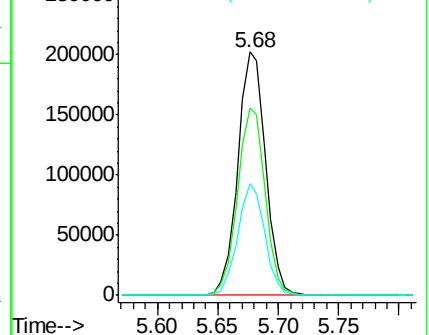
63 45.9 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.312 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

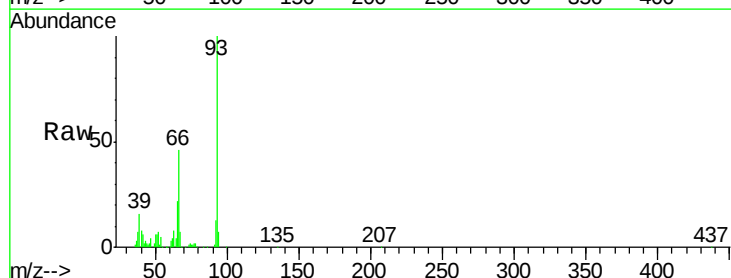
Tgt Ion: 93 Resp: 118272

Ion Ratio Lower Upper

93 100

66 45.8 35.5 53.3

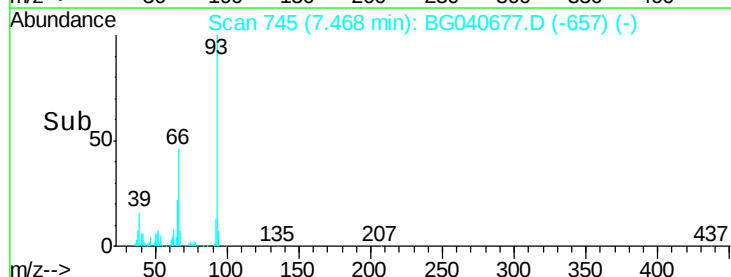
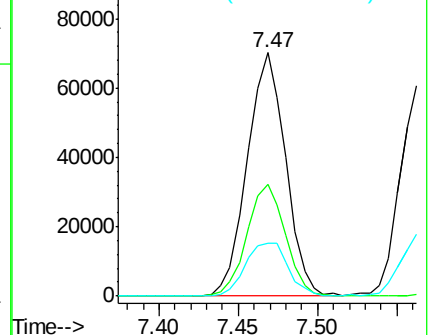
65 21.8 19.2 28.8

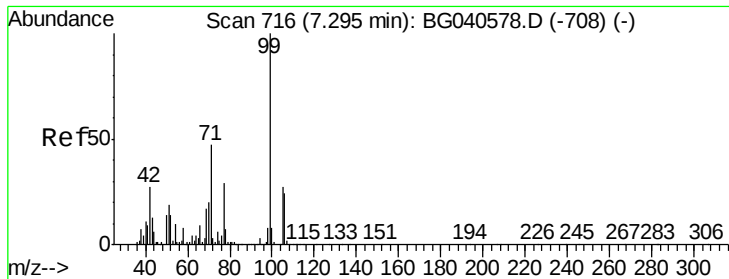


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.984 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

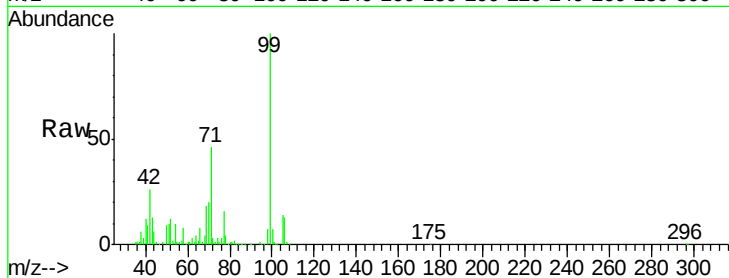
Tot Ion: 99 Resp: 470412

Ion Ratio Lower Upper

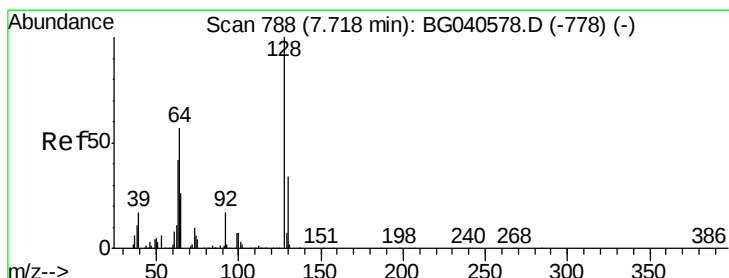
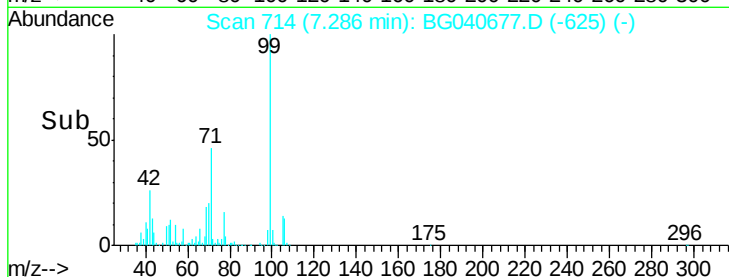
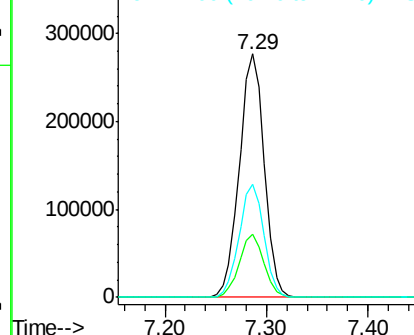
99 100

42 26.0 21.8 32.8

71 46.4 38.6 57.8



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: 40.737 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

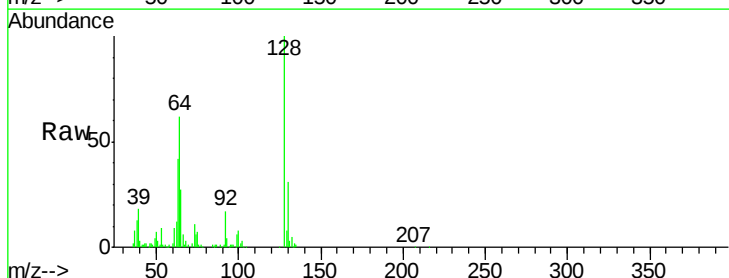
Tgt Ion: 128 Resp: 105546

Ion Ratio Lower Upper

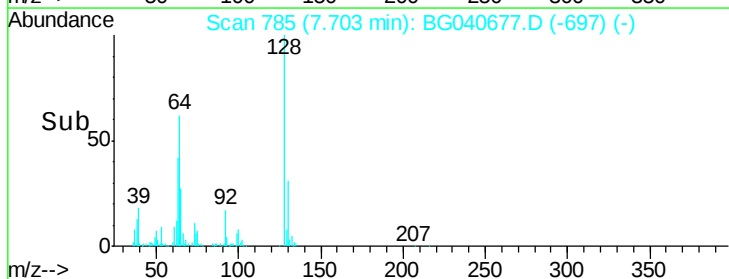
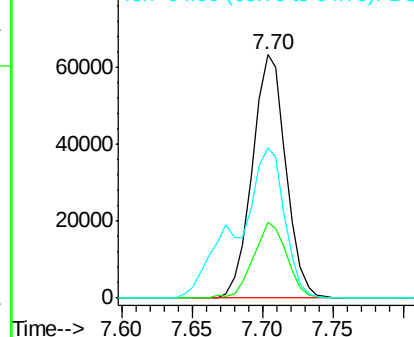
128 100

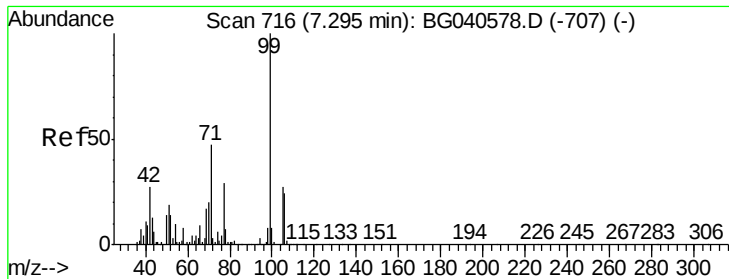
130 31.0 14.5 54.5

64 61.8 38.4 78.4



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: 40.423 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

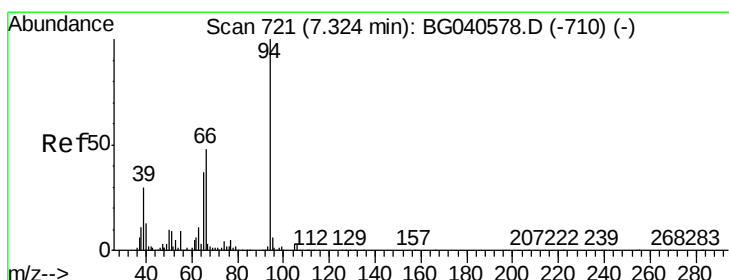
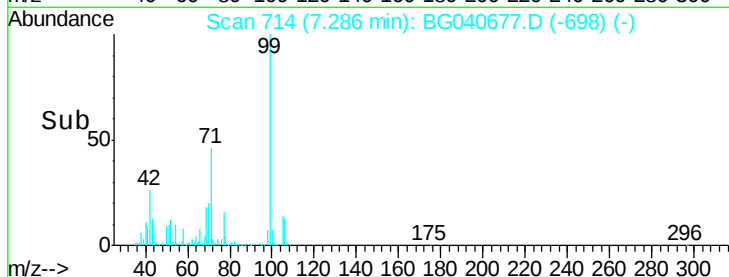
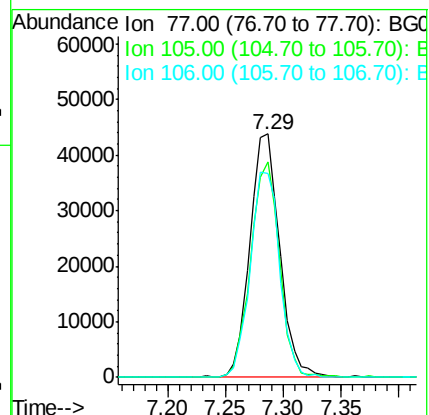
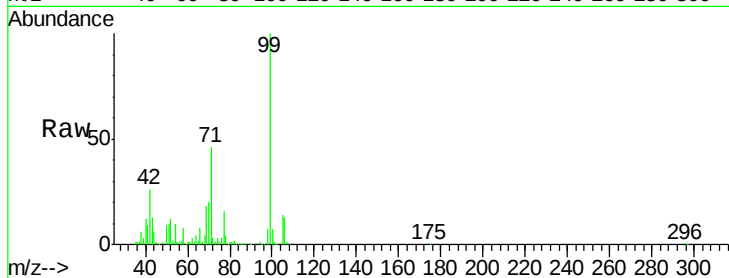
Tot Ion: 77 Resp: 78985

Ion Ratio Lower Upper

77 100

105 88.4 72.0 112.0

106 84.0 61.2 101.2



#10

Phenol

Concen: 41.714 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

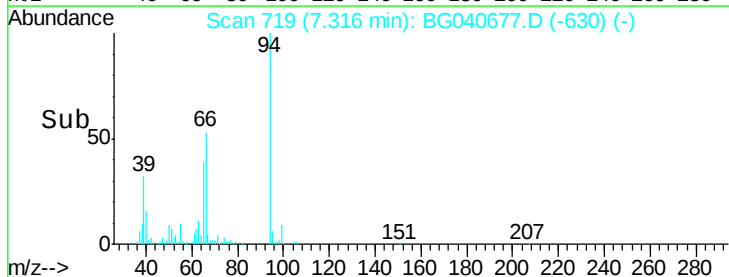
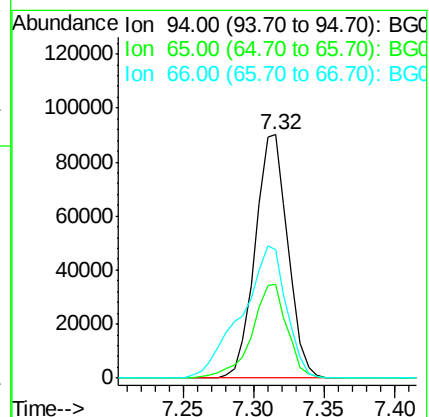
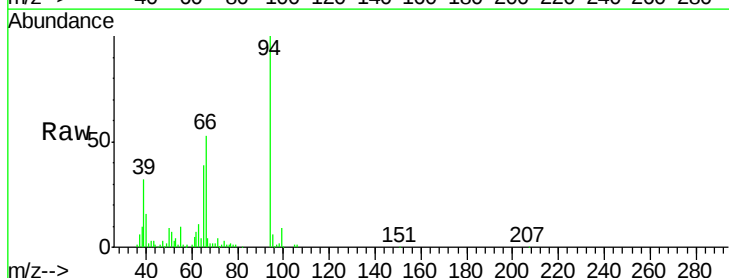
Tgt Ion: 94 Resp: 146499

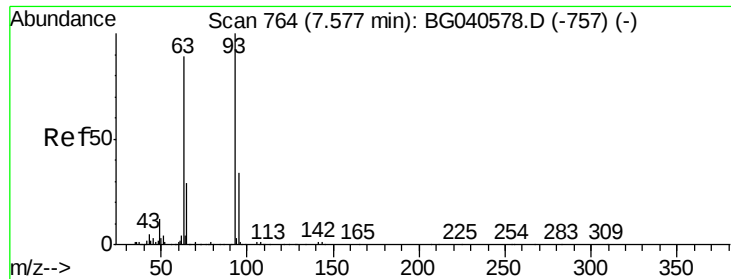
Ion Ratio Lower Upper

94 100

65 38.5 17.0 57.0

66 52.7 28.6 68.6

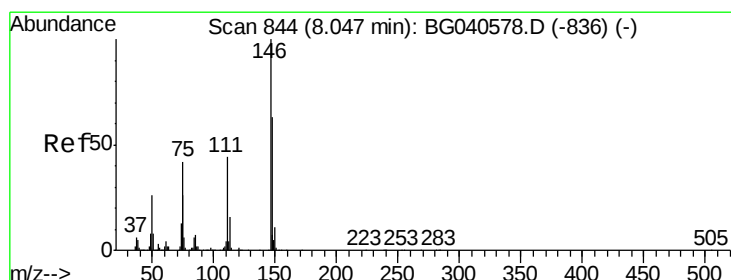
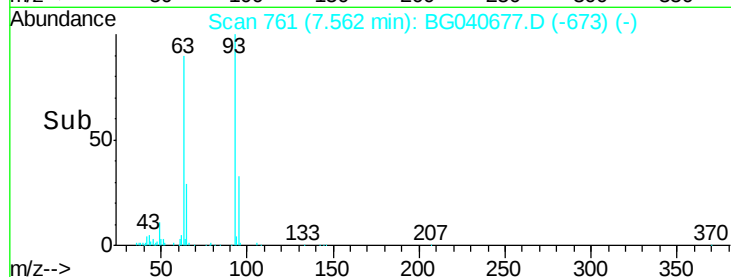
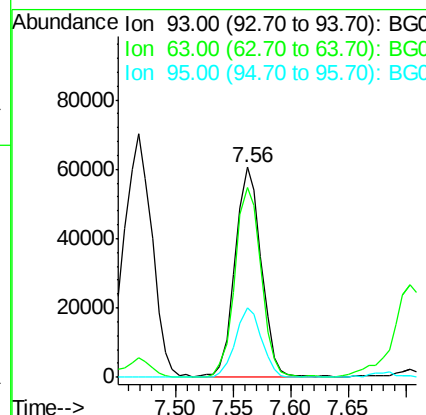
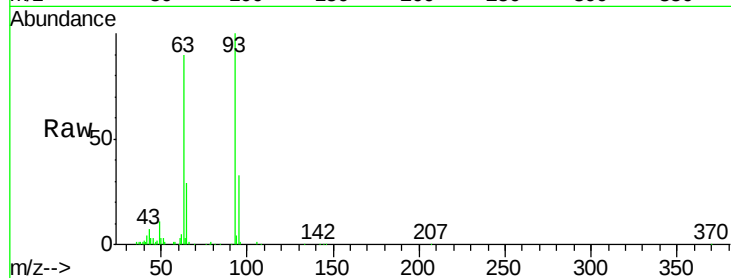




#11
bis(2-Chloroethyl)ether
Concen: 36.496 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

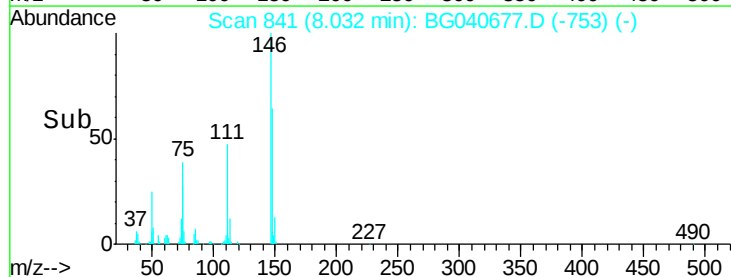
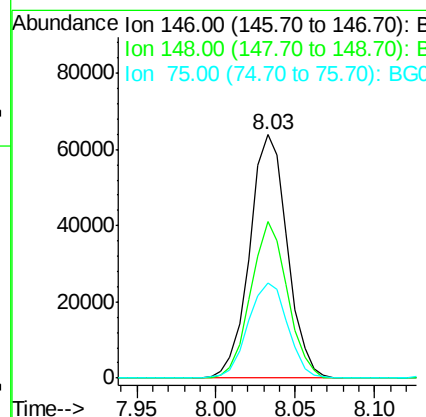
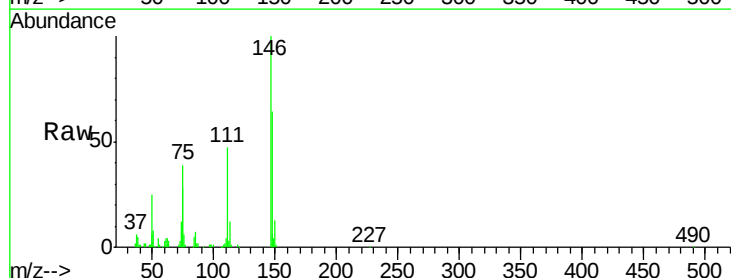
Instrument :
BNA_G
ClientSampleId :
PB119042BS

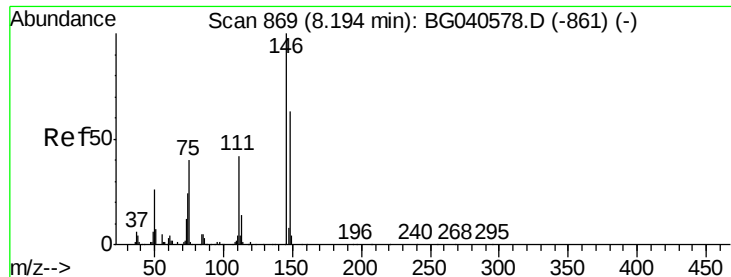
Tot Ion: 93 Resp: 96115
Ion Ratio Lower Upper
93 100
63 90.4 68.2 108.2
95 32.9 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 37.196 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion: 146 Resp: 105187
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
75 39.3 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 36.777 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

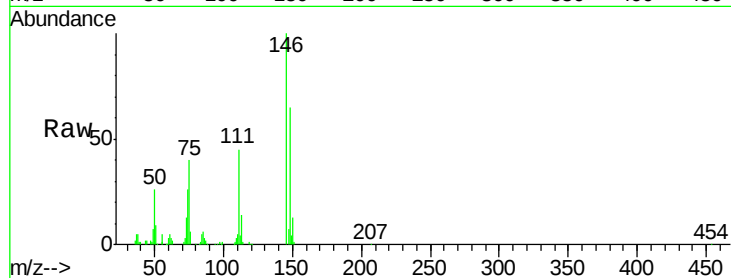
Tot Ion:146 Resp: 105433

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

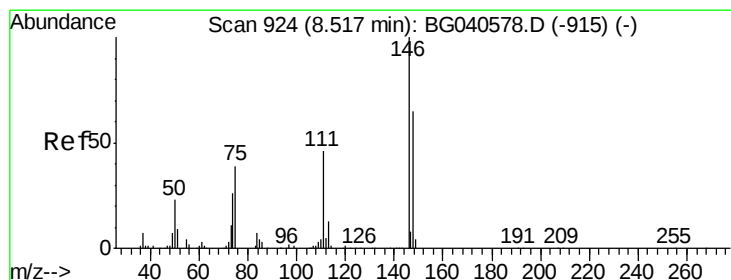
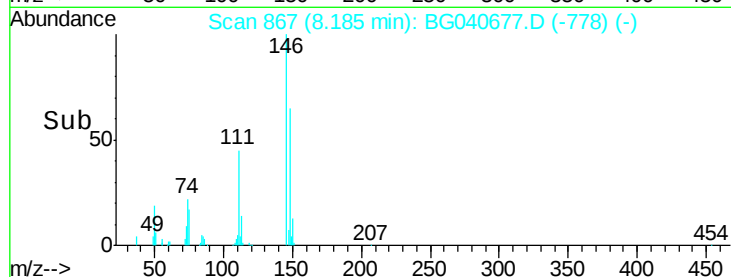
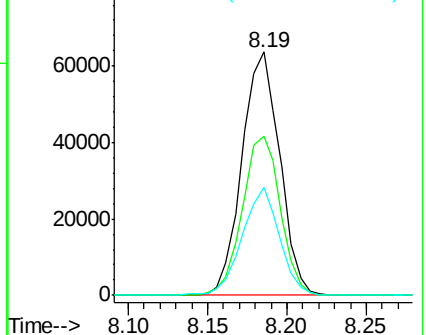
111 44.6 34.3 51.5



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: 36.367 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

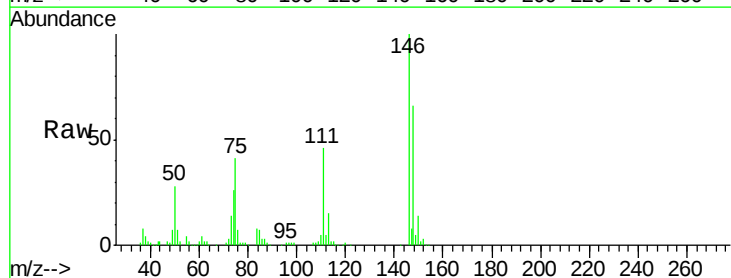
Tgt Ion:146 Resp: 100543

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

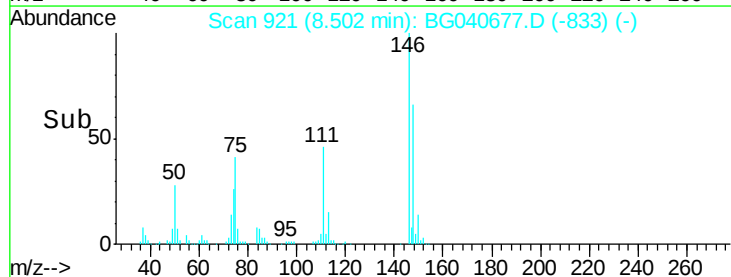
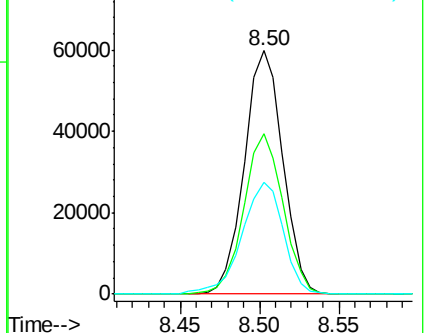
111 46.2 37.4 56.0

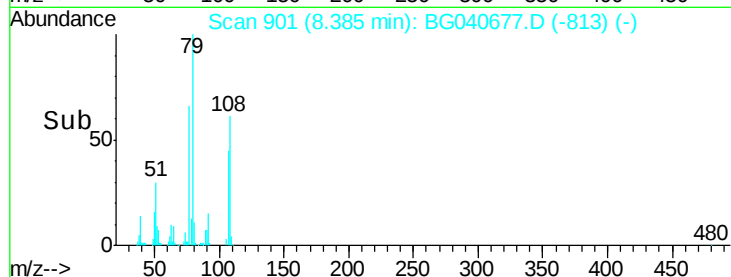
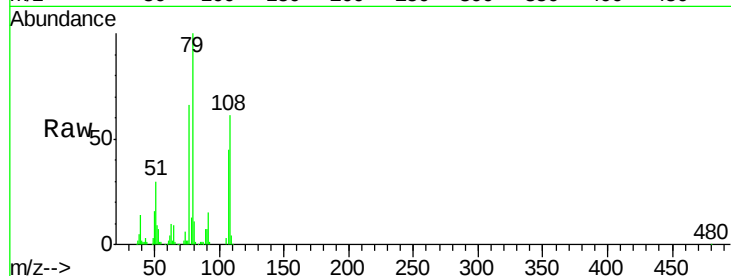
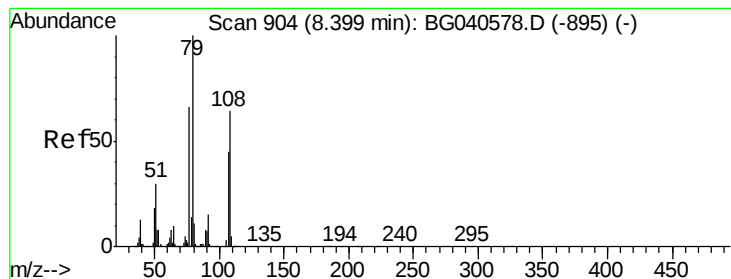


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.276 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

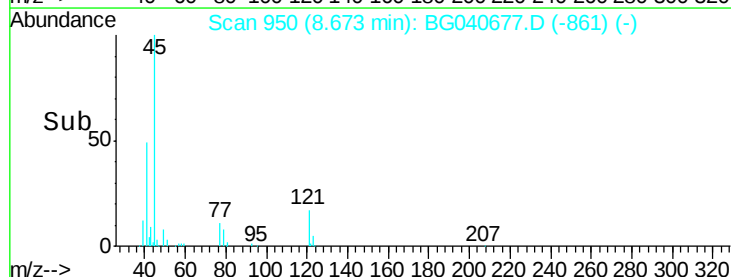
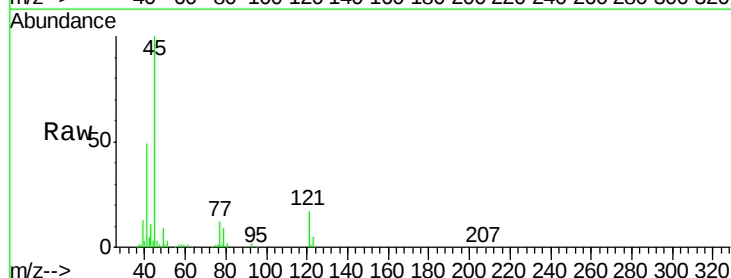
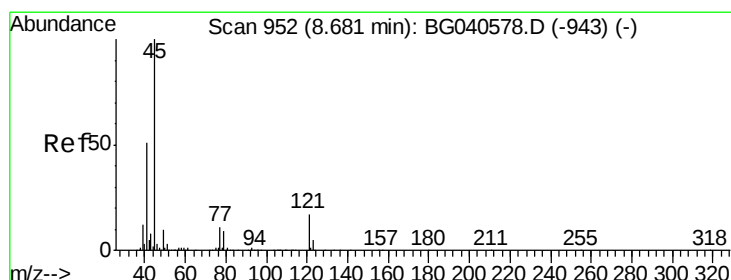
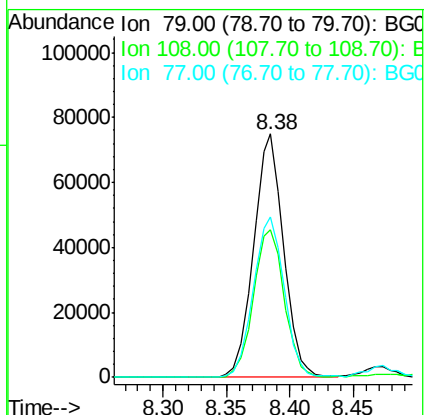
Tot Ion: 79 Resp: 123318

Ion Ratio Lower Upper

79 100

108 60.7 51.4 77.0

77 66.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.917 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

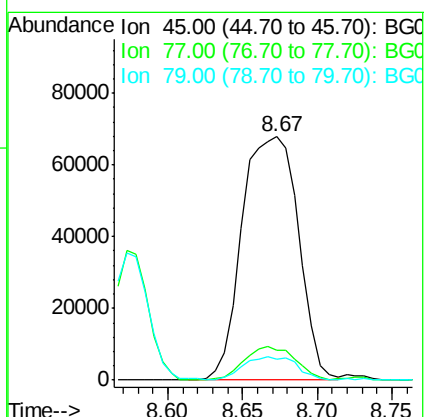
Tgt Ion: 45 Resp: 177839

Ion Ratio Lower Upper

45 100

77 12.4 0.0 31.5

79 8.5 0.0 29.4

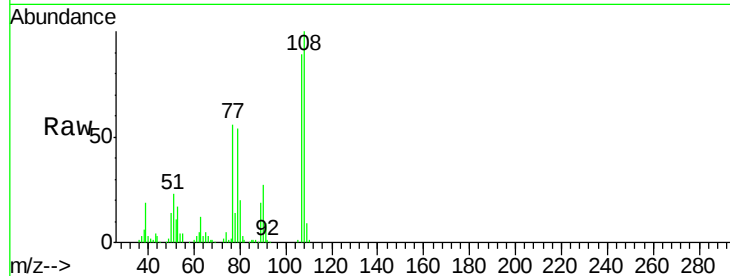




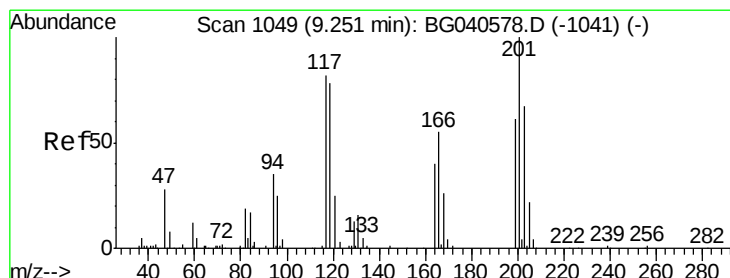
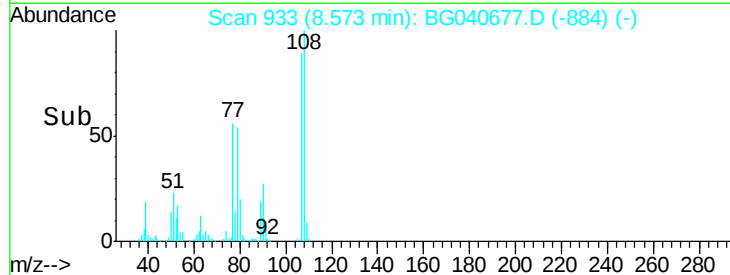
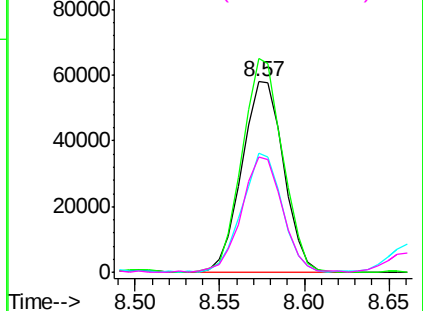
#17
2-Methylphenol
Concen: 40.188 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Instrument :
BNA_G
ClientSampleID :
PB119042BS

Tot Ion:	107	Resp:	99884
Ion	Ratio	Lower	Upper
107	100		
108	112.3	81.2	121.8
77	62.4	44.4	66.6
79	60.9	47.0	70.4

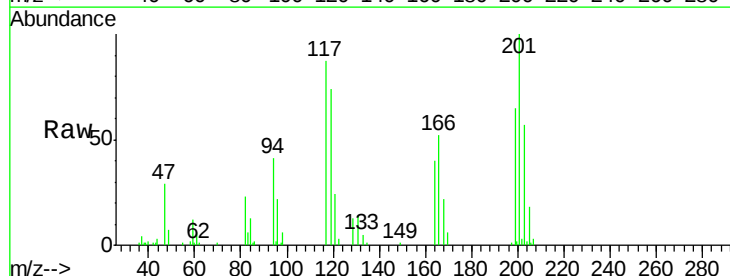


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

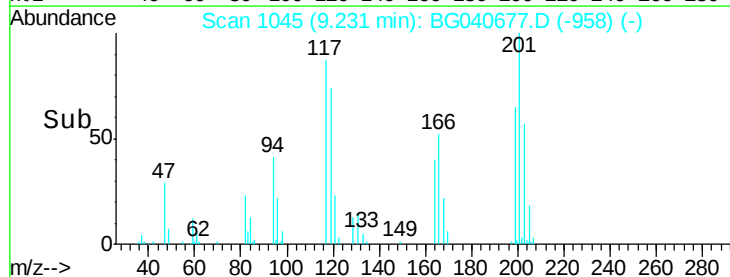
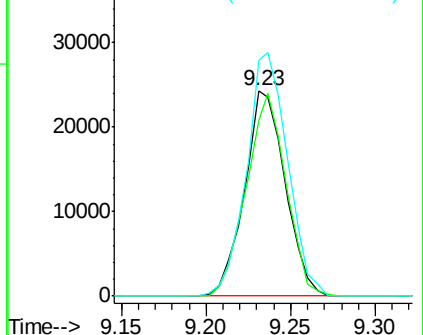


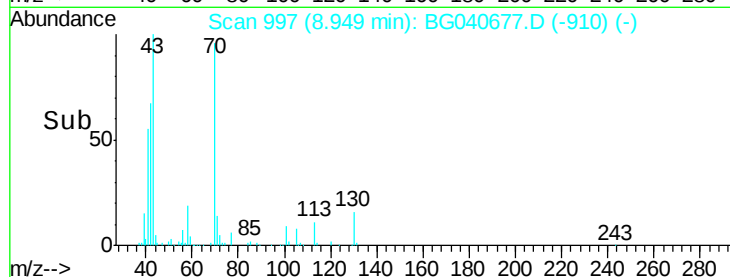
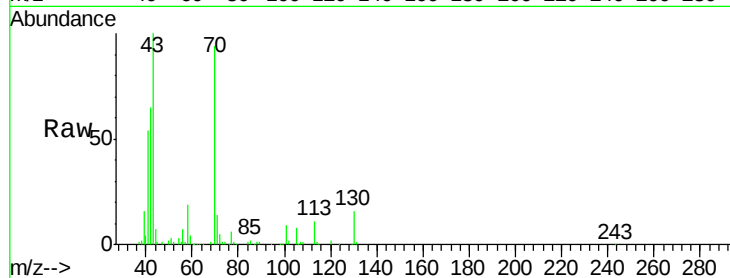
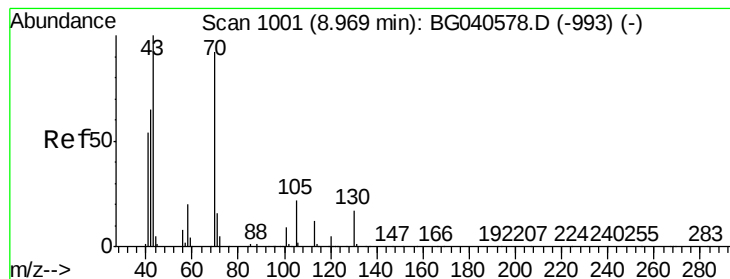
#18
Hexachloroethane
Concen: 34.668 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion:	117	Resp:	40769
Ion	Ratio	Lower	Upper
117	100		
119	85.7	76.6	114.8
201	115.0	101.0	151.6



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: 33.065 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

Tot Ion: 70 Resp: 97245

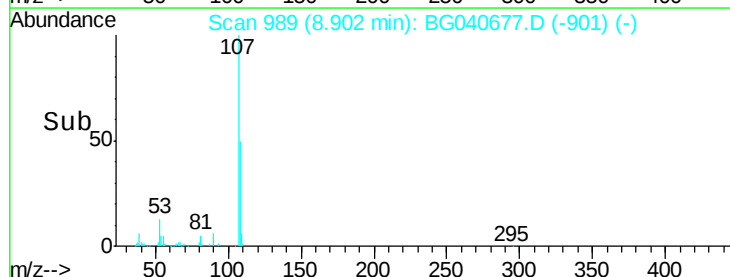
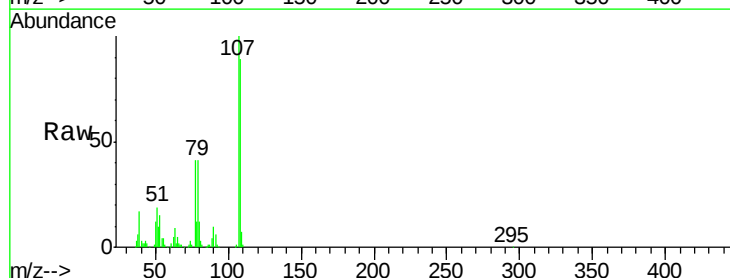
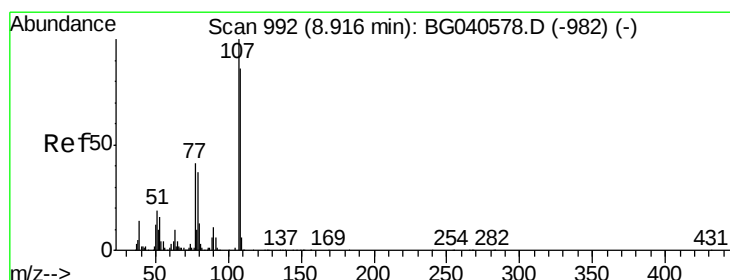
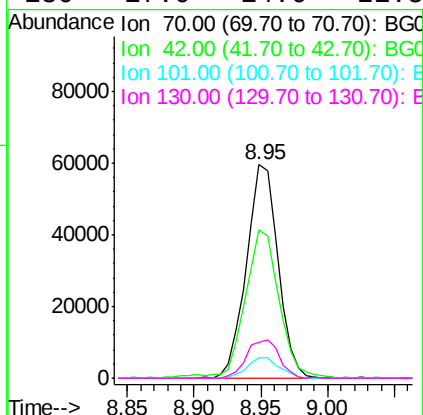
Ion Ratio Lower Upper

70 100

42 69.4 57.1 85.7

101 9.4 7.8 11.8

130 17.0 14.6 21.8



#20

3+4-Methylphenols

Concen: 39.626 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Tgt Ion:107 Resp: 137200

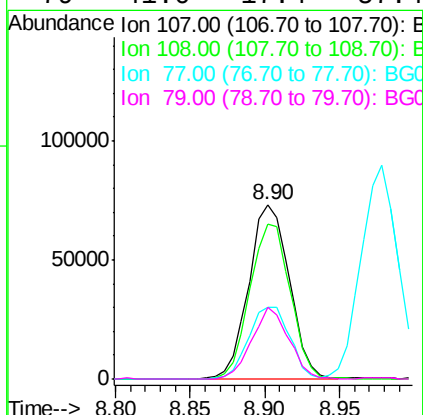
Ion Ratio Lower Upper

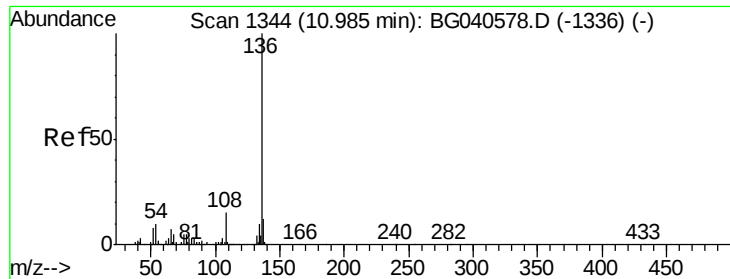
107 100

108 89.2 66.1 106.1

77 40.8 21.6 61.6

79 41.0 17.4 57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

Tot Ion:136 Resp: 151236

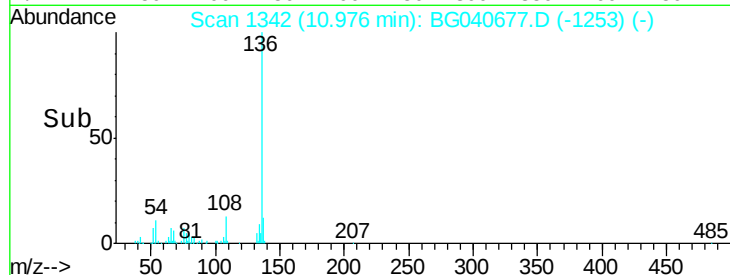
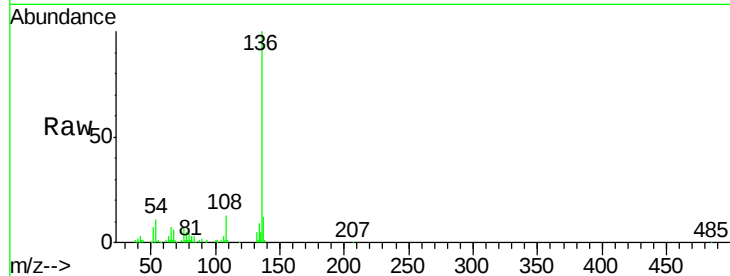
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 11.0 8.6 12.8

68 7.2 4.8 7.2#



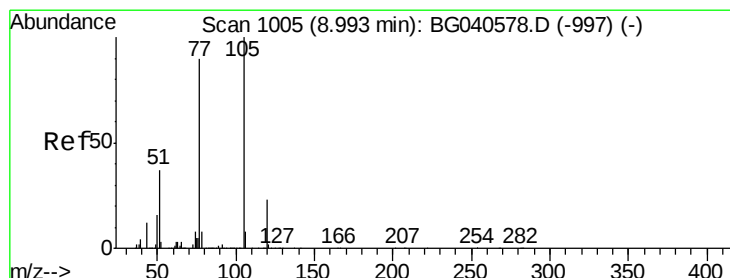
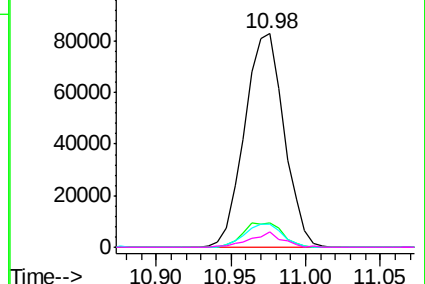
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

Time-->



#22

Acetophenone

Concen: 41.120 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Tgt Ion:105 Resp: 172929

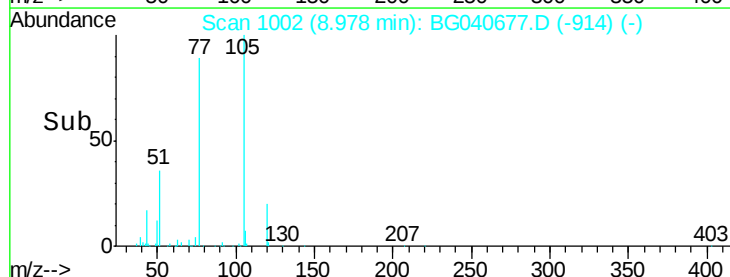
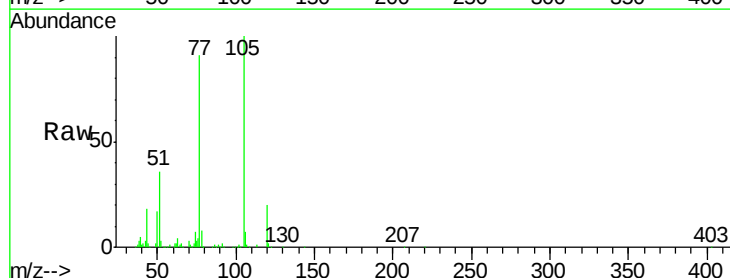
Ion Ratio Lower Upper

105 100

71 0.6 1.8 2.8#

51 35.9 29.8 44.8

120 20.0 18.4 27.6



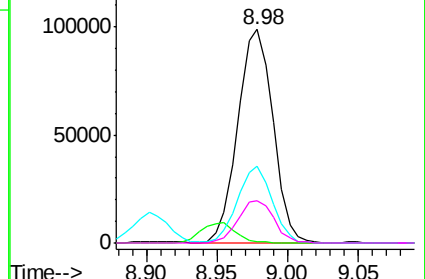
Abundance Ion 105.00 (104.70 to 105.70): E

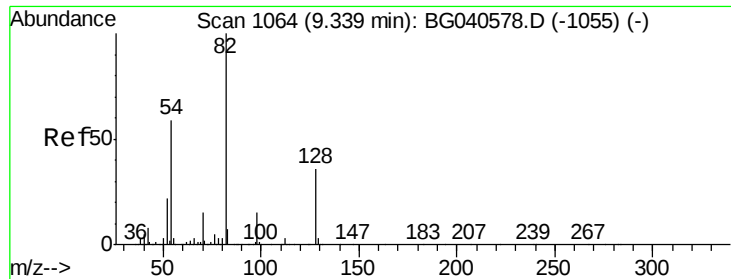
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

Time-->

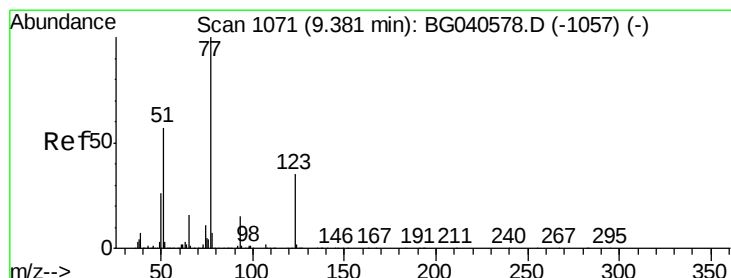
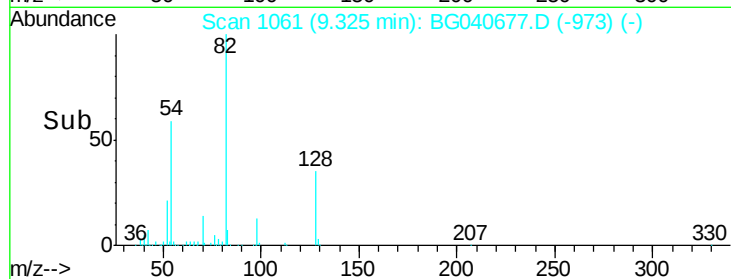
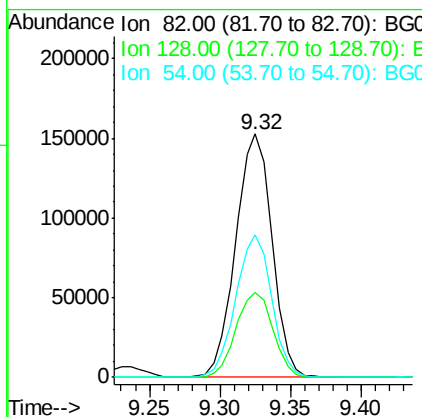
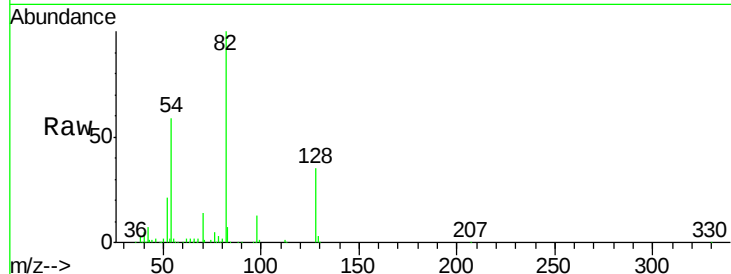




#23
Nitrobenzene-d5
Concen: 84.143 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

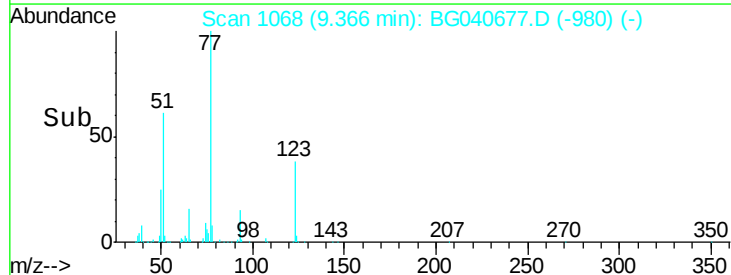
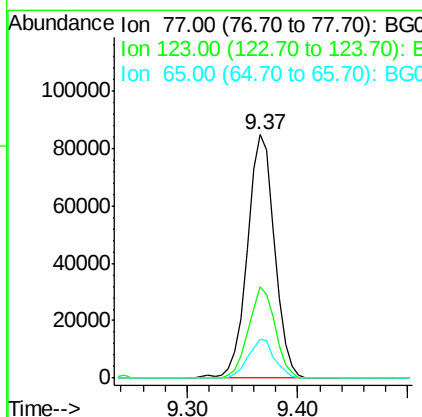
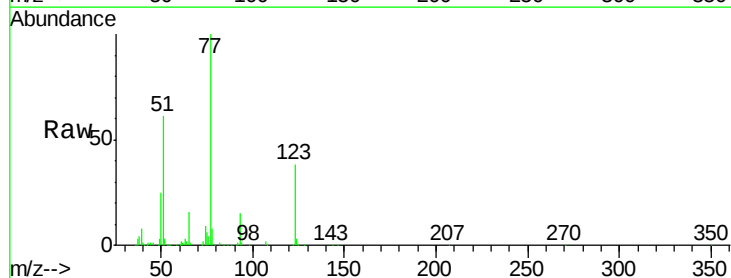
Instrument :
BNA_G
ClientSampleId :
PB119042BS

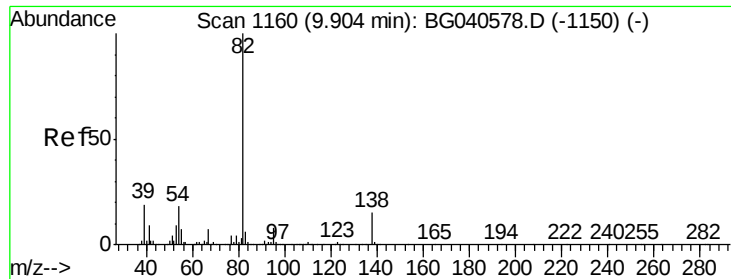
Tot Ion: 82 Resp: 275404
Ion Ratio Lower Upper
82 100
128 34.7 28.9 43.3
54 58.7 47.2 70.8



#24
Nitrobenzene
Concen: 42.072 ng
RT: 9.37 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion: 77 Resp: 146922
Ion Ratio Lower Upper
77 100
123 37.7 27.8 41.6
65 15.7 12.4 18.6





#25

Isophorone

Concen: 36.768 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

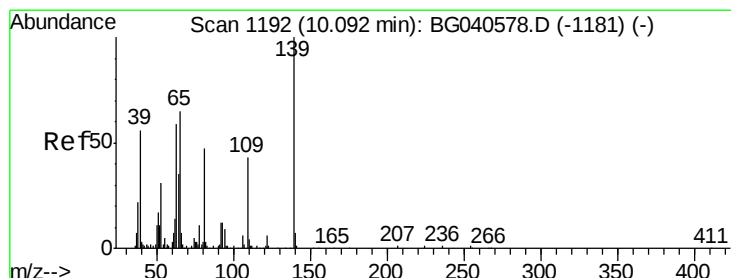
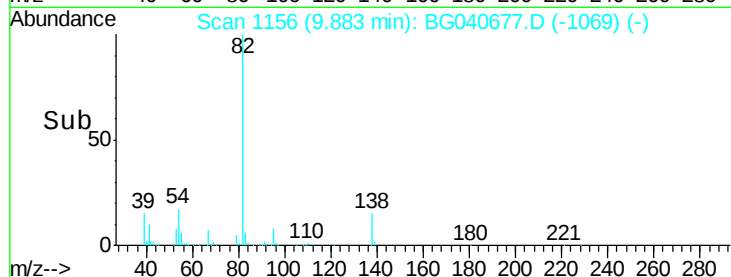
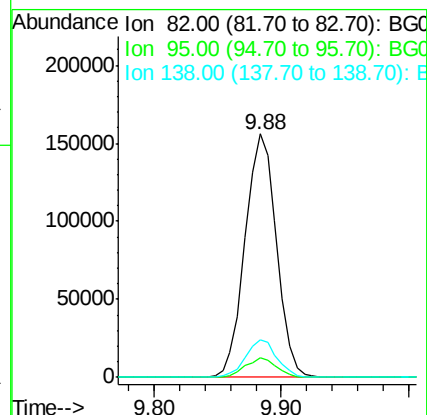
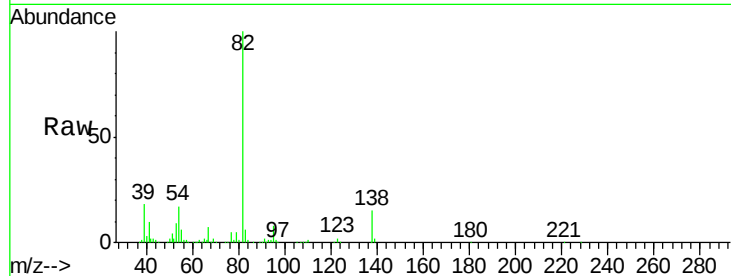
Tot Ion: 82 Resp: 268063

Ion Ratio Lower Upper

82 100

95 8.2 6.9 10.3

138 15.2 12.3 18.5



#26

2-Nitrophenol

Concen: 44.292 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

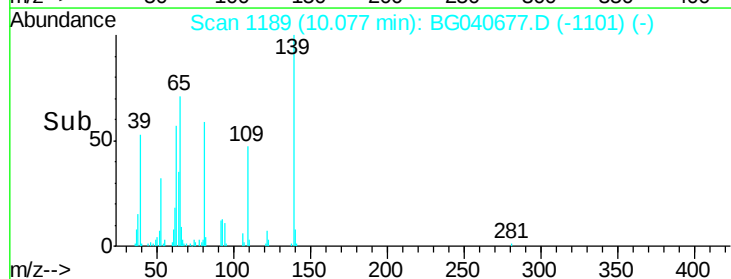
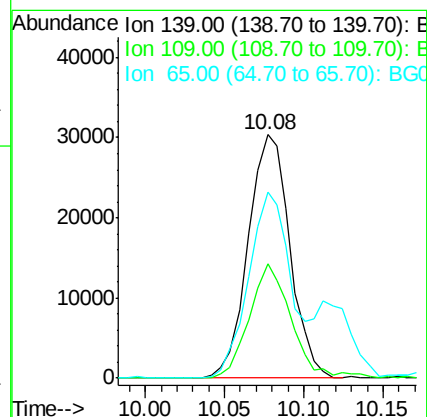
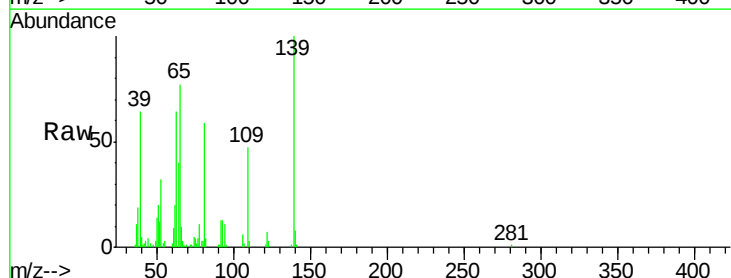
Tgt Ion: 139 Resp: 55444

Ion Ratio Lower Upper

139 100

109 46.9 35.6 53.4

65 76.6 52.3 78.5

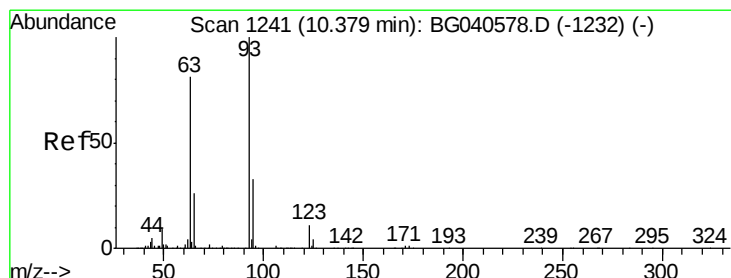
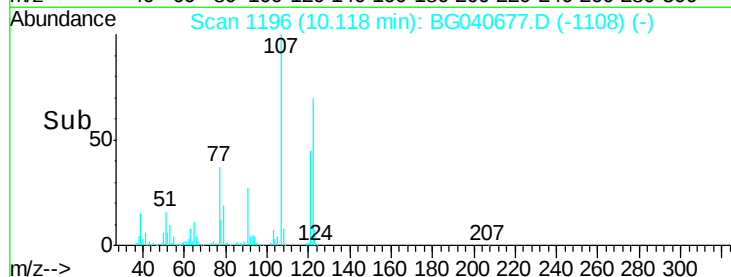
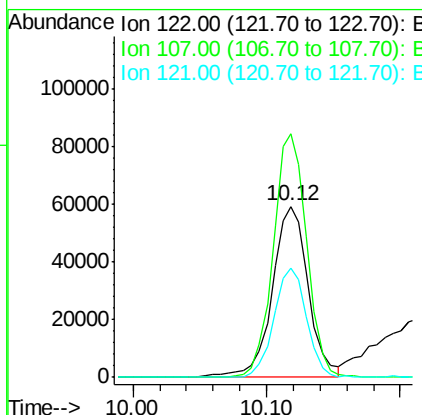
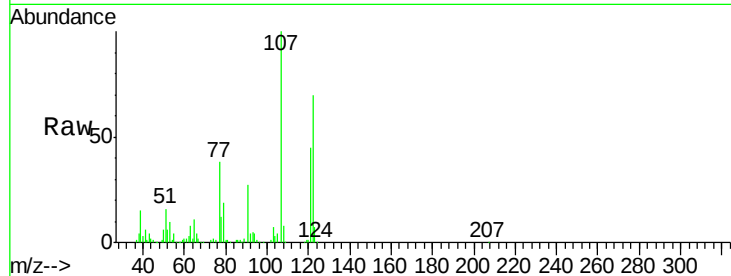




#27
 2,4-Dimethylphenol
 Concen: 47.428 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

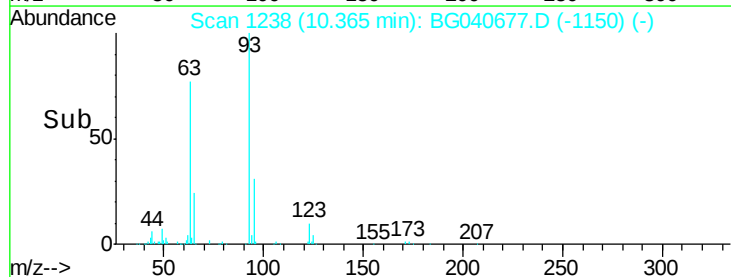
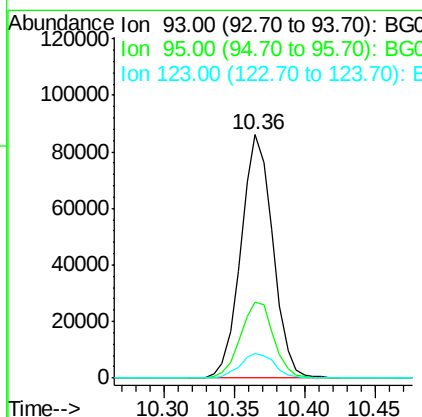
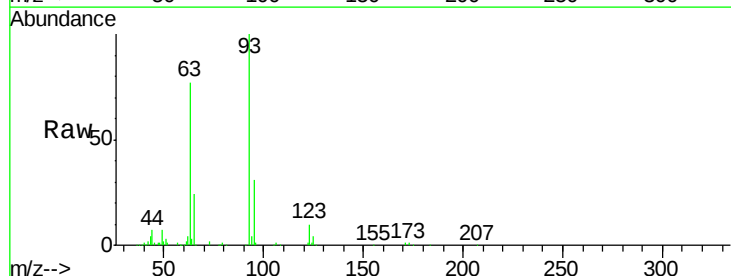
Instrument :
 BNA_G
 ClientSampled :
 PB119042BS

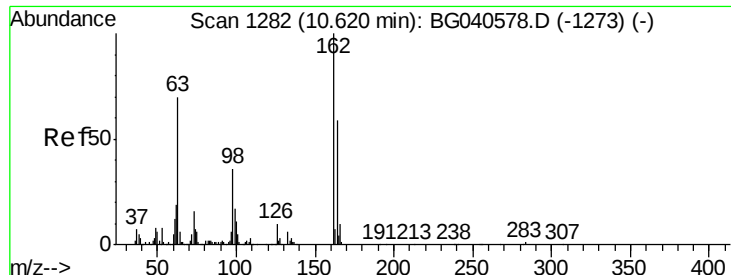
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.4	110.1	165.1
121	64.0	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.267 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.6	40.0
123	10.1	9.0	13.4

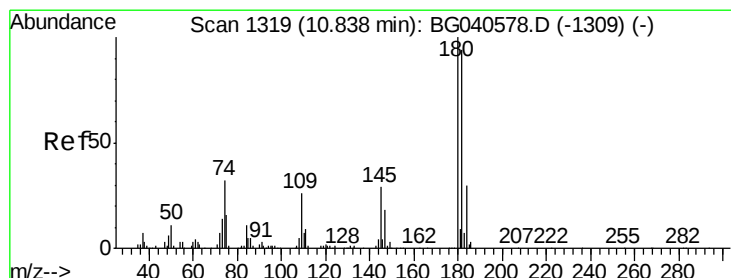
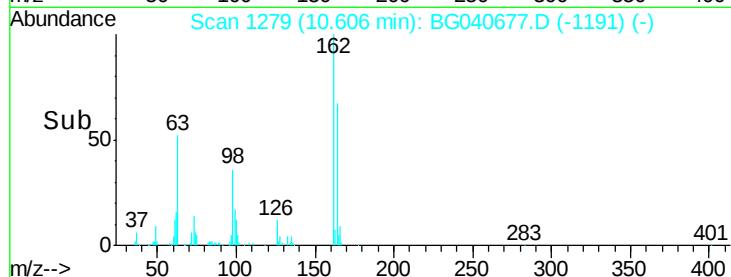
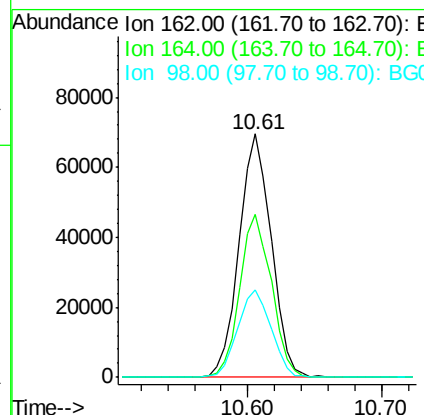
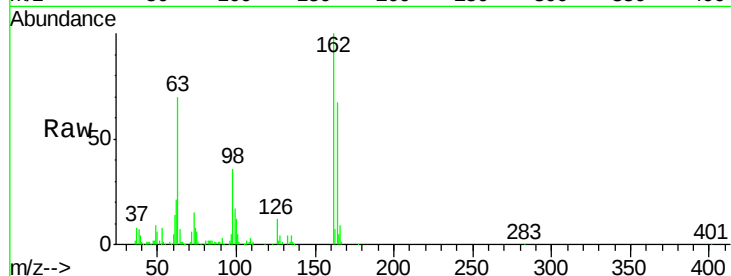




#29
2,4-Dichlorophenol
Concen: 43.604 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

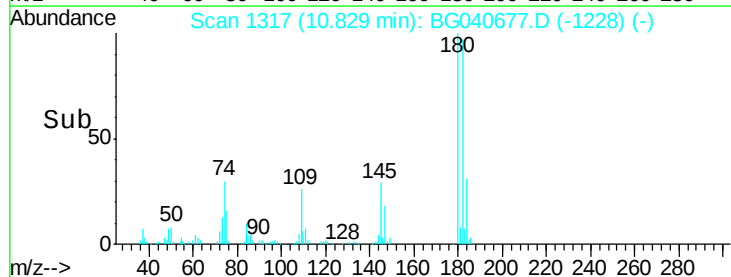
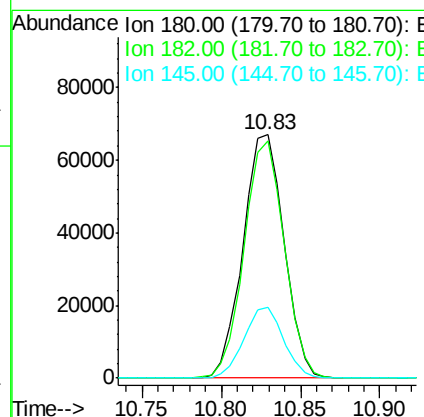
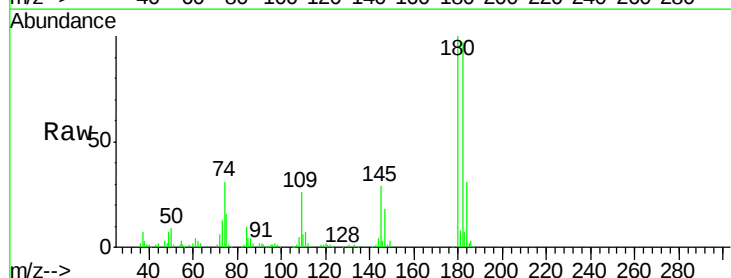
Instrument :
BNA_G
ClientSampleId :
PB119042BS

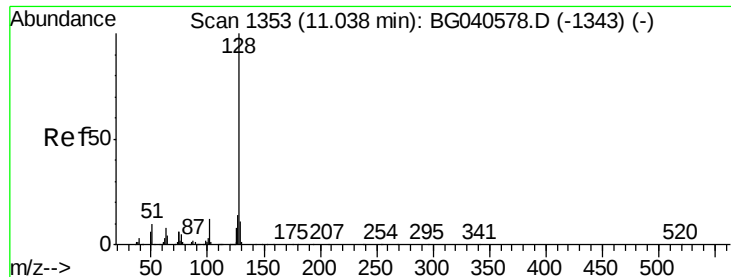
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	38.9	78.9
98	35.7	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 40.750 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.2	112.8
145	29.1	23.6	35.4

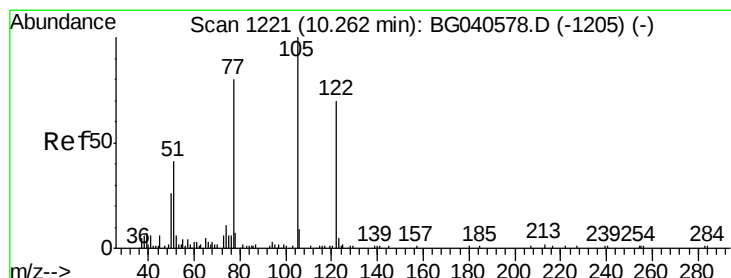
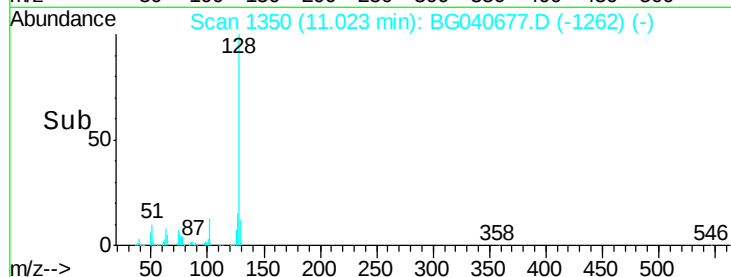
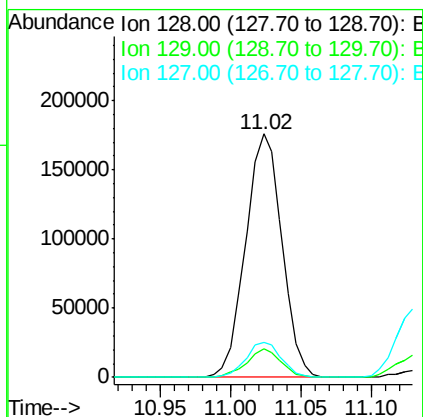
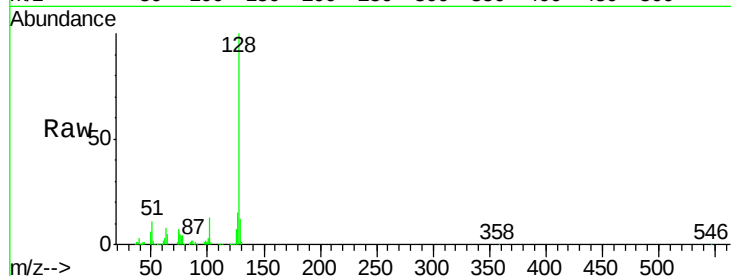




#31
Naphthalene
Concen: 39.608 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

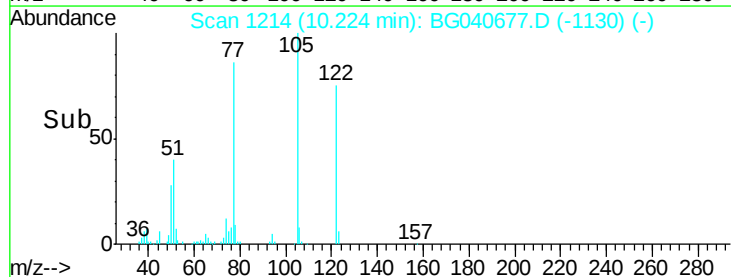
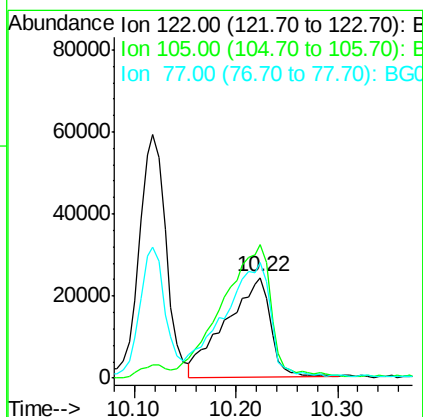
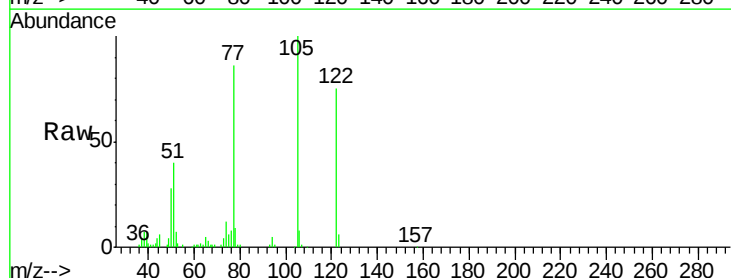
Instrument :
BNA_G
ClientSampleId :
PB119042BS

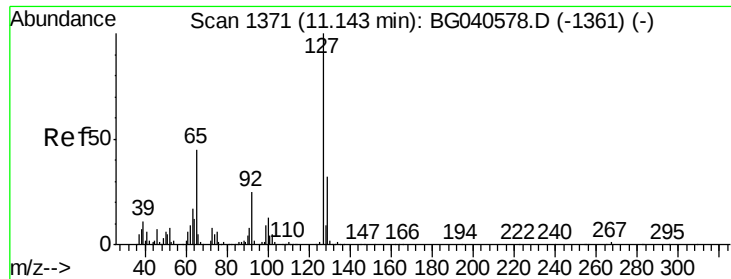
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.5	11.3	16.9



#32
Benzoic acid
Concen: 45.175 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	110.9	150.9
77	115.1	87.6	127.6

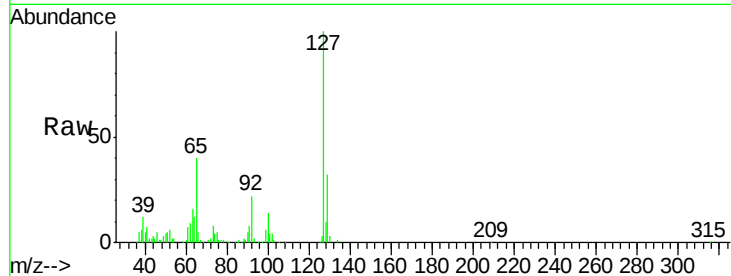




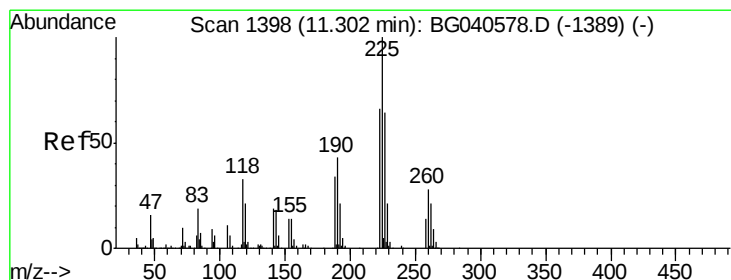
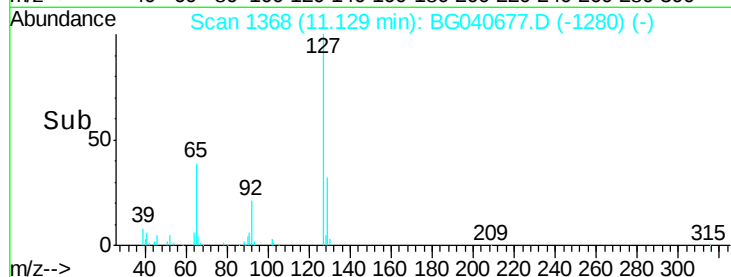
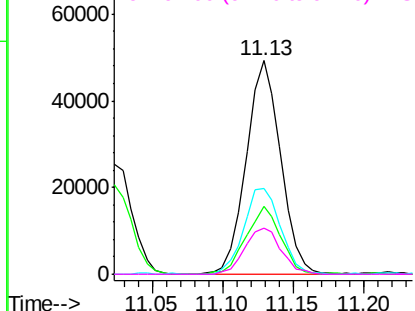
#33
4-Chloroaniline
Concen: 23.677 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tot Ion:127	Resp:	84348
Ion	Ratio	Lower Upper
127	100	
129	31.8	25.7 38.5
65	40.2	36.1 54.1
92	21.5	20.1 30.1

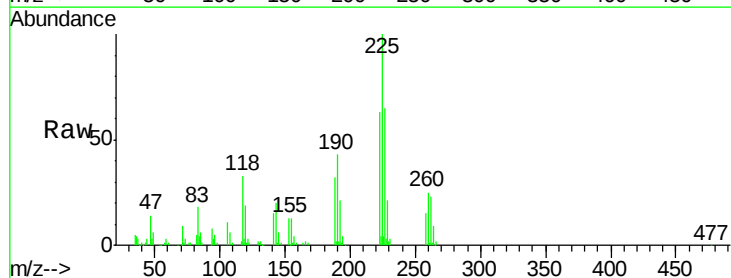


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

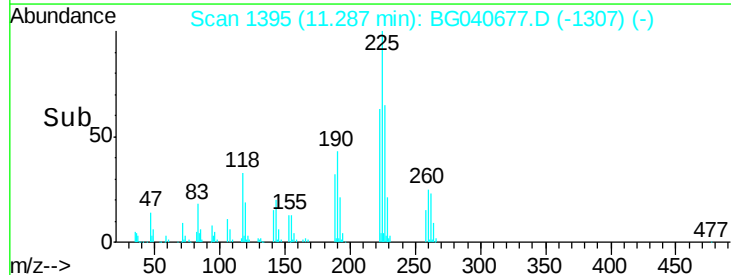
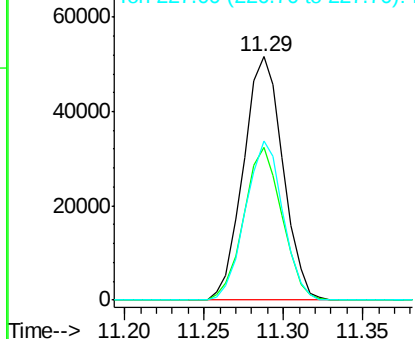


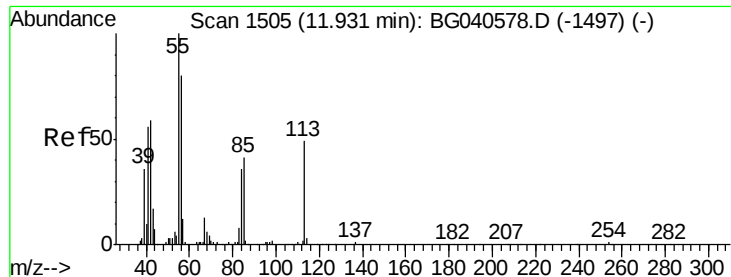
#34
Hexachlorobutadiene
Concen: 40.776 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion:225	Resp:	89139
Ion	Ratio	Lower Upper
225	100	
223	60.1	50.4 75.6
227	65.7	51.0 76.6



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: 40.311 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

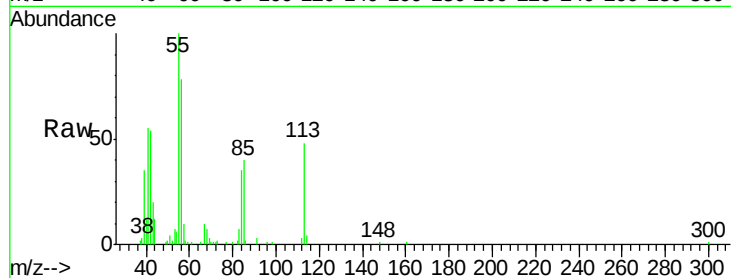
Tot Ion:113 Resp: 42496

Ion Ratio Lower Upper

113 100

55 209.4 198.6 238.6

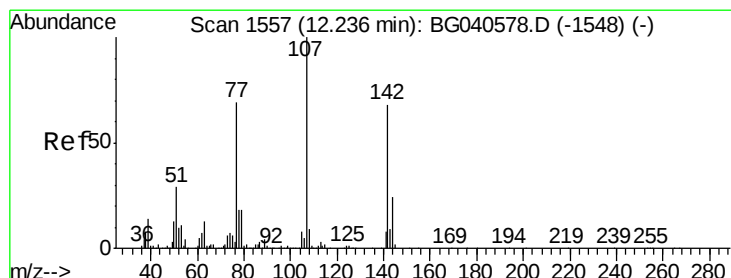
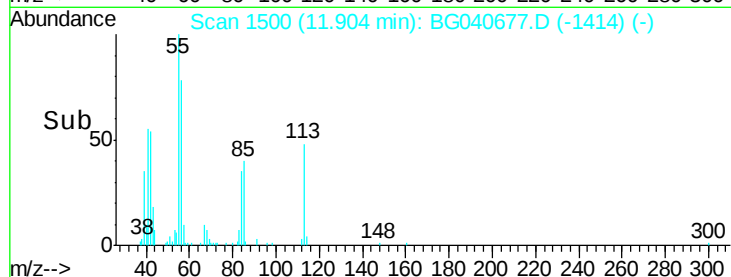
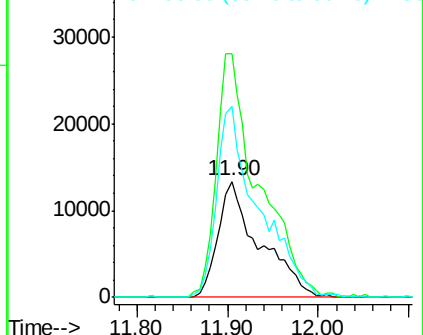
56 164.3 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.003 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

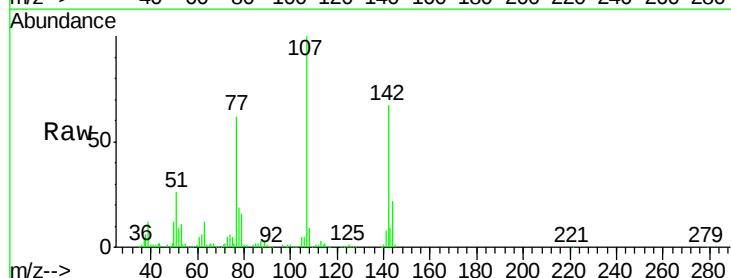
Tgt Ion:107 Resp: 141484

Ion Ratio Lower Upper

107 100

144 22.1 19.3 28.9

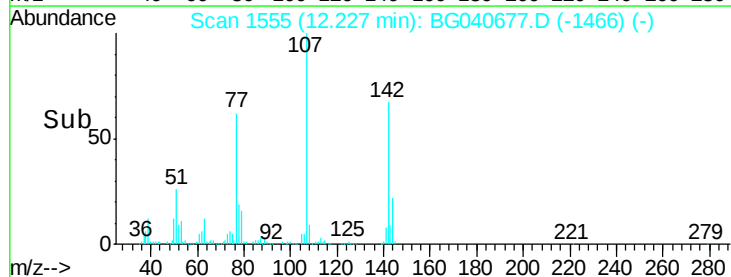
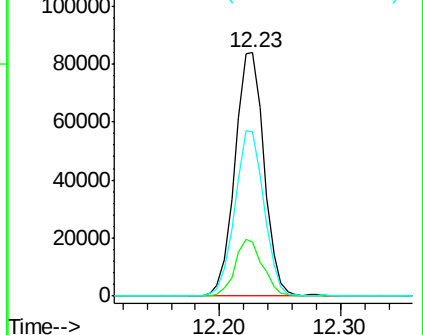
142 67.3 54.6 81.8

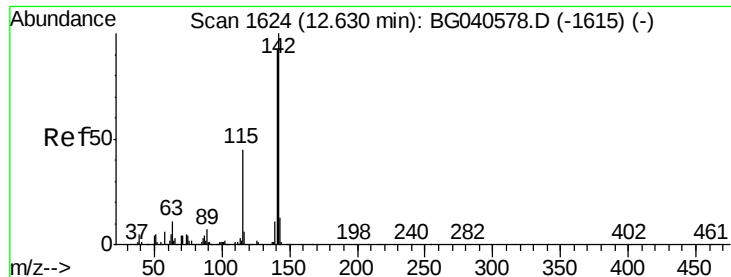


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

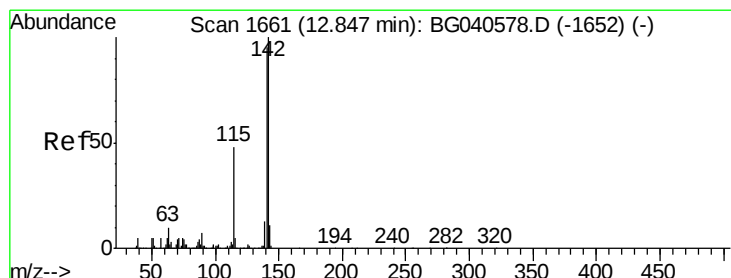
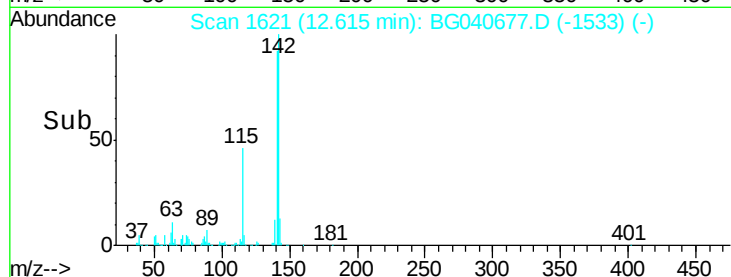
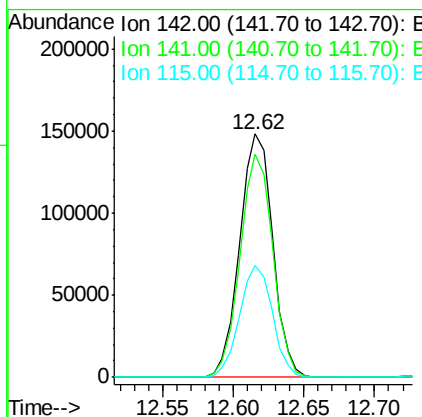
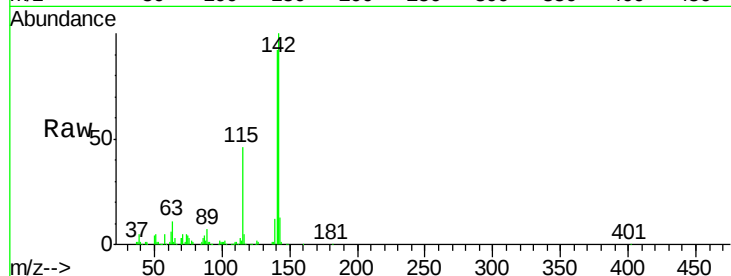




#37
 2-Methylnaphthalene
 Concen: 40.446 ng
 RT: 12.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

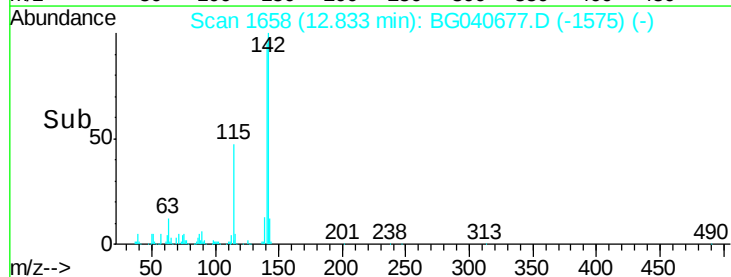
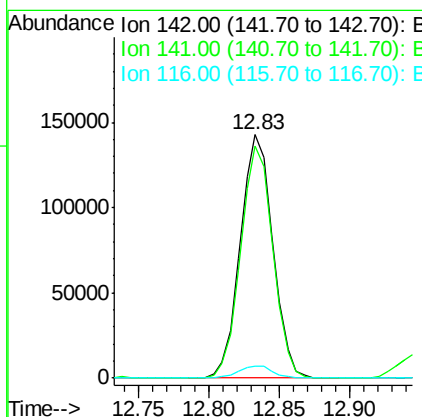
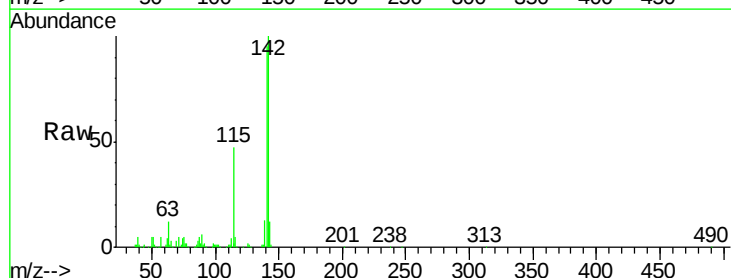
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.2
115	46.0	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 39.116 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.9	113.9
116	4.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

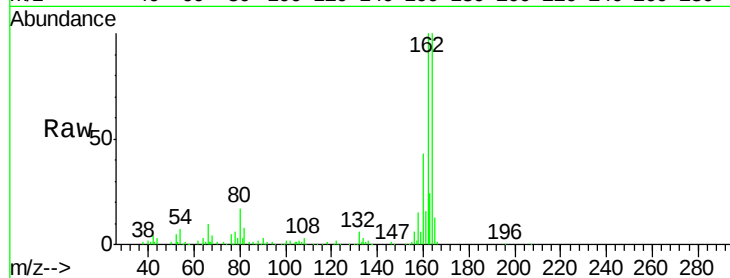
Tot Ion:164 Resp: 109018

Ion Ratio Lower Upper

164 100

162 100.0 81.9 122.9

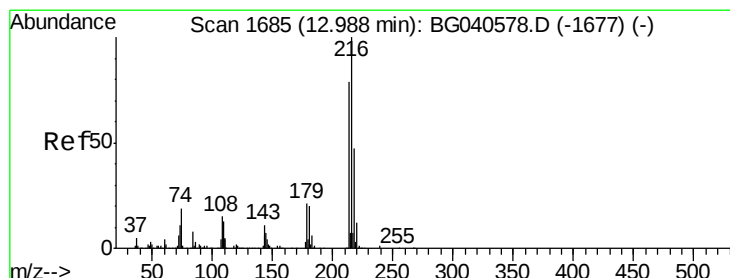
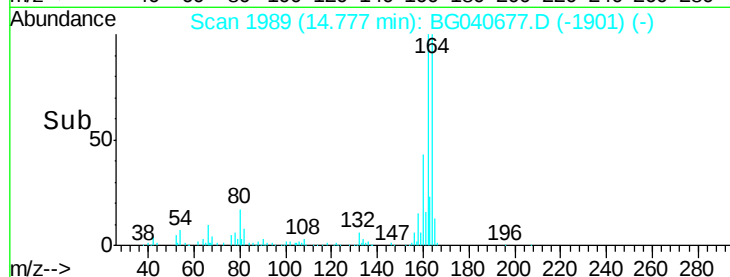
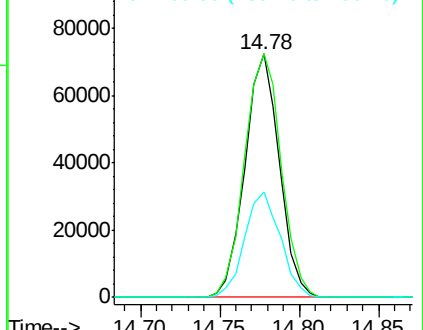
160 43.3 35.4 53.2



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: 40.162 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Tgt Ion:216 Resp: 163104

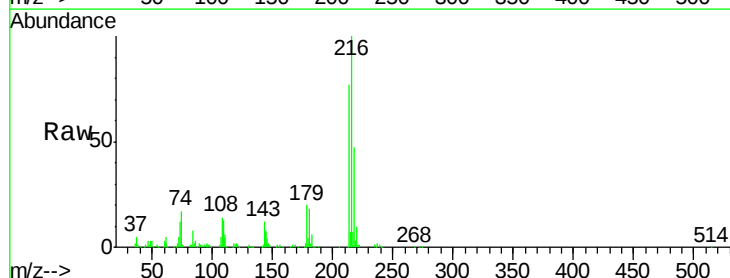
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 20.0 16.6 24.8

108 18.7 14.7 22.1

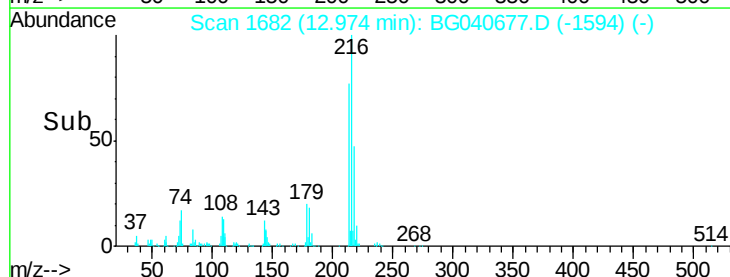
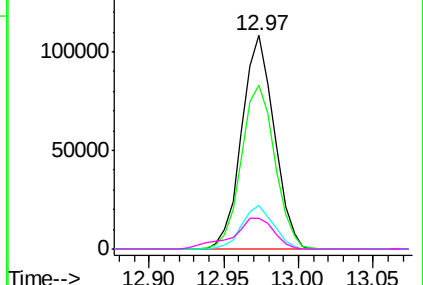


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.935 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

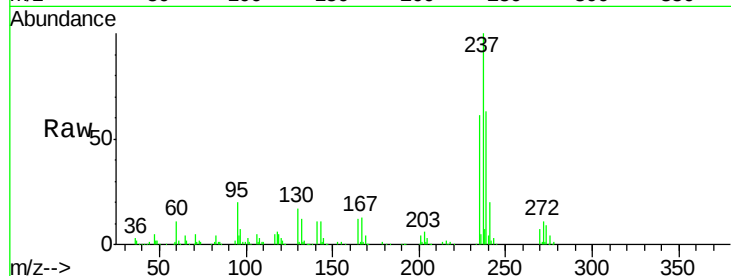
Tot Ion:237 Resp: 191560

Ion Ratio Lower Upper

237 100

235 61.4 42.5 82.5

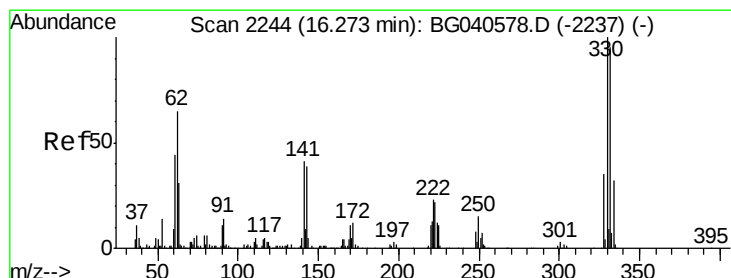
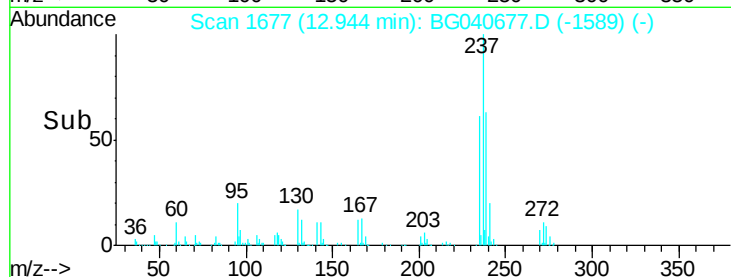
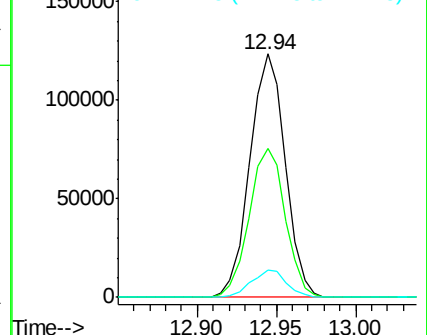
272 11.4 0.0 31.6



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: 153.566 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

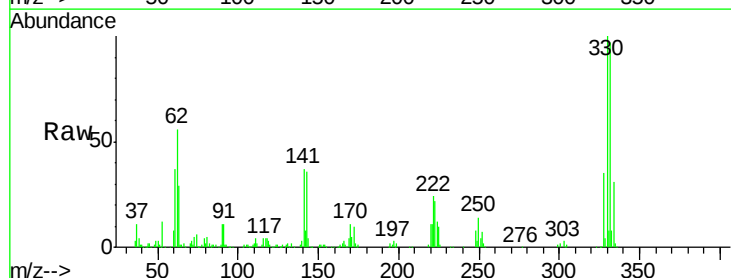
Tgt Ion:330 Resp: 230115

Ion Ratio Lower Upper

330 100

332 94.8 75.9 113.9

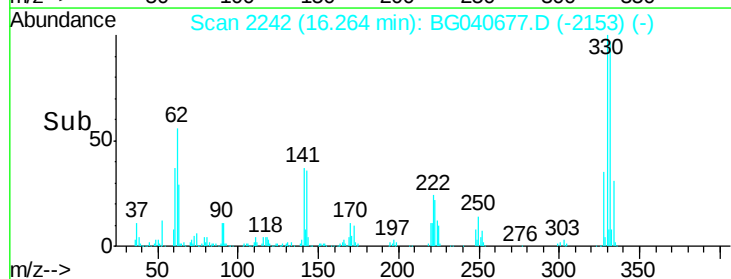
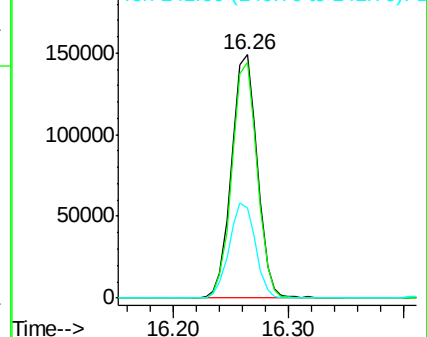
141 39.5 32.4 48.6

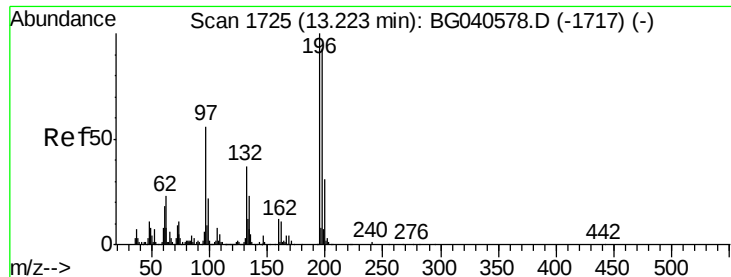


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

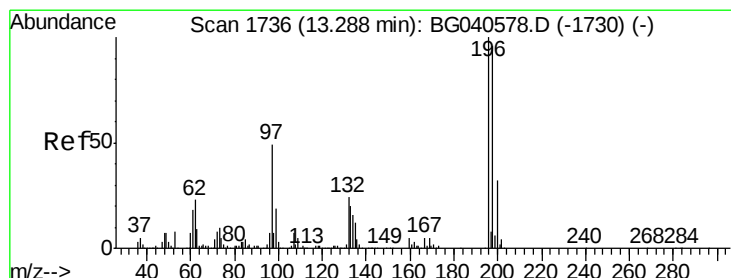
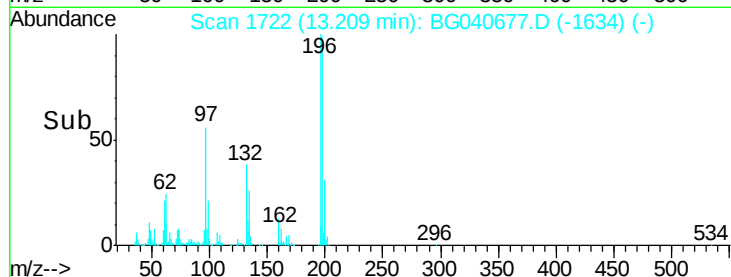
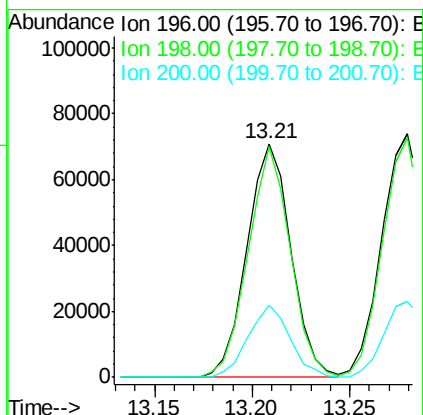
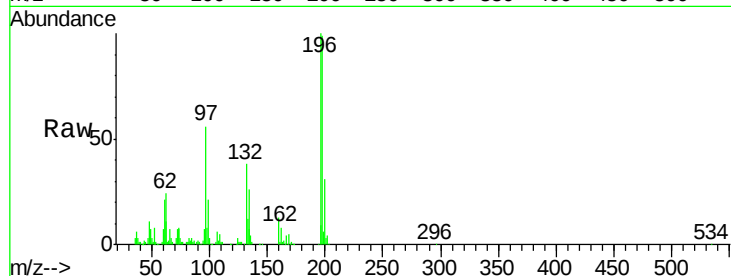




#43
 2,4,6-Trichlorophenol
 Concen: 45.008 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

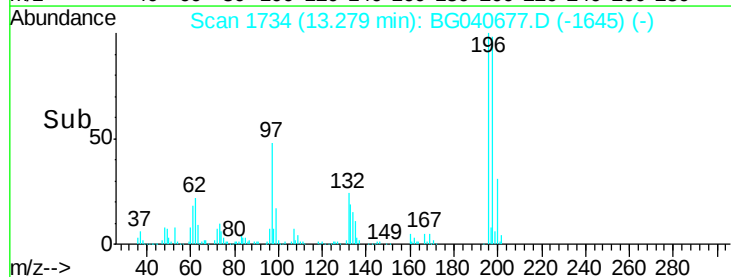
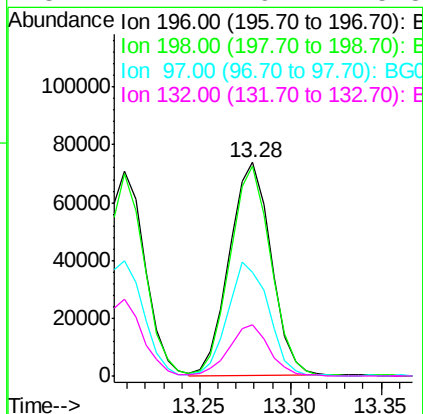
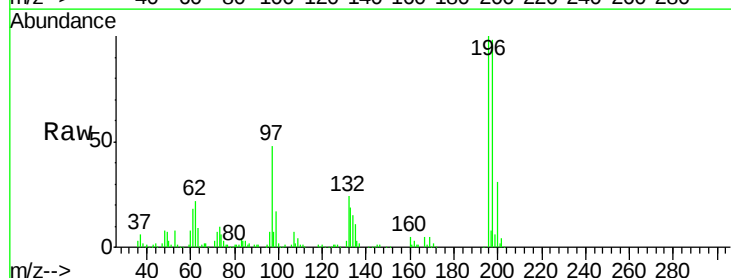
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

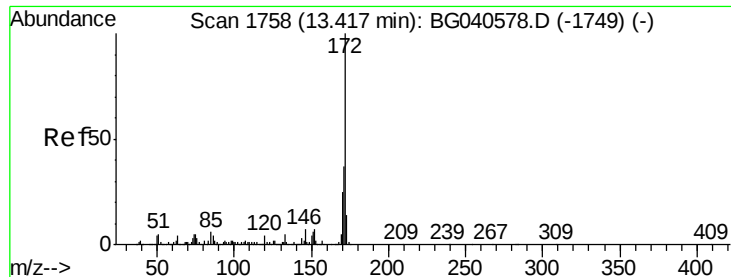
Tot Ion:196 Resp: 110458
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.8 112.2
 200 31.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.264 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

Tgt Ion:196 Resp: 118341
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.0 115.6
 97 48.4 40.0 60.0
 132 24.2 19.2 28.8





#45

2-Fluorobiphenyl

Concen: 77.573 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

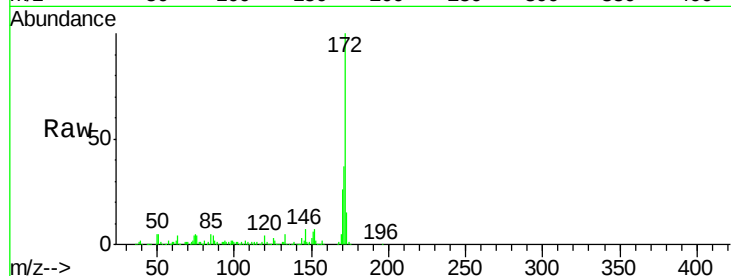
BNA_G

ClientSampleId :

PB119042BS

Tot Ion:172 Resp: 585576

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	25.8	19.9	29.9

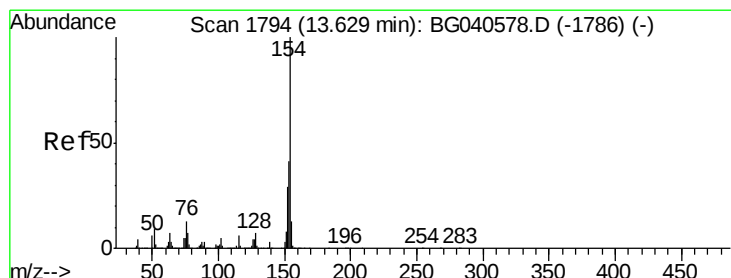
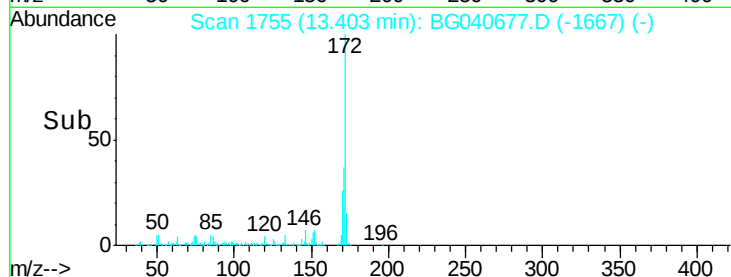
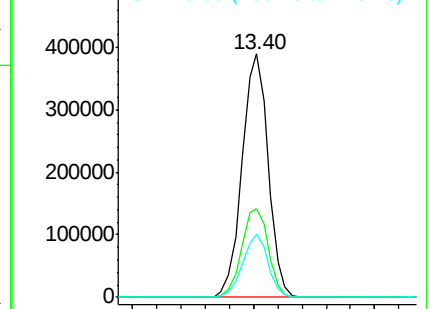


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.604 ng

RT: 13.61 min Scan# 1791

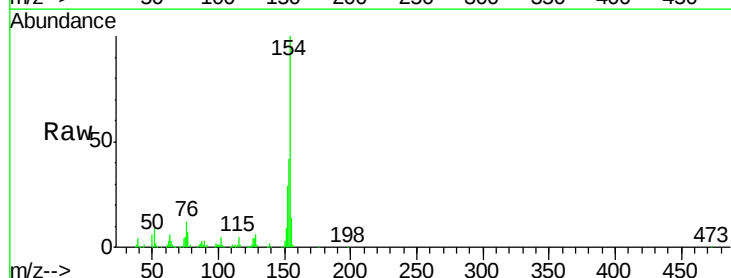
Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Tgt Ion:154 Resp: 326753

Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.5	60.5
76	12.2	0.0	32.5

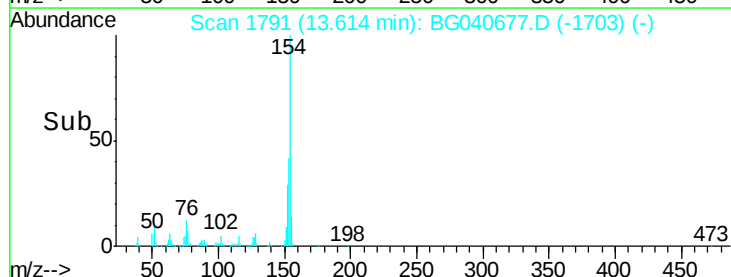
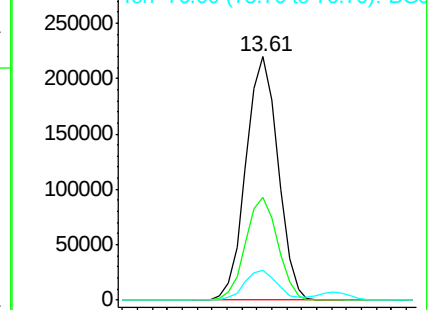


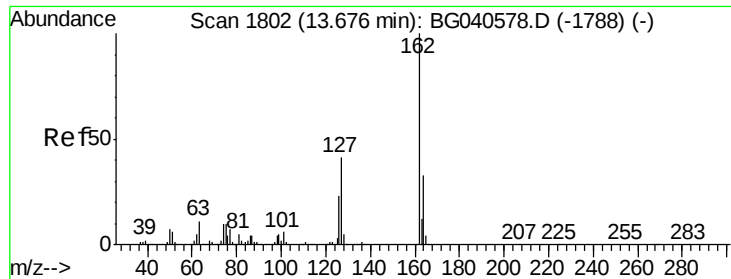
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

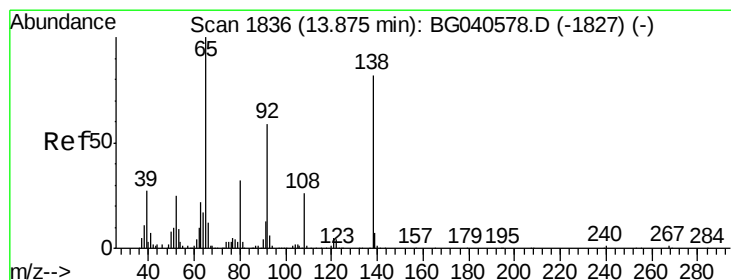
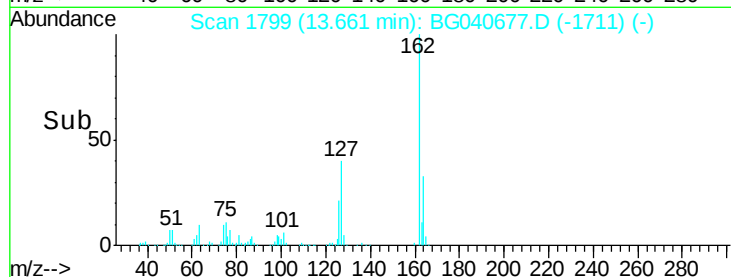
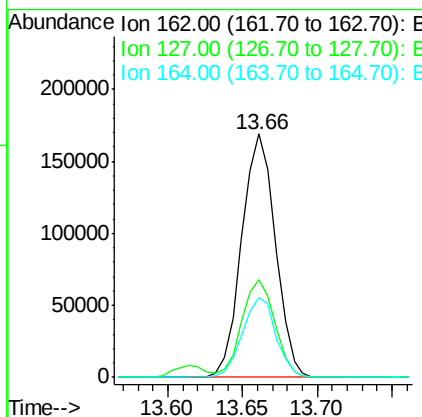
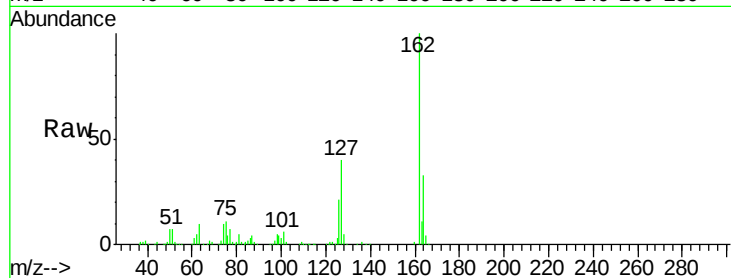




#47
2-Chloronaphthalene
Concen: 39.743 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

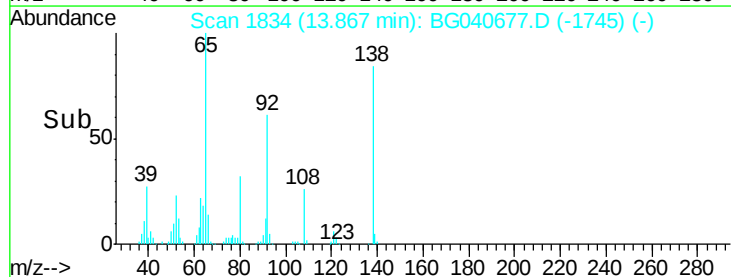
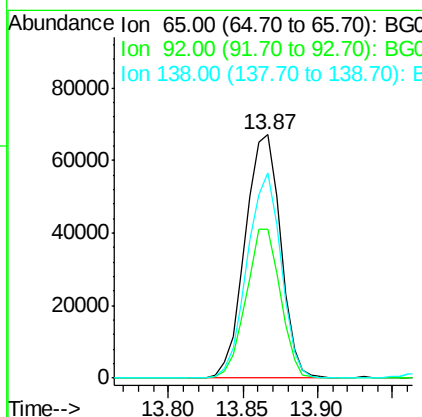
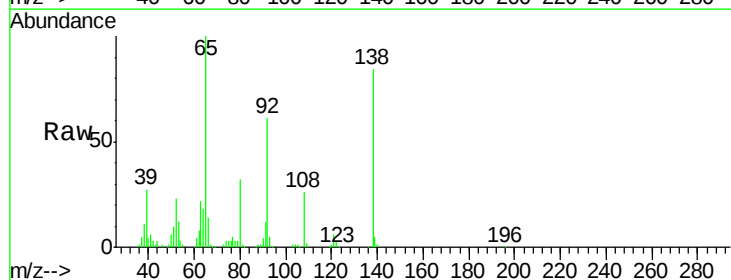
Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.0	49.4
164	32.9	26.8	40.2



#48
2-Nitroaniline
Concen: 46.655 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	47.4	71.0
138	84.4	66.1	99.1





#49

Acenaphthylene

Concen: 37.998 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

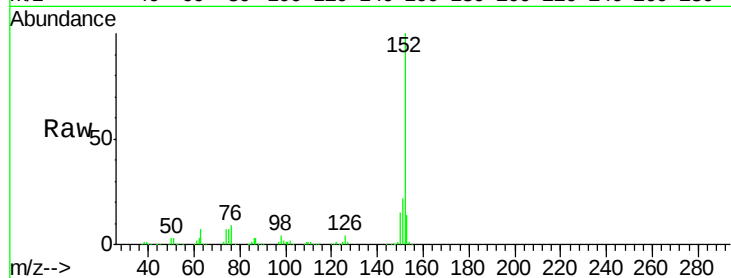
Tot Ion:152 Resp: 427042

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

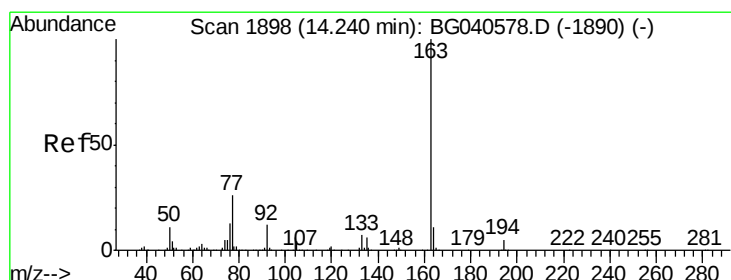
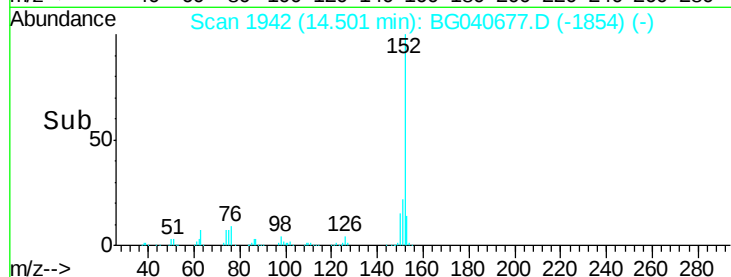
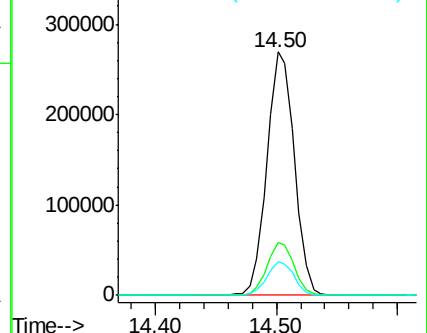
153 13.8 10.7 16.1



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: 40.767 ng

RT: 14.23 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

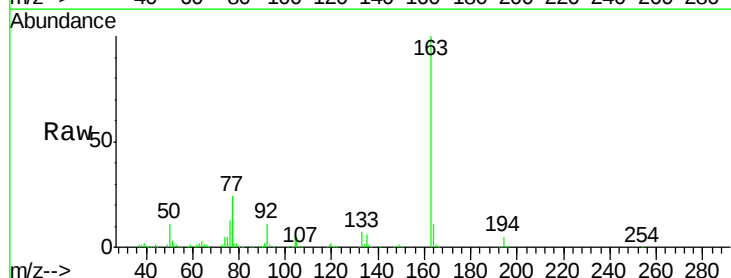
Tgt Ion:163 Resp: 371851

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

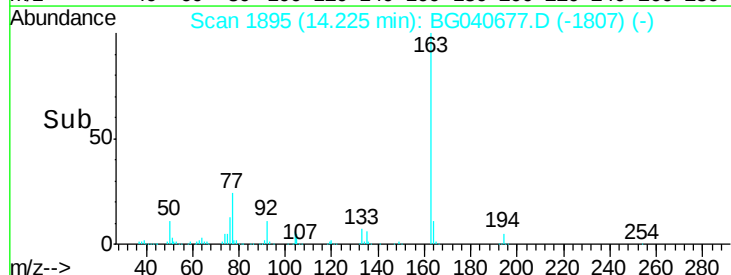
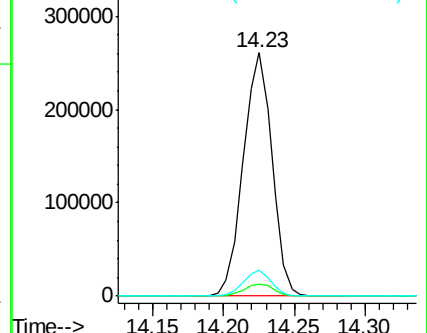
164 10.5 8.8 13.2

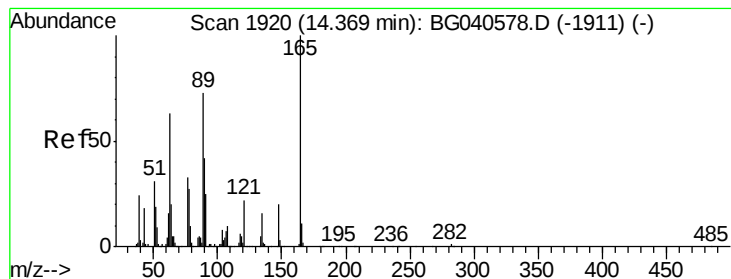


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.669 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

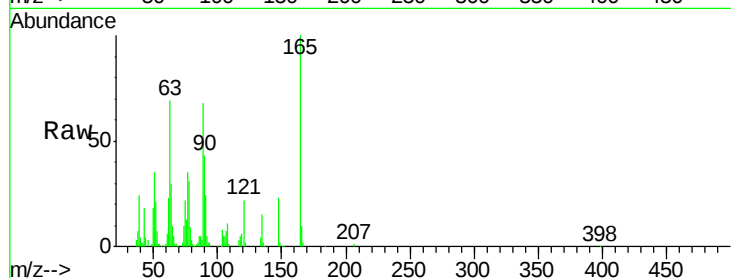
Tot Ion:165 Resp: 79520

Ion Ratio Lower Upper

165 100

63 69.0 61.0 91.4

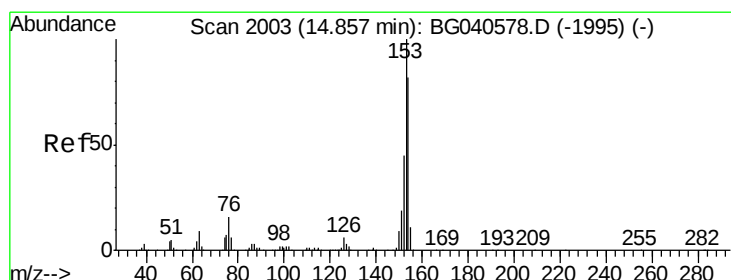
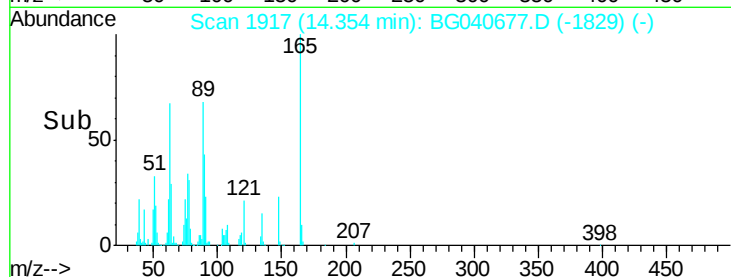
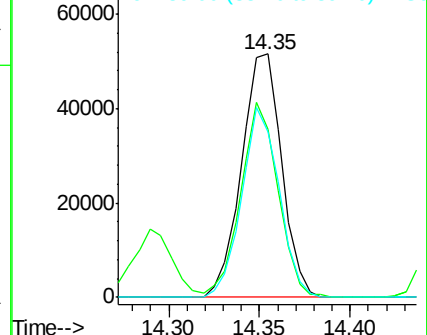
89 68.2 58.6 87.8



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: 38.479 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

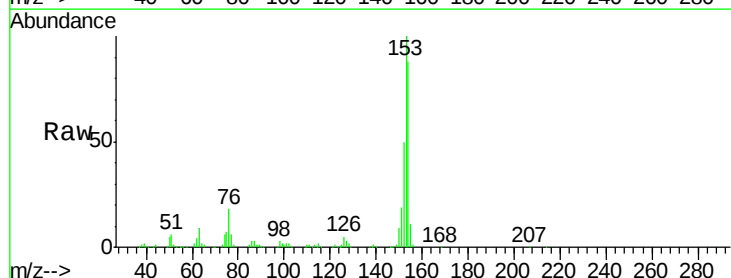
Tgt Ion:154 Resp: 251837

Ion Ratio Lower Upper

154 100

153 113.9 97.0 145.6

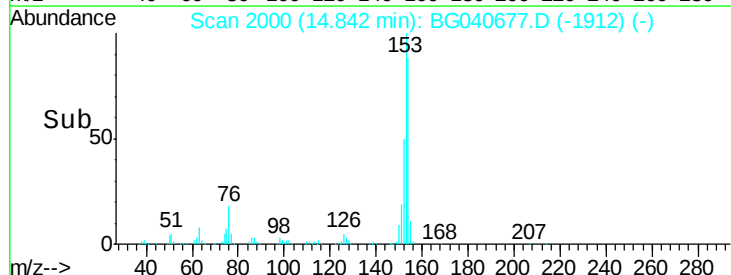
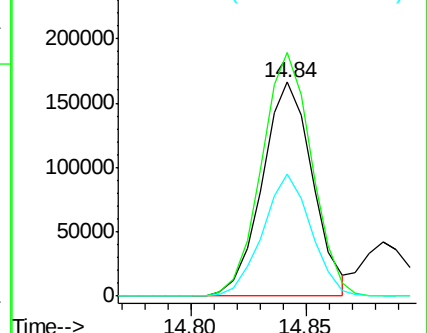
152 57.1 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

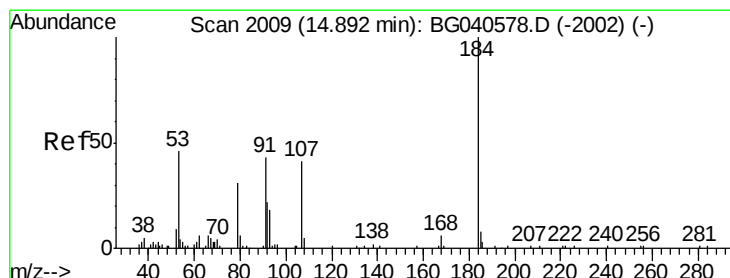
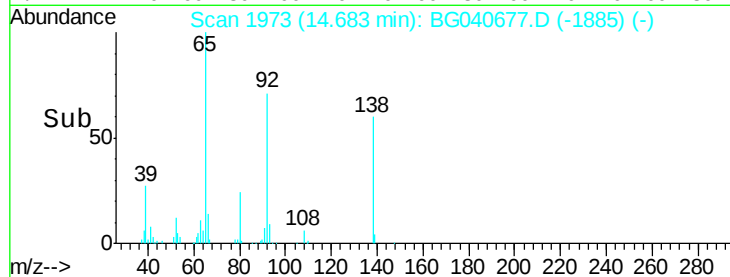
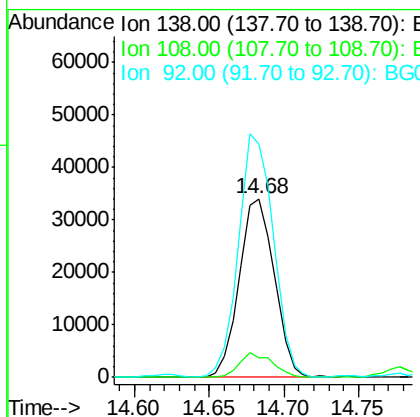
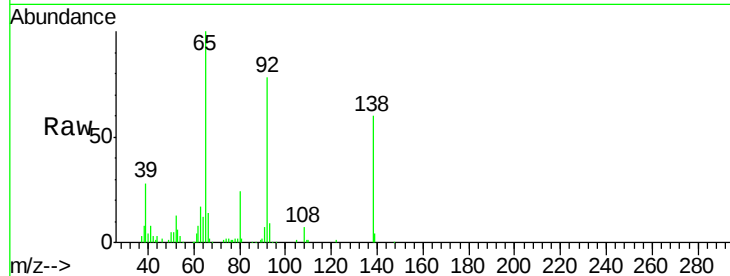




#53
 3-Nitroaniline
 Concen: 30.451 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

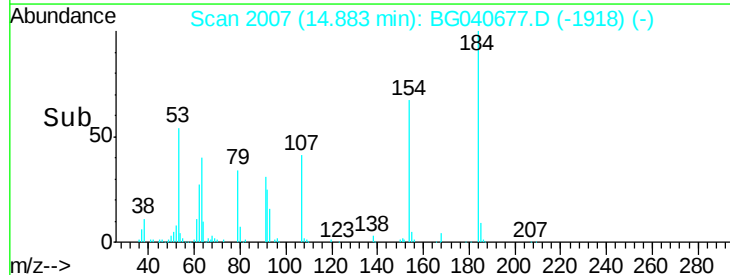
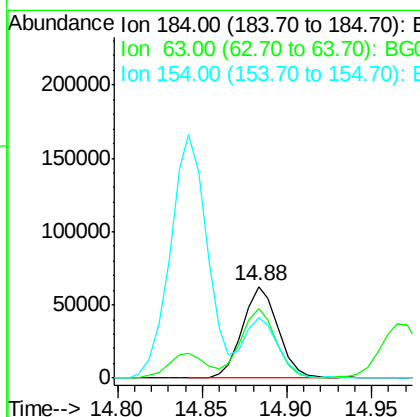
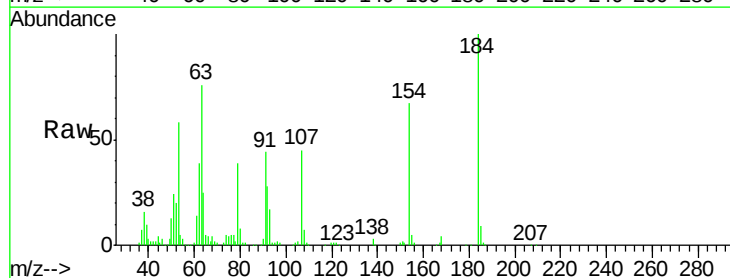
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

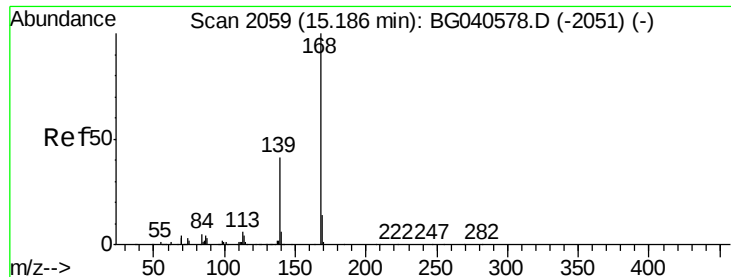
Tot Ion:138 Resp: 55544
 Ion Ratio Lower Upper
 138 100
 108 10.9 12.4 18.6#
 92 131.0 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 90.913 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

Tgt Ion:184 Resp: 92331
 Ion Ratio Lower Upper
 184 100
 63 75.8 51.8 77.6
 154 66.5 43.6 65.4#





#55

Diben-zofuran

Concen: 40.410 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

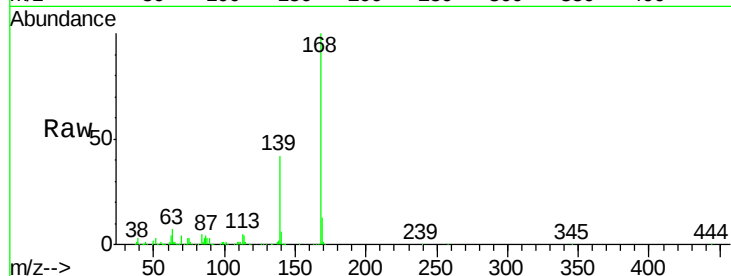
Tot Ion:168 Resp: 433195

Ion Ratio Lower Upper

168 100

139 42.4 33.0 49.4

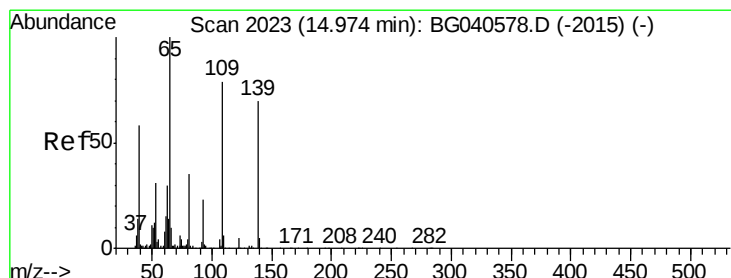
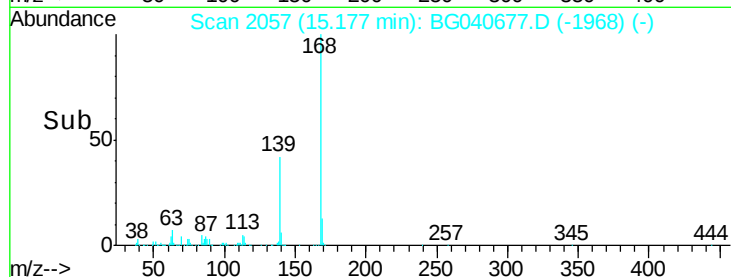
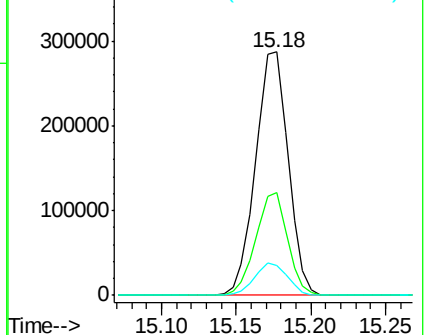
169 12.5 11.0 16.4



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: 89.613 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

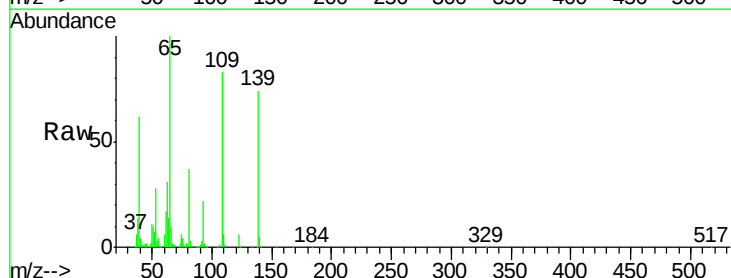
Tgt Ion:139 Resp: 141734

Ion Ratio Lower Upper

139 100

109 111.6 93.8 133.8

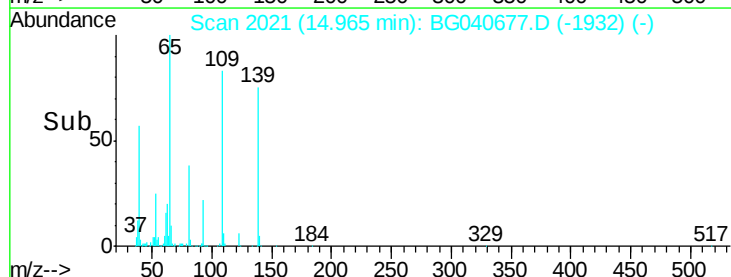
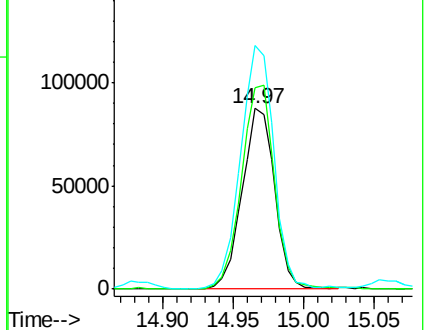
65 134.9 122.7 162.7

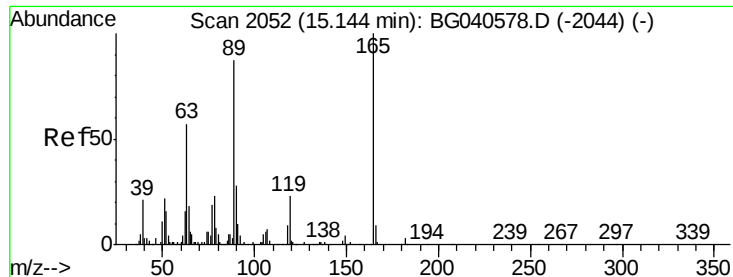


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

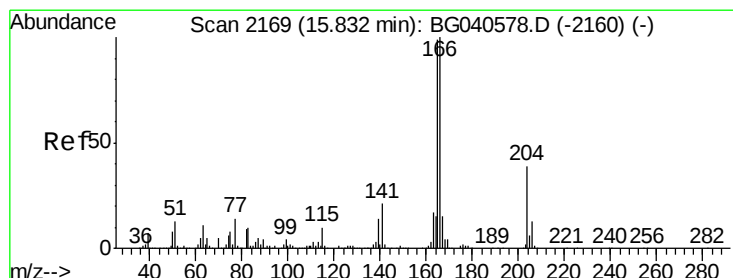
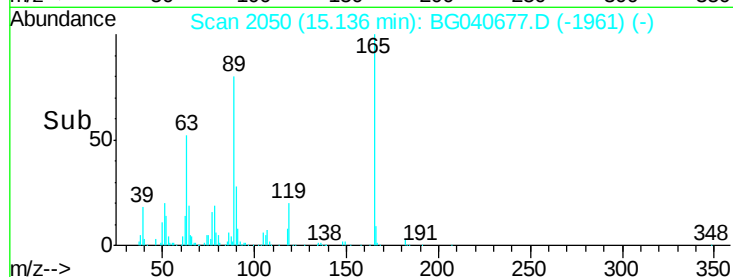
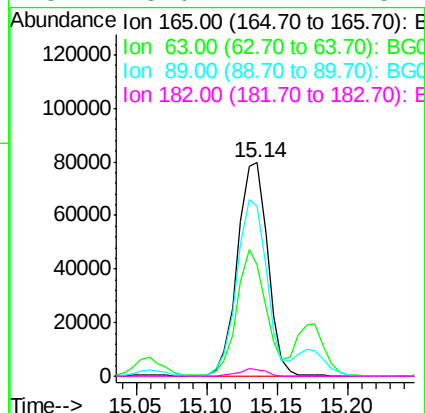
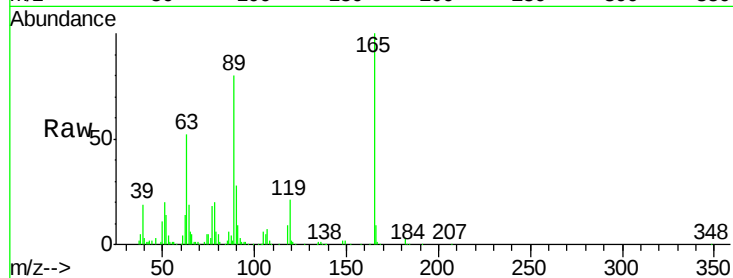




#57
2,4-Dinitrotoluene
Concen: 49.394 ng
RT: 15.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

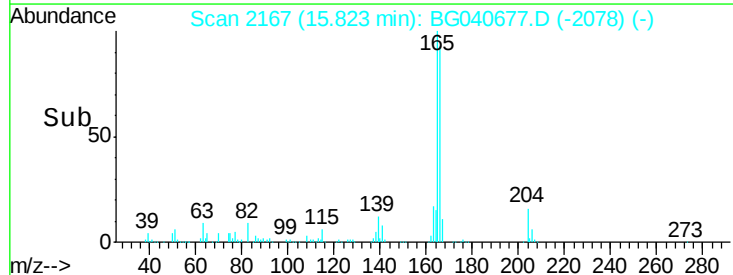
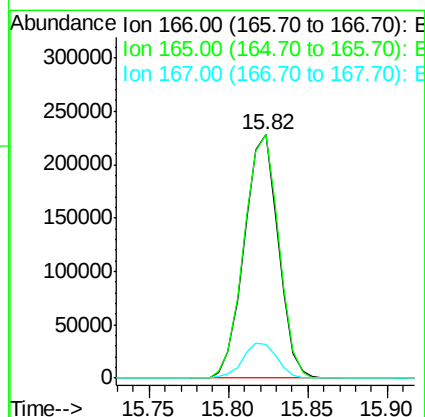
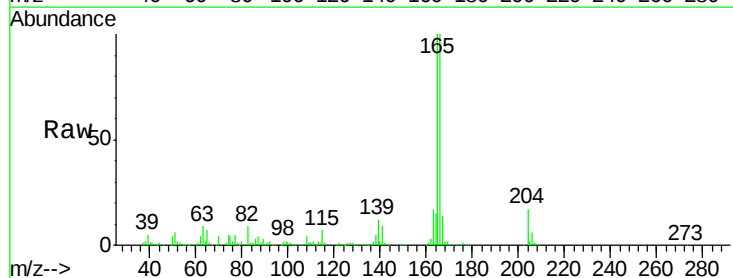
Instrument :
BNA_G
ClientSampleId :
PB119042BS

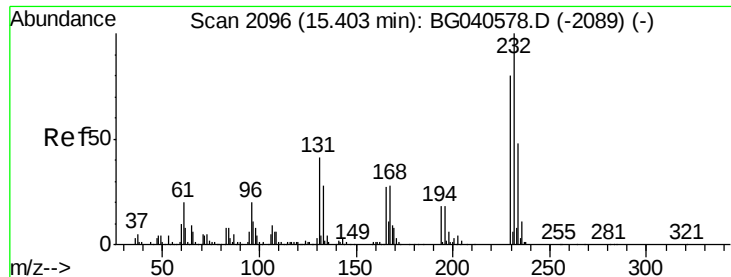
Tot Ion:165 Resp: 119484
Ion Ratio Lower Upper
165 100
63 52.0 45.8 68.8
89 79.8 69.4 104.2
182 3.0 2.2 3.4



#58
Fluorene
Concen: 39.163 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion:166 Resp: 339328
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 13.8 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.384 ng

RT: 15.39 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

Tot Ion:232 Resp: 127507

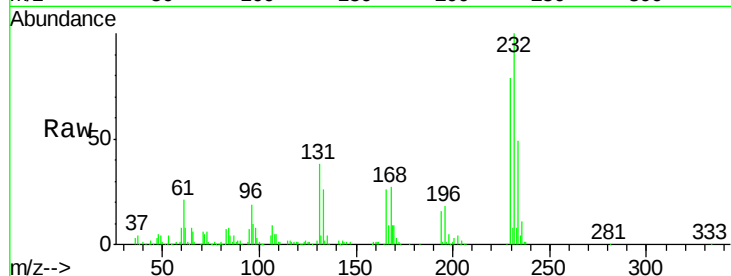
Ion Ratio Lower Upper

232 100

131 39.7 33.0 49.4

130 2.8 2.0 3.0

166 25.6 22.1 33.1

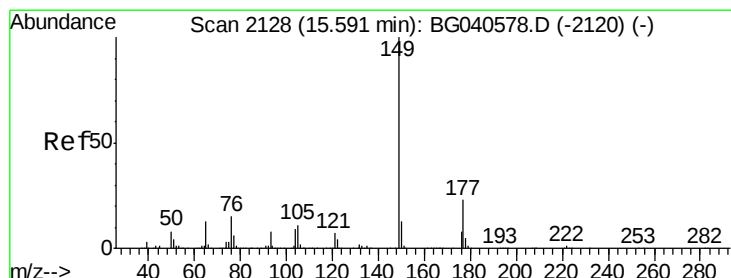
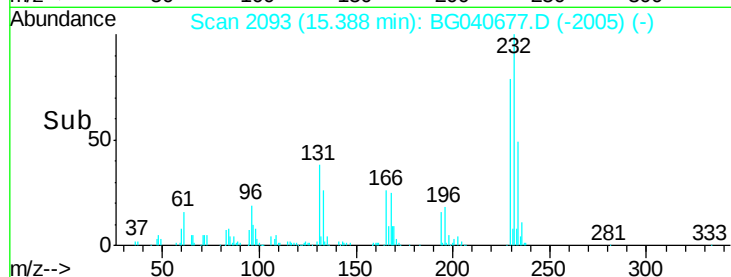
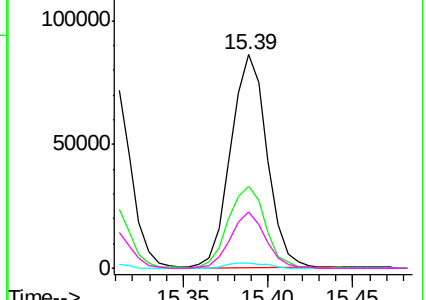


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.547 ng

RT: 15.58 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

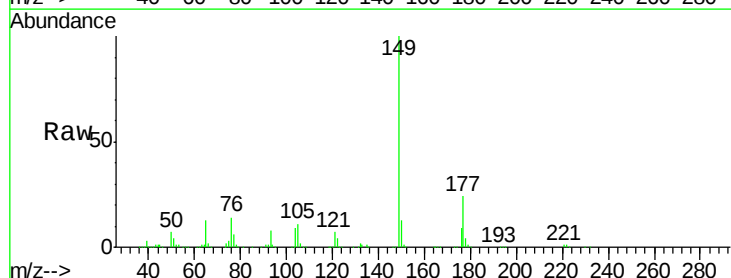
Tgt Ion:149 Resp: 390217

Ion Ratio Lower Upper

149 100

177 23.7 18.5 27.7

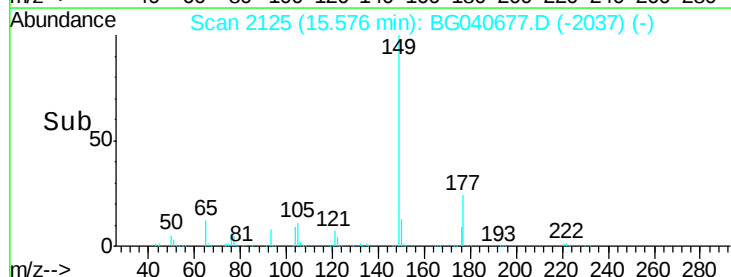
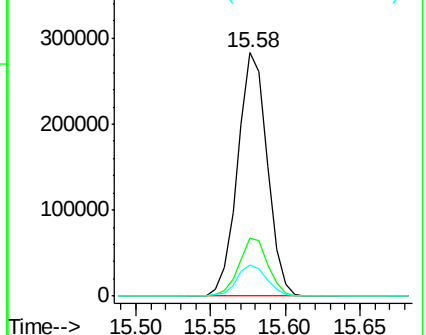
150 13.0 10.2 15.4

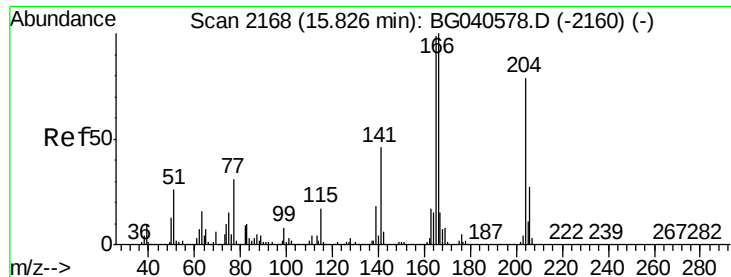


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

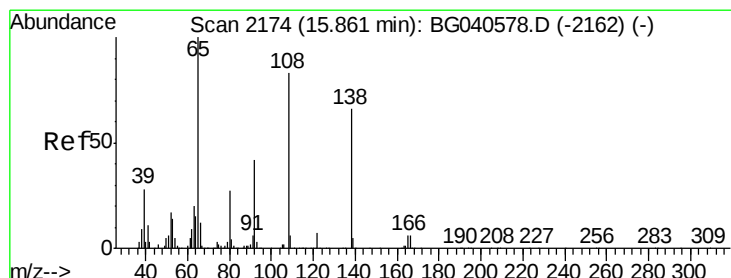
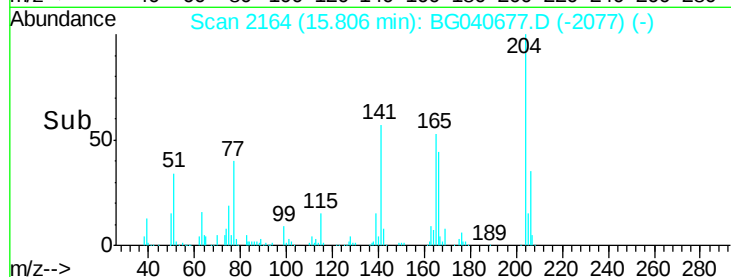
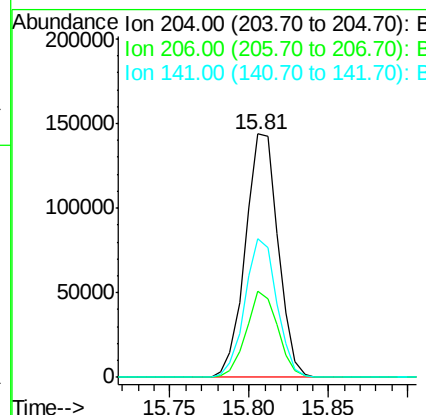
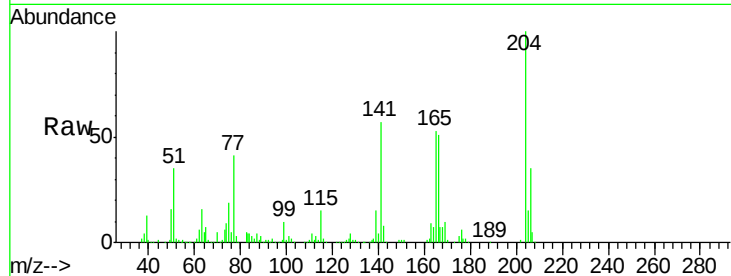




#61
4-Chlorophenyl-phenylether
Concen: 40.802 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

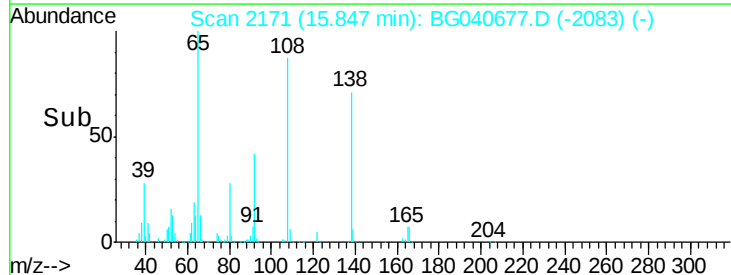
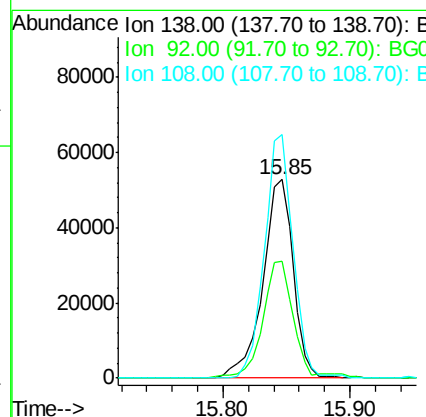
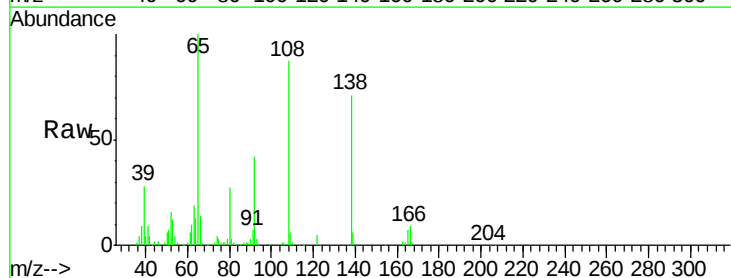
Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.4	41.2
141	57.1	46.0	69.0



#62
4-Nitroaniline
Concen: 43.357 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	43.9	83.9
108	122.7	106.5	146.5





#63

Azobenzene

Concen: 39.097 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

Tot Ion: 77 Resp: 387493

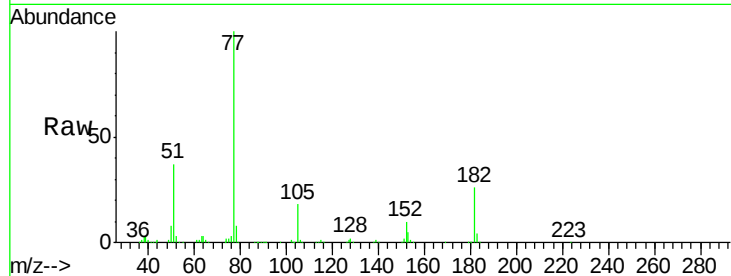
Ion Ratio Lower Upper

77 100

182 25.8 5.0 45.0

105 17.5 0.0 37.6

51 36.8 16.3 56.3

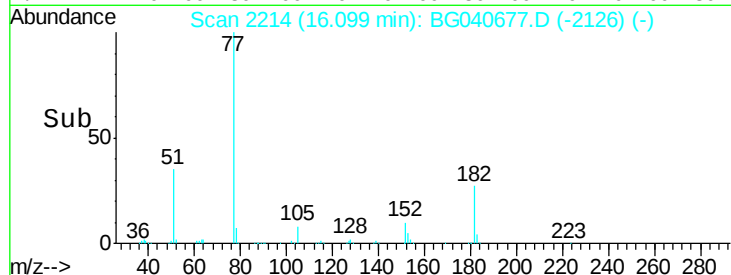


Abundance Ion 77.00 (76.70 to 77.70): BGC

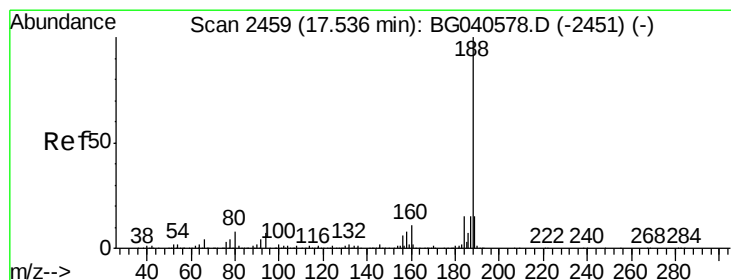
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

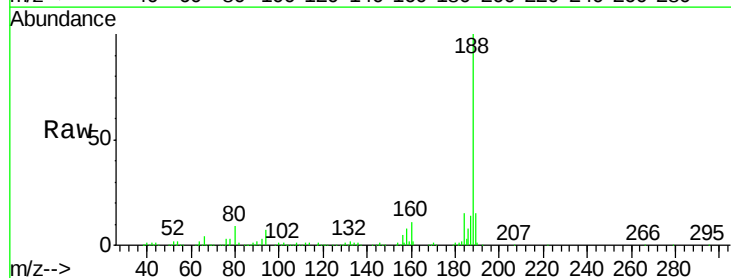
Tgt Ion: 188 Resp: 291306

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

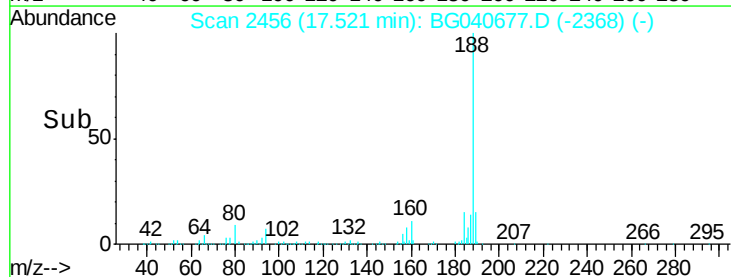
80 8.5 6.4 9.6



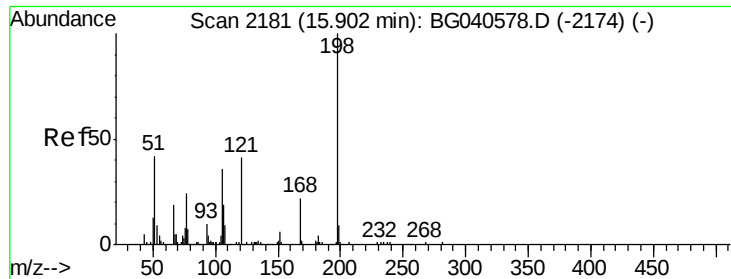
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 44.622 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

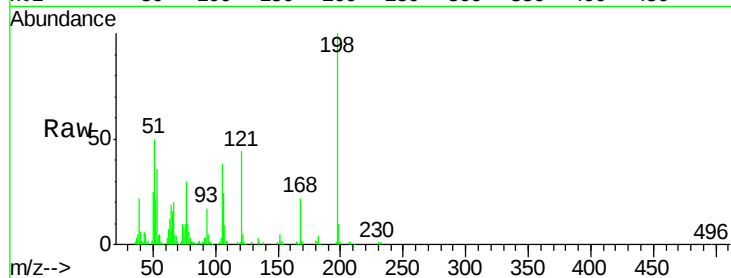
Tot Ion:198 Resp: 63206

Ion Ratio Lower Upper

198 100

51 50.1 35.9 75.9

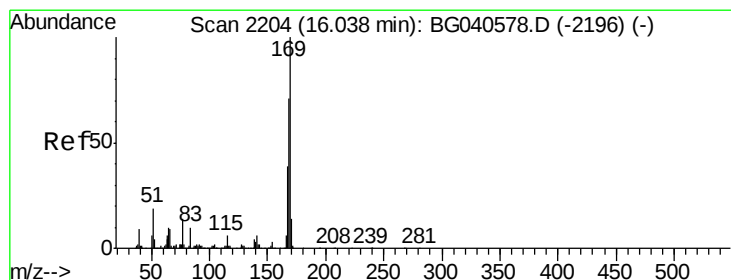
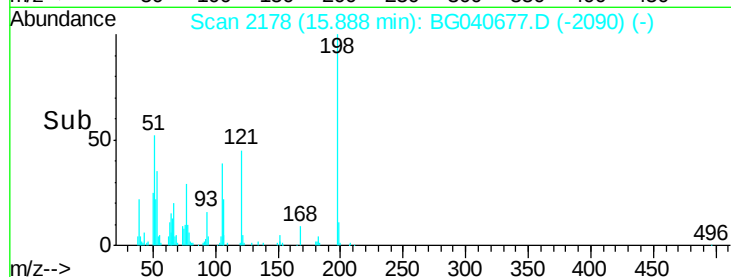
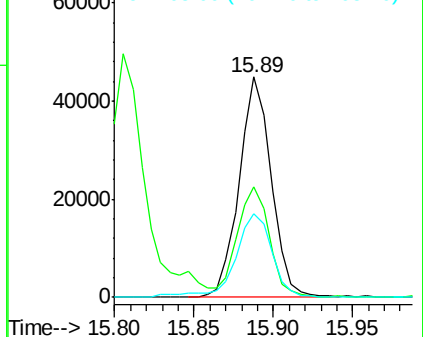
105 38.1 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.962 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

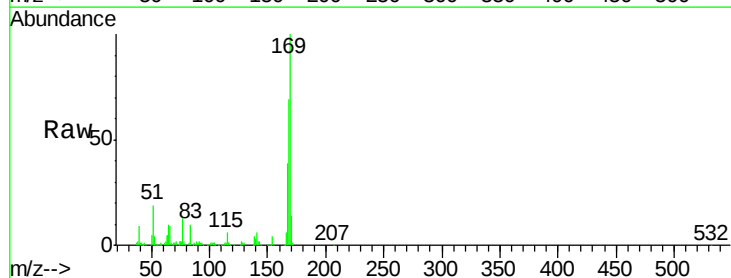
Tgt Ion:169 Resp: 325355

Ion Ratio Lower Upper

169 100

168 69.3 56.8 85.2

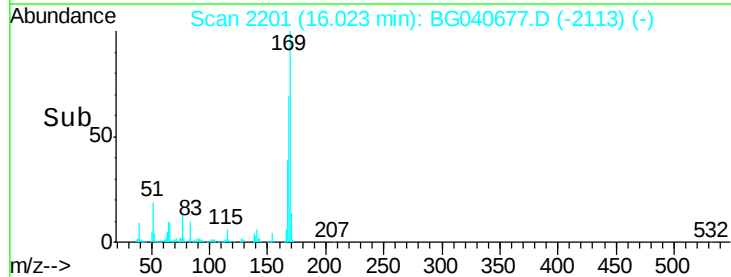
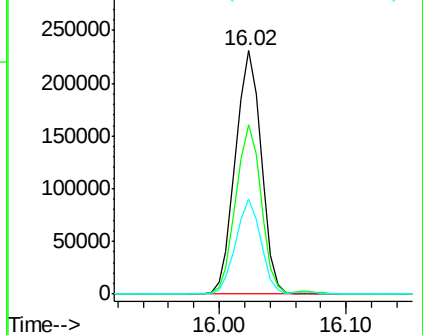
167 39.2 31.4 47.0

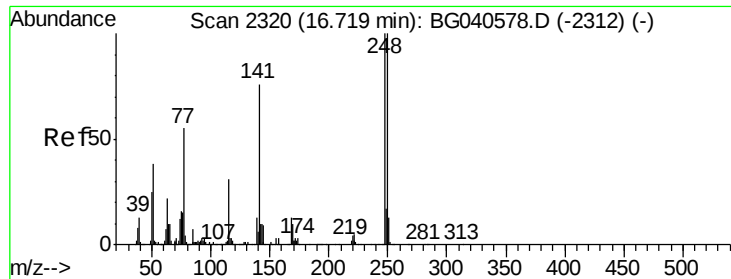


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

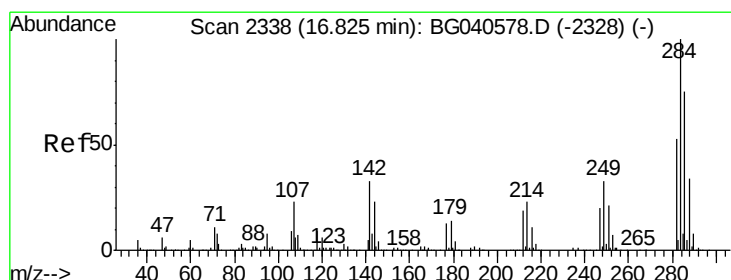
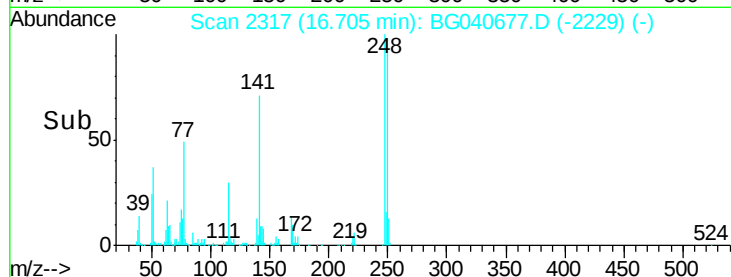
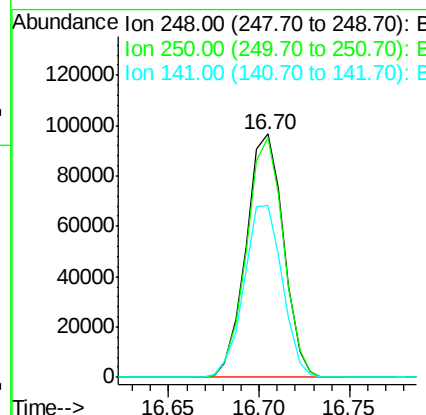
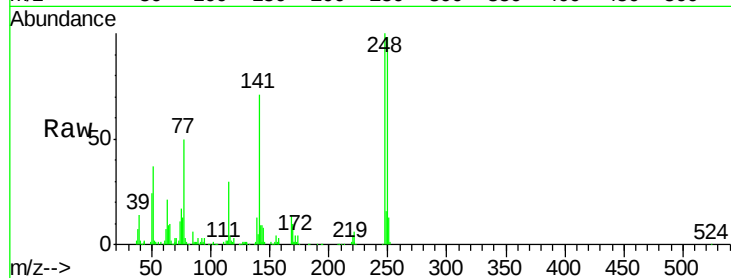




#67
4-Bromophenyl-phenylether
Concen: 38.255 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

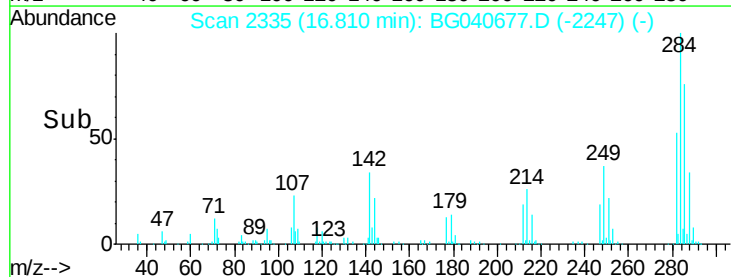
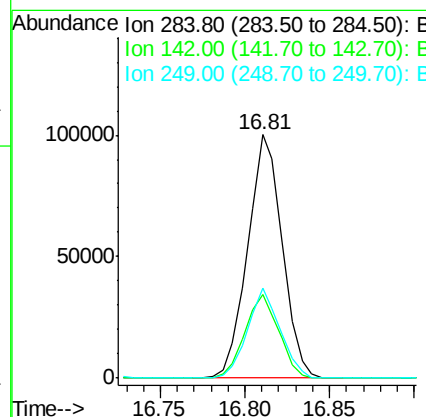
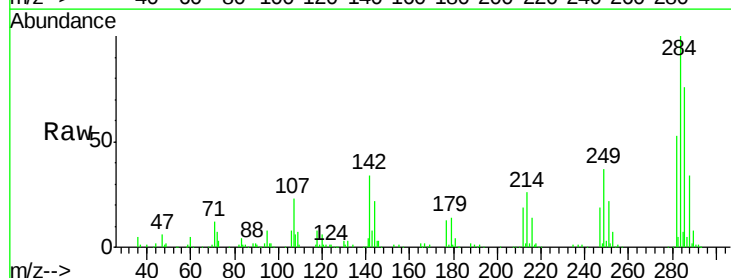
Instrument :
BNA_G
ClientSampleId :
PB119042BS

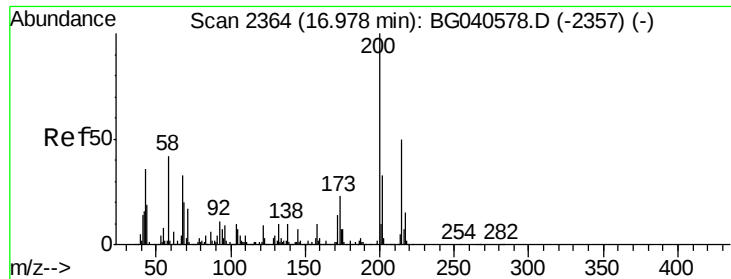
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.8	119.6
141	70.7	60.8	91.2



#68
Hexachlorobenzene
Concen: 37.946 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	26.6	40.0
249	39.8	26.0	39.0#





#69

Atrazine

Concen: 42.166 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

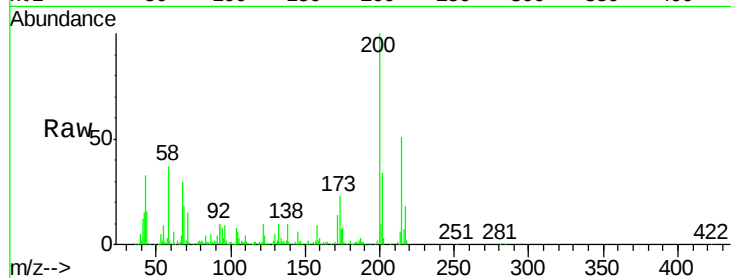
Tot Ion:200 Resp: 143179

Ion Ratio Lower Upper

200 100

173 22.9 2.8 42.8

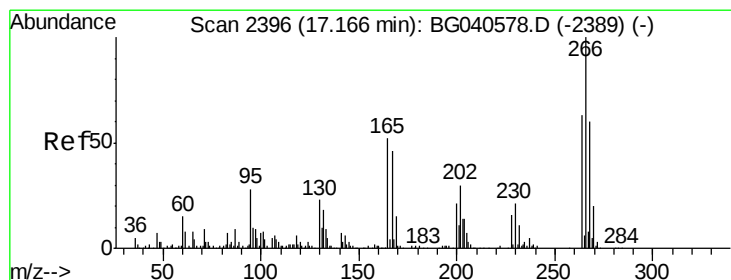
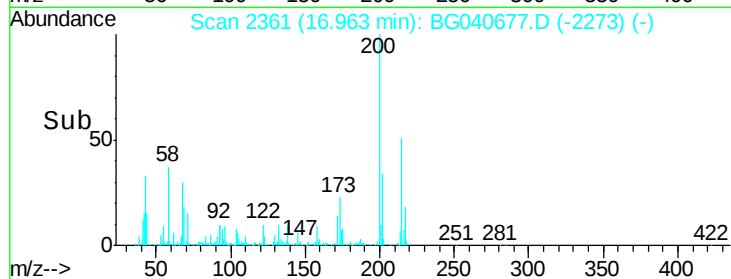
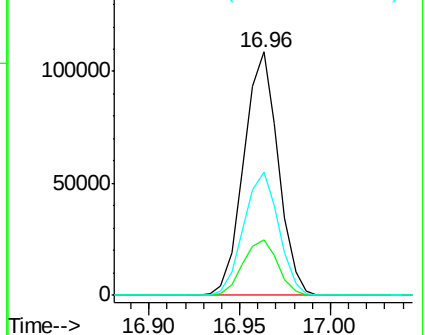
215 50.6 30.2 70.2



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: 86.448 ng

RT: 17.16 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

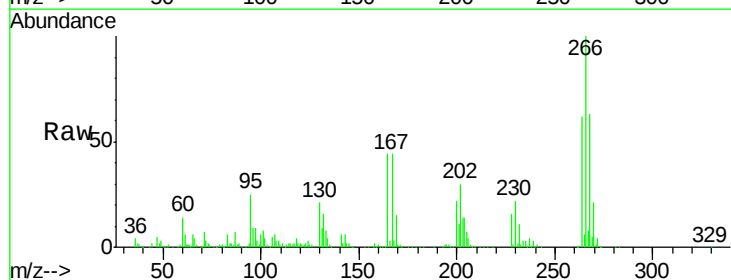
Tgt Ion:266 Resp: 189835

Ion Ratio Lower Upper

266 100

268 63.2 52.3 78.5

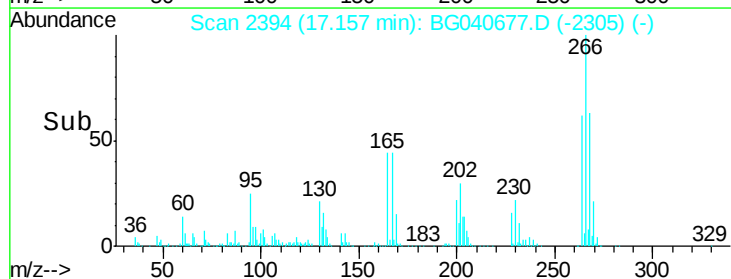
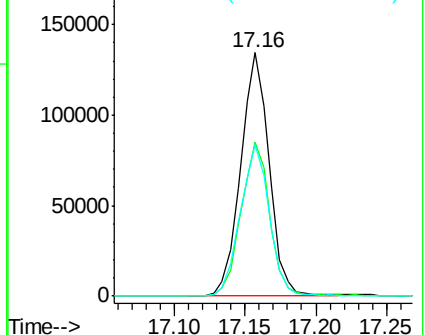
264 62.3 50.0 75.0

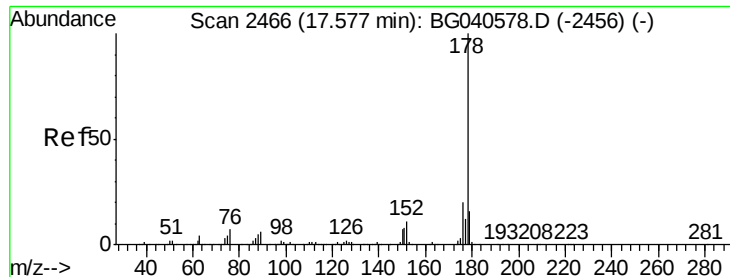


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

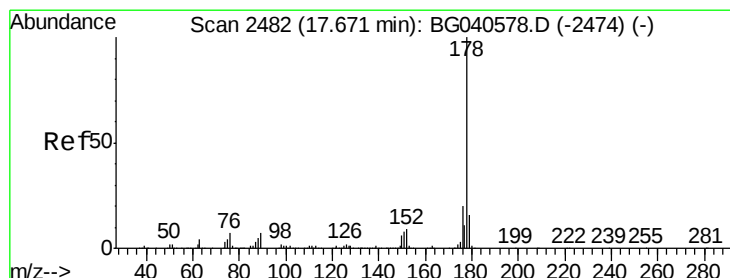
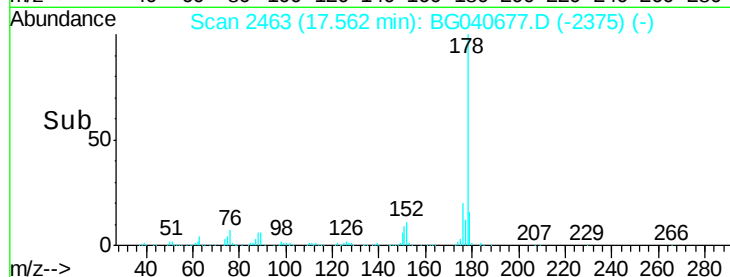
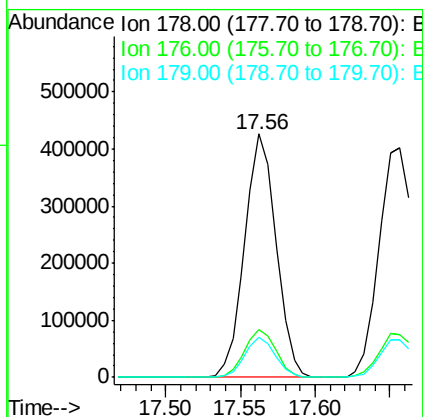
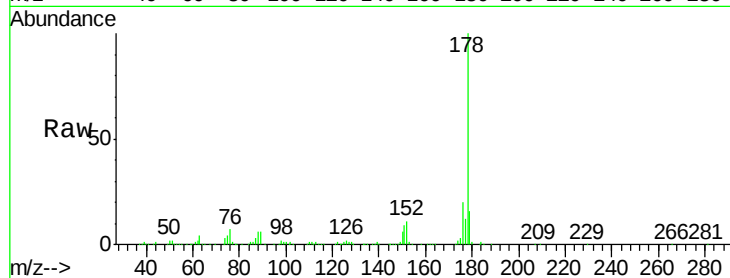




#71
Phenanthrene
Concen: 39.548 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

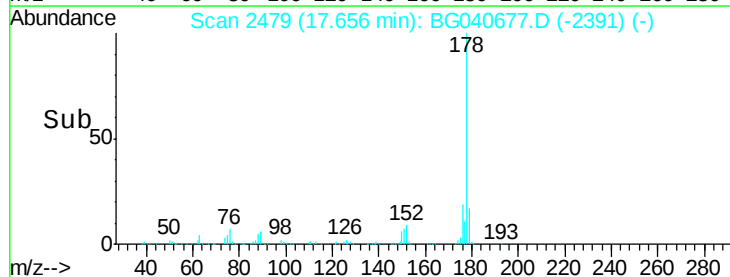
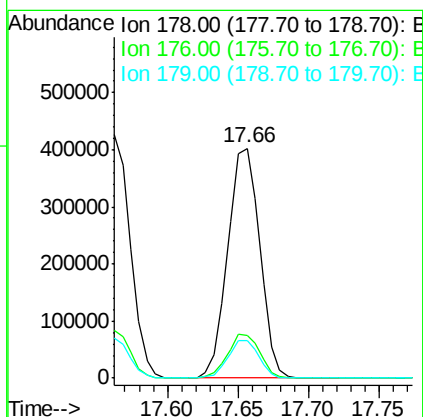
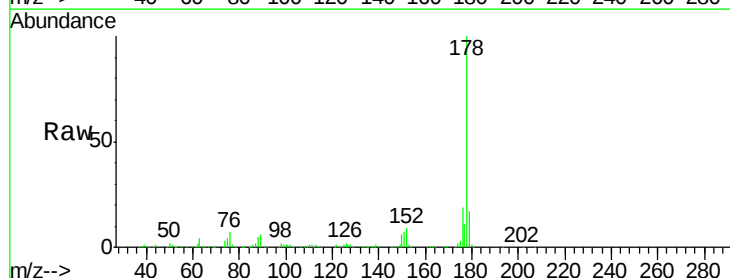
Instrument :
BNA_G
ClientSampleId :
PB119042BS

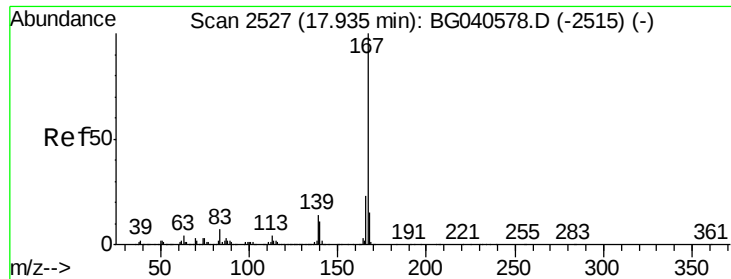
Tot Ion:178 Resp: 620523
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.5 12.6 18.8



#72
Anthracene
Concen: 40.379 ng
RT: 17.66 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion:178 Resp: 636840
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 16.6 12.9 19.3

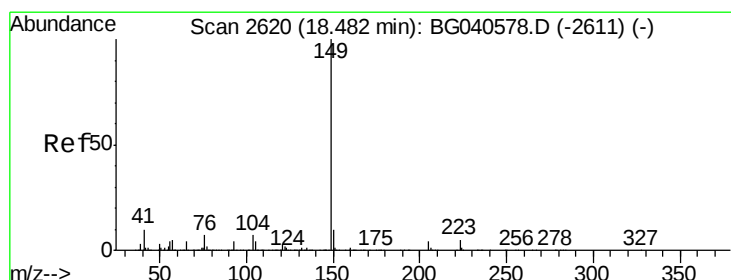
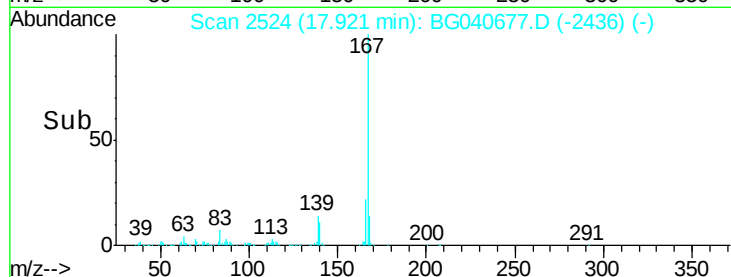
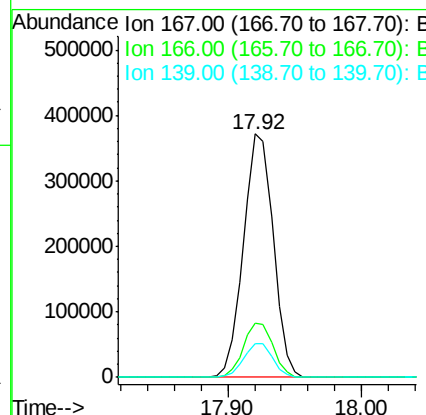
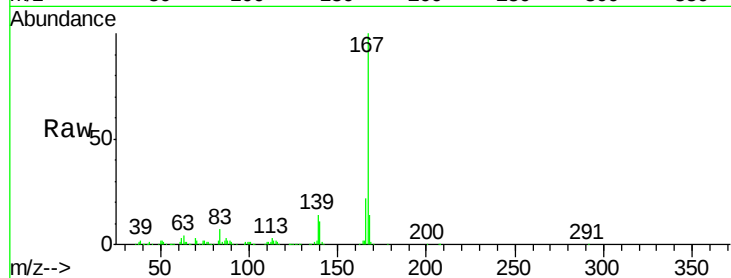




#73
 Carbazole
 Concen: 39.860 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

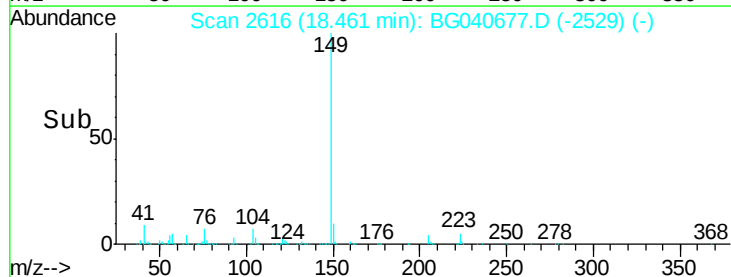
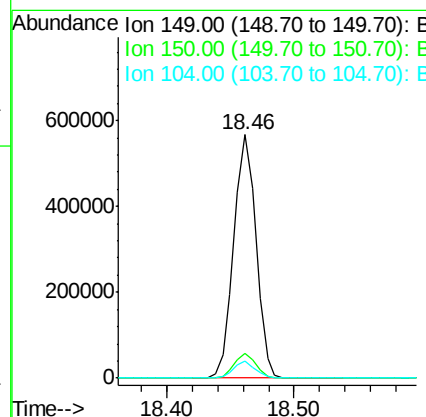
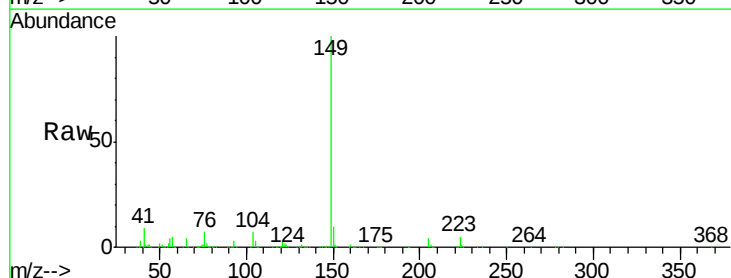
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 39.589 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040677.D
 Acq: 30 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.9	5.4	8.2





#75

Fluoranthene

Concen: 42.873 ng

RT: 19.57 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

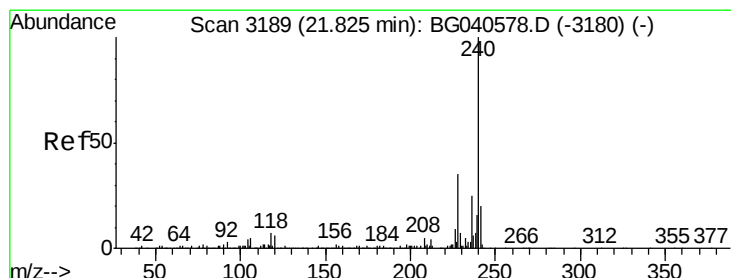
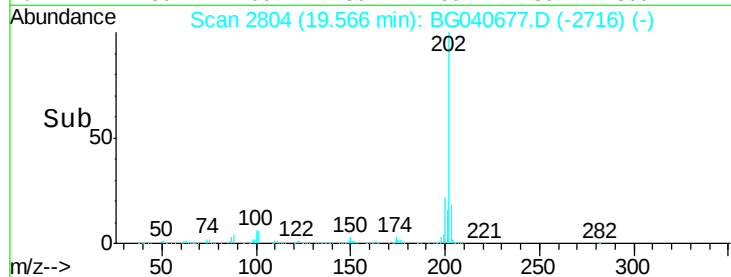
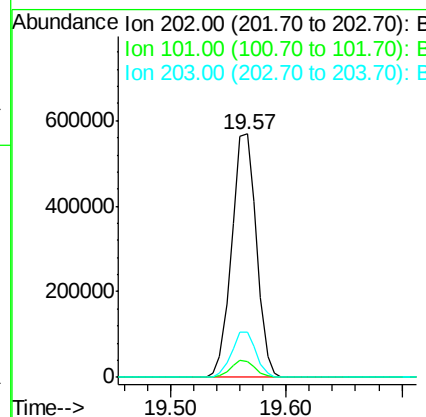
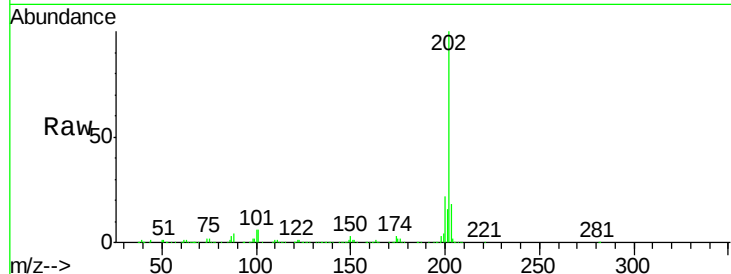
Instrument :

BNA_G

ClientSampleId :

PB119042BS

Tot Ion:	202	Resp:	838290
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	27.5
203	18.5	0.0	39.3



#76

Chrysene-d12

Concen: 20.000 ng

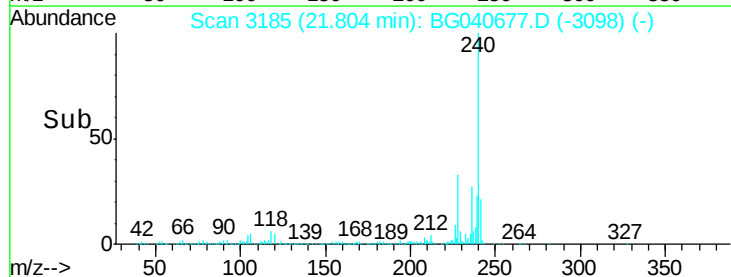
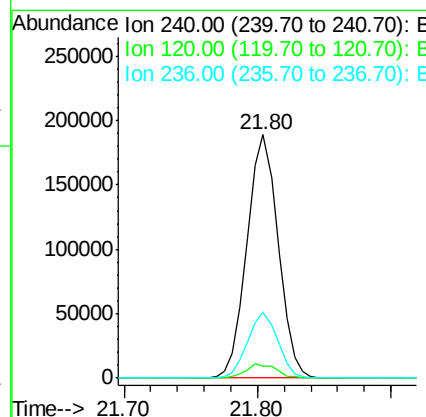
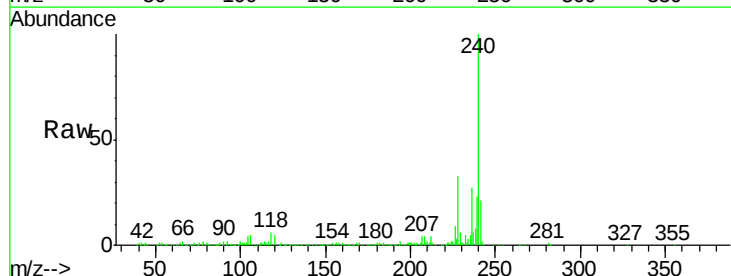
RT: 21.80 min Scan# 3185

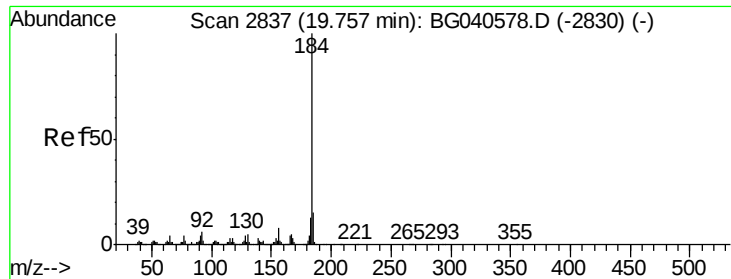
Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Tgt Ion:	240	Resp:	304747
Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.0	7.6#
236	27.2	20.3	30.5





#77

Benzidine

Concen: 36.300 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

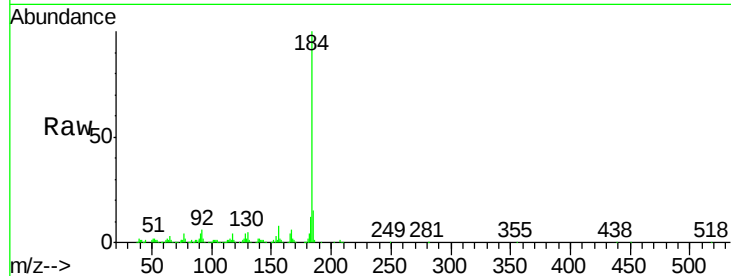
Tot Ion:184 Resp: 302894

Ion Ratio Lower Upper

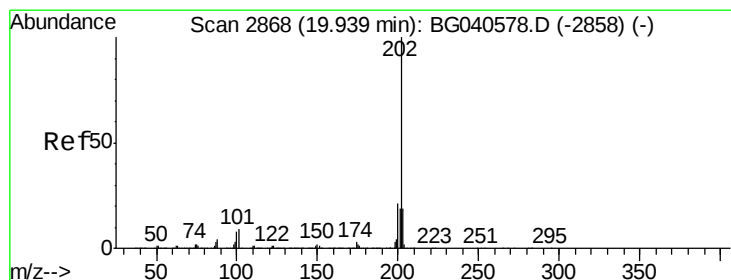
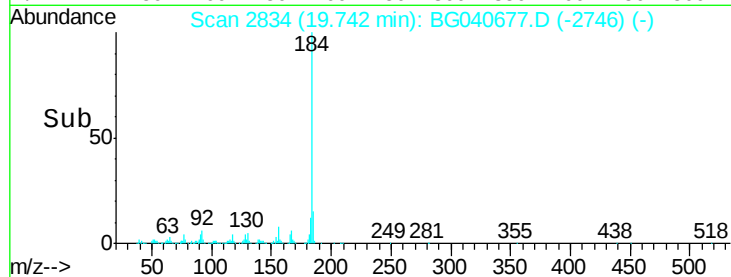
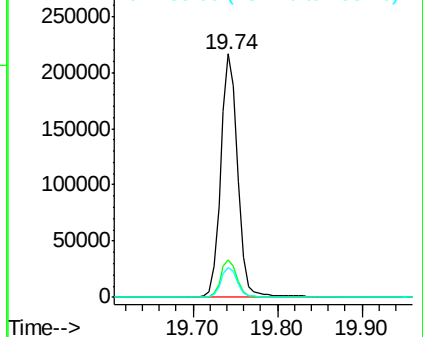
184 100

185 15.4 11.8 17.8

183 12.4 10.2 15.2



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



#78

Pyrene

Concen: 44.047 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

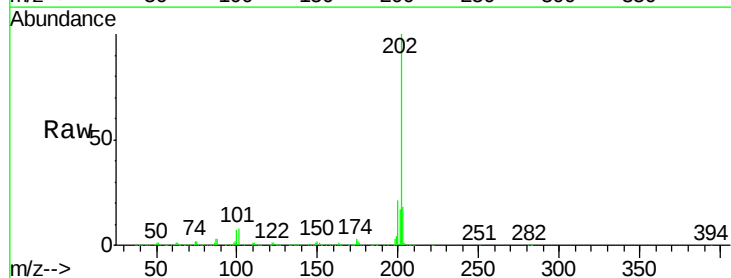
Tgt Ion:202 Resp: 841302

Ion Ratio Lower Upper

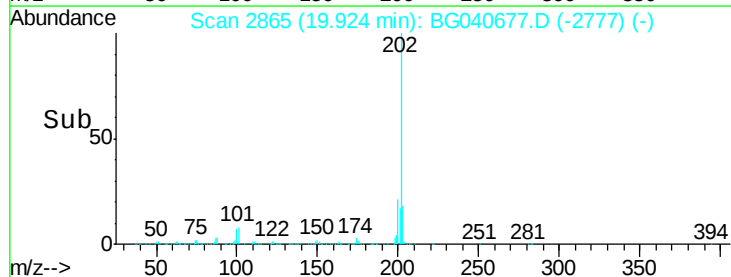
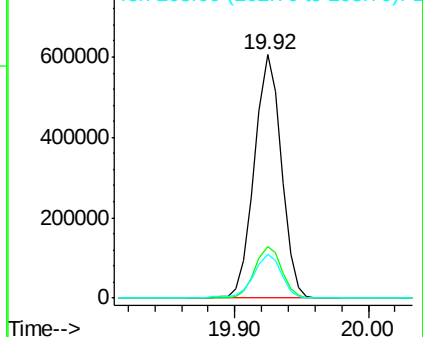
202 100

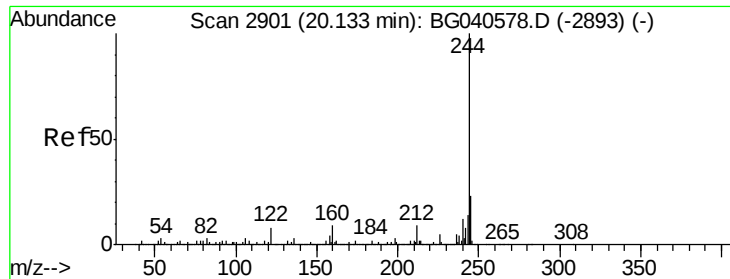
200 21.2 17.2 25.8

203 17.9 15.0 22.4



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: 89.332 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

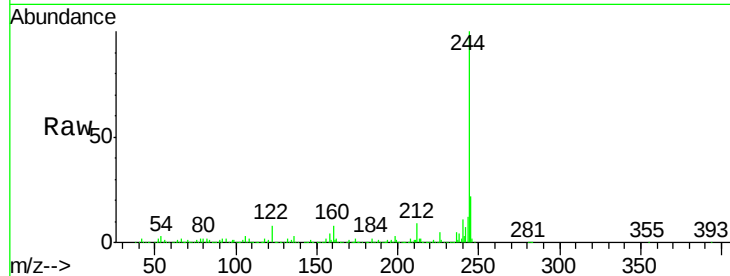
Tot Ion:244 Resp: 1228820

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	7.8	6.6	10.0

244 100

212 8.7 7.2 10.8

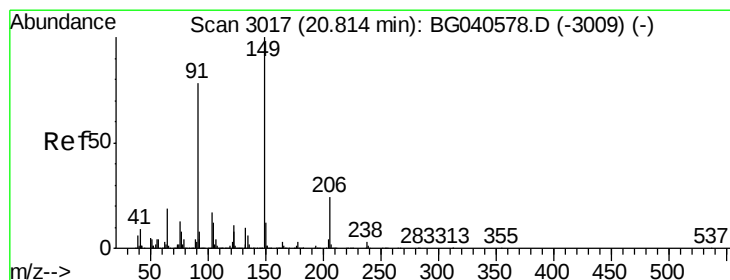
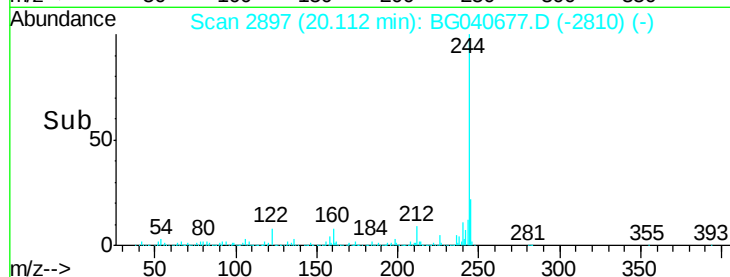
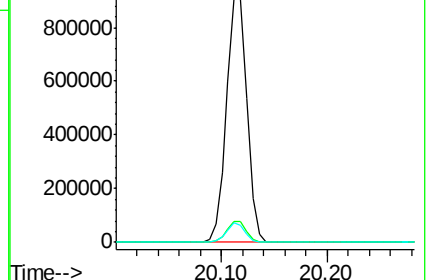
122 7.8 6.6 10.0



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: 42.358 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

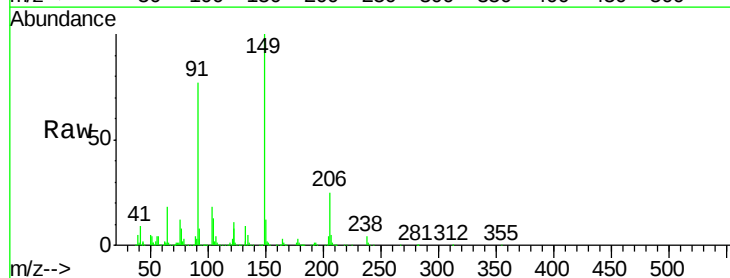
Tgt Ion:149 Resp: 315326

Ion	Ratio	Lower	Upper
149	100		
91	76.8	62.6	93.8
206	24.9	19.4	29.2

149 100

91 76.8 62.6 93.8

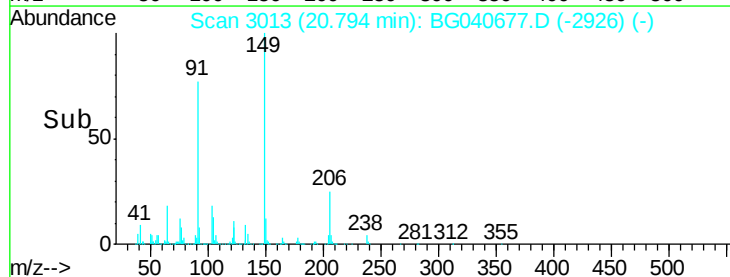
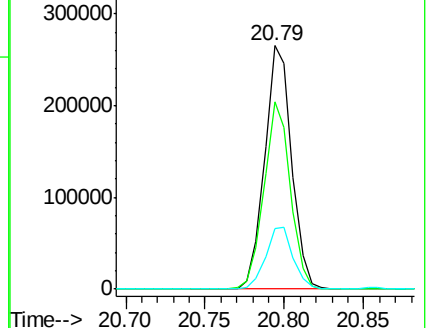
206 24.9 19.4 29.2

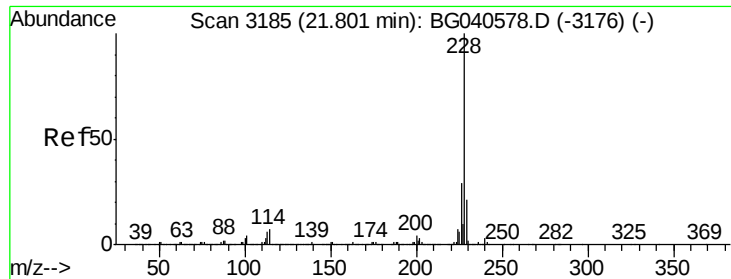


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

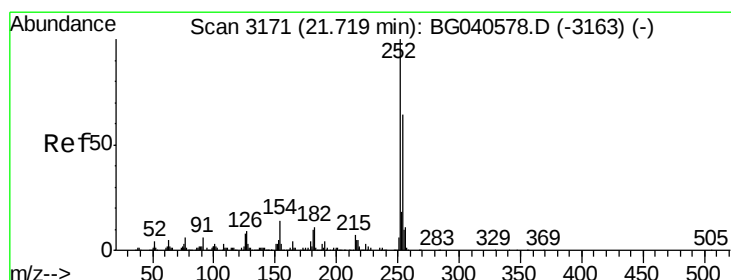
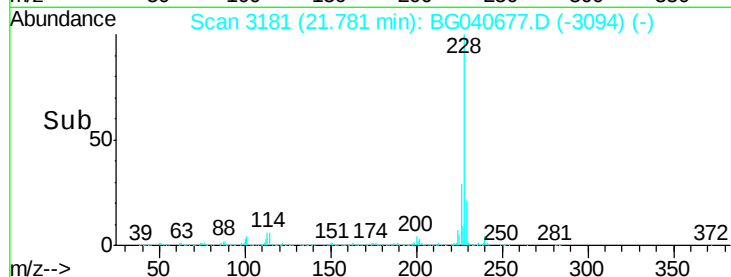
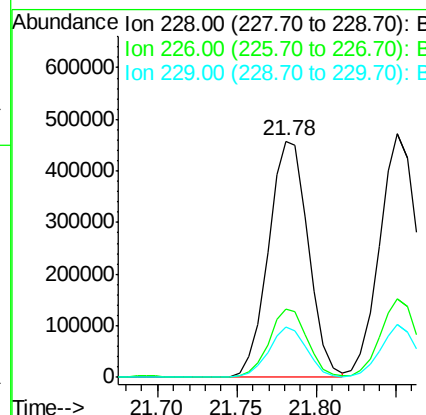
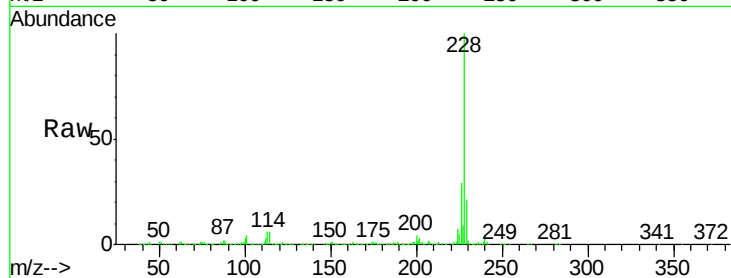




#81
Benzo(a)anthracene
Concen: 41.400 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

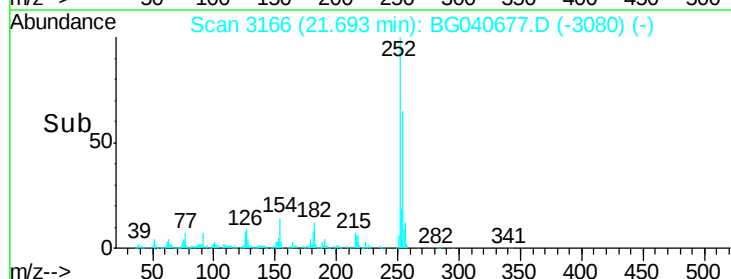
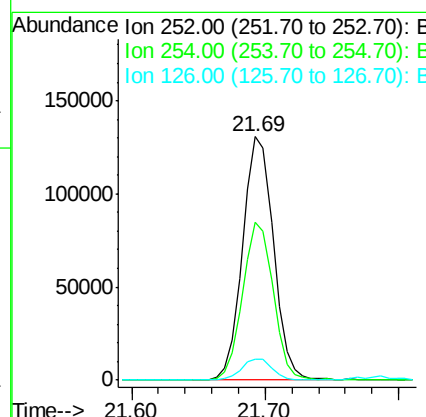
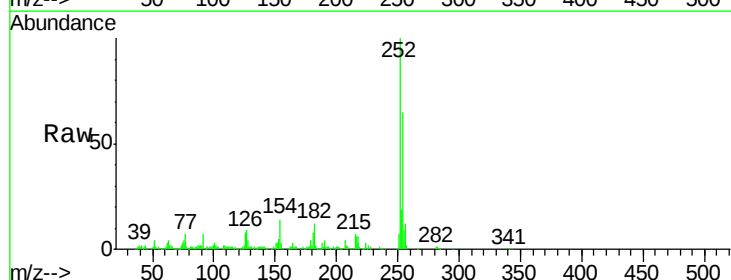
Instrument :
BNA_G
ClientSampleId :
PB119042BS

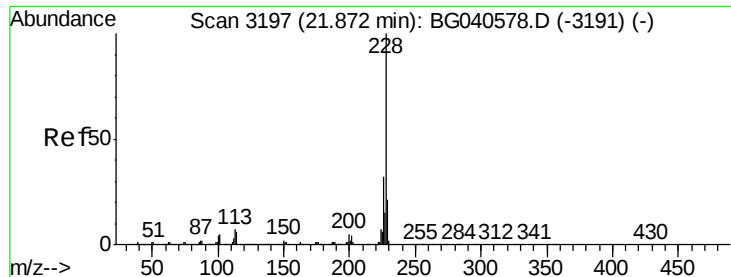
Tot Ion:228 Resp: 797371
Ion Ratio Lower Upper
228 100
226 28.7 23.1 34.7
229 21.2 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 30.466 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion:252 Resp: 209144
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 8.4 6.6 10.0





#83

Chrysene

Concen: 42.639 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

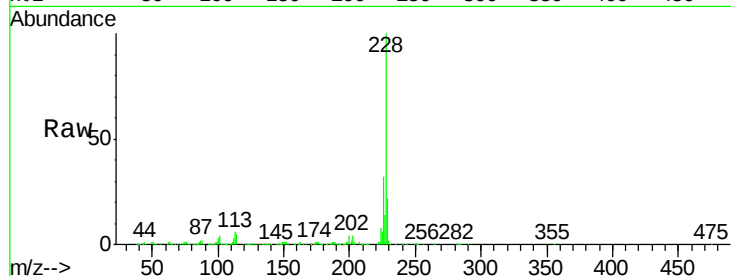
Tot Ion:228 Resp: 781029

Ion Ratio Lower Upper

228 100

226 32.2 25.5 38.3

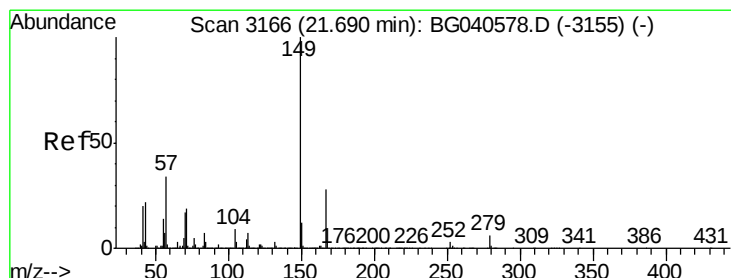
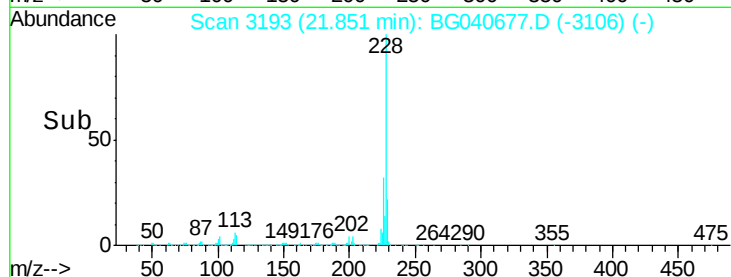
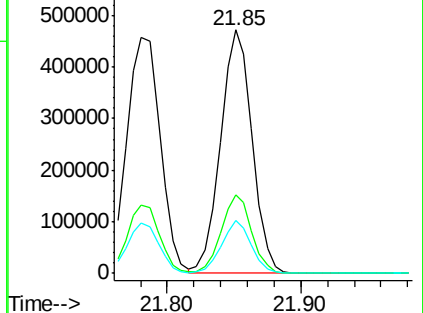
229 21.7 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.243 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

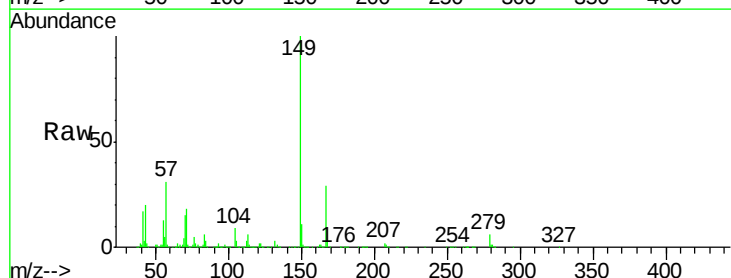
Tgt Ion:149 Resp: 432457

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

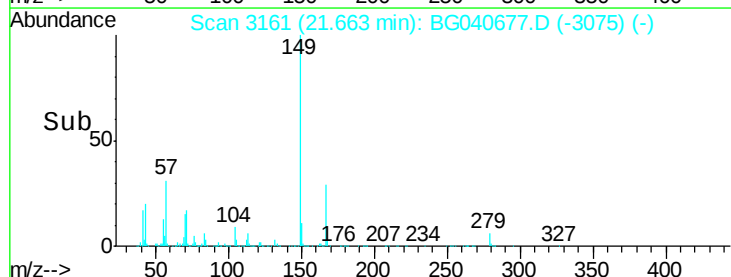
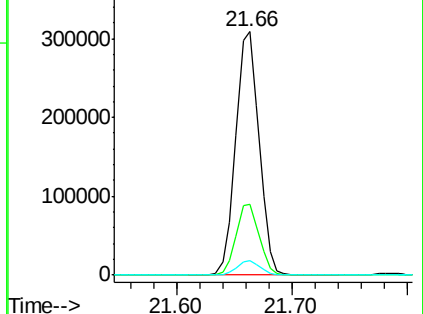
279 5.9 4.6 6.8

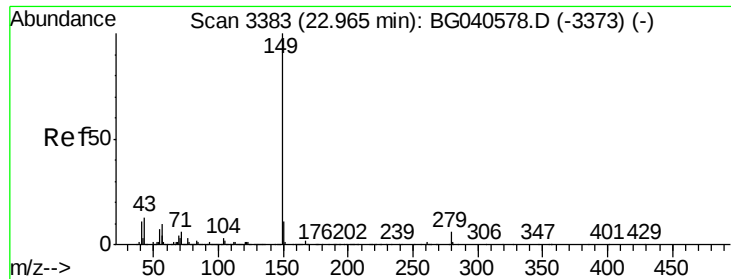


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.440 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.04 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

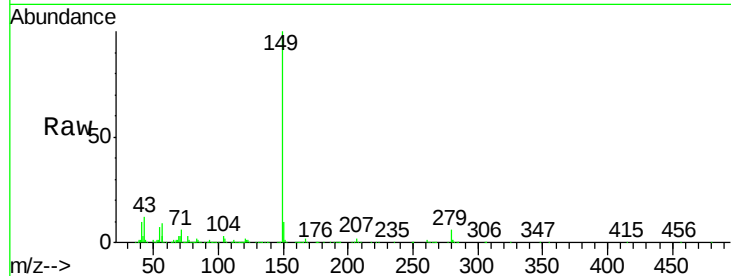
Tot Ion:149 Resp: 731872

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

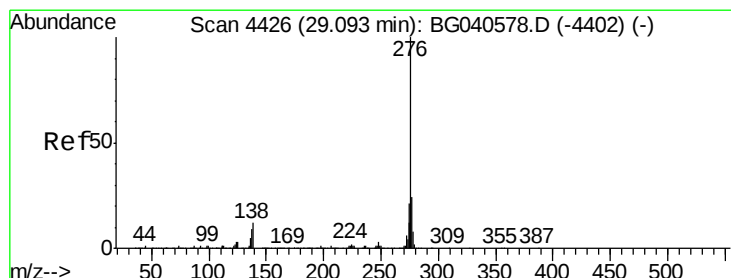
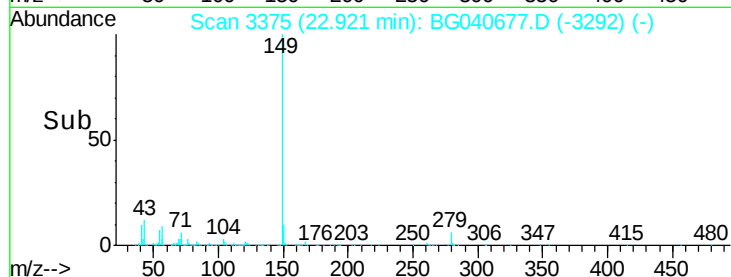
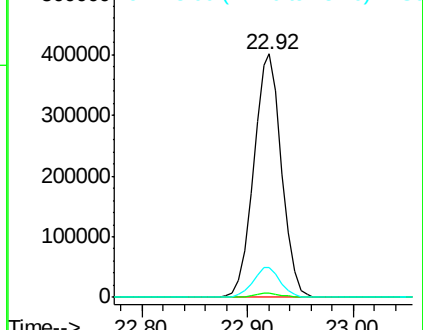
43 12.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.760 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

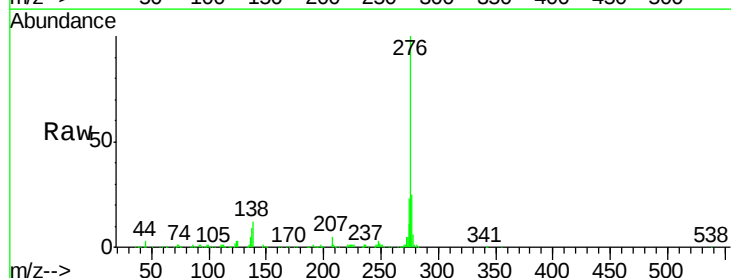
Tgt Ion:276 Resp: 902680

Ion Ratio Lower Upper

276 100

138 8.3 9.8 14.6#

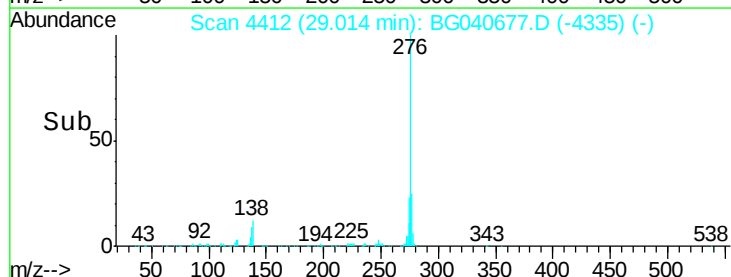
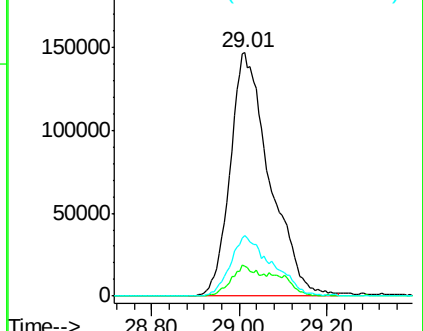
277 26.2 17.3 25.9#

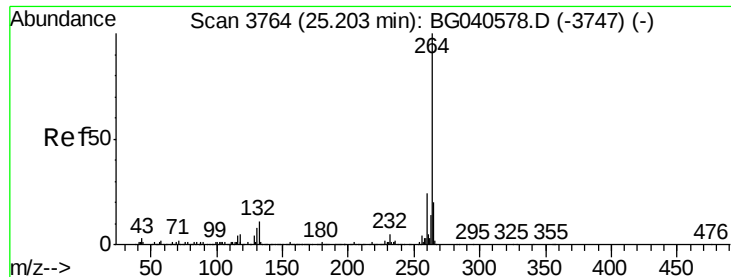


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.04 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

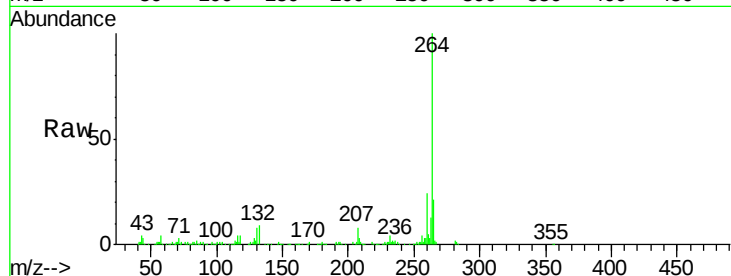
Tot Ion:264 Resp: 290074

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

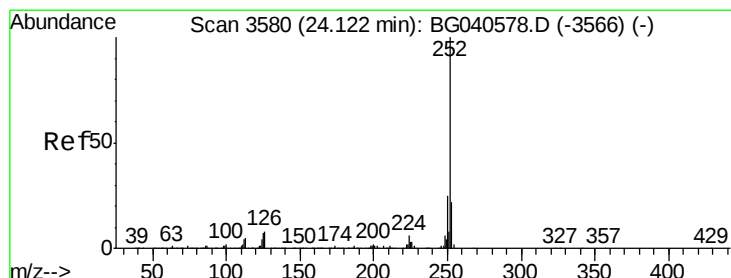
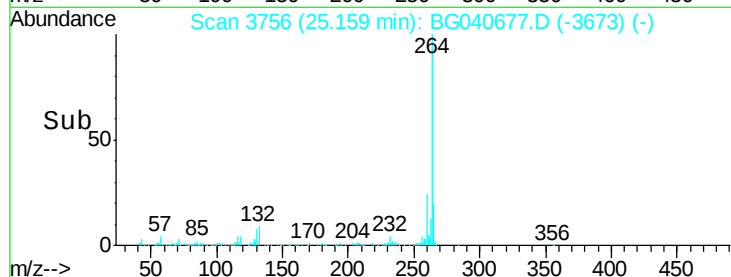
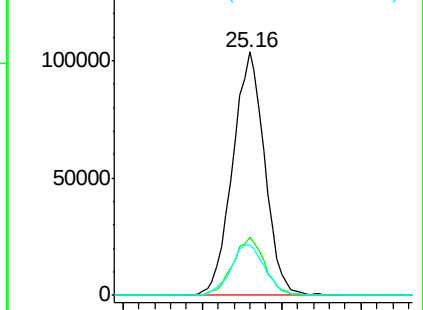
265 20.7 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.115 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.04 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

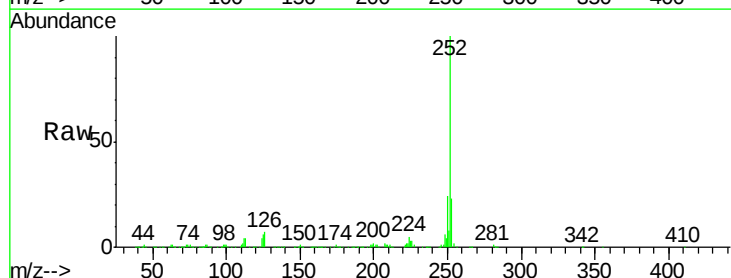
Tgt Ion:252 Resp: 799709

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

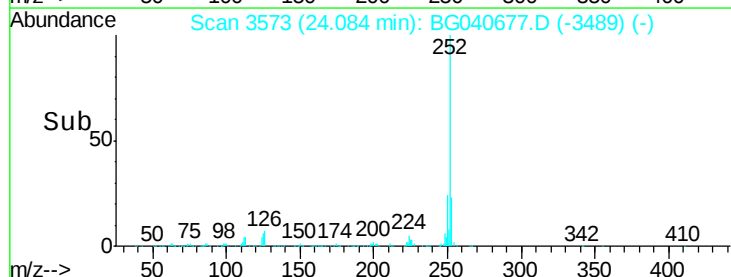
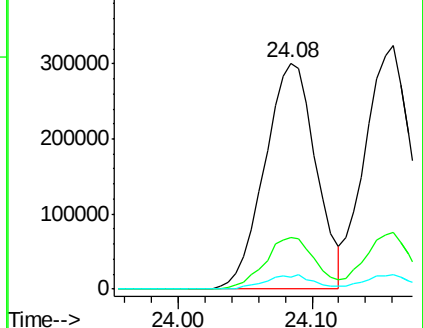
125 5.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

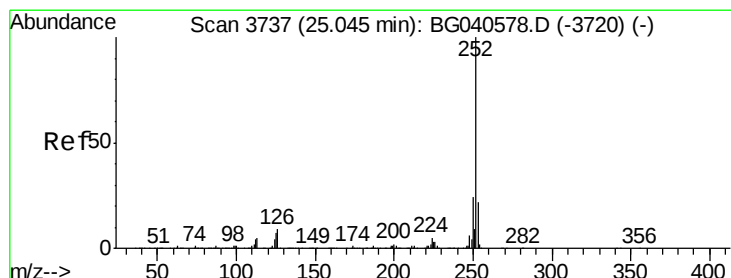
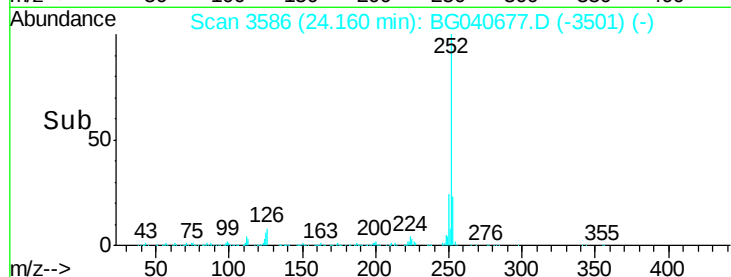
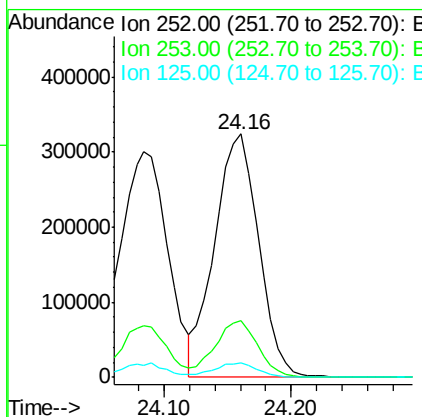
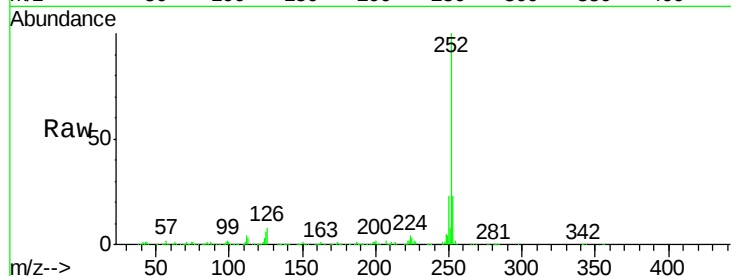




#89
Benzo(k)fluoranthene
Concen: 46.985 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

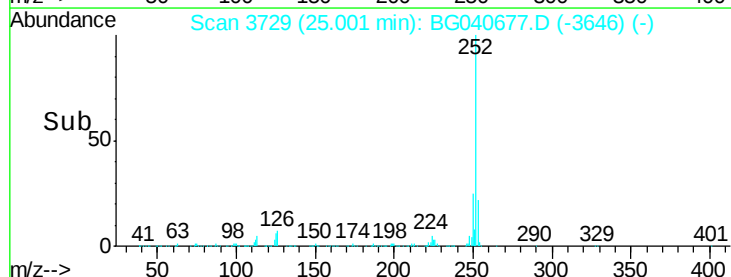
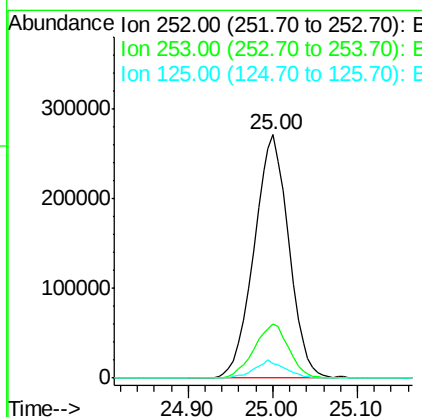
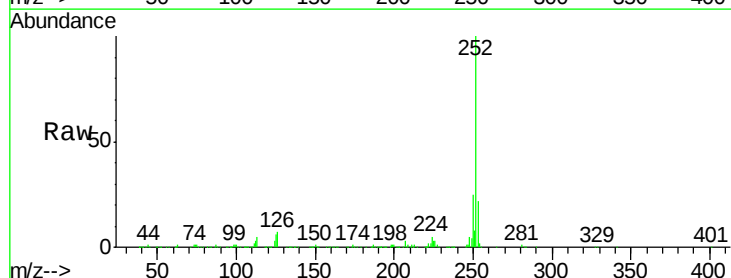
Instrument :
BNA_G
ClientSampleId :
PB119042BS

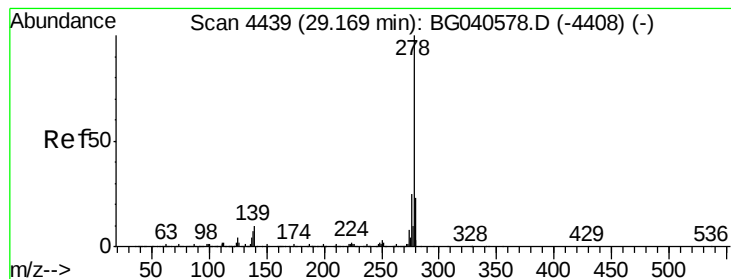
Tot Ion:252 Resp: 777797
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 5.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 46.205 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.04 min
Lab File: BG040677.D
Acq: 30 Apr 2019 18:26

Tgt Ion:252 Resp: 775282
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 6.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 43.606 ng

RT: 29.08 min Scan# 4424

Delta R.T. -0.09 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Instrument :

BNA_G

ClientSampleId :

PB119042BS

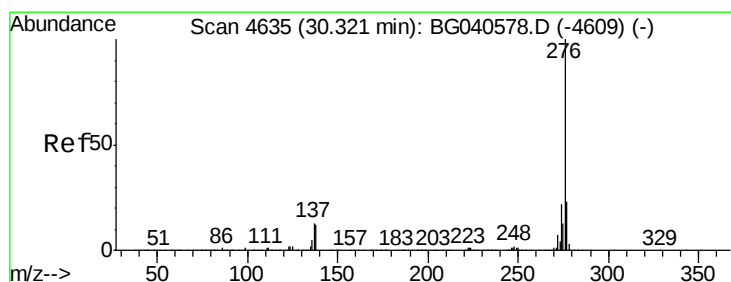
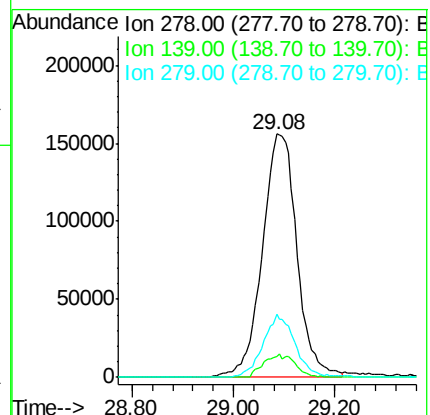
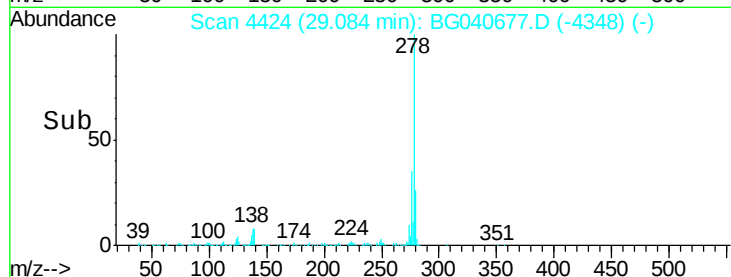
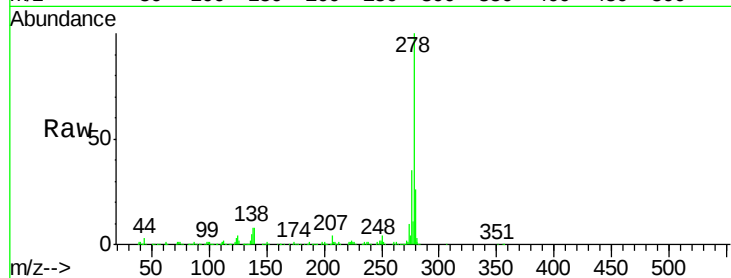
Tot Ion:278 Resp: 740430

Ion Ratio Lower Upper

278 100

139 8.3 8.2 12.4

279 25.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 44.111 ng

RT: 30.24 min Scan# 4620

Delta R.T. -0.09 min

Lab File: BG040677.D

Acq: 30 Apr 2019 18:26

Tgt Ion:276 Resp: 745435

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 12.2 9.8 14.6

