

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
 Data File : BG040670.D
 Acq On : 29 Apr 2019 20:27
 Operator : JU/SJ
 Sample : PB119049BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:48:56 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	47682	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	178893	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	125305	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	345604	20.00	ng	0.00
76) Chrysene-d12	21.82	240	413905	20.00	ng	0.00
87) Perylene-d12	25.18	264	402799	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	233735	86.41	ng	0.00
7) Phenol-d6	7.29	99	328755	78.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	318678	82.31	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	154674	89.80	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	658297	75.87	ng	0.00
79) Terphenyl-d14	20.12	244	1389907	74.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	52779	42.904	ng	96
3) Pyridine	3.95	79	134150	37.623	ng	100
4) n-Nitrosodimethylamine	3.87	42	72441	36.628	ng	# 93
6) Aniline	7.47	93	133581	24.198	ng	99
8) 2-Chlorophenol	7.71	128	134474	40.714	ng	96
9) Benzaldehyde	7.29	77	33226	8.842	ng	91
10) Phenol	7.32	94	187115	41.795	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	123805	36.877	ng	98
12) 1,3-Dichlorobenzene	8.04	146	139855	38.794	ng	98
13) 1,4-Dichlorobenzene	8.19	146	142257	38.926	ng	98
14) 1,2-Dichlorobenzene	8.51	146	134686	38.215	ng	98
15) Benzyl Alcohol	8.38	79	156316	36.071	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231339	34.611	ng	99
17) 2-Methylphenol	8.58	107	126638	39.970	ng	97
18) Hexachloroethane	9.24	117	57151	38.123	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	124172	33.120	ng	99
20) 3+4-Methylphenols	8.91	107	173087	39.216	ng	98
22) Acetophenone	8.98	105	214747	43.169	ng	# 96
24) Nitrobenzene	9.37	77	184674	44.706	ng	99
25) Isophorone	9.89	82	335775	38.935	ng	100
26) 2-Nitrophenol	10.08	139	71206	48.089	ng	# 80
27) 2,4-Dimethylphenol	10.12	122	139952	50.375	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	178368	41.224	ng	94
29) 2,4-Dichlorophenol	10.61	162	148105	46.891	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	154832	44.205	ng	99
31) Naphthalene	11.03	128	411154	43.261	ng	99
32) Benzoic acid	10.24	122	102265	53.770	ng	99
33) 4-Chloroaniline	11.13	127	84565	20.068	ng	99
34) Hexachlorobutadiene	11.29	225	111663	43.183	ng	97
35) Caprolactam	11.91	113	32487	26.052	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	178731	44.857	ng	97
37) 2-Methylnaphthalene	12.62	142	303629	42.729	ng	98
38) 1-Methylnaphthalene	12.84	142	284320	40.935	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	203393	43.572	ng	99

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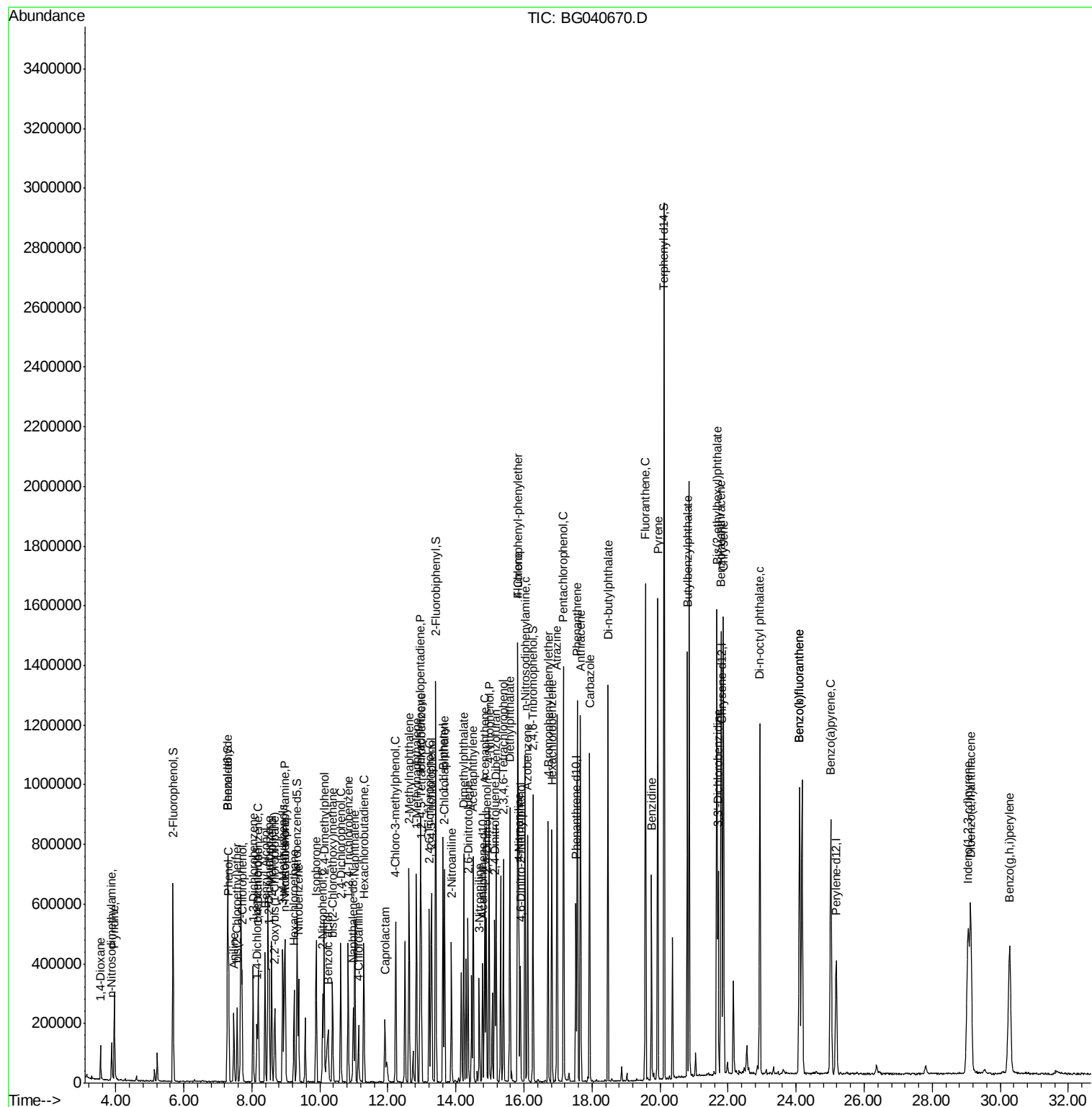
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	255058	92.598	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	138128	48.967	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	144602	47.057	ng	96
46) 1,1'-Biphenyl	13.62	154	409914	42.134	ng	96
47) 2-Chloronaphthalene	13.67	162	327518	43.017	ng	99
48) 2-Nitroaniline	13.87	65	136760	50.462	ng	98
49) Acenaphthylene	14.51	152	524448	40.600	ng	99
50) Dimethylphthalate	14.23	163	442439	42.201	ng	99
51) 2,6-Dinitrotoluene	14.35	165	96408	47.117	ng	96
52) Acenaphthene	14.85	154	311028	41.346	ng	95
53) 3-Nitroaniline	14.68	138	68583	32.713	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	106092	90.887	ng	# 86
55) Dibenzofuran	15.18	168	522829	42.432	ng	98
56) 4-Nitrophenol	14.97	139	180149	99.096	ng	96
57) 2,4-Dinitrotoluene	15.14	165	143623	51.656	ng	90
58) Fluorene	15.82	166	420344	42.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	156748	50.679	ng	99
60) Diethylphthalate	15.58	149	468946	42.394	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	252744	43.635	ng	97
62) 4-Nitroaniline	15.85	138	110010	46.908	ng	93
63) Azobenzene	16.11	77	477591	41.924	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	75896	45.077	ng	97
66) n-Nitrosodiphenylamine	16.03	169	398062	39.148	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	169231	39.304	ng	93
68) Hexachlorobenzene	16.82	284	175437	39.405	ng	95
69) Atrazine	16.97	200	229460	56.959	ng	96
70) Pentachlorophenol	17.16	266	236721	90.863	ng	97
71) Phenanthrene	17.57	178	767433	41.226	ng	99
72) Anthracene	17.66	178	786629	42.040	ng	100
73) Carbazole	17.93	167	720961	42.291	ng	100
74) Di-n-butylphthalate	18.47	149	860269	41.809	ng	99
75) Fluoranthene	19.57	202	1043740	44.994	ng	99
77) Benzidine	19.75	184	371127	32.748	ng	99
78) Pyrene	19.93	202	1038538	40.033	ng	99
80) Butylbenzylphthalate	20.81	149	411251	40.674	ng	97
81) Benzo(a)anthracene	21.79	228	1012808	38.717	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	239042	25.638	ng	100
83) Chrysene	21.86	228	990803	39.826	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	570856	39.113	ng	100
85) Di-n-octyl phthalate	22.93	149	961310	39.109	ng	99
86) Indeno(1,2,3-cd)pyrene	29.05	276	1188719	39.520	ng	# 97
88) Benzo(b)fluoranthene	24.10	252	1036240	42.099	ng	98
89) Benzo(k)fluoranthene	24.10	252	1036240	45.078	ng	97
90) Benzo(a)pyrene	25.02	252	1006841	43.213	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	982163	41.655	ng	98
92) Benzo(g,h,i)perylene	30.28	276	960525	40.932	ng	99

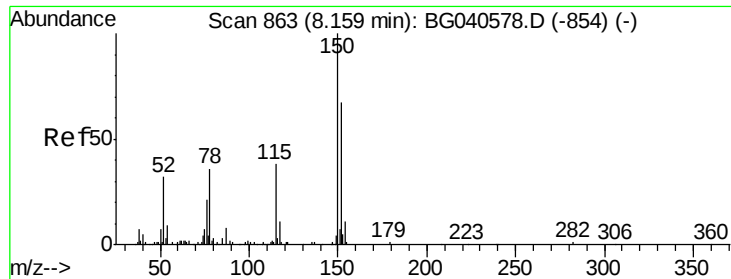
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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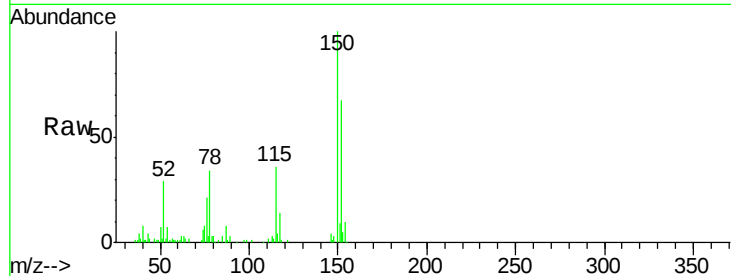


#1

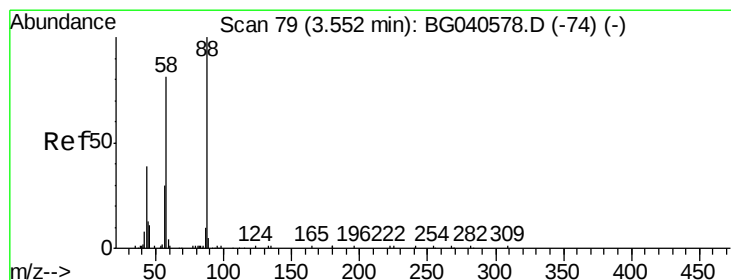
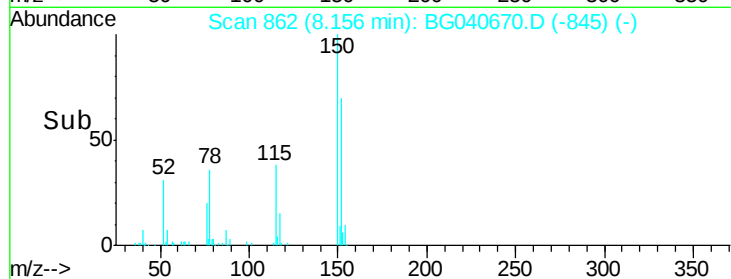
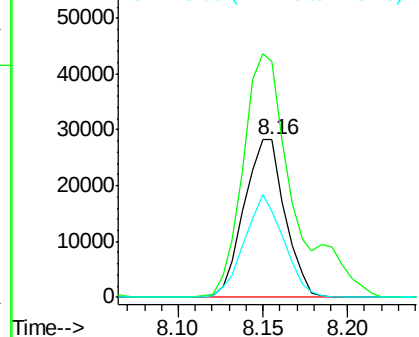
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	120.2	180.2
115	54.3	46.2	69.2



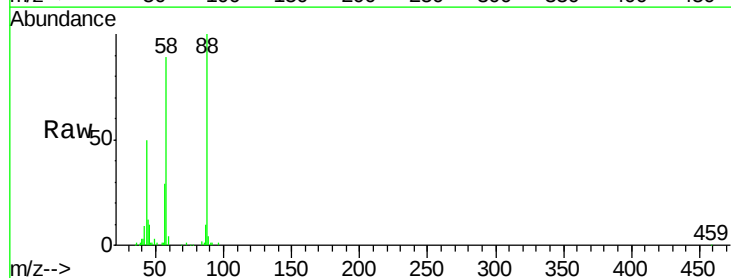
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



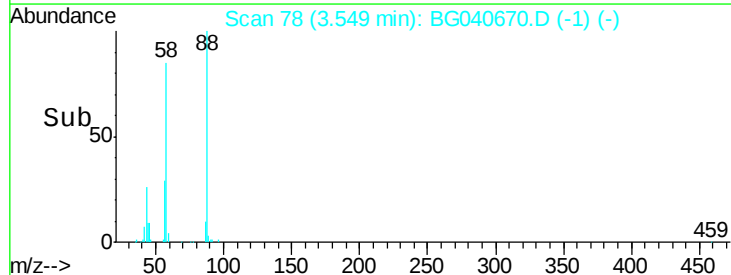
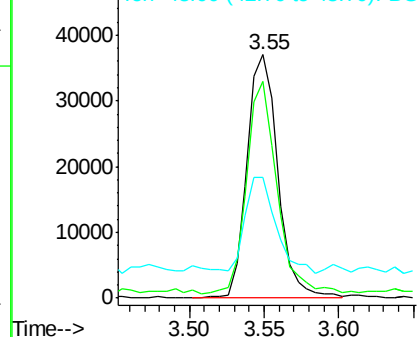
#2

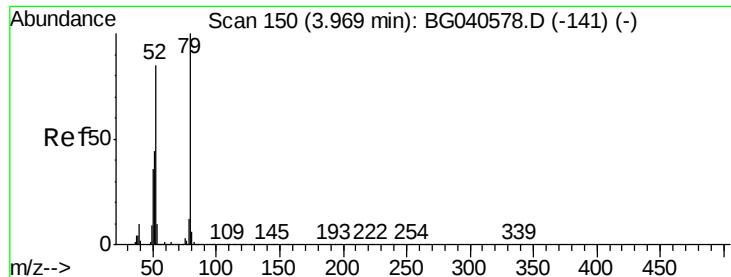
1,4-Dioxane
Concen: 42.904 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	71.2	106.8
43	39.9	35.6	53.4



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





#3

Pvridine

Concen: 37.623 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

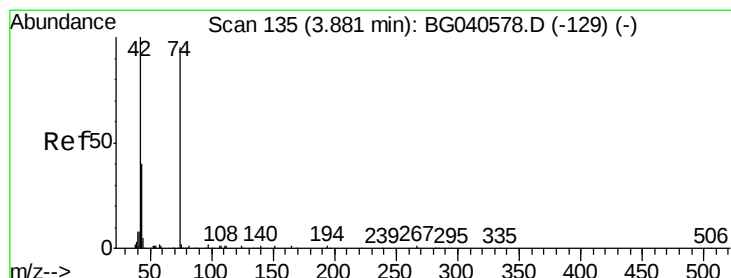
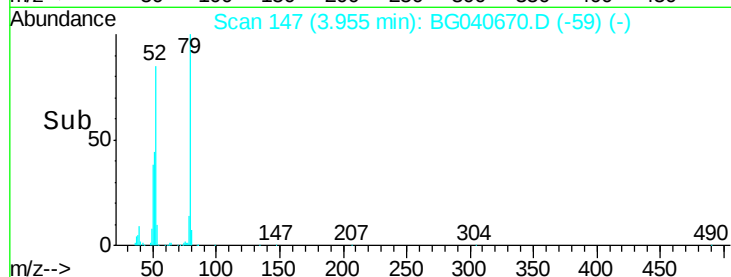
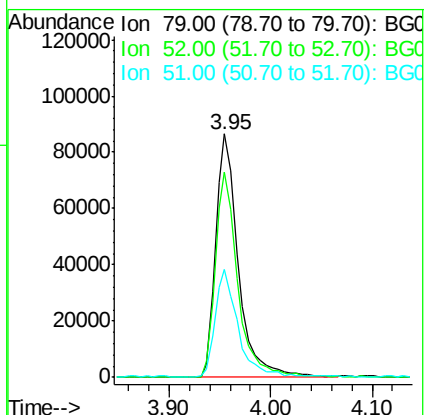
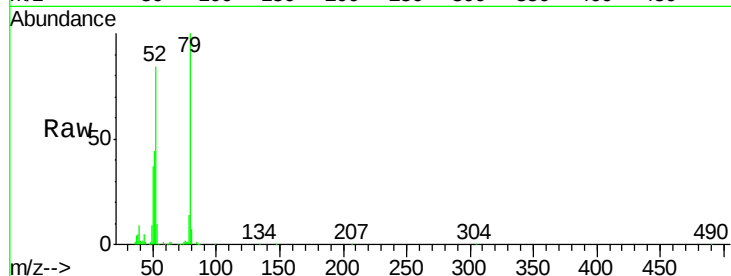
Tot Ion: 79 Resp: 134150

Ion Ratio Lower Upper

79 100

52 84.2 67.5 101.3

51 44.3 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 36.628 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

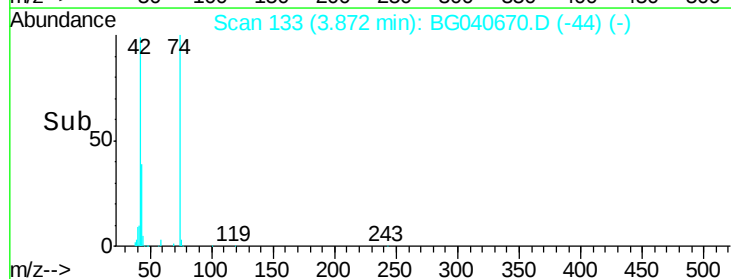
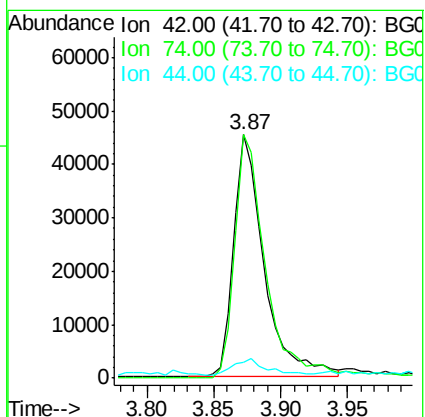
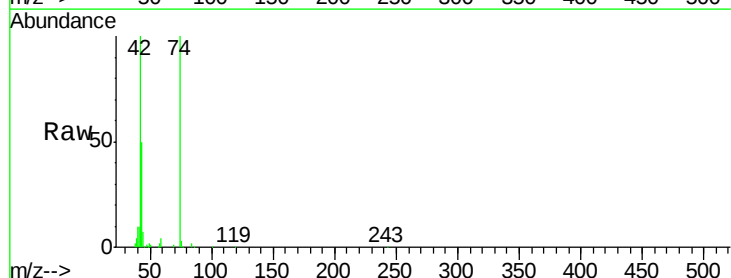
Tgt Ion: 42 Resp: 72441

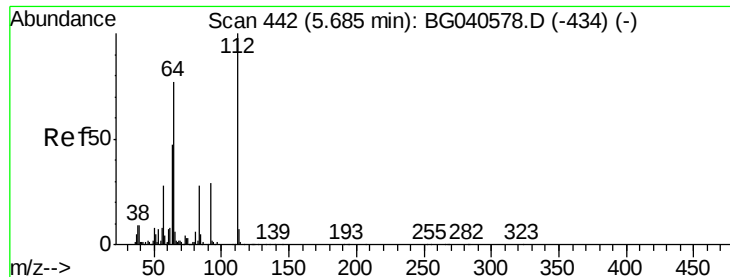
Ion Ratio Lower Upper

42 100

74 100.2 74.6 111.8

44 6.7 7.4 11.0#





#5

2-Fluorophenol

Concen: 86.410 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

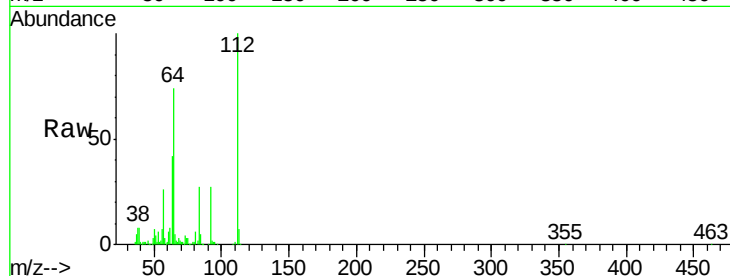
Tot Ion:112 Resp: 233735

Ion Ratio Lower Upper

112 100

64 74.2 61.4 92.0

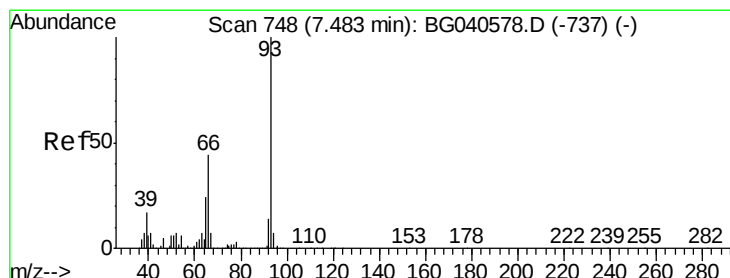
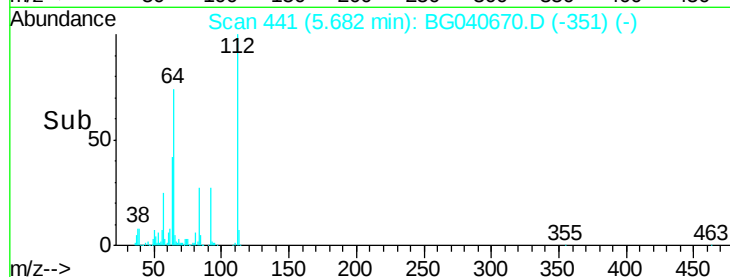
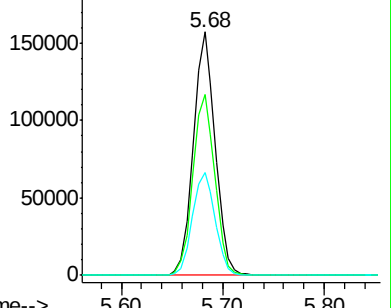
63 42.3 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.198 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

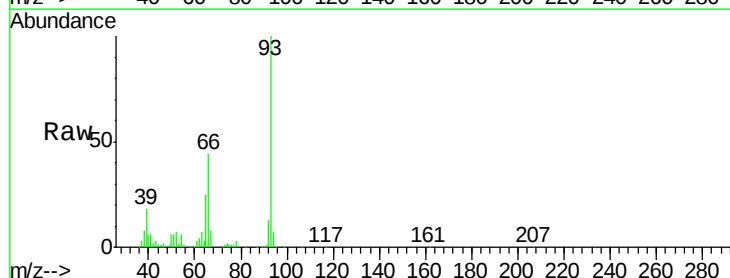
Tgt Ion: 93 Resp: 133581

Ion Ratio Lower Upper

93 100

66 44.1 35.5 53.3

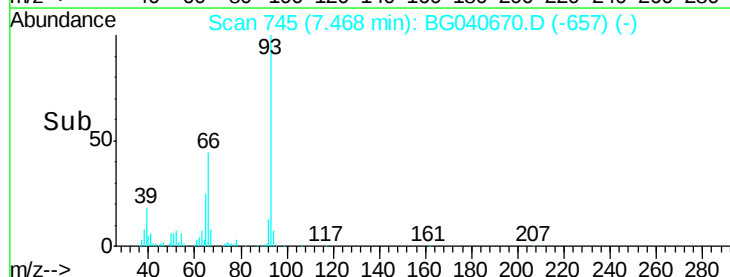
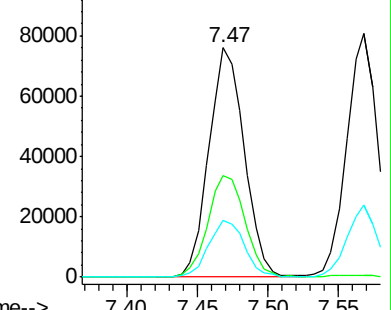
65 24.9 19.2 28.8

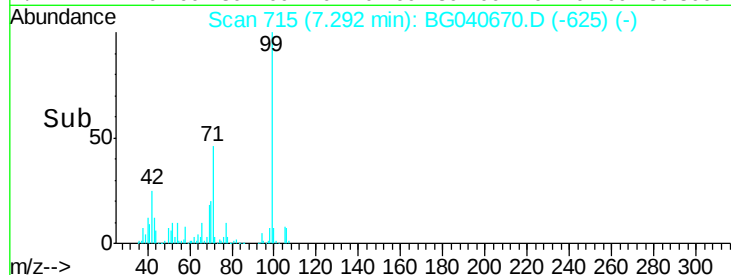
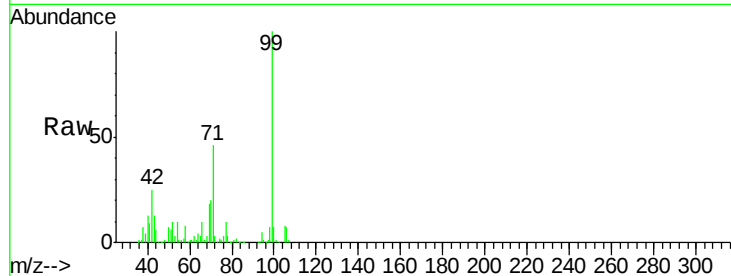


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.935 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040670.D

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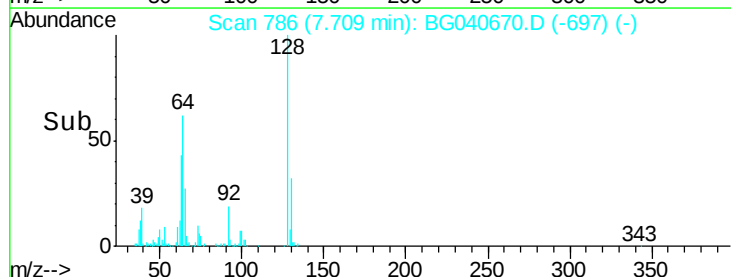
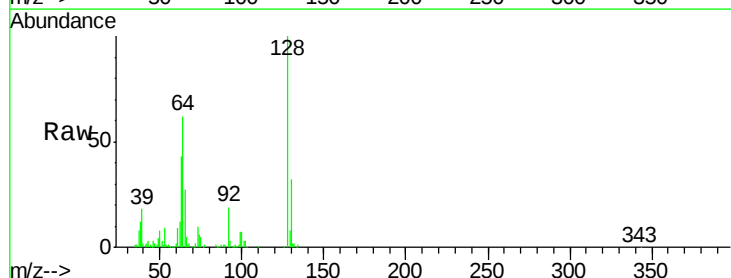
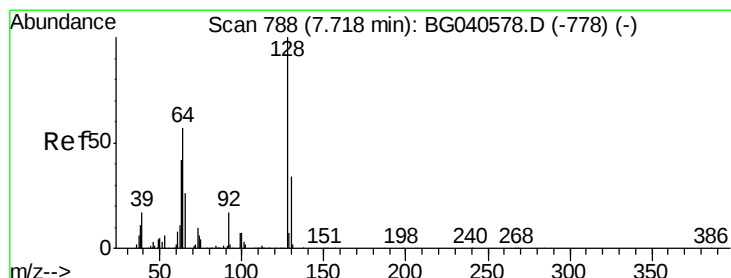
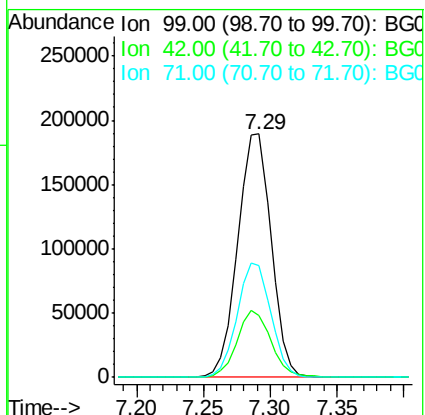
Tot Ion: 99 Resp: 328755

Ion Ratio Lower Upper

99 100

42 25.5 21.8 32.8

71 46.0 38.6 57.8



#8

2-Chlorophenol

Concen: 40.714 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

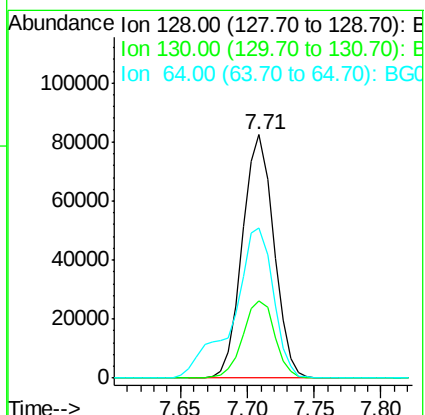
Tgt Ion: 128 Resp: 134474

Ion Ratio Lower Upper

128 100

130 31.8 14.5 54.5

64 61.5 38.4 78.4





#9

Benzaldehyde

Concen: 8.842 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040670.D

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BNA_G

ClientSampleId :

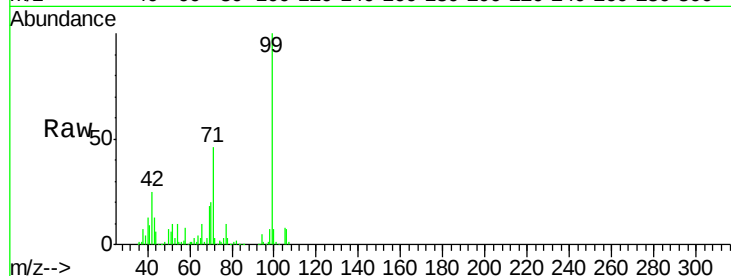
Tot Ion: 77 Resp: 33226

Ion Ratio Lower Upper

77 100

105 82.7 72.0 112.0

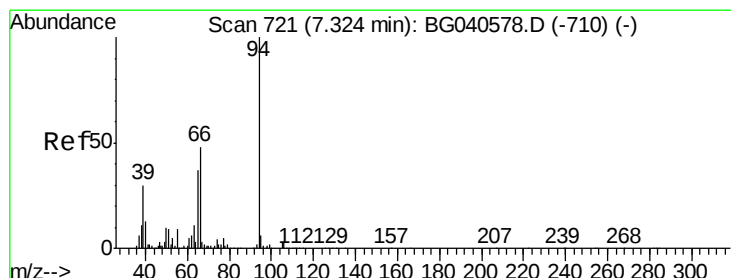
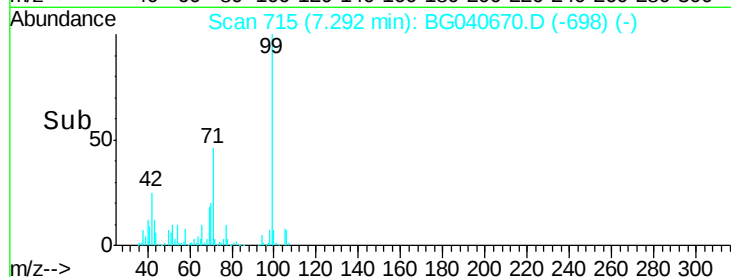
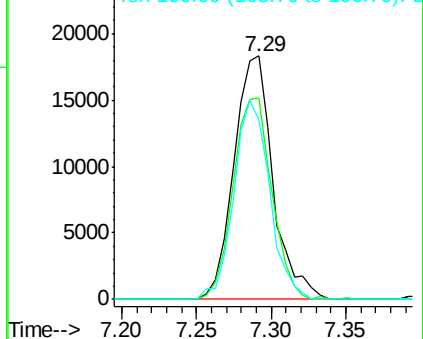
106 73.5 61.2 101.2



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: 41.795 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

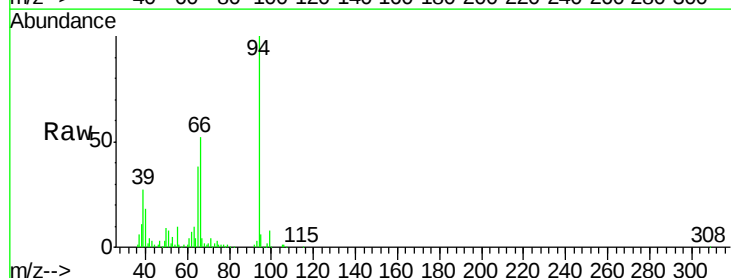
Tgt Ion: 94 Resp: 187115

Ion Ratio Lower Upper

94 100

65 38.3 17.0 57.0

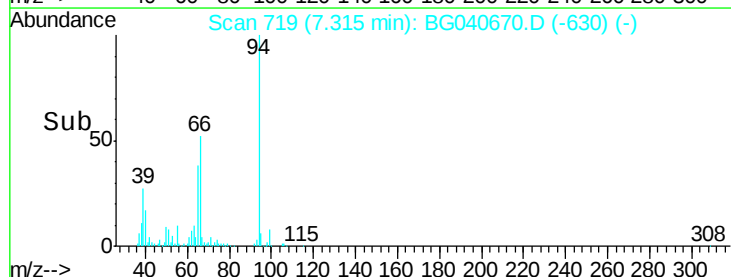
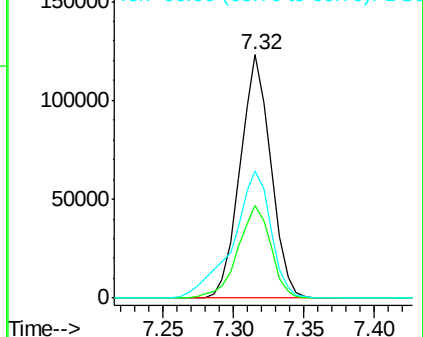
66 52.3 28.6 68.6



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: 36.877 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

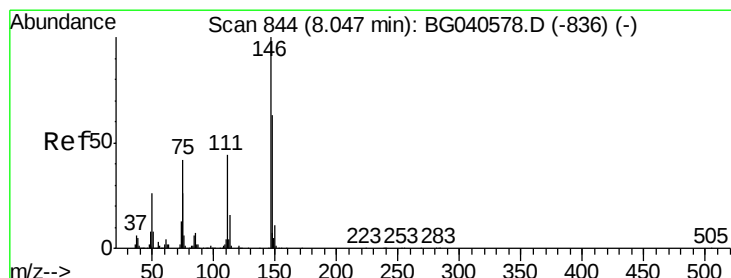
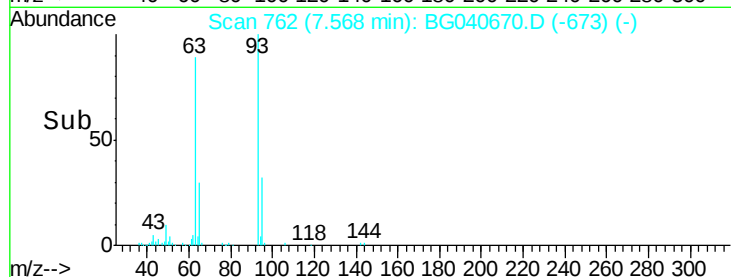
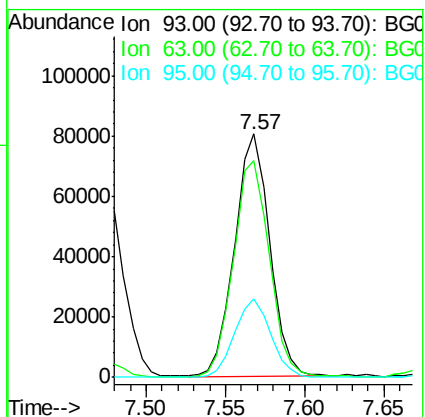
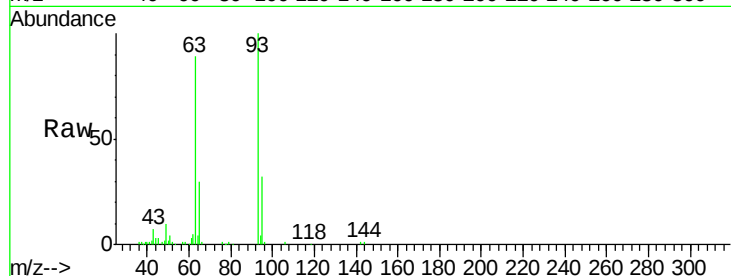
Tot Ion: 93 Resp: 123805

Ion Ratio Lower Upper

93 100

63 89.0 68.2 108.2

95 32.4 14.3 54.3



#12

1,3-Dichlorobenzene

Concen: 38.794 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

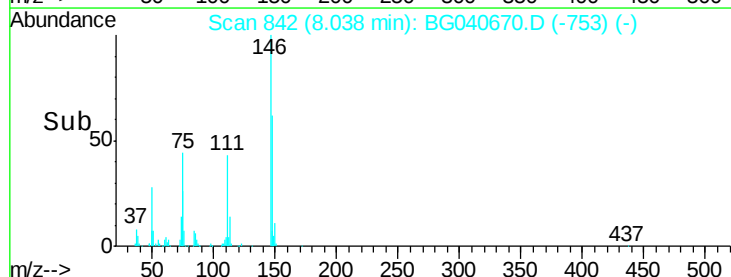
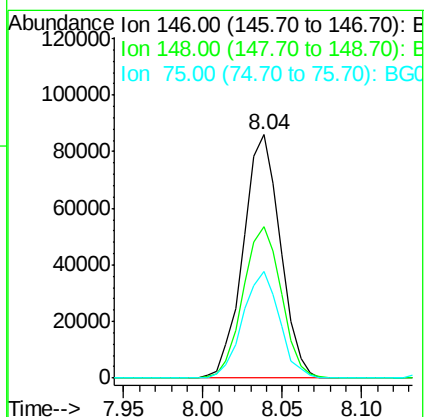
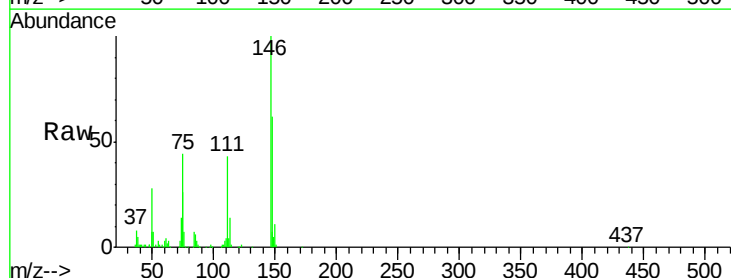
Tgt Ion: 146 Resp: 139855

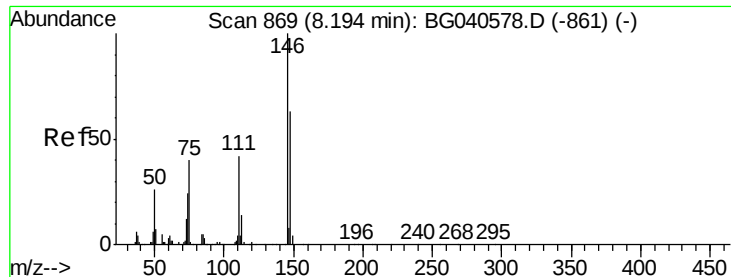
Ion Ratio Lower Upper

146 100

148 62.4 50.7 76.1

75 43.6 33.4 50.2

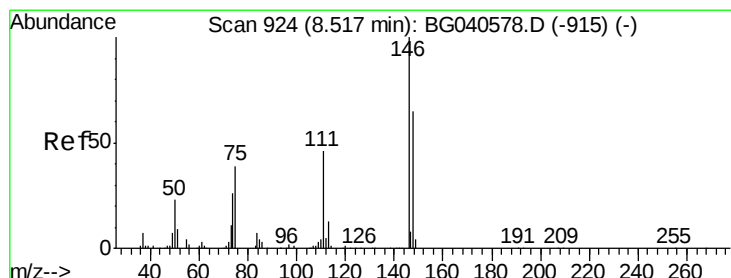
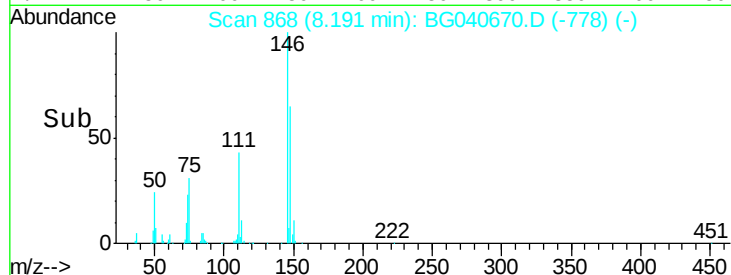
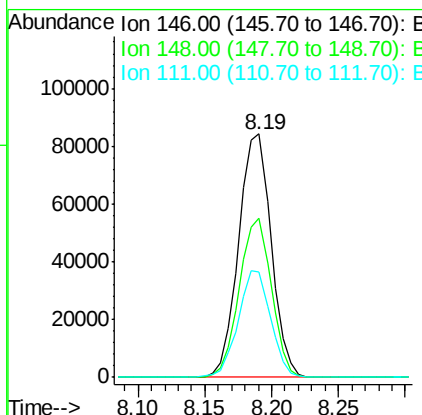
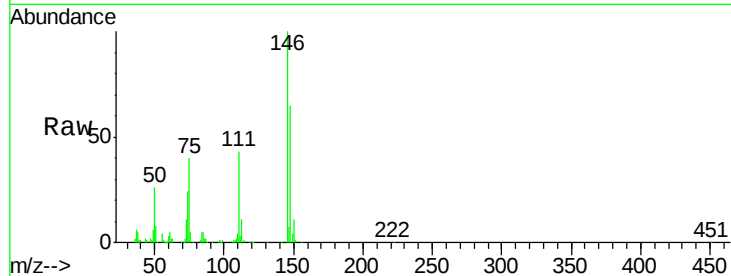




#13
 1,4-Dichlorobenzene
 Concen: 38.926 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

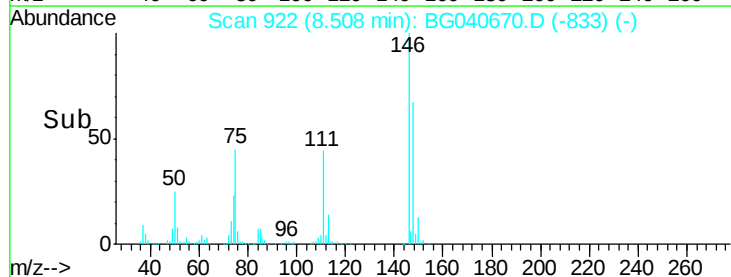
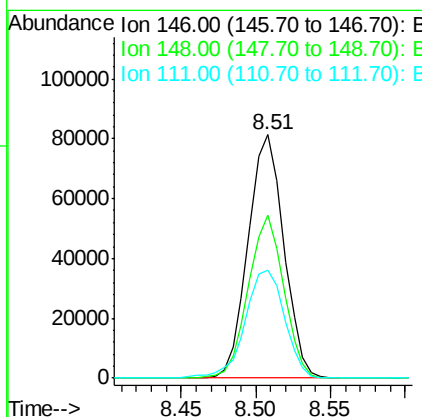
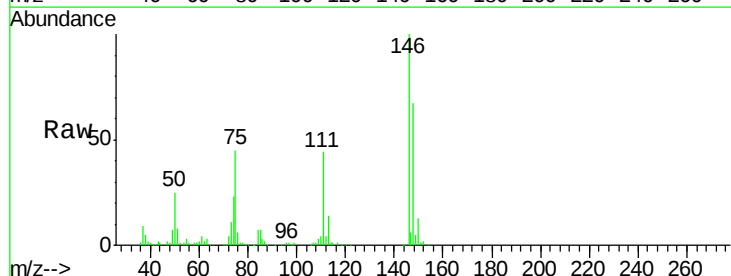
Instrument :
 BNA_G
 ClientSampleId :

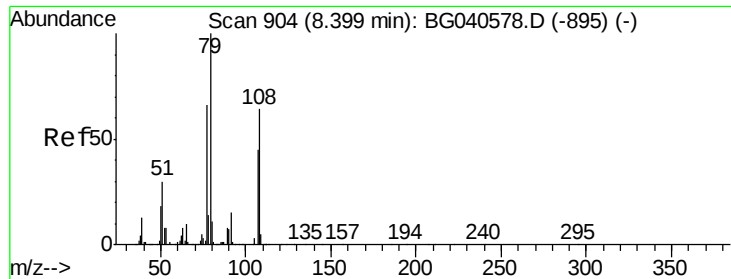
Tot Ion:146 Resp: 142257
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 75.8
 111 43.3 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 38.215 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion:146 Resp: 134686
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.2 78.4
 111 44.5 37.4 56.0





#15

Benzyl Alcohol

Concen: 36.071 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

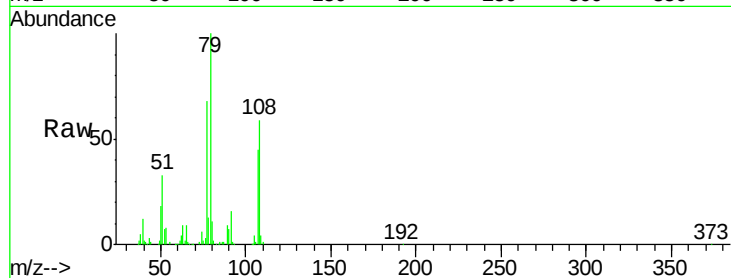
Tot Ion: 79 Resp: 156316

Ion Ratio Lower Upper

79 100

108 59.0 51.4 77.0

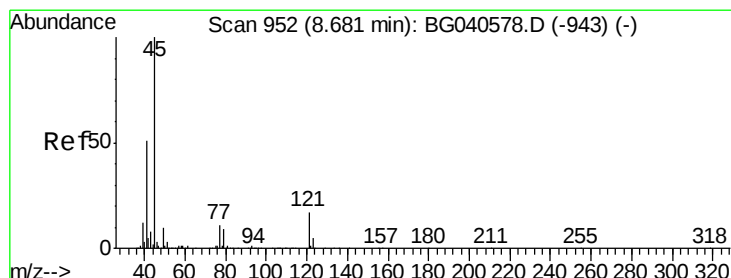
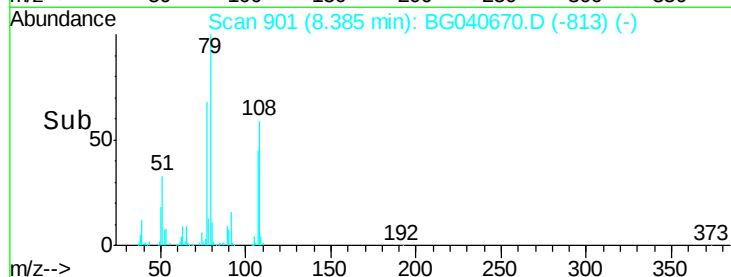
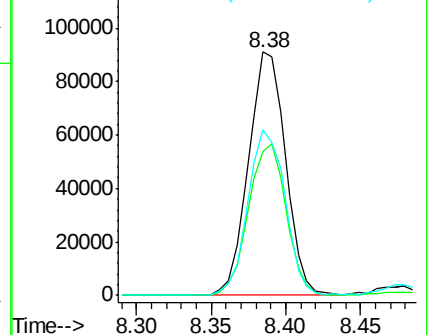
77 68.2 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.611 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

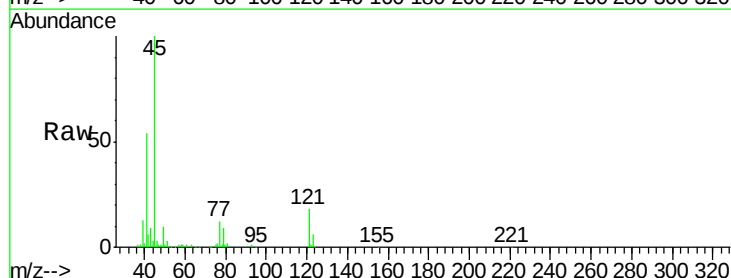
Tgt Ion: 45 Resp: 231339

Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

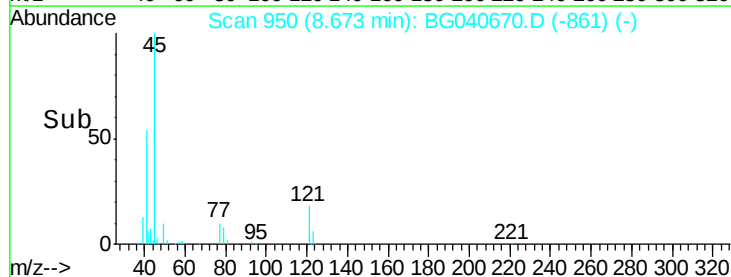
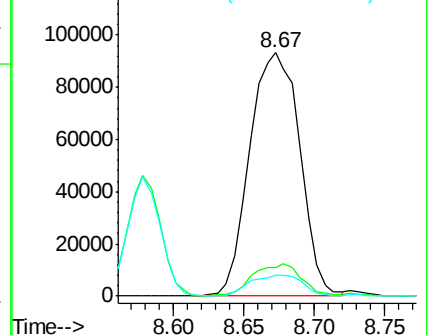
79 8.8 0.0 29.4

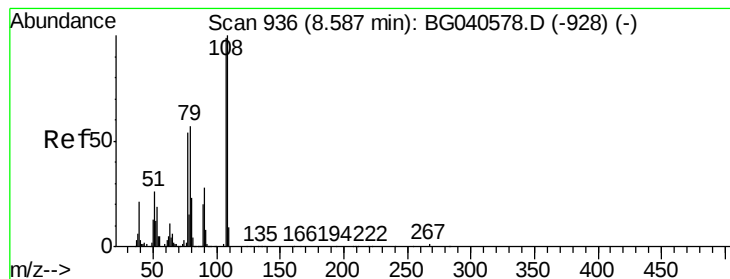


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.970 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 126638

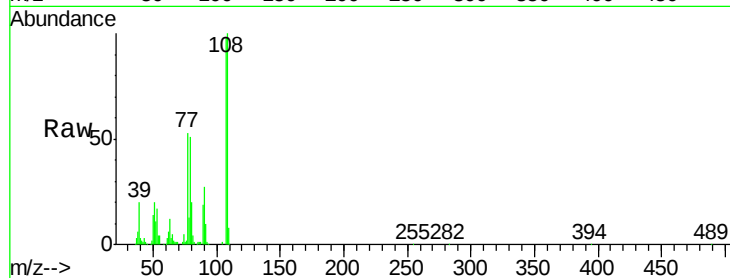
Ion Ratio Lower Upper

107 100

108 102.4 81.2 121.8

77 54.7 44.4 66.6

79 51.7 47.0 70.4

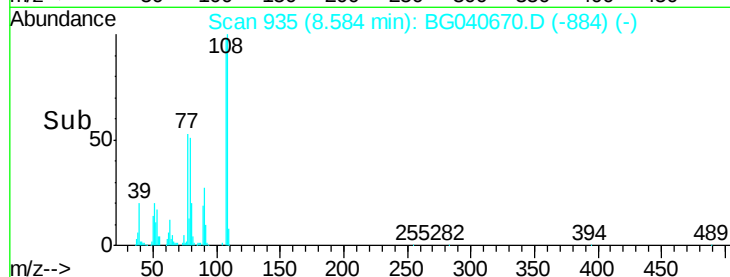


Abundance Ion 107.00 (106.70 to 107.70): E

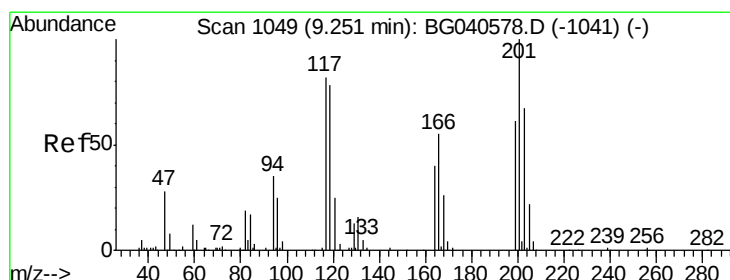
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 38.123 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

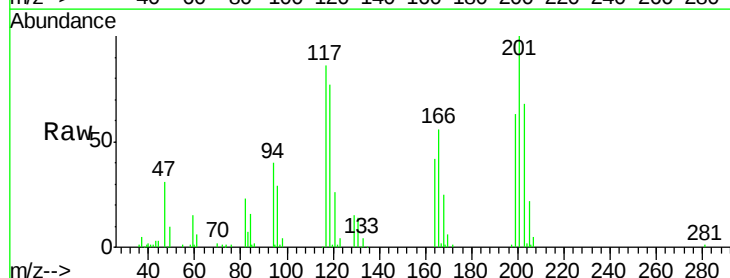
Tgt Ion:117 Resp: 57151

Ion Ratio Lower Upper

117 100

119 90.1 76.6 114.8

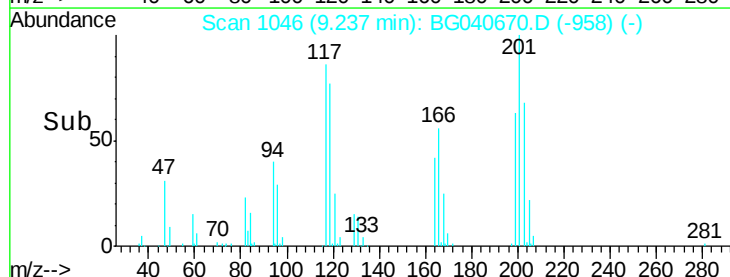
201 116.4 101.0 151.6



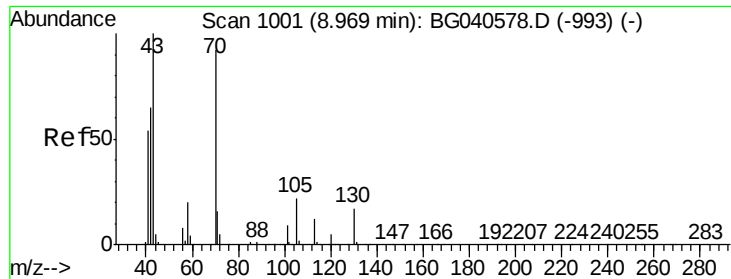
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



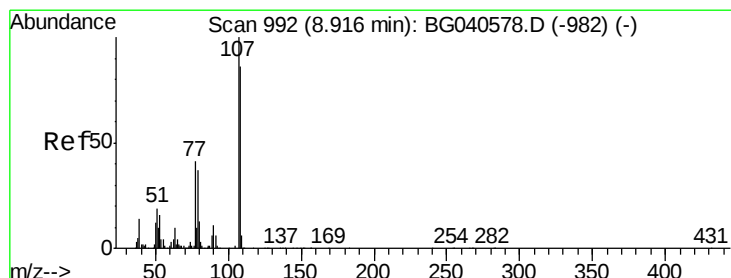
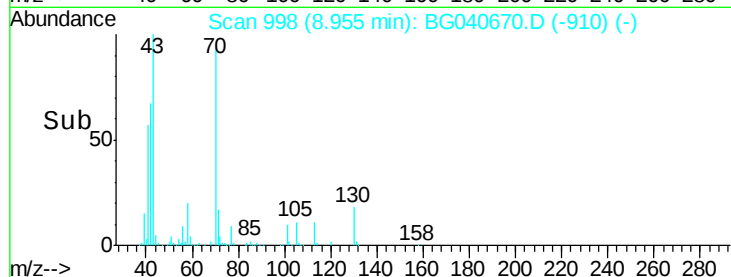
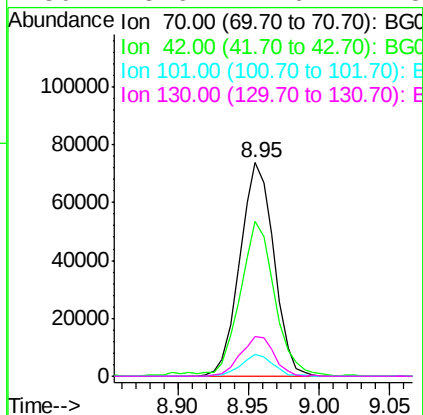
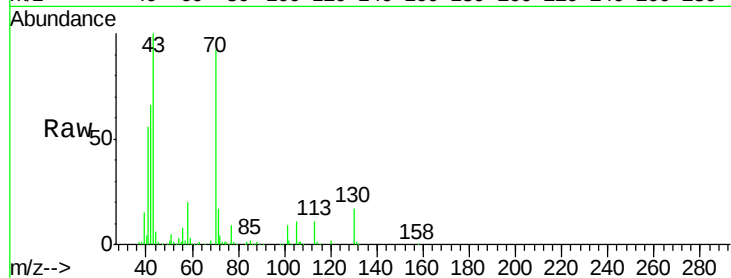
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 33.120 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

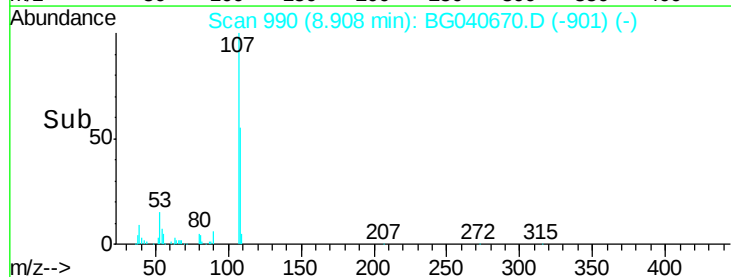
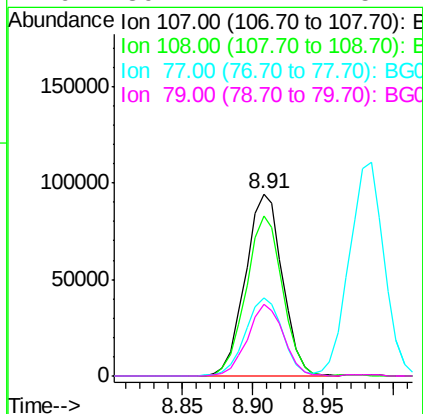
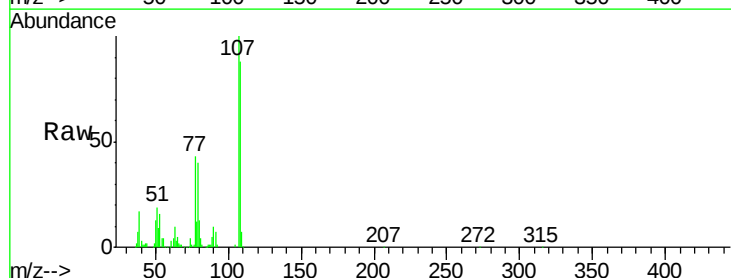
Instrument :
BNA_G
ClientSampleId :

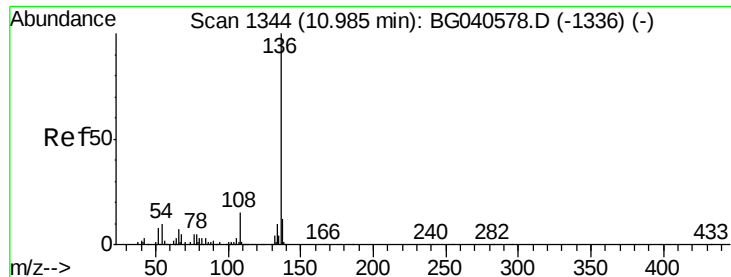
Tot Ion:	70	Resp:	124172
Ion	Ratio	Lower	Upper
70	100		
42	72.2	57.1	85.7
101	10.3	7.8	11.8
130	18.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 39.216 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion:	107	Resp:	173087
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.1	106.1
77	43.0	21.6	61.6
79	39.7	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 178893

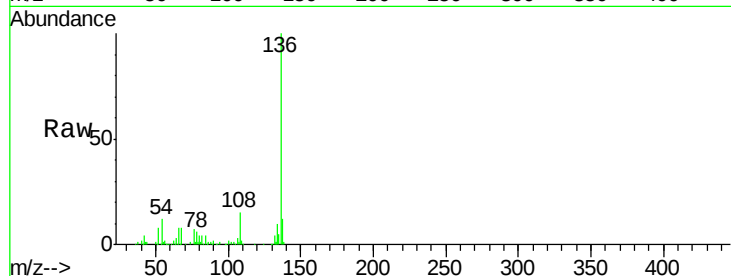
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 11.6 8.6 12.8

68 7.7 4.8 7.2#

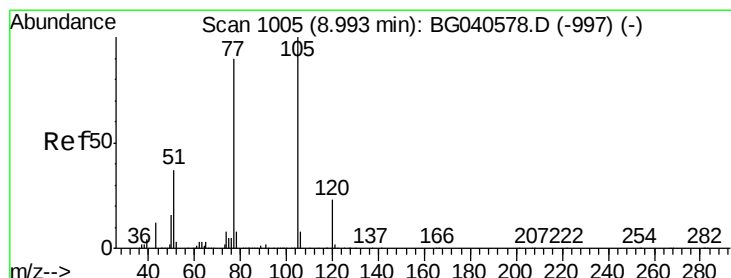
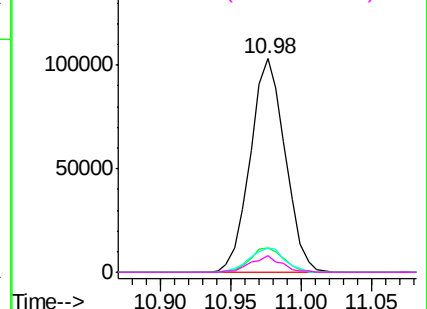
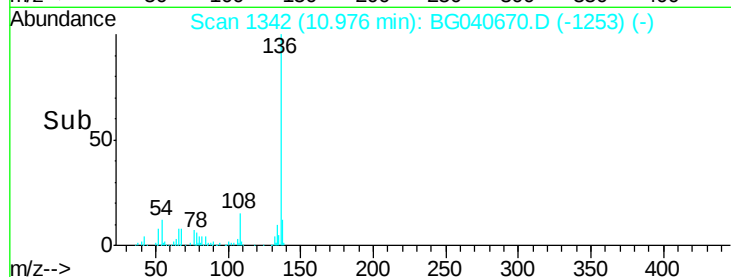


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.169 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Tgt Ion:105 Resp: 214747

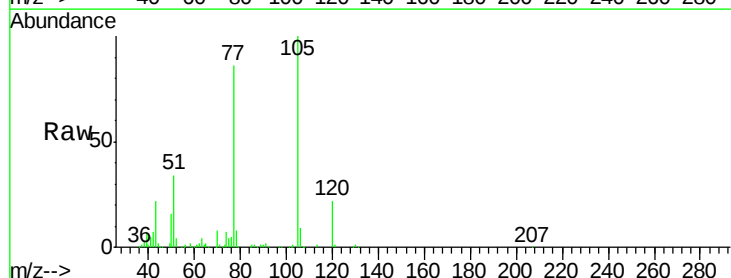
Ion Ratio Lower Upper

105 100

71 1.5 1.8 2.8#

51 34.0 29.8 44.8

120 21.7 18.4 27.6

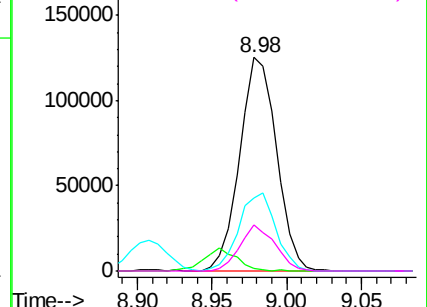
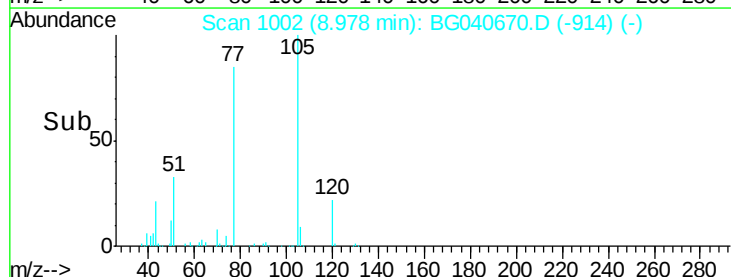


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

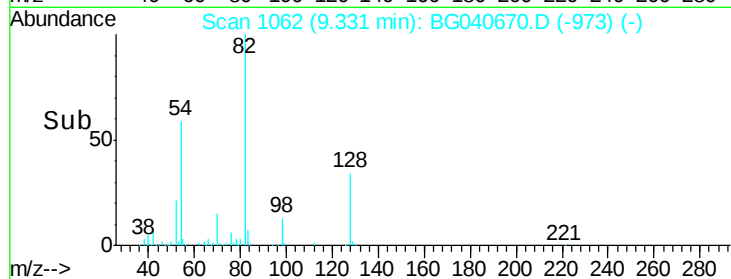
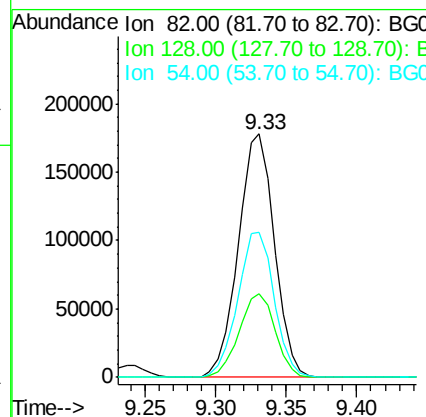
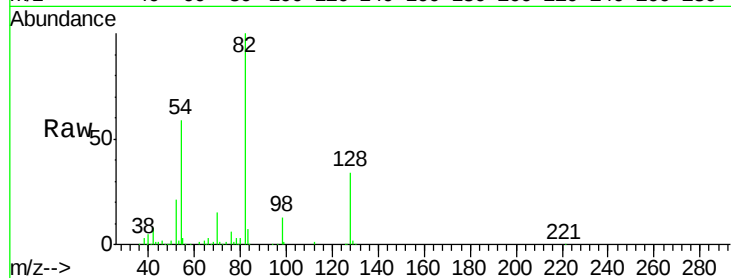




#23
 Nitrobenzene-d5
 Concen: 82.311 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

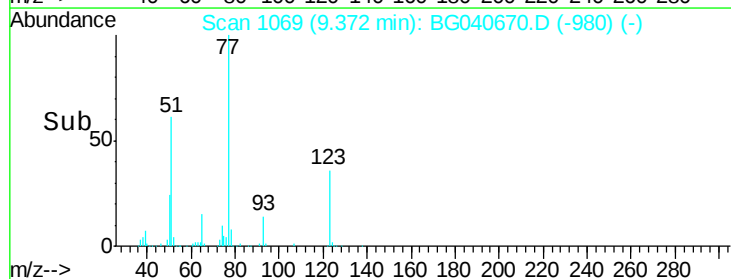
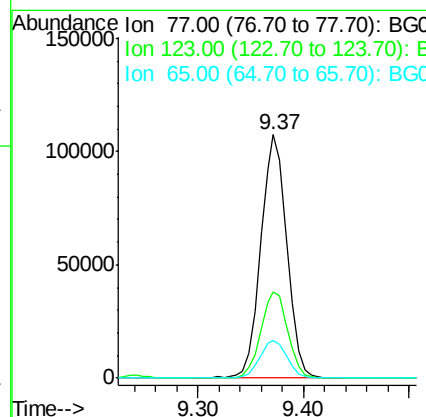
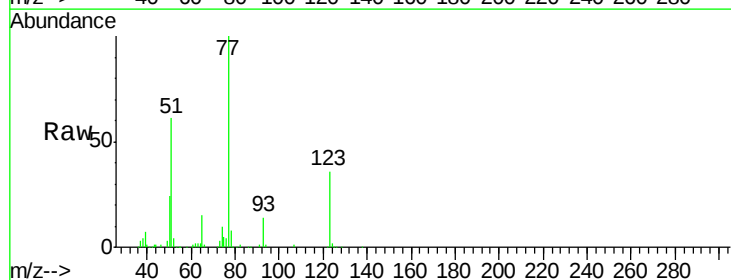
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	318678
Ion Ratio	Lower	Upper	
82	100		
128	34.4	28.9	43.3
54	59.4	47.2	70.8



#24
 Nitrobenzene
 Concen: 44.706 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion	77	Resp	184674
Ion Ratio	Lower	Upper	
77	100		
123	35.6	27.8	41.6
65	15.5	12.4	18.6





#25

Isophorone

Concen: 38.935 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

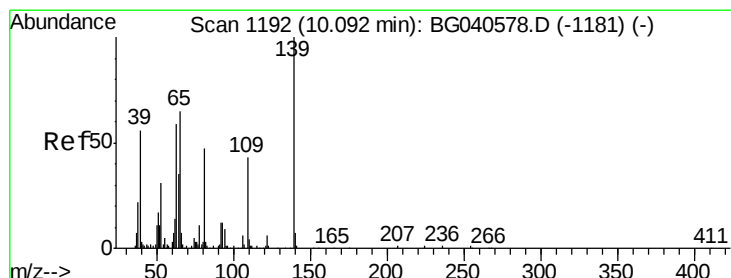
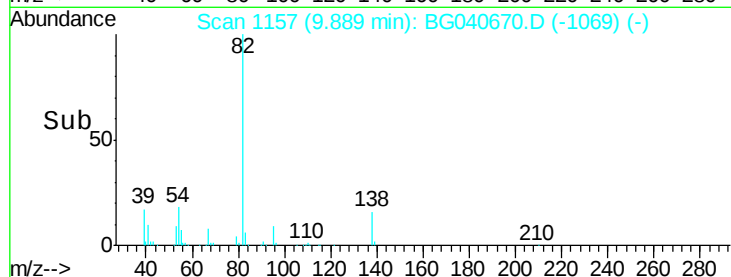
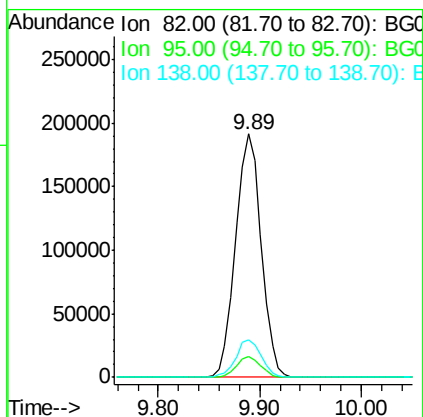
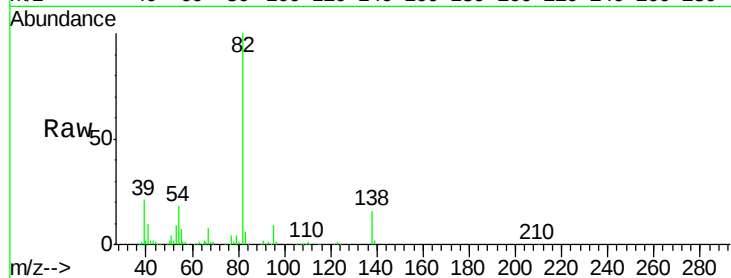
Tot Ion: 82 Resp: 335775

Ion Ratio Lower Upper

82 100

95 8.8 6.9 10.3

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 48.089 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

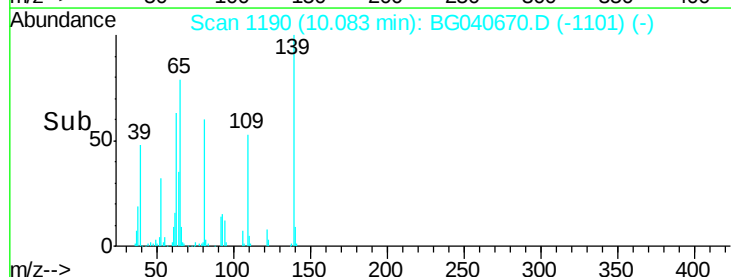
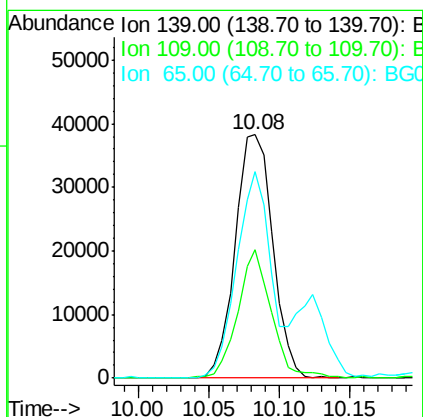
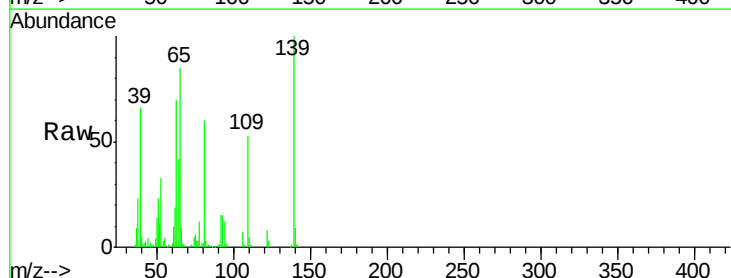
Tgt Ion: 139 Resp: 71206

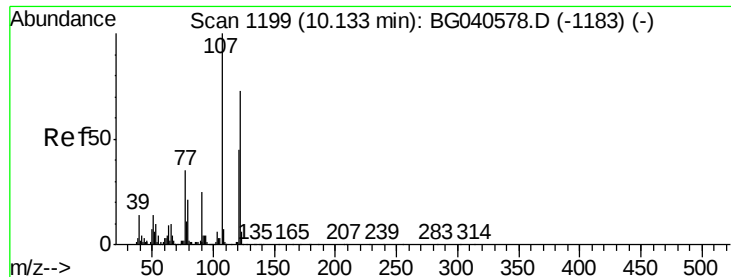
Ion Ratio Lower Upper

139 100

109 52.9 35.6 53.4

65 84.7 52.3 78.5#

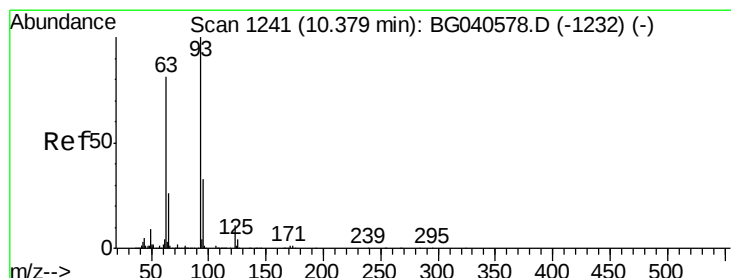
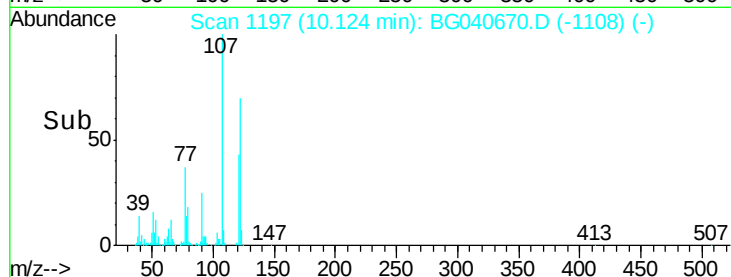
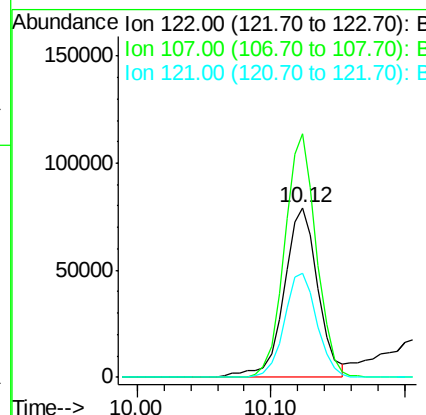
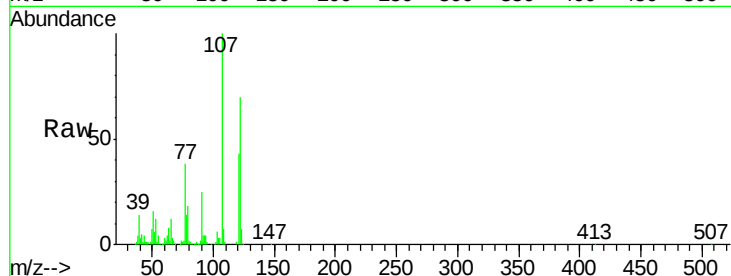




#27
2,4-Dimethylphenol
Concen: 50.375 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

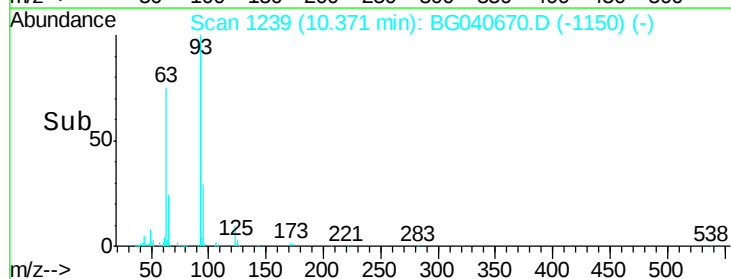
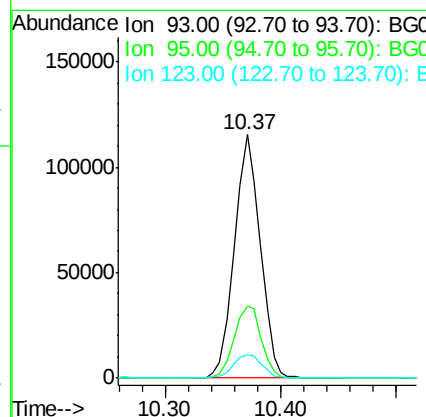
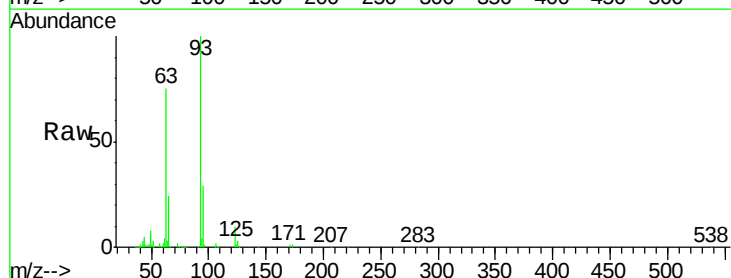
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	143.2	110.1	165.1
121	61.3	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.224 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.4	26.6	40.0
123	9.6	9.0	13.4

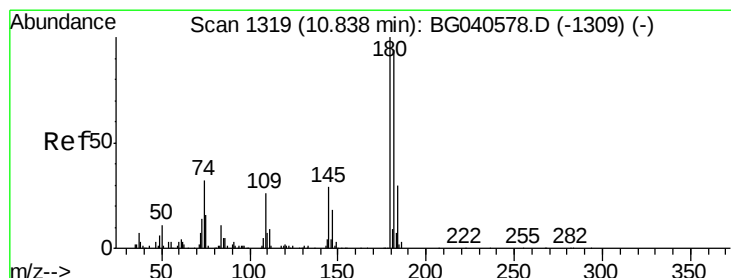
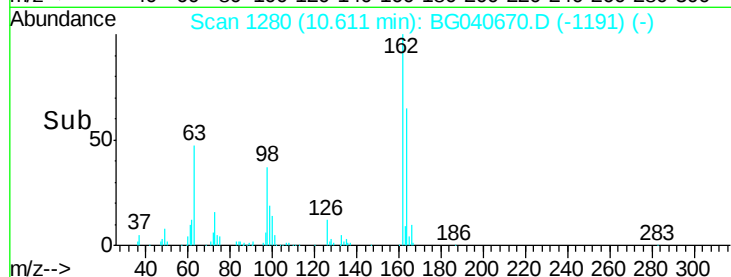
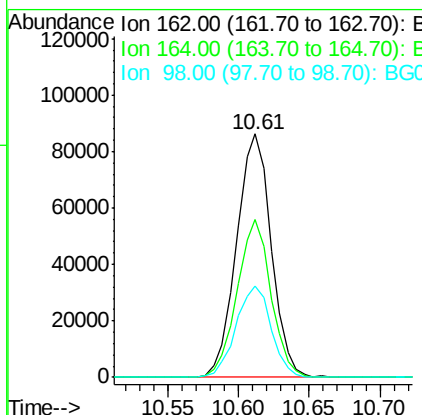
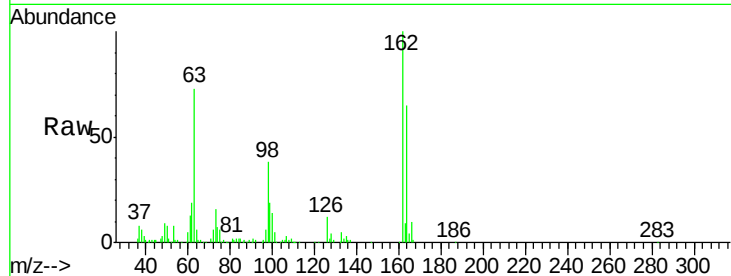




#29
 2,4-Dichlorophenol
 Concen: 46.891 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

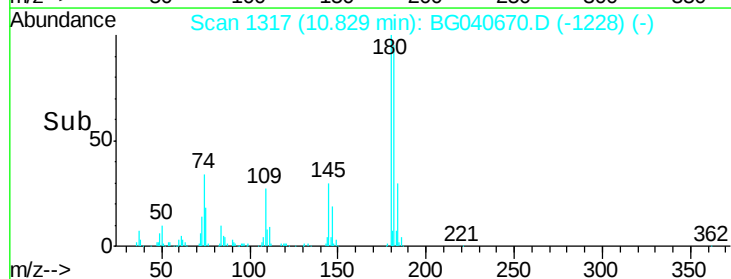
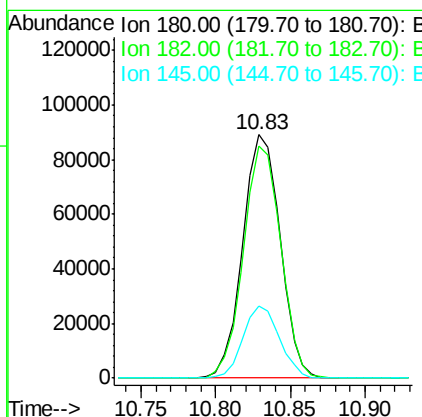
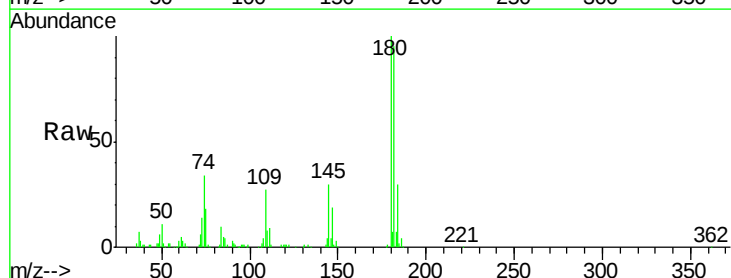
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162	Resp:	148105
Ion Ratio	Lower	Upper
162	100	
164	64.7	38.9 78.9
98	37.6	16.8 56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 44.205 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion:180	Resp:	154832
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.2 112.8
145	29.6	23.6 35.4

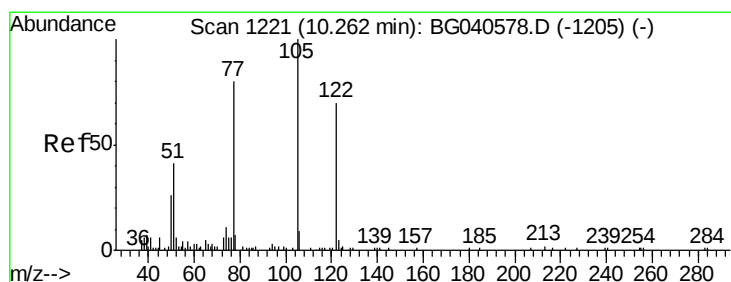
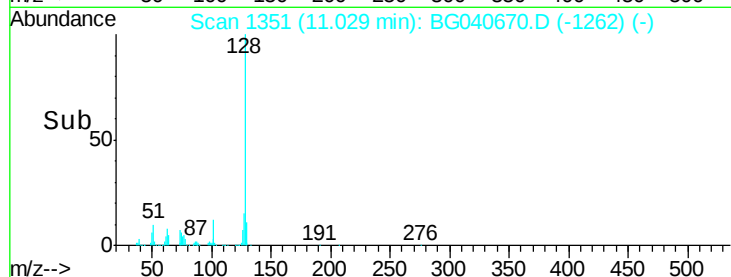
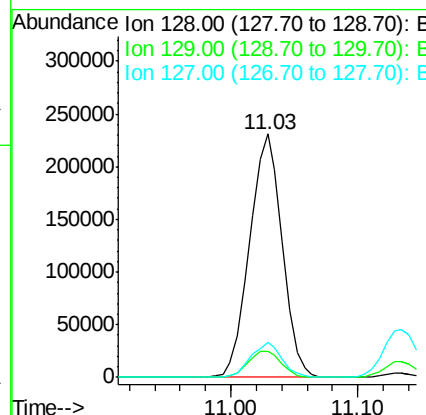
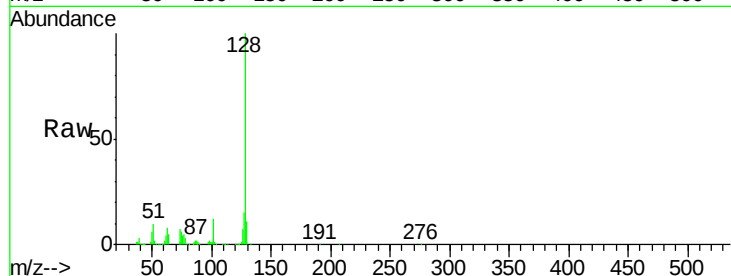




#31
Naphthalene
Concen: 43.261 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

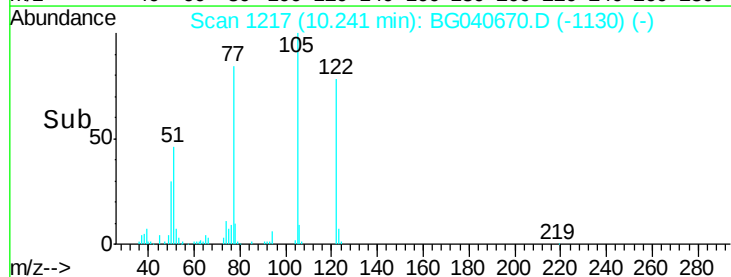
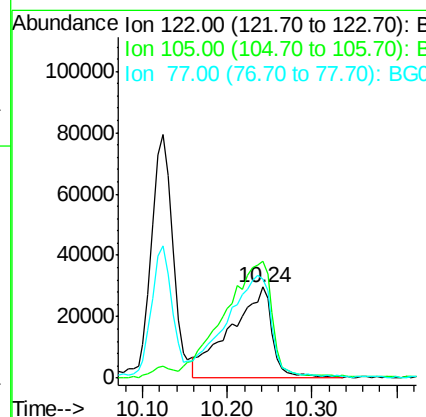
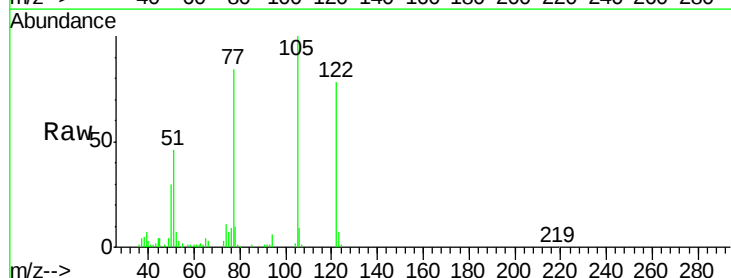
Instrument :
BNA_G
ClientSampleId :

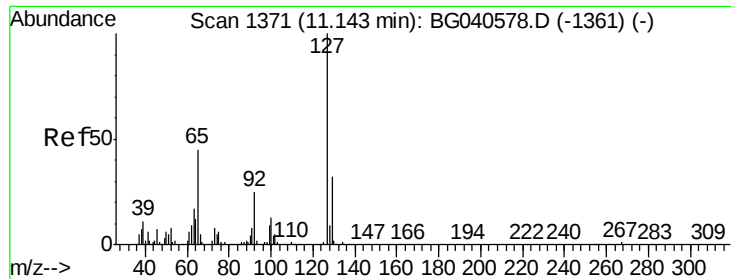
Tot Ion:128	Resp:	411154
Ion	Ratio	Lower Upper
128	100	
129	10.6	9.0 13.6
127	14.6	11.3 16.9



#32
Benzoic acid
Concen: 53.770 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion:122	Resp:	102265
Ion	Ratio	Lower Upper
122	100	
105	128.8	110.9 150.9
77	108.5	87.6 127.6

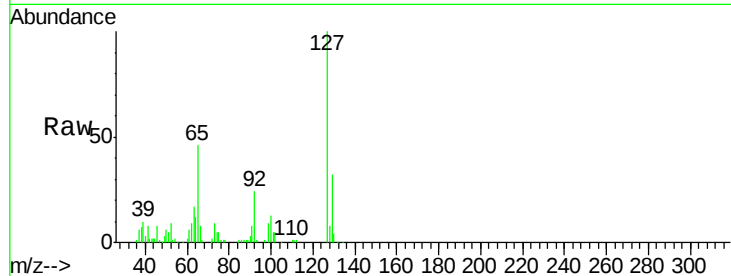




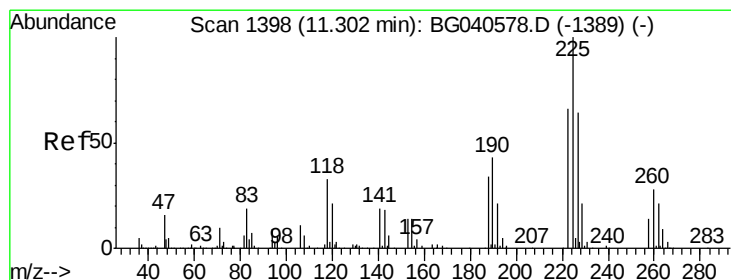
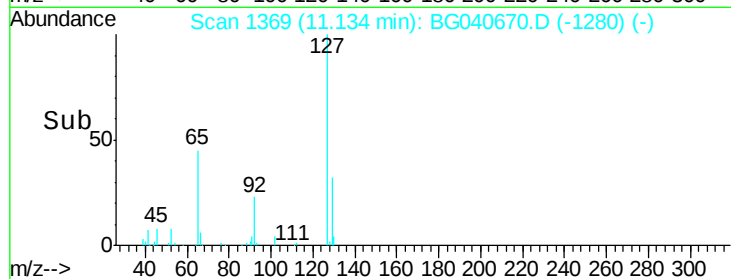
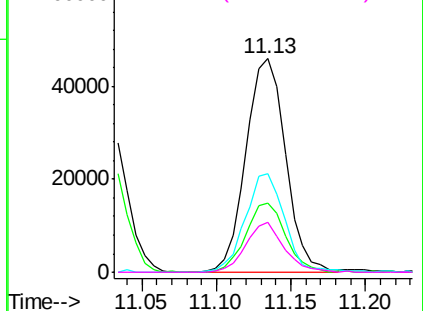
#33
4-Chloroaniline
Concen: 20.068 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	84565	
Ion Ratio	Lower	Upper	
127 100			
129 32.4	25.7	38.5	
65 45.9	36.1	54.1	
92 23.6	20.1	30.1	

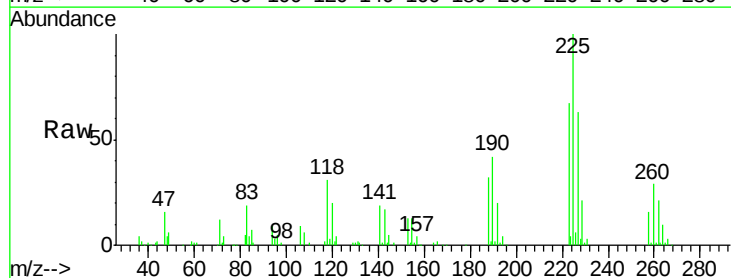


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

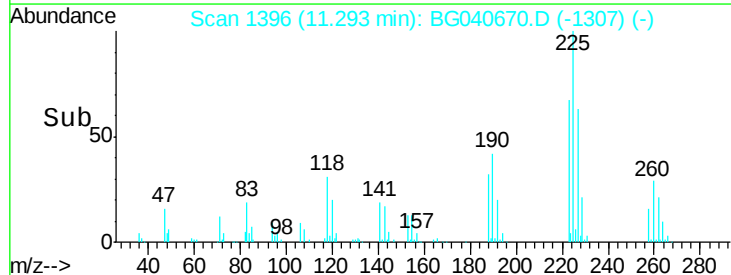
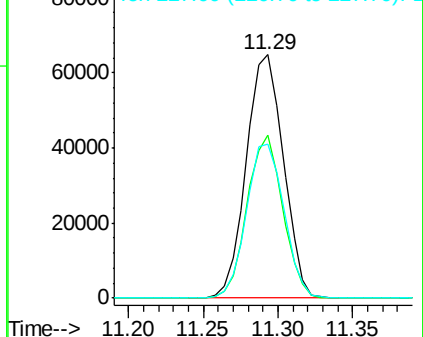


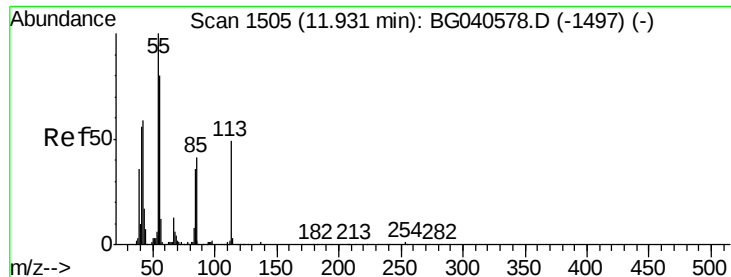
#34
Hexachlorobutadiene
Concen: 43.183 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt	Ion:225	Resp:	111663
Ion	Ratio	Lower	Upper
225	100		
223	67.1	50.4	75.6
227	63.4	51.0	76.6



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





#35

Caprolactam

Concen: 26.052 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

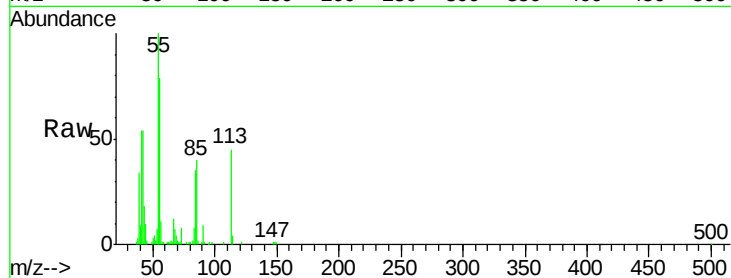
Tot Ion:113 Resp: 32487

Ion Ratio Lower Upper

113 100

55 220.1 198.6 238.6

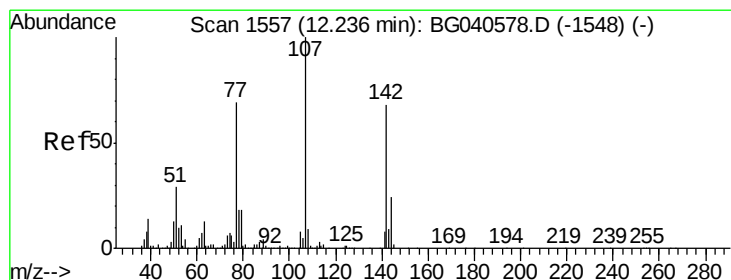
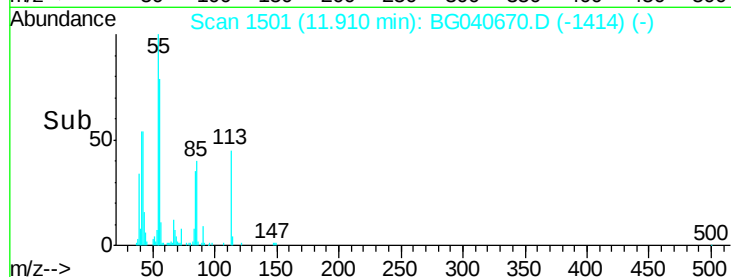
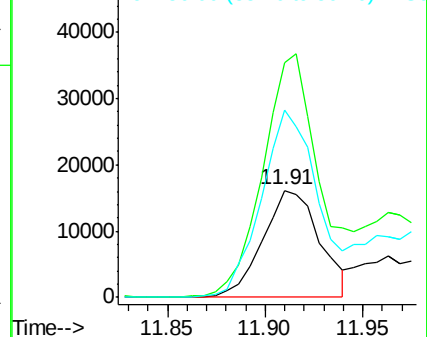
56 174.7 148.4 188.4



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: 44.857 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

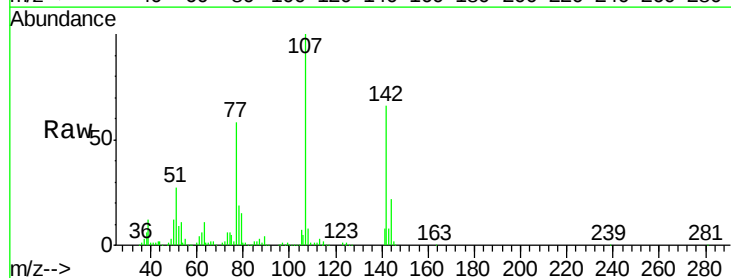
Tgt Ion:107 Resp: 178731

Ion Ratio Lower Upper

107 100

144 22.3 19.3 28.9

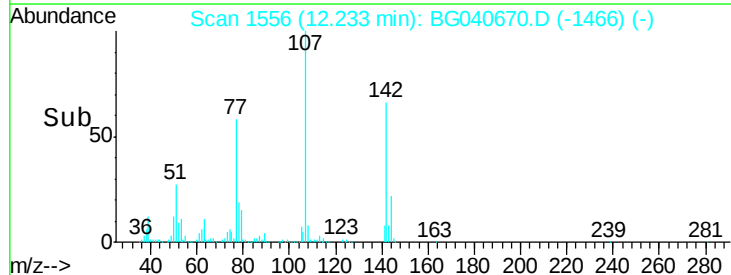
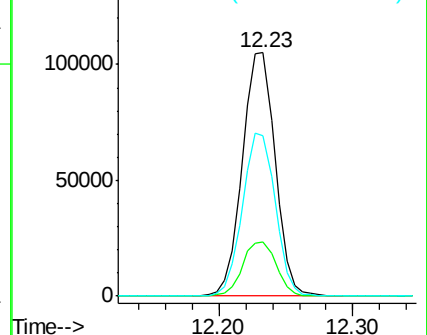
142 65.9 54.6 81.8



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

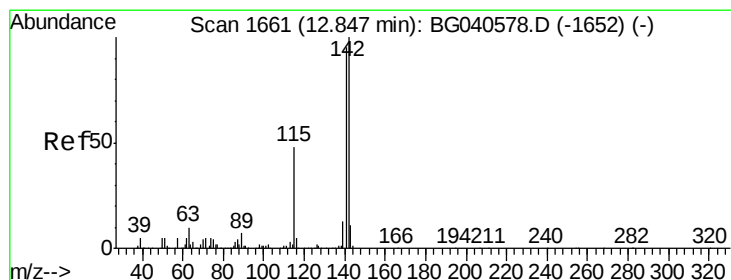
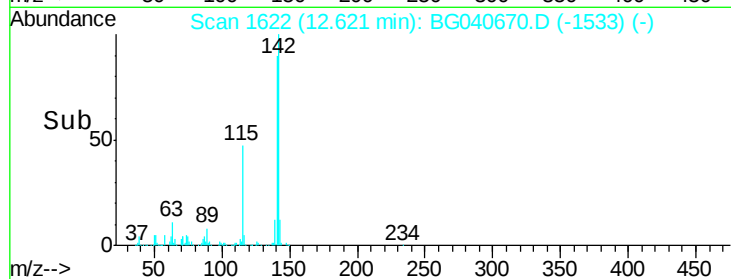
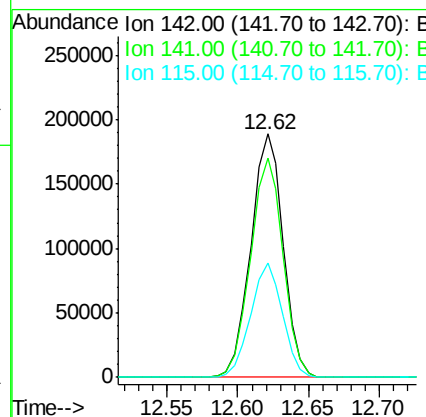
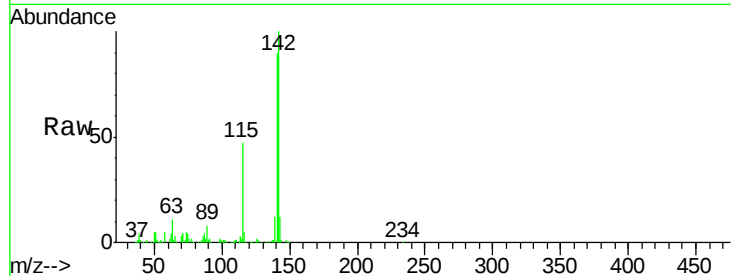




#37
2-Methylnaphthalene
Concen: 42.729 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

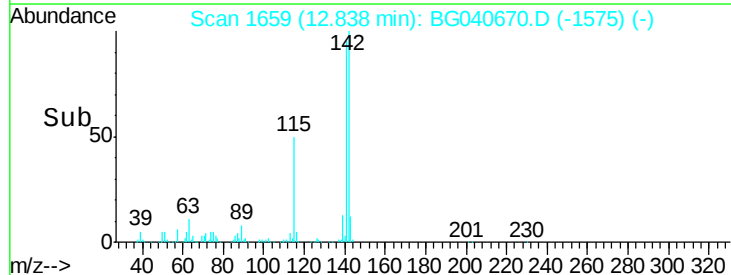
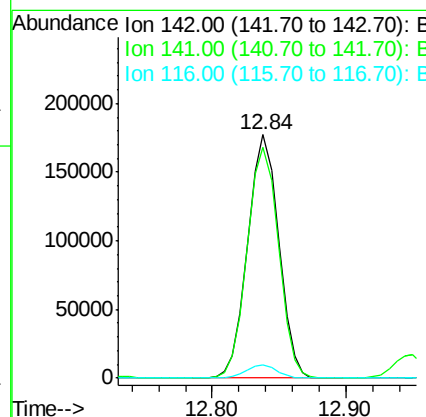
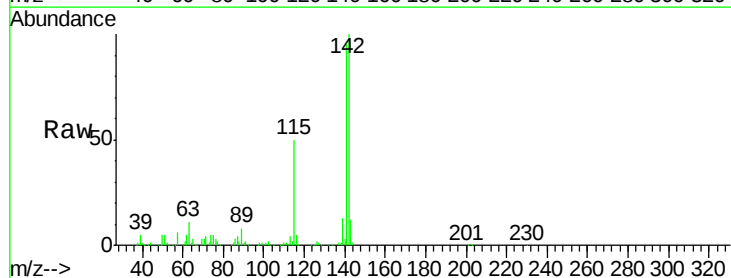
Instrument :
BNA_G
ClientSampleId :

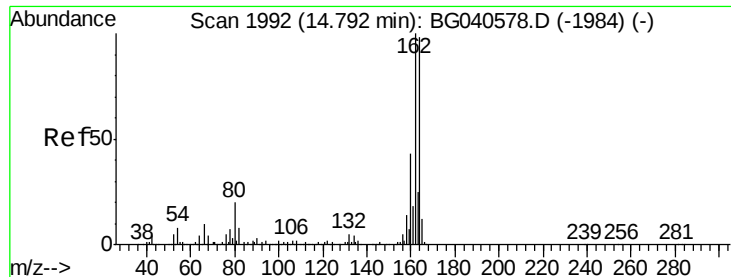
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.4	110.2
115	46.9	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.935 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.9	113.9
116	5.3	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

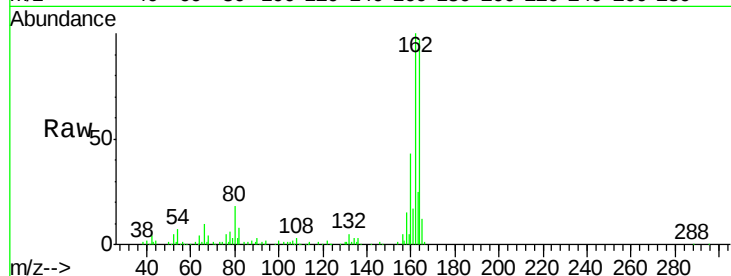
Tot Ion:164 Resp: 125305

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

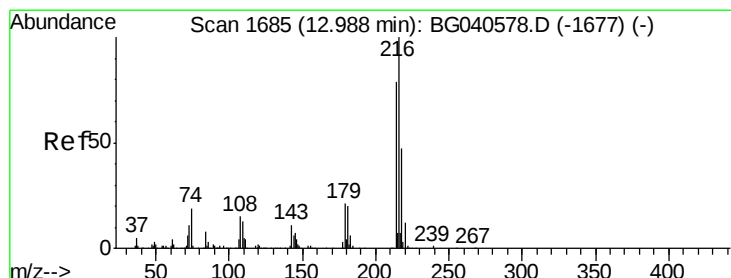
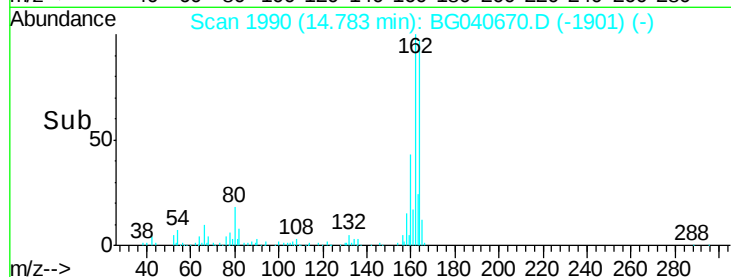
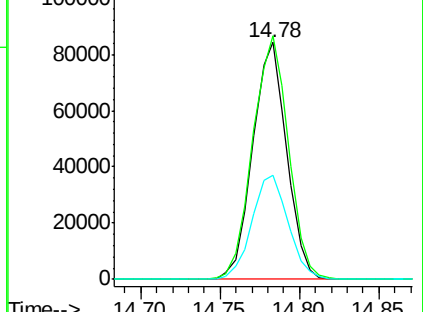
160 43.7 35.4 53.2



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: 43.572 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Tgt Ion:216 Resp: 203393

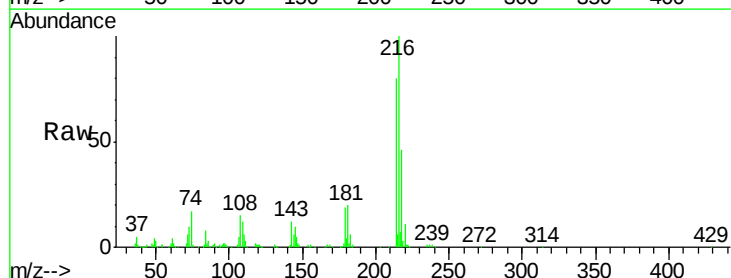
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 19.4 16.6 24.8

108 18.7 14.7 22.1

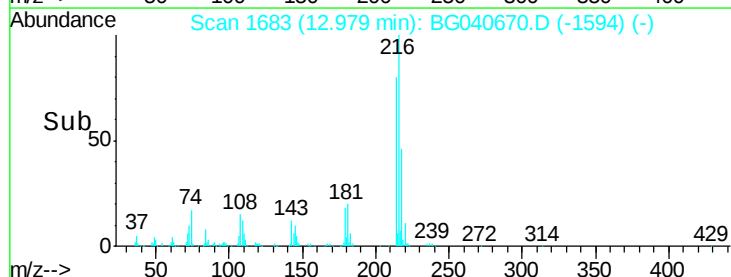
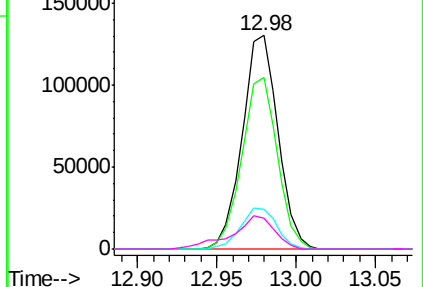


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.598 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

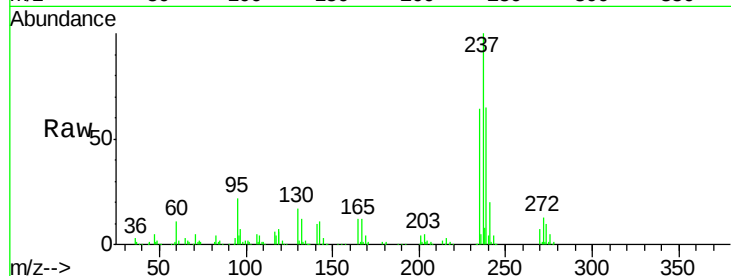
Tot Ion:237 Resp: 255058

Ion Ratio Lower Upper

237 100

235 64.2 42.5 82.5

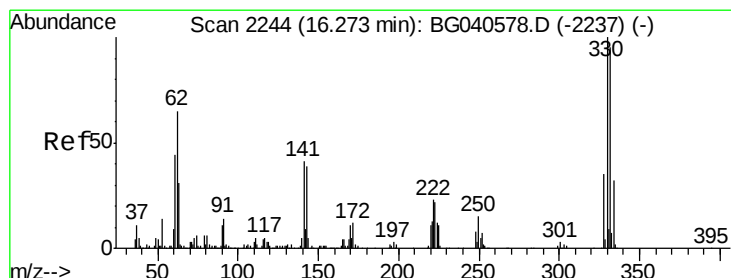
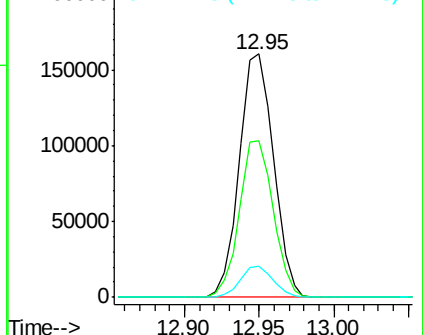
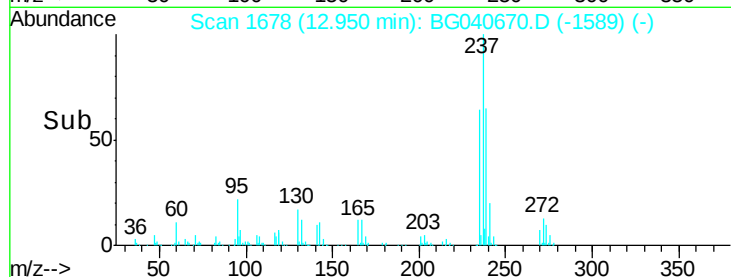
272 12.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.804 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

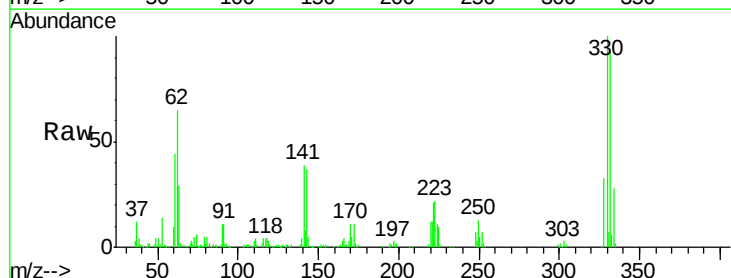
Tgt Ion:330 Resp: 154674

Ion Ratio Lower Upper

330 100

332 97.3 75.9 113.9

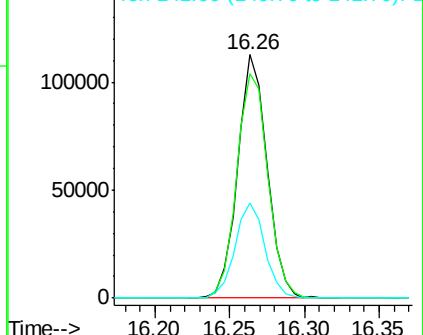
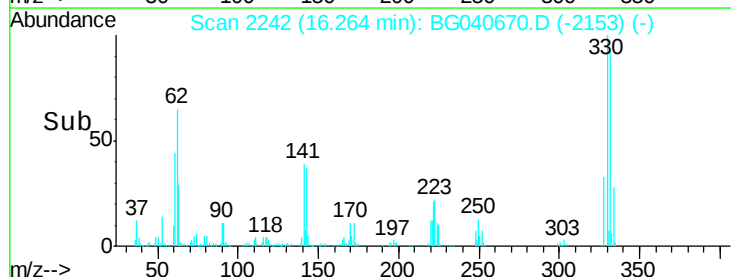
141 39.9 32.4 48.6

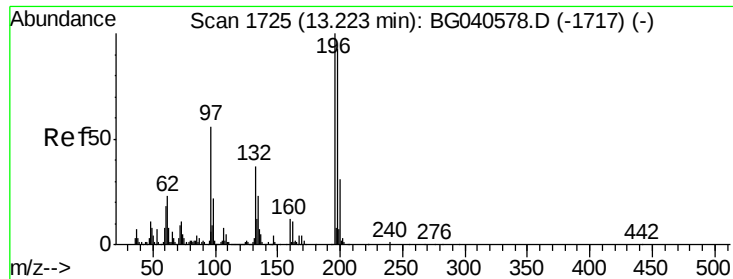


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

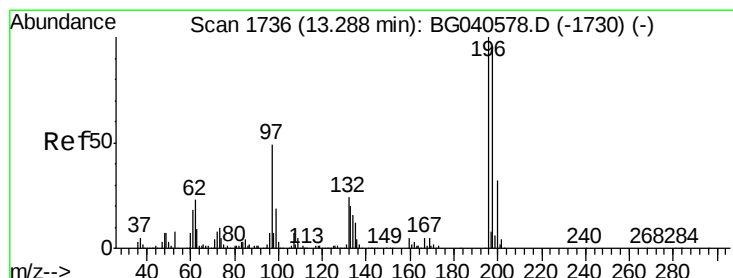
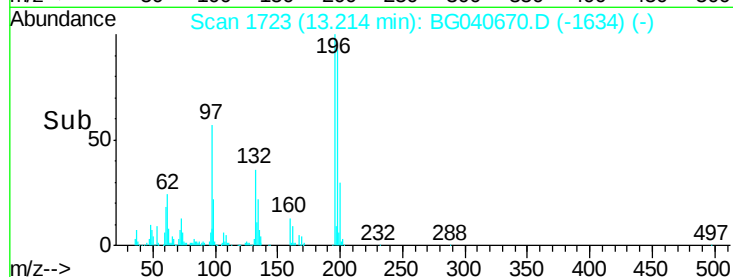
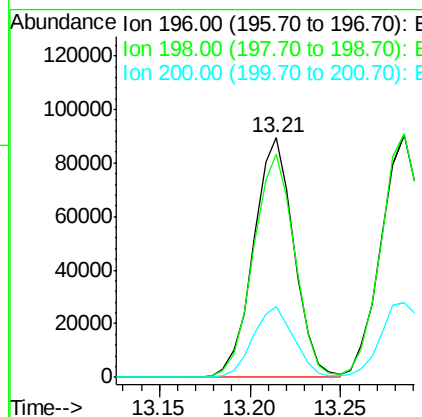
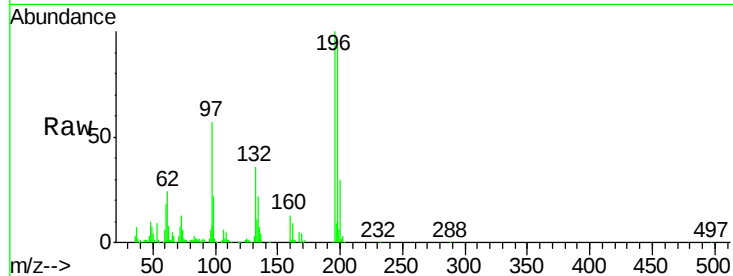




#43
 2,4,6-Trichlorophenol
 Concen: 48.967 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

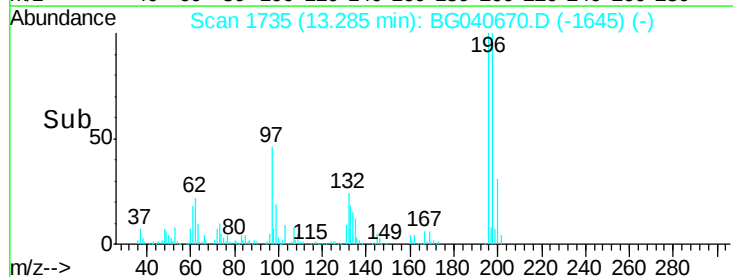
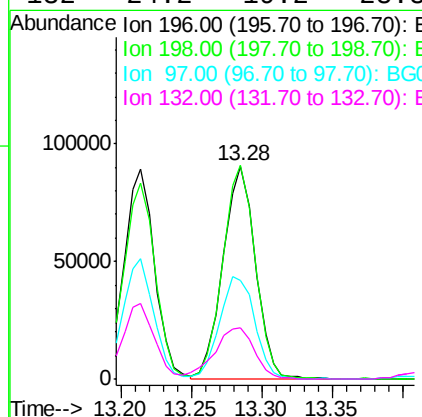
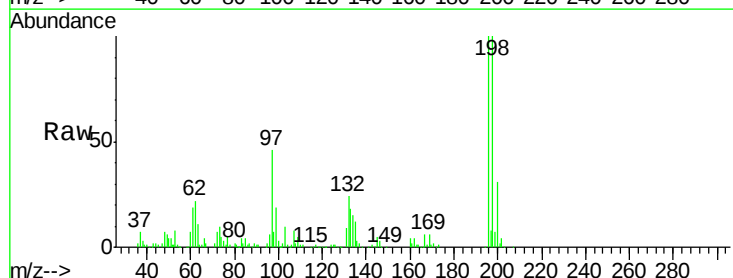
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 138128
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.8 112.2
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.057 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion:196 Resp: 144602
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.0 115.6
 97 46.2 40.0 60.0
 132 24.2 19.2 28.8

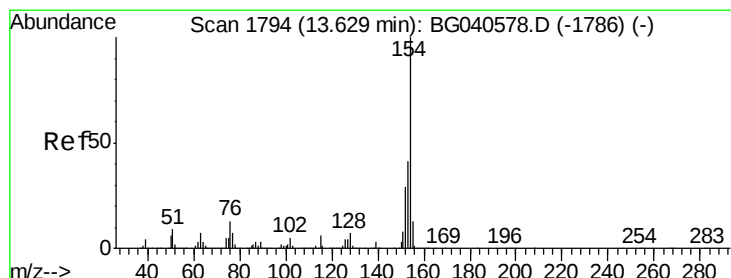
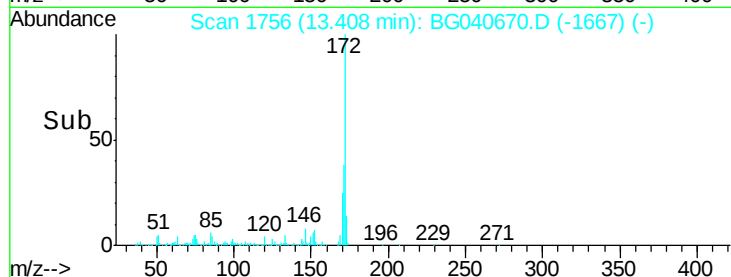
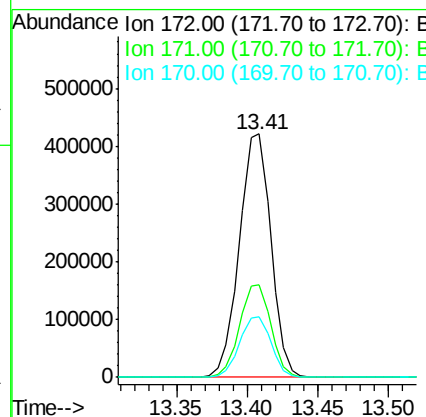
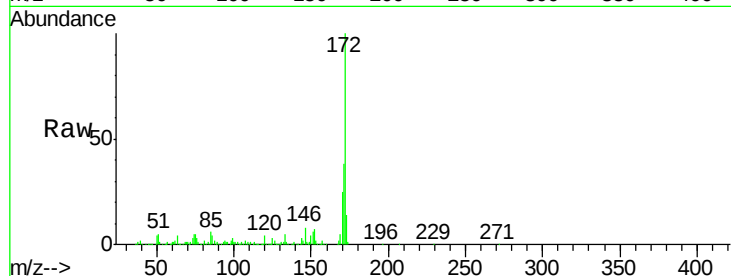




#45
2-Fluorobiphenyl
Concen: 75.872 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

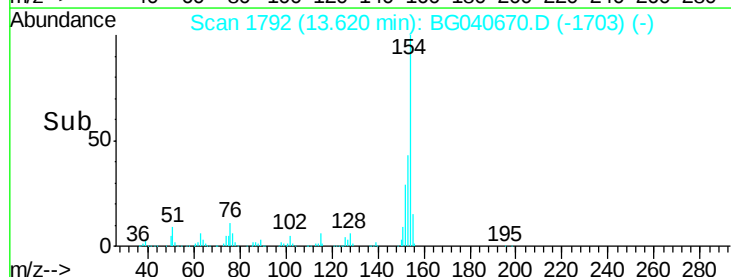
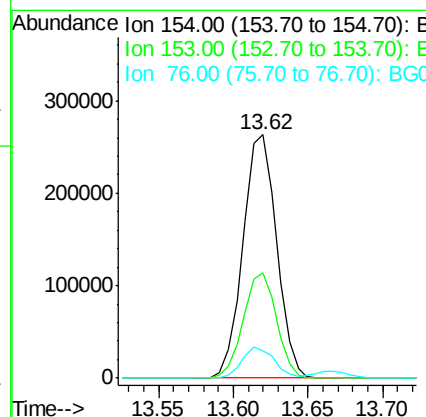
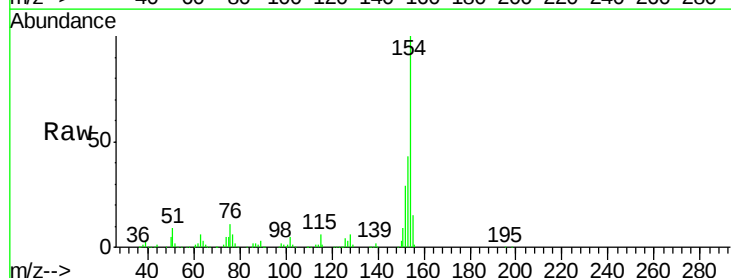
Instrument :
BNA_G
ClientSampled :

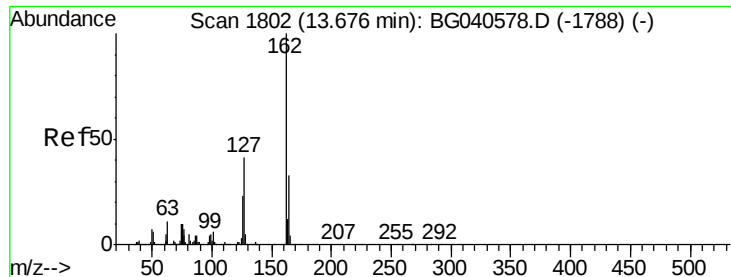
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.0	19.9	29.9



#46
1,1'-Biphenyl
Concen: 42.134 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	20.5	60.5
76	11.3	0.0	32.5

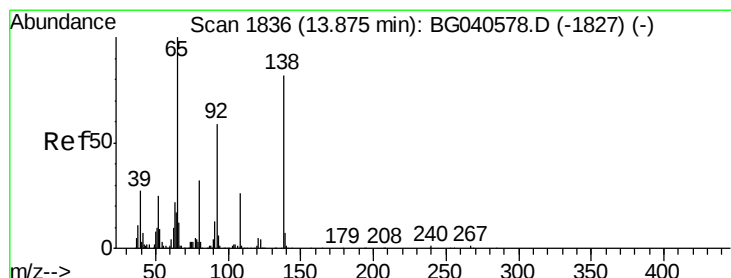
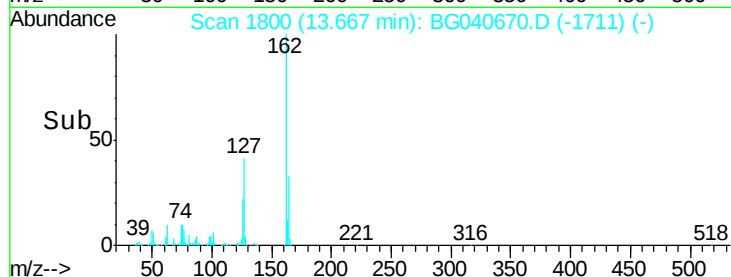
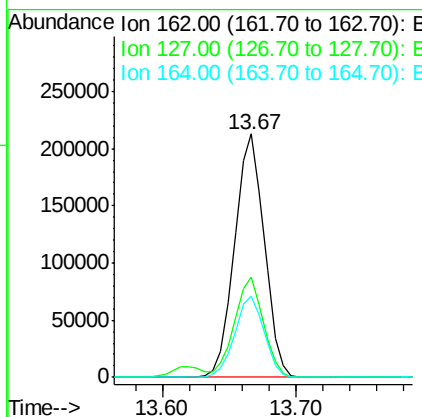
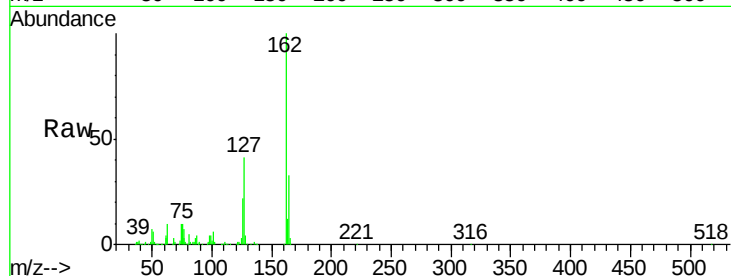




#47
 2-Chloronaphthalene
 Concen: 43.017 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

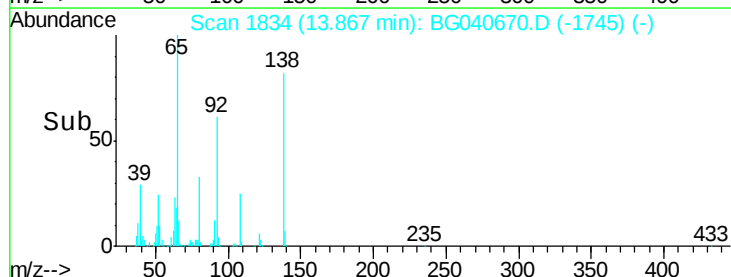
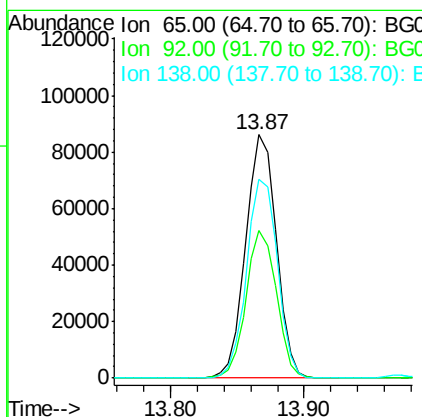
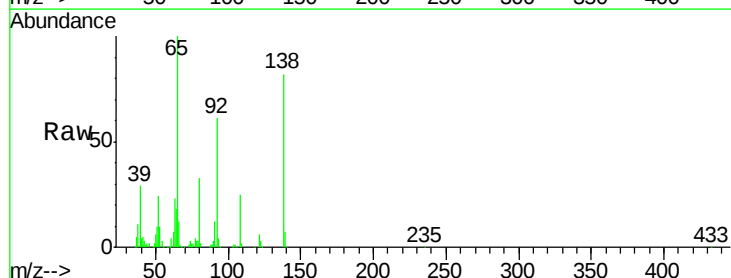
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.0	49.4
164	33.0	26.8	40.2



#48
 2-Nitroaniline
 Concen: 50.462 ng
 RT: 13.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	47.4	71.0
138	81.5	66.1	99.1





#49

Acenaphthylene

Concen: 40.600 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

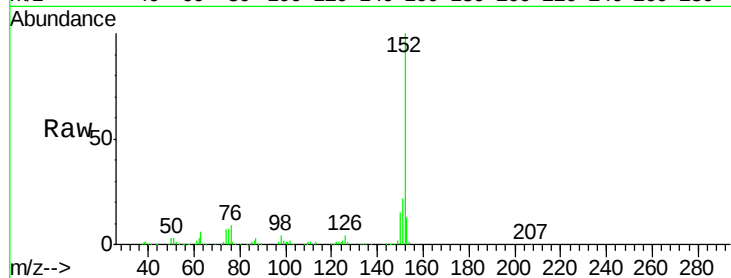
Tot Ion:152 Resp: 524448

Ion Ratio Lower Upper

152 100

151 22.4 17.2 25.8

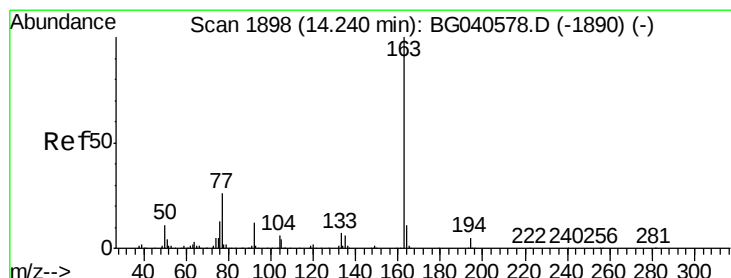
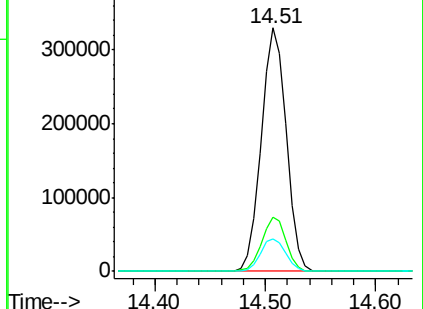
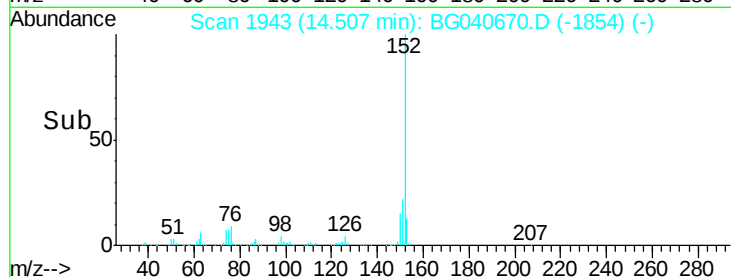
153 13.4 10.7 16.1



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: 42.201 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

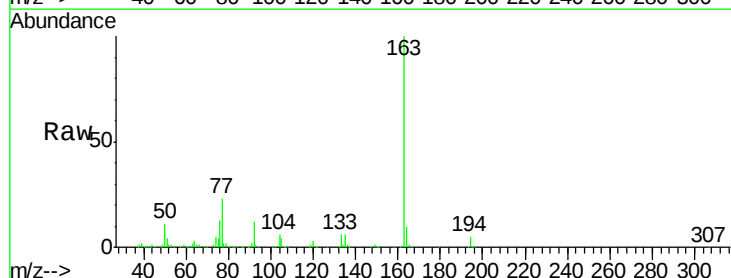
Tgt Ion:163 Resp: 442439

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

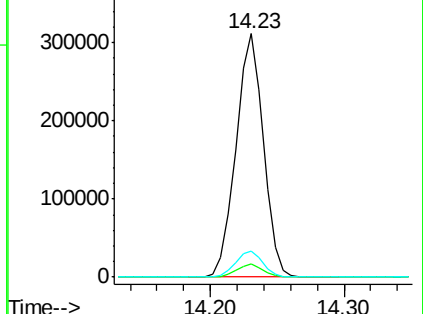
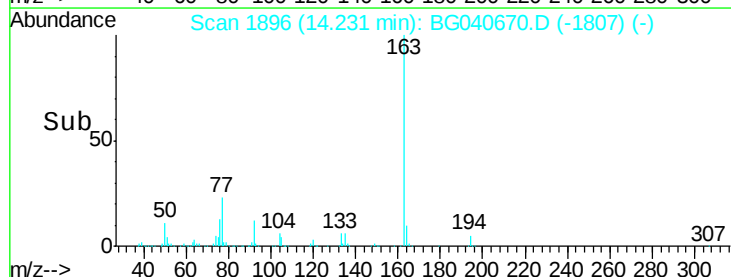
164 10.4 8.8 13.2



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: 47.117 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

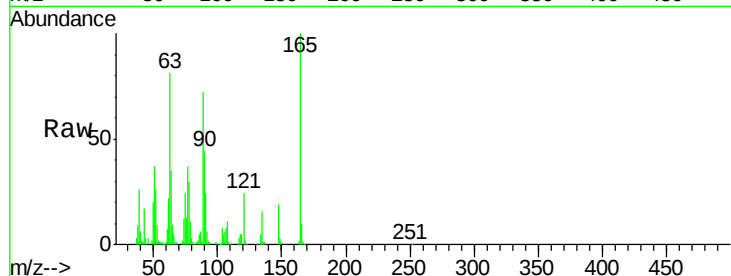
Tot Ion:165 Resp: 96408

Ion Ratio Lower Upper

165 100

63 81.4 61.0 91.4

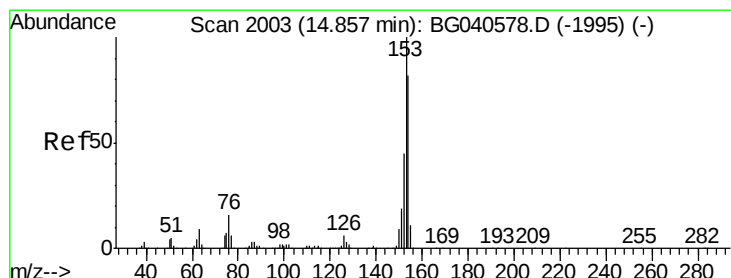
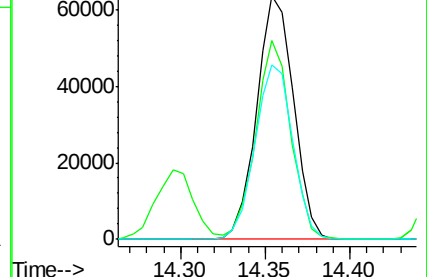
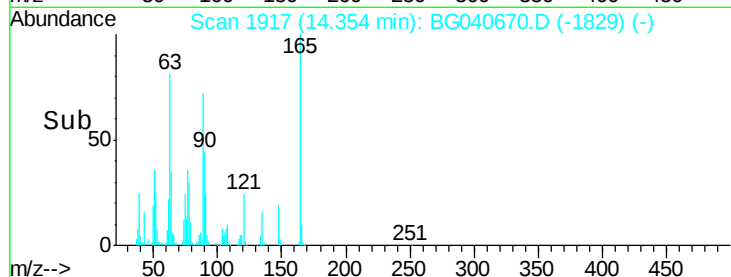
89 71.7 58.6 87.8



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: 41.346 ng

RT: 14.85 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

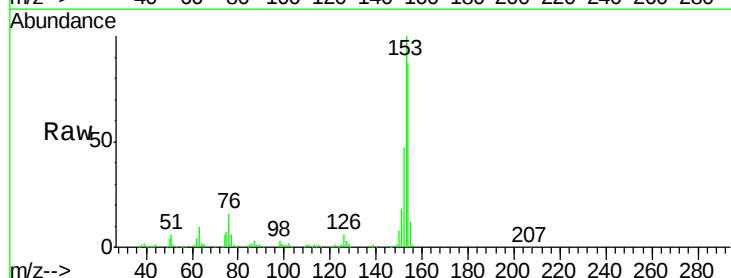
Tgt Ion:154 Resp: 311028

Ion Ratio Lower Upper

154 100

153 114.4 97.0 145.6

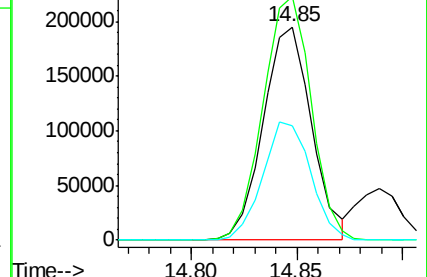
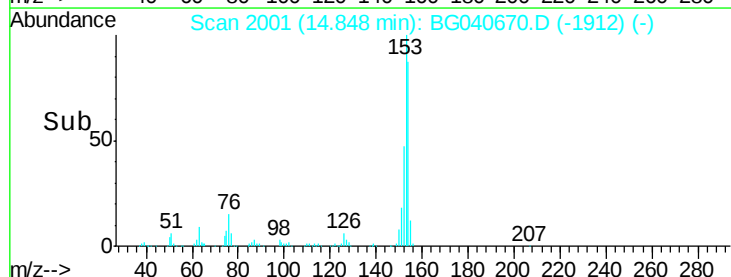
152 53.6 44.1 66.1



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

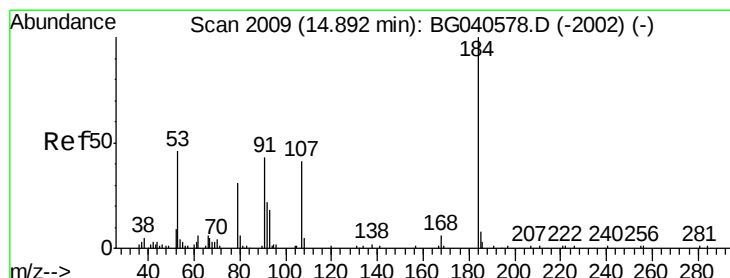
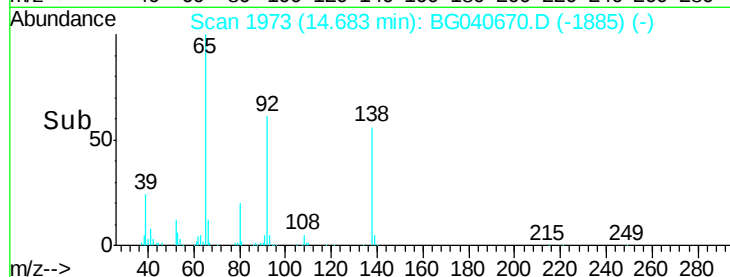
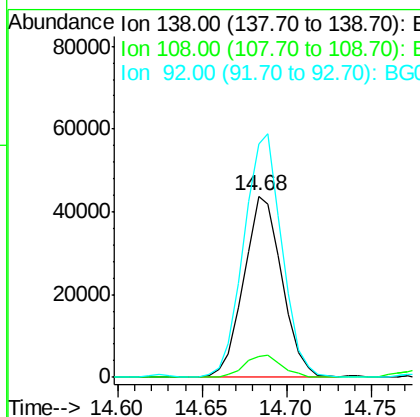
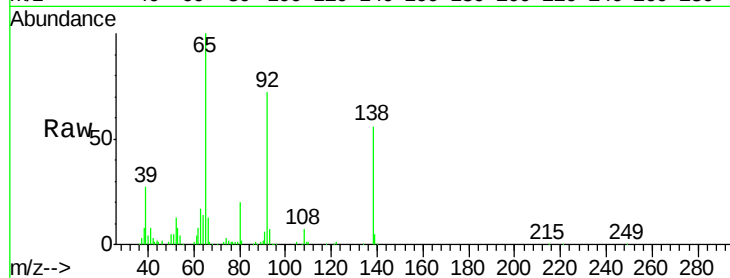




#53
 3-Nitroaniline
 Concen: 32.713 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

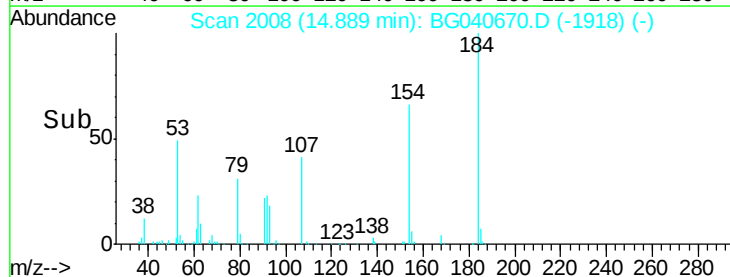
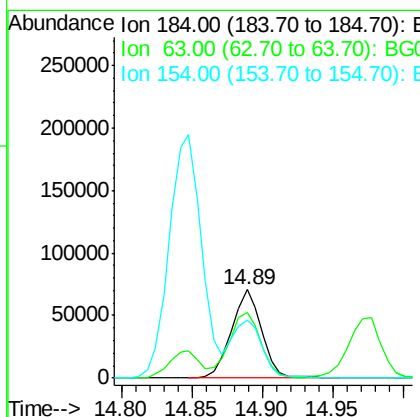
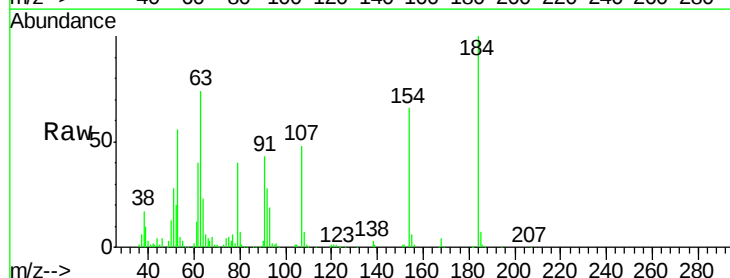
Instrument :
 BNA_G
 ClientSampleId :

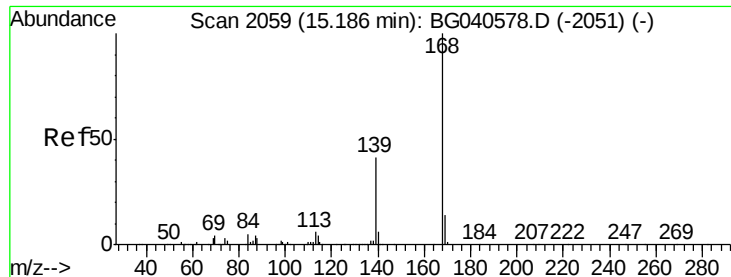
Tot Ion:138 Resp: 68583
 Ion Ratio Lower Upper
 138 100
 108 11.8 12.4 18.6#
 92 129.3 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 90.887 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion:184 Resp: 106092
 Ion Ratio Lower Upper
 184 100
 63 74.2 51.8 77.6
 154 66.2 43.6 65.4#





#55

Dibenzenofuran

Concen: 42.432 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

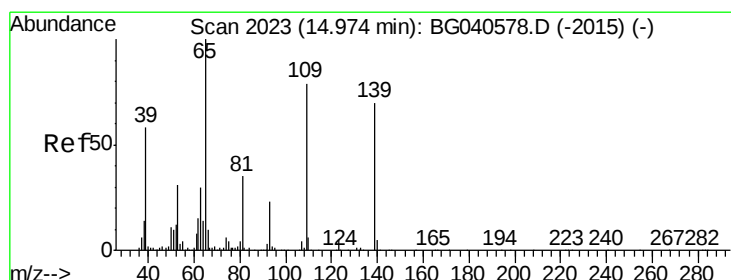
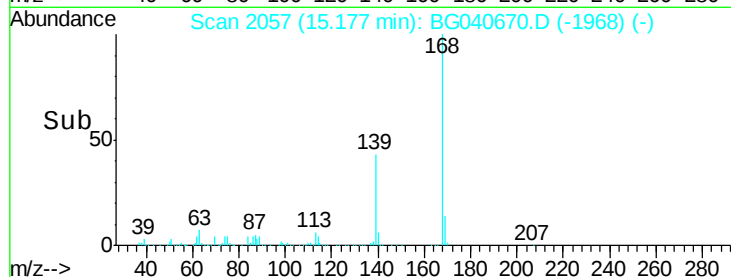
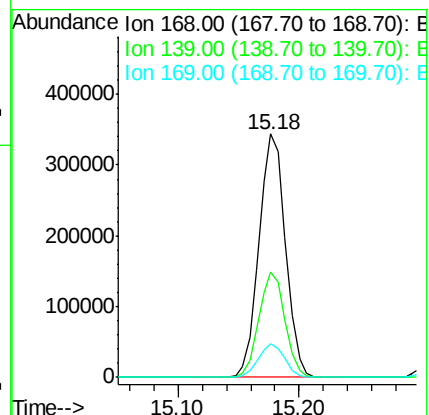
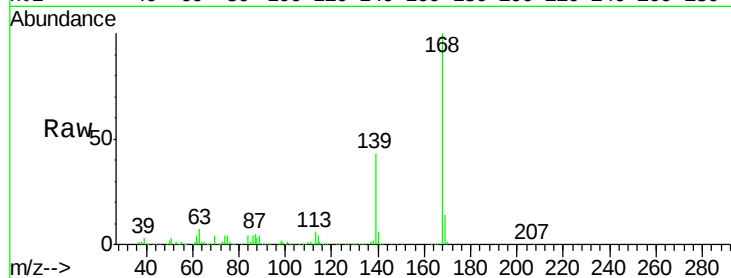
Tot Ion:168 Resp: 522829

Ion Ratio Lower Upper

168 100

139 43.2 33.0 49.4

169 13.8 11.0 16.4



#56

4-Nitrophenol

Concen: 99.096 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

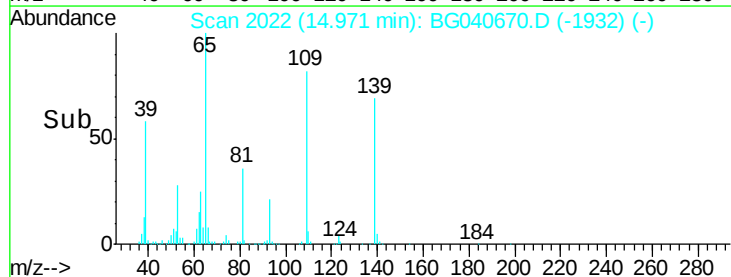
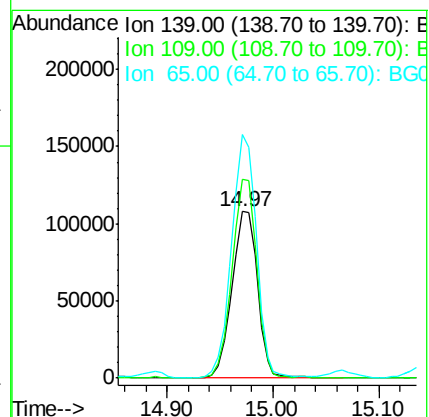
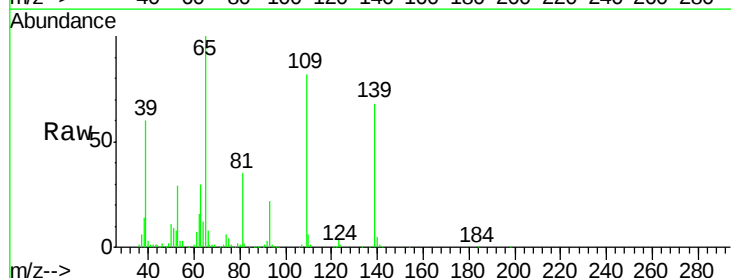
Tgt Ion:139 Resp: 180149

Ion Ratio Lower Upper

139 100

109 119.5 93.8 133.8

65 146.0 122.7 162.7

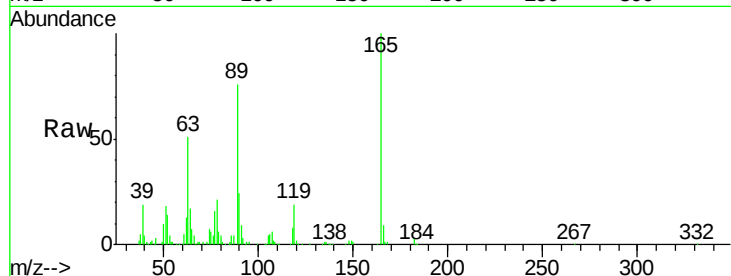




#57
 2,4-Dinitrotoluene
 Concen: 51.656 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	51.4	45.8	68.8	
89	75.6	69.4	104.2	
182	3.1	2.2	3.4	

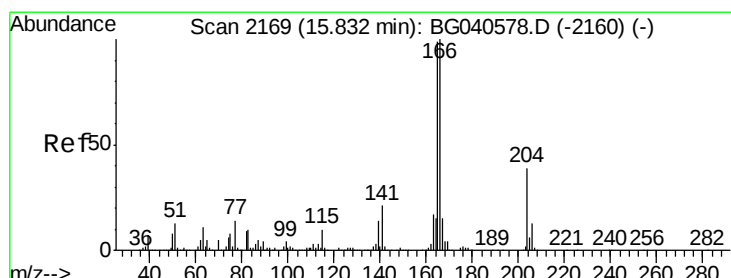
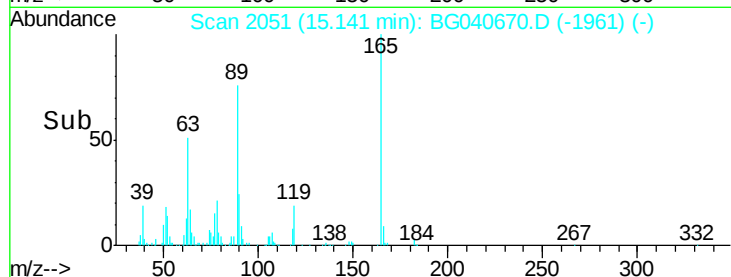
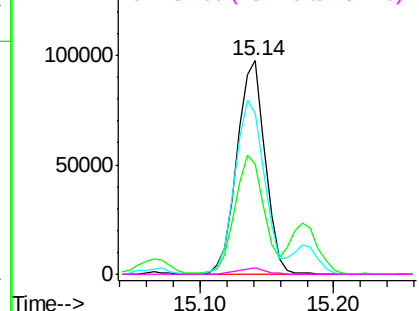


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

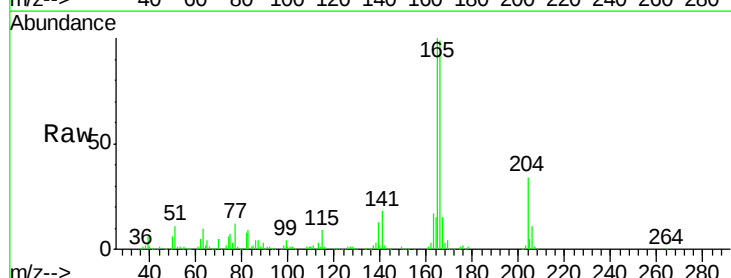
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.207 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

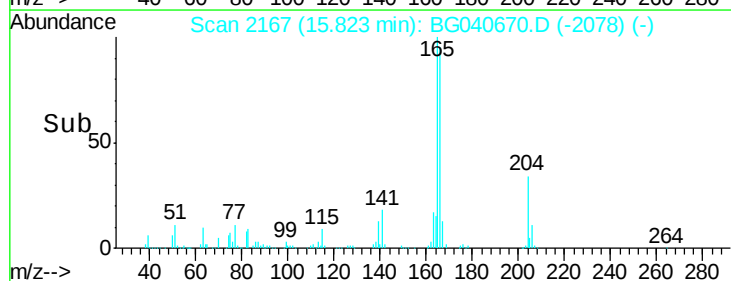
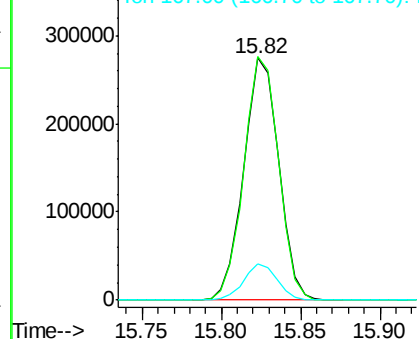
Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	100.6	79.6	119.4	
167	14.9	12.2	18.2	

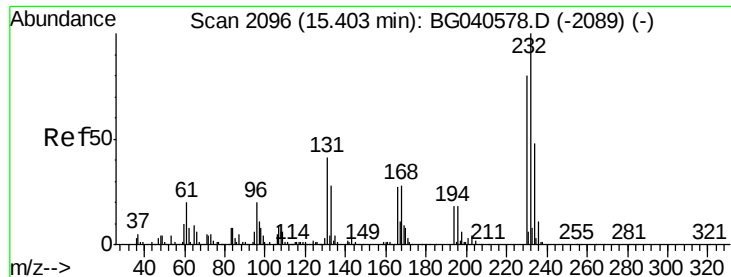


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

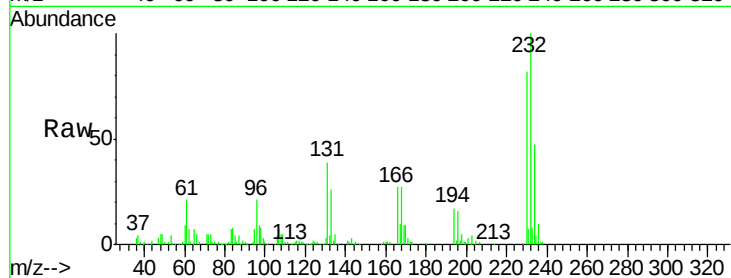




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.679 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	156748
Ion Ratio	Lower	Upper
232	100	
131	40.6	33.0 49.4
130	3.0	2.0 3.0
166	27.2	22.1 33.1

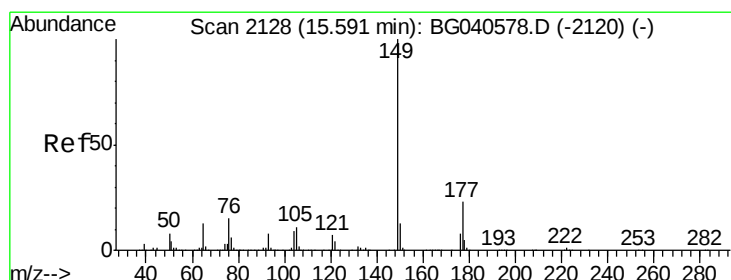
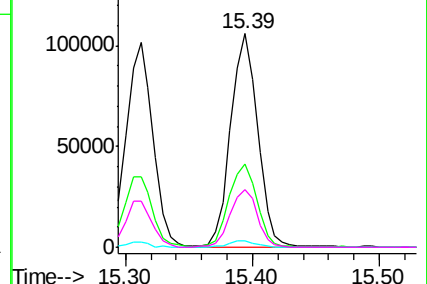
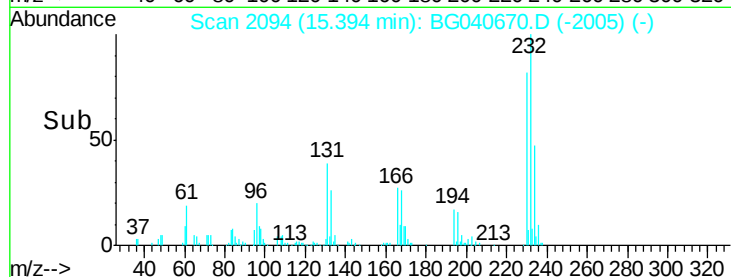


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

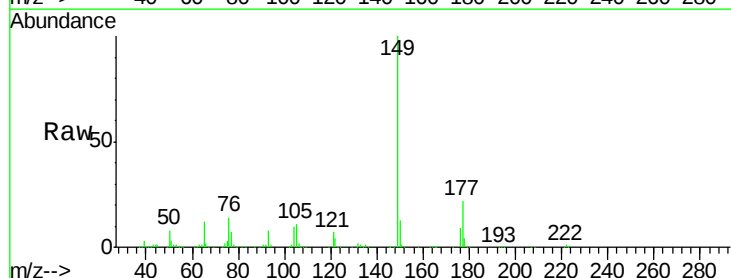
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.394 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

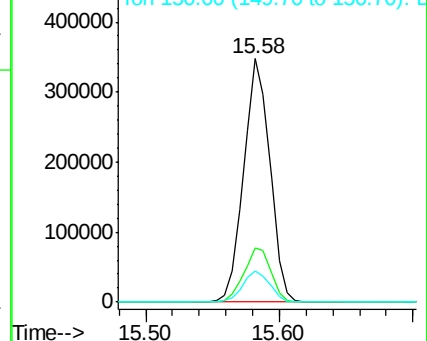
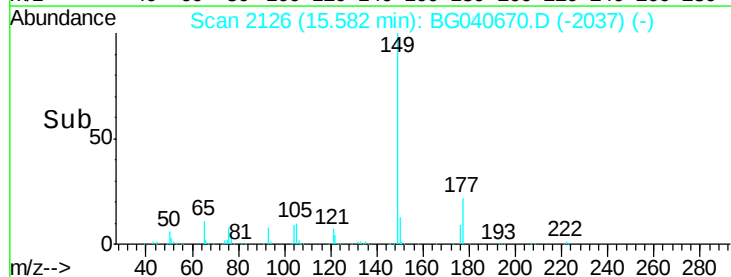
Tgt Ion:149	Resp:	468946
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.5 27.7
150	12.9	10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

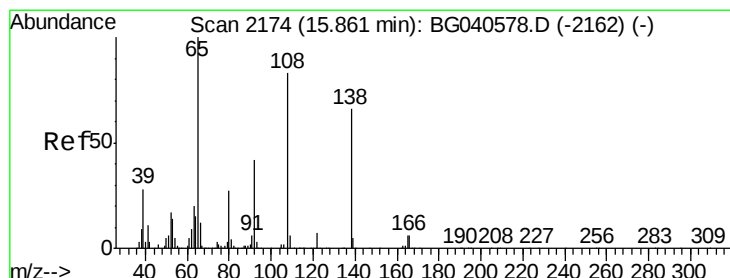
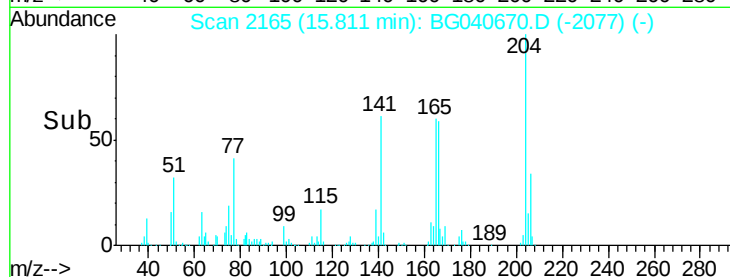
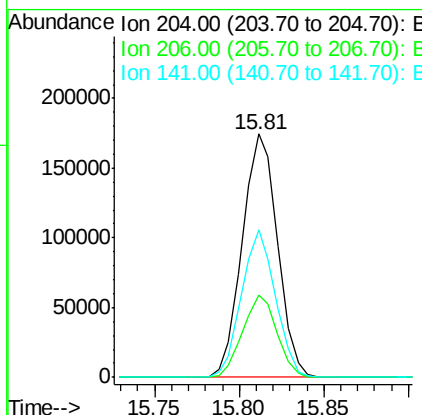
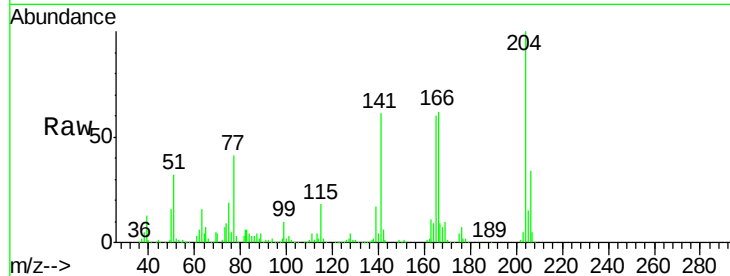




#61
 4-Chlorophenyl-phenylether
 Concen: 43.635 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

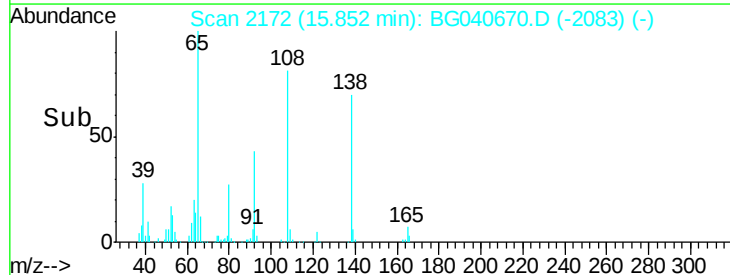
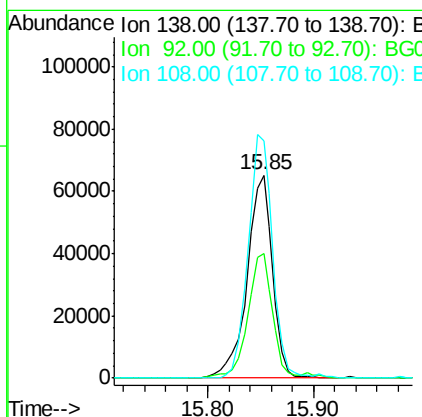
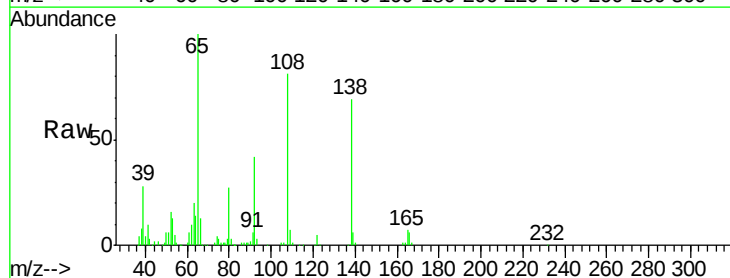
Instrument :
 BNA_G
 ClientSampled :

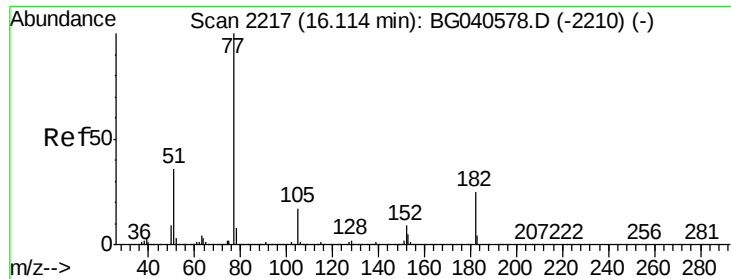
Tot Ion: 204 Resp: 252744
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.4 41.2
 141 60.7 46.0 69.0



#62
 4-Nitroaniline
 Concen: 46.908 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion: 138 Resp: 110010
 Ion Ratio Lower Upper
 138 100
 92 61.4 43.9 83.9
 108 116.8 106.5 146.5

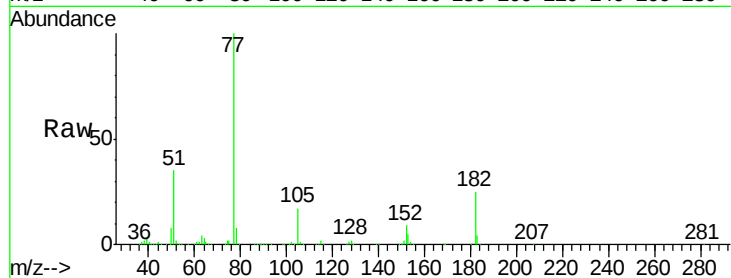




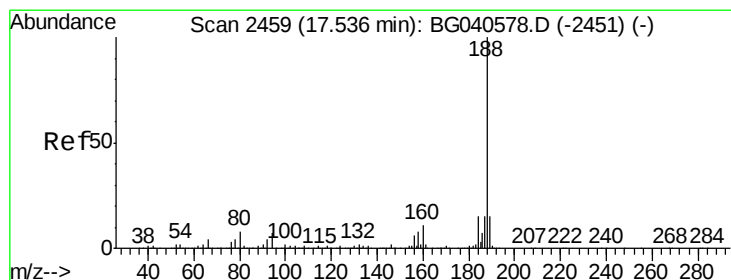
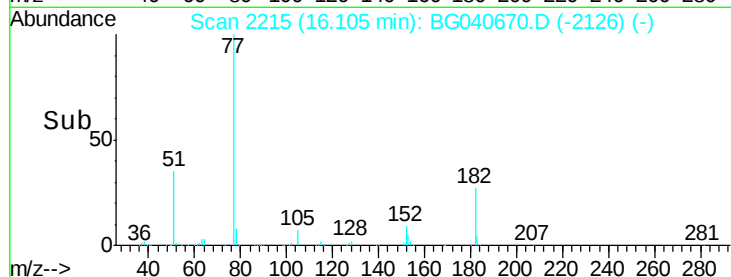
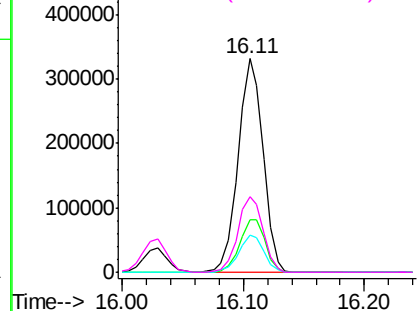
#63
Azobenzene
Concen: 41.924 ng
RT: 16.11 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	477591
Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.0	45.0
105	17.5	0.0	37.6
51	35.4	16.3	56.3

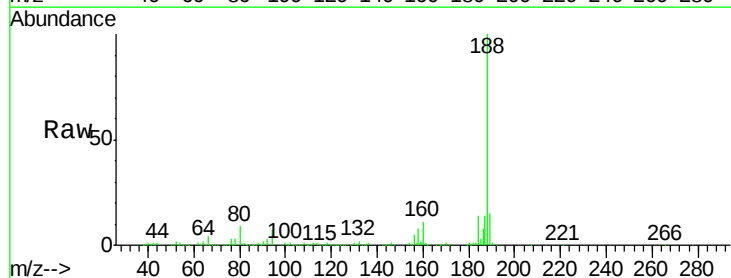


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

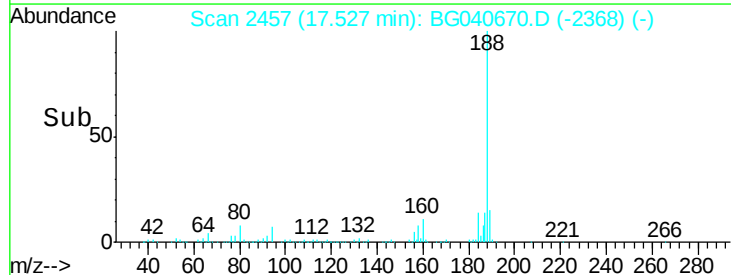
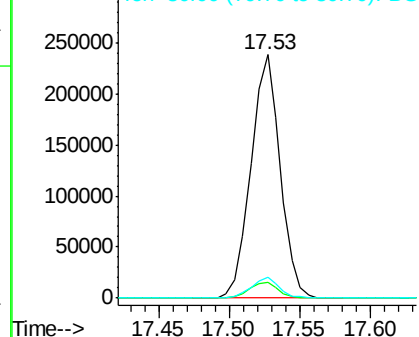


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion:	188	Resp:	345604
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.6	8.4
80	8.5	6.4	9.6



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

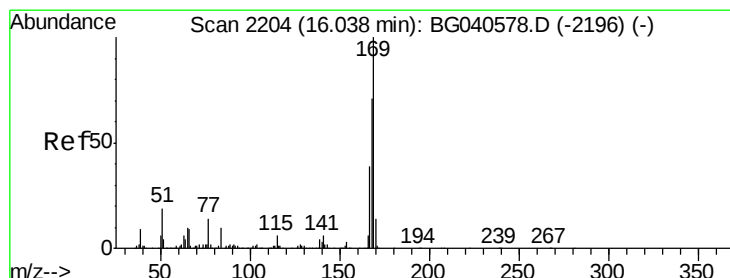
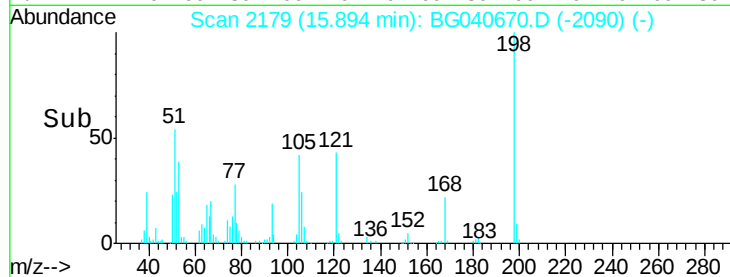
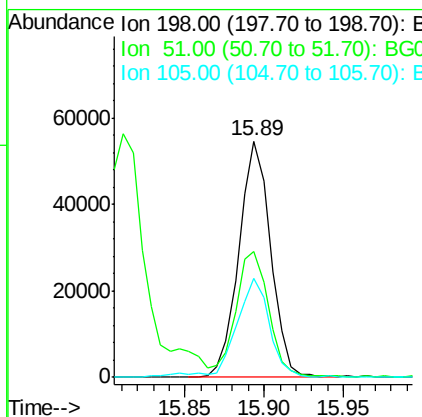
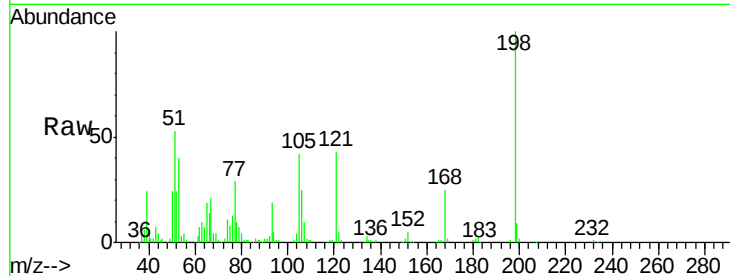




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.077 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

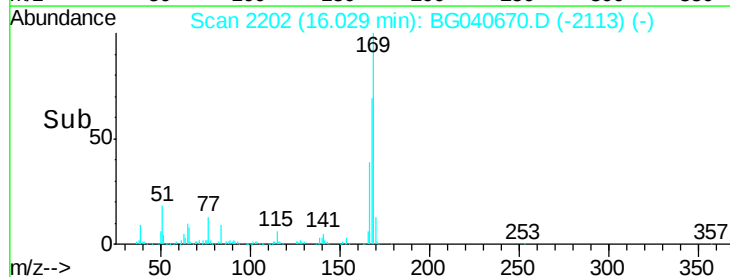
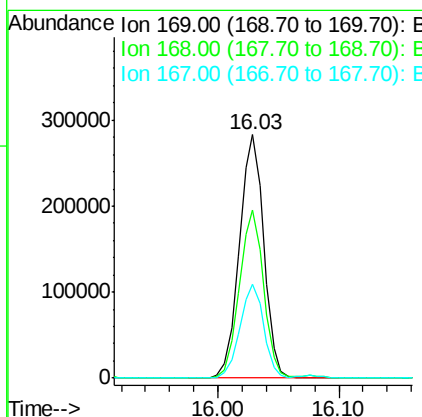
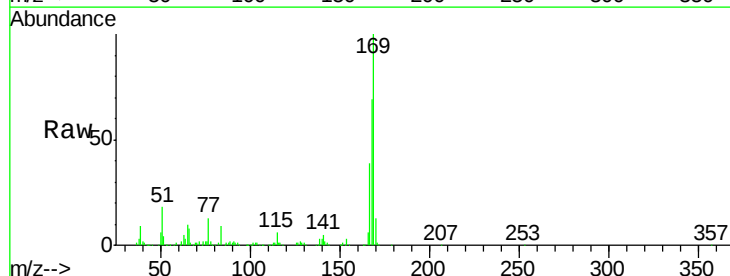
Instrument :
 BNA_G
 ClientSampleId :

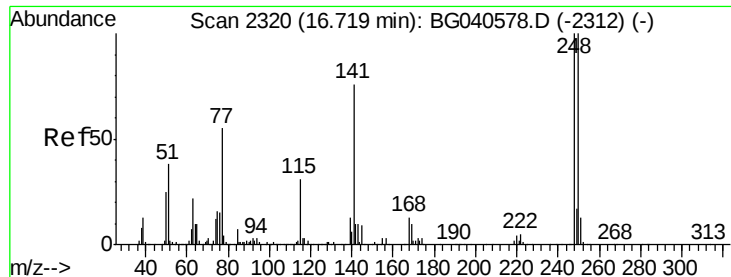
Tot Ion:198 Resp: 75896
 Ion Ratio Lower Upper
 198 100
 51 53.3 35.9 75.9
 105 42.0 21.2 61.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.148 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion:169 Resp: 398062
 Ion Ratio Lower Upper
 169 100
 168 69.1 56.8 85.2
 167 38.7 31.4 47.0

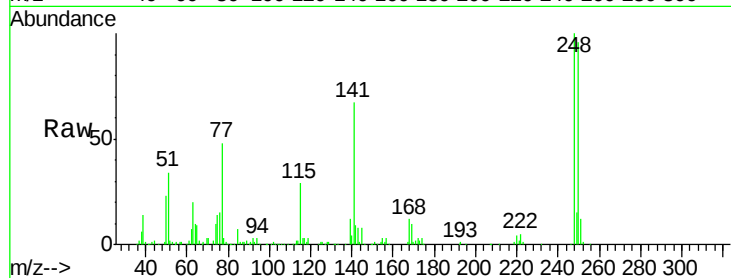




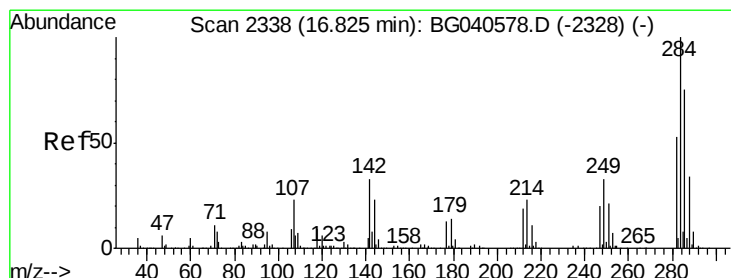
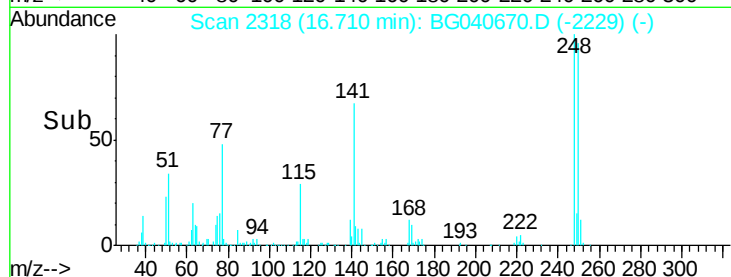
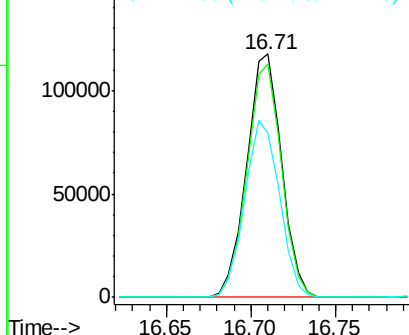
#67
4-Bromophenyl-phenylether
Concen: 39.304 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 169231
Ion Ratio Lower Upper
248 100
250 95.6 79.8 119.6
141 67.4 60.8 91.2

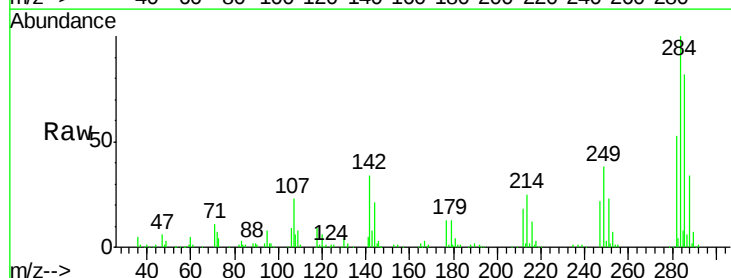


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

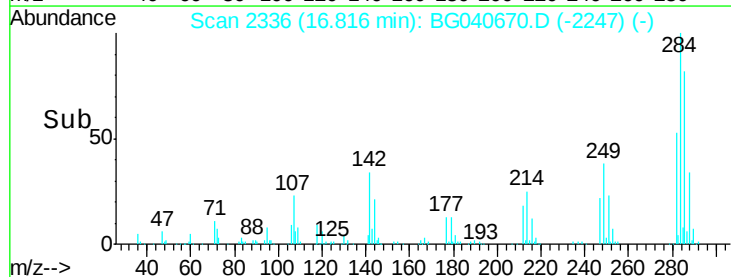
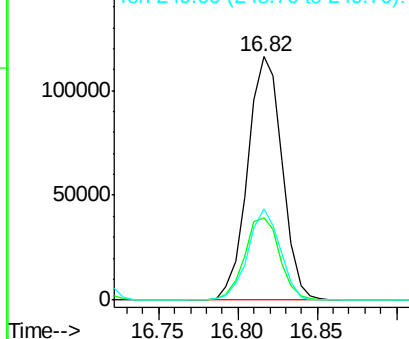


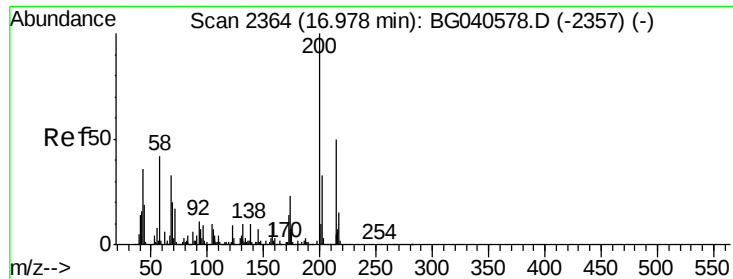
#68
Hexachlorobenzene
Concen: 39.405 ng
RT: 16.82 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion:284 Resp: 175437
Ion Ratio Lower Upper
284 100
142 34.0 26.6 40.0
249 37.7 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: 56.959 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampled :

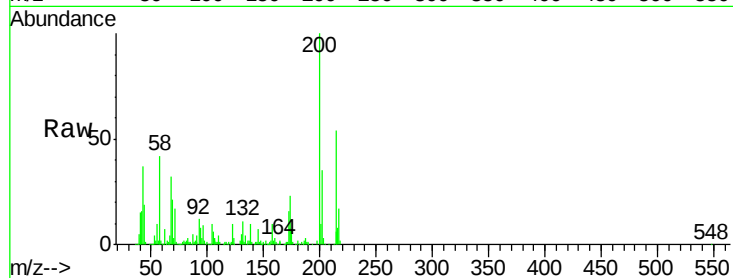
Tot Ion:200 Resp: 229460

Ion Ratio Lower Upper

200 100

173 22.8 2.8 42.8

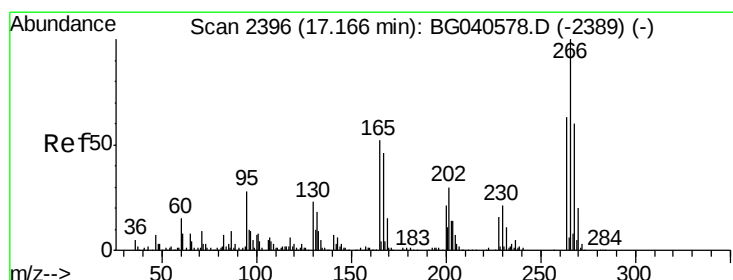
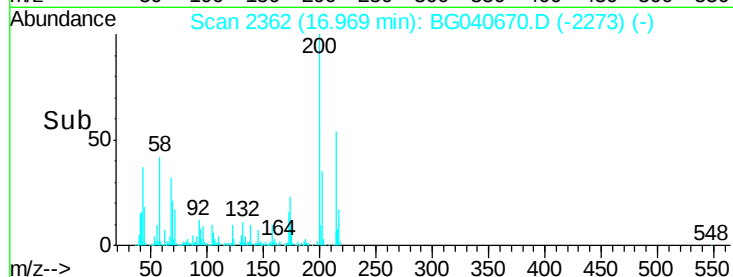
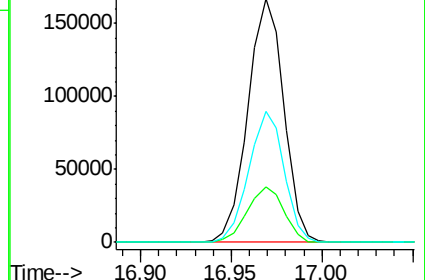
215 53.9 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.863 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

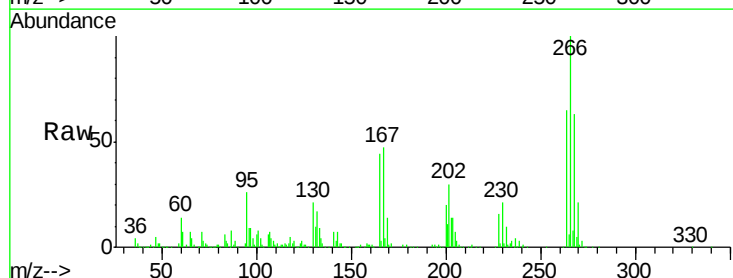
Tgt Ion:266 Resp: 236721

Ion Ratio Lower Upper

266 100

268 63.0 52.3 78.5

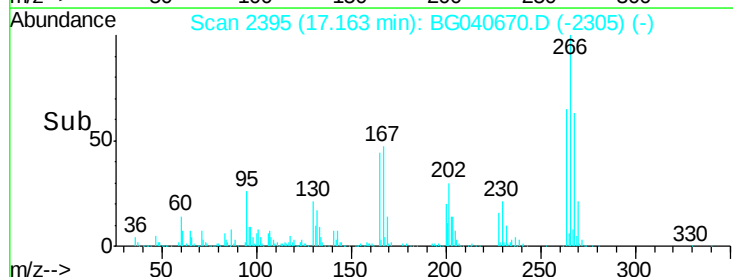
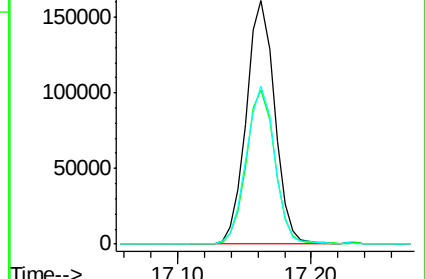
264 65.0 50.0 75.0

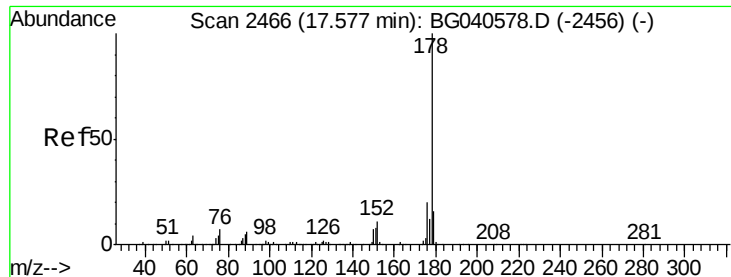


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

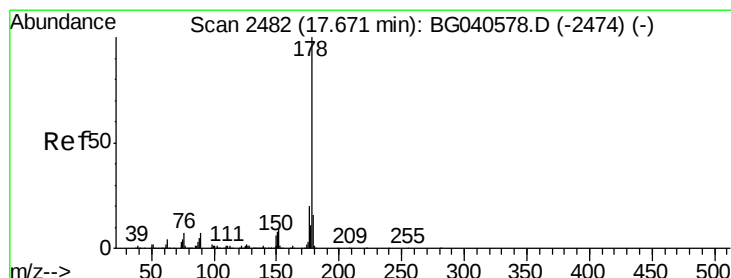
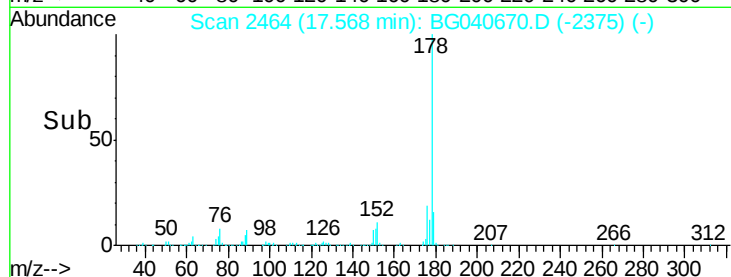
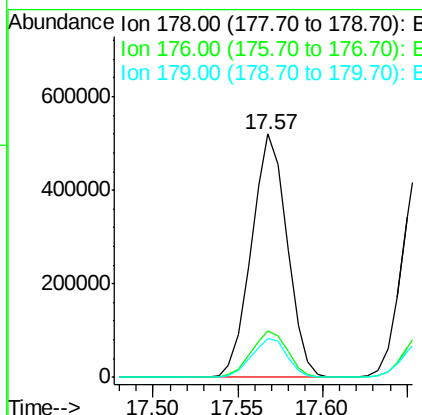
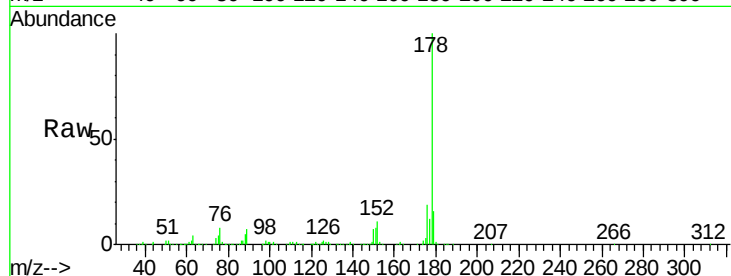




#71
 Phenanthrene
 Concen: 41.226 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

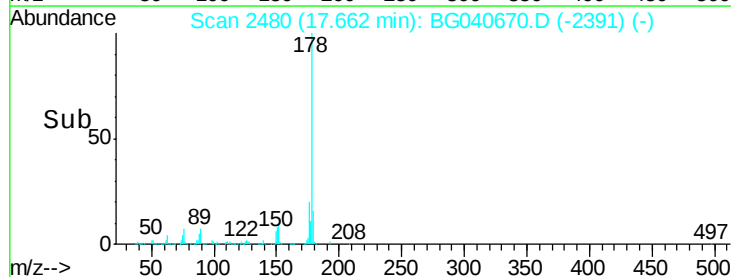
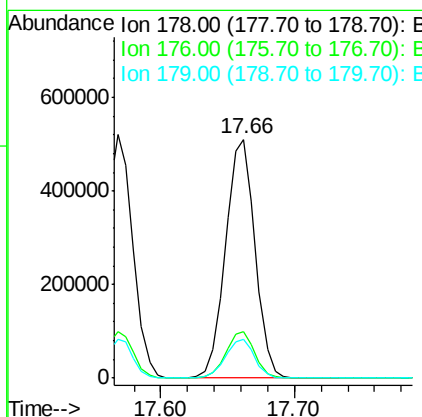
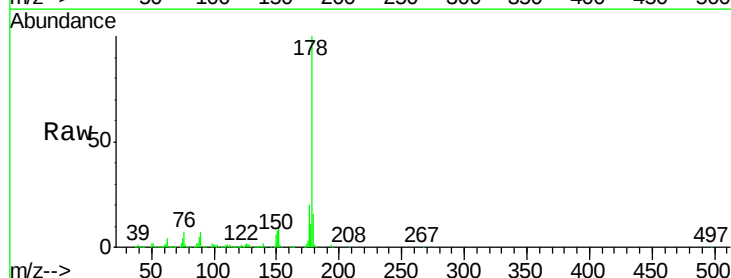
Instrument :
 BNA_G
 ClientSampleId :

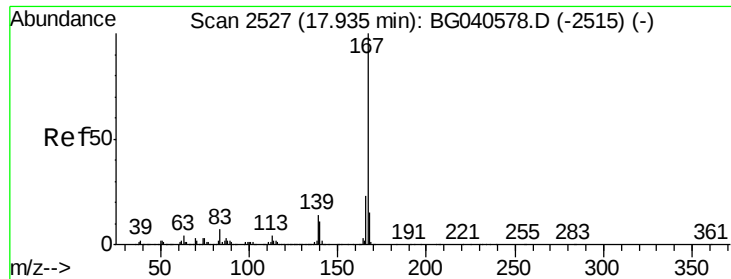
Tot Ion:178 Resp: 767433
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.8 12.6 18.8



#72
 Anthracene
 Concen: 42.040 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion:178 Resp: 786629
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 12.9 19.3

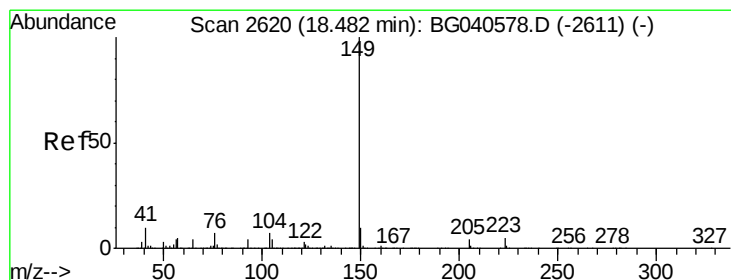
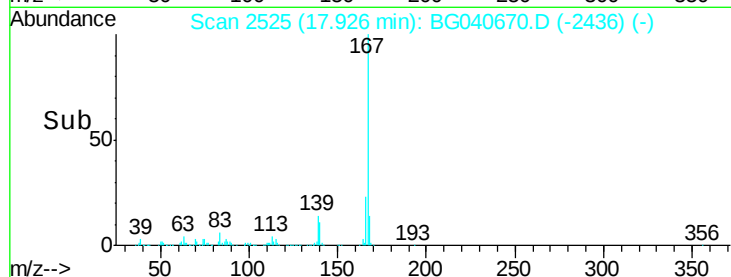
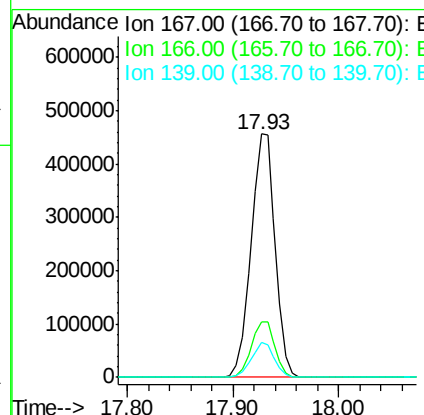
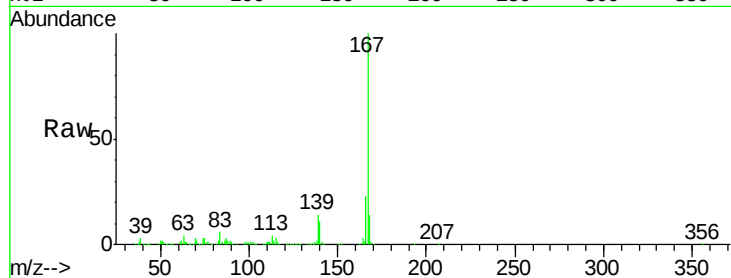




#73
 Carbazole
 Concen: 42.291 ng
 RT: 17.93 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

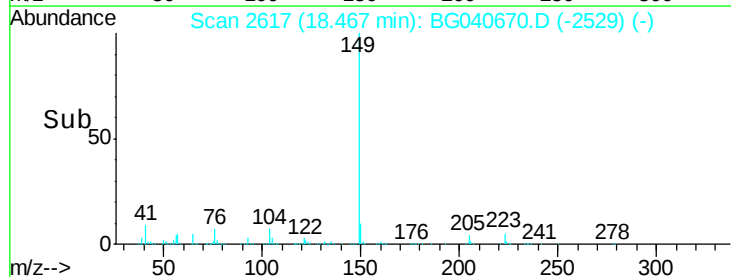
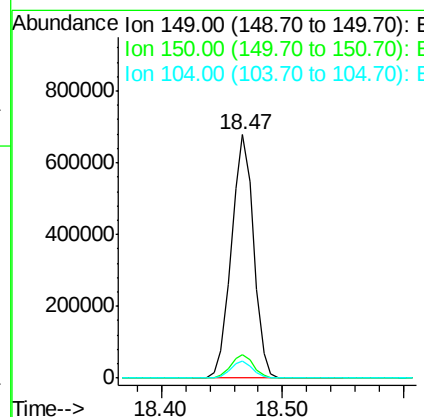
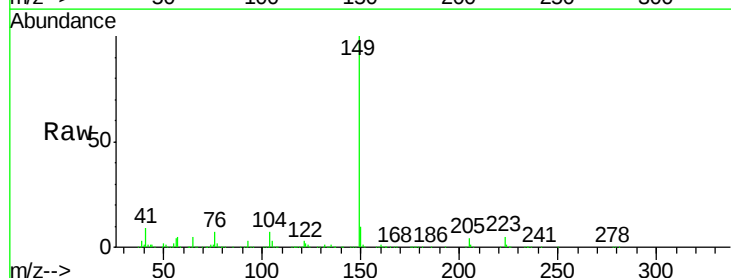
Instrument :
 BNA_G
 ClientSampleId :

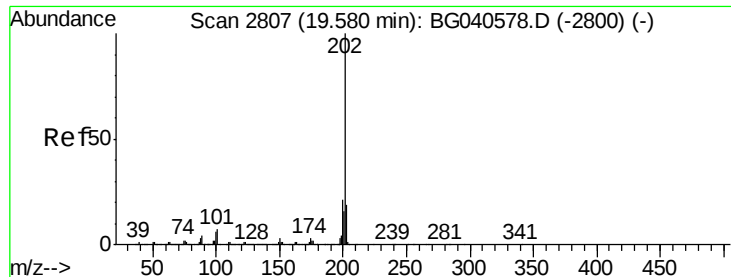
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.809 ng
 RT: 18.47 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG040670.D
 Acq: 29 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	6.9	5.4	8.2





#75

Fluoranthene

Concen: 44.994 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampled :

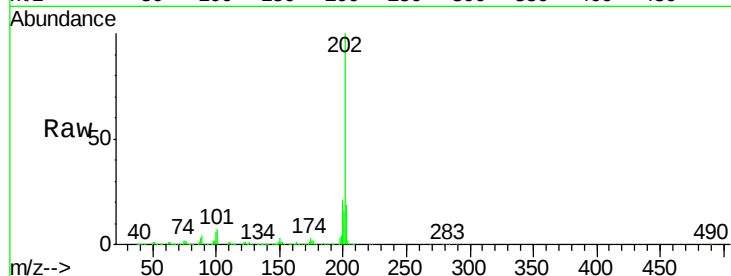
Tot Ion:202 Resp: 1043740

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.5

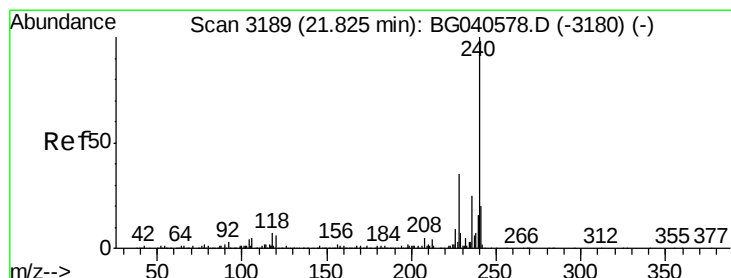
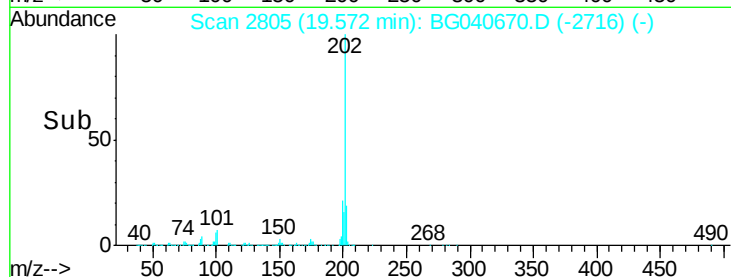
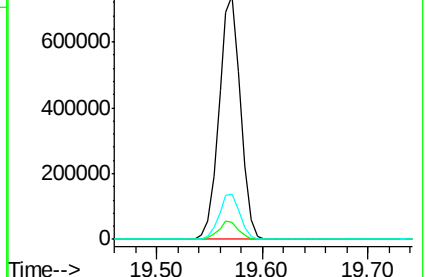
203 18.8 0.0 39.3



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# 3187

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

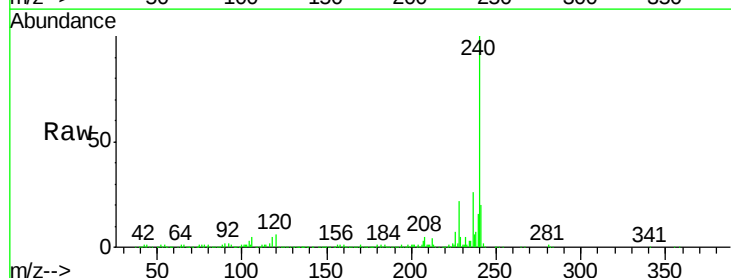
Tgt Ion:240 Resp: 413905

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

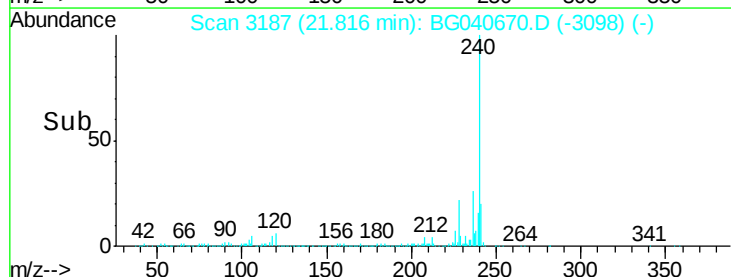
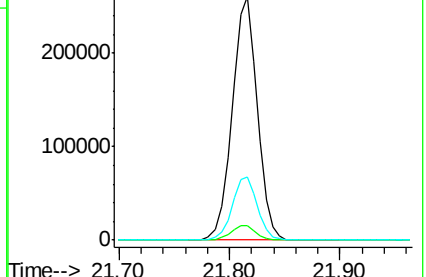
236 25.9 20.3 30.5

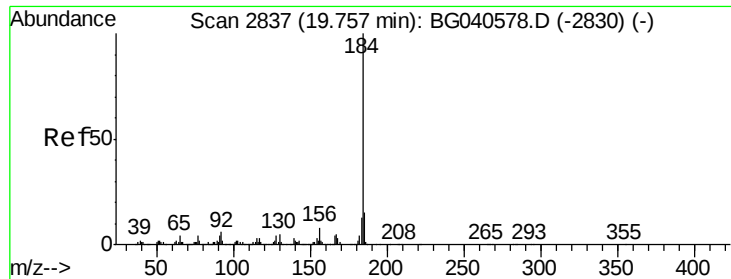


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.748 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

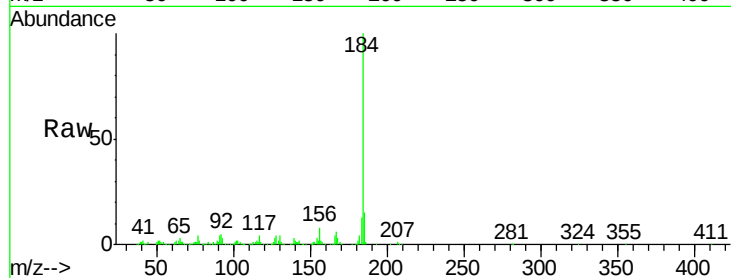
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 371127

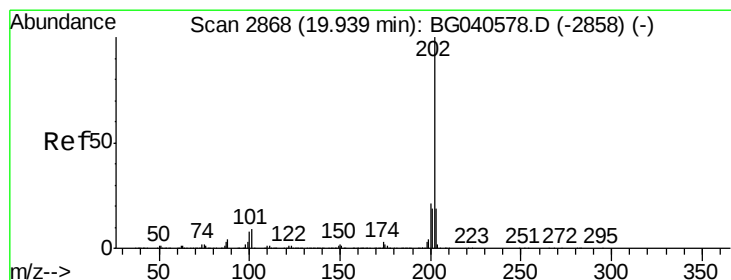
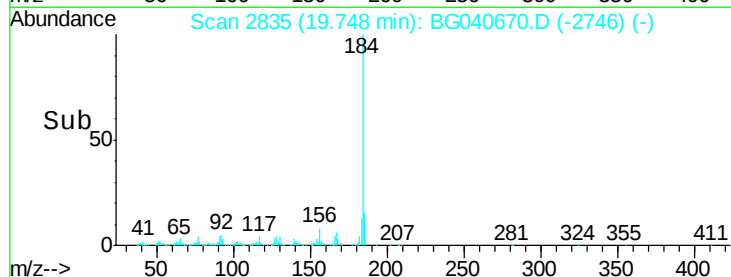
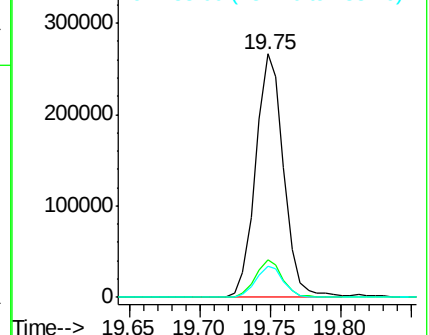
Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.8
183	12.6	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.033 ng

RT: 19.93 min Scan# 2866

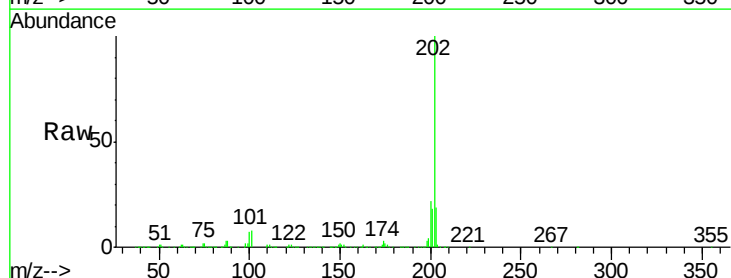
Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Tgt Ion:202 Resp: 1038538

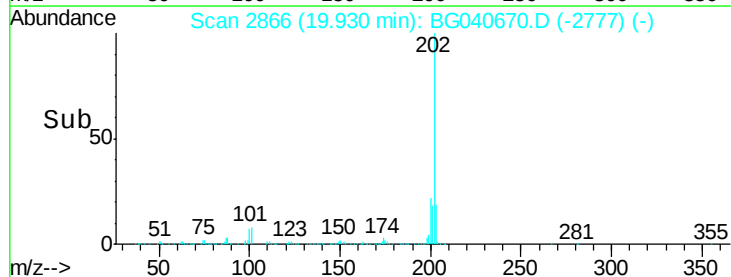
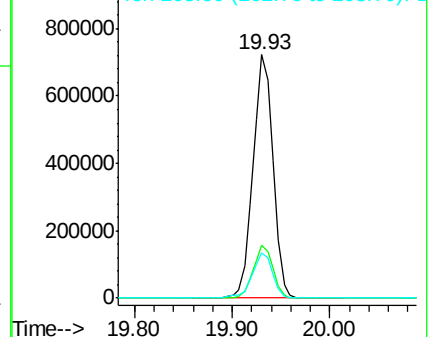
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.5	15.0	22.4

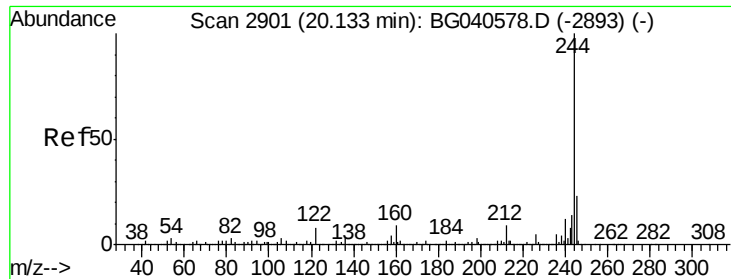


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.395 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

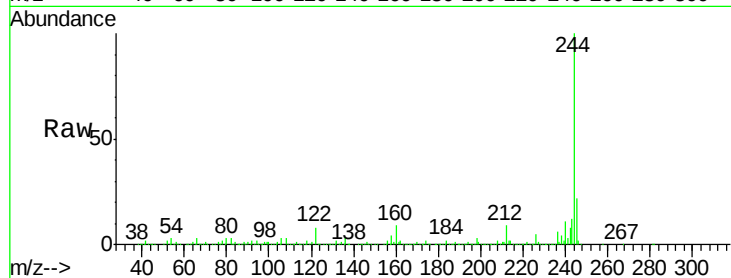
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1389907

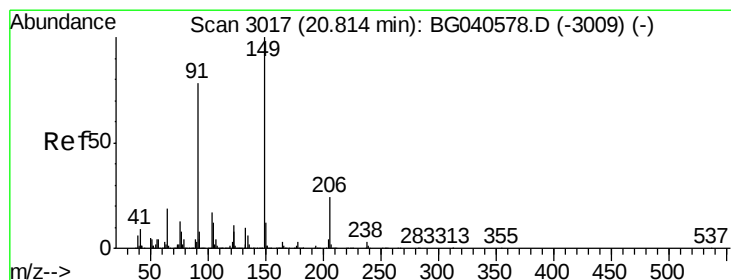
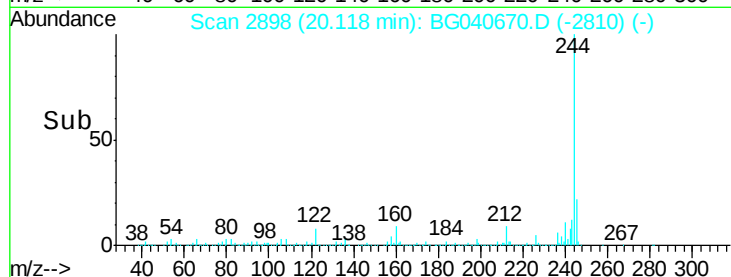
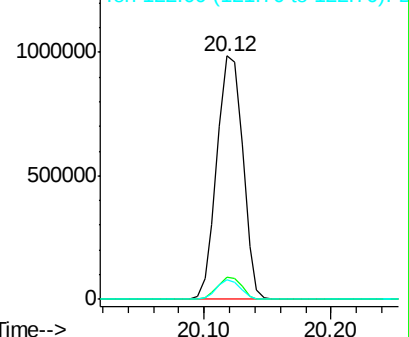
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	8.1	6.6	10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.674 ng

RT: 20.81 min Scan# 3015

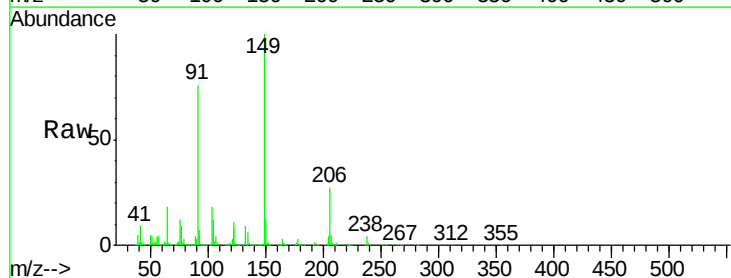
Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Tgt Ion:149 Resp: 411251

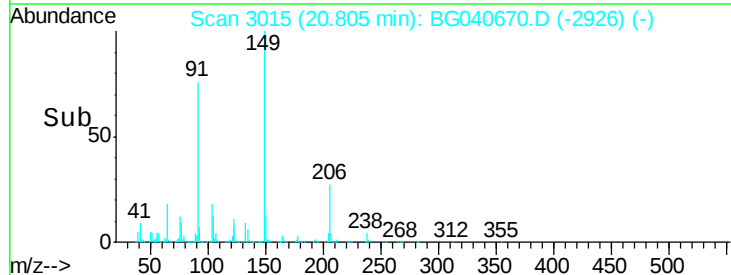
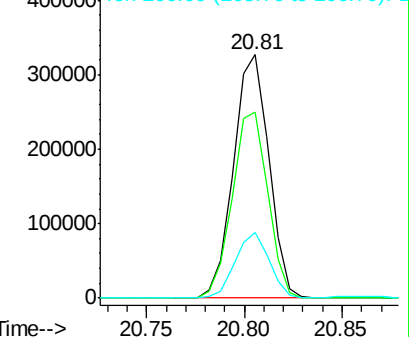
Ion	Ratio	Lower	Upper
149	100		
91	76.2	62.6	93.8
206	26.9	19.4	29.2

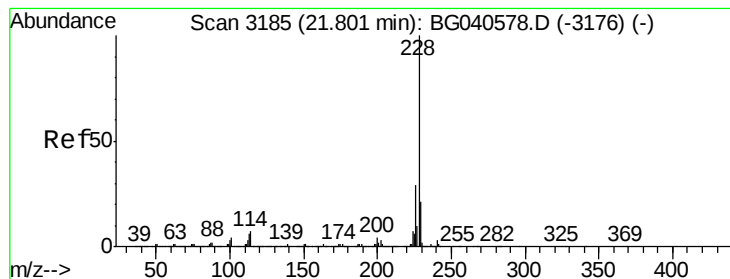


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.717 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

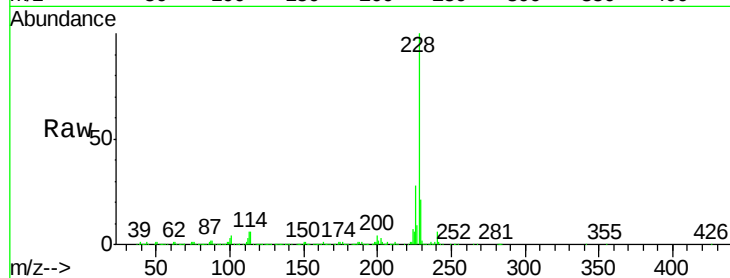
Tot Ion:228 Resp: 1012808

Ion Ratio Lower Upper

228 100

226 28.4 23.1 34.7

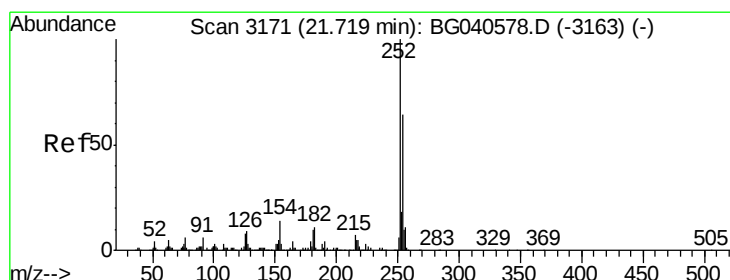
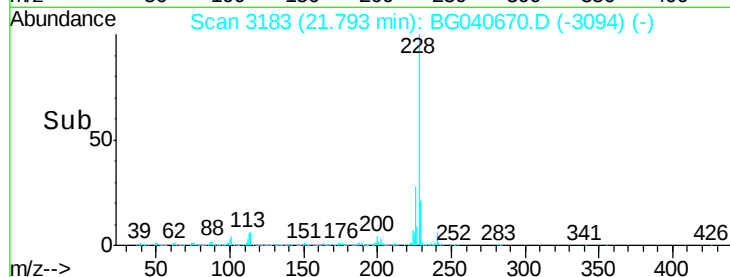
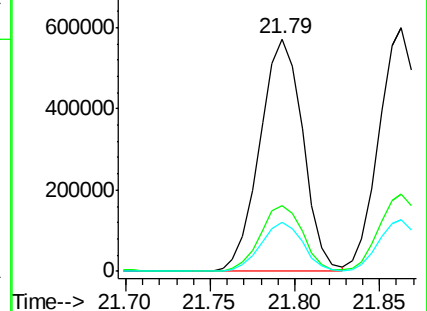
229 21.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.638 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

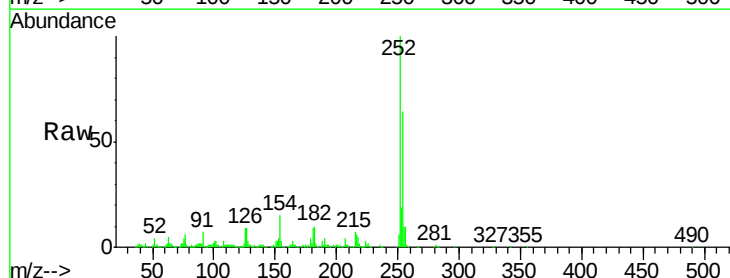
Tgt Ion:252 Resp: 239042

Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

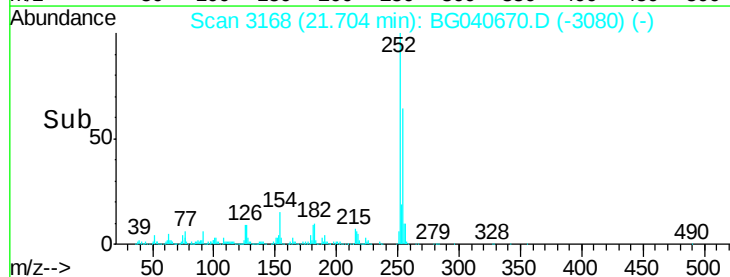
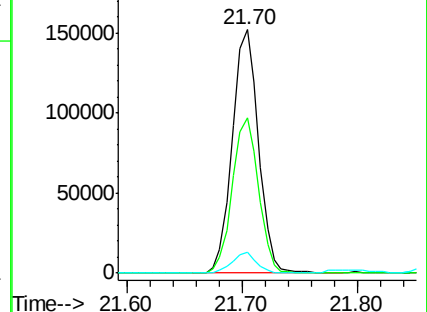
126 8.6 6.6 10.0

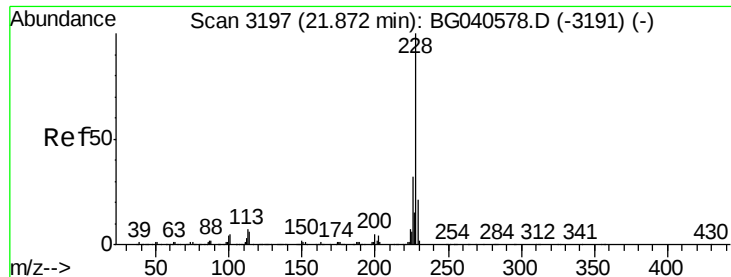


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.826 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

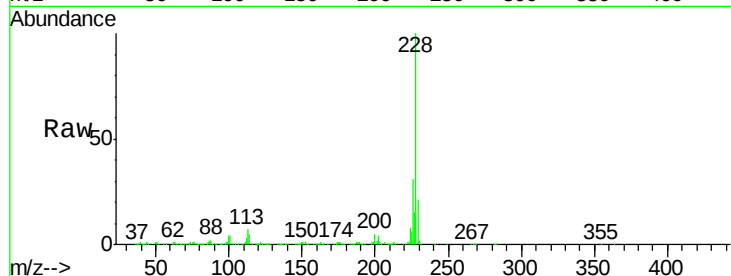
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 990803

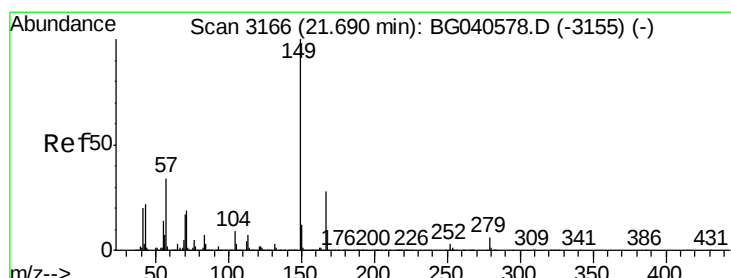
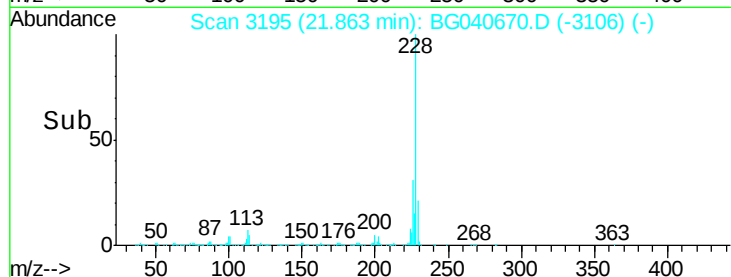
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	21.3	16.8	25.2



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: 39.113 ng

RT: 21.67 min Scan# 3162

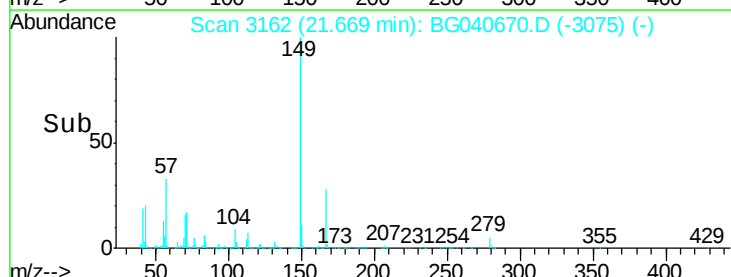
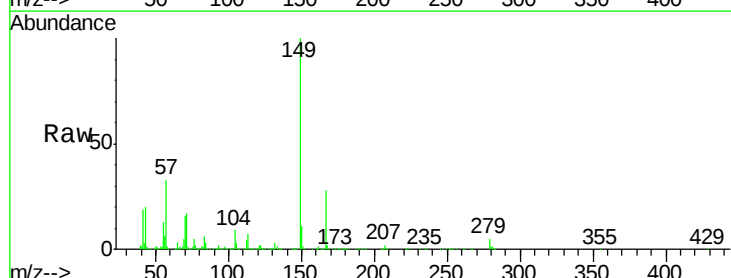
Delta R.T. -0.02 min

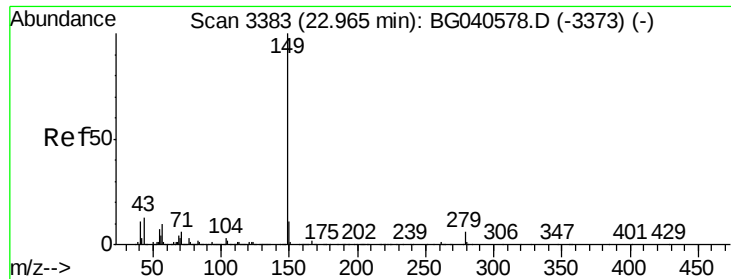
Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Tgt Ion:149 Resp: 570856

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.4	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 39.109 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.03 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

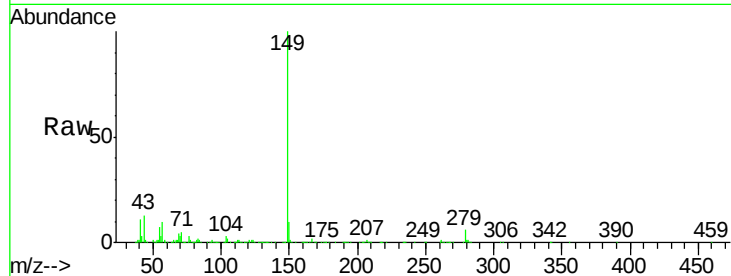
Tot Ion:149 Resp: 961310

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

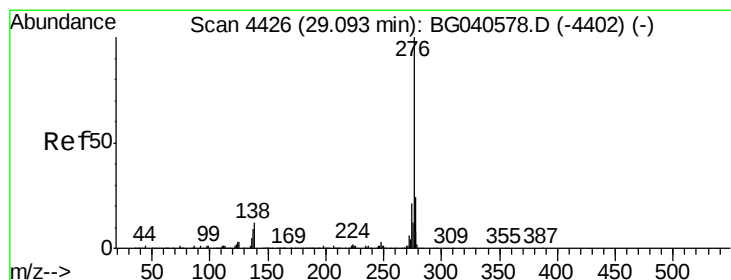
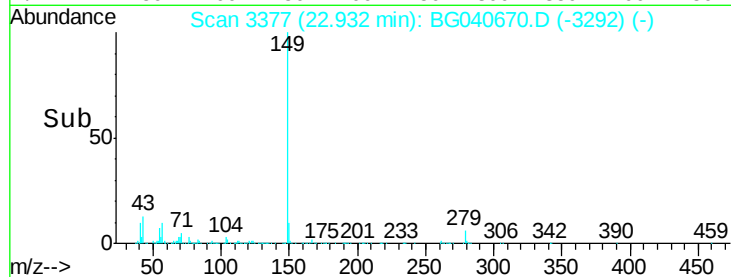
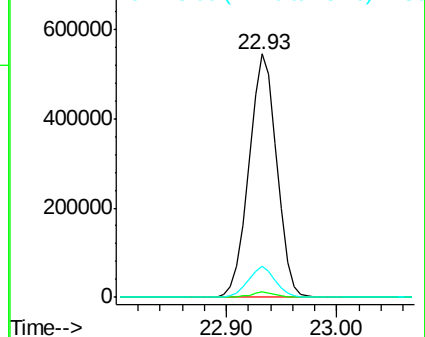
43 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.520 ng

RT: 29.05 min Scan# 4418

Delta R.T. -0.04 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

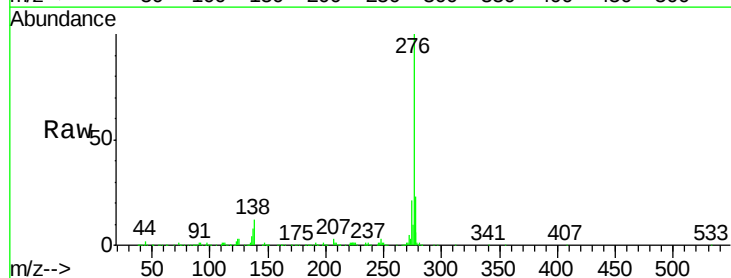
Tgt Ion:276 Resp: 1188719

Ion Ratio Lower Upper

276 100

138 9.8 9.8 14.6#

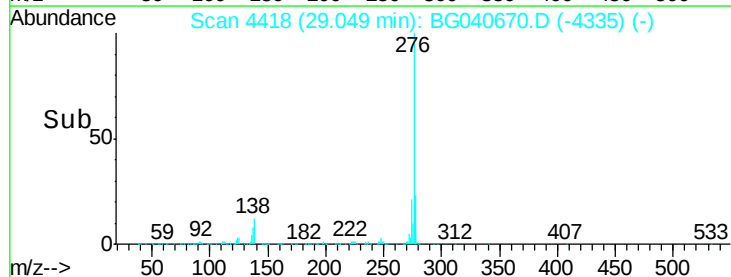
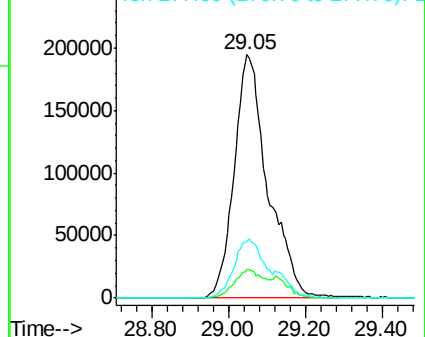
277 21.0 17.3 25.9



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: 25.18 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

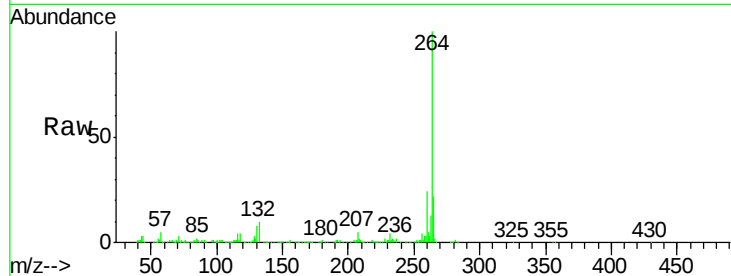
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 402799

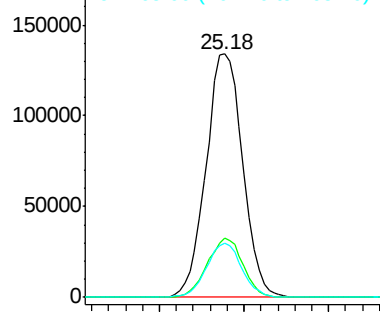
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	16.6	25.0



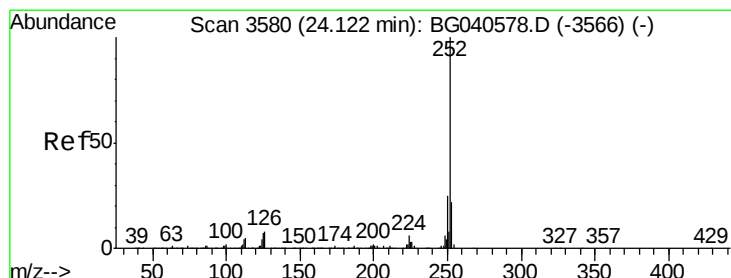
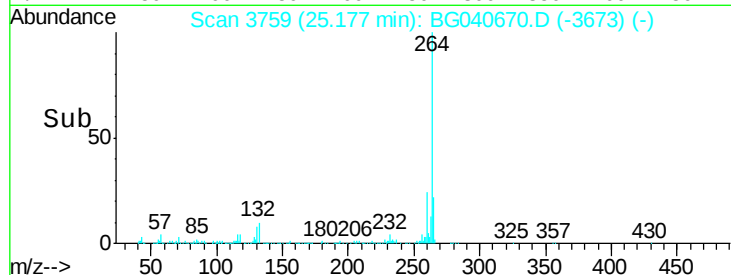
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 42.099 ng

RT: 24.10 min Scan# 3576

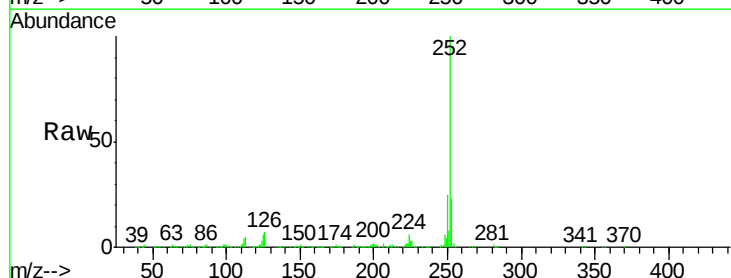
Delta R.T. -0.02 min

Lab File: BG040670.D

Acq: 29 Apr 2019 20:27

Tgt Ion:252 Resp: 1036240

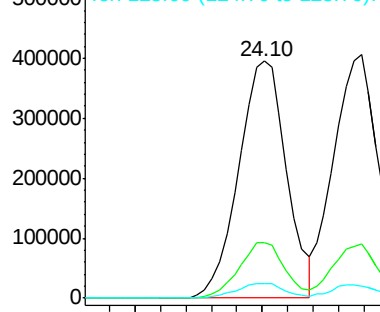
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	6.1	5.4	8.0



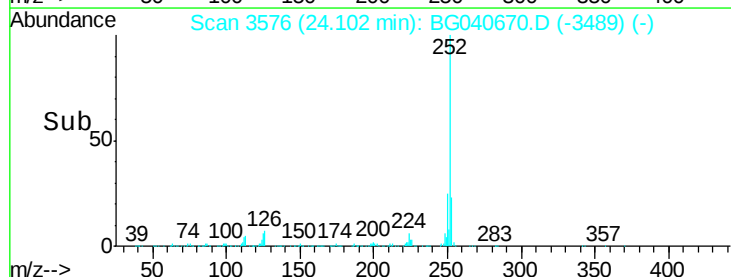
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

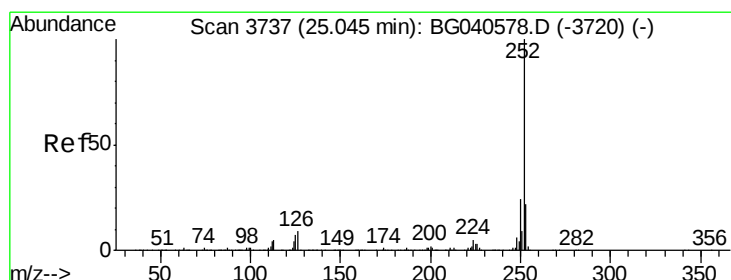
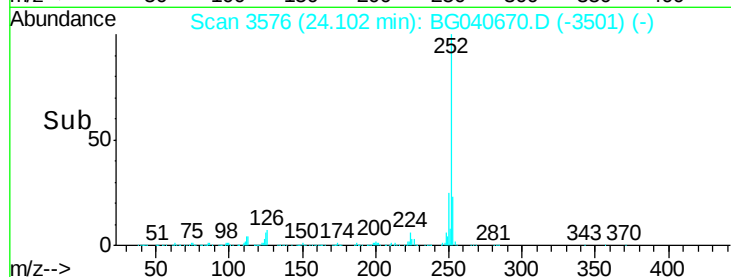
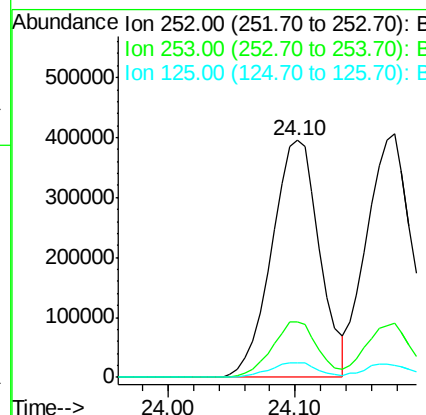
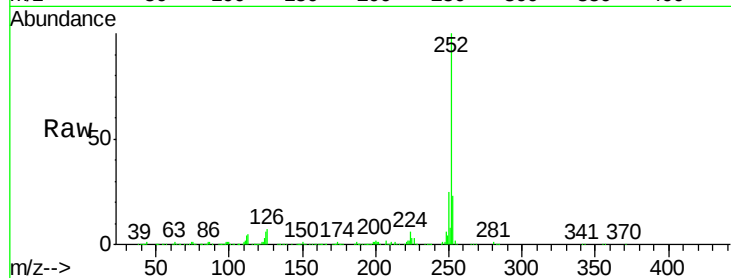




#89
Benzo(k)fluoranthene
Concen: 45.078 ng
RT: 24.10 min Scan# 3576
Delta R.T. -0.09 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

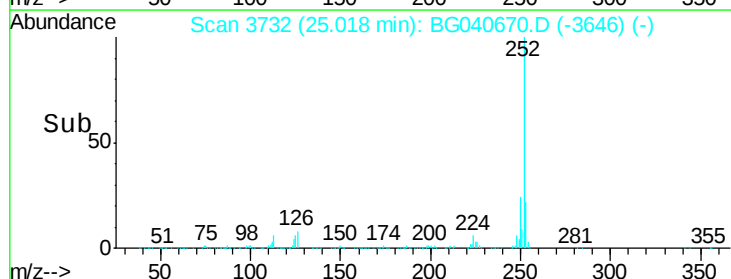
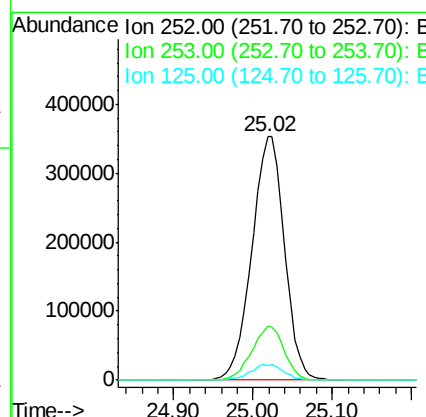
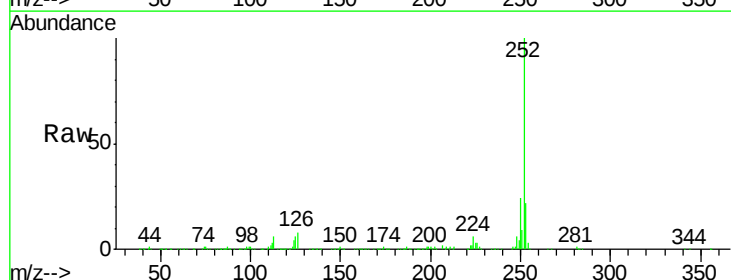
Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1036240
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 6.1 5.5 8.3



#90
Benzo(a)pyrene
Concen: 43.213 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion:252 Resp: 1006841
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 6.2 5.7 8.5

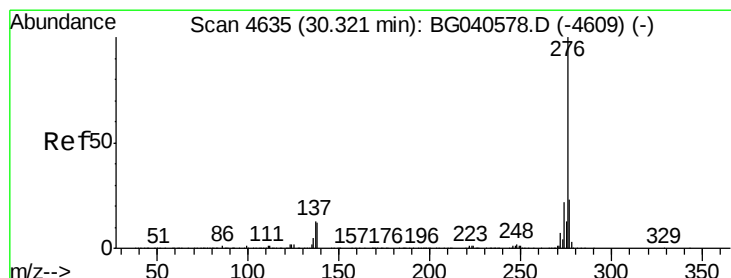
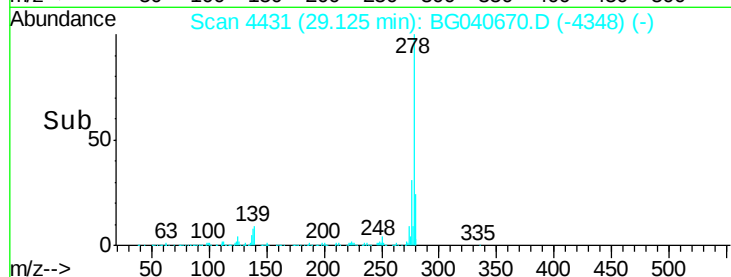
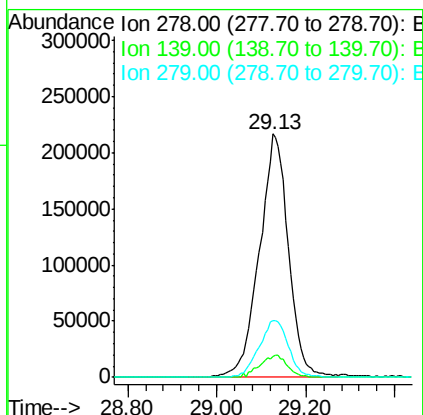
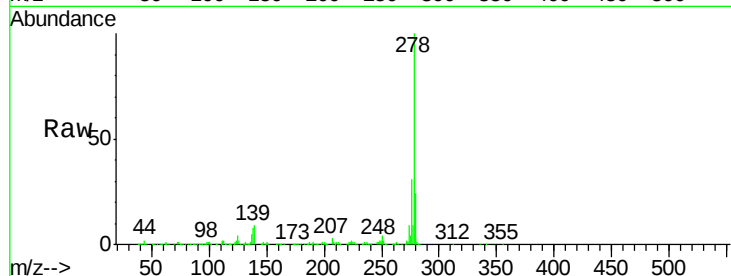




#91
Dibenzo(a,h)anthracene
Concen: 41.655 ng
RT: 29.13 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 982163
Ion Ratio Lower Upper
278 100
139 8.6 8.2 12.4
279 23.6 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 40.932 ng
RT: 30.28 min Scan# 4628
Delta R.T. -0.04 min
Lab File: BG040670.D
Acq: 29 Apr 2019 20:27

Tgt Ion:276 Resp: 960525
Ion Ratio Lower Upper
276 100
277 23.6 18.4 27.6
138 11.6 9.8 14.6

