

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040622.D
 Acq On : 26 Apr 2019 10:33
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 27 02:00:57 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	8.16	152	45532	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	208782	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	153328	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	400532	20.00	ng	0.00
76) Chrysene-d12	21.82	240	386247	20.00	ng	0.00
87) Perylene-d12	25.19	264	409608	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	214109	82.89	ng	0.00
7) Phenol-d6	7.29	99	338827	85.20	ng	0.00
23) Nitrobenzene-d5	9.33	82	397315	87.93	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	180747	85.76	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	842717	79.38	ng	0.00
79) Terphenyl-d14	20.13	244	1554747	89.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	48356	41.165	ng	95
3) Pyridine	3.96	79	146366	42.987	ng	97
4) n-Nitrosodimethylamine	3.88	42	83354	44.136	ng	95
6) Aniline	7.48	93	222153	42.143	ng	98
8) 2-Chlorophenol	7.71	128	128103	40.617	ng	92
9) Benzaldehyde	7.29	77	108980	48.323	ng	91
10) Phenol	7.32	94	180185	42.147	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	130292	40.642	ng	93
12) 1,3-Dichlorobenzene	8.04	146	141376	41.068	ng	98
13) 1,4-Dichlorobenzene	8.19	146	144207	41.323	ng	98
14) 1,2-Dichlorobenzene	8.51	146	136824	40.655	ng	94
15) Benzyl Alcohol	8.39	79	172896	41.781	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	266666	41.780	ng	99
17) 2-Methylphenol	8.58	107	123417	40.793	ng	90
18) Hexachloroethane	9.25	117	54597	38.139	ng	91
19) n-Nitroso-di-n-propylamine	8.96	70	149550	41.773	ng	99
20) 3+4-Methylphenols	8.92	107	175615	41.667	ng	99
22) Acetophenone	8.99	105	236312	40.703	ng	# 98
24) Nitrobenzene	9.38	77	209116	43.376	ng	98
25) Isophorone	9.90	82	410699	40.805	ng	99
26) 2-Nitrophenol	10.09	139	79951	46.265	ng	92
27) 2,4-Dimethylphenol	10.13	122	131638	40.599	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	201149	39.833	ng	98
29) 2,4-Dichlorophenol	10.61	162	150925	40.943	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	164049	40.132	ng	99
31) Naphthalene	11.04	128	448263	40.413	ng	100
32) Benzoic acid	10.26	122	111330	50.156	ng	92
33) 4-Chloroaniline	11.14	127	198759	40.415	ng	98
34) Hexachlorobutadiene	11.30	225	121585	40.288	ng	99
35) Caprolactam	11.93	113	60191	41.359	ng	90
36) 4-Chloro-3-methylphenol	12.24	107	197107	42.387	ng	97
37) 2-Methylnaphthalene	12.62	142	341049	41.124	ng	98
38) 1-Methylnaphthalene	12.84	142	333176	41.102	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	227966	39.911	ng	99

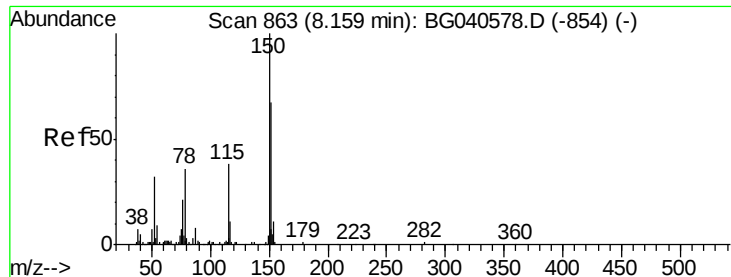
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040622.D
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	123996	36.789	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	140886	40.816	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	154355	41.050	ng	98
46) 1,1'-Biphenyl	13.62	154	464507	39.019	ng	95
47) 2-Chloronaphthalene	13.67	162	363882	39.058	ng	99
48) 2-Nitroaniline	13.88	65	158874	47.907	ng	99
49) Acenaphthylene	14.52	152	631706	39.965	ng	100
50) Dimethylphthalate	14.24	163	521698	40.667	ng	98
51) 2,6-Dinitrotoluene	14.36	165	113101	45.172	ng	92
52) Acenaphthene	14.85	154	361197	39.239	ng	96
53) 3-Nitroaniline	14.69	138	118084	46.030	ng	96
54) 2,4-Dinitrophenol	14.89	184	74995	55.467	ng	# 86
55) Dibenzofuran	15.19	168	601678	39.907	ng	100
56) 4-Nitrophenol	14.97	139	96401	43.337	ng	94
57) 2,4-Dinitrotoluene	15.14	165	164478	48.345	ng	97
58) Fluorene	15.83	166	491774	40.355	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	166127	43.895	ng	93
60) Diethylphthalate	15.59	149	543518	40.156	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	289945	40.909	ng	97
62) 4-Nitroaniline	15.86	138	128141	44.653	ng	96
63) Azobenzene	16.11	77	570262	40.910	ng	100
65) 4,6-Dinitro-2-methylphenol	15.90	198	82755	42.830	ng	99
66) n-Nitrosodiphenylamine	16.03	169	442350	37.538	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	191040	38.284	ng	98
68) Hexachlorobenzene	16.82	284	196477	38.079	ng	98
69) Atrazine	16.98	200	179894	38.531	ng	99
70) Pentachlorophenol	17.17	266	126162	41.785	ng	97
71) Phenanthrene	17.58	178	836015	38.752	ng	99
72) Anthracene	17.66	178	835641	38.535	ng	99
73) Carbazole	17.93	167	766872	38.815	ng	99
74) Di-n-butylphthalate	18.48	149	919655	38.566	ng	99
75) Fluoranthene	19.57	202	1071572	39.859	ng	99
77) Benzidine	19.76	184	479884	45.376	ng	98
78) Pyrene	19.94	202	1073307	44.336	ng	97
80) Butylbenzylphthalate	20.81	149	413646	43.841	ng	98
81) Benzo(a)anthracene	21.80	228	1052706	43.124	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	376935	43.322	ng	99
83) Chrysene	21.87	228	1005092	43.294	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	572721	42.050	ng	98
85) Di-n-octyl phthalate	22.95	149	957708	41.753	ng	98
86) Indeno(1,2,3-cd)pyrene	29.07	276	1192248	42.476	ng	# 89
88) Benzo(b)fluoranthene	24.12	252	1020599	40.774	ng	99
89) Benzo(k)fluoranthene	24.19	252	963646	41.224	ng	99
90) Benzo(a)pyrene	25.04	252	967841	40.848	ng	98
91) Dibenzo(a,h)anthracene	29.15	278	950153	39.628	ng	97
92) Benzo(g,h,i)perylene	30.31	276	958071	40.149	ng	96

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

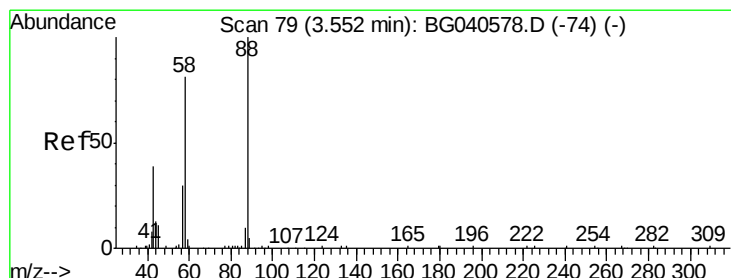
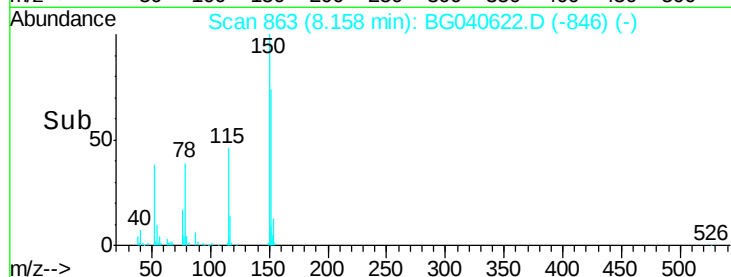
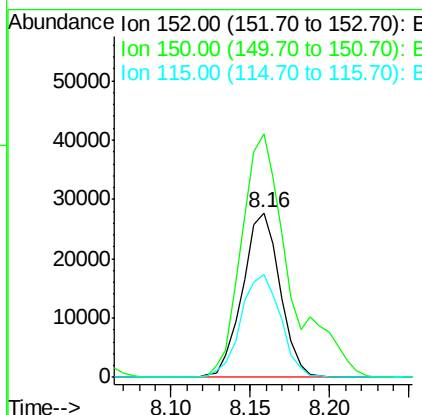
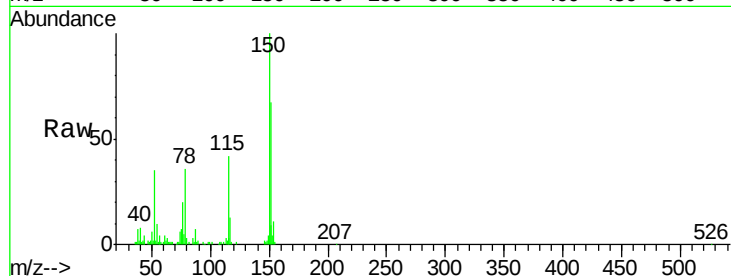


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Instrument :
BNA_G
ClientSampled :

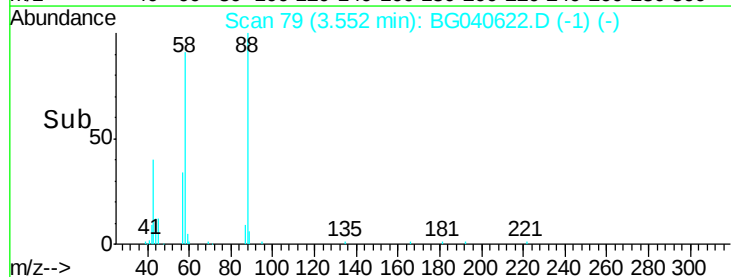
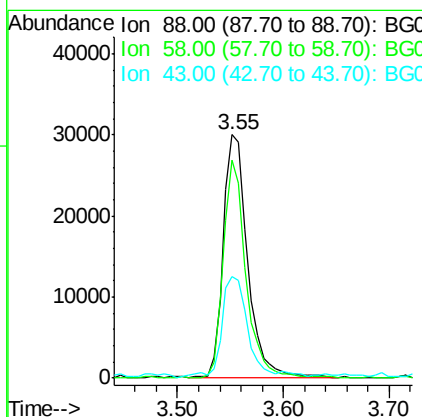
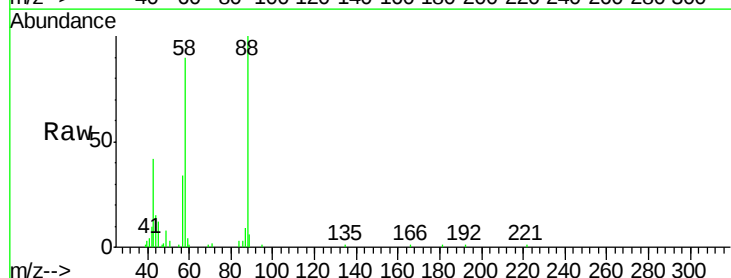
Tot Ion:152 Resp: 45532
Ion Ratio Lower Upper
152 100
150 148.2 120.2 180.2
115 62.6 46.2 69.2

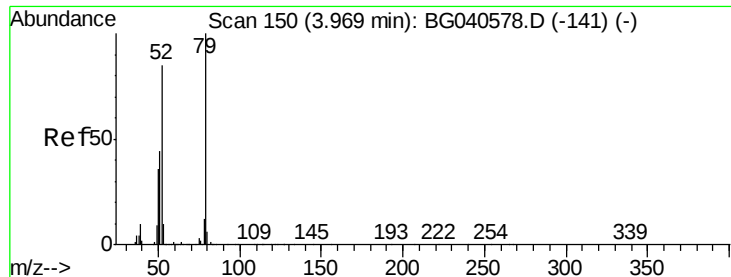


#2

1,4-Dioxane
Concen: 41.165 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion: 88 Resp: 48356
Ion Ratio Lower Upper
88 100
58 82.8 71.2 106.8
43 43.7 35.6 53.4





#3

Pvridine

Concen: 42.987 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

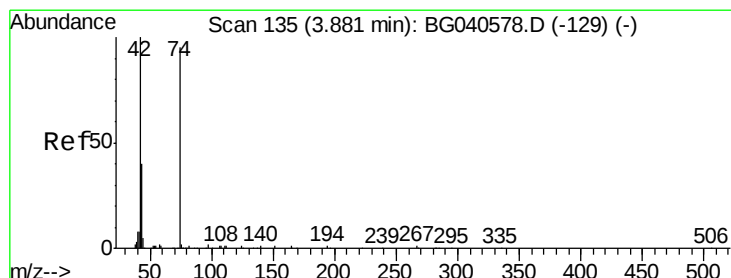
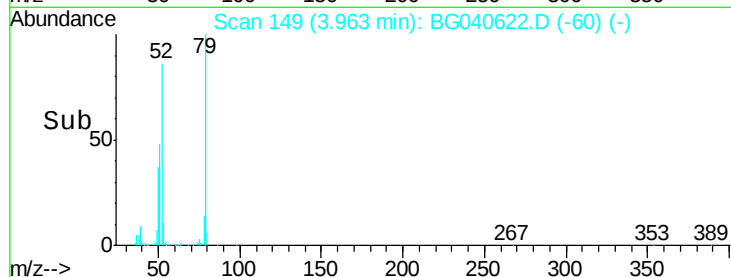
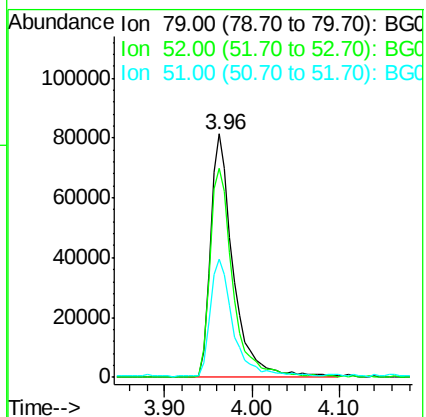
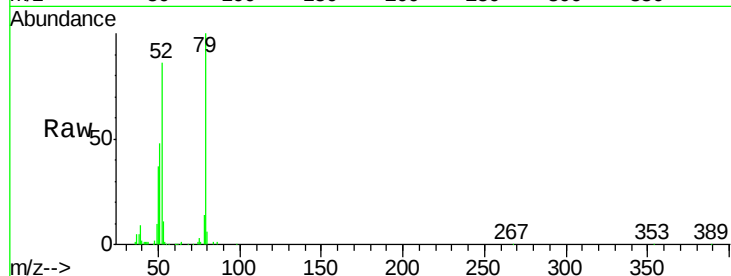
Tot Ion: 79 Resp: 146366

Ion Ratio Lower Upper

79 100

52 86.0 67.5 101.3

51 48.5 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 44.136 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

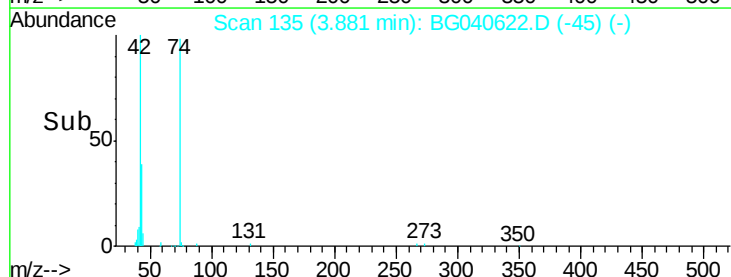
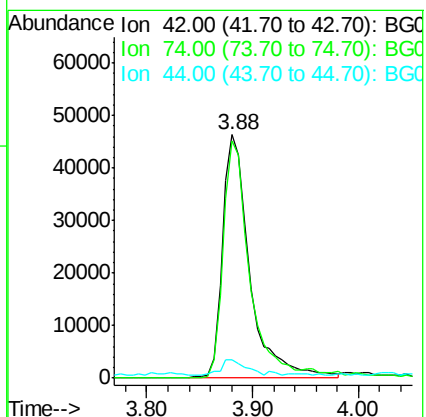
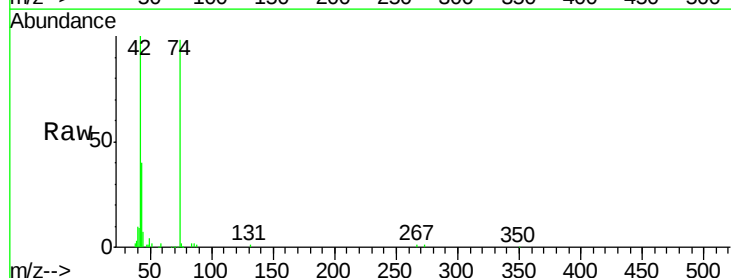
Tgt Ion: 42 Resp: 83354

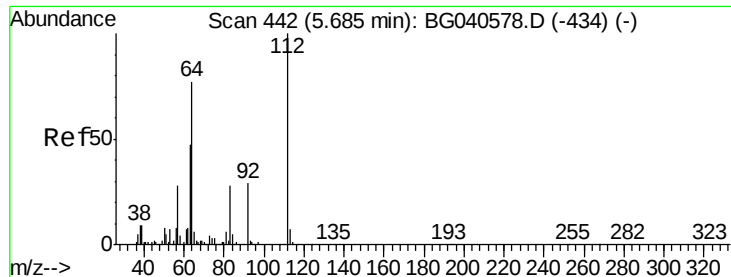
Ion Ratio Lower Upper

42 100

74 97.6 74.6 111.8

44 7.4 7.4 11.0





#5

2-Fluorophenol

Concen: 82.892 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

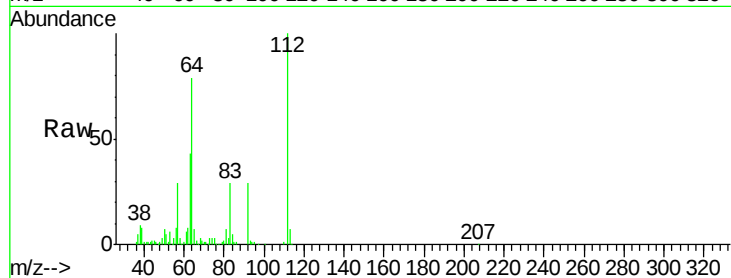
Tot Ion:112 Resp: 214109

Ion Ratio Lower Upper

112 100

64 79.2 61.4 92.0

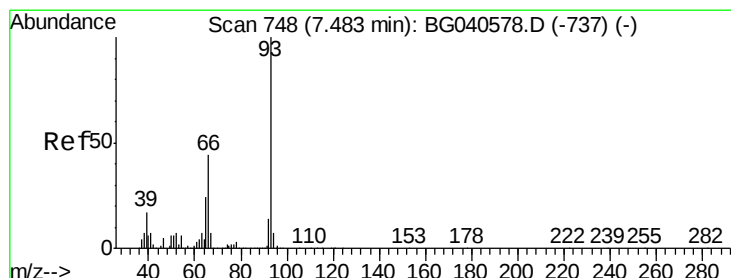
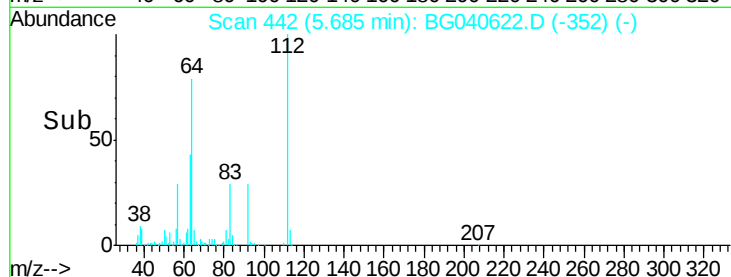
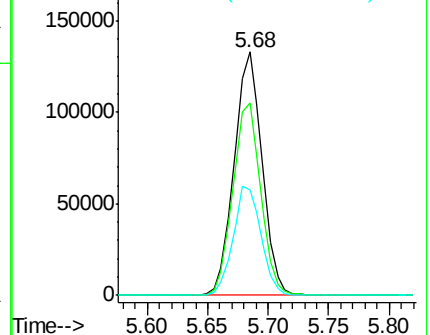
63 43.5 37.8 56.6



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: 42.143 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

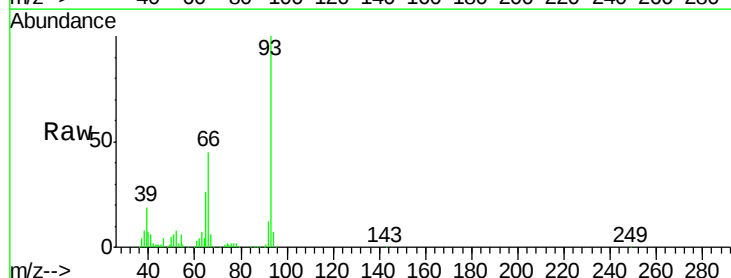
Tgt Ion: 93 Resp: 222153

Ion Ratio Lower Upper

93 100

66 44.7 35.5 53.3

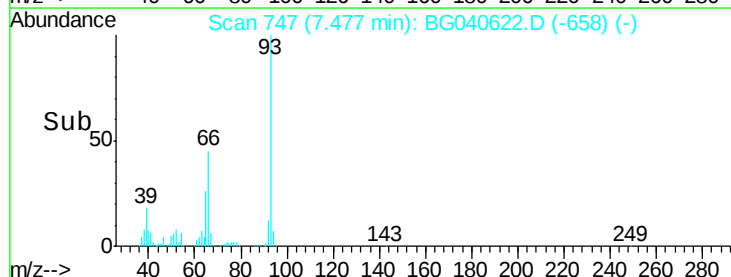
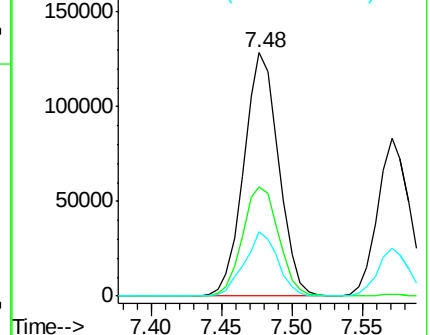
65 26.3 19.2 28.8

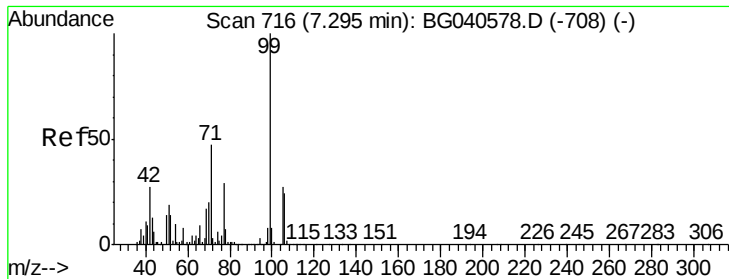


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.195 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

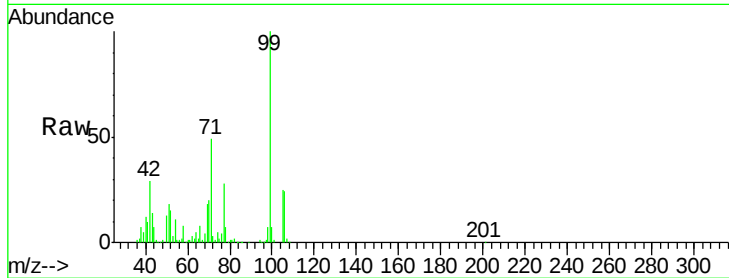
Tot Ion: 99 Resp: 338827

Ion Ratio Lower Upper

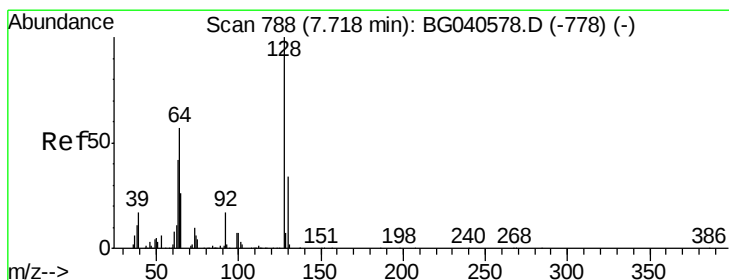
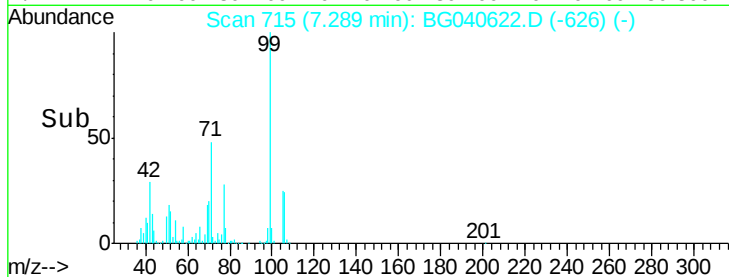
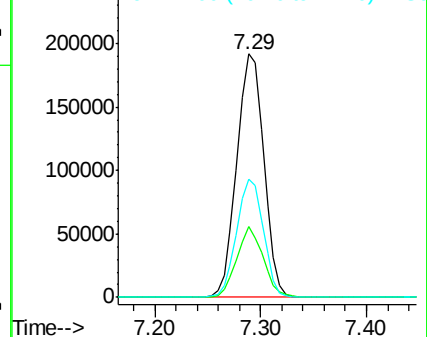
99 100

42 29.1 21.8 32.8

71 48.5 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: 40.617 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

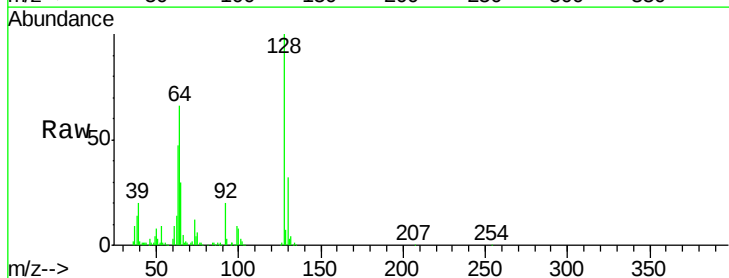
Tgt Ion: 128 Resp: 128103

Ion Ratio Lower Upper

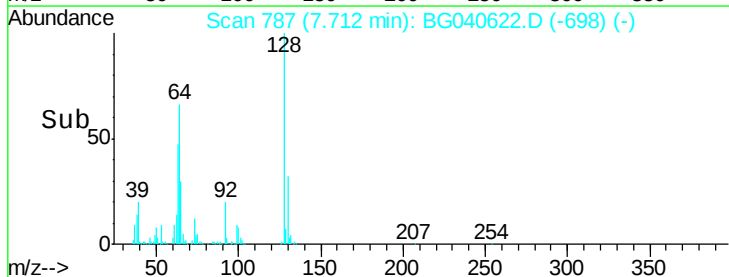
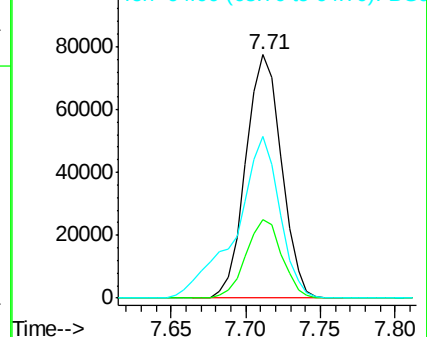
128 100

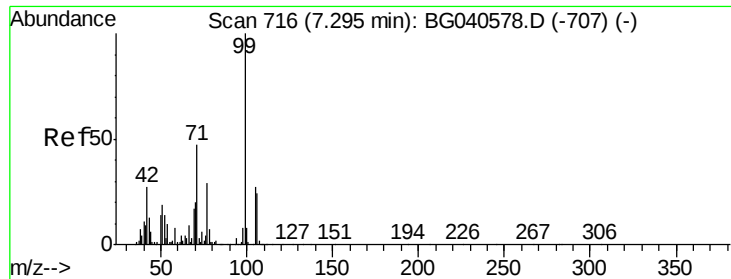
130 32.0 14.5 54.5

64 66.4 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: 48.323 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

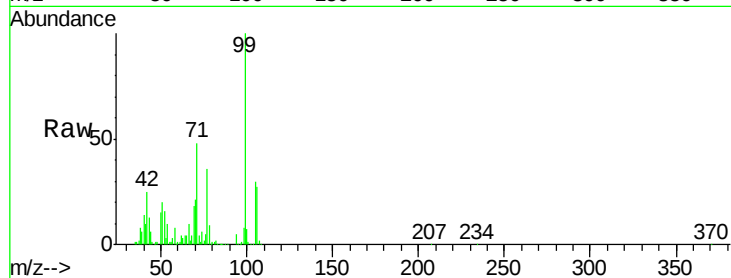
Tot Ion: 77 Resp: 108980

Ion Ratio Lower Upper

77 100

105 82.6 72.0 112.0

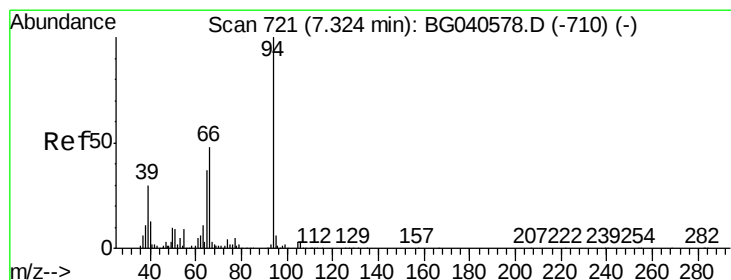
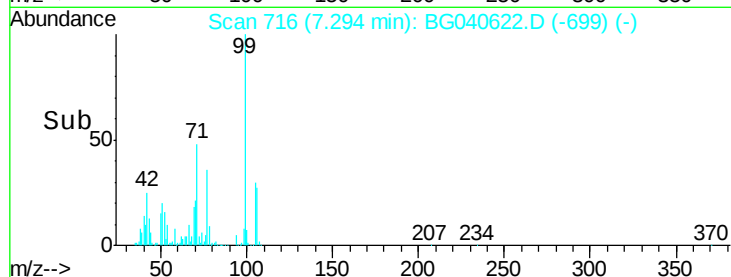
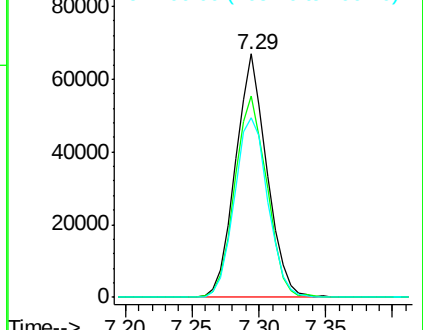
106 74.0 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.147 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

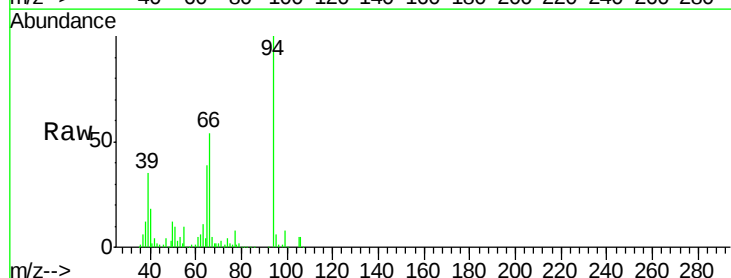
Tgt Ion: 94 Resp: 180185

Ion Ratio Lower Upper

94 100

65 39.4 17.0 57.0

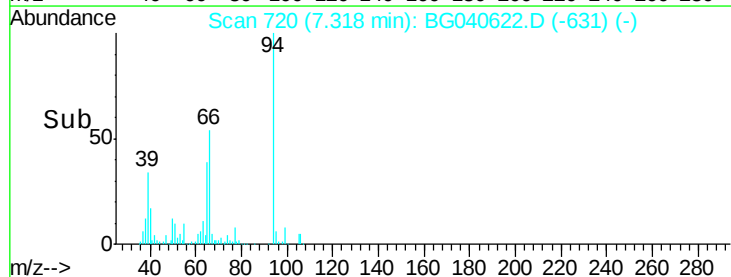
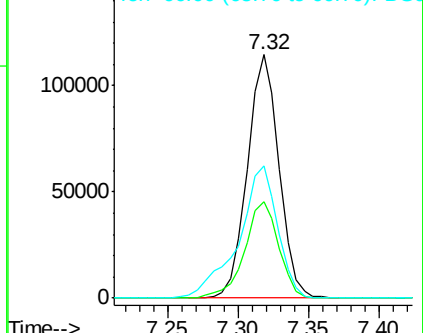
66 54.4 28.6 68.6

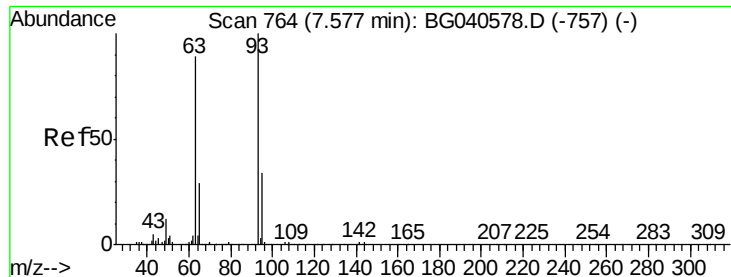


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

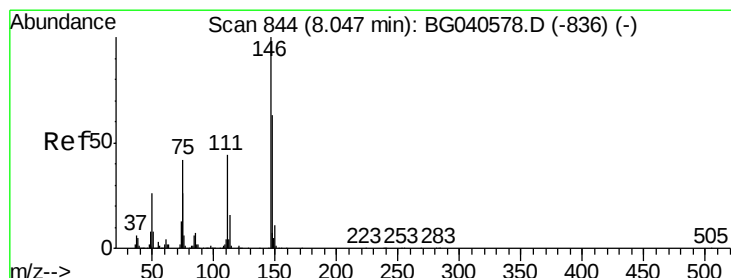
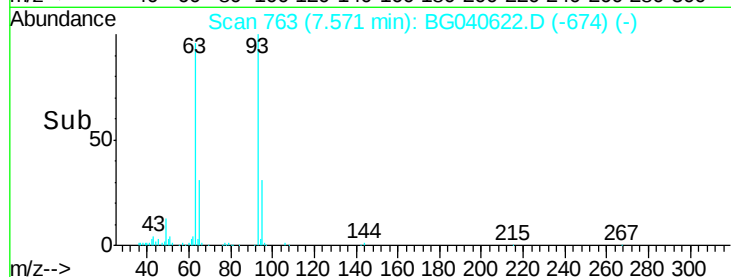
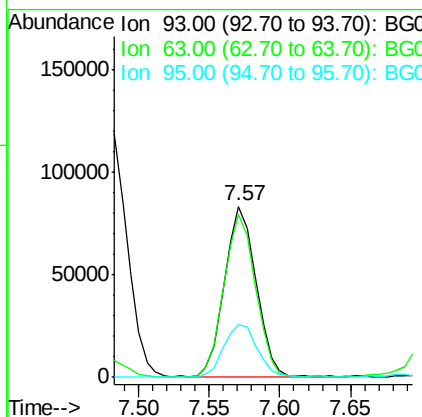
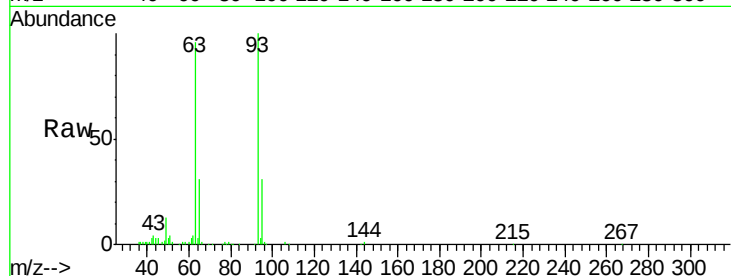




#11
bis(2-Chloroethyl)ether
Concen: 40.642 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

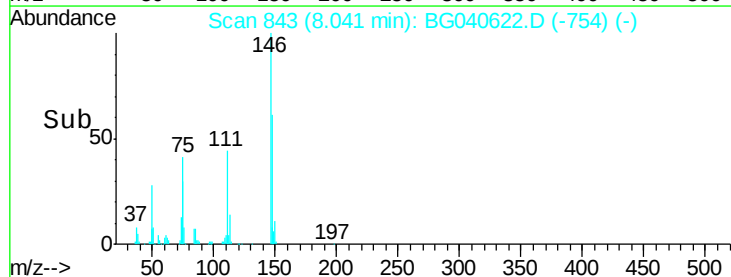
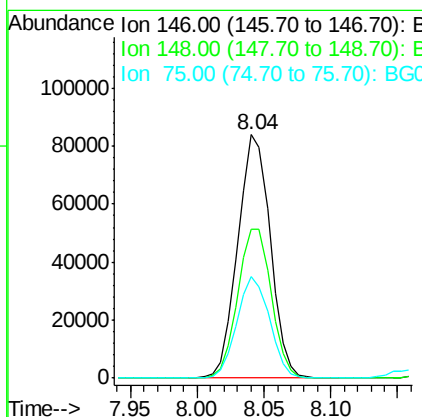
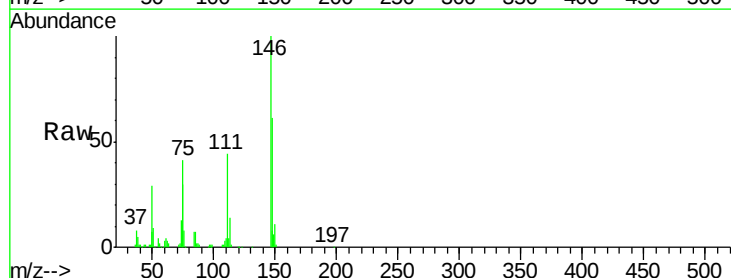
Instrument :
BNA_G
ClientSampleId :

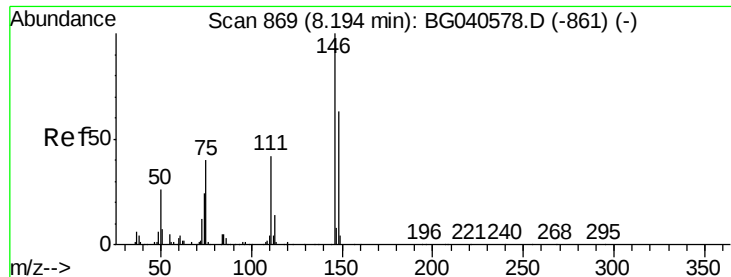
Tot Ion: 93 Resp: 130292
Ion Ratio Lower Upper
93 100
63 95.6 68.2 108.2
95 30.9 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 41.068 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion: 146 Resp: 141376
Ion Ratio Lower Upper
146 100
148 61.4 50.7 76.1
75 41.5 33.4 50.2

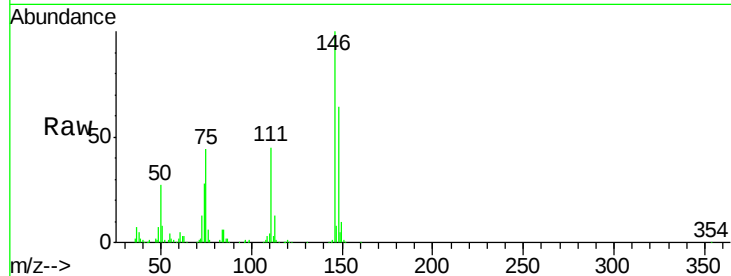




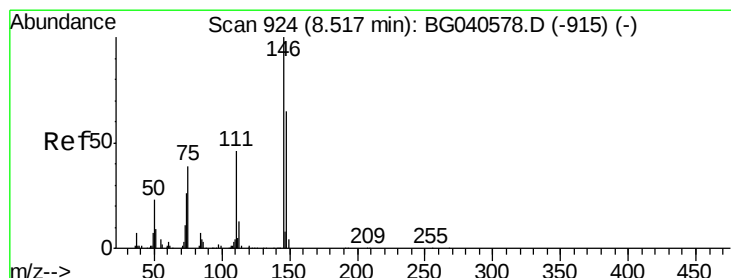
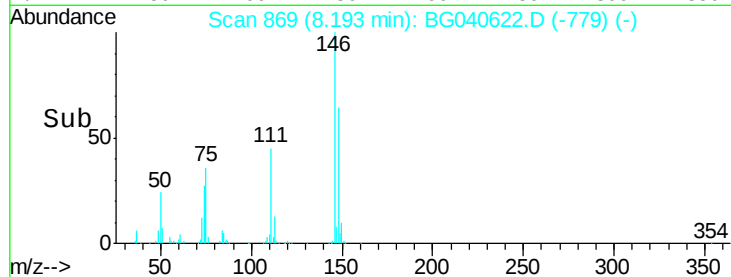
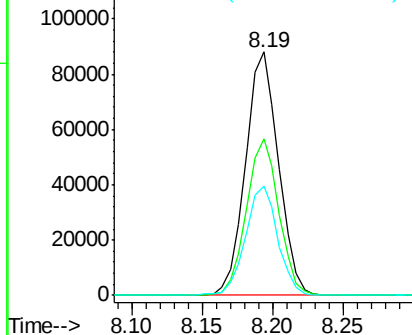
#13
 1,4-Dichlorobenzene
 Concen: 41.323 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 144207
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 44.9 34.3 51.5

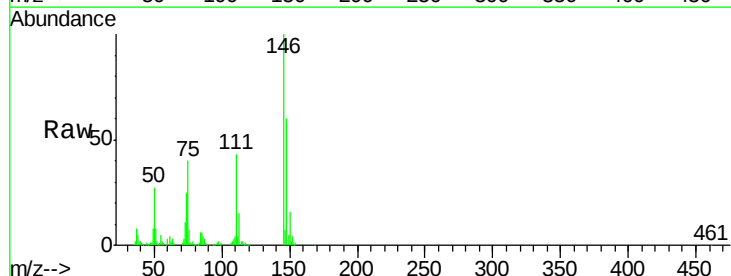


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

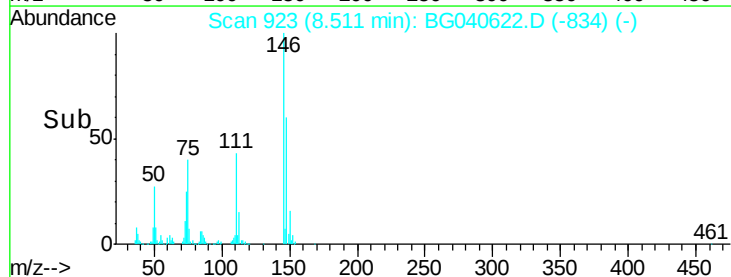
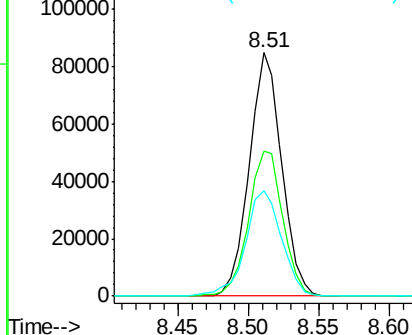


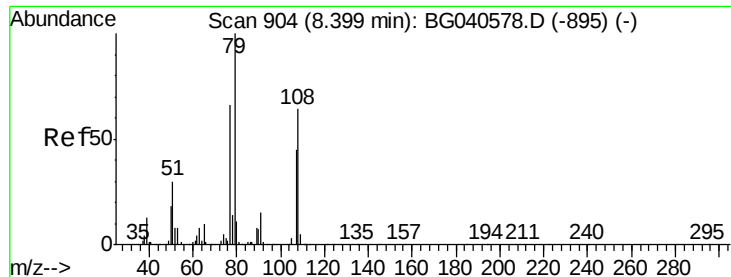
#14
 1,2-Dichlorobenzene
 Concen: 40.655 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion:146 Resp: 136824
 Ion Ratio Lower Upper
 146 100
 148 59.8 52.2 78.4
 111 43.0 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: 41.781 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

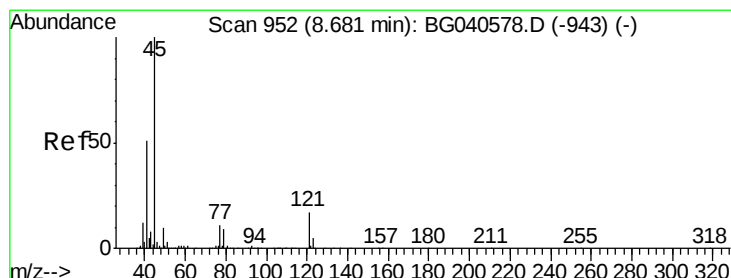
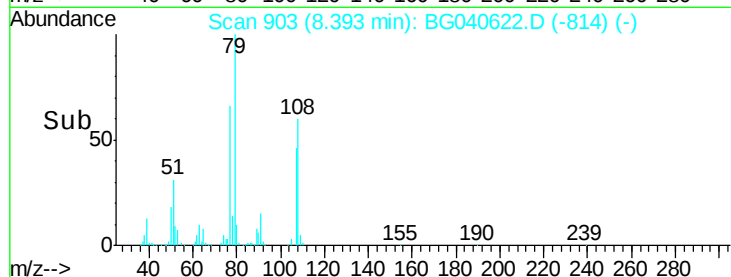
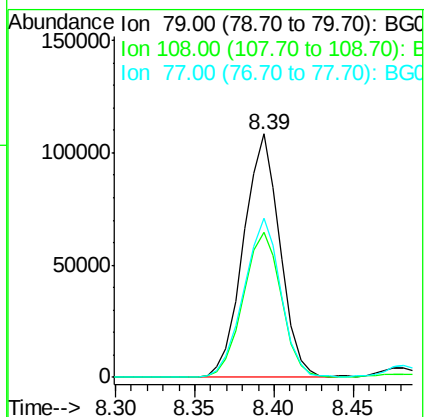
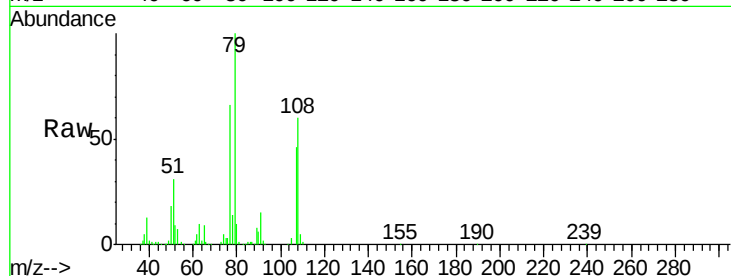
Tot Ion: 79 Resp: 172896

Ion Ratio Lower Upper

79 100

108 59.6 51.4 77.0

77 65.5 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.780 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

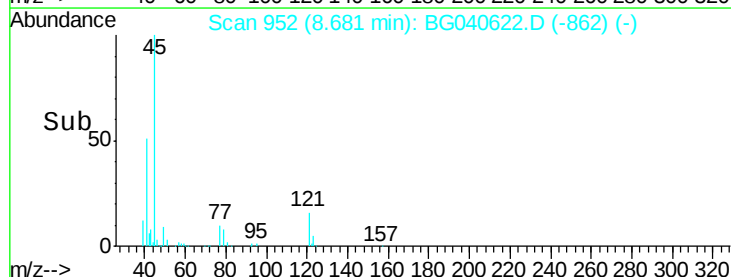
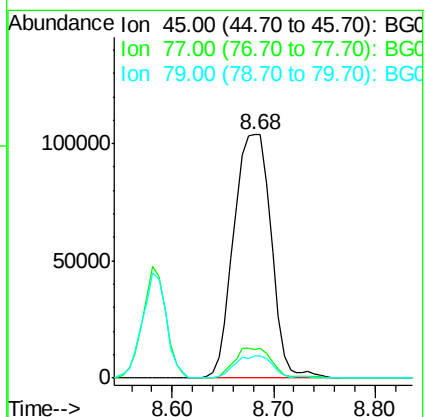
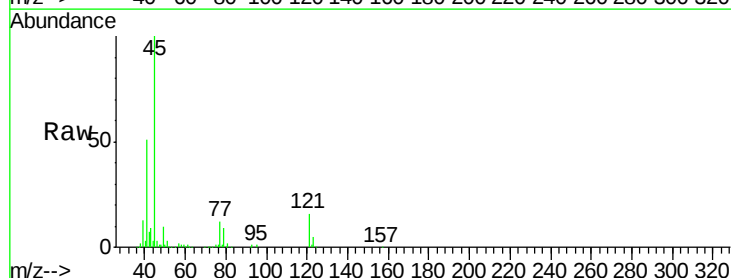
Tgt Ion: 45 Resp: 266666

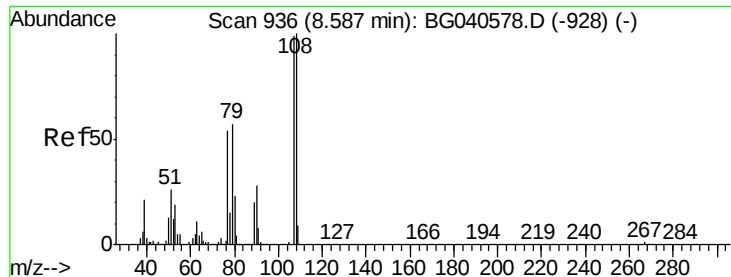
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

79 9.2 0.0 29.4





#17

2-Methylphenol

Concen: 40.793 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 123417

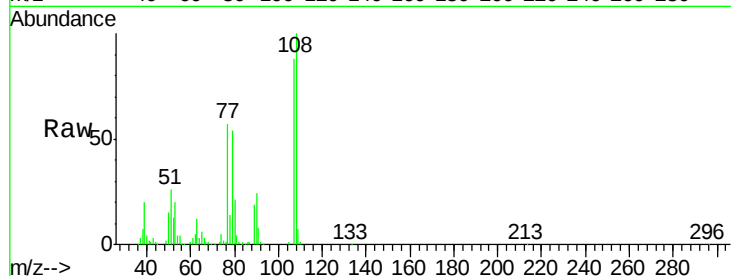
Ion Ratio Lower Upper

107 100

108 113.6 81.2 121.8

77 65.2 44.4 66.6

79 61.4 47.0 70.4

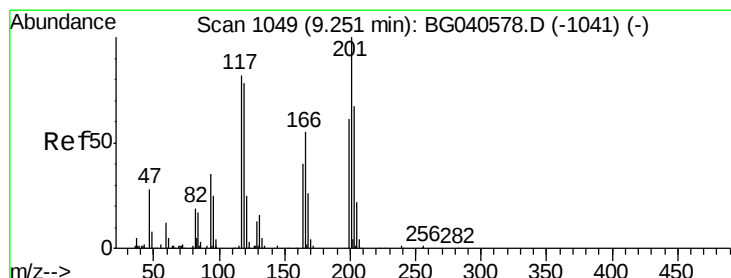
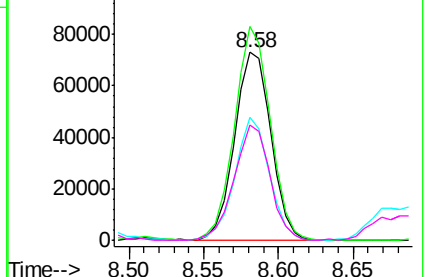
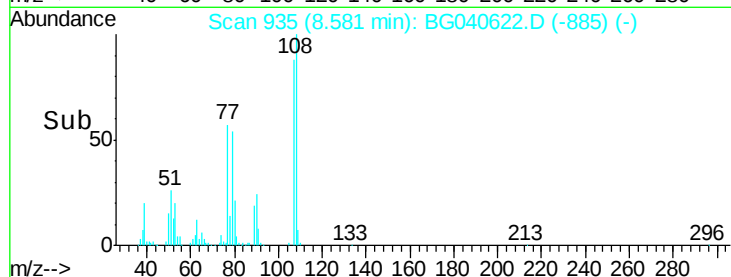


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.139 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

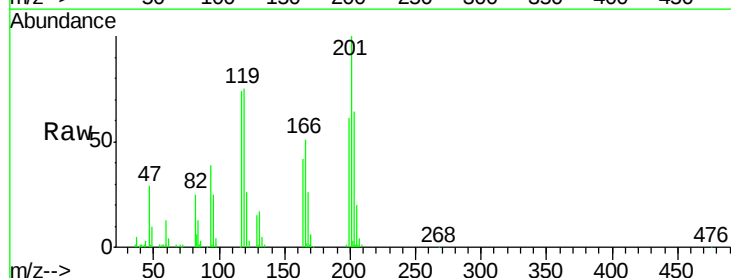
Tgt Ion:117 Resp: 54597

Ion Ratio Lower Upper

117 100

119 101.7 76.6 114.8

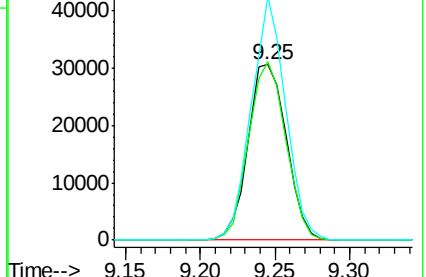
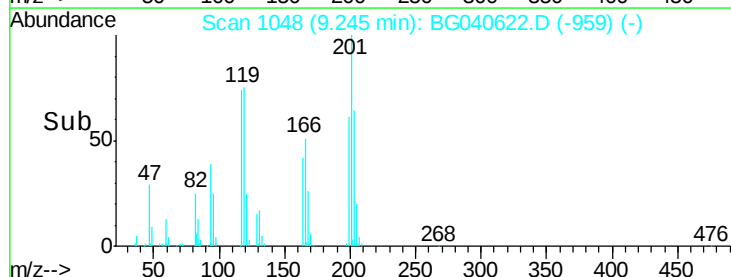
201 138.8 101.0 151.6

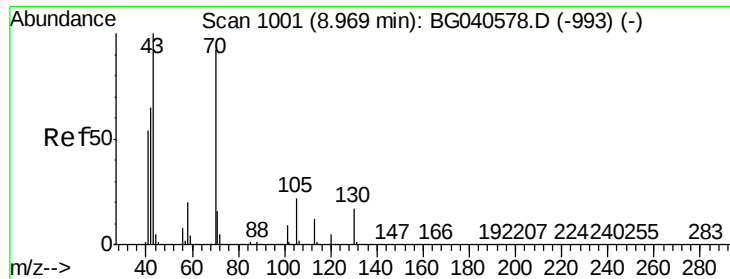


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

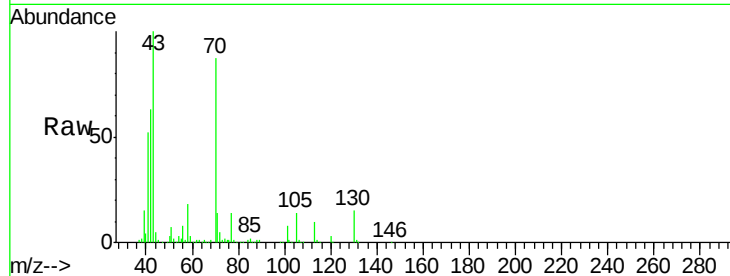




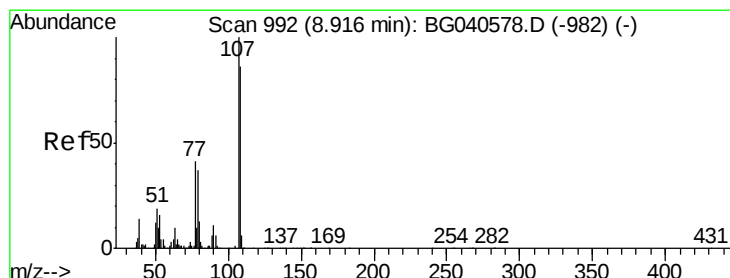
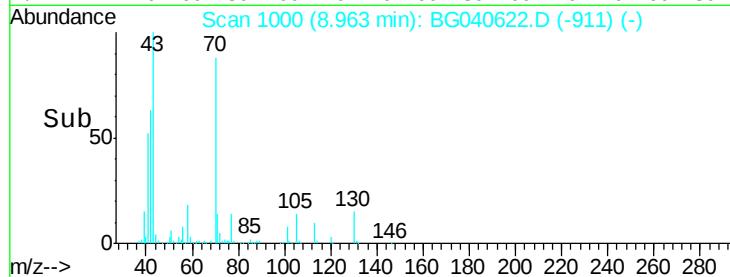
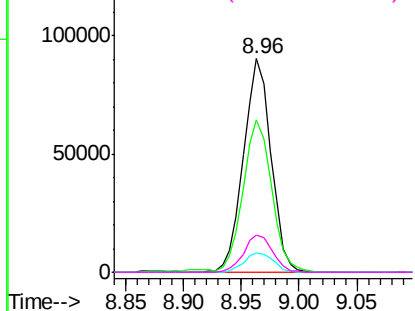
#19
n-Nitroso-di-n-propylamine
Concen: 41.773 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	149550
Ion	Ratio	Lower	Upper
70	100		
42	71.6	57.1	85.7
101	8.9	7.8	11.8
130	17.6	14.6	21.8

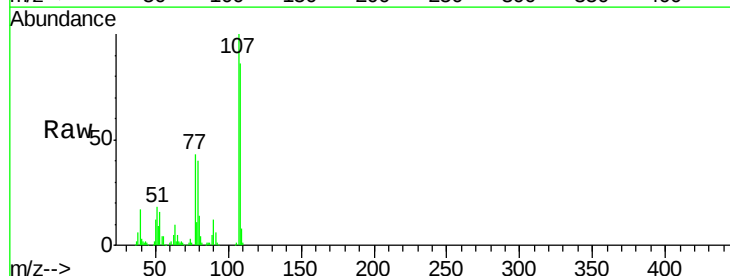


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

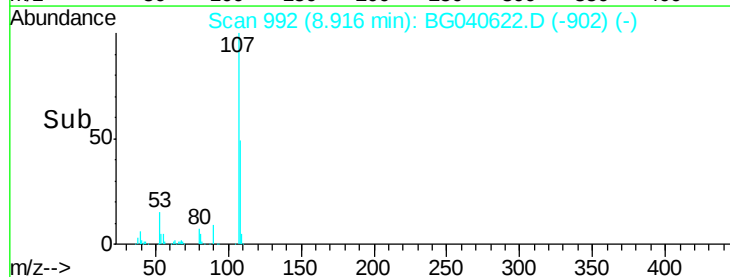
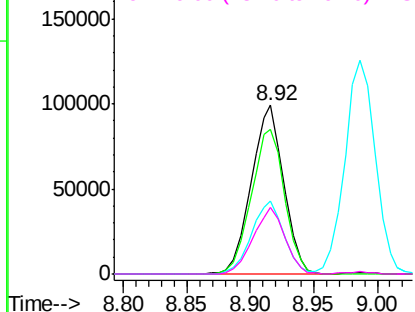


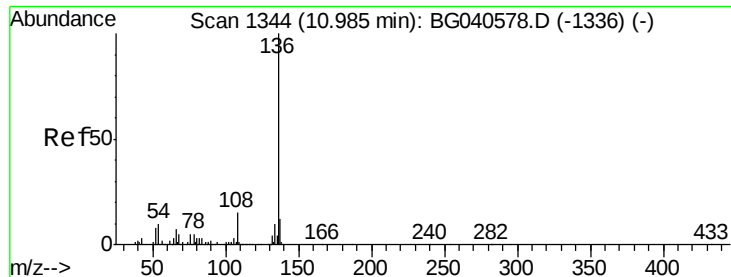
#20
3+4-Methylphenols
Concen: 41.667 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion:	107	Resp:	175615
Ion	Ratio	Lower	Upper
107	100		
108	86.1	66.1	106.1
77	43.0	21.6	61.6
79	39.7	17.4	57.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 208782

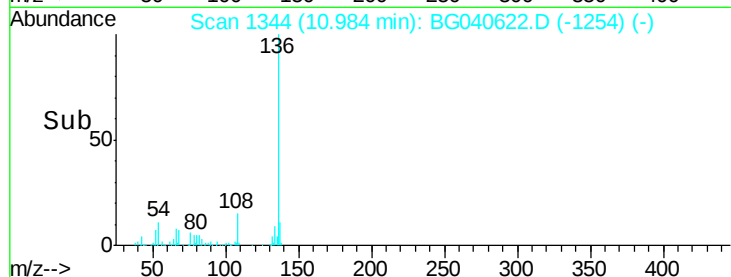
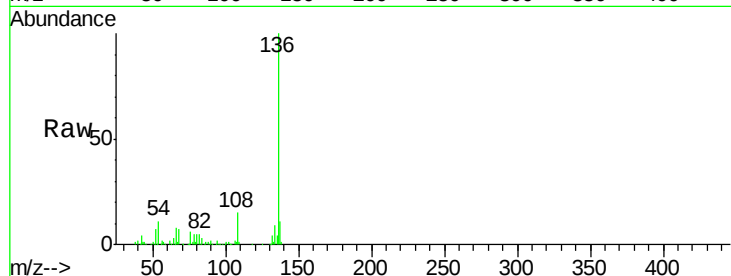
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 10.8 8.6 12.8

68 6.5 4.8 7.2

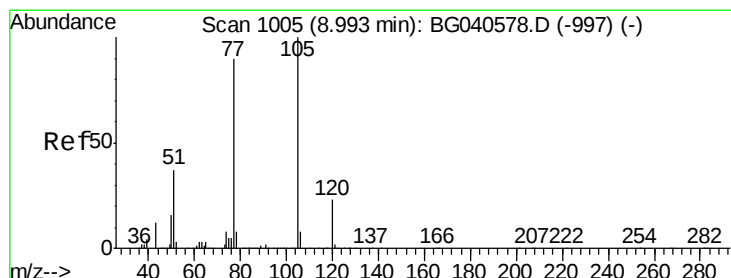
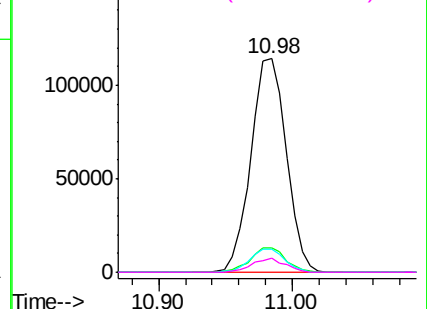


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.703 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Tgt Ion:105 Resp: 236312

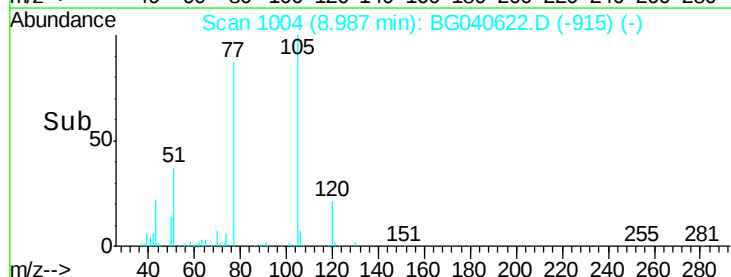
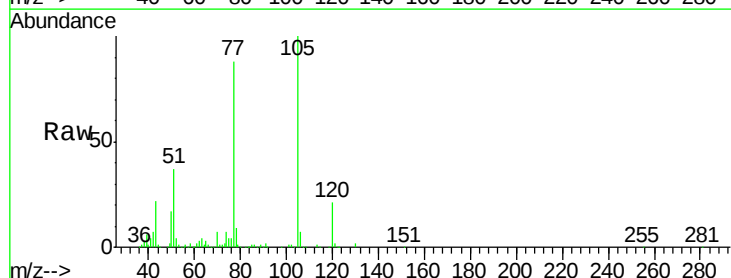
Ion Ratio Lower Upper

105 100

71 1.2 1.8 2.8#

51 36.9 29.8 44.8

120 21.1 18.4 27.6

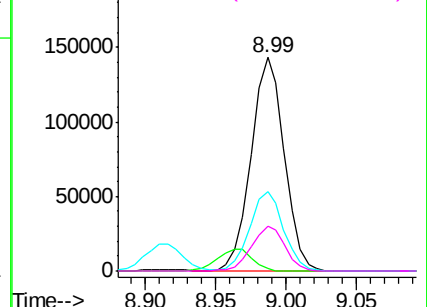


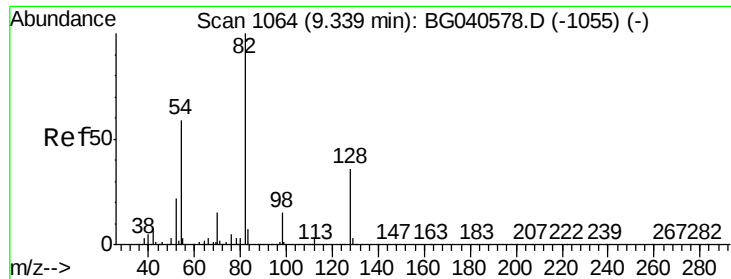
Abundance Ion 105.00 (104.70 to 105.70): E

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

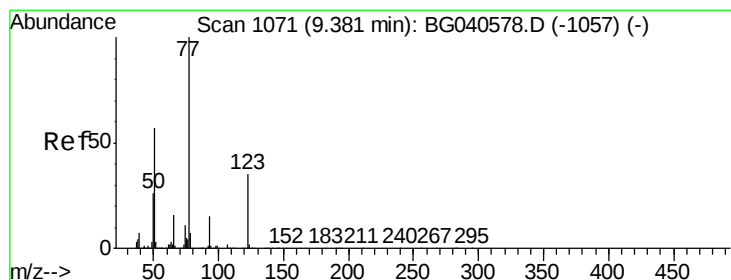
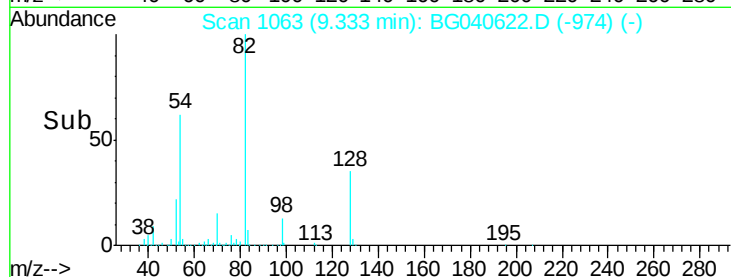
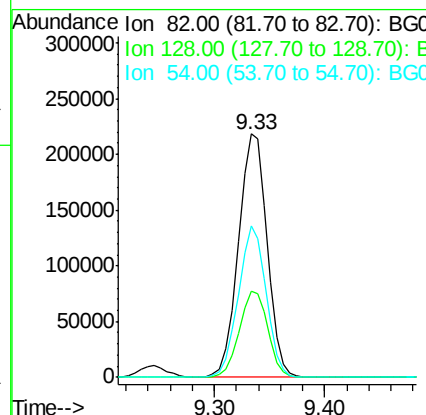
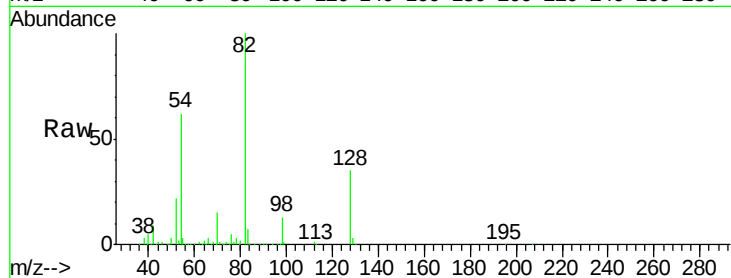




#23
 Nitrobenzene-d5
 Concen: 87.931 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

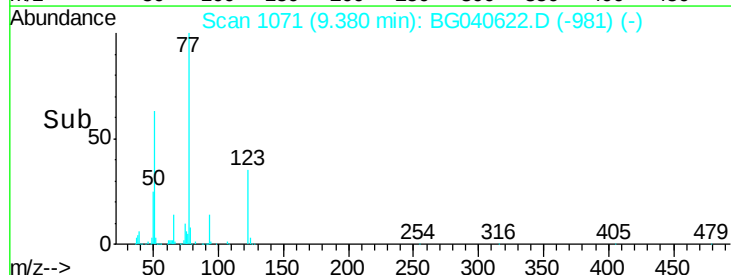
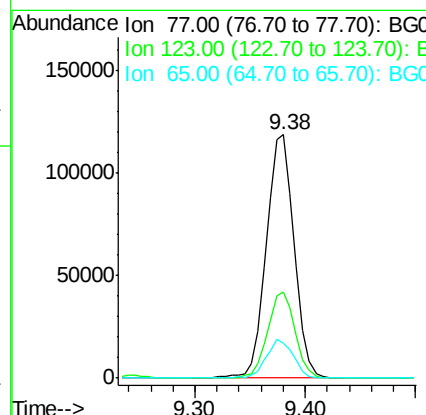
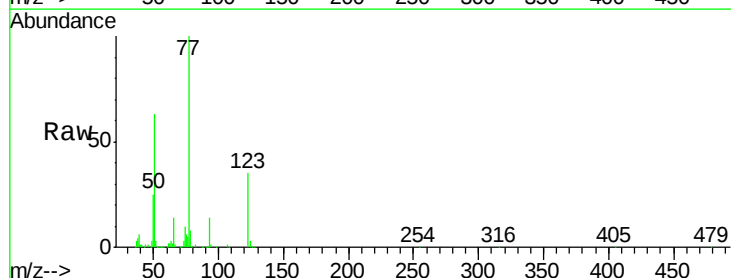
Instrument :
 BNA_G
 ClientSampled :

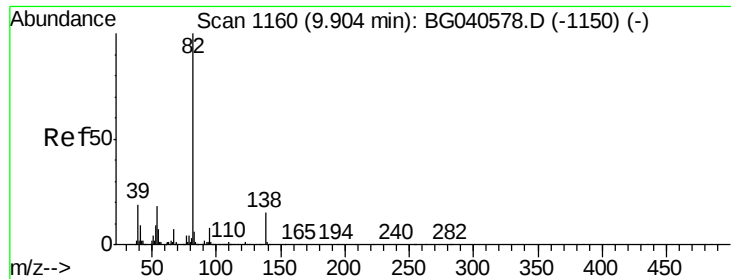
Tot Ion	82	Resp	397315
Ion Ratio	100	Lower	Upper
128	35.3	28.9	43.3
54	62.0	47.2	70.8



#24
 Nitrobenzene
 Concen: 43.376 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion	77	Resp	209116
Ion Ratio	100	Lower	Upper
123	35.3	27.8	41.6
65	14.5	12.4	18.6





#25

Isophorone

Concen: 40.805 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

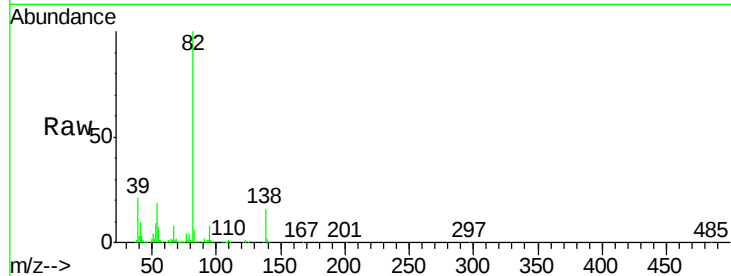
Tot Ion: 82 Resp: 410699

Ion Ratio Lower Upper

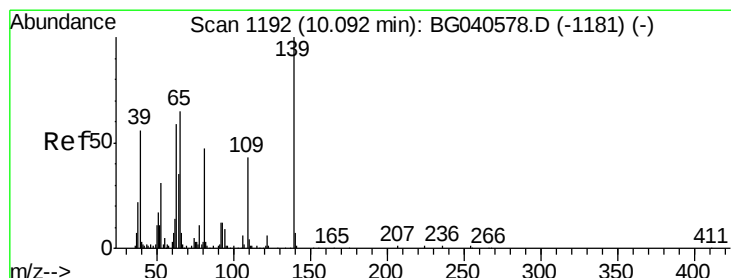
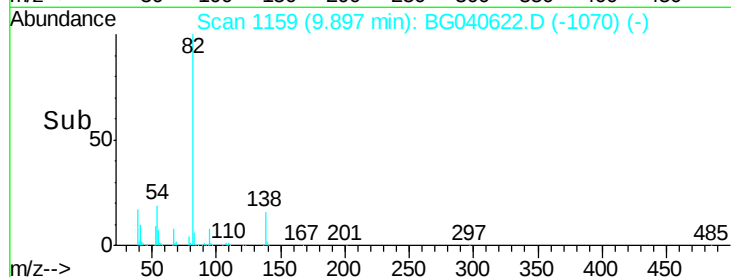
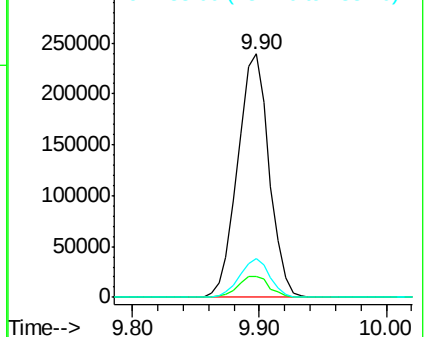
82 100

95 8.4 6.9 10.3

138 15.9 12.3 18.5



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



#26

2-Nitrophenol

Concen: 46.265 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

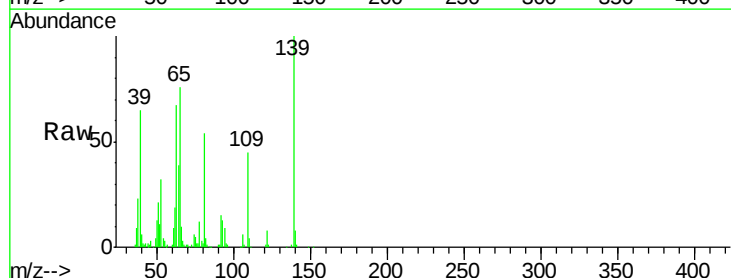
Tgt Ion: 139 Resp: 79951

Ion Ratio Lower Upper

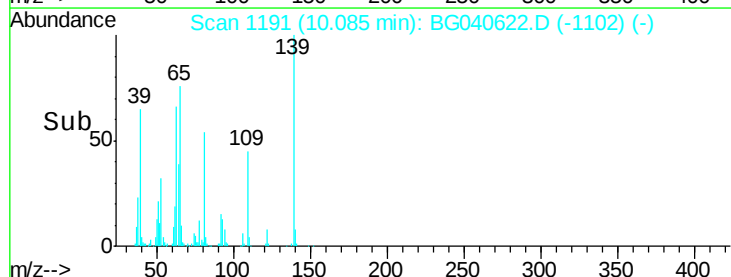
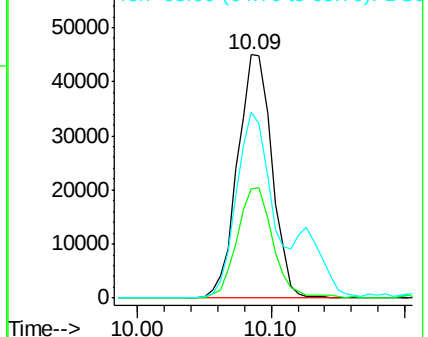
139 100

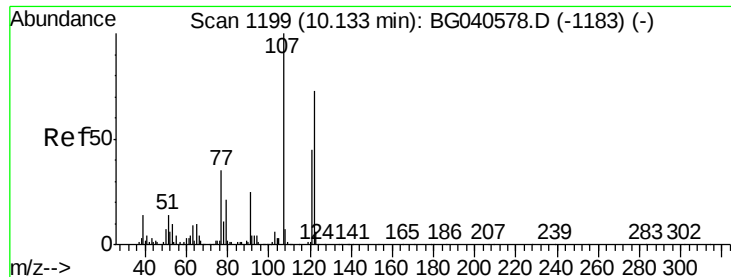
109 44.8 35.6 53.4

65 76.3 52.3 78.5



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

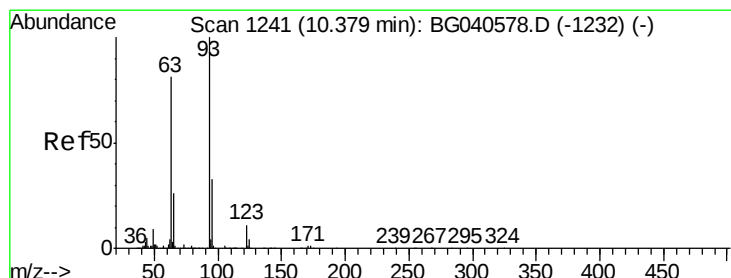
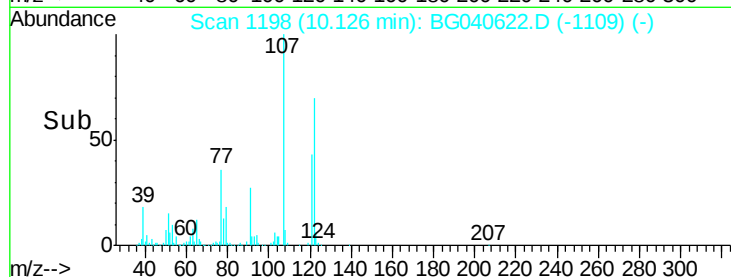
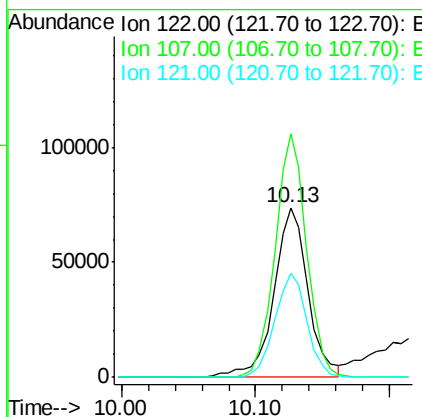
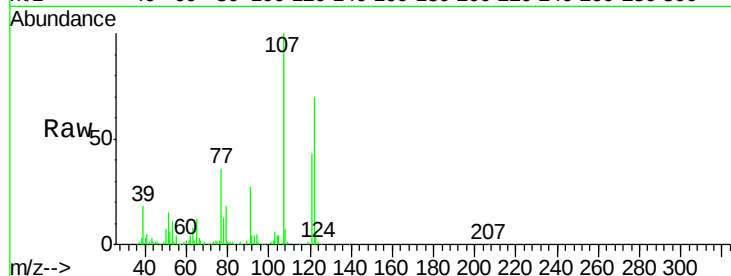




#27
 2,4-Dimethylphenol
 Concen: 40.599 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

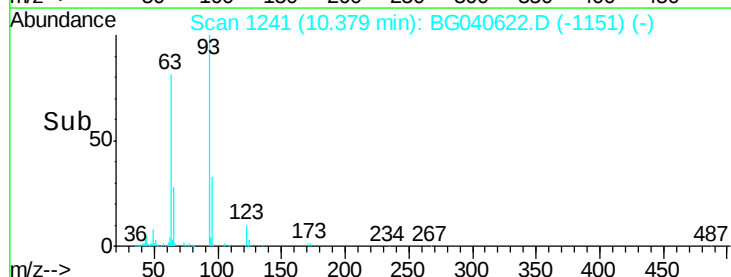
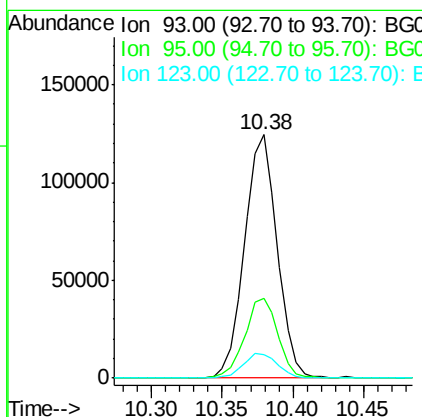
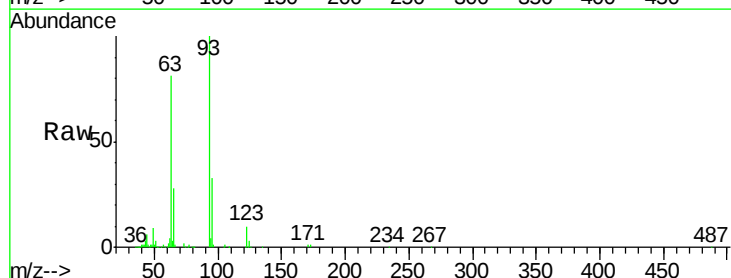
Instrument :
 BNA_G
 ClientSampled :

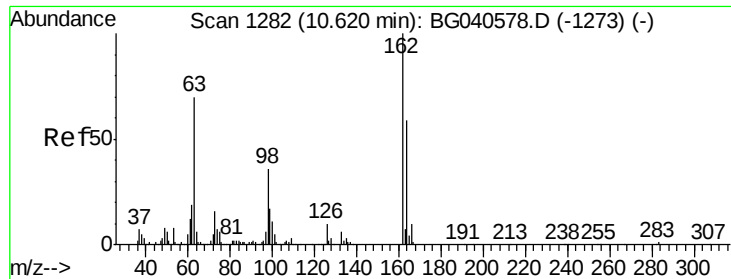
Tot Ion	Ratio	Lower	Upper
122	100		
107	143.6	110.1	165.1
121	61.1	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.833 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	9.8	9.0	13.4

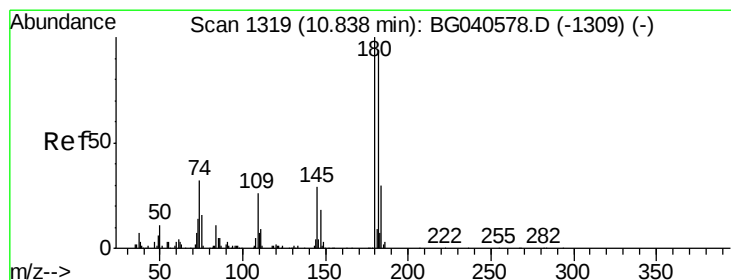
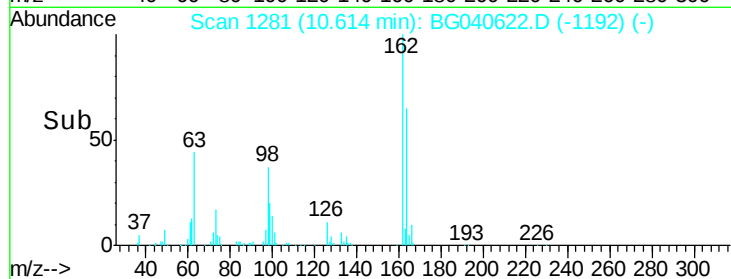
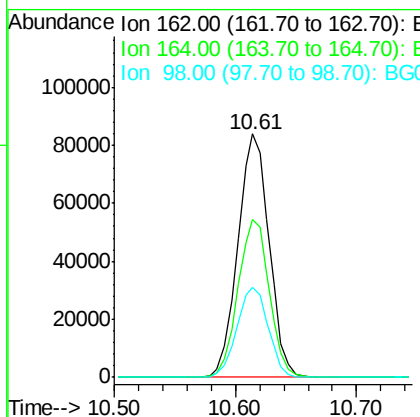
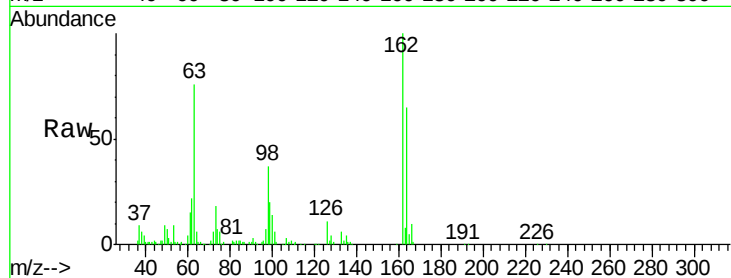




#29
 2,4-Dichlorophenol
 Concen: 40.943 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

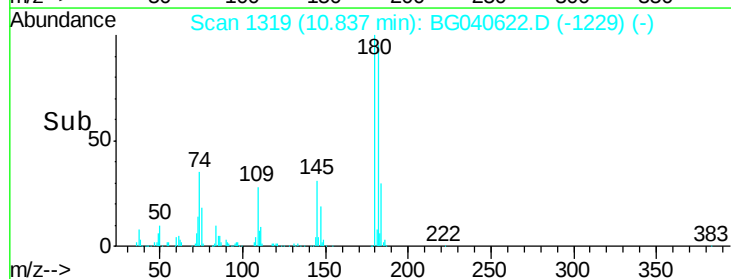
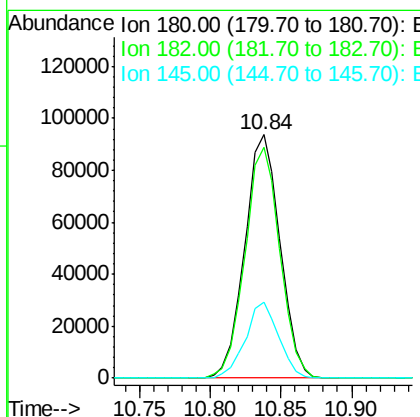
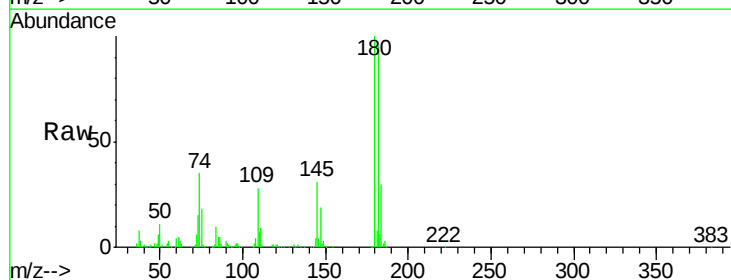
Instrument :
 BNA_G
 ClientSampleId :

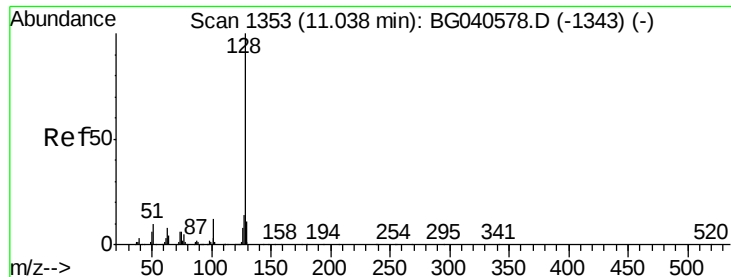
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	38.9	78.9
98	37.1	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.132 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.2	112.8
145	31.3	23.6	35.4

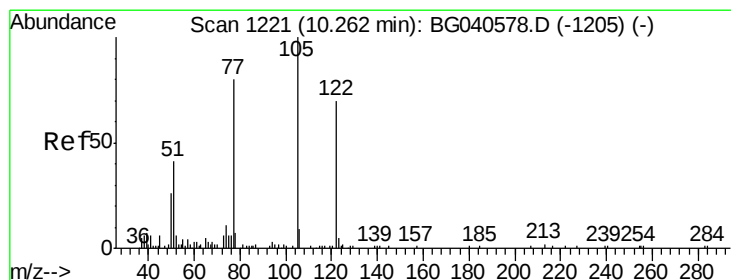
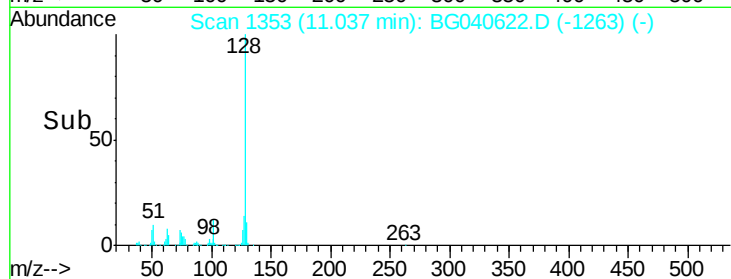
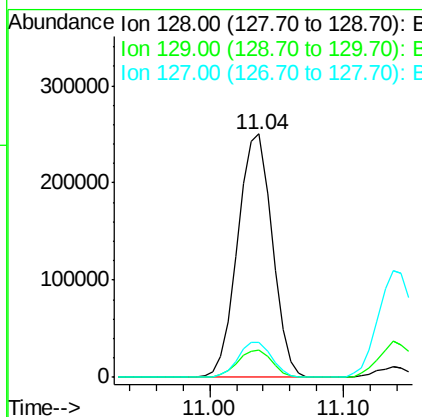
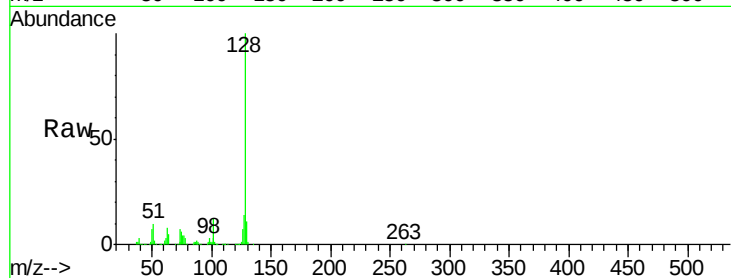




#31
Naphthalene
Concen: 40.413 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

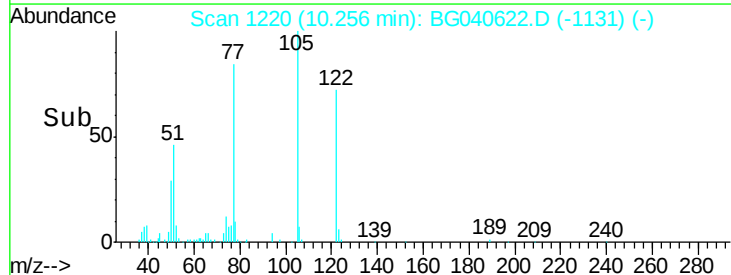
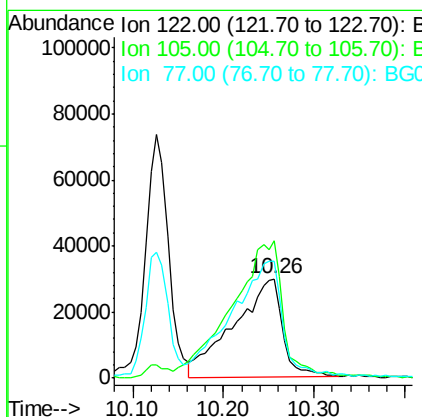
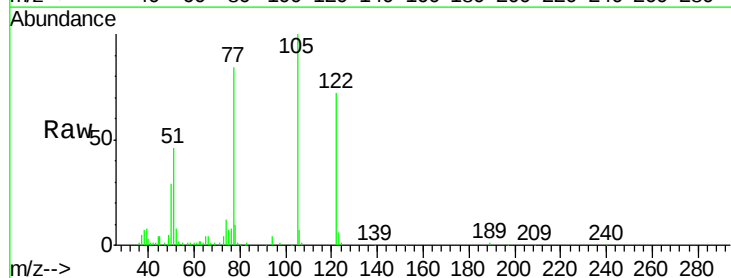
Instrument :
BNA_G
ClientSampleId :

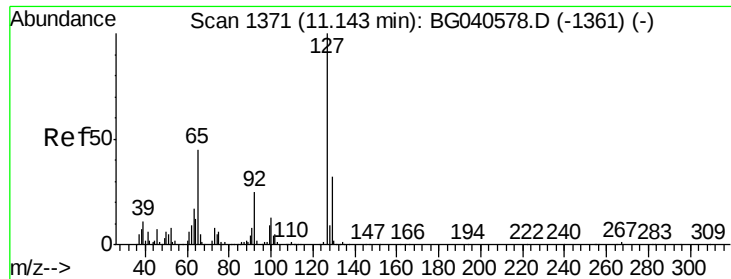
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 50.156 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.8	110.9	150.9
77	117.3	87.6	127.6

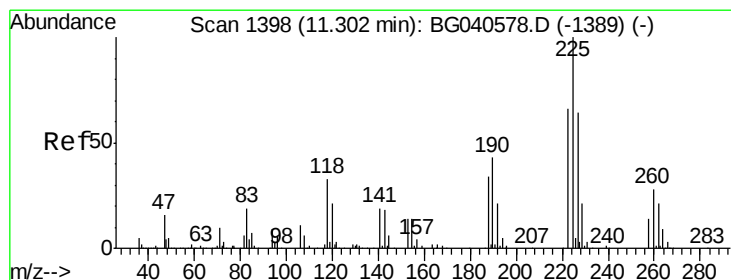
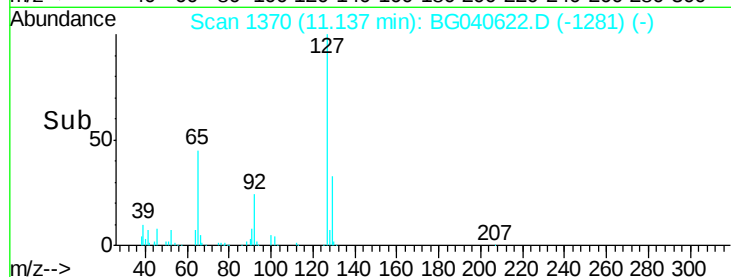
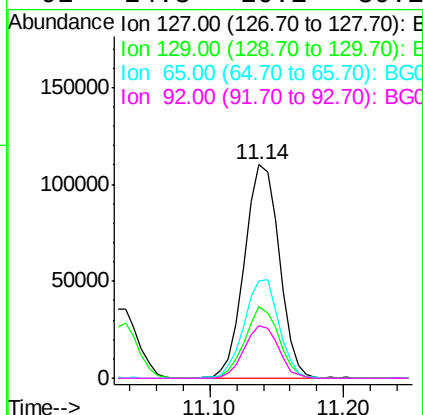
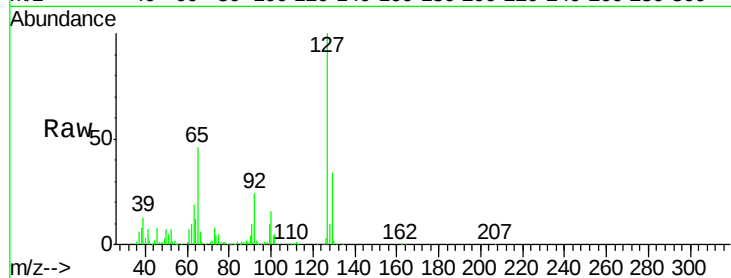




#33
4-Chloroaniline
Concen: 40.415 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

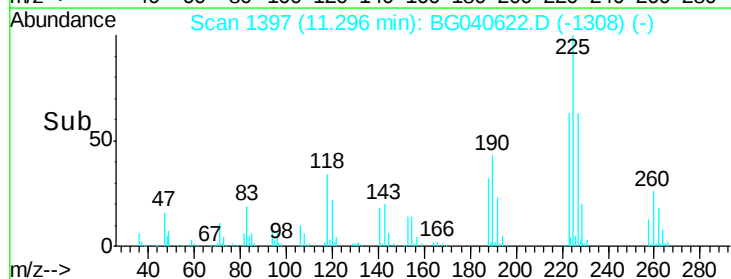
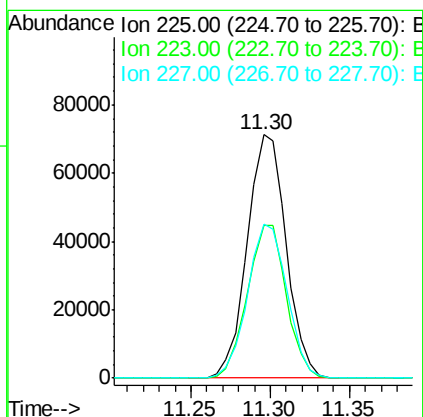
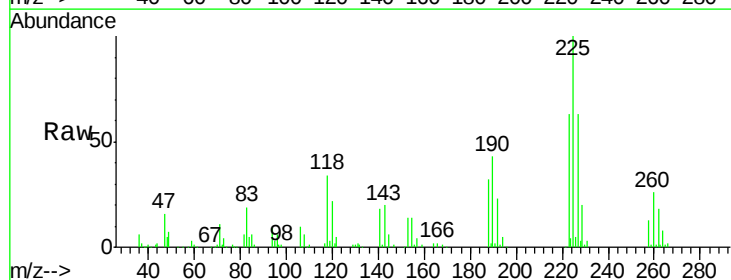
Instrument :
BNA_G
ClientSampleId :

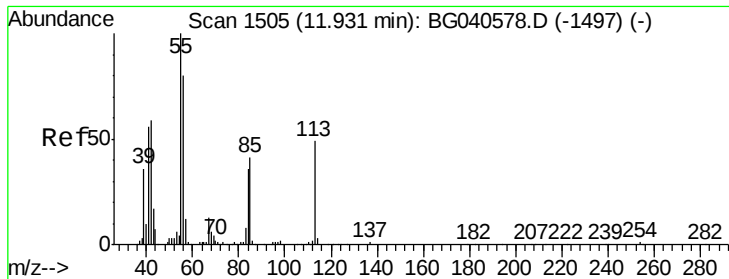
Tot Ion:	127	Resp:	198759
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	45.6	36.1	54.1
92	24.3	20.1	30.1



#34
Hexachlorobutadiene
Concen: 40.288 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion:	225	Resp:	121585
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	63.1	51.0	76.6





#35

Caprolactam

Concen: 41.359 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

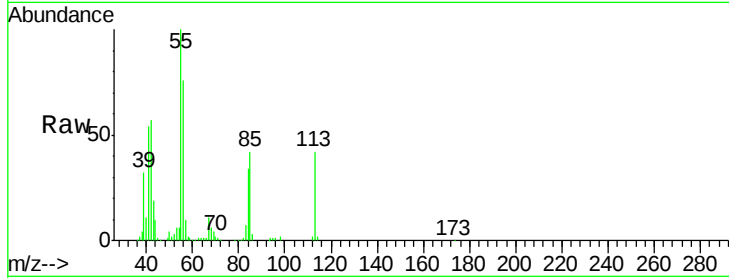
Tot Ion:113 Resp: 60191

Ion Ratio Lower Upper

113 100

55 237.0 198.6 238.6

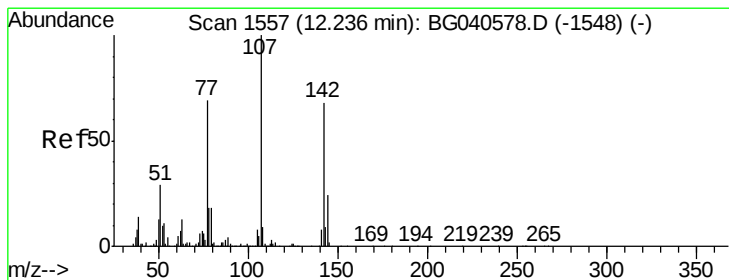
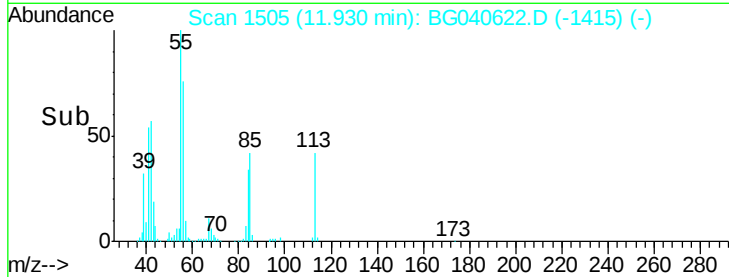
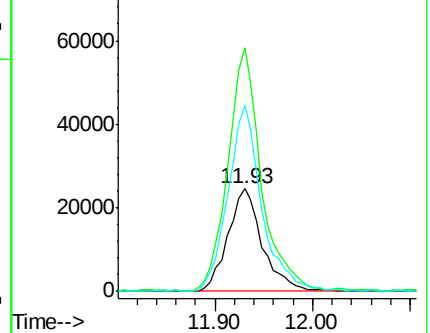
56 180.9 148.4 188.4



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: 42.387 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

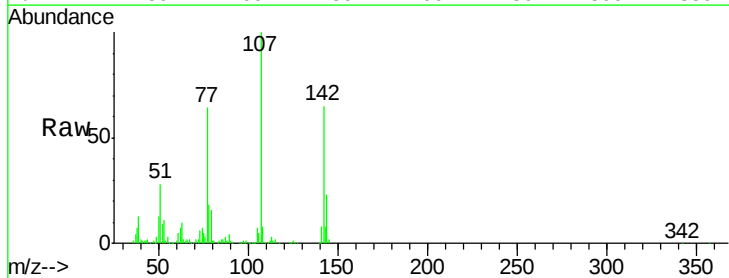
Tgt Ion:107 Resp: 197107

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

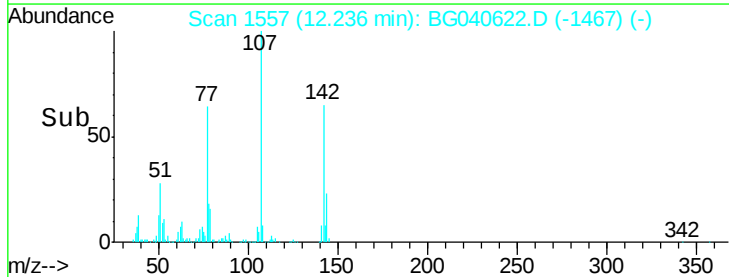
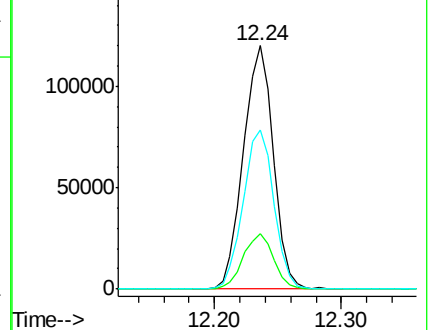
142 65.3 54.6 81.8

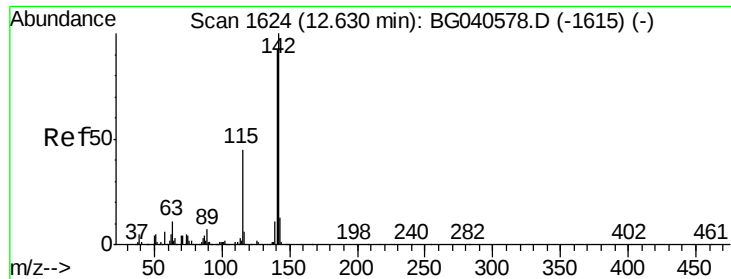


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

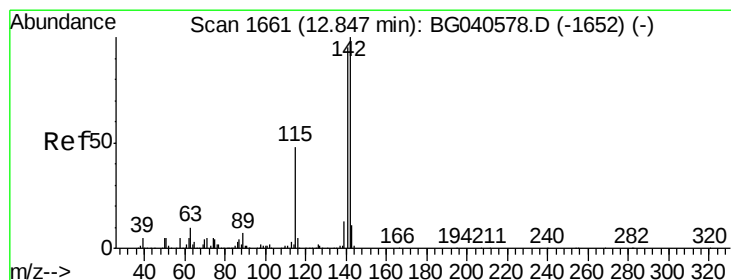
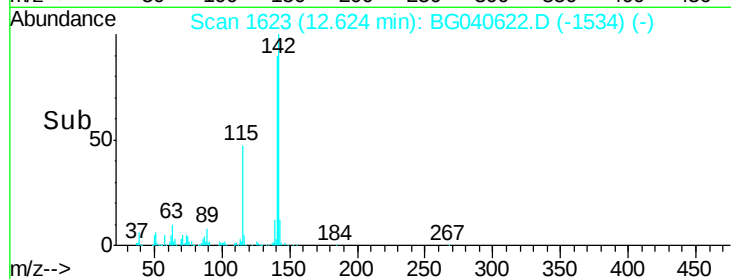
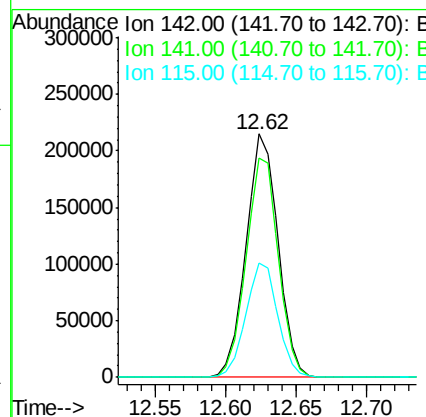
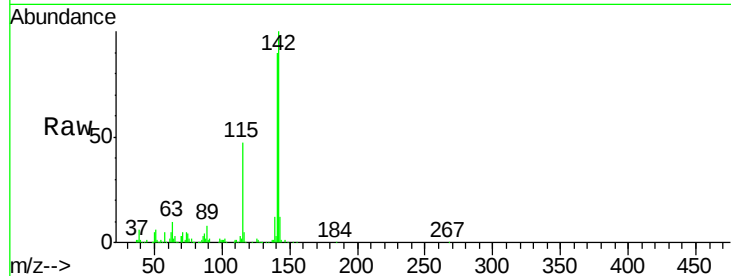




#37
2-Methylnaphthalene
Concen: 41.124 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

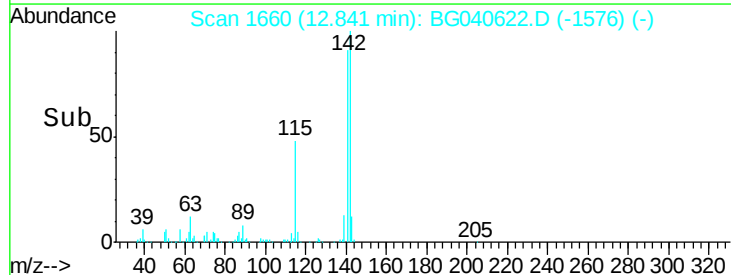
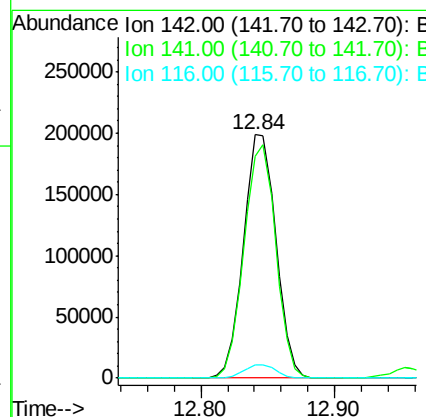
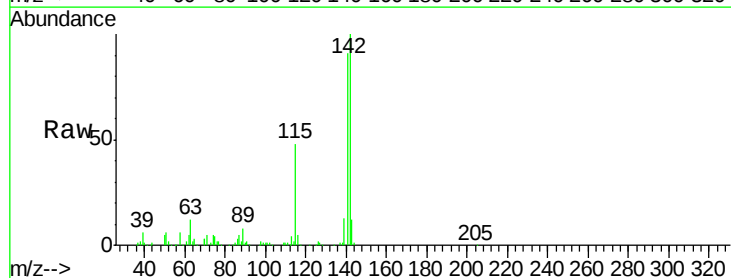
Instrument :
BNA_G
ClientSampled :

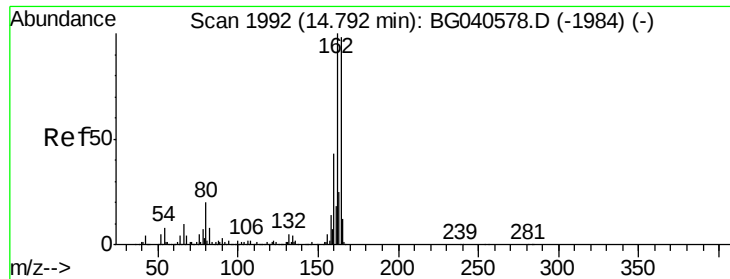
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.4	110.2
115	46.7	36.2	54.4



#38
1-Methylnaphthalene
Concen: 41.102 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.9	113.9
116	5.4	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

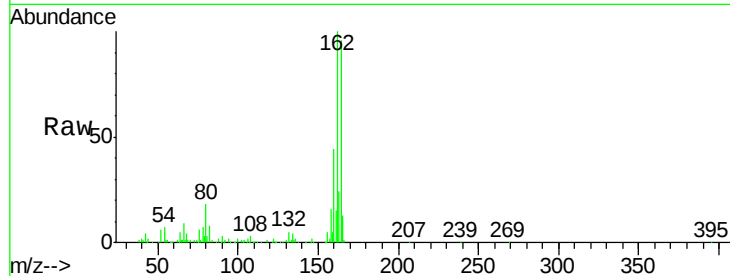
Tot Ion:164 Resp: 153328

Ion Ratio Lower Upper

164 100

162 104.7 81.9 122.9

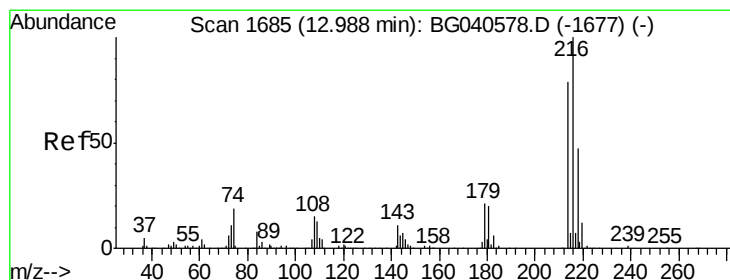
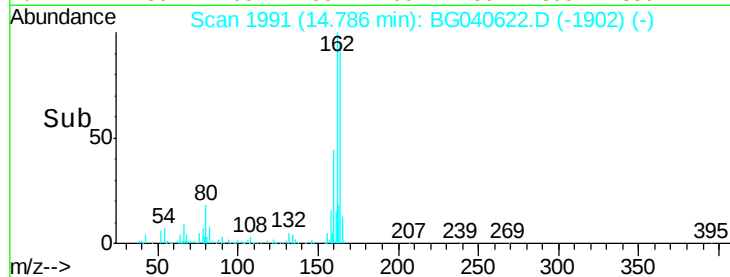
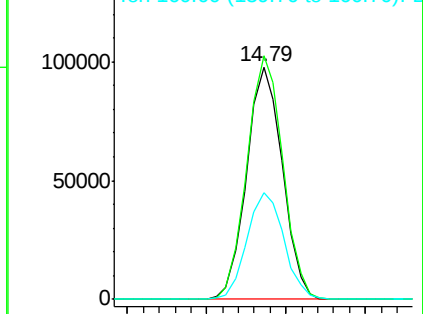
160 45.6 35.4 53.2



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: 39.911 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Tgt Ion:216 Resp: 227966

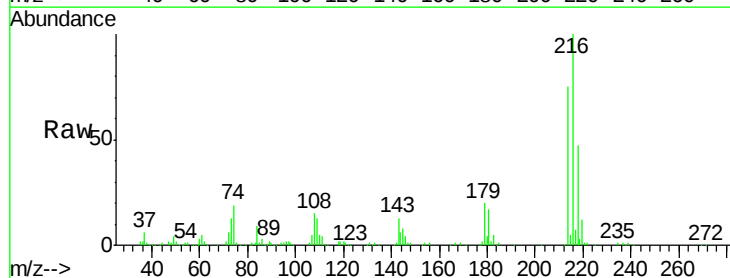
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 20.4 16.6 24.8

108 18.0 14.7 22.1

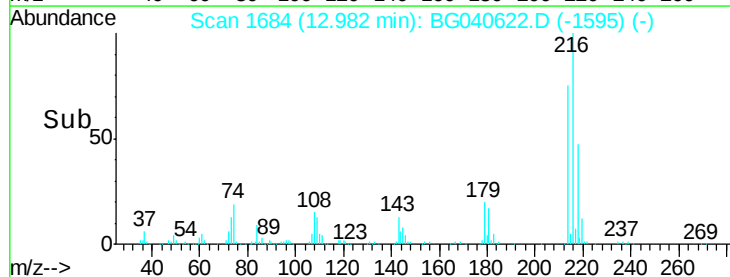
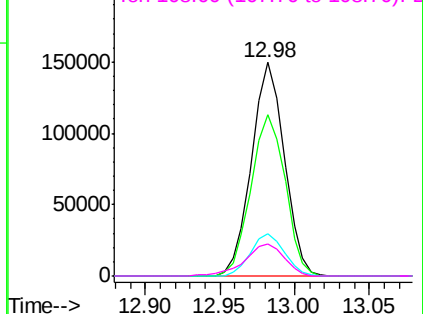


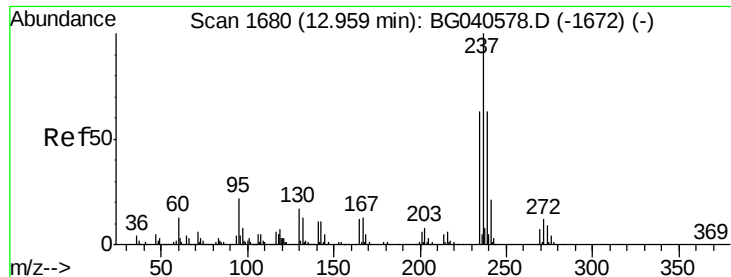
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.789 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

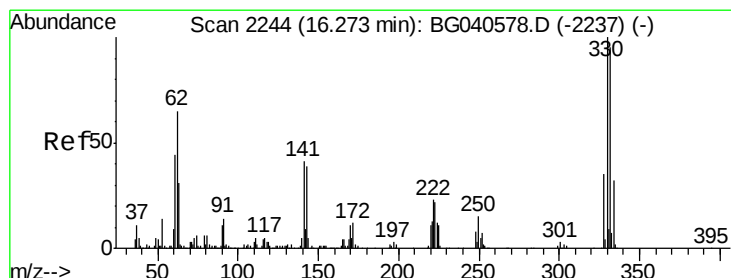
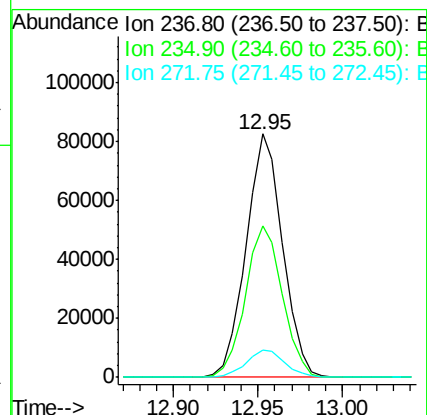
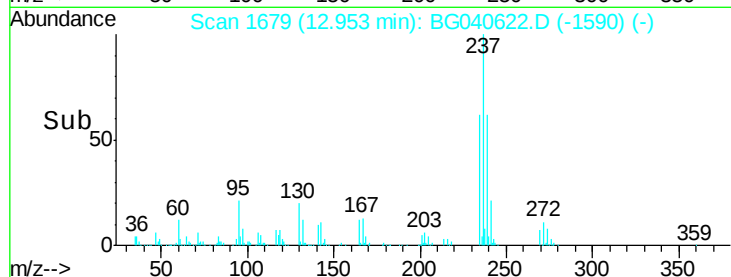
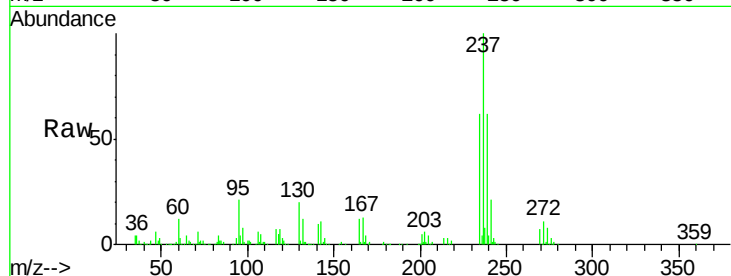
Tot Ion:237 Resp: 123996

Ion Ratio Lower Upper

237 100

235 62.2 42.5 82.5

272 11.2 0.0 31.6



#42

2,4,6-Tribromophenol

Concen: 85.763 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

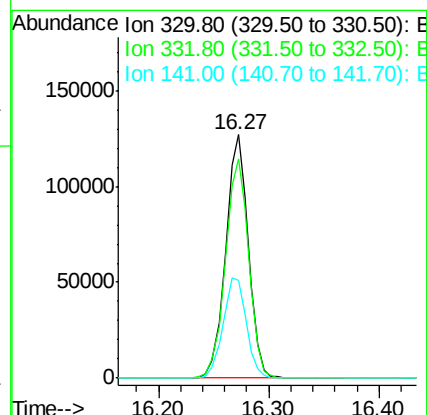
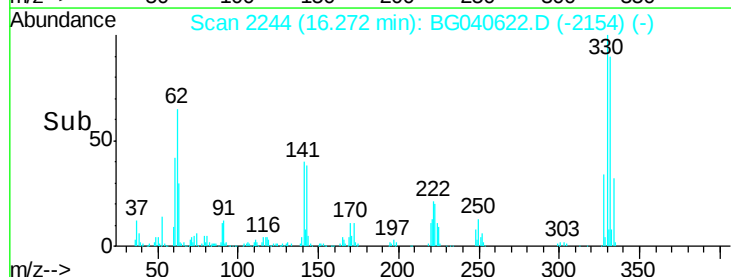
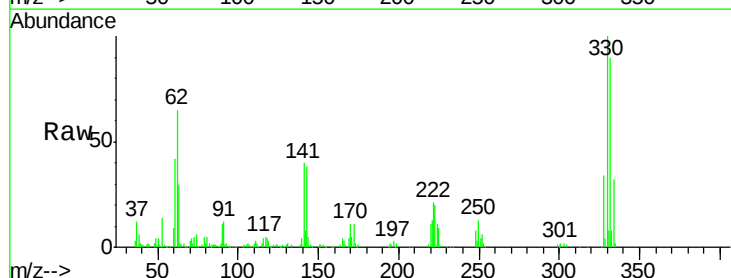
Tgt Ion:330 Resp: 180747

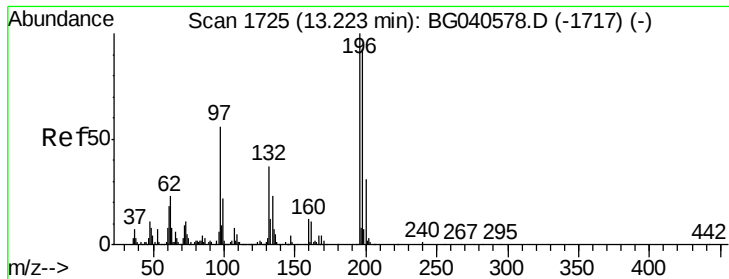
Ion Ratio Lower Upper

330 100

332 92.9 75.9 113.9

141 42.7 32.4 48.6

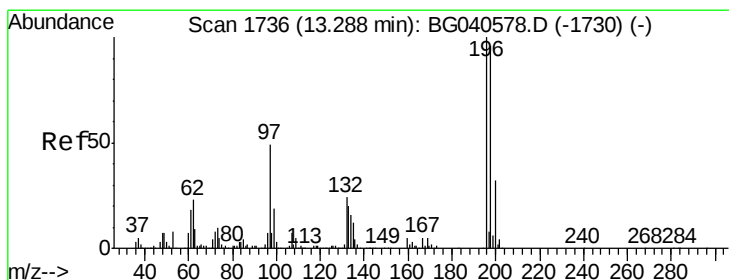
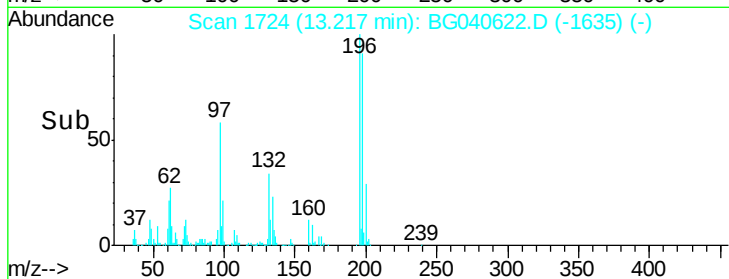
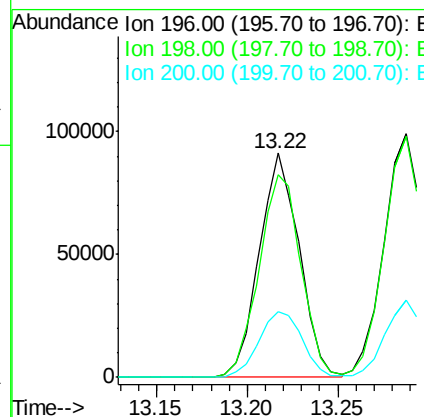
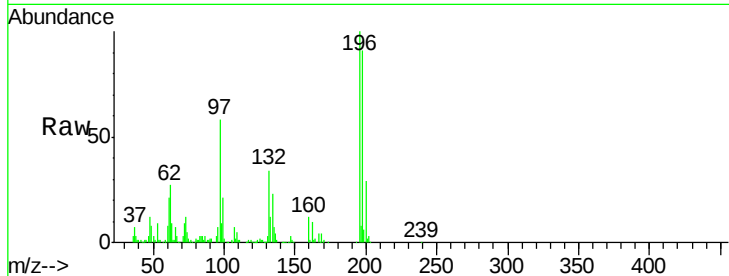




#43
 2,4,6-Trichlorophenol
 Concen: 40.816 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

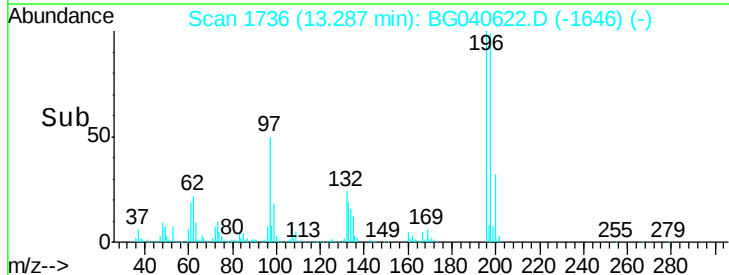
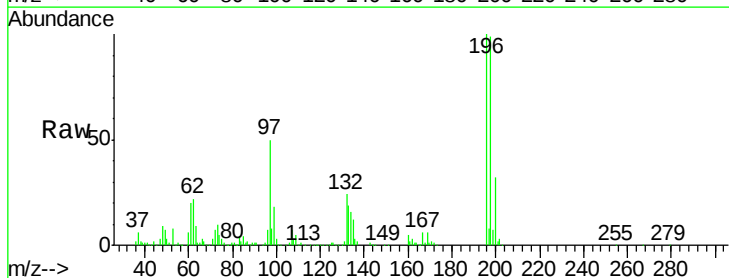
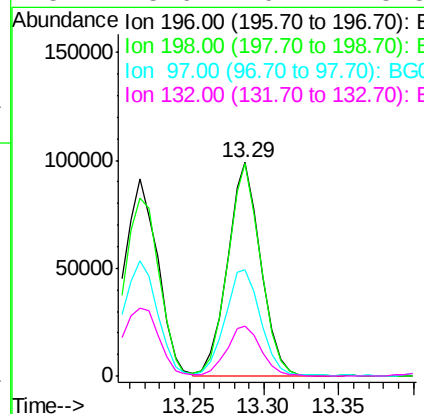
Instrument :
 BNA_G
 ClientSampleId :

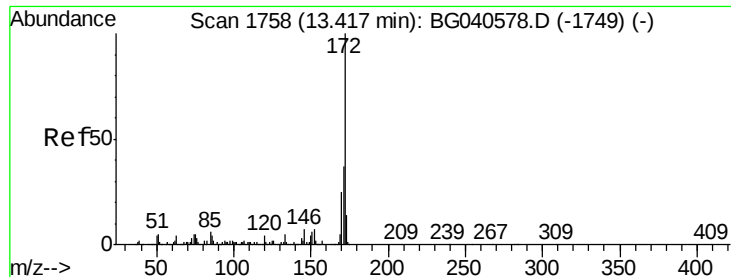
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.7	74.8	112.2
200	29.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.050 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	77.0	115.6
97	49.6	40.0	60.0
132	23.6	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 79.376 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

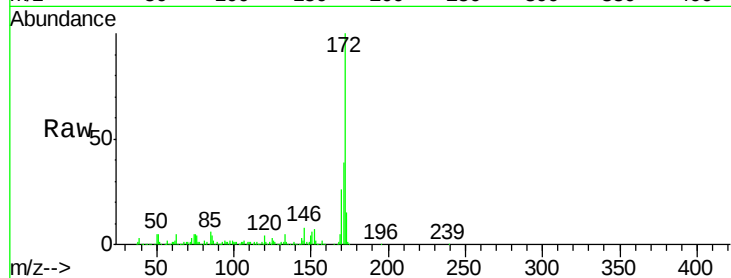
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 842717

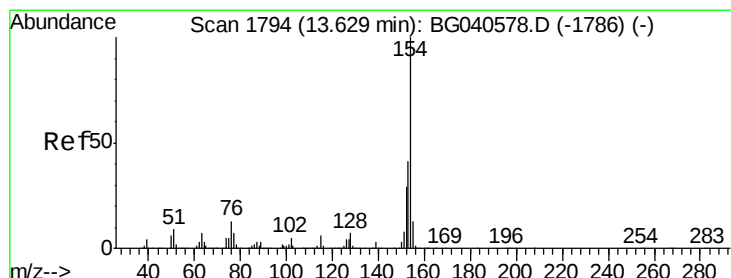
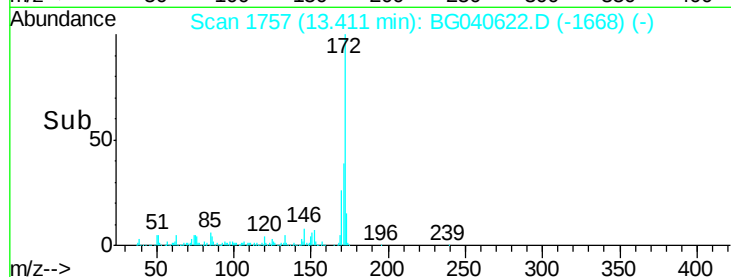
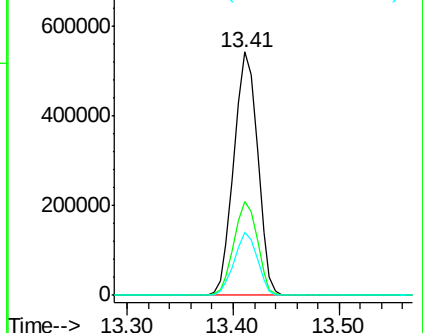
Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.4	44.2
170	25.8	19.9	29.9



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: 39.019 ng

RT: 13.62 min Scan# 1793

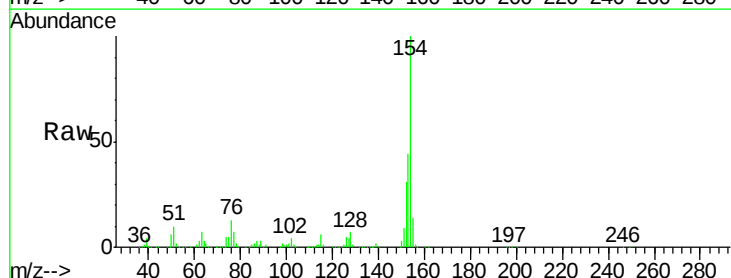
Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Tgt Ion:154 Resp: 464507

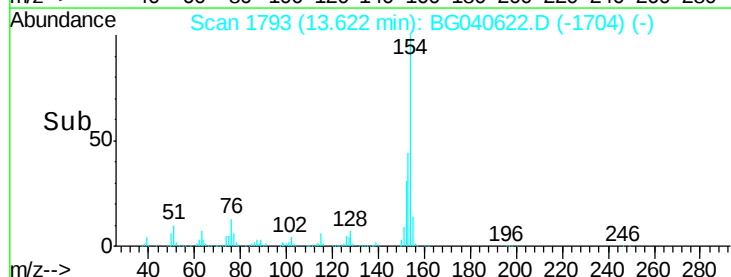
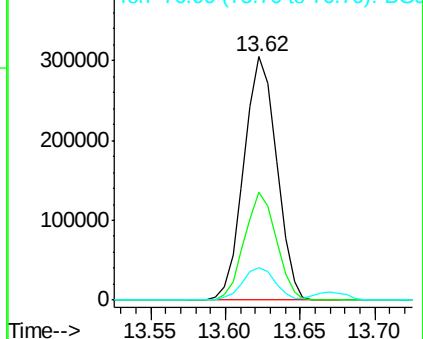
Ion	Ratio	Lower	Upper
154	100		
153	44.4	20.5	60.5
76	13.4	0.0	32.5

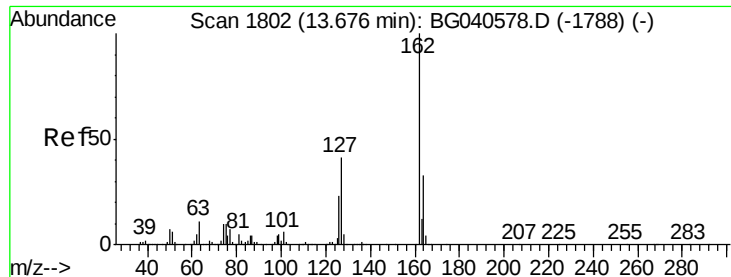


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

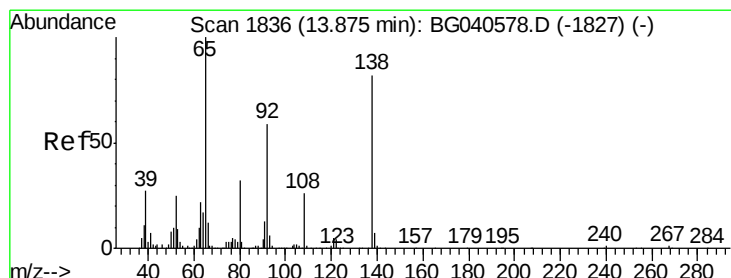
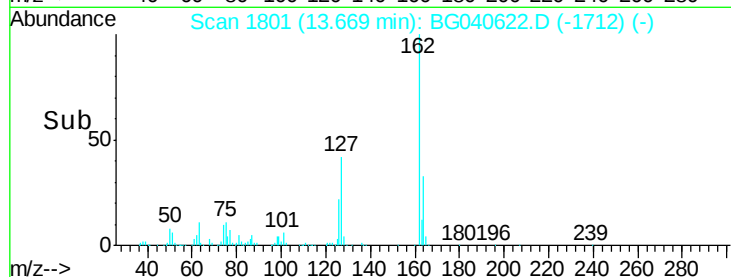
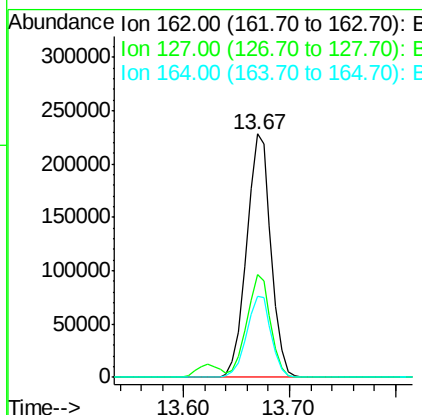
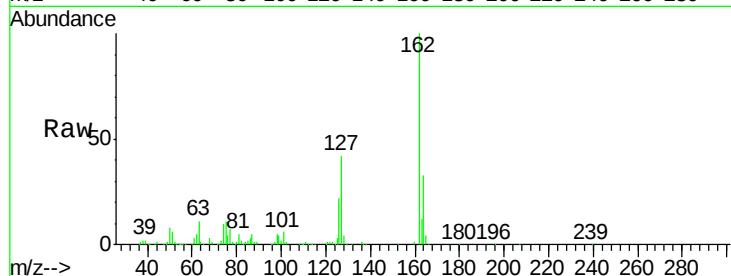




#47
 2-Chloronaphthalene
 Concen: 39.058 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

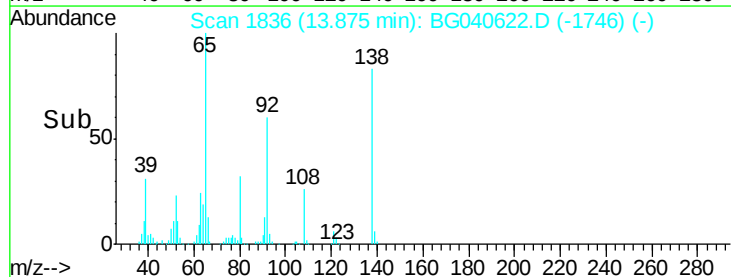
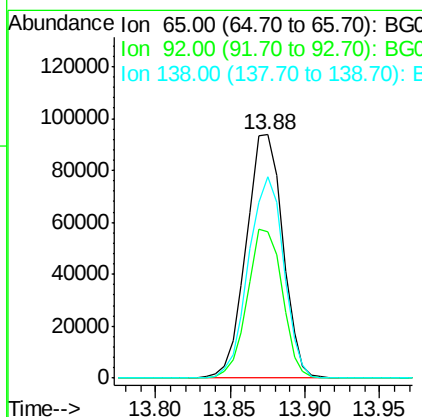
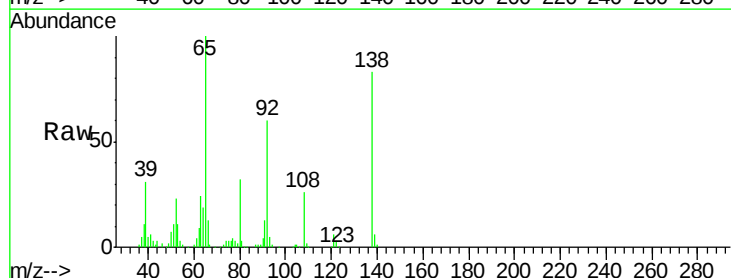
Instrument :
 BNA_G
 ClientSampleId :

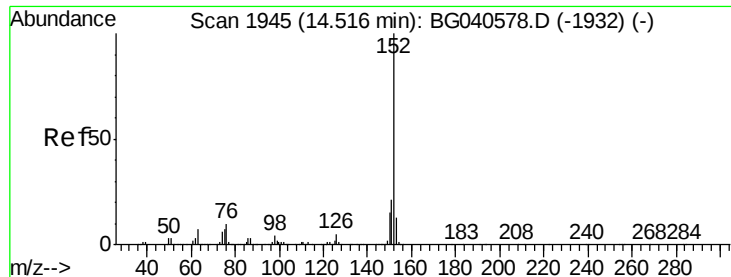
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.0	49.4
164	33.4	26.8	40.2



#48
 2-Nitroaniline
 Concen: 47.907 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.1	47.4	71.0
138	82.7	66.1	99.1





#49

Acenaphthylene

Concen: 39.965 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampled :

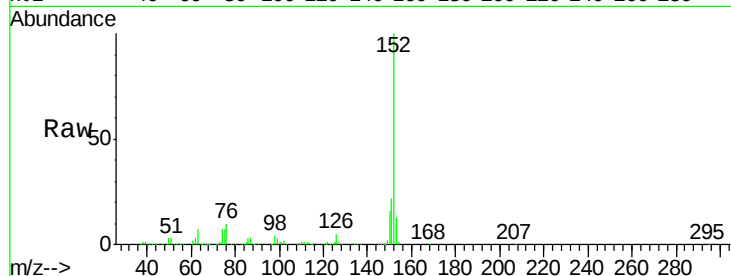
Tot Ion:152 Resp: 631706

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

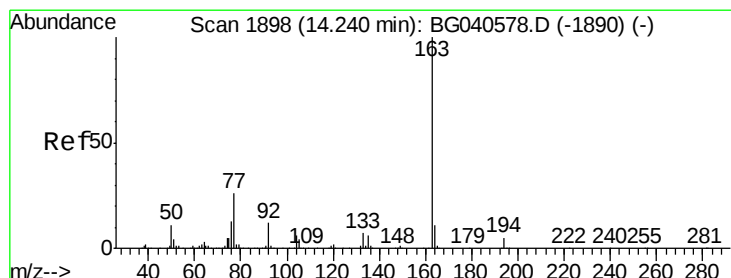
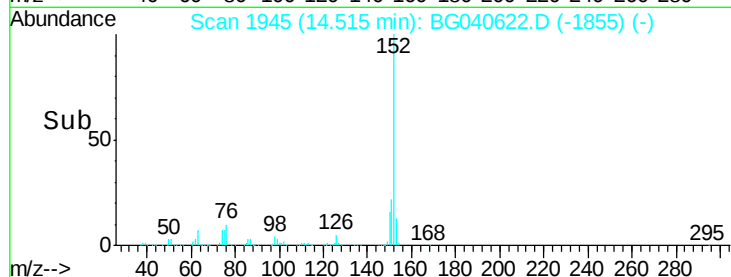
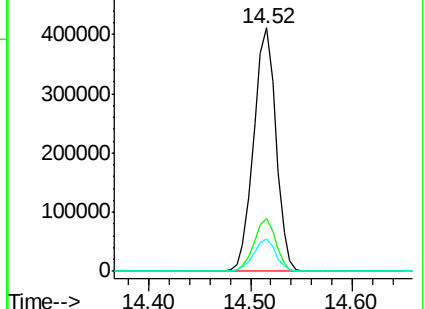
153 13.4 10.7 16.1



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: 40.667 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

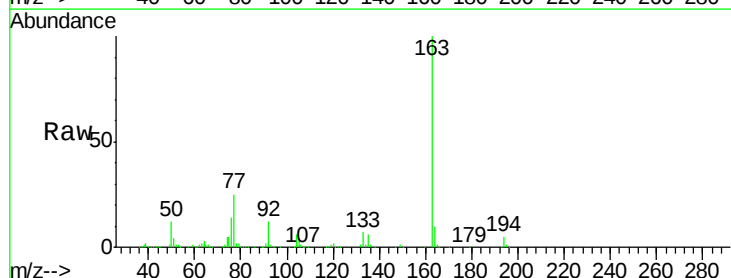
Tgt Ion:163 Resp: 521698

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

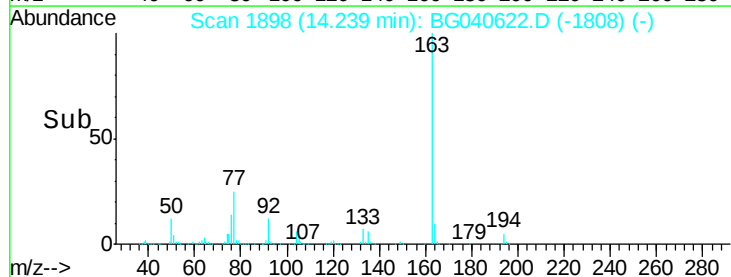
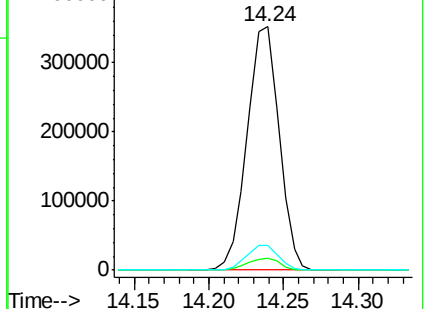
164 10.1 8.8 13.2

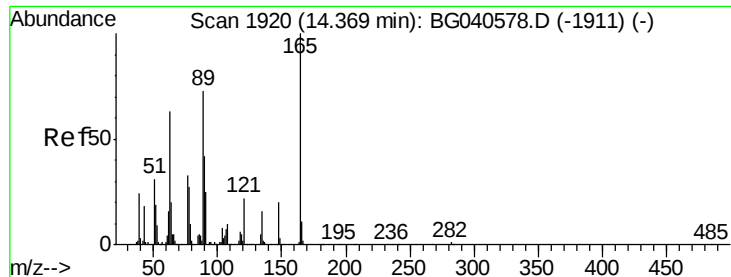


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.172 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampled :

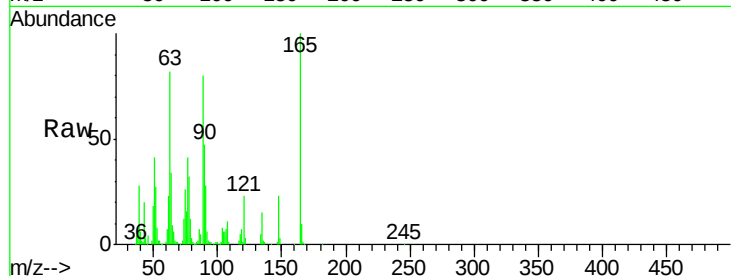
Tot Ion:165 Resp: 113101

Ion Ratio Lower Upper

165 100

63 82.5 61.0 91.4

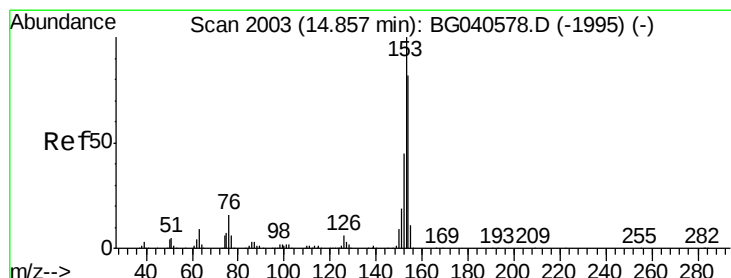
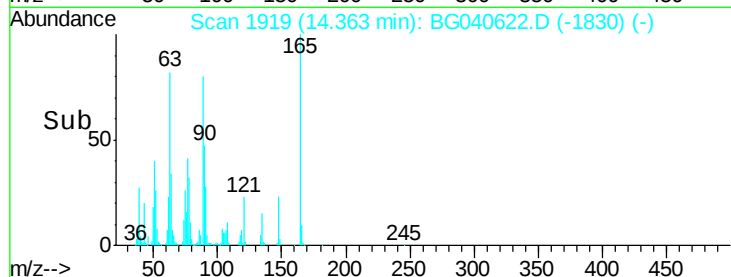
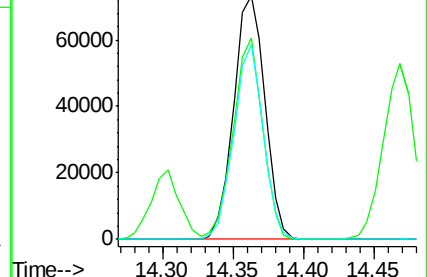
89 80.0 58.6 87.8



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: 39.239 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

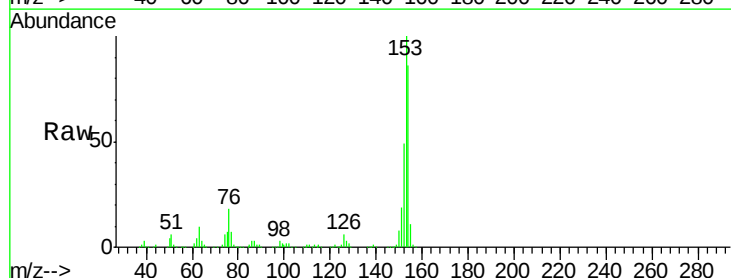
Tgt Ion:154 Resp: 361197

Ion Ratio Lower Upper

154 100

153 116.3 97.0 145.6

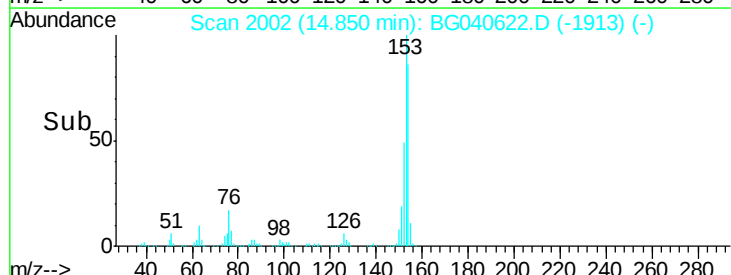
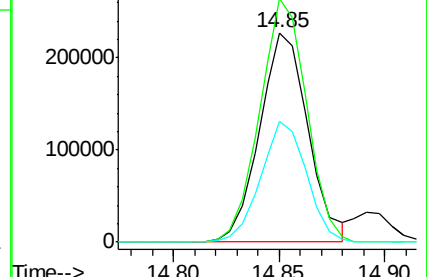
152 57.5 44.1 66.1

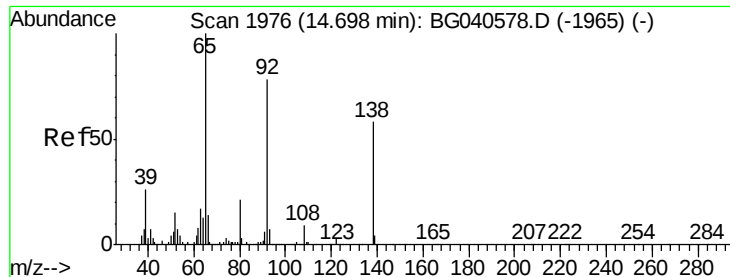


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

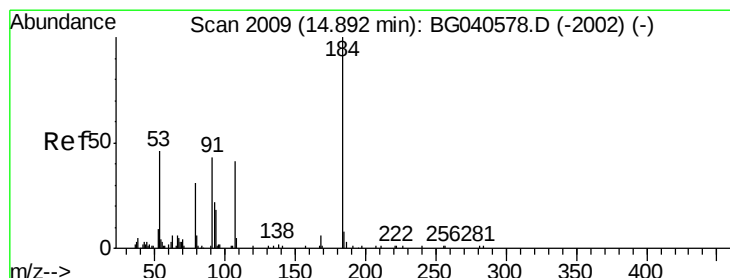
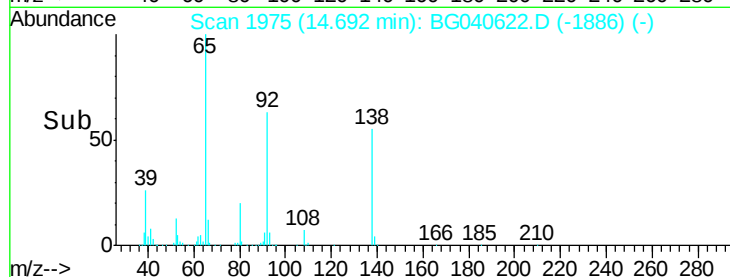
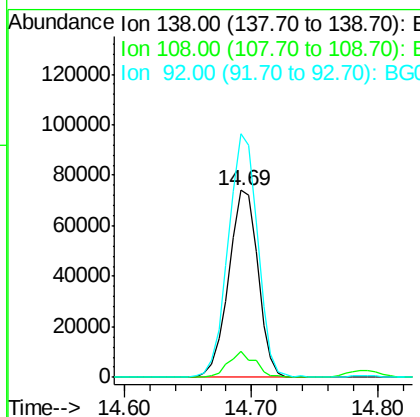
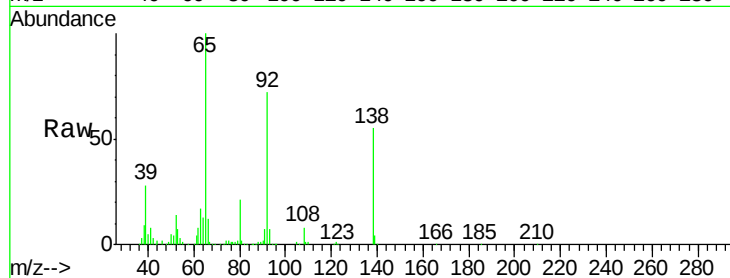




#53
 3-Nitroaniline
 Concen: 46.030 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

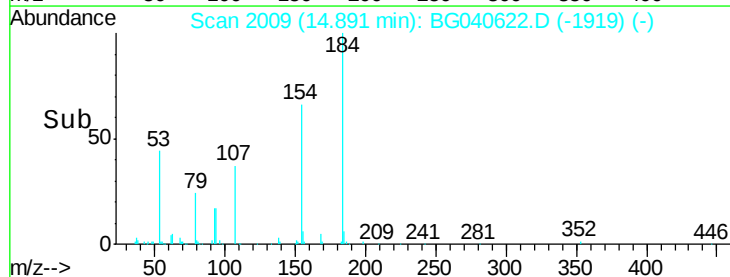
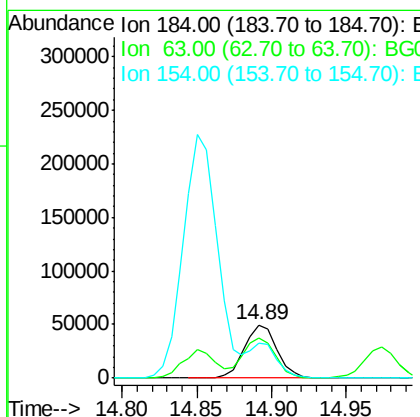
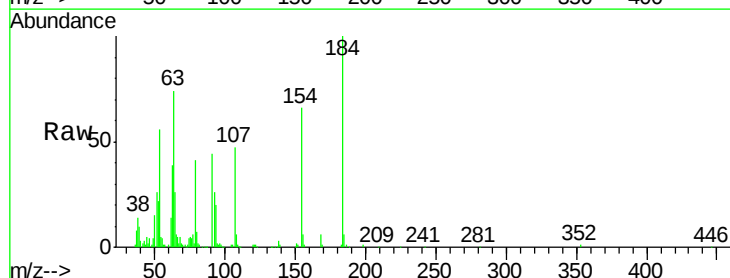
Instrument :
 BNA_G
 ClientSampleId :

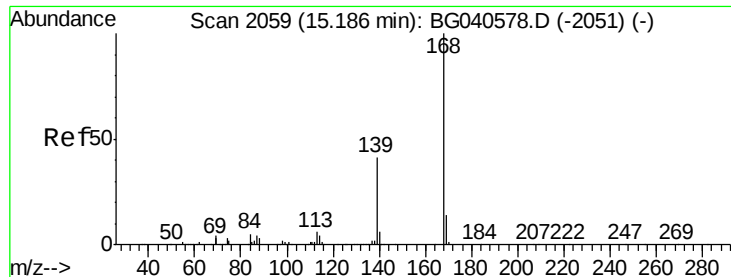
Tot Ion:138 Resp: 118084
 Ion Ratio Lower Upper
 138 100
 108 13.8 12.4 18.6
 92 130.3 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 55.467 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion:184 Resp: 74995
 Ion Ratio Lower Upper
 184 100
 63 74.5 51.8 77.6
 154 65.7 43.6 65.4#





#55

Dibenzofuran

Concen: 39.907 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

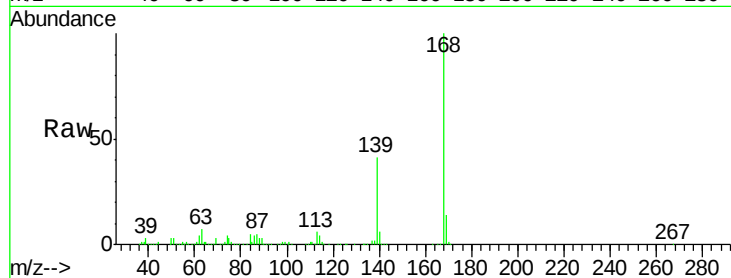
Tot Ion:168 Resp: 601678

Ion Ratio Lower Upper

168 100

139 41.3 33.0 49.4

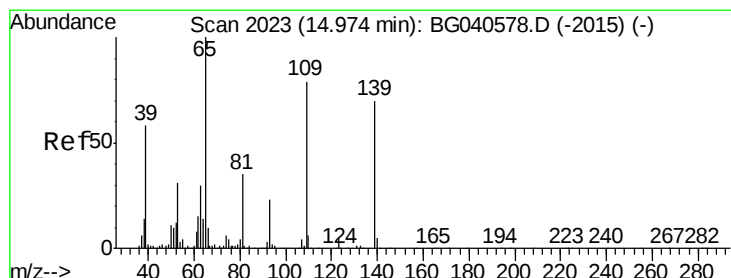
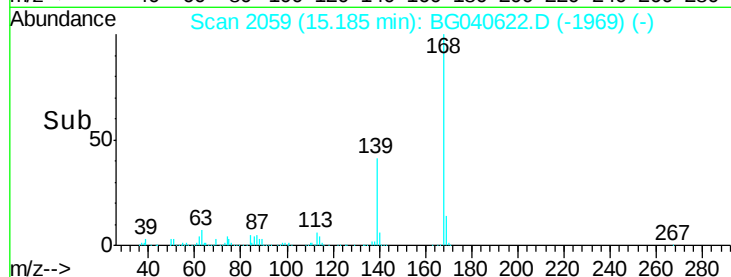
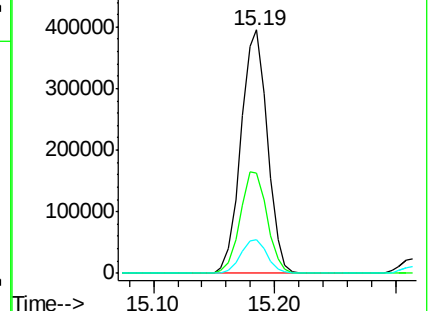
169 13.7 11.0 16.4



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: 43.337 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

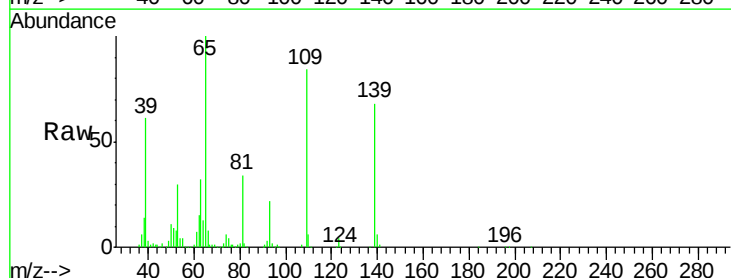
Tgt Ion:139 Resp: 96401

Ion Ratio Lower Upper

139 100

109 123.5 93.8 133.8

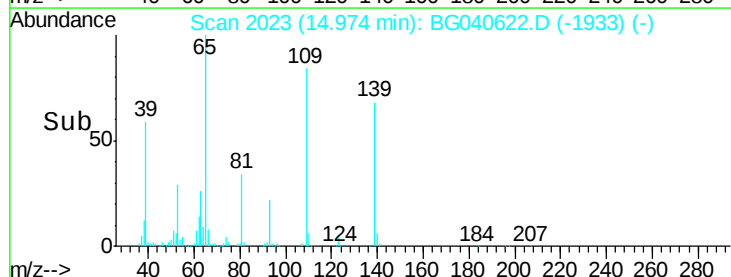
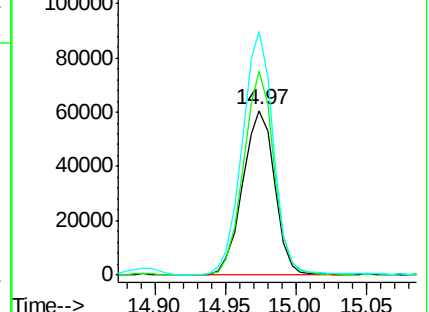
65 147.9 122.7 162.7

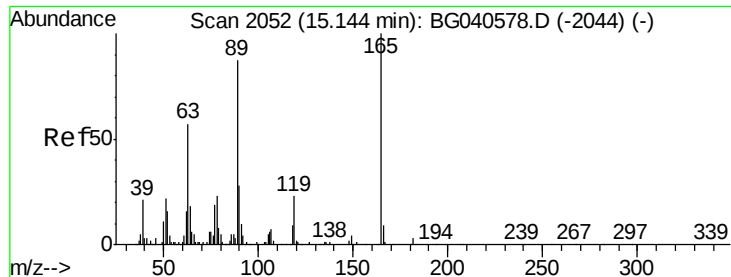


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

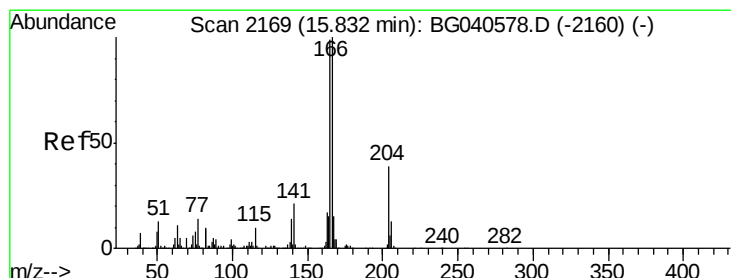
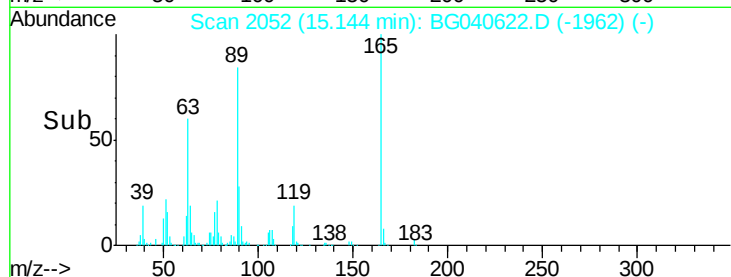
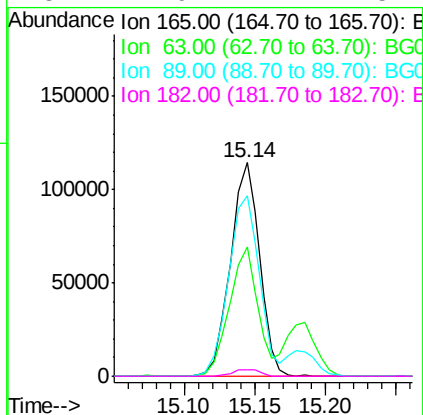
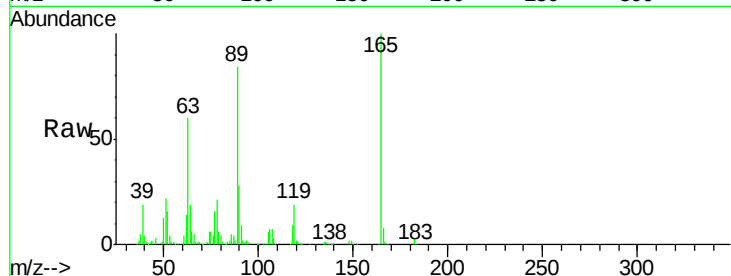




#57
 2,4-Dinitrotoluene
 Concen: 48.345 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

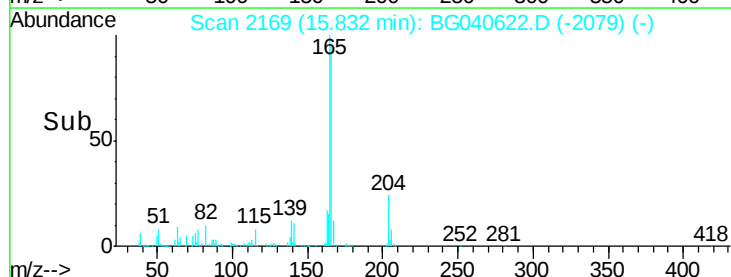
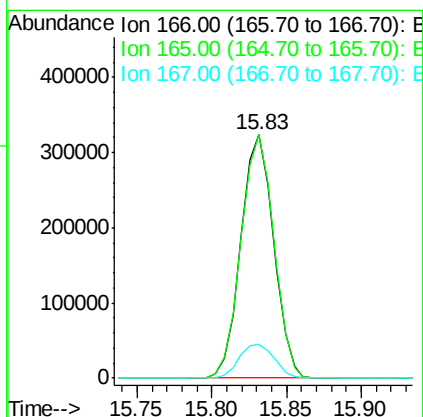
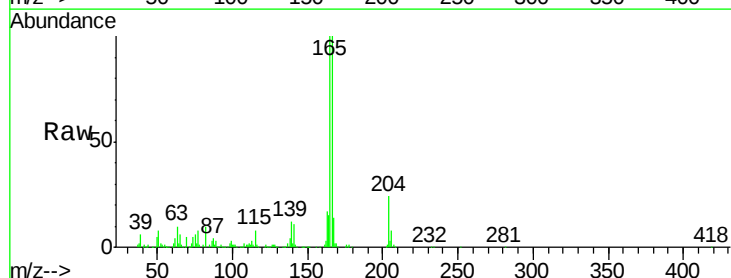
Instrument :
 BNA_G
 ClientSampleId :

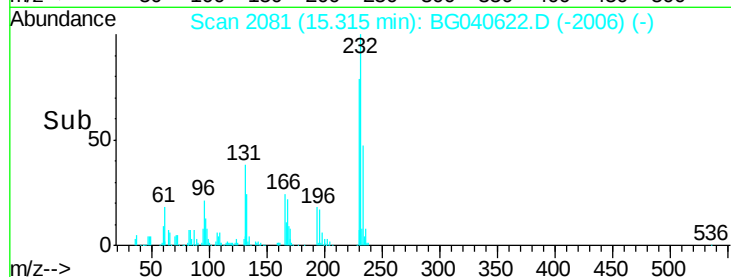
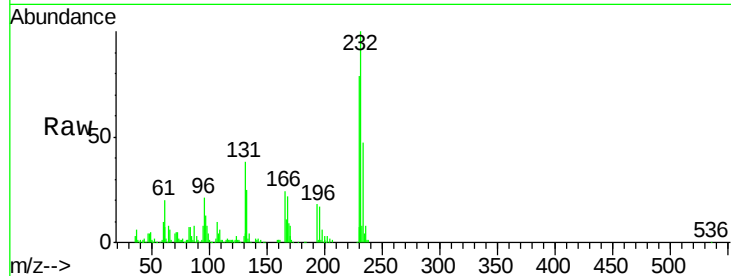
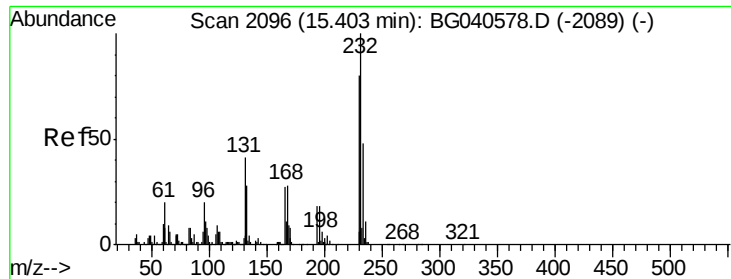
Tot Ion:165 Resp: 164478
 Ion Ratio Lower Upper
 165 100
 63 60.3 45.8 68.8
 89 84.2 69.4 104.2
 182 2.9 2.2 3.4



#58
 Fluorene
 Concen: 40.355 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion:166 Resp: 491774
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.6 119.4
 167 13.8 12.2 18.2

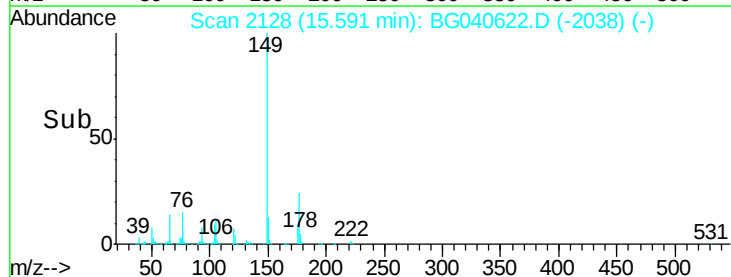
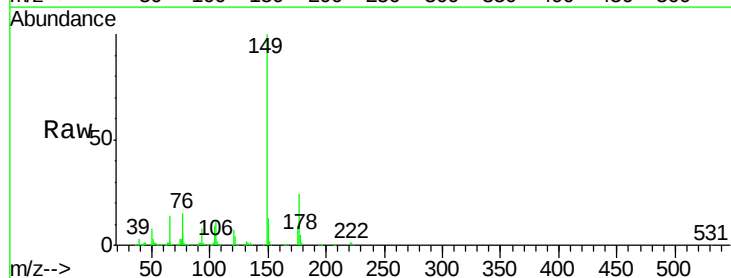
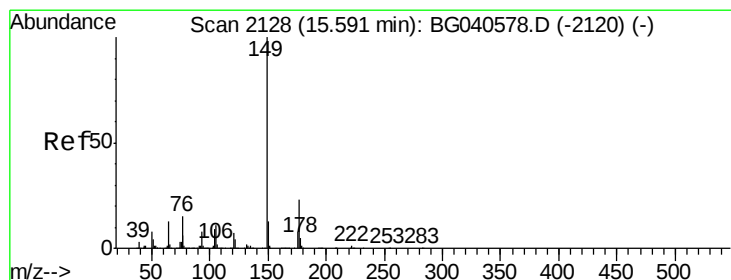
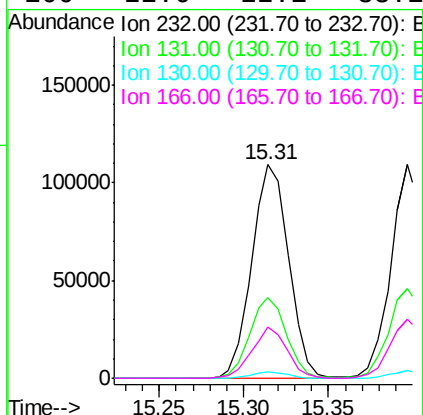




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.895 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.09 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

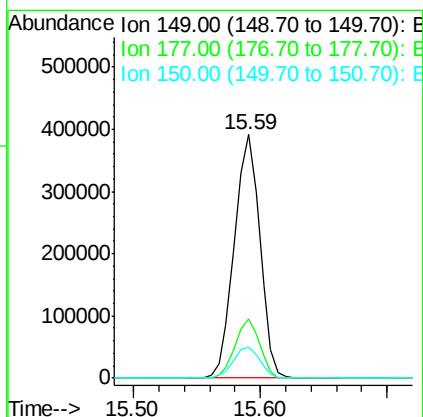
Instrument :
BNA_G
ClientSampleId :

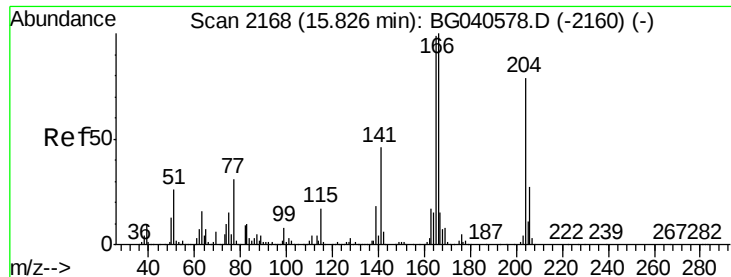
Tot Ion:232	Resp:	166127
Ion Ratio	Lower	Upper
232 100		
131 37.4	33.0	49.4
130 2.9	2.0	3.0
166 22.6	22.1	33.1



#60
Diethylphthalate
Concen: 40.156 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion	Ion:149	Resp:	543518
	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	12.5	10.2	15.4





#61

4-Chlorophenyl-phenylether

Concen: 40.909 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampled :

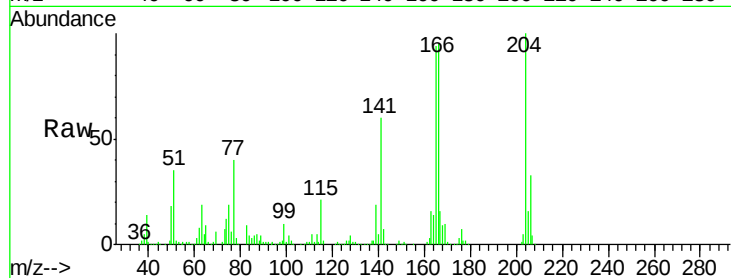
Tot Ion:204 Resp: 289945

Ion Ratio Lower Upper

204 100

206 33.2 27.4 41.2

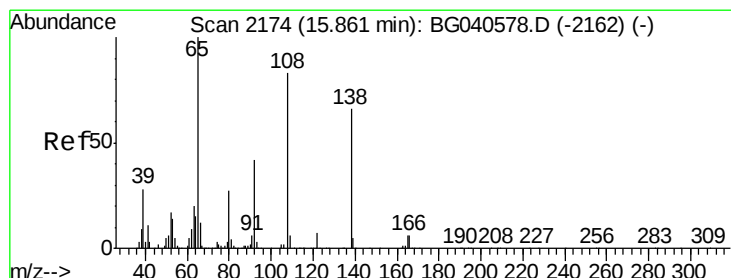
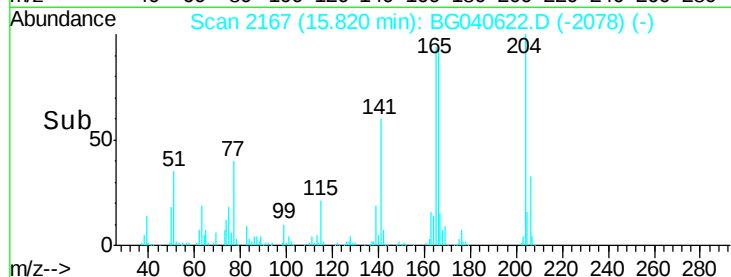
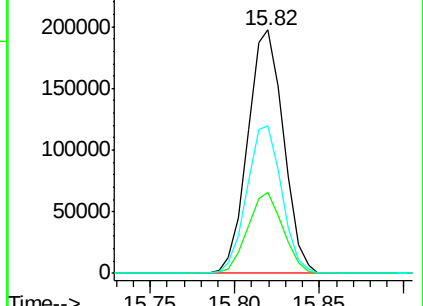
141 60.4 46.0 69.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.653 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

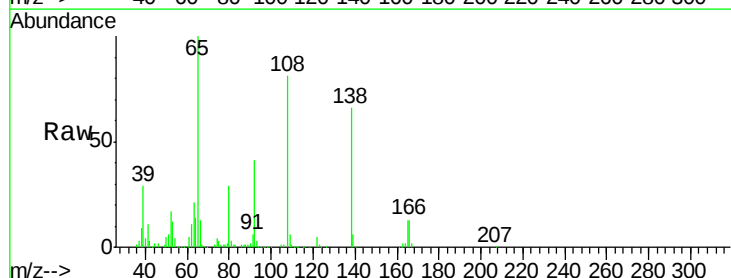
Tgt Ion:138 Resp: 128141

Ion Ratio Lower Upper

138 100

92 61.3 43.9 83.9

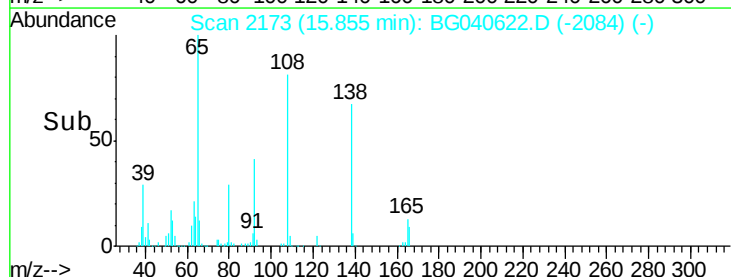
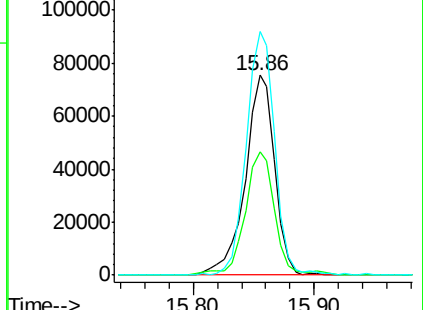
108 121.7 106.5 146.5

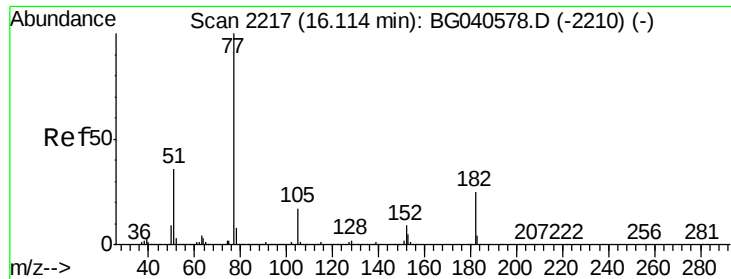


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

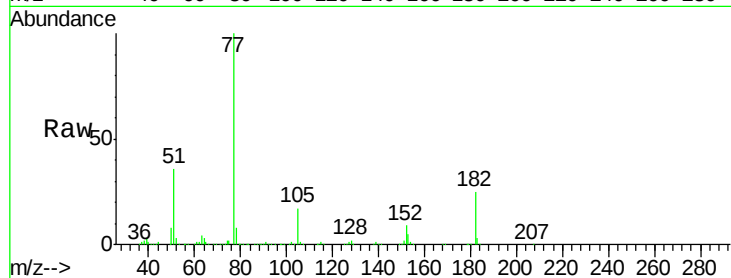




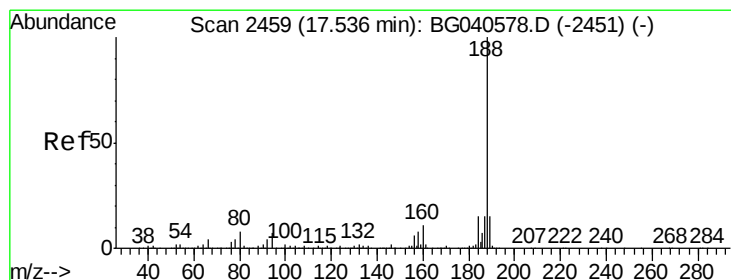
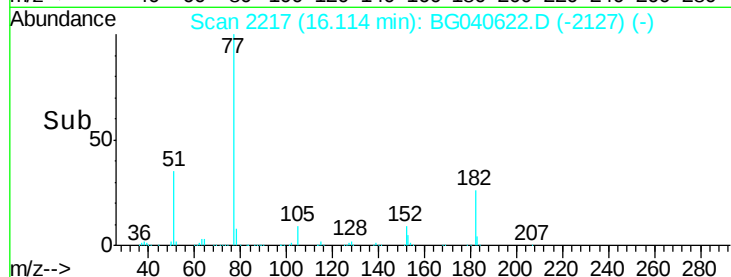
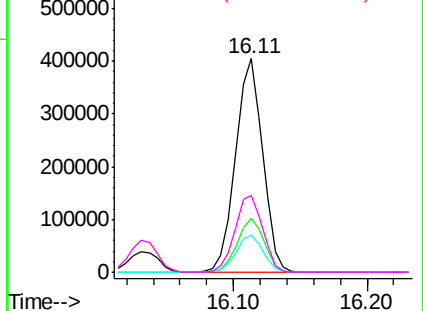
#63
Azobenzene
Concen: 40.910 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	570262
Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.0	45.0
105	17.2	0.0	37.6
51	36.3	16.3	56.3

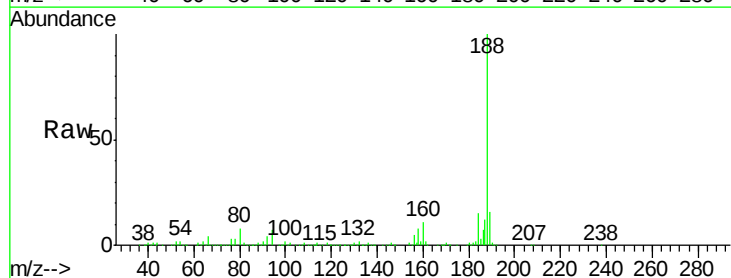


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

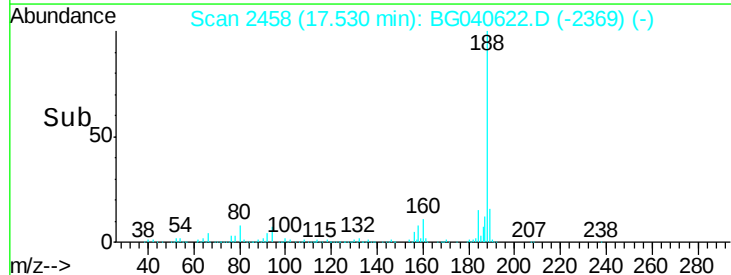
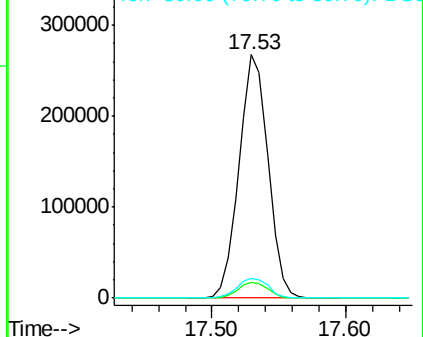


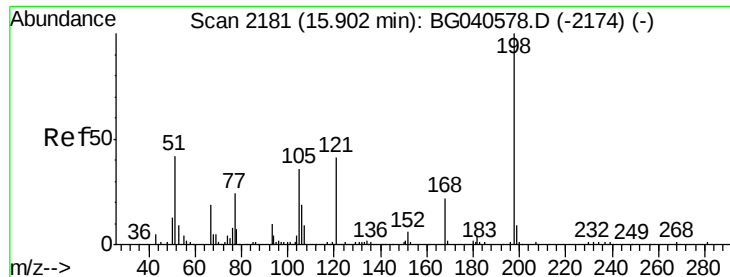
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion:	188	Resp:	400532
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.6	8.4
80	8.2	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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.830 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

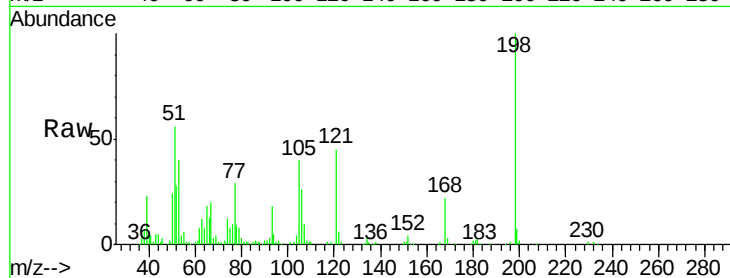
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 82755

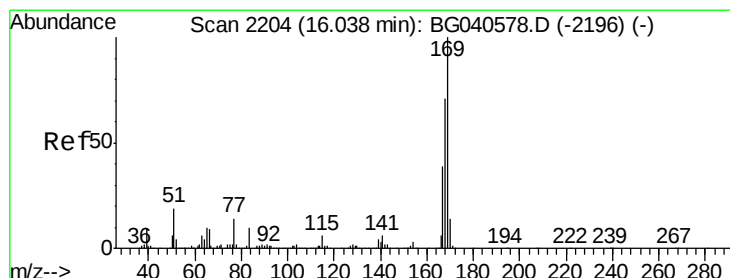
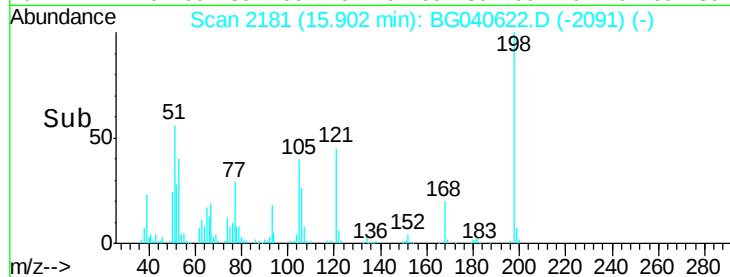
Ion	Ratio	Lower	Upper
198	100		
51	55.6	35.9	75.9
105	39.8	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.538 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

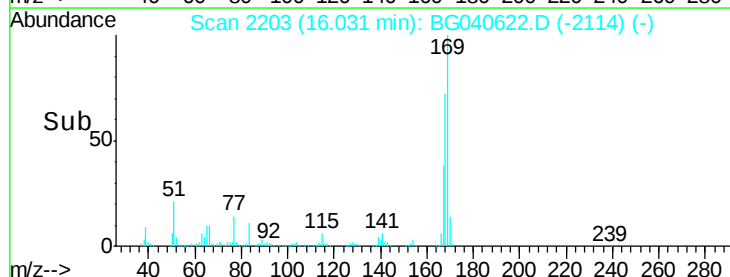
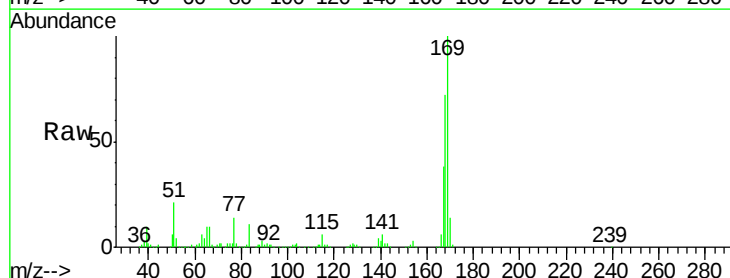
Tgt Ion:169 Resp: 442350

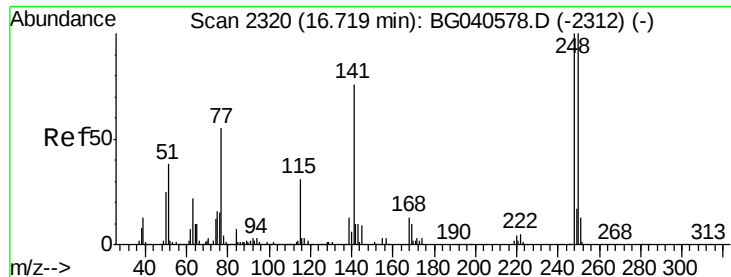
Ion	Ratio	Lower	Upper
169	100		
168	71.7	56.8	85.2
167	38.3	31.4	47.0

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

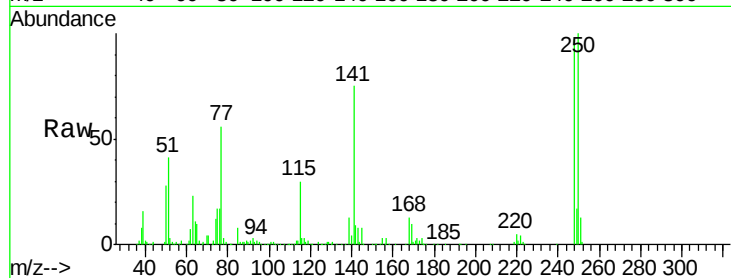




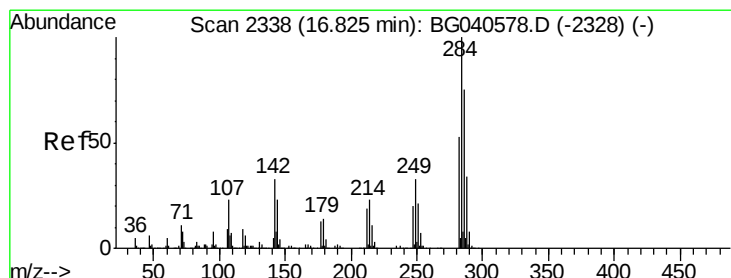
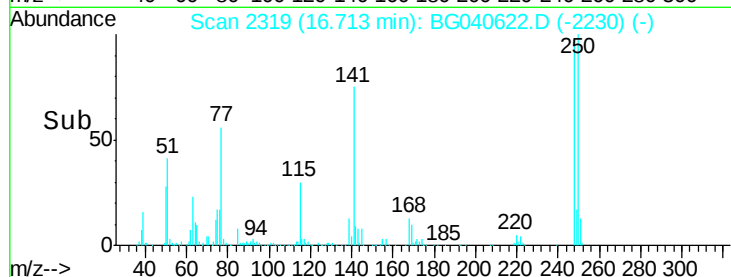
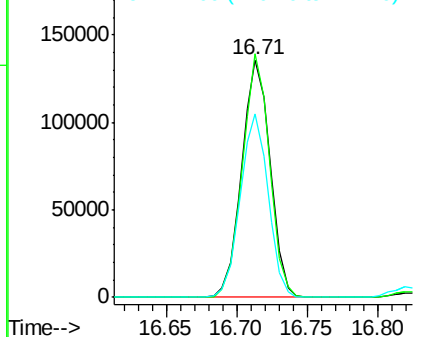
#67
4-Bromophenyl-phenylether
Concen: 38.284 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 191040
Ion Ratio Lower Upper
248 100
250 102.6 79.8 119.6
141 77.4 60.8 91.2

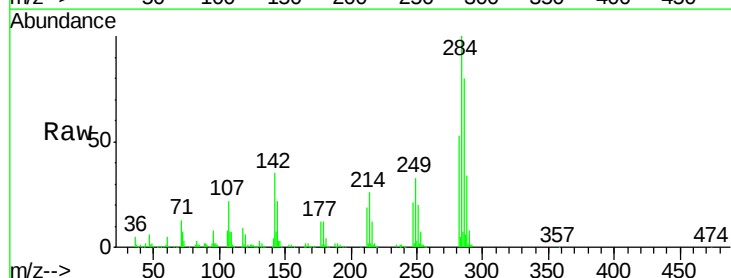


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

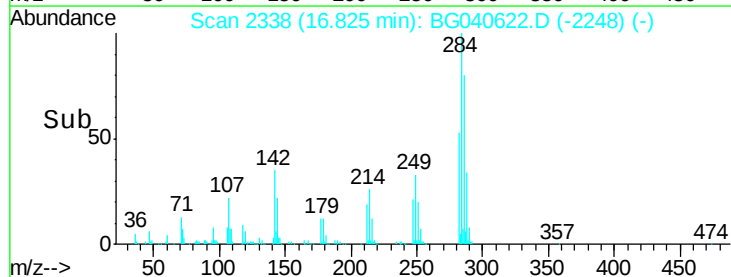
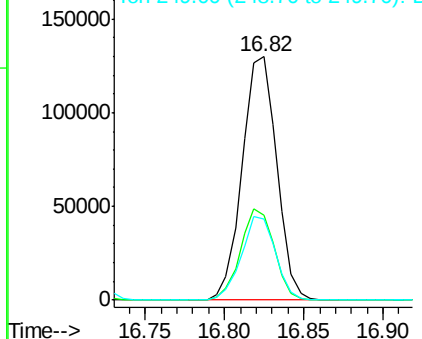


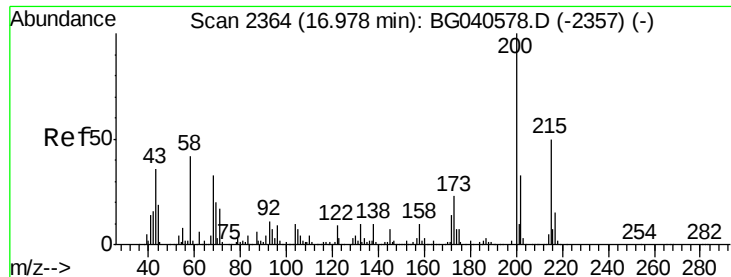
#68
Hexachlorobenzene
Concen: 38.079 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion:284 Resp: 196477
Ion Ratio Lower Upper
284 100
142 34.8 26.6 40.0
249 33.2 26.0 39.0



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

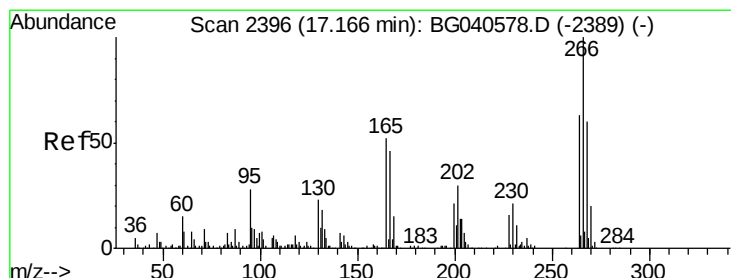
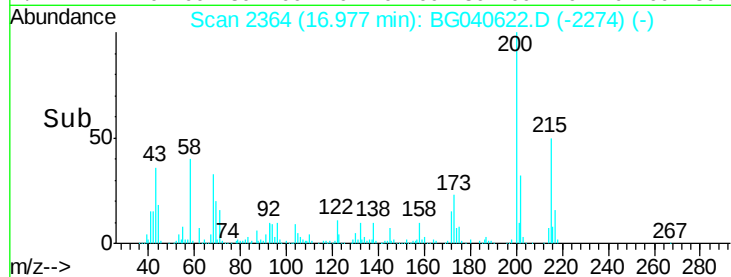
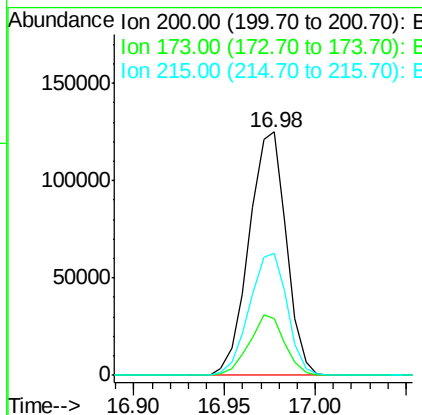
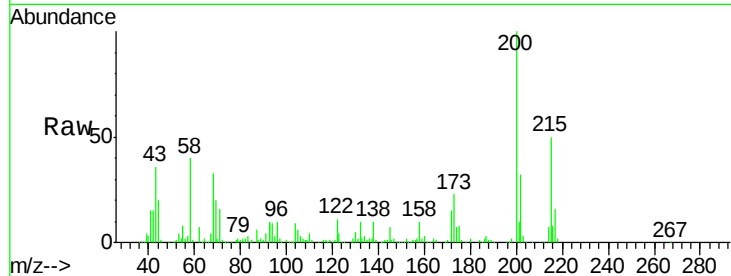




#69
 Atrazine
 Concen: 38.531 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

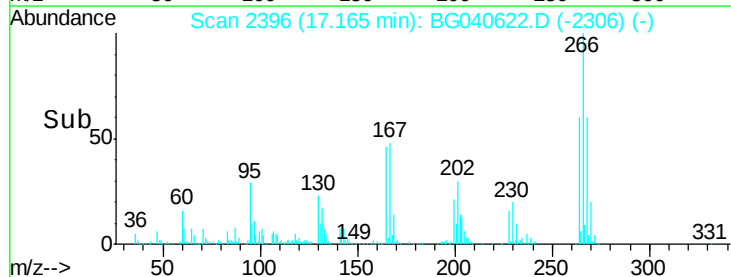
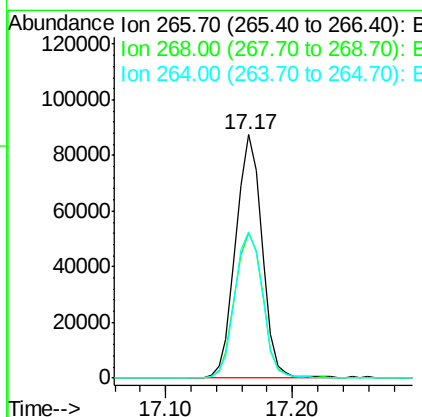
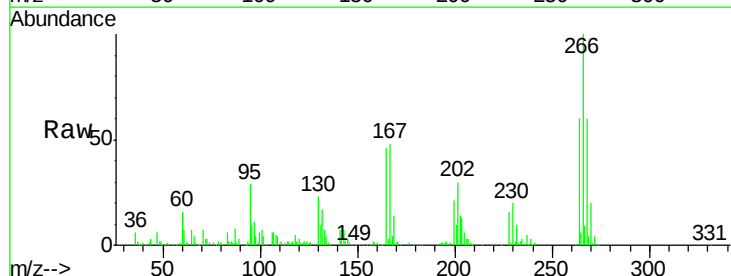
Instrument :
 BNA_G
 ClientSampleId :

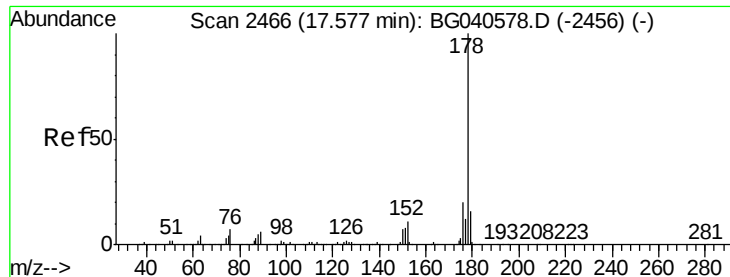
Tot Ion:200 Resp: 179894
 Ion Ratio Lower Upper
 200 100
 173 23.3 2.8 42.8
 215 50.0 30.2 70.2



#70
 Pentachlorophenol
 Concen: 41.785 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion:266 Resp: 126162
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.3 78.5
 264 60.3 50.0 75.0





#71

Phenanthrene

Concen: 38.752 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

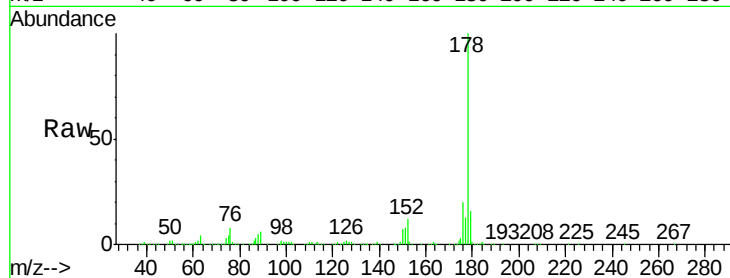
Tot Ion:178 Resp: 836015

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

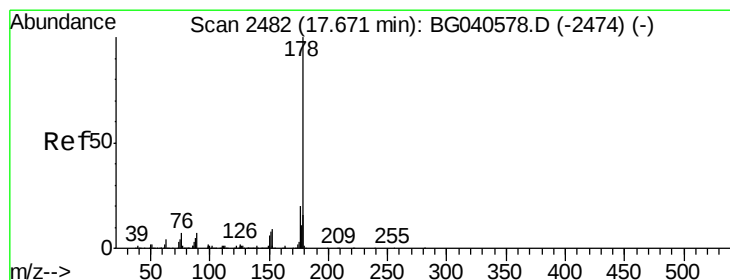
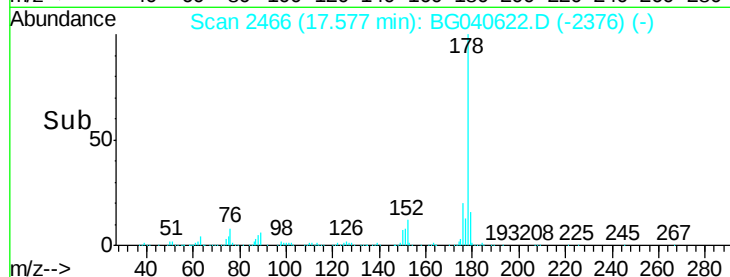
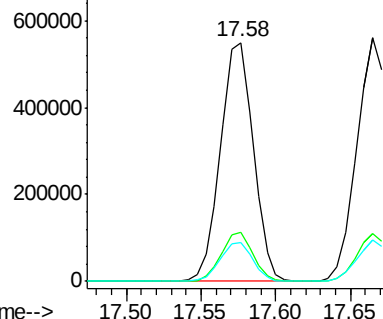
179 16.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.535 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

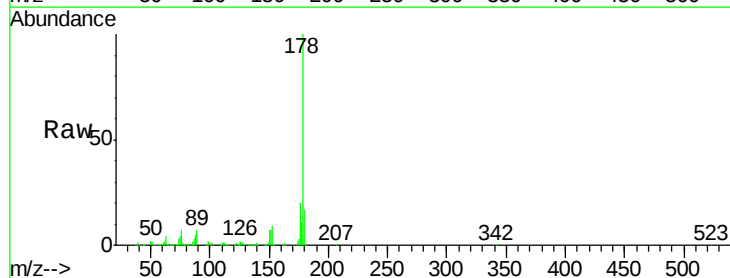
Tgt Ion:178 Resp: 835641

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

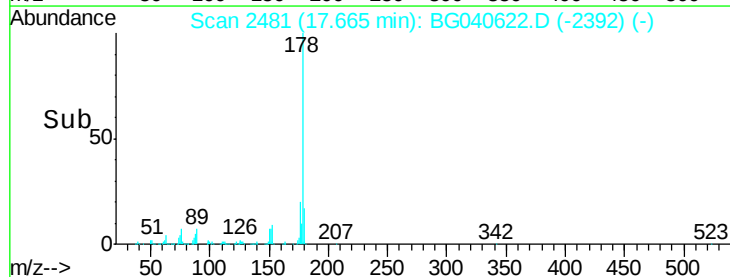
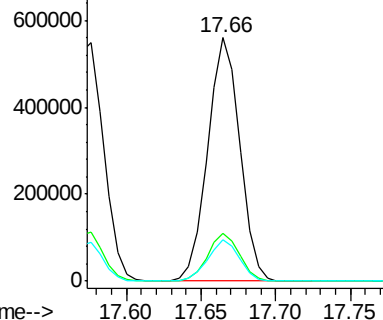
179 16.9 12.9 19.3

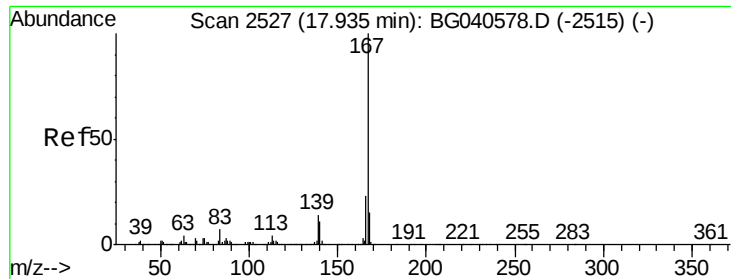


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

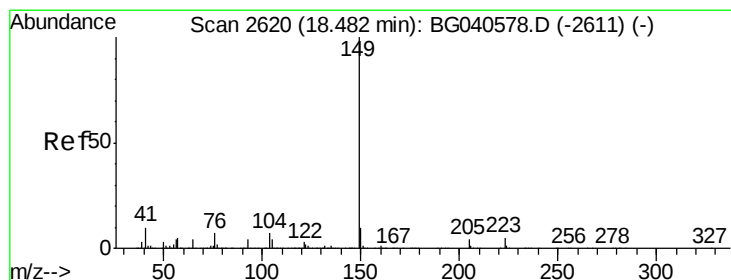
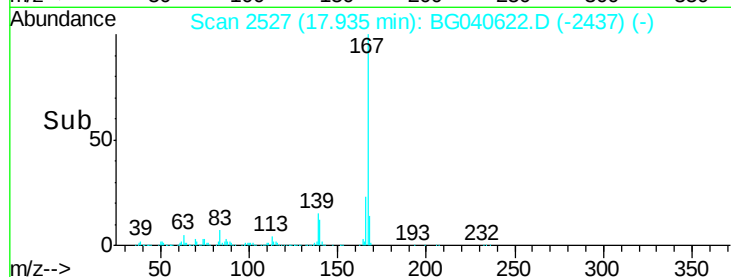
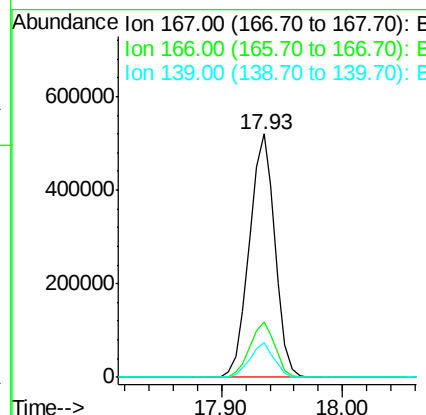
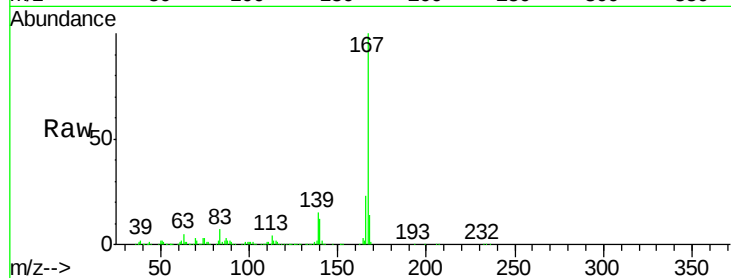




#73
 Carbazole
 Concen: 38.815 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

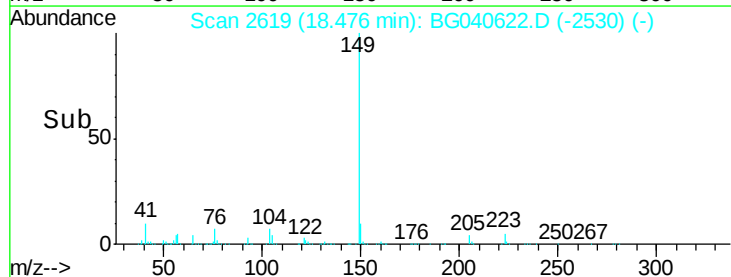
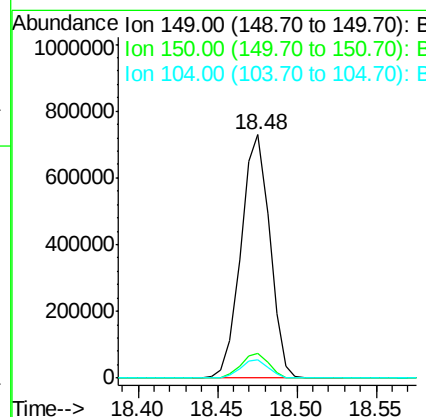
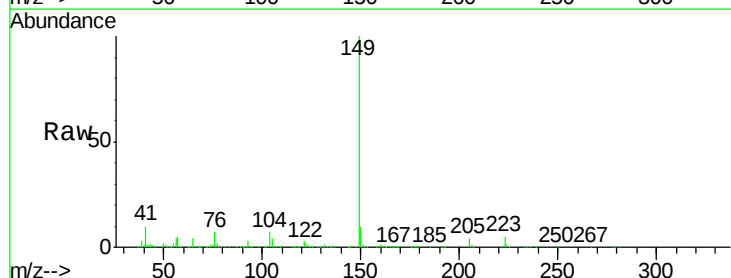
Instrument :
 BNA_G
 ClientSampleId :

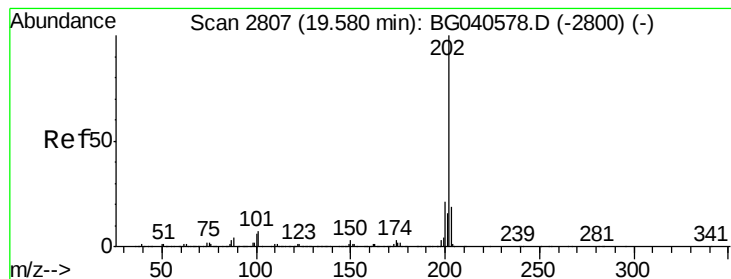
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	14.6	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 38.566 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040622.D
 Acq: 26 Apr 2019 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	7.4	5.4	8.2





#75

Fluoranthene

Concen: 39.859 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

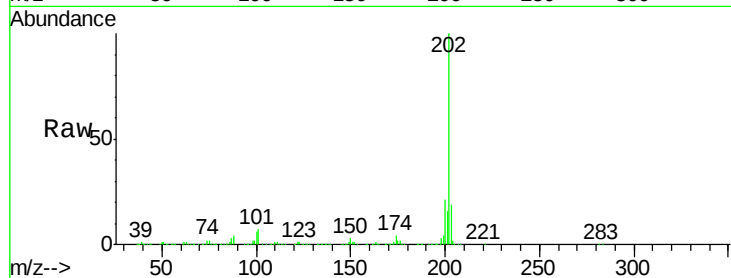
Tot Ion:202 Resp: 1071572

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.5

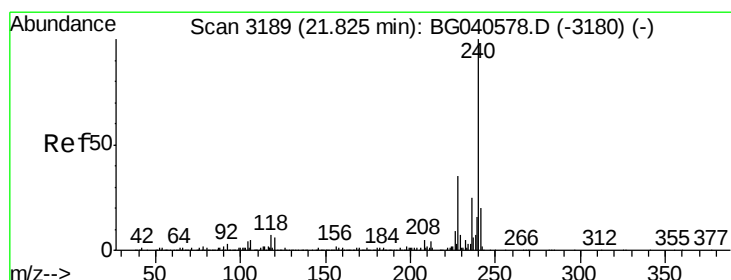
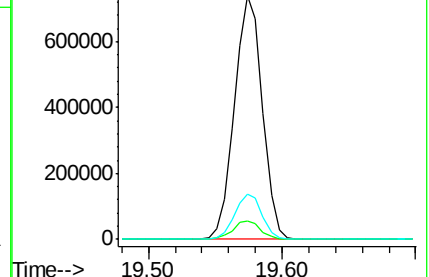
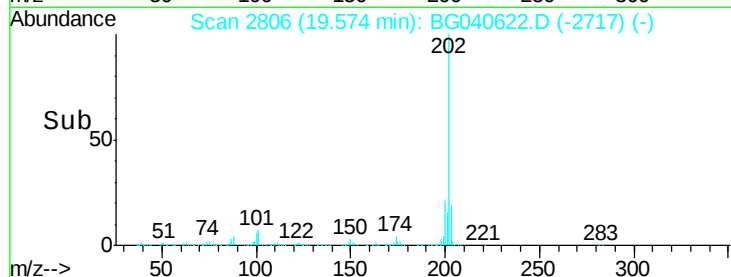
203 18.7 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

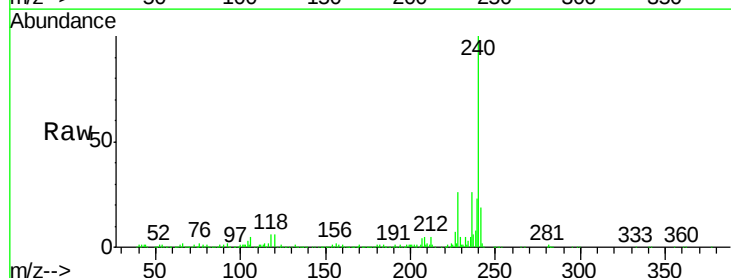
Tgt Ion:240 Resp: 386247

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.6

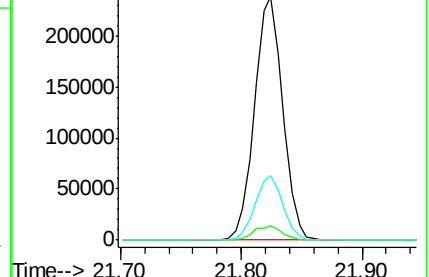
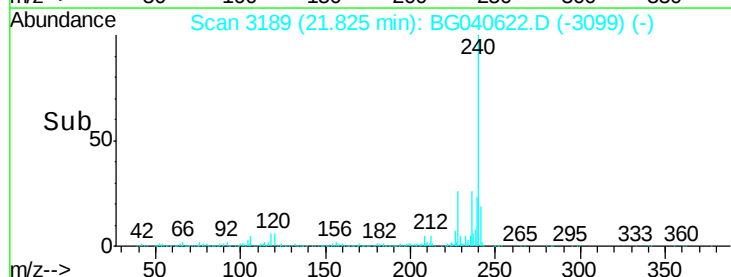
236 26.4 20.3 30.5

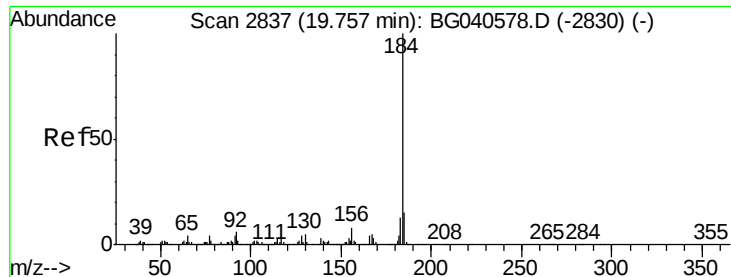


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.376 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

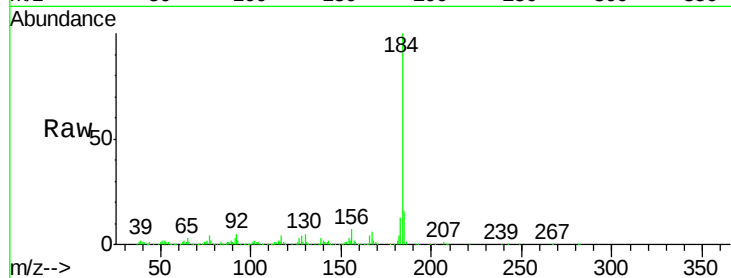
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 479884

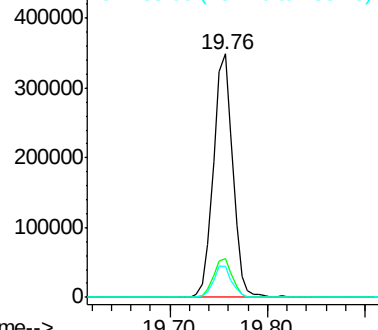
Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.8
183	13.0	10.2	15.2



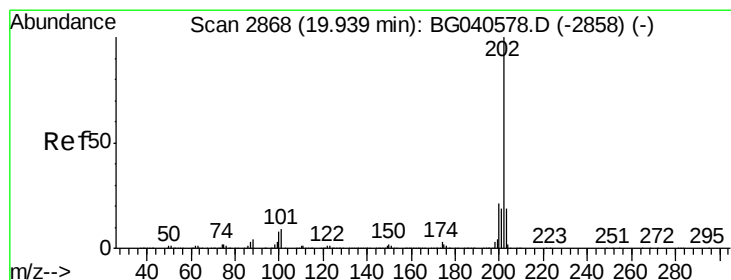
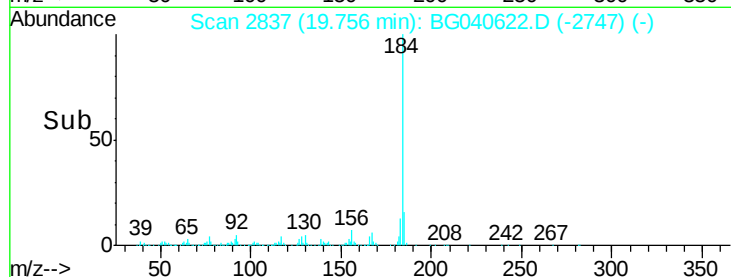
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.336 ng

RT: 19.94 min Scan# 2868

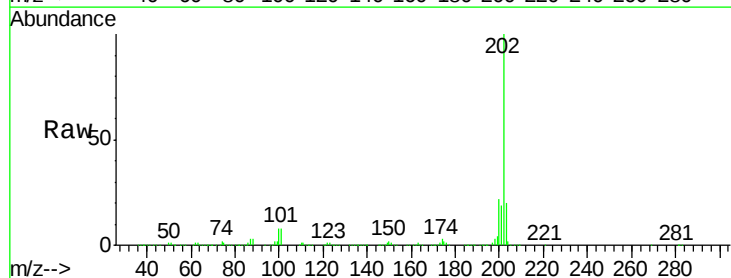
Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Tgt Ion:202 Resp: 1073307

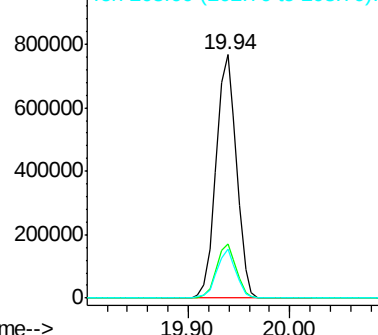
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	20.4	15.0	22.4



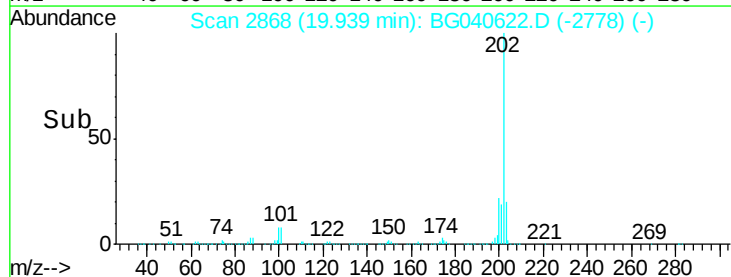
Abundance Ion 202.00 (201.70 to 202.70): E

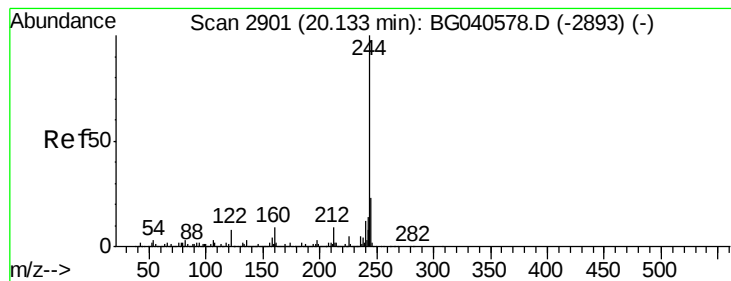
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 89.177 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampled :

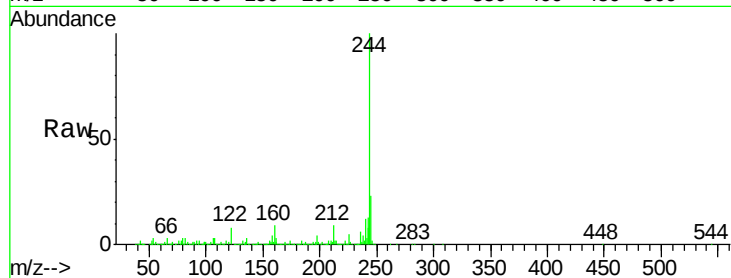
Tot Ion:244 Resp: 1554747

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	8.3	6.6	10.0

244 100

212 9.1 7.2 10.8

122 8.3 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

20.13

1500000

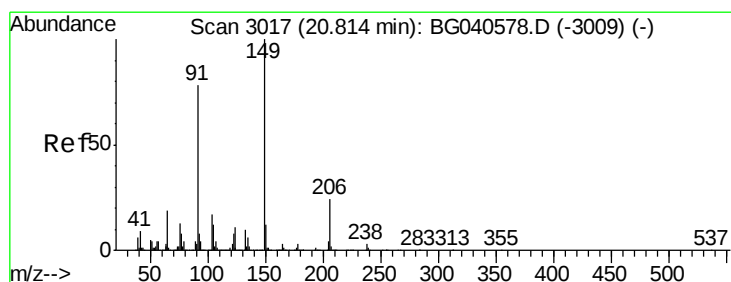
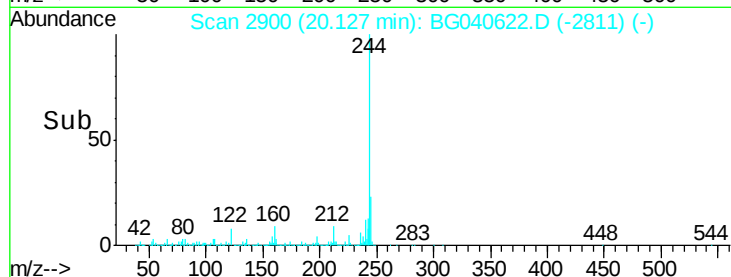
1000000

500000

0

Time-->

20.10 20.20



#80

Butylbenzylphthalate

Concen: 43.841 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

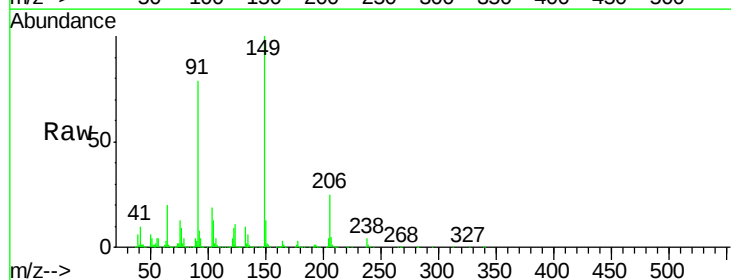
Tgt Ion:149 Resp: 413646

Ion	Ratio	Lower	Upper
149	100		
91	79.4	62.6	93.8
206	25.4	19.4	29.2

149 100

91 79.4 62.6 93.8

206 25.4 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

20.81

400000

300000

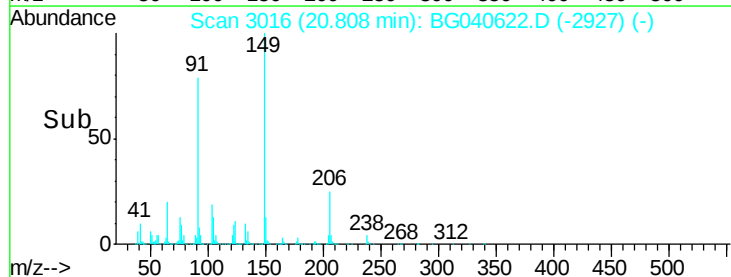
200000

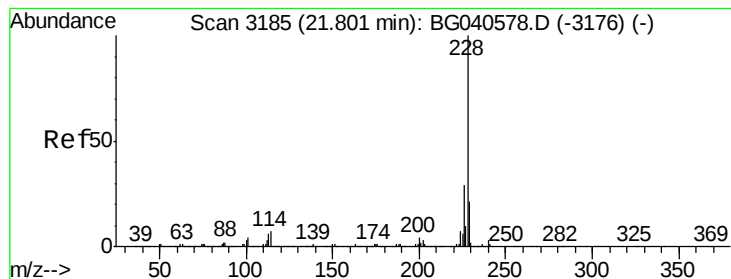
100000

0

Time-->

20.75 20.80 20.85





#81

Benzo(a)anthracene

Concen: 43.124 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

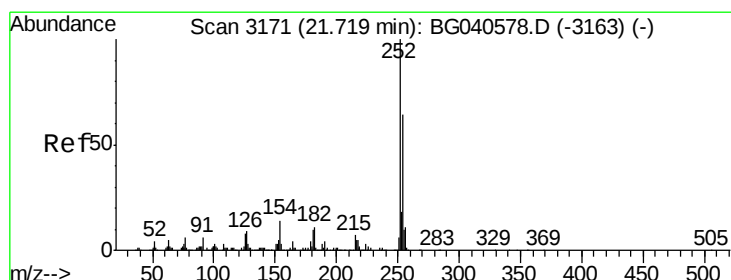
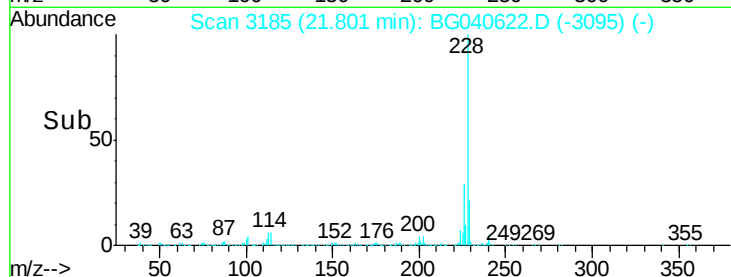
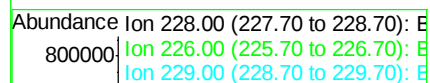
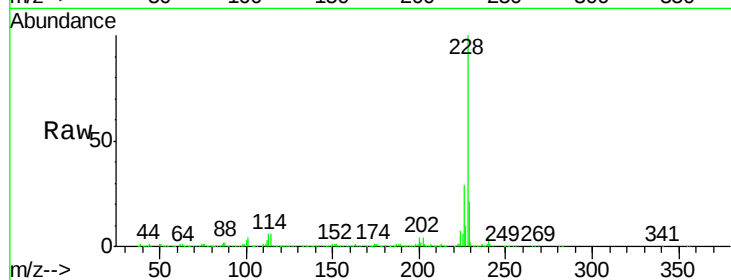
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1052706

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	21.2	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 43.322 ng

RT: 21.71 min Scan# 3170

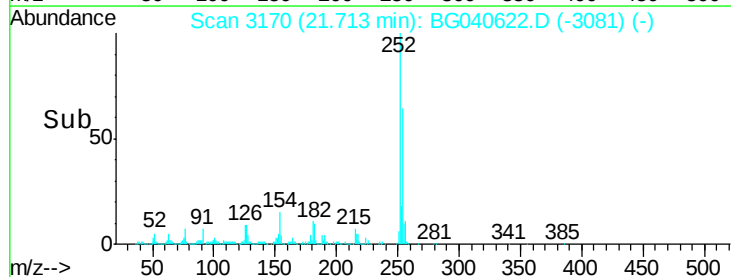
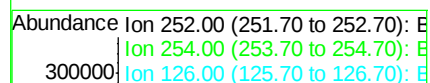
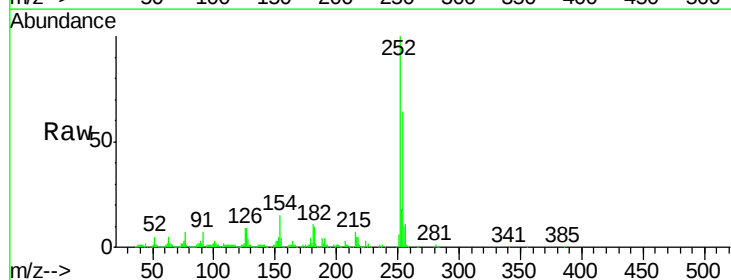
Delta R.T. -0.01 min

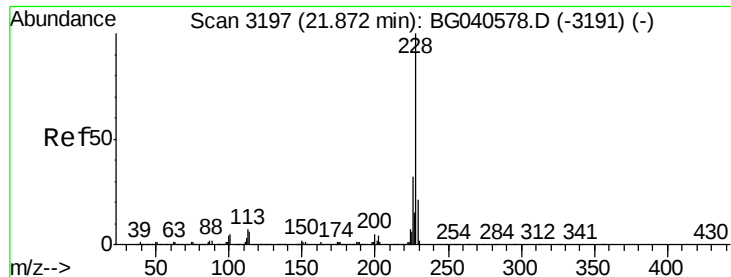
Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Tgt Ion:252 Resp: 376935

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.2	76.8
126	9.4	6.6	10.0





#83

Chrvsene

Concen: 43.294 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

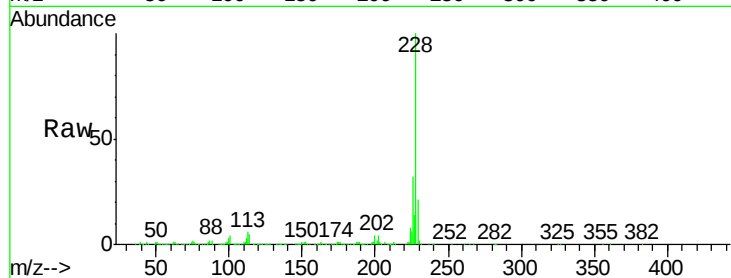
Tot Ion:228 Resp: 1005092

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	20.6	16.8	25.2

228 100

226 32.4 25.5 38.3

229 20.6 16.8 25.2

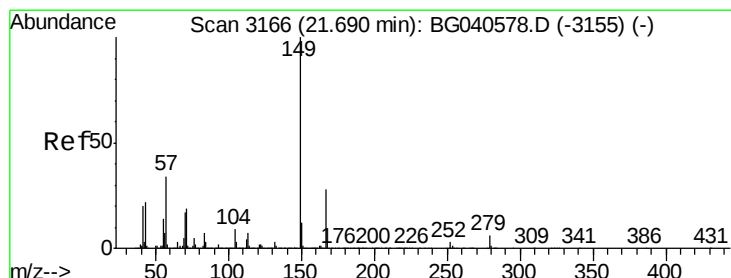
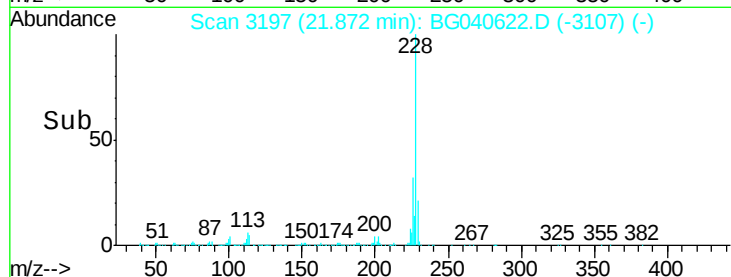
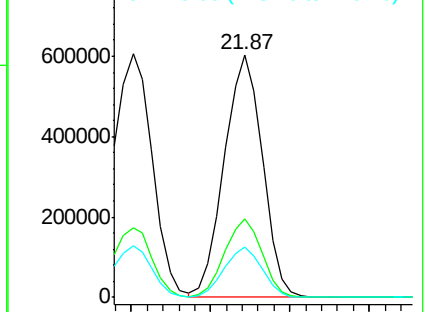


Abundance

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: 42.050 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

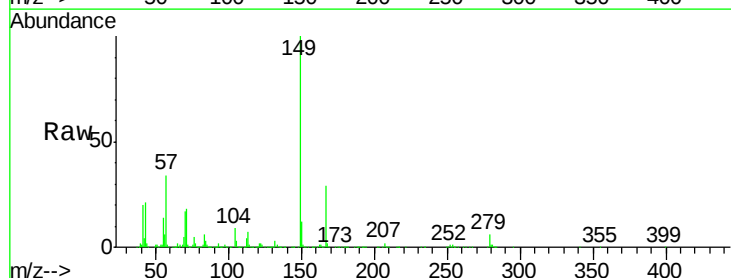
Tgt Ion:149 Resp: 572721

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.4	33.6
279	5.9	4.6	6.8

149 100

167 29.3 22.4 33.6

279 5.9 4.6 6.8

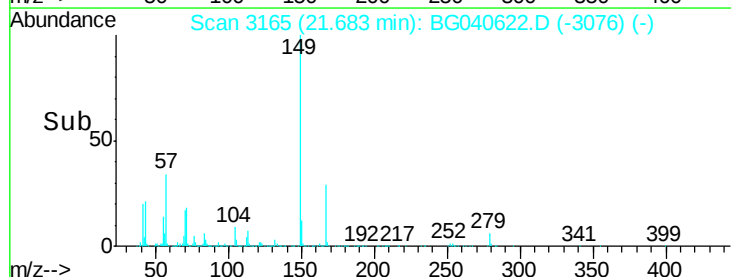
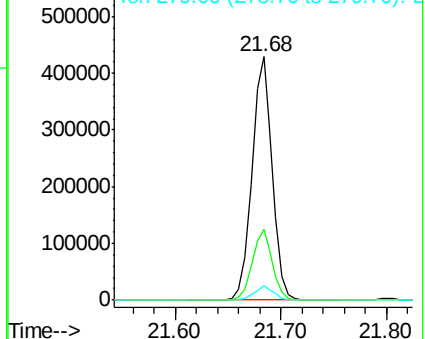


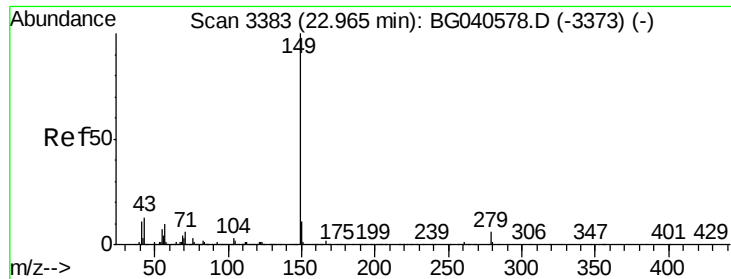
Abundance

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: 41.753 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

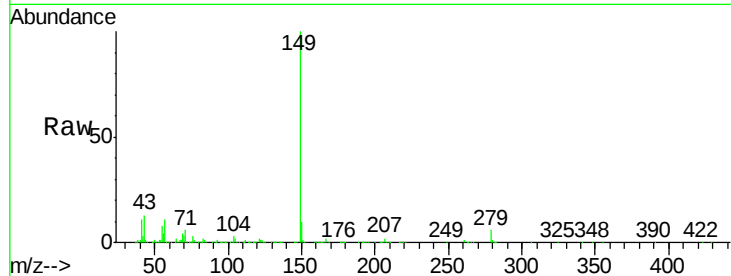
Tot Ion:149 Resp: 957708

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

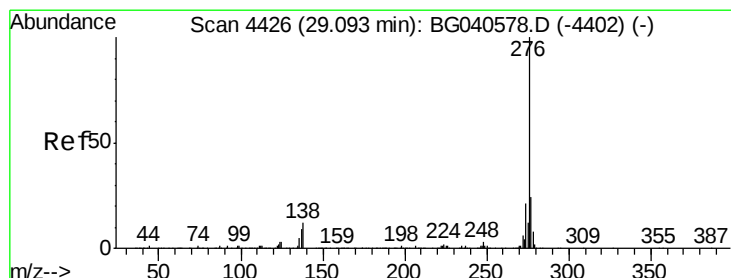
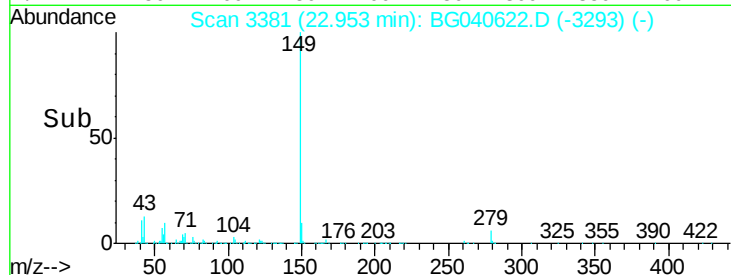
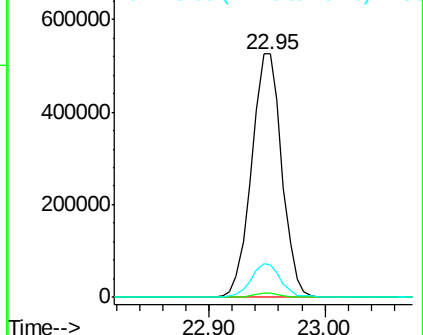
43 13.5 10.2 15.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.476 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.02 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

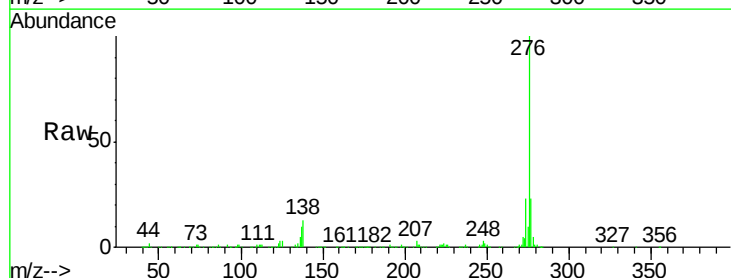
Tgt Ion:276 Resp: 1192248

Ion Ratio Lower Upper

276 100

138 6.2 9.8 14.6#

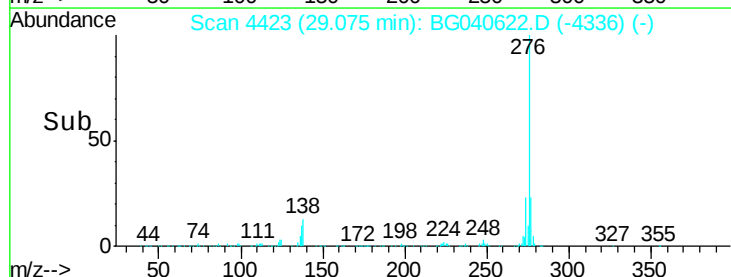
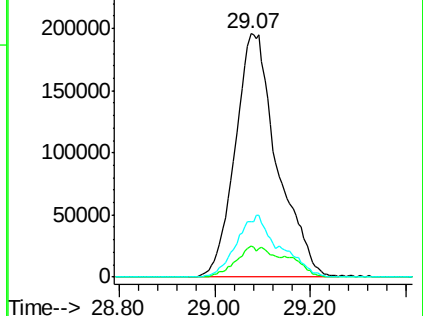
277 26.0 17.3 25.9#

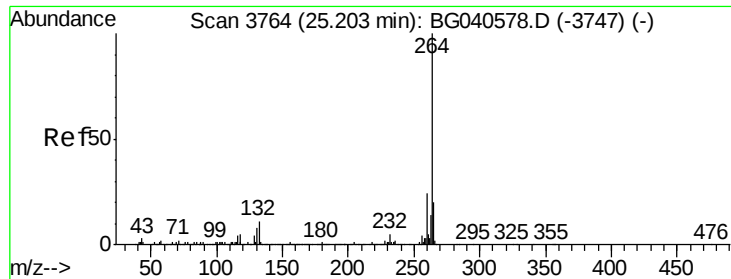


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

Instrument :

BNA_G

ClientSampleId :

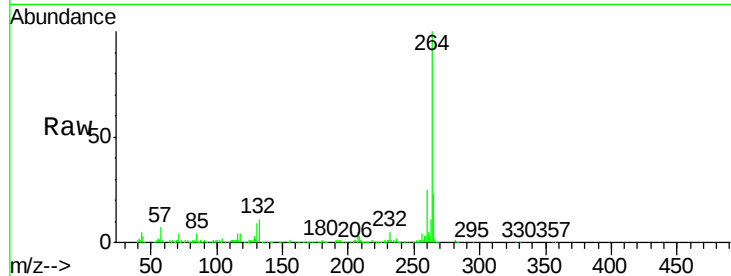
Tot Ion:264 Resp: 409608

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

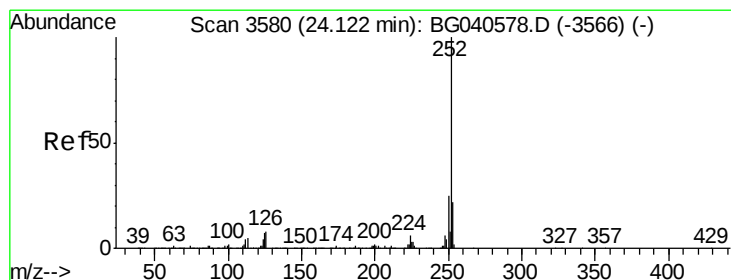
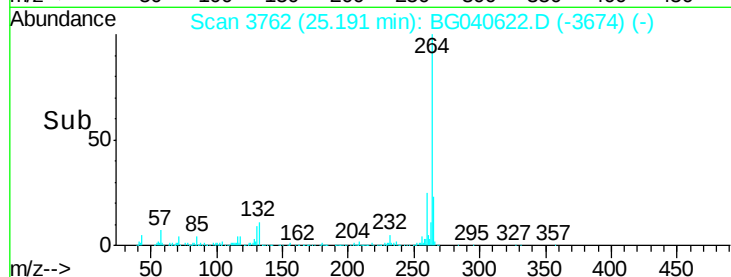
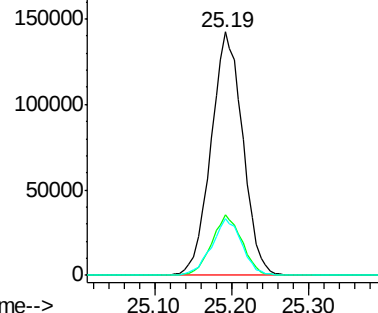
265 23.1 16.6 25.0



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: 40.774 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040622.D

Acq: 26 Apr 2019 10:33

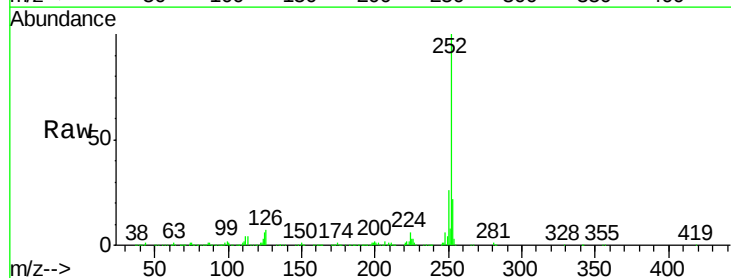
Tgt Ion:252 Resp: 1020599

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

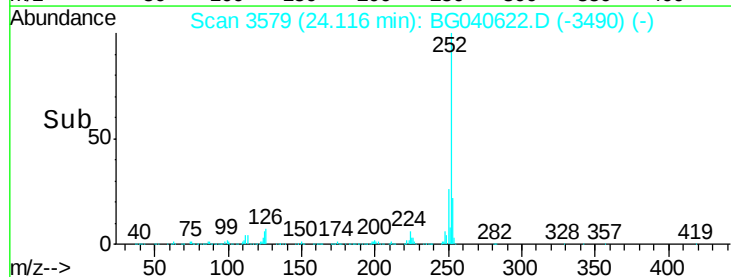
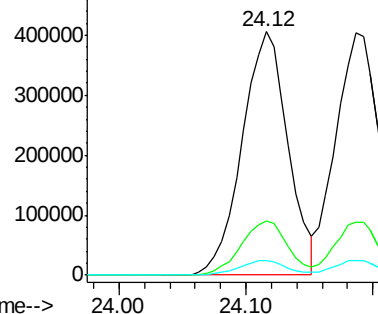
125 6.2 5.4 8.0

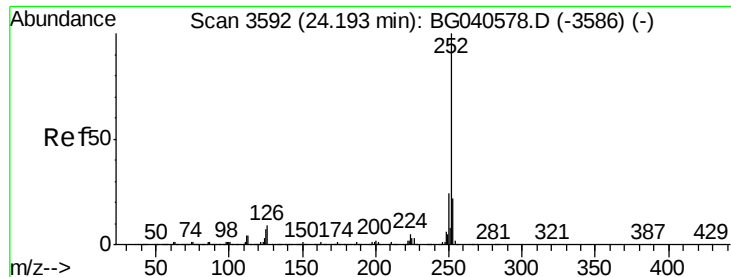


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

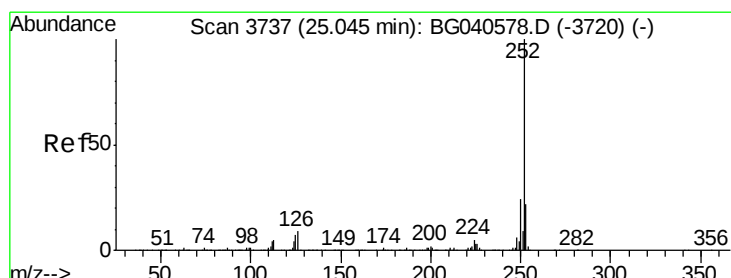
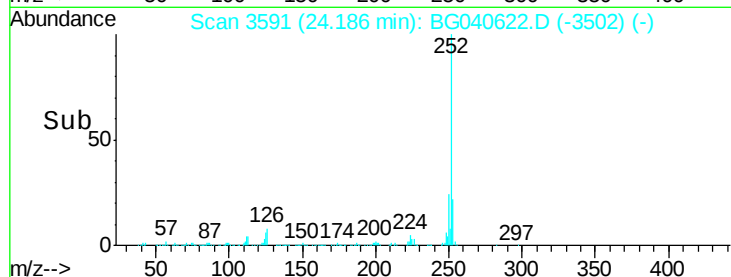
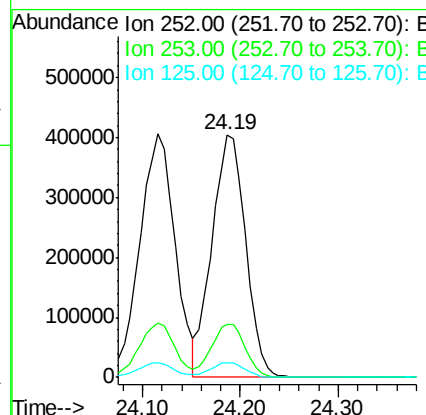
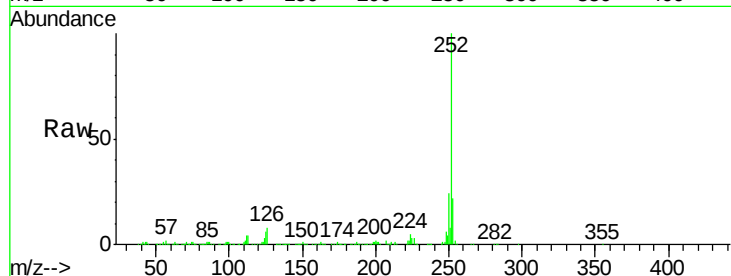




#89
Benzo(k)fluoranthene
Concen: 41.224 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

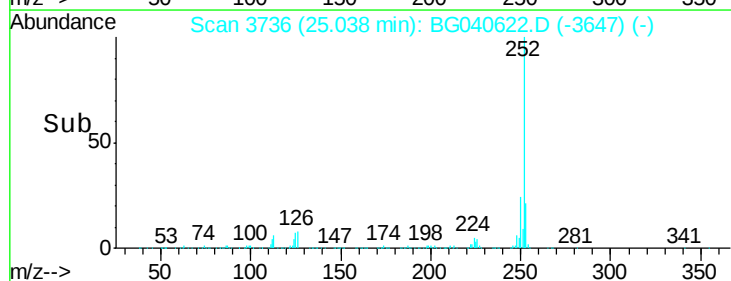
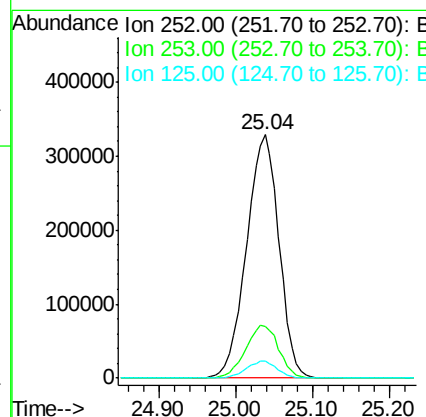
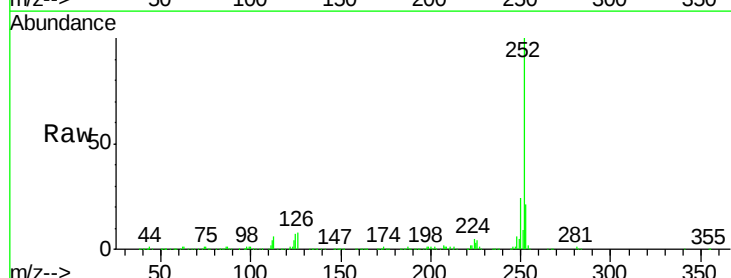
Instrument :
BNA_G
ClientSampled :

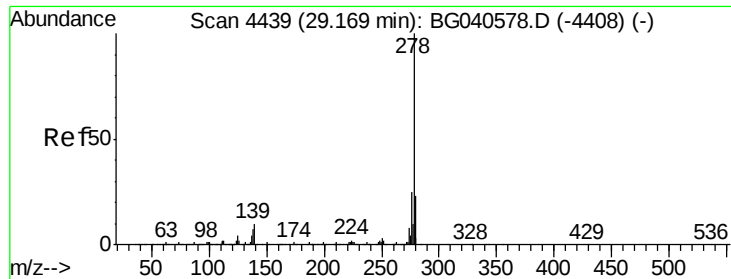
Tot Ion:252 Resp: 963646
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 6.0 5.5 8.3



#90
Benzo(a)pyrene
Concen: 40.848 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion:252 Resp: 967841
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 7.0 5.7 8.5

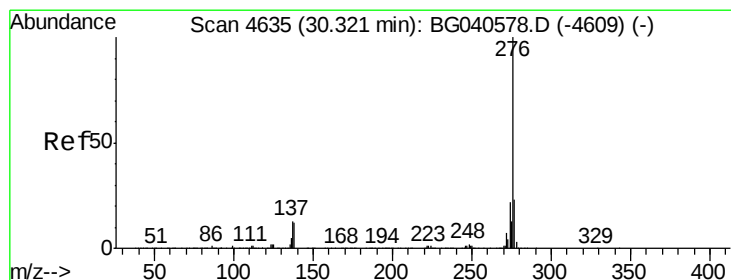
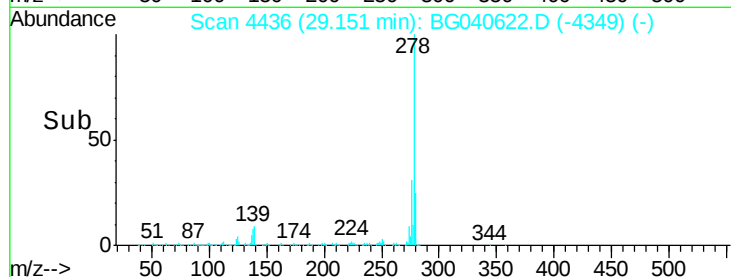
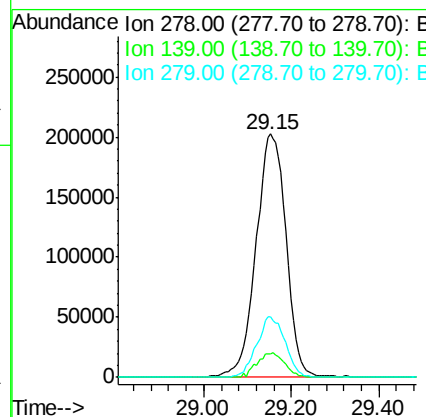
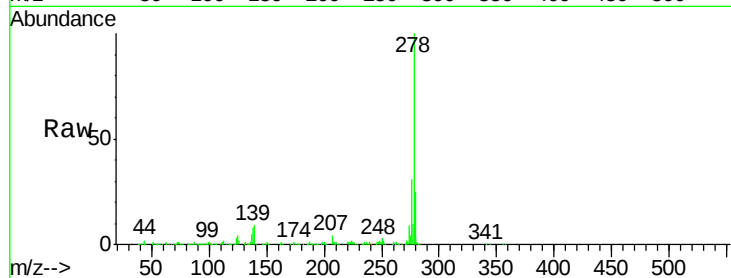




#91
Dibenzo(a,h)anthracene
Concen: 39.628 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.02 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 950153
Ion Ratio Lower Upper
278 100
139 9.4 8.2 12.4
279 24.9 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 40.149 ng
RT: 30.31 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG040622.D
Acq: 26 Apr 2019 10:33

Tgt Ion:276 Resp: 958071
Ion Ratio Lower Upper
276 100
277 24.9 18.4 27.6
138 13.7 9.8 14.6

