

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040598.D
 Acq On : 24 Apr 2019 17:55
 Operator : JU/SJ
 Sample : K2200-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:02:51 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	48878	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	197929	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	141165	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	368225	20.00	ng	0.00
76) Chrysene-d12	21.82	240	365994	20.00	ng	0.00
87) Perylene-d12	25.20	264	396971	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	363925	131.25	ng	0.00
7) Phenol-d6	7.29	99	502044	117.59	ng	0.00
23) Nitrobenzene-d5	9.34	82	419164	97.85	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	290343	149.63	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	886252	90.67	ng	0.00
79) Terphenyl-d14	20.13	244	1707800	103.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.56	88	47374	37.568	ng	# 1
3) Pyridine	3.98	79	125313	34.284	ng	96
4) n-Nitrosodimethylamine	3.88	42	82448	40.667	ng	98
6) Aniline	7.48	93	101975	18.021	ng	99
8) 2-Chlorophenol	7.72	128	149418	44.132	ng	96
9) Benzaldehyde	7.29	77	47527	14.261	ng	92
10) Phenol	7.32	94	174626	38.051	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	146873	42.678	ng	98
12) 1,3-Dichlorobenzene	8.05	146	148437	40.168	ng	99
13) 1,4-Dichlorobenzene	8.19	146	154695	41.294	ng	98
14) 1,2-Dichlorobenzene	8.51	146	145640	40.312	ng	95
15) Benzyl Alcohol	8.39	79	199861	44.991	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	273966	39.985	ng	98
17) 2-Methylphenol	8.59	107	145307	44.740	ng	93
18) Hexachloroethane	9.25	117	60794	39.561	ng	89
19) n-Nitroso-di-n-propylamine	8.96	70	157600	41.008	ng	99
20) 3+4-Methylphenols	8.92	107	198047	43.773	ng	97
22) Acetophenone	8.99	105	264392	48.037	ng	# 99
24) Nitrobenzene	9.38	77	224954	49.220	ng	98
25) Isophorone	9.90	82	452780	47.453	ng	100
26) 2-Nitrophenol	10.09	139	80143	48.919	ng	96
27) 2,4-Dimethylphenol	10.13	122	171429	55.770	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	218808	45.706	ng	98
29) 2,4-Dichlorophenol	10.62	162	179406	51.339	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	174832	45.115	ng	95
31) Naphthalene	11.04	128	481238	45.765	ng	99
32) Benzoic acid	10.20	122	20359	9.675	ng	# 84
33) 4-Chloroaniline	11.14	127	15104	3.240	ng	93
34) Hexachlorobutadiene	11.30	225	127160	44.446	ng	97
35) Caprolactam	11.92	113	21801	15.801	ng	# 87
36) 4-Chloro-3-methylphenol	12.24	107	217140	49.255	ng	99
37) 2-Methylnaphthalene	12.63	142	366937	46.672	ng	98
38) 1-Methylnaphthalene	12.85	142	352312	45.846	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	235180	44.722	ng	98

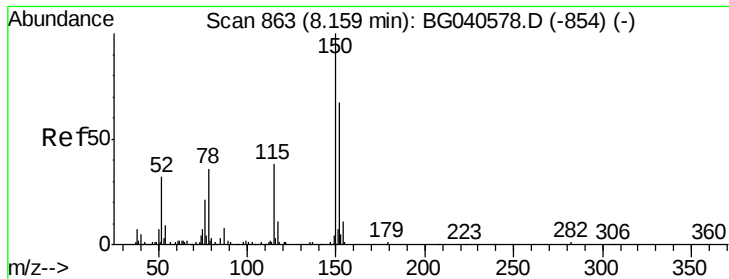
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	299754	96.599	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	162789	51.225	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	176071	50.860	ng	98
46) 1,1'-Biphenyl	13.63	154	499709	45.593	ng	99
47) 2-Chloronaphthalene	13.67	162	394065	45.943	ng	99
48) 2-Nitroaniline	13.88	65	166309	54.470	ng	95
49) Acenaphthylene	14.52	152	655700	45.058	ng	100
50) Dimethylphthalate	14.24	163	569065	48.181	ng	100
51) 2,6-Dinitrotoluene	14.36	165	117971	51.177	ng	98
52) Acenaphthene	14.85	154	392143	46.272	ng	97
53) 3-Nitroaniline	14.69	138	33851	14.332	ng	99
54) 2,4-Dinitrophenol	14.89	184	44932	38.545	ng	89
55) Dibenzofuran	15.19	168	646655	46.585	ng	97
56) 4-Nitrophenol	14.98	139	179863	87.823	ng	98
57) 2,4-Dinitrotoluene	15.14	165	172111	54.947	ng	# 98
58) Fluorene	15.83	166	528764	47.129	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	178114	51.117	ng	94
60) Diethylphthalate	15.59	149	608240	48.809	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	314869	48.253	ng	96
62) 4-Nitroaniline	15.86	138	126974	48.059	ng	98
63) Azobenzene	16.11	77	619750	48.291	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	48839	30.037	ng	97
66) n-Nitrosodiphenylamine	16.04	169	497117	45.887	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	207042	45.131	ng	96
68) Hexachlorobenzene	16.82	284	216890	45.723	ng	98
69) Atrazine	16.98	200	214193	49.903	ng	99
70) Pentachlorophenol	17.17	266	222523	80.166	ng	98
71) Phenanthrene	17.58	178	926928	46.735	ng	97
72) Anthracene	17.67	178	957188	48.013	ng	99
73) Carbazole	17.94	167	861506	47.431	ng	99
74) Di-n-butylphthalate	18.48	149	1048999	47.850	ng	99
75) Fluoranthene	19.57	202	1195739	48.379	ng	99
77) Benzidine	19.76	184	111527	11.129	ng	97
78) Pyrene	19.94	202	1201278	52.369	ng	97
80) Butylbenzylphthalate	20.81	149	484822	54.228	ng	99
81) Benzo(a)anthracene	21.80	228	1159889	50.144	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	137538	16.682	ng	96
83) Chrysene	21.87	228	1131259	51.425	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	675082	52.309	ng	97
85) Di-n-octyl phthalate	22.95	149	1146945	52.770	ng	98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1381447	51.940	ng	# 92
88) Benzo(b)fluoranthene	24.12	252	1177016	48.520	ng	98
89) Benzo(k)fluoranthene	24.19	252	1147850	50.667	ng	98
90) Benzo(a)pyrene	25.04	252	1157189	50.395	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1137045	48.932	ng	97
92) Benzo(g,h,i)perylene	30.31	276	1147191	49.605	ng	97

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

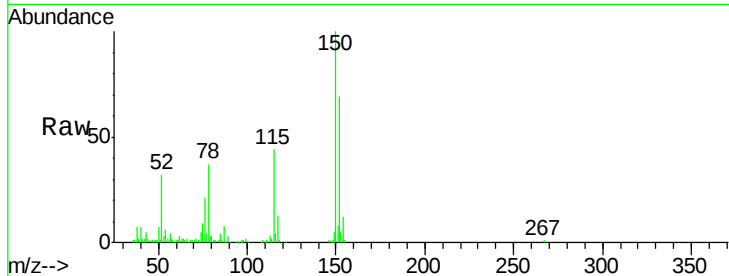


#1

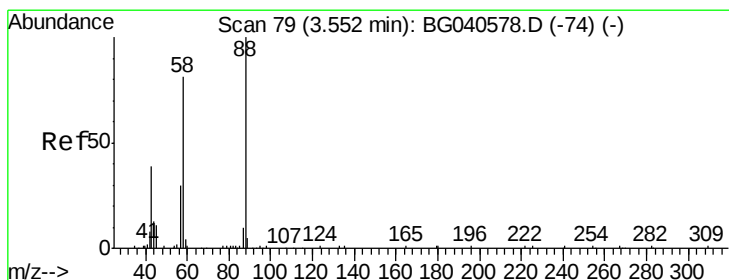
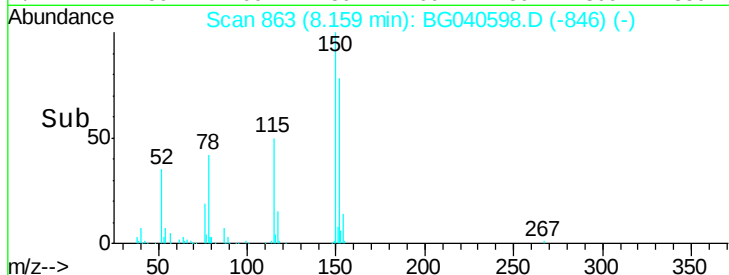
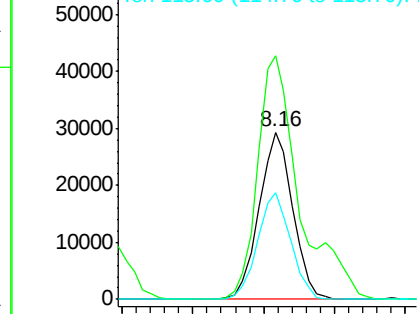
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48878
Ion Ratio Lower Upper
152 100
150 145.5 120.2 180.2
115 63.9 46.2 69.2



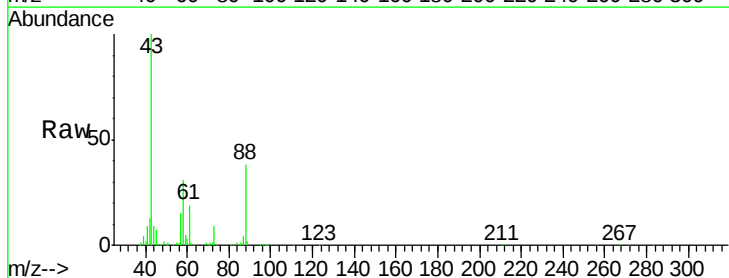
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



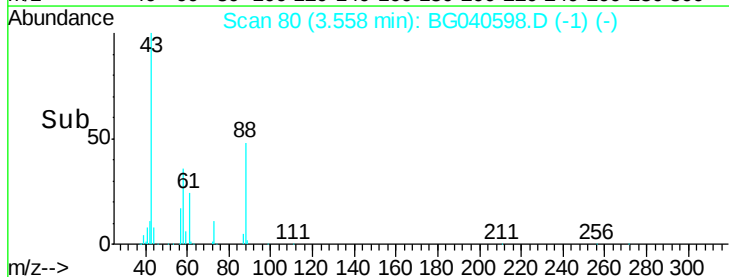
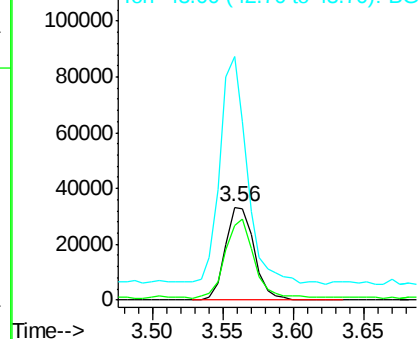
#2

1,4-Dioxane
Concen: 37.568 ng
RT: 3.56 min Scan# 80
Delta R.T. 0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion: 88 Resp: 47374
Ion Ratio Lower Upper
88 100
58 83.8 71.2 106.8
43 233.0 35.6 53.4#



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





#3

Pvridine

Concen: 34.284 ng

RT: 3.98 min Scan# 151

Delta R.T. 0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampled :

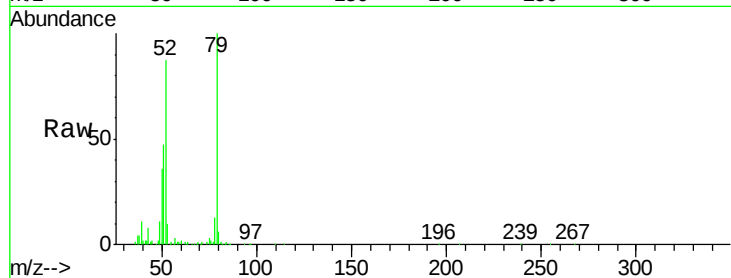
Tot Ion: 79 Resp: 125313

Ion Ratio Lower Upper

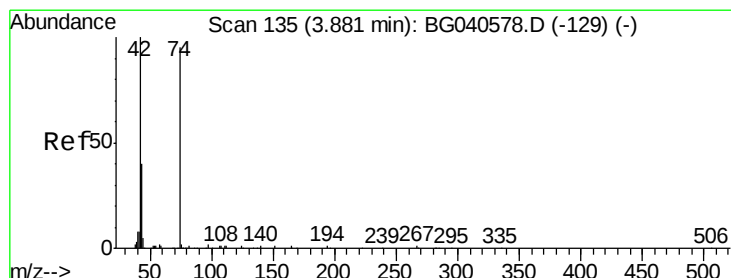
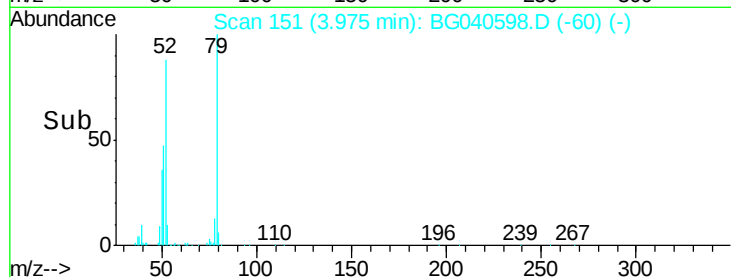
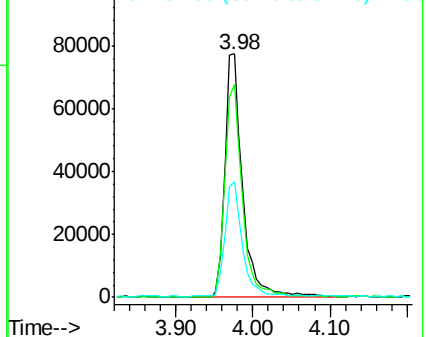
79 100

52 87.3 67.5 101.3

51 47.4 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 40.667 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

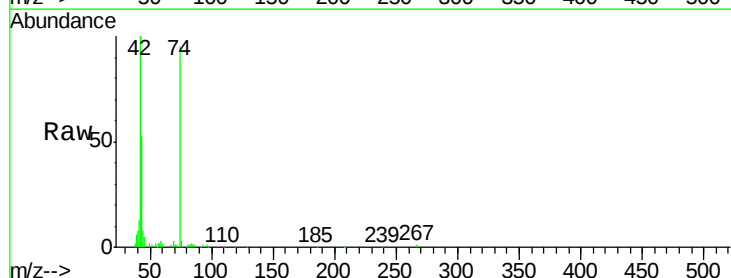
Tgt Ion: 42 Resp: 82448

Ion Ratio Lower Upper

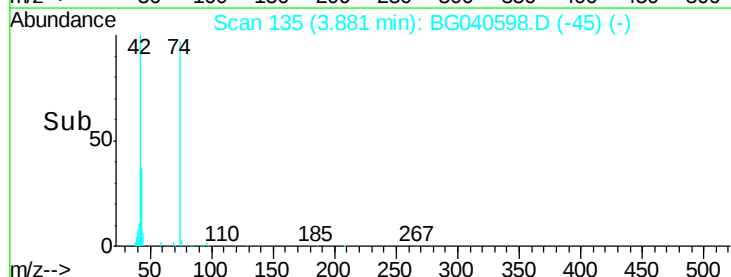
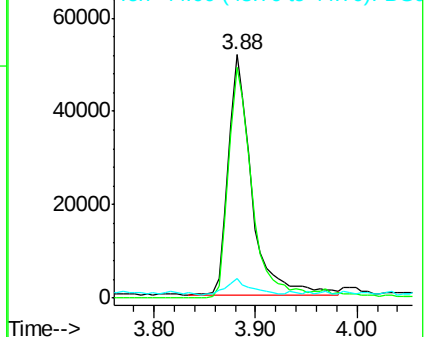
42 100

74 94.8 74.6 111.8

44 7.8 7.4 11.0



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





#5

2-Fluorophenol

Concen: 131.248 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

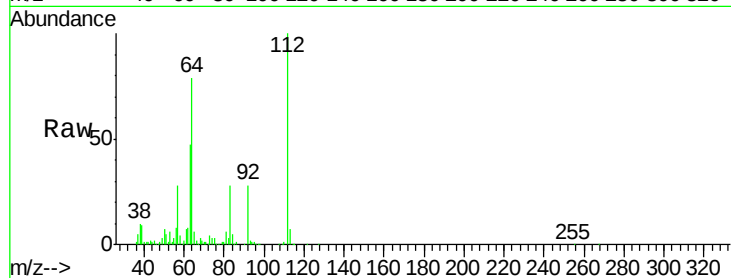
Tot Ion:112 Resp: 363925

Ion Ratio Lower Upper

112 100

64 78.7 61.4 92.0

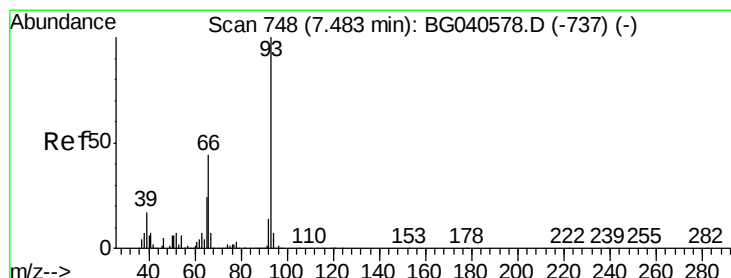
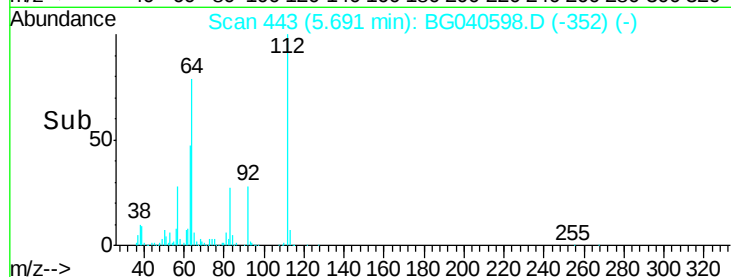
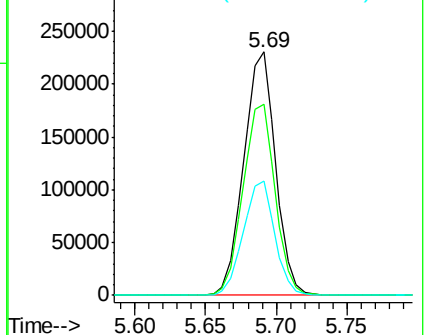
63 47.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.021 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

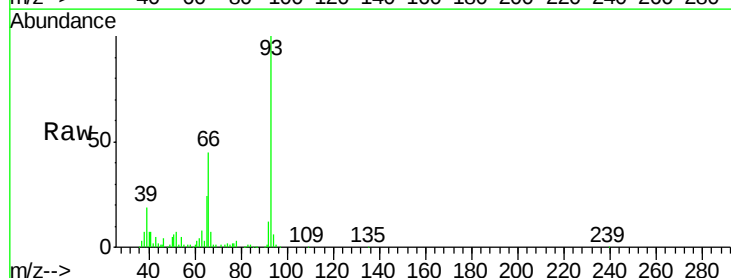
Tgt Ion: 93 Resp: 101975

Ion Ratio Lower Upper

93 100

66 44.8 35.5 53.3

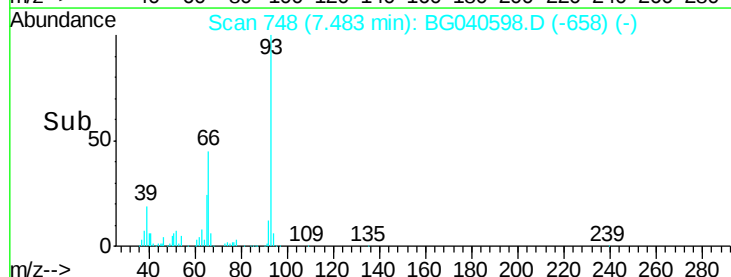
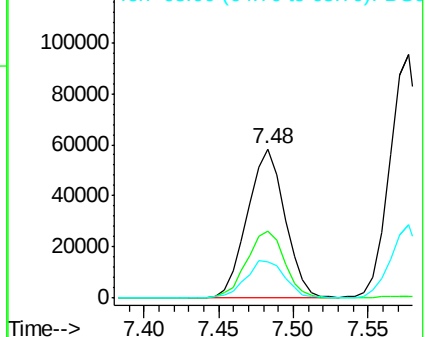
65 24.3 19.2 28.8

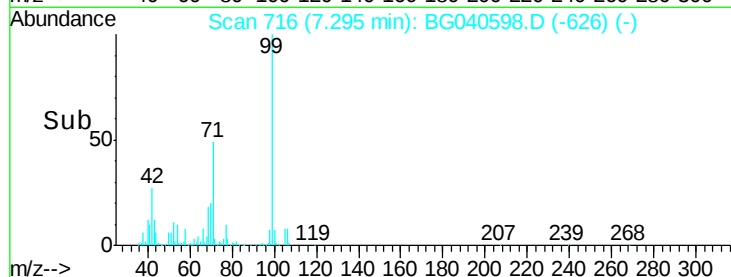
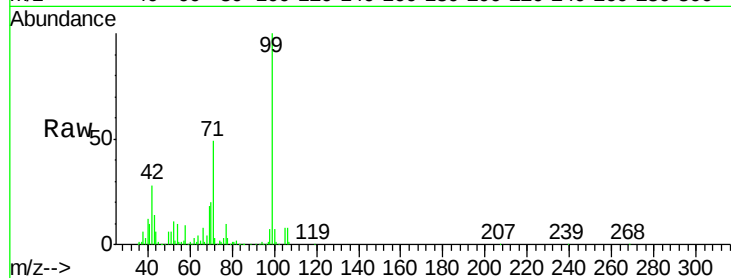
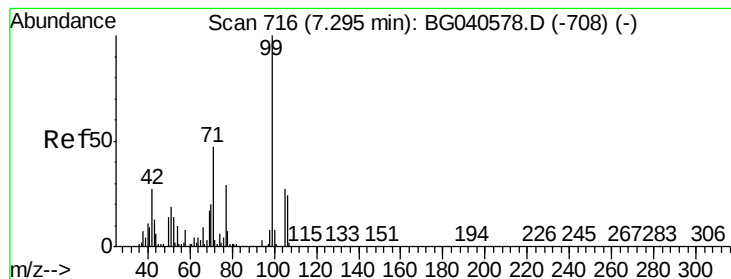


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.593 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

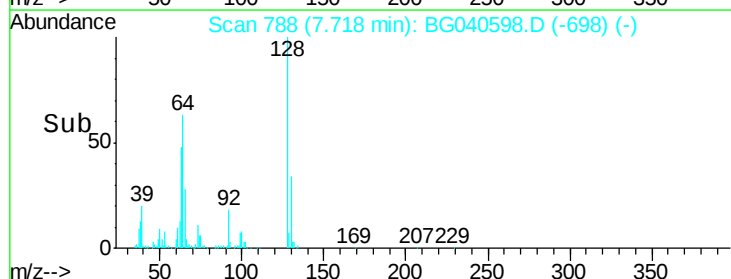
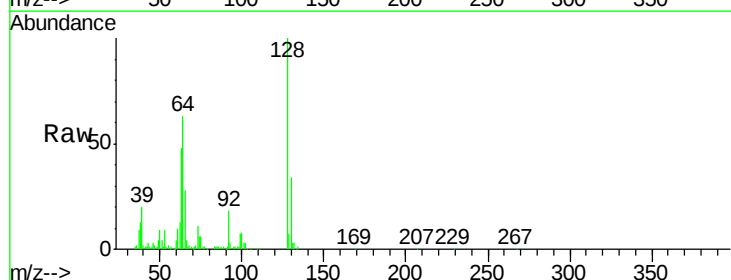
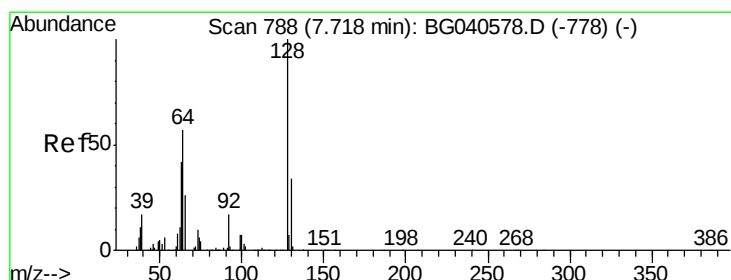
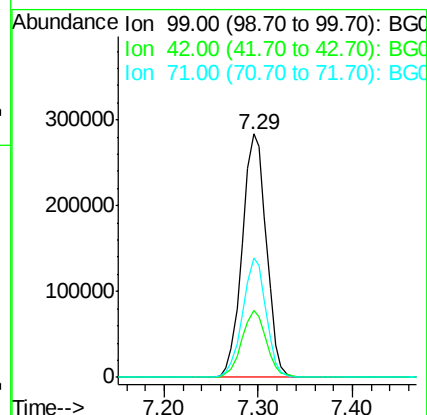
Tot Ion: 99 Resp: 502044

Ion Ratio Lower Upper

99 100

42 27.6 21.8 32.8

71 49.1 38.6 57.8



#8

2-Chlorophenol

Concen: 44.132 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

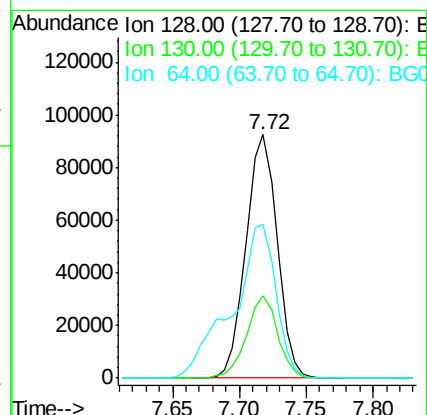
Tgt Ion:128 Resp: 149418

Ion Ratio Lower Upper

128 100

130 33.7 14.5 54.5

64 63.0 38.4 78.4





#9

Benzaldehyde

Concen: 14.261 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

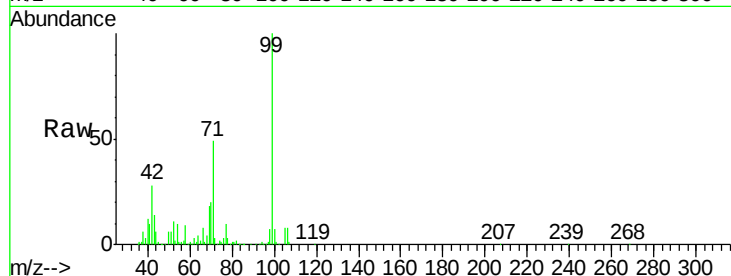
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 47527

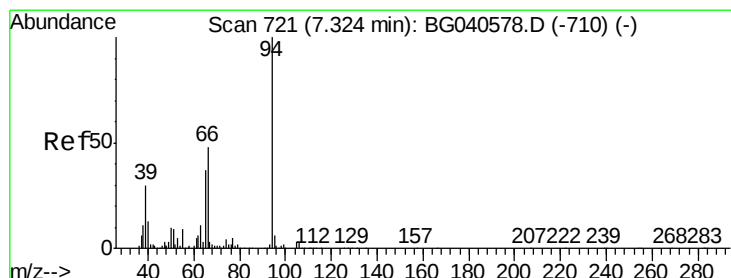
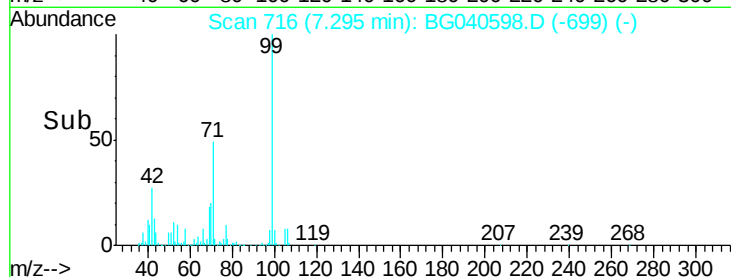
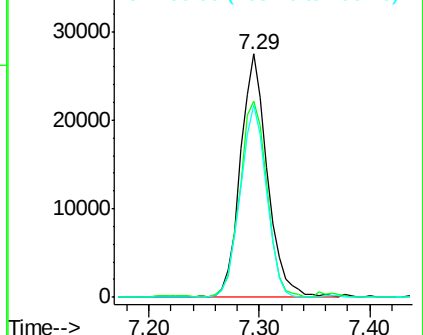
Ion	Ratio	Lower	Upper
77	100		
105	80.6	72.0	112.0
106	78.8	61.2	101.2



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: 38.051 ng

RT: 7.32 min Scan# 721

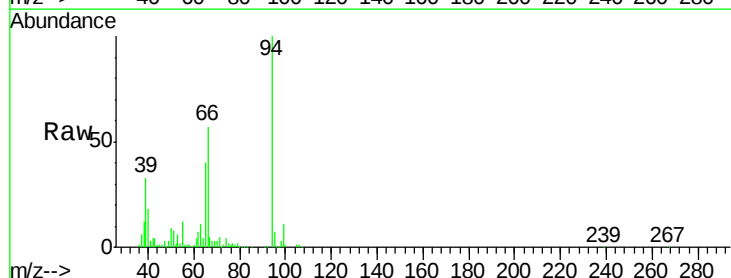
Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Tgt Ion: 94 Resp: 174626

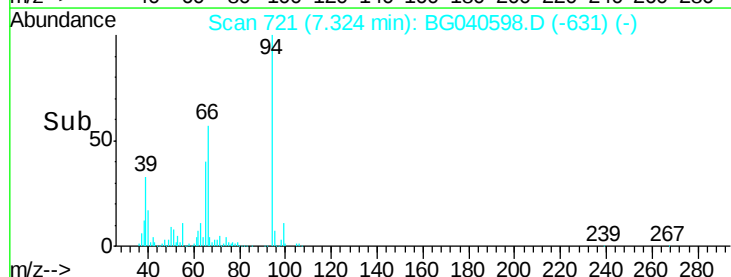
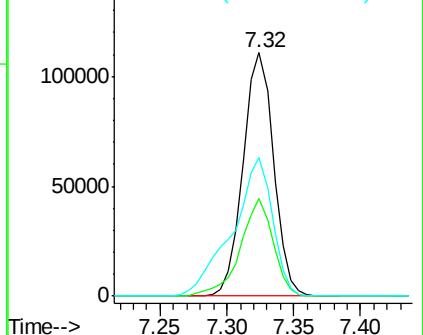
Ion	Ratio	Lower	Upper
94	100		
65	39.9	17.0	57.0
66	57.0	28.6	68.6



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

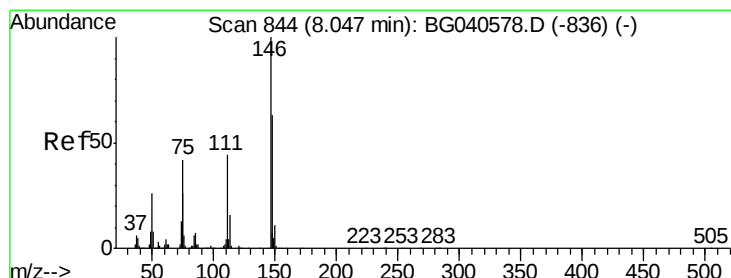
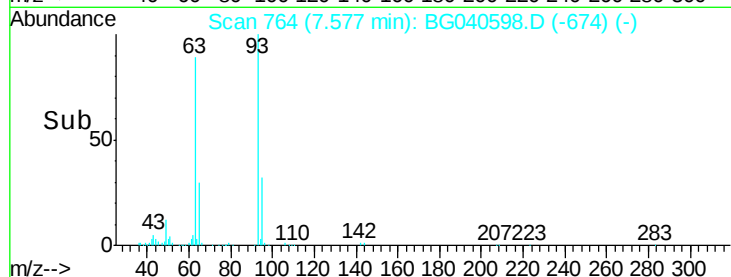
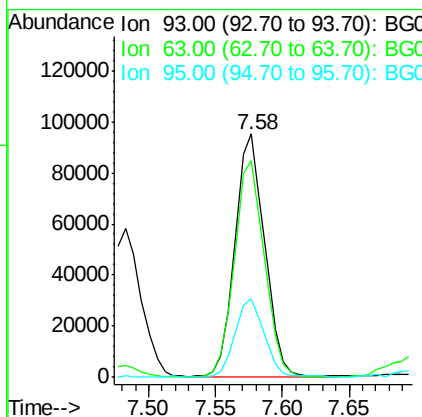
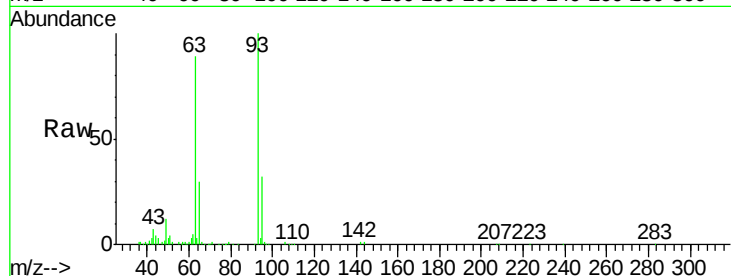




#11
bis(2-Chloroethyl)ether
Concen: 42.678 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

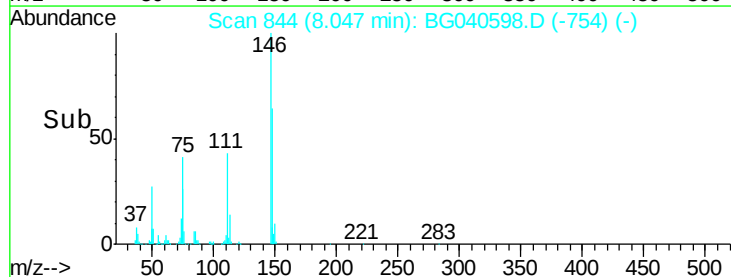
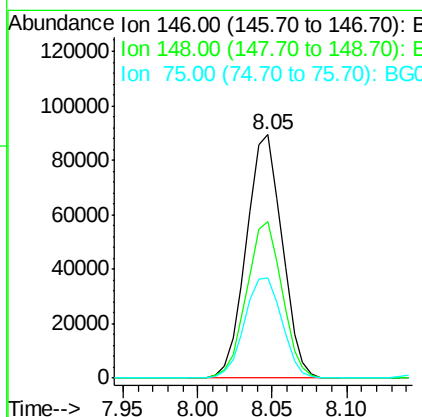
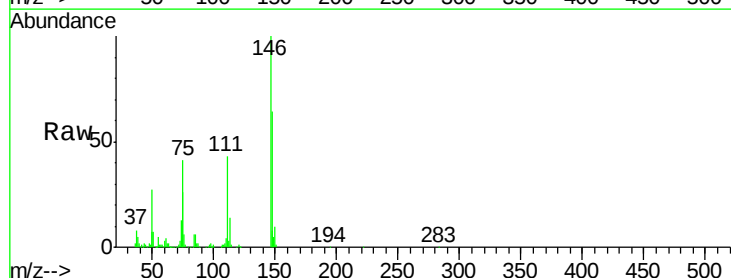
Instrument :
BNA_G
ClientSampleId :

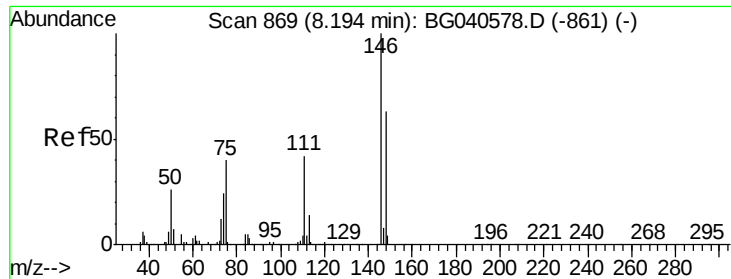
Tot Ion: 93 Resp: 146873
Ion Ratio Lower Upper
93 100
63 89.2 68.2 108.2
95 32.1 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 40.168 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion: 146 Resp: 148437
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
75 41.1 33.4 50.2

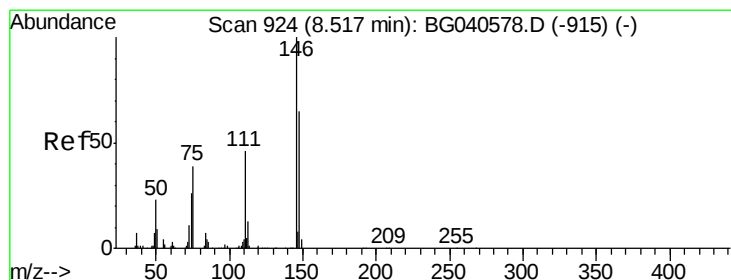
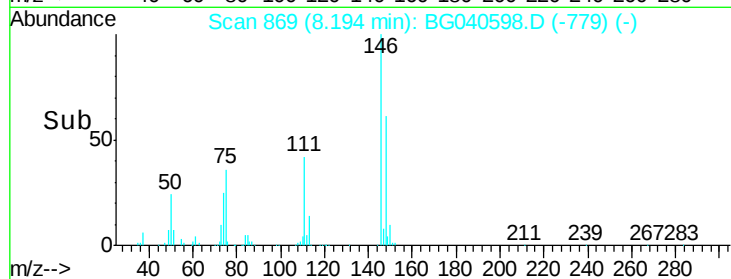
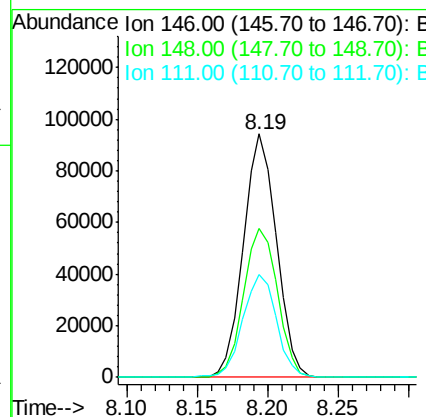
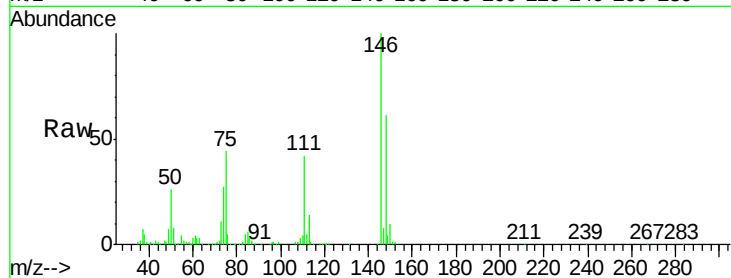




#13
 1,4-Dichlorobenzene
 Concen: 41.294 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

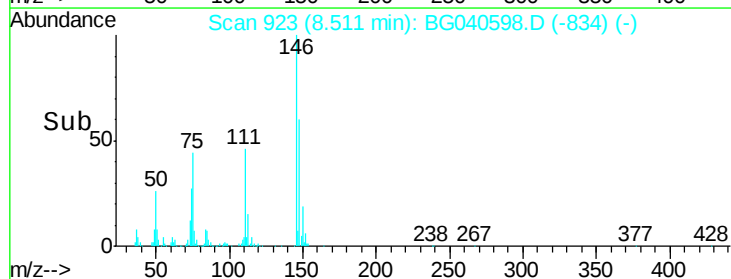
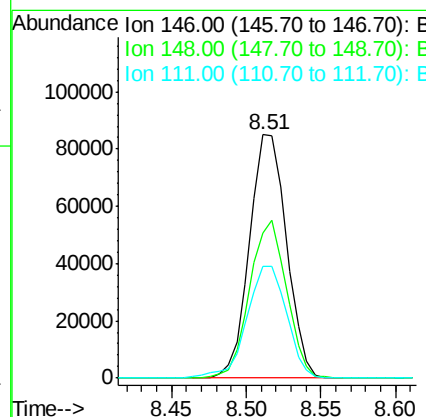
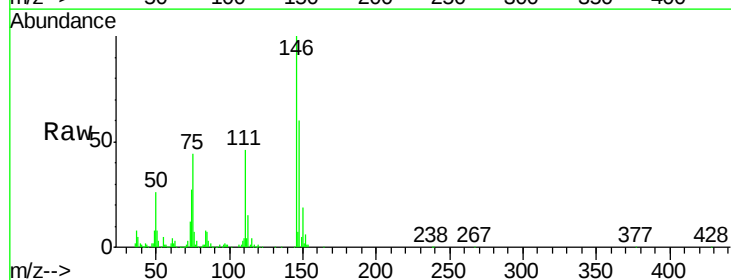
Instrument :
 BNA_G
 ClientSampleId :

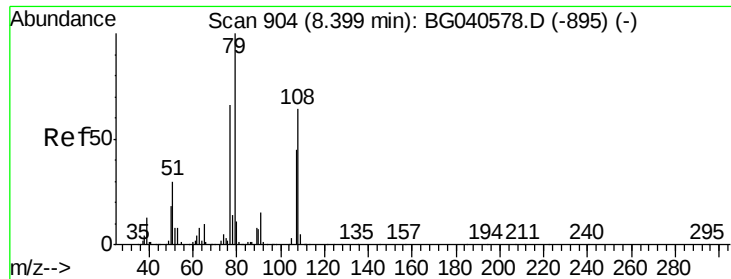
Tot Ion:146 Resp: 154695
 Ion Ratio Lower Upper
 146 100
 148 61.1 50.6 75.8
 111 42.2 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 40.312 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion:146 Resp: 145640
 Ion Ratio Lower Upper
 146 100
 148 59.7 52.2 78.4
 111 46.1 37.4 56.0





#15

Benzyl Alcohol

Concen: 44.991 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

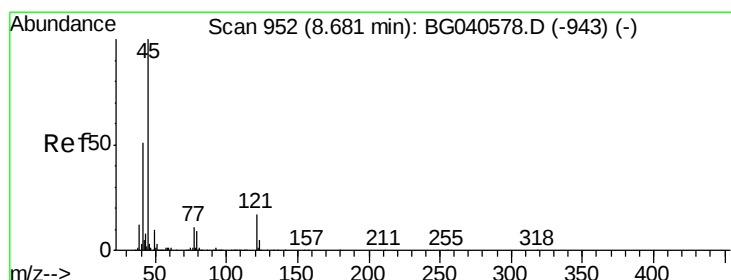
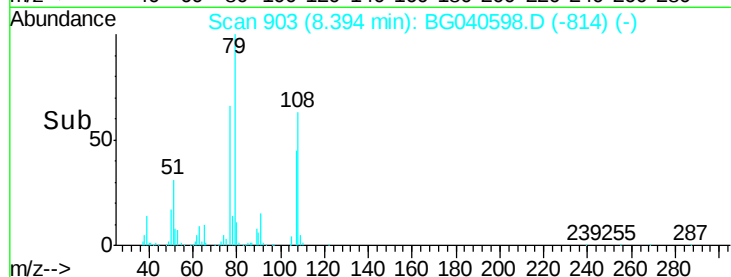
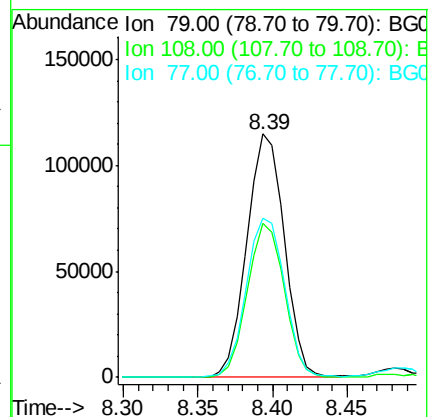
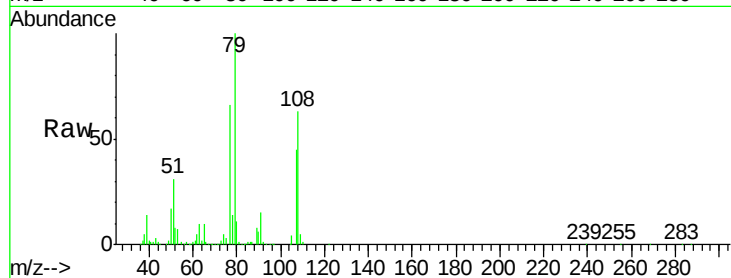
Tot Ion: 79 Resp: 199861

Ion Ratio Lower Upper

79 100

108 63.1 51.4 77.0

77 65.6 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.985 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

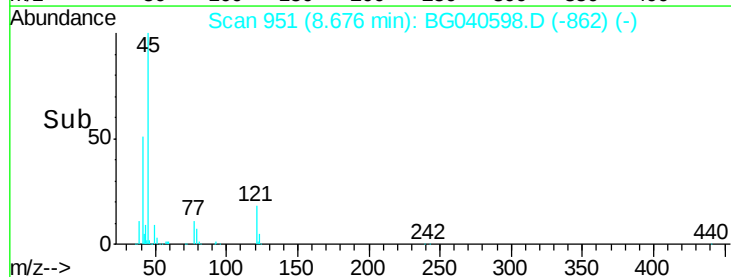
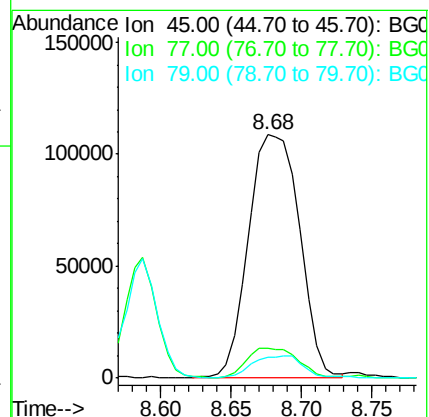
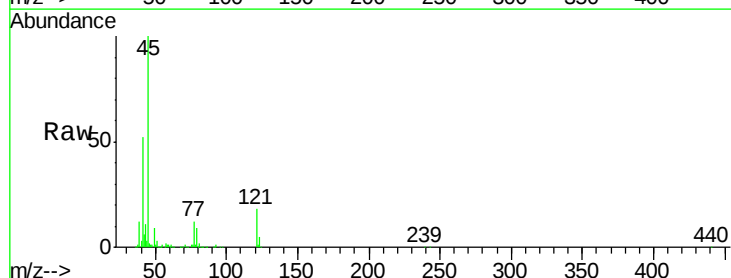
Tgt Ion: 45 Resp: 273966

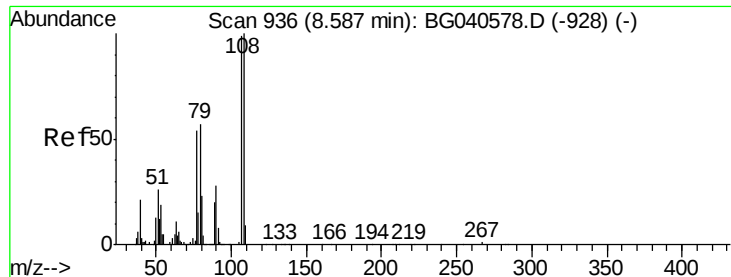
Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.5

79 8.8 0.0 29.4





#17

2-Methylphenol

Concen: 44.740 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 145307

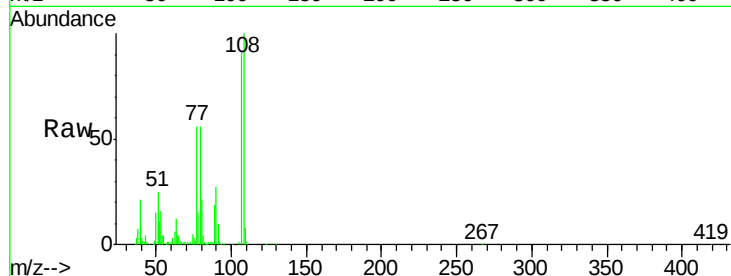
Ion Ratio Lower Upper

107 100

108 109.5 81.2 121.8

77 61.7 44.4 66.6

79 60.9 47.0 70.4

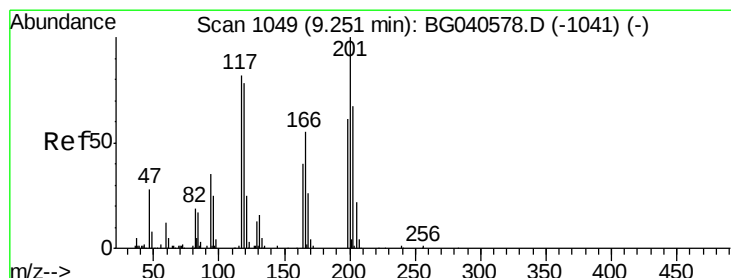
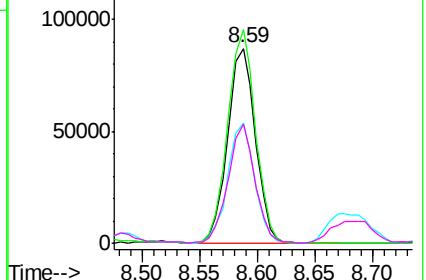
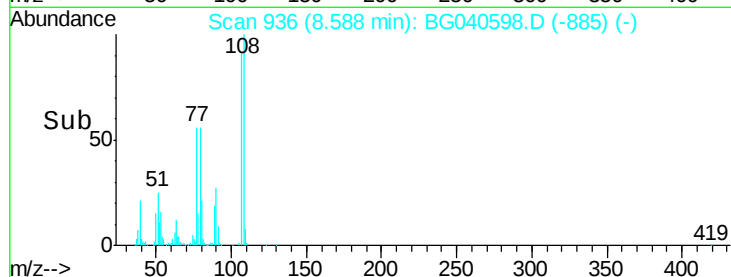


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.561 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

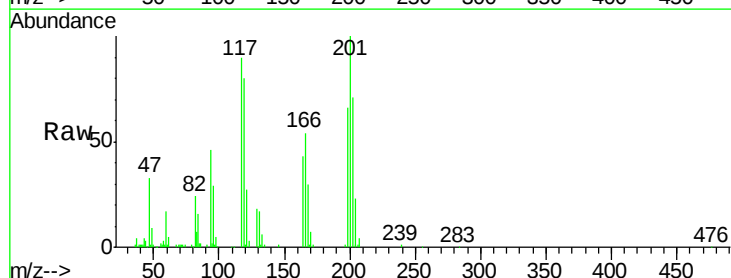
Tgt Ion:117 Resp: 60794

Ion Ratio Lower Upper

117 100

119 88.6 76.6 114.8

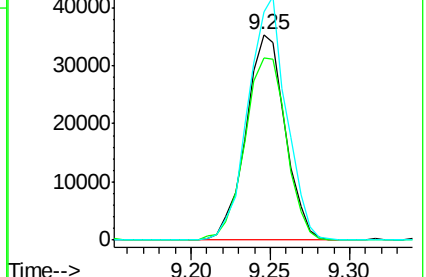
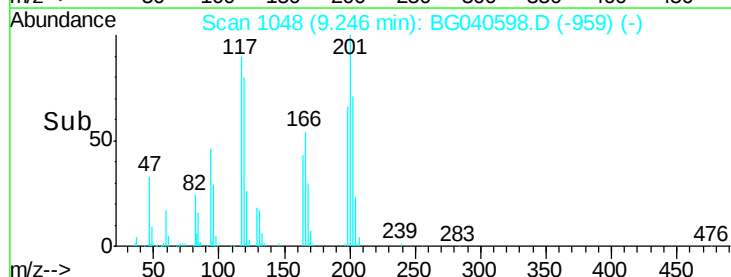
201 111.3 101.0 151.6

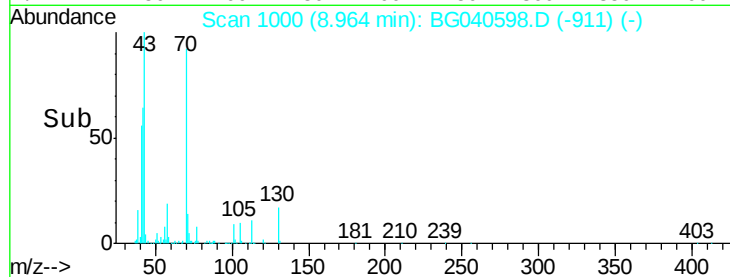
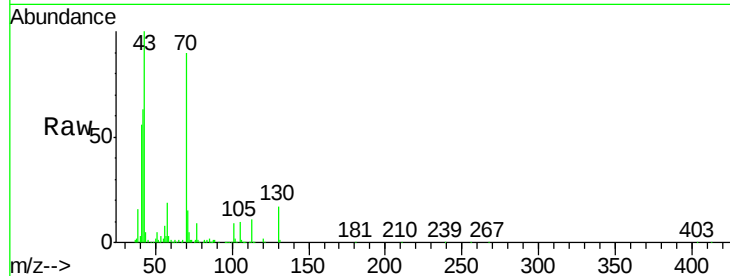
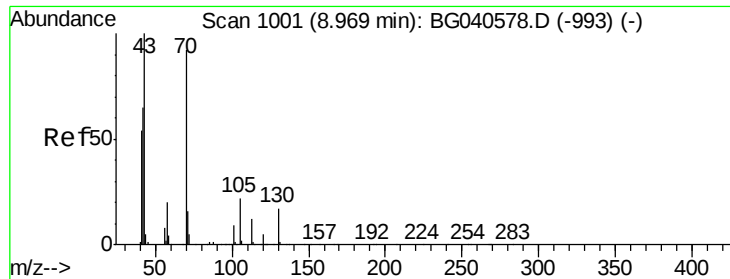


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

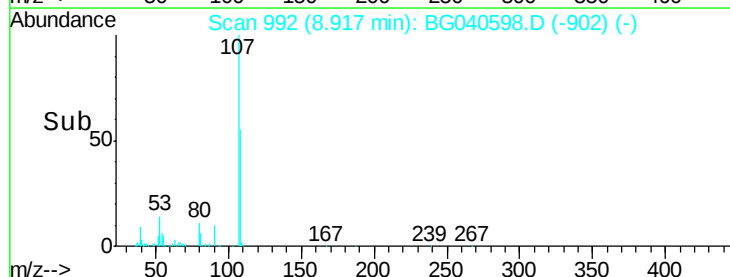
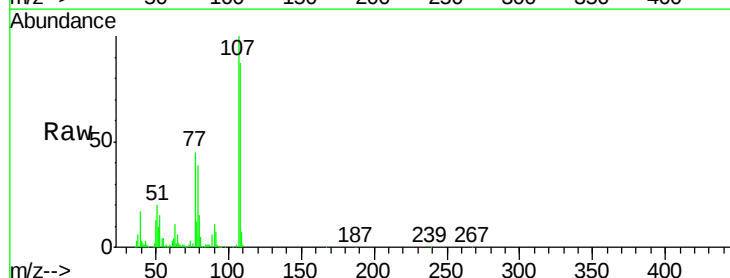
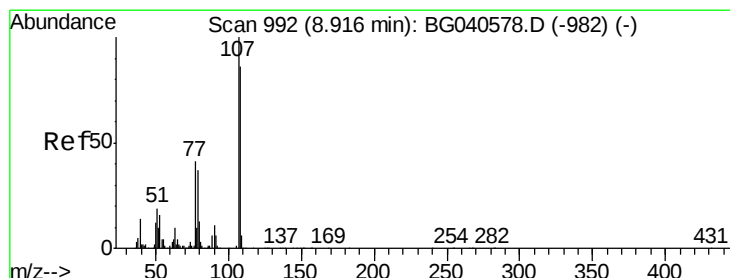
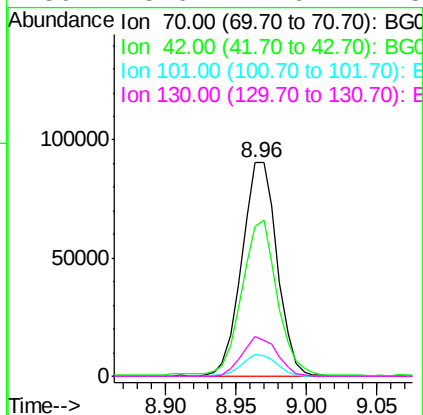




#19
n-Nitroso-di-n-propylamine
Concen: 41.008 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

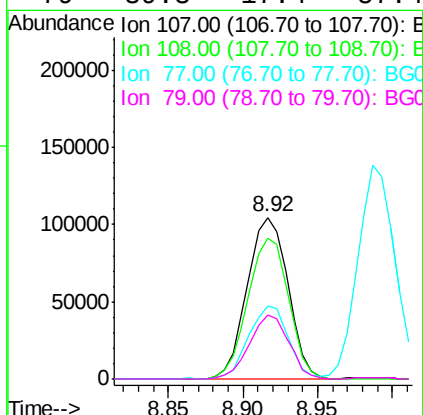
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	157600
Ion	Ratio	Lower	Upper
70	100		
42	70.0	57.1	85.7
101	10.1	7.8	11.8
130	18.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 43.773 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:	107	Resp:	198047
Ion	Ratio	Lower	Upper
107	100		
108	87.5	66.1	106.1
77	45.1	21.6	61.6
79	39.3	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 197929

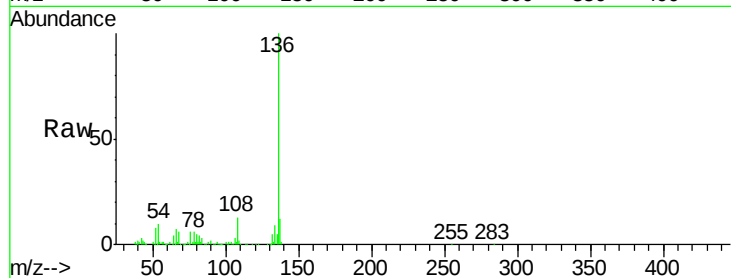
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 10.3 8.6 12.8

68 5.6 4.8 7.2

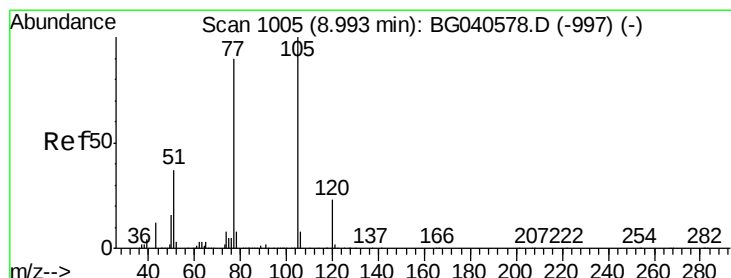
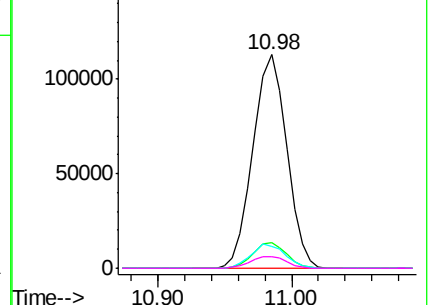
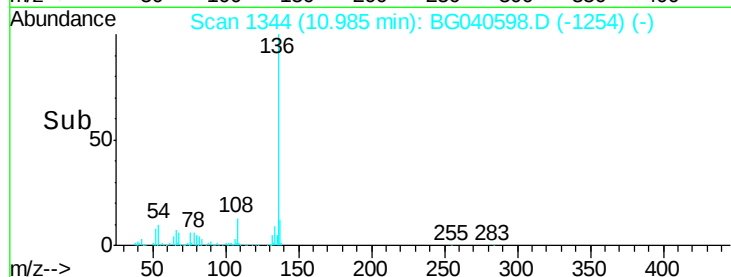


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.037 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Tgt Ion:105 Resp: 264392

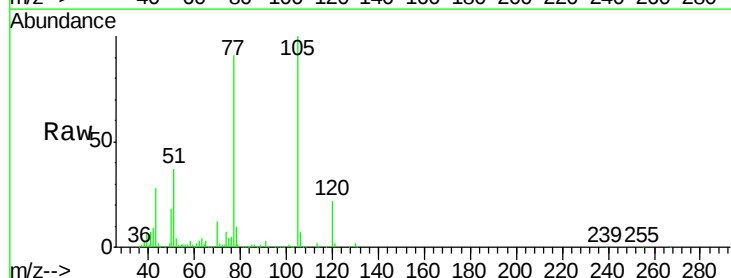
Ion Ratio Lower Upper

105 100

71 1.8 1.8 2.8#

51 36.9 29.8 44.8

120 21.7 18.4 27.6

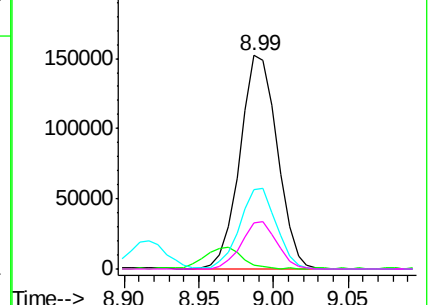
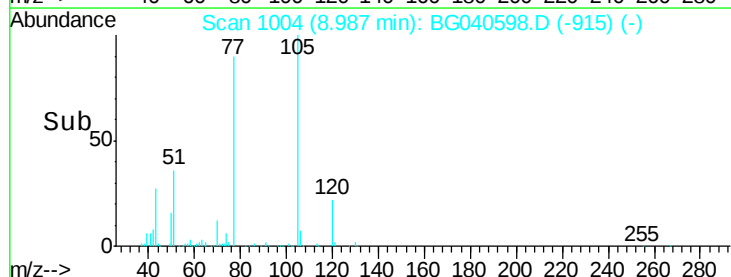


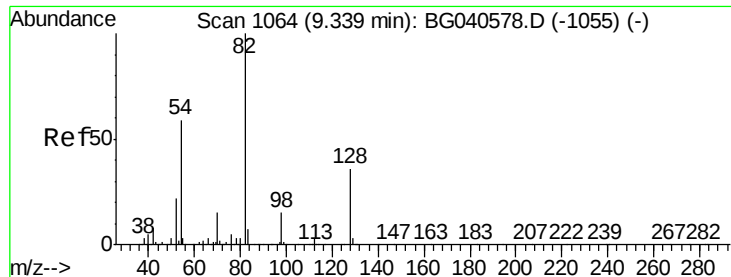
Abundance Ion 105.00 (104.70 to 105.70): E

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

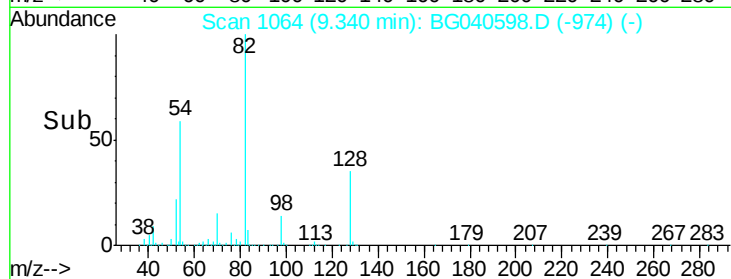
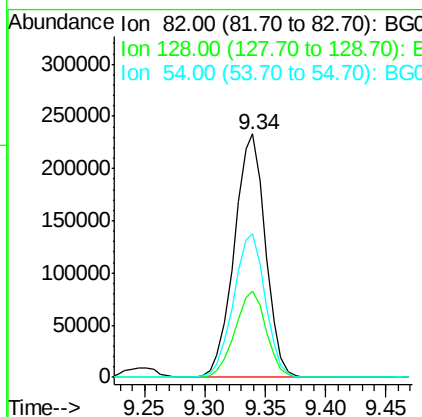
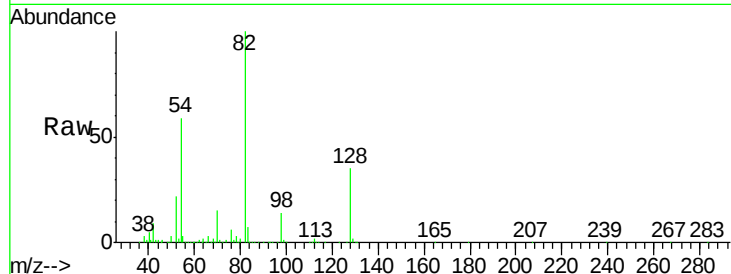




#23
 Nitrobenzene-d5
 Concen: 97.853 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

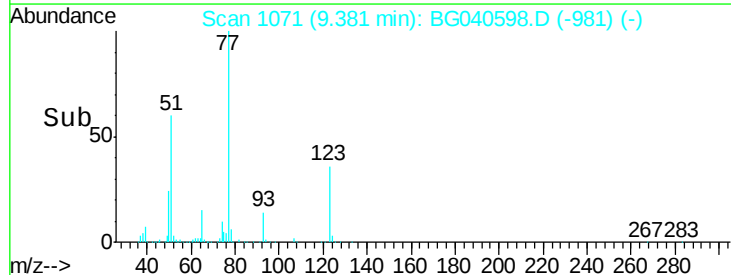
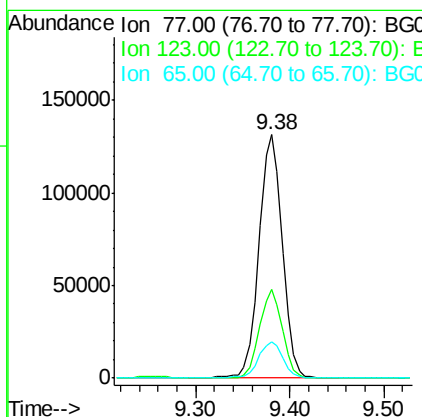
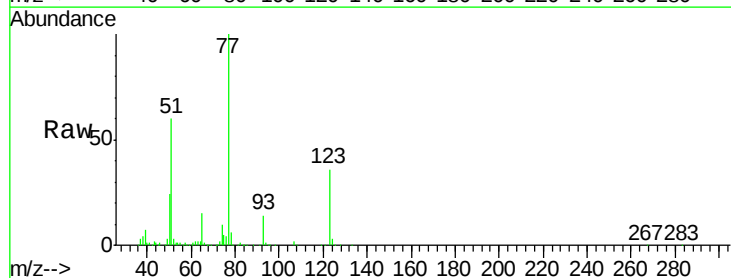
Instrument :
 BNA_G
 ClientSampleId :

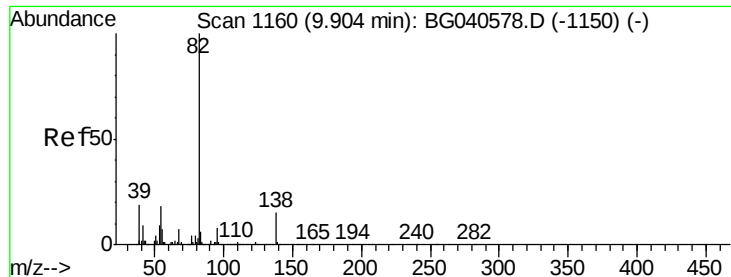
Tot Ion	82	Resp	419164
Ion Ratio	100	Lower	Upper
128	35.5	28.9	43.3
54	58.9	47.2	70.8



#24
 Nitrobenzene
 Concen: 49.220 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion	77	Resp	224954
Ion Ratio	100	Lower	Upper
123	36.4	27.8	41.6
65	14.9	12.4	18.6





#25

Isophorone

Concen: 47.453 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

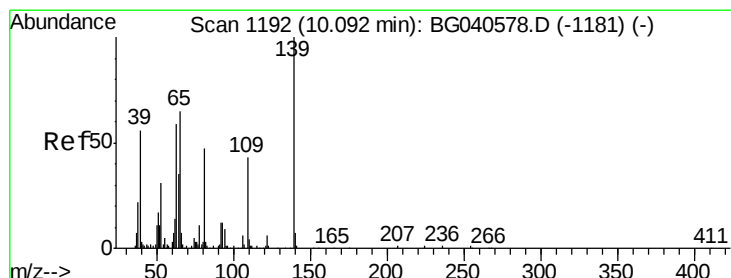
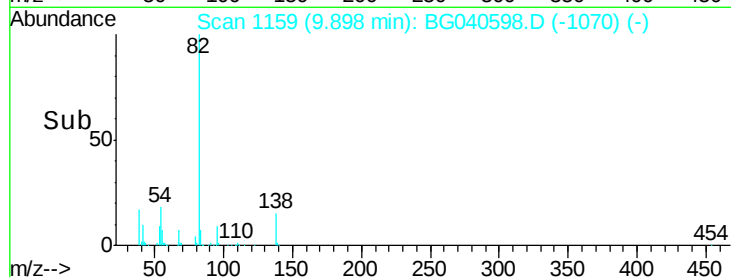
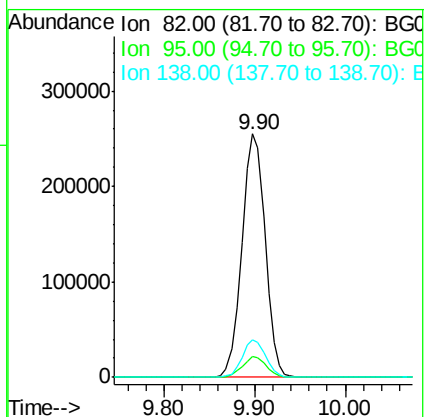
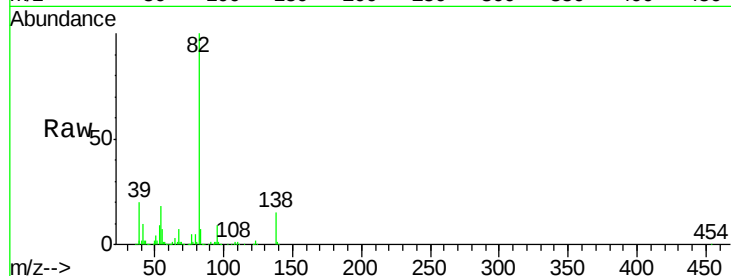
Tot Ion: 82 Resp: 452780

Ion Ratio Lower Upper

82 100

95 8.6 6.9 10.3

138 15.4 12.3 18.5



#26

2-Nitrophenol

Concen: 48.919 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

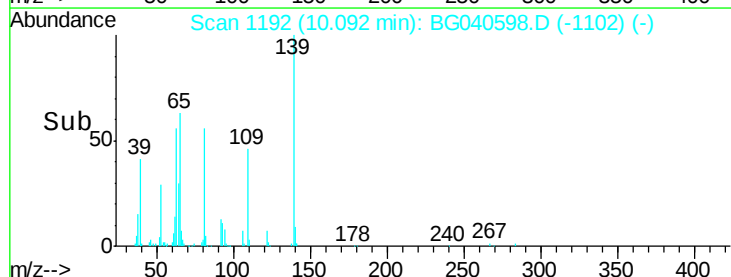
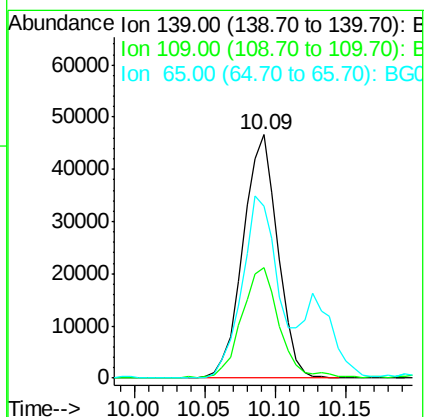
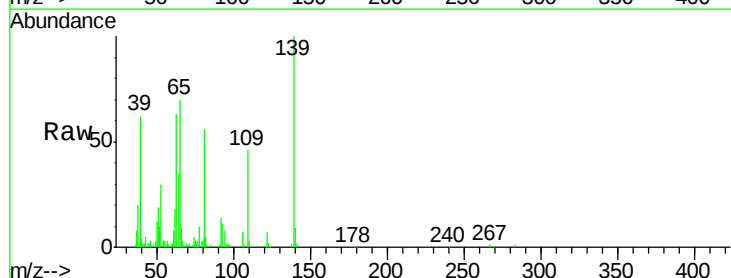
Tgt Ion: 139 Resp: 80143

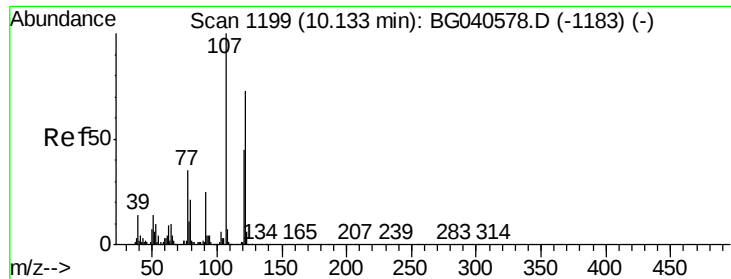
Ion Ratio Lower Upper

139 100

109 45.5 35.6 53.4

65 70.5 52.3 78.5

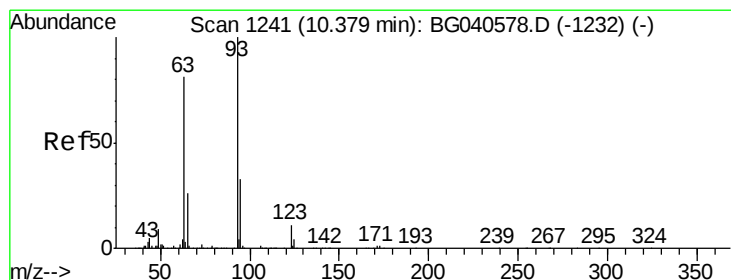
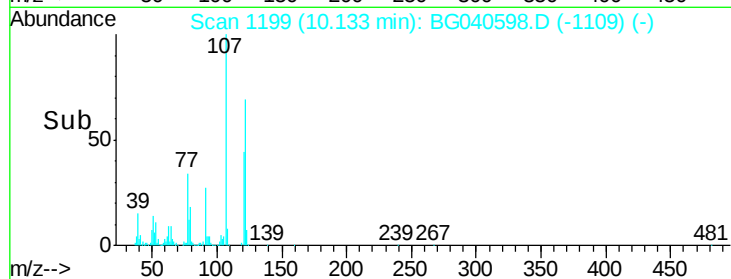
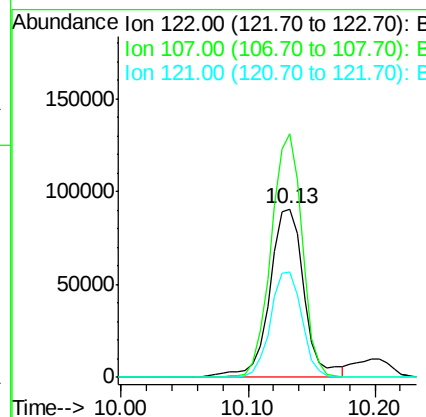
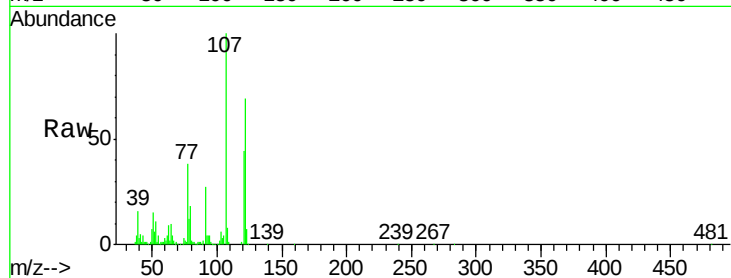




#27
2,4-Dimethylphenol
Concen: 55.770 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

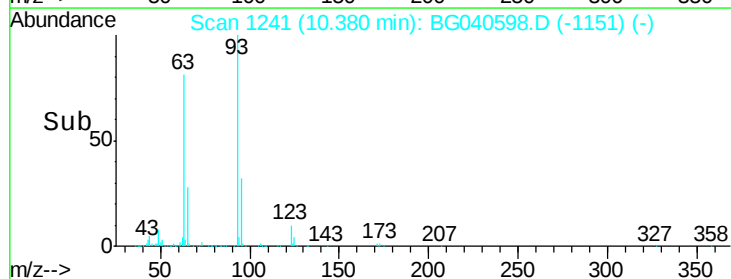
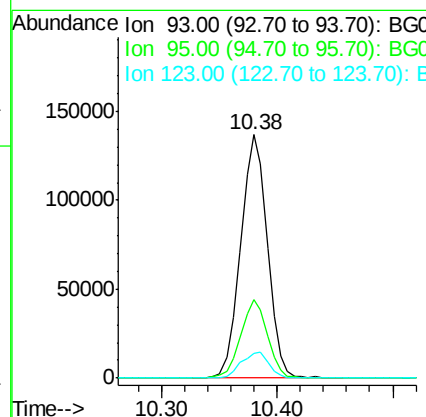
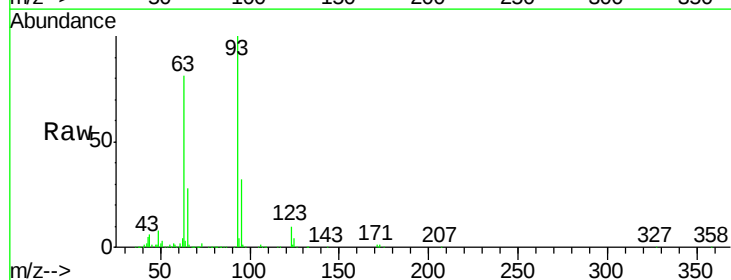
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.6	110.1	165.1
121	62.9	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.706 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	10.3	9.0	13.4

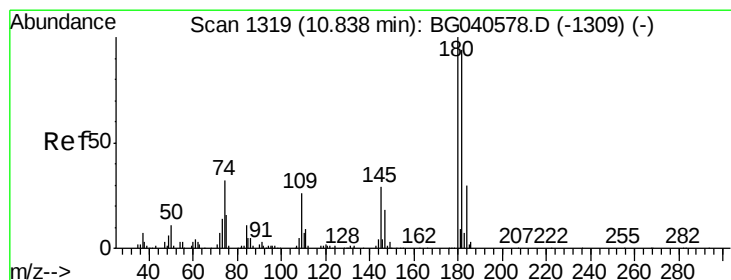
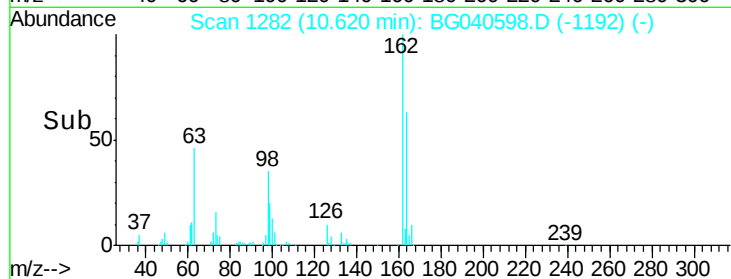
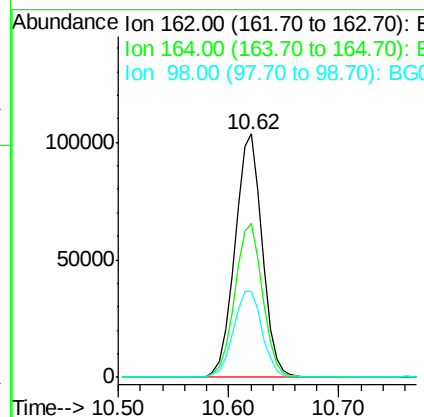
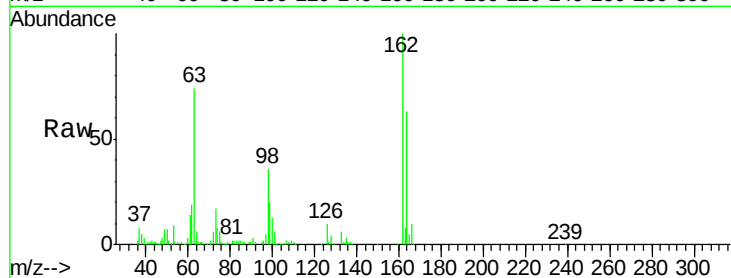




#29
 2,4-Dichlorophenol
 Concen: 51.339 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

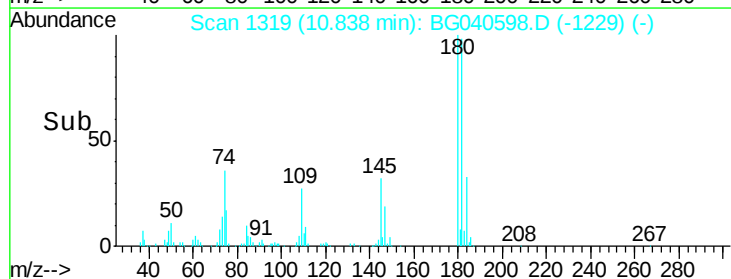
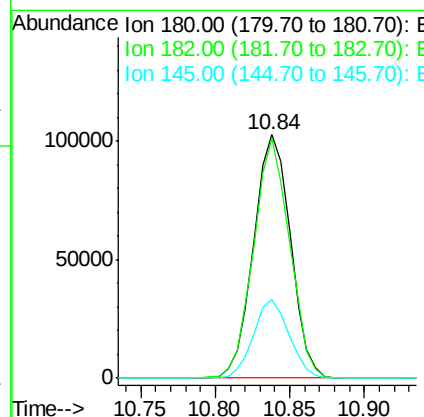
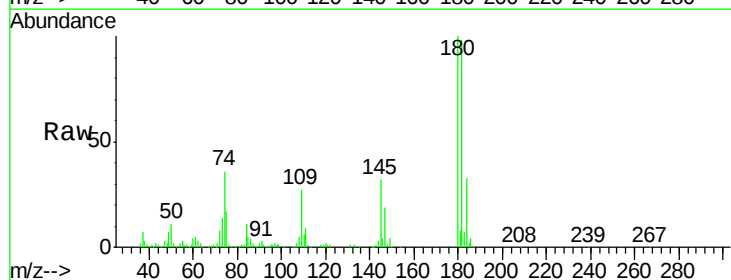
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	38.9	78.9
98	35.5	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.115 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.2	112.8
145	32.3	23.6	35.4

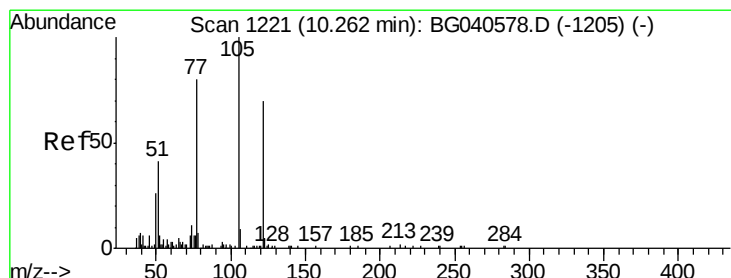
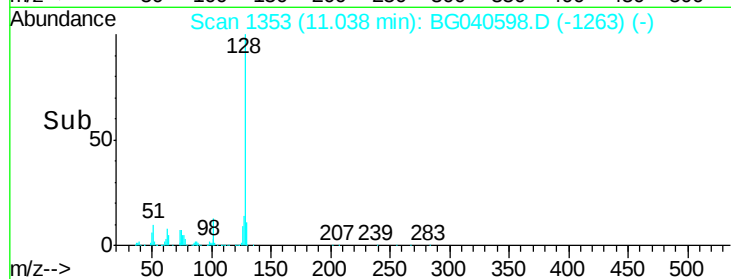
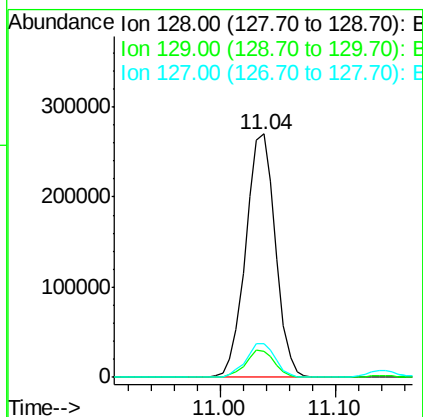
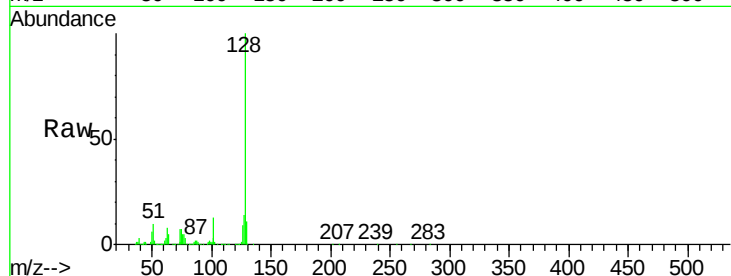




#31
Naphthalene
Concen: 45.765 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

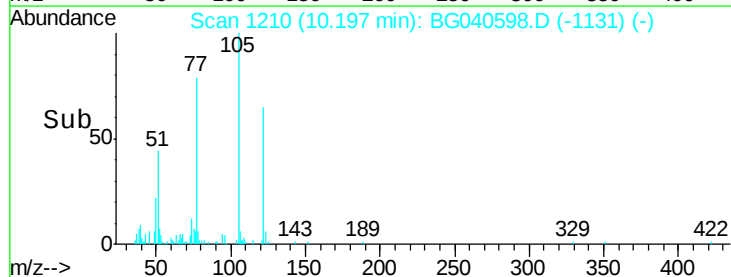
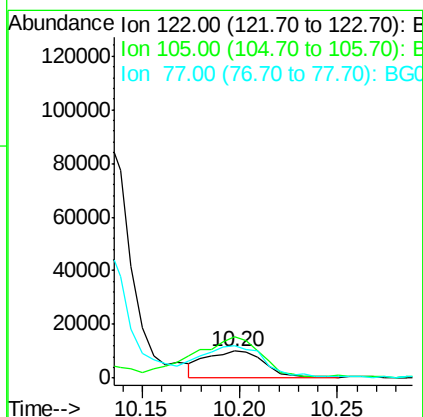
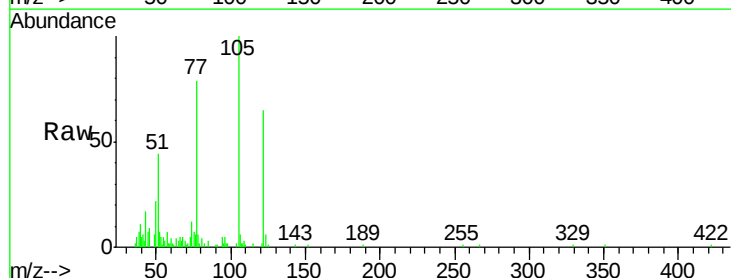
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 9.675 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.06 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.0	110.9	150.9#
77	120.7	87.6	127.6

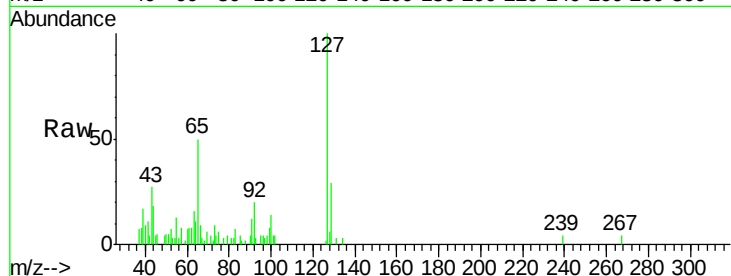




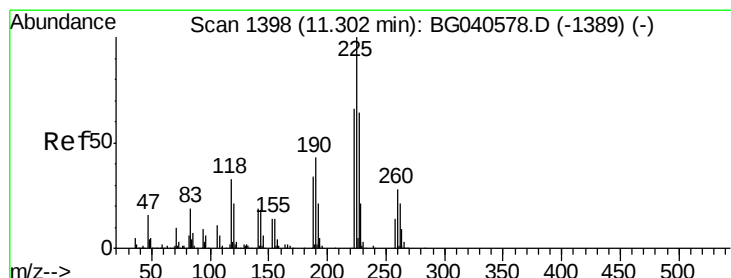
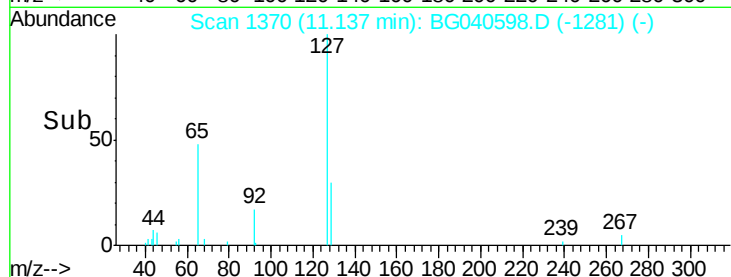
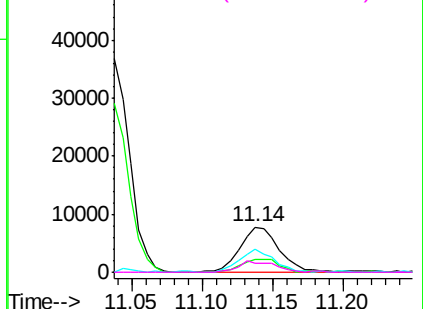
#33
4-Chloroaniline
Concen: 3.240 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	15104	
Ion Ratio	Lower	Upper	
127 100			
129 29.5	25.7	38.5	
65 50.3	36.1	54.1	
92 20.5	20.1	30.1	

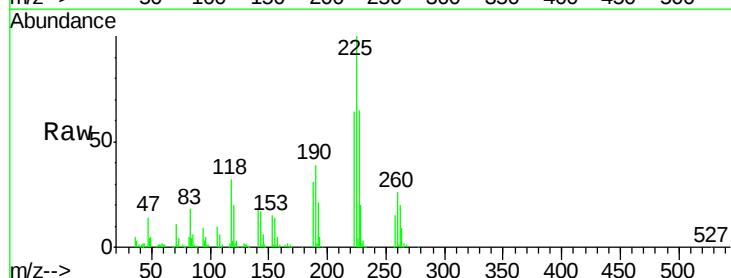


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

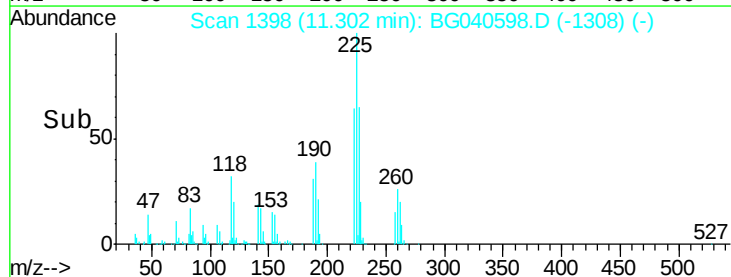
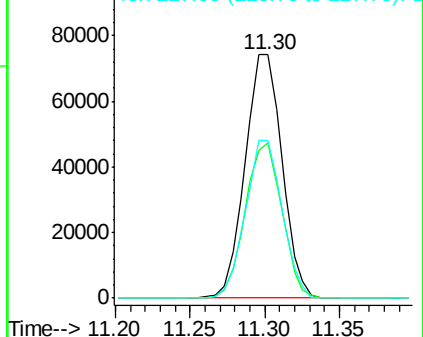


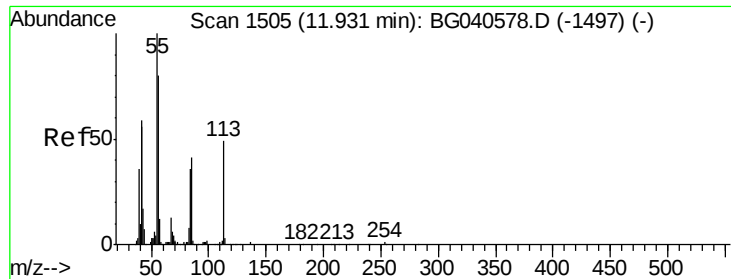
#34
Hexachlorobutadiene
Concen: 44.446 ng
RT: 11.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion	225	Resp: Lower	127160 Upper
	Ratio		
225	100		
223	63.7	50.4	75.6
227	68.0	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

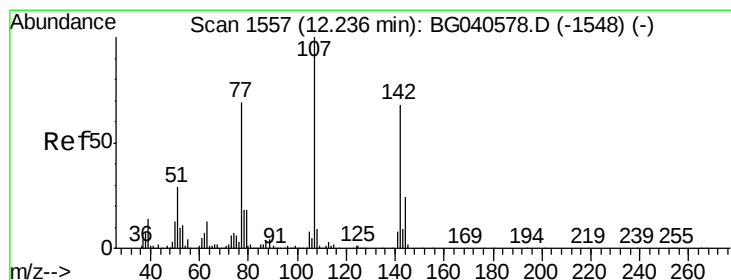
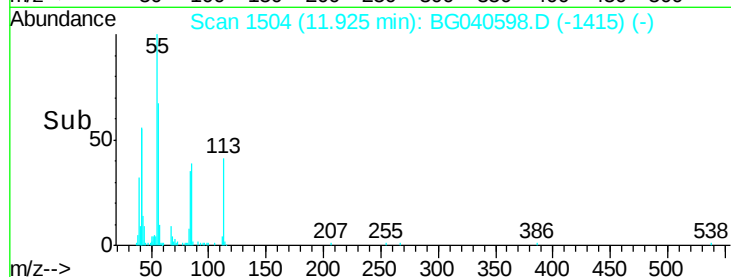
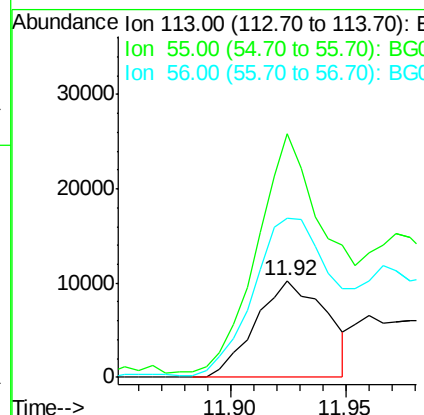
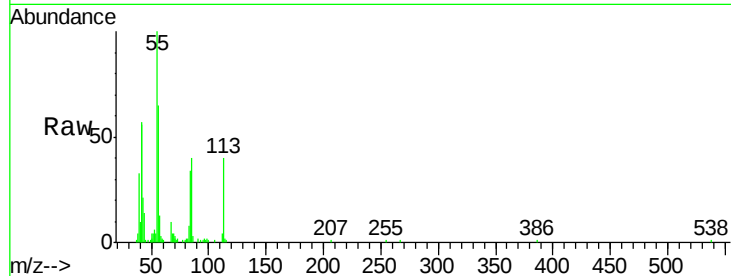




#35
 Caprolactam
 Concen: 15.801 ng
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

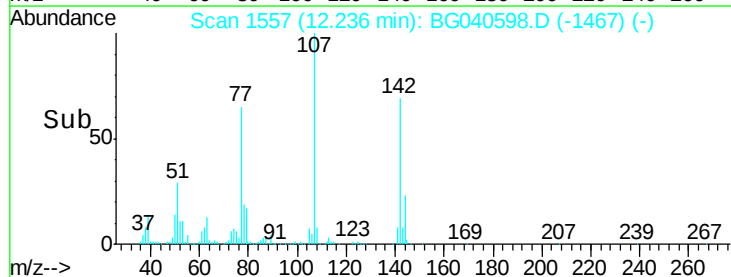
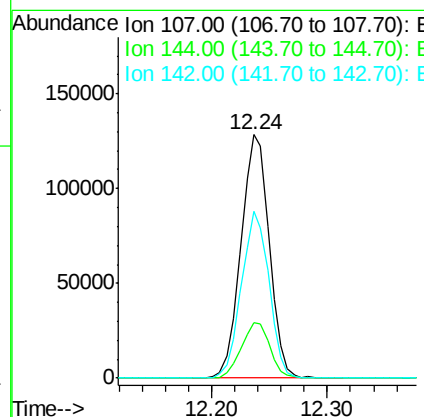
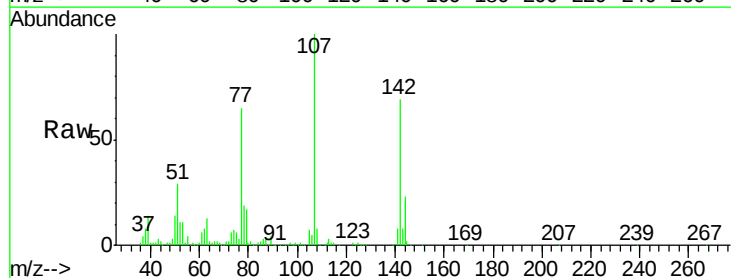
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 21801
 Ion Ratio Lower Upper
 113 100
 55 251.7 198.6 238.6#
 56 164.7 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.255 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion:107 Resp: 217140
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.3 28.9
 142 68.7 54.6 81.8

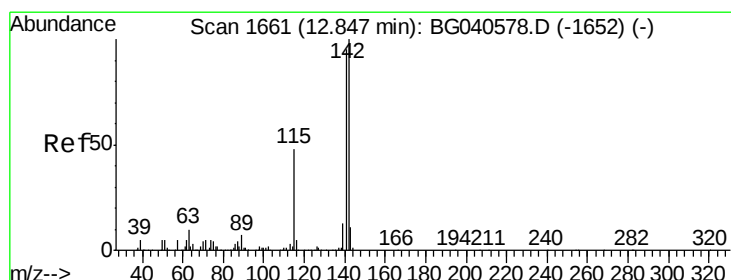
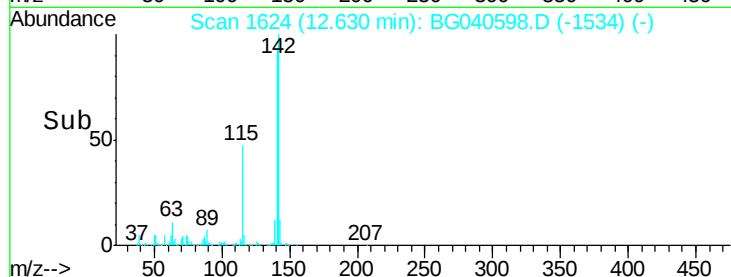
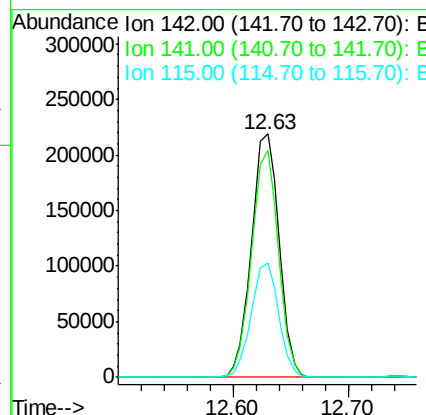
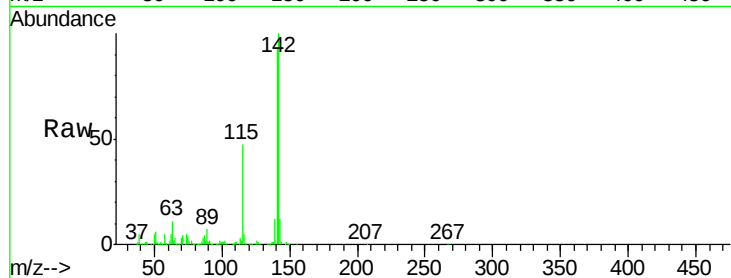




#37
2-Methylnaphthalene
Concen: 46.672 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

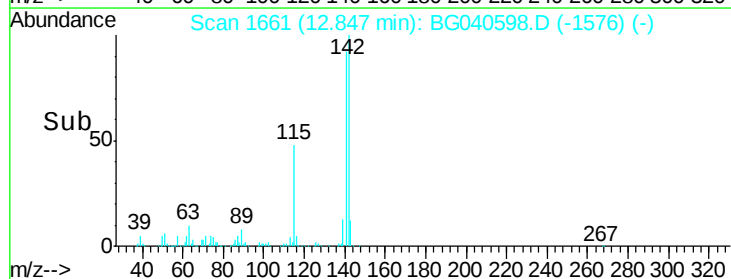
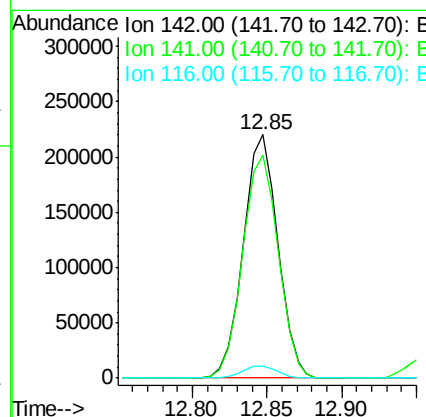
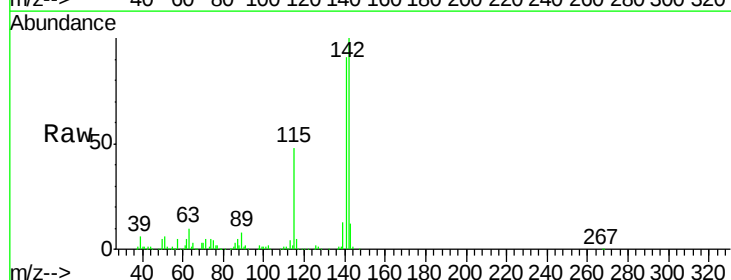
Instrument :
BNA_G
ClientSampleId :

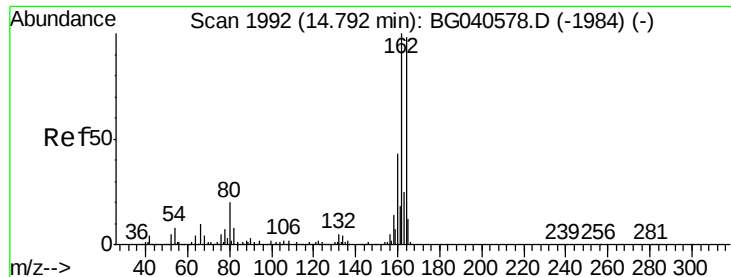
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.4	110.2
115	46.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 45.846 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.9	113.9
116	4.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

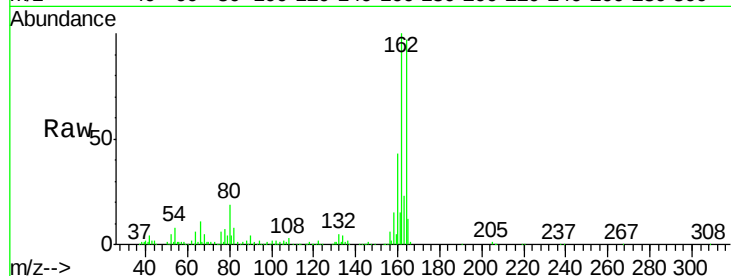
Tot Ion:164 Resp: 141165

Ion Ratio Lower Upper

164 100

162 102.9 81.9 122.9

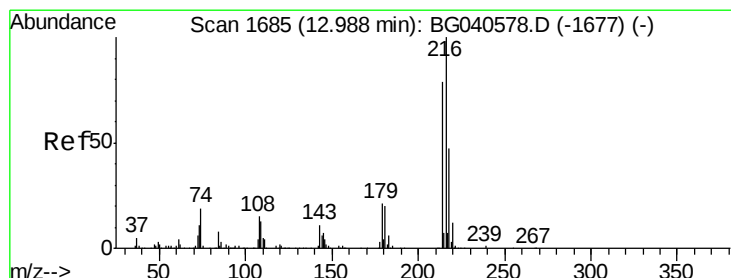
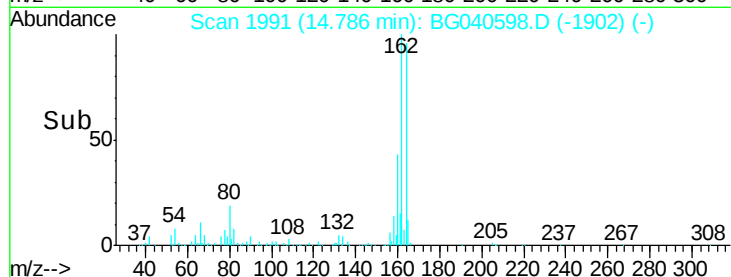
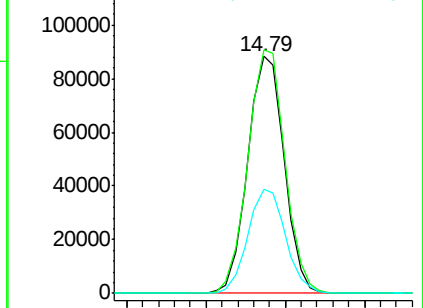
160 43.8 35.4 53.2



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: 44.722 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Tgt Ion:216 Resp: 235180

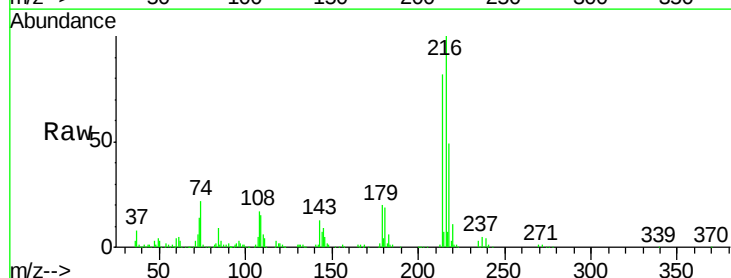
Ion Ratio Lower Upper

216 100

214 80.4 63.7 95.5

179 20.3 16.6 24.8

108 20.5 14.7 22.1

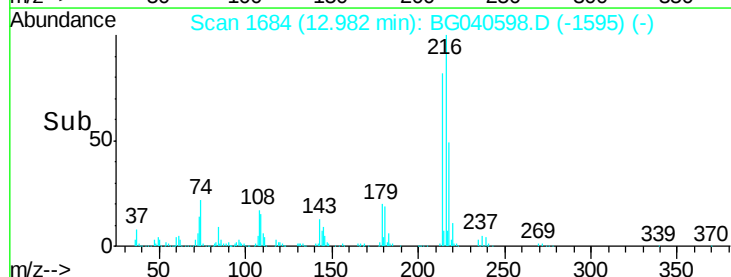
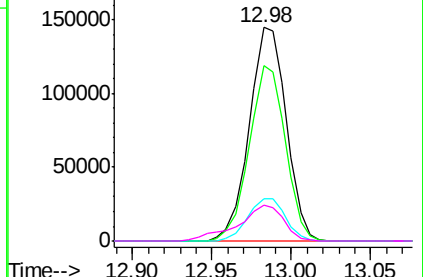


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.599 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampled :

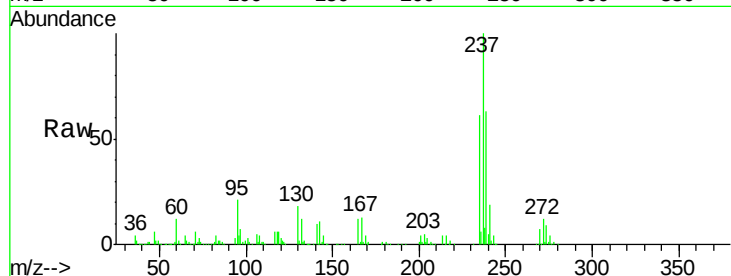
Tot Ion:237 Resp: 299754

Ion Ratio Lower Upper

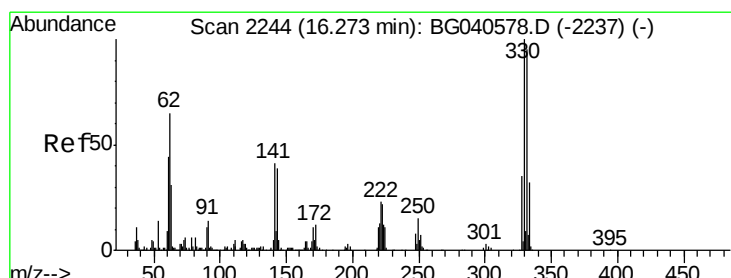
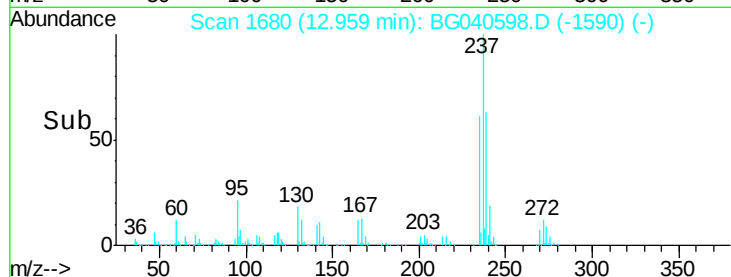
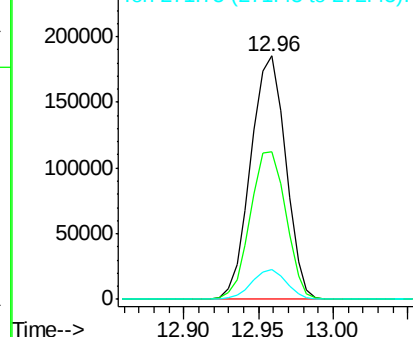
237 100

235 60.7 42.5 82.5

272 12.1 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: 149.635 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

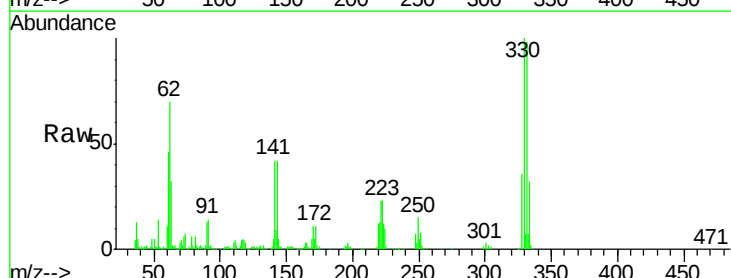
Tgt Ion:330 Resp: 290343

Ion Ratio Lower Upper

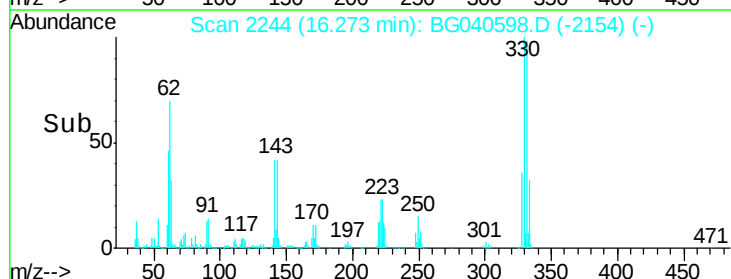
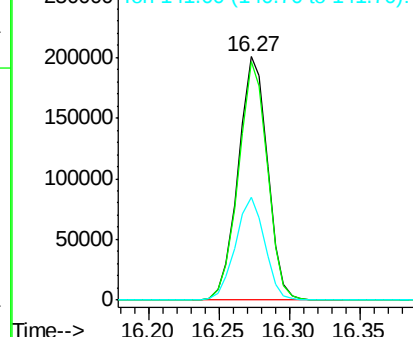
330 100

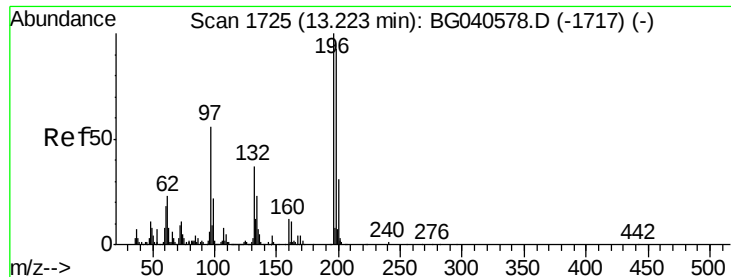
332 96.4 75.9 113.9

141 42.3 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

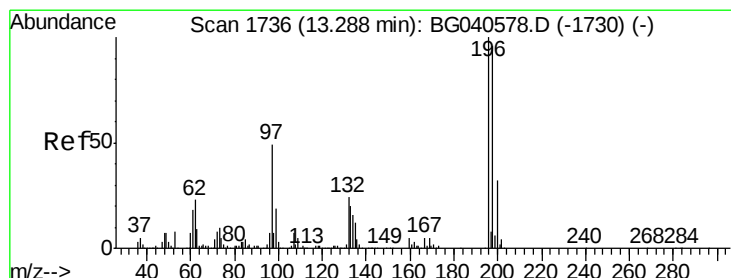
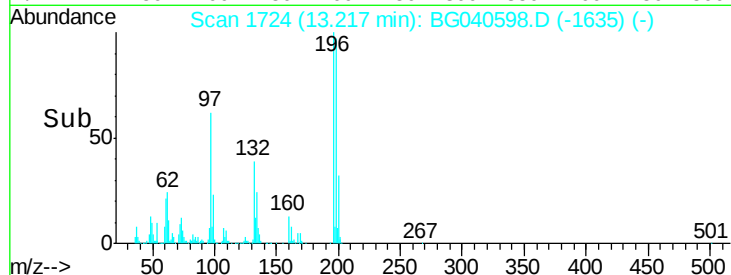
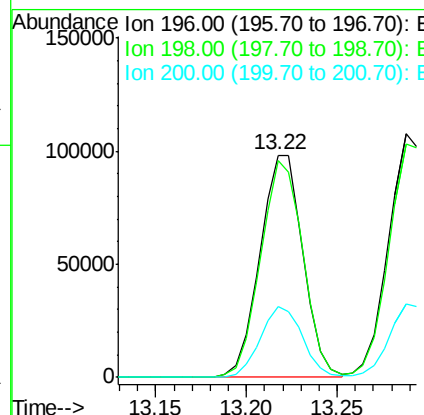
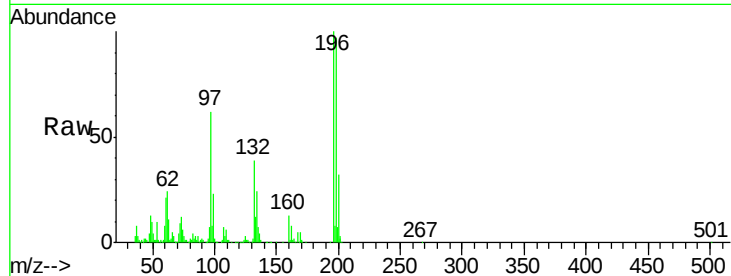




#43
 2,4,6-Trichlorophenol
 Concen: 51.225 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

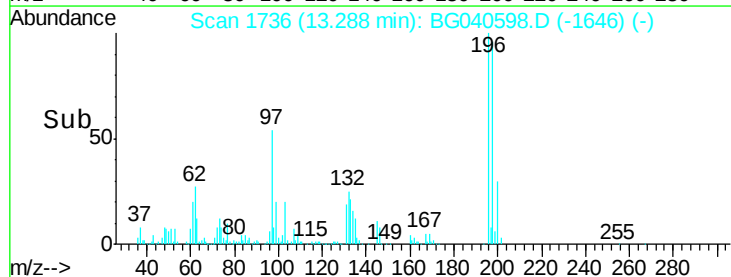
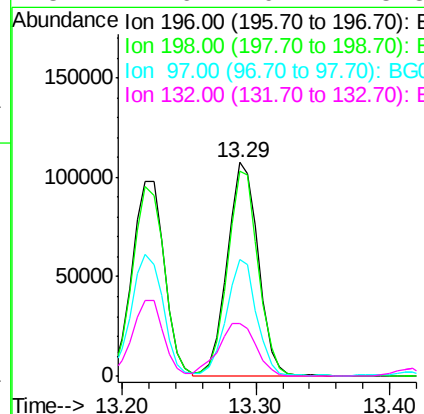
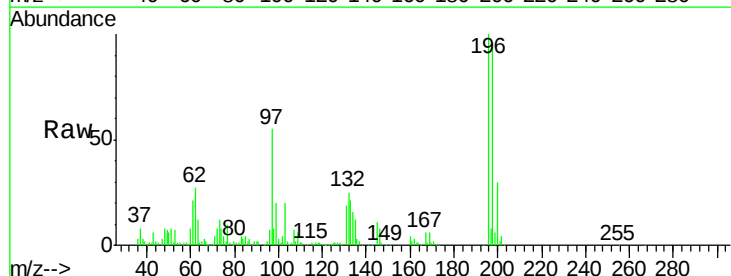
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	162789
Ion Ratio	Lower	Upper	
196	100		
198	97.3	74.8	112.2
200	31.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.860 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion	196	Resp	176071
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.0	115.6
97	54.6	40.0	60.0
132	24.6	19.2	28.8

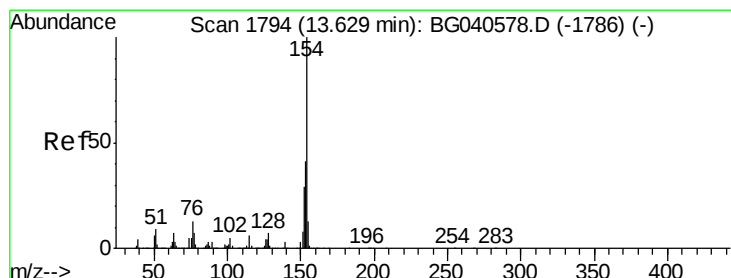
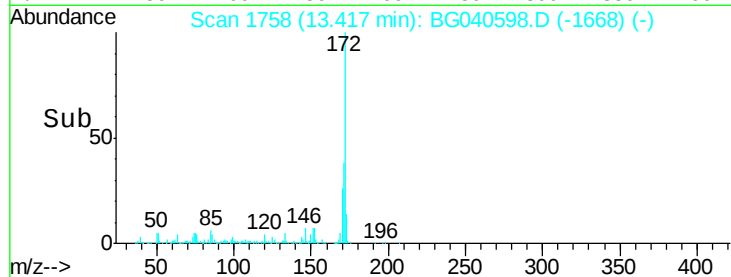
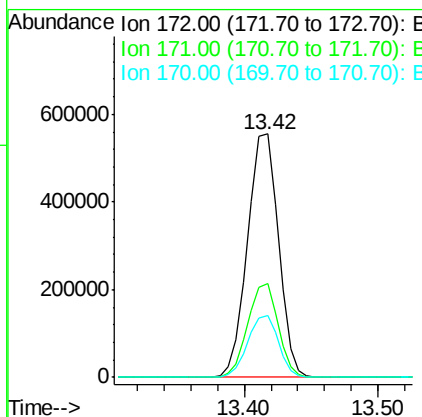
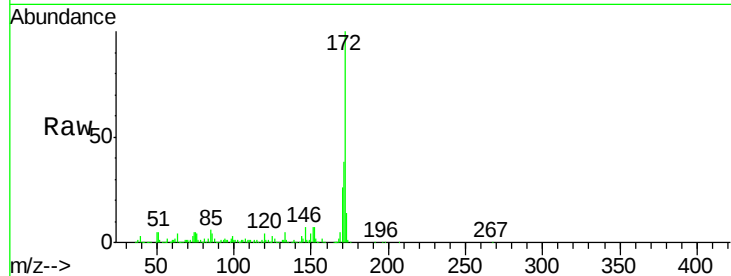




#45
 2-Fluorobiphenyl
 Concen: 90.669 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

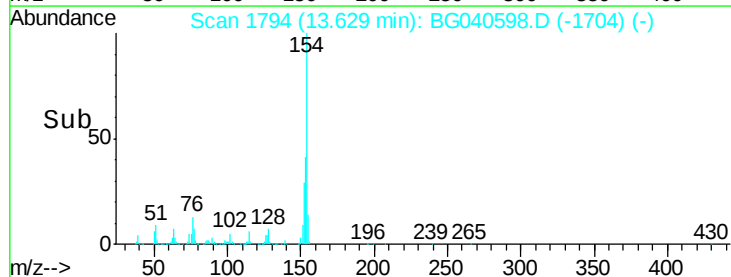
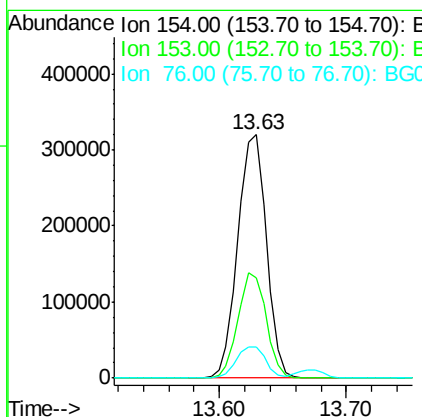
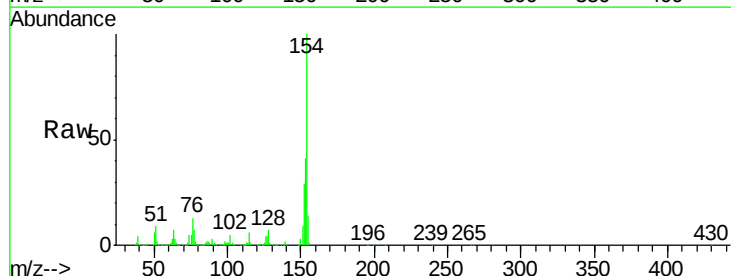
Instrument :
 BNA_G
 ClientSampleId :

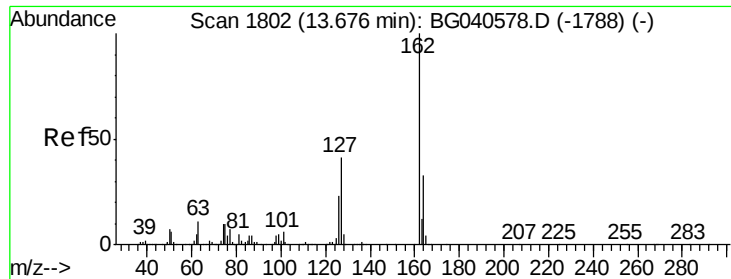
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.6	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 45.593 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.5	60.5
76	13.0	0.0	32.5

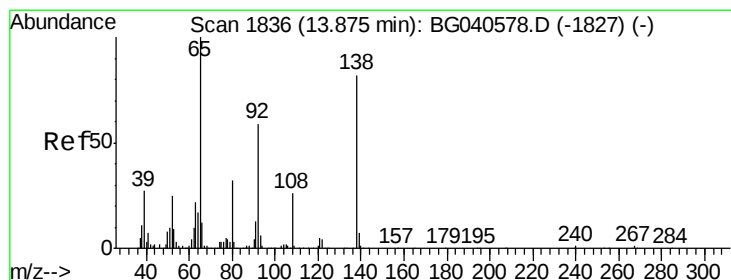
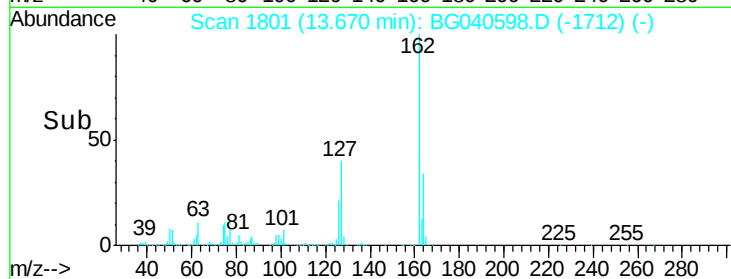
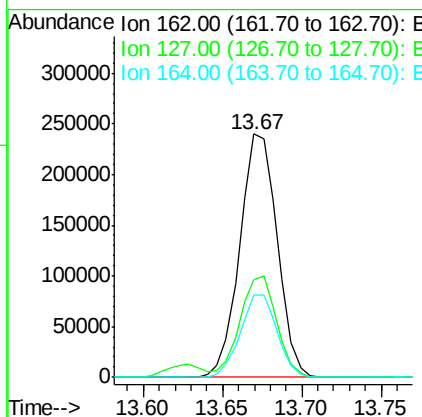
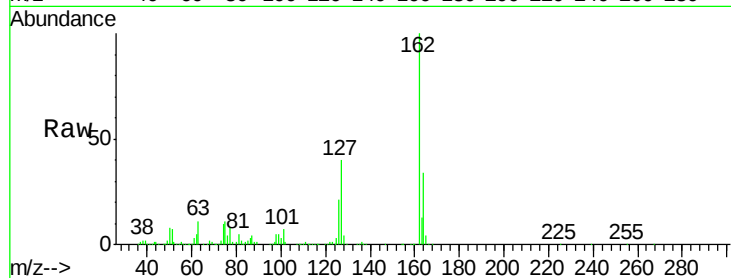




#47
2-Chloronaphthalene
Concen: 45.943 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

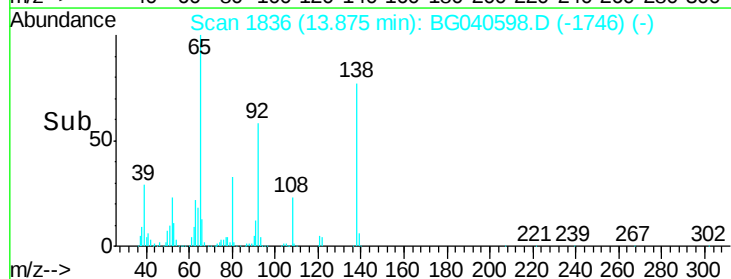
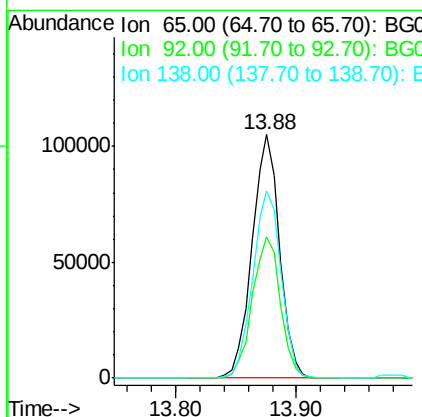
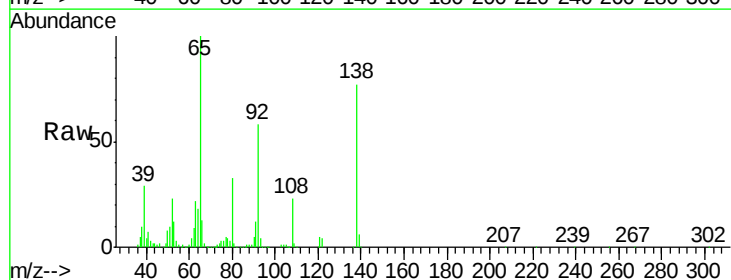
Instrument :
BNA_G
ClientSampleId :

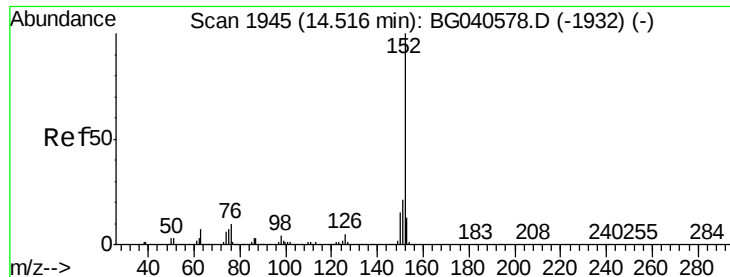
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.0	49.4
164	33.7	26.8	40.2



#48
2-Nitroaniline
Concen: 54.470 ng
RT: 13.88 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.8	47.4	71.0
138	76.7	66.1	99.1





#49

Acenaphthylene

Concen: 45.058 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

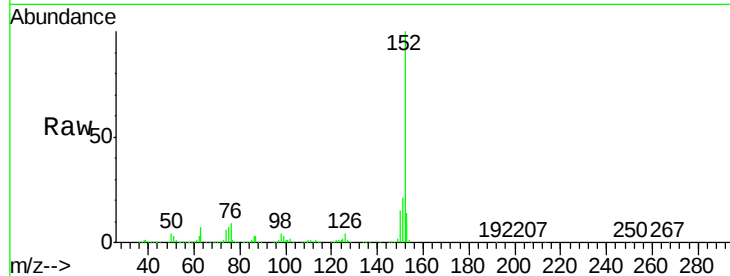
Tot Ion:152 Resp: 655700

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

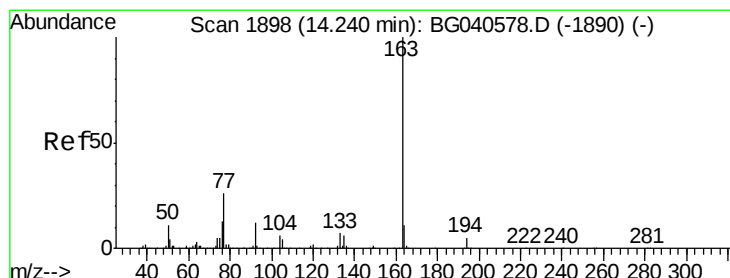
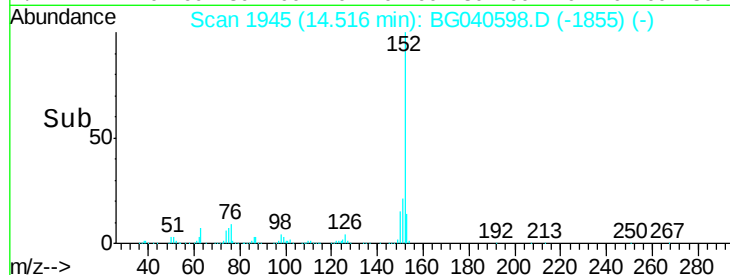
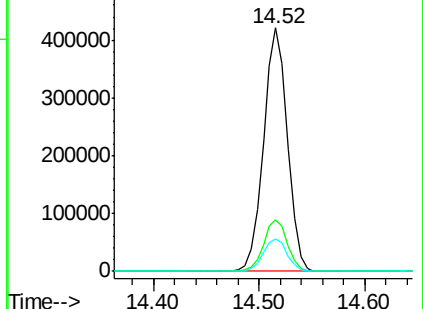
153 13.5 10.7 16.1



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: 48.181 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

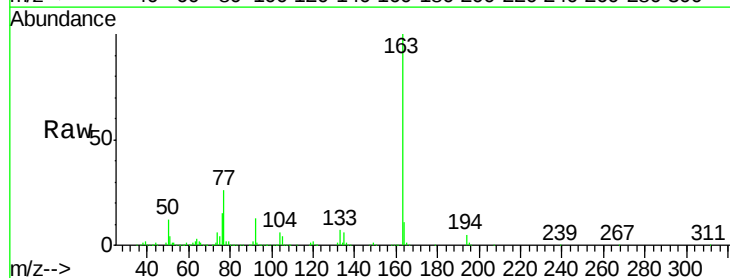
Tgt Ion:163 Resp: 569065

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

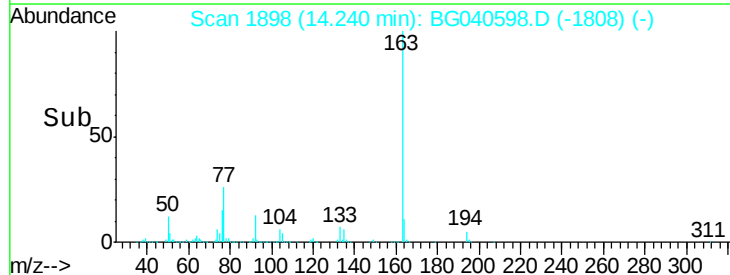
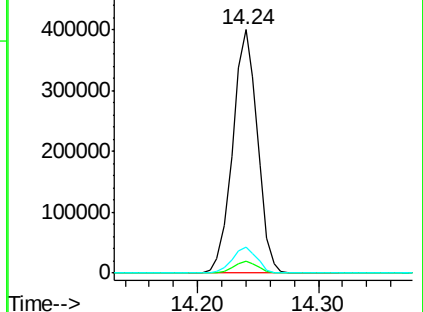
164 10.9 8.8 13.2

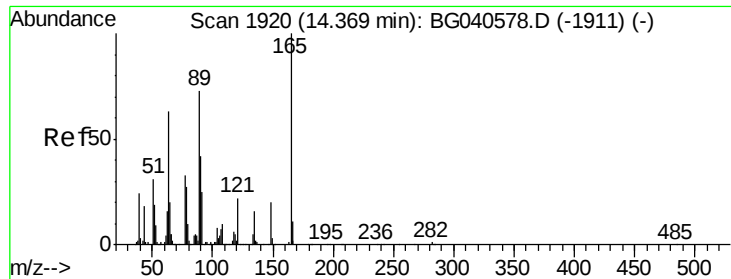


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

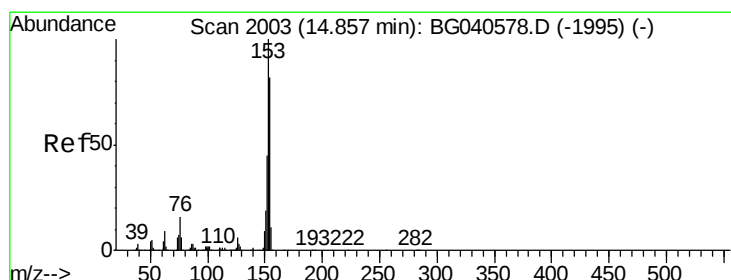
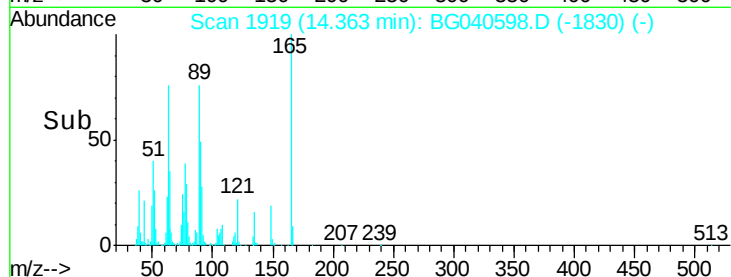
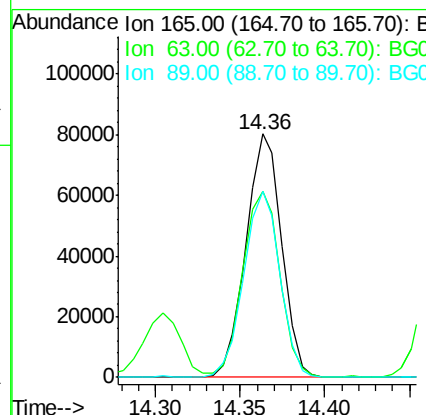
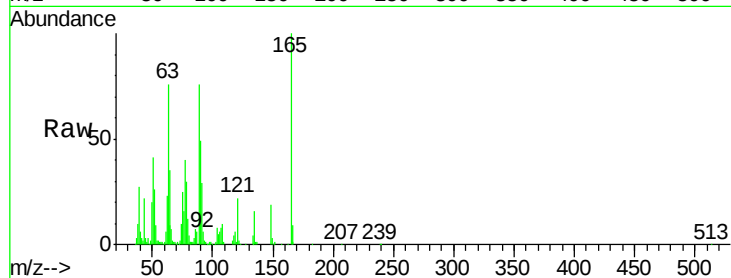




#51
2,6-Dinitrotoluene
Concen: 51.177 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

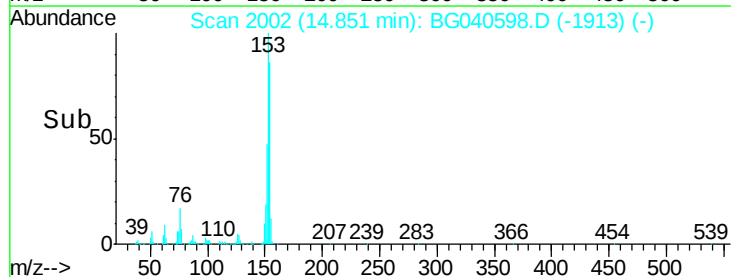
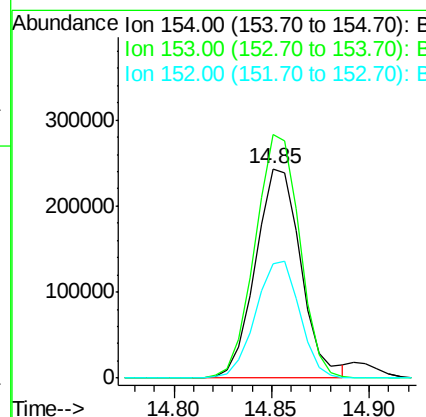
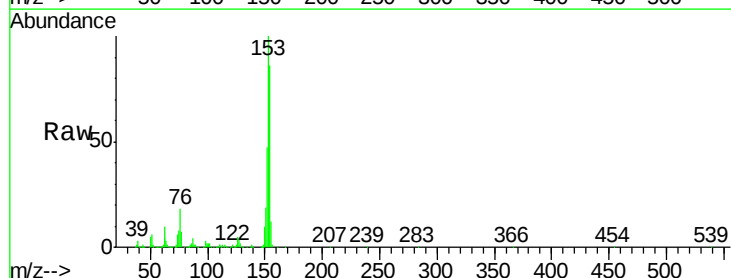
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 117971
Ion Ratio Lower Upper
165 100
63 76.4 61.0 91.4
89 76.3 58.6 87.8



#52
Acenaphthene
Concen: 46.272 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:154 Resp: 392143
Ion Ratio Lower Upper
154 100
153 116.2 97.0 145.6
152 54.8 44.1 66.1

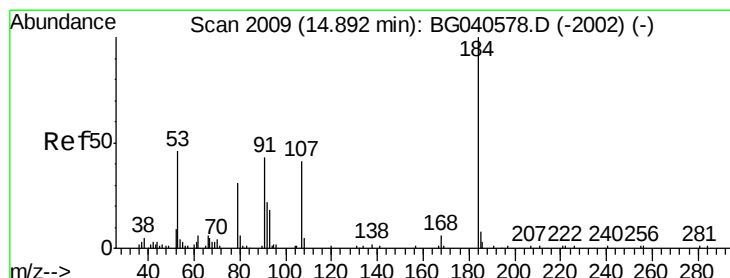
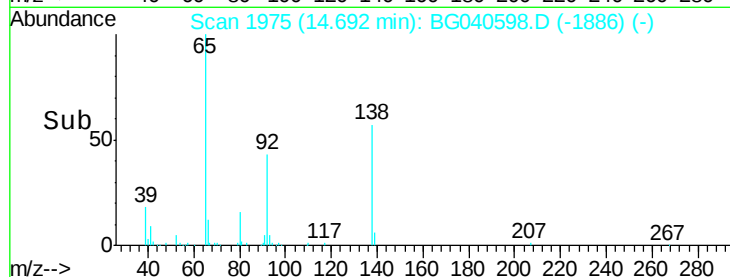
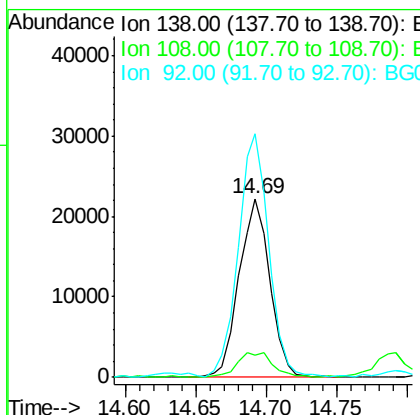
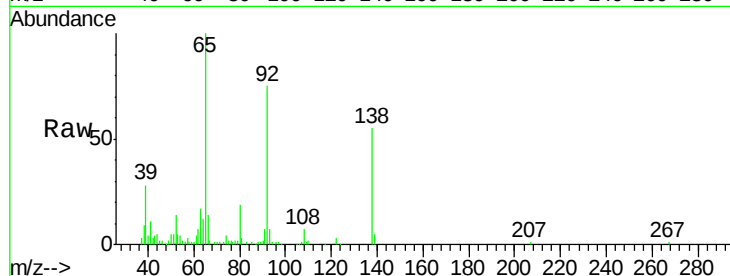




#53
3-Nitroaniline
Concen: 14.332 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

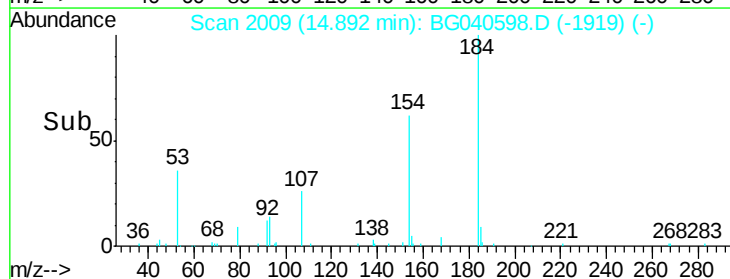
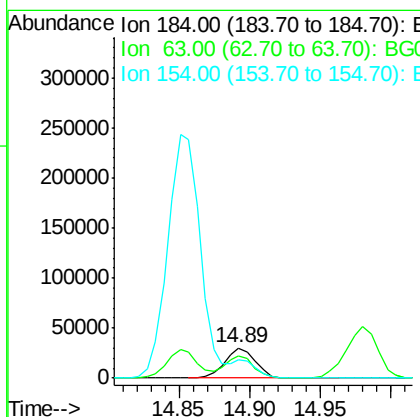
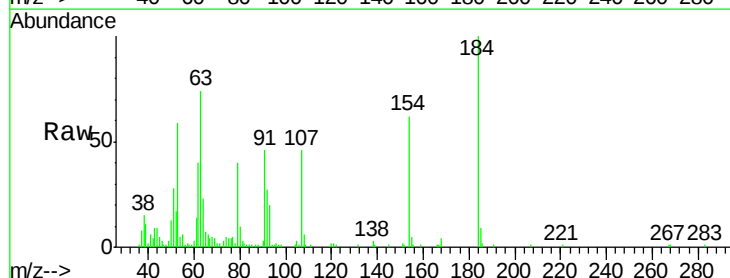
Instrument :
BNA_G
ClientSampleId :

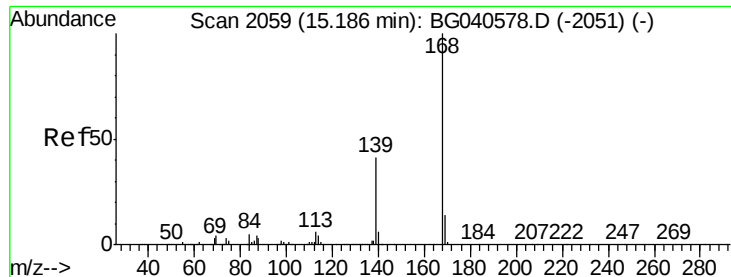
Tot Ion:138 Resp: 33851
Ion Ratio Lower Upper
138 100
108 12.7 12.4 18.6
92 136.5 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 38.545 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:184 Resp: 44932
Ion Ratio Lower Upper
184 100
63 74.0 51.8 77.6
154 62.4 43.6 65.4





#55

Dibenzofuran

Concen: 46.585 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampled :

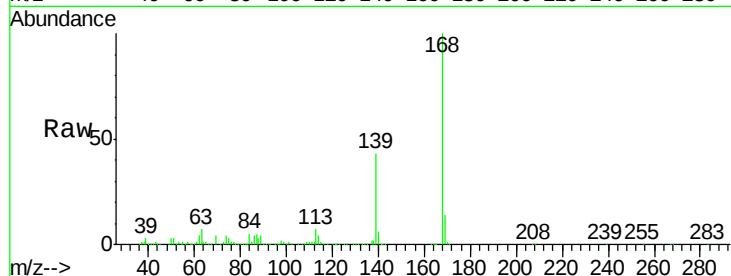
Tot Ion:168 Resp: 646655

Ion Ratio Lower Upper

168 100

139 43.5 33.0 49.4

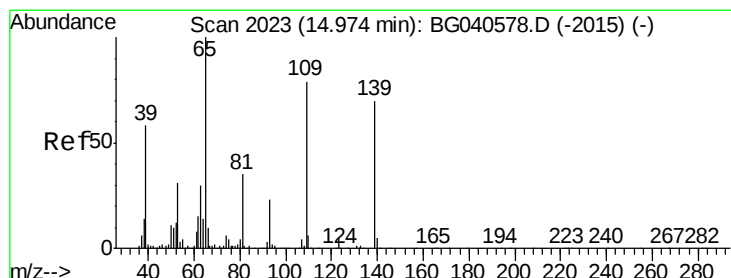
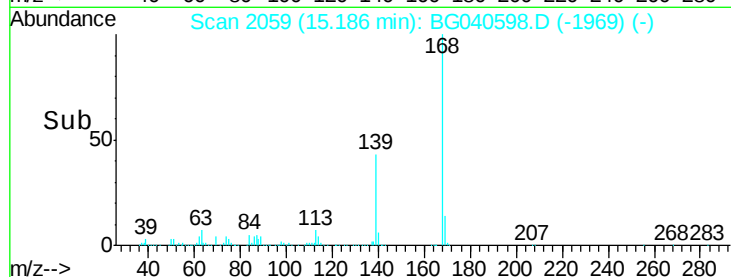
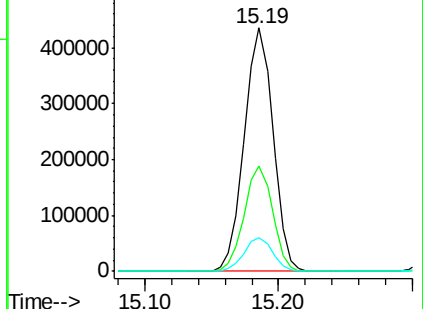
169 13.6 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.823 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

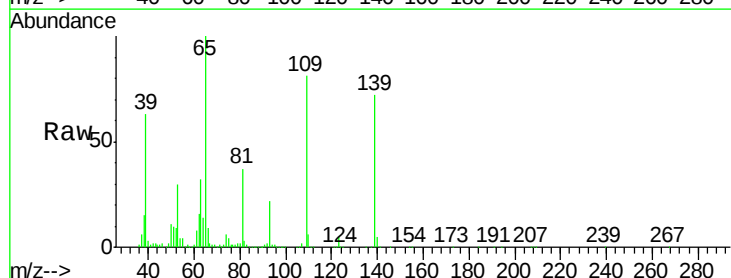
Tgt Ion:139 Resp: 179863

Ion Ratio Lower Upper

139 100

109 112.8 93.8 133.8

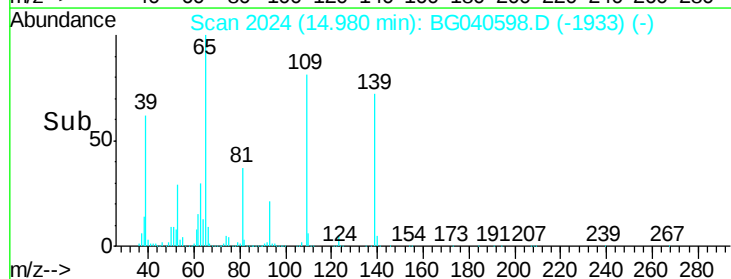
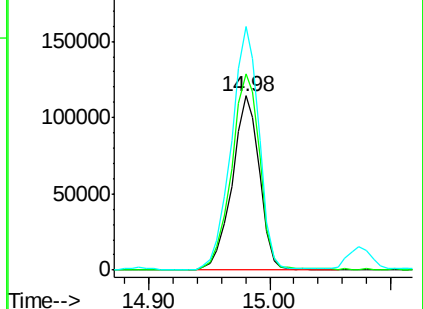
65 139.6 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

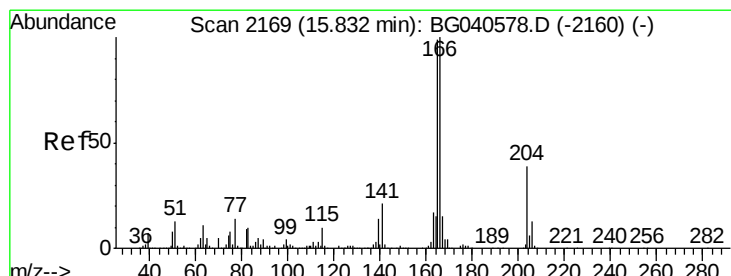
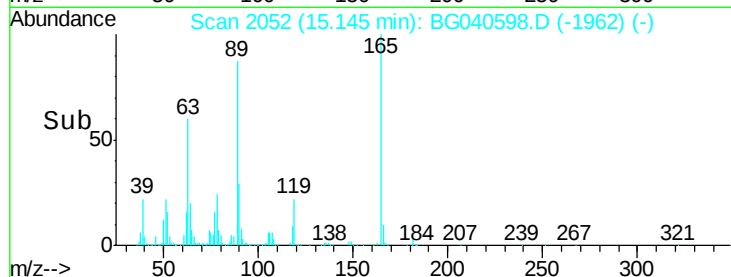
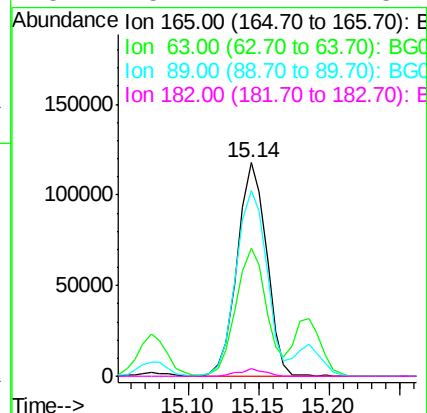
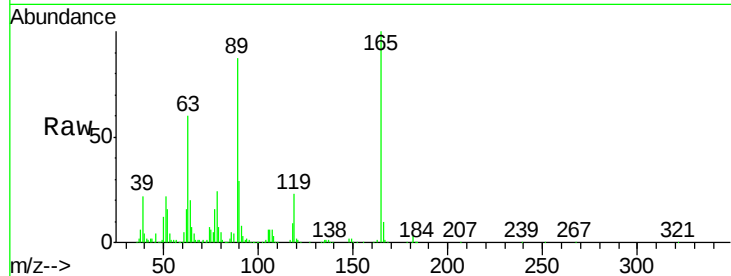




#57
 2,4-Dinitrotoluene
 Concen: 54.947 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

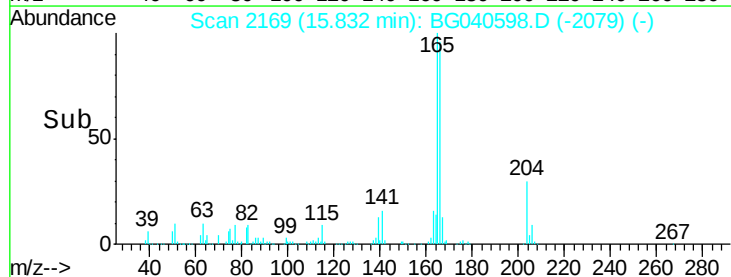
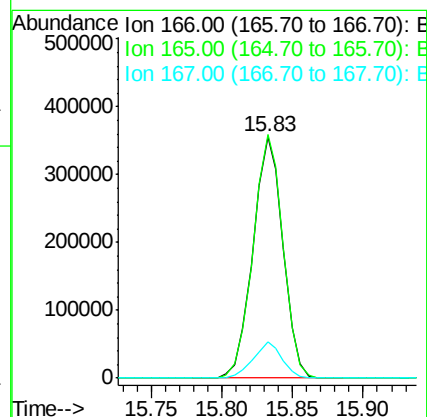
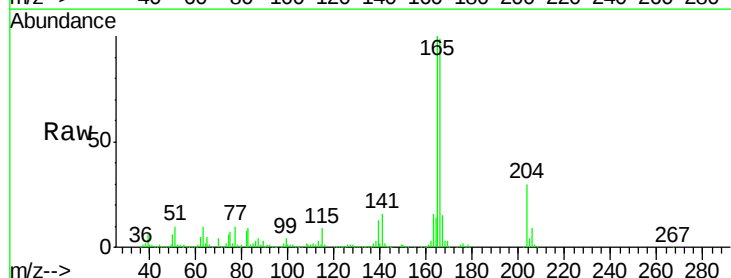
Instrument :
 BNA_G
 ClientSampleId :

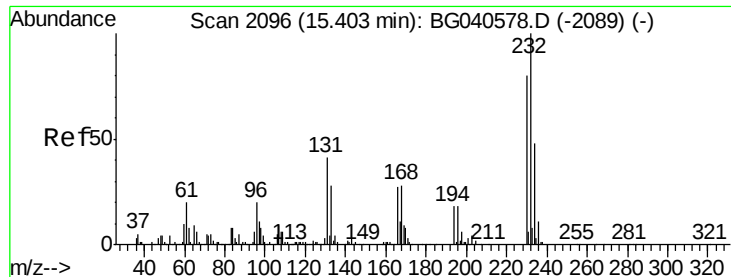
Tot Ion:165 Resp: 172111
 Ion Ratio Lower Upper
 165 100
 63 60.2 45.8 68.8
 89 86.8 69.4 104.2
 182 3.7 2.2 3.4#



#58
 Fluorene
 Concen: 47.129 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion:166 Resp: 528764
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.6 119.4
 167 14.8 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.117 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.08 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 178114

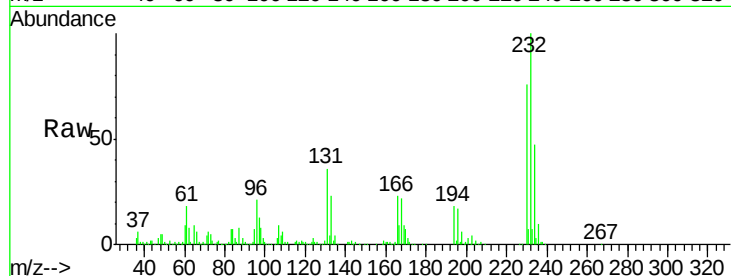
Ion Ratio Lower Upper

232 100

131 37.9 33.0 49.4

130 2.8 2.0 3.0

166 23.5 22.1 33.1

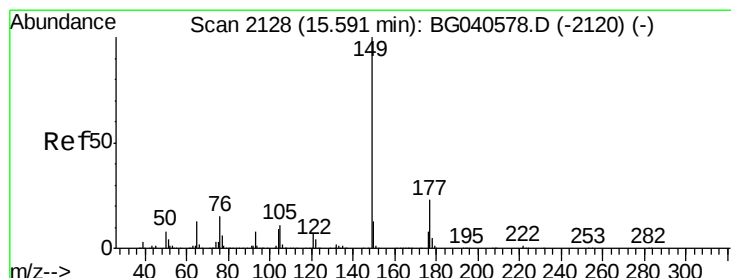
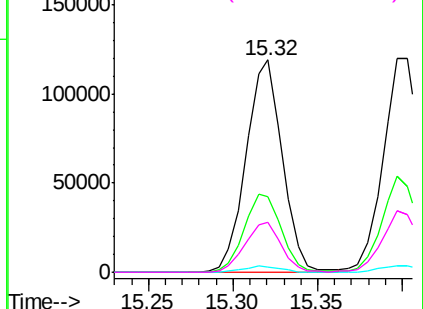
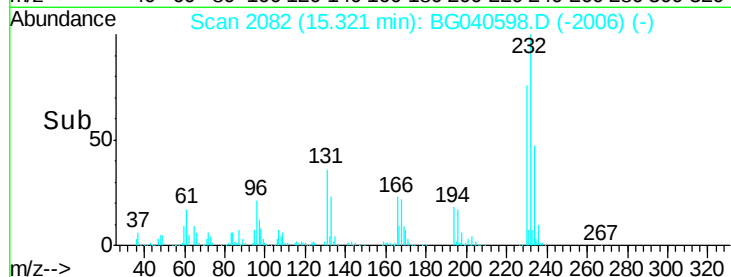


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.809 ng

RT: 15.59 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

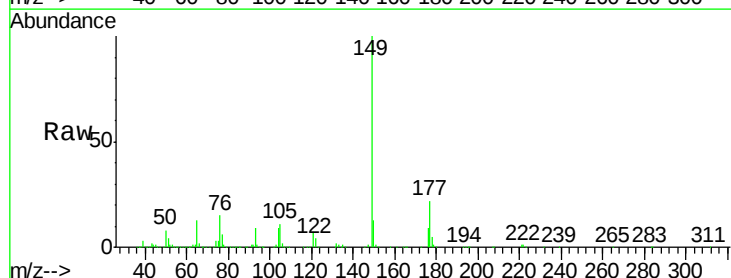
Tgt Ion:149 Resp: 608240

Ion Ratio Lower Upper

149 100

177 22.2 18.5 27.7

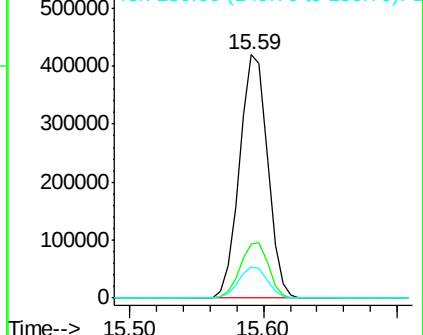
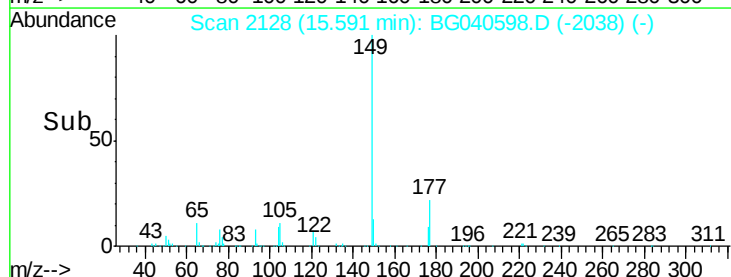
150 12.8 10.2 15.4

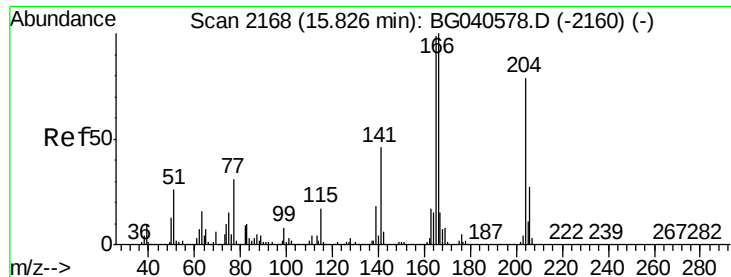


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

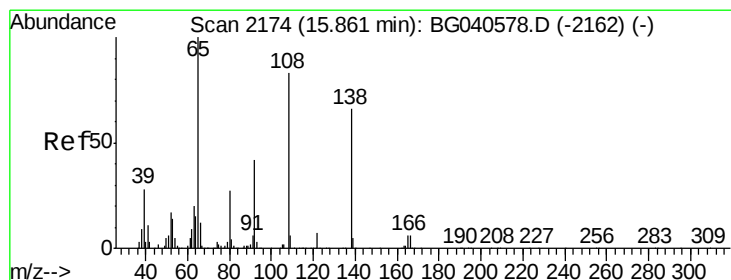
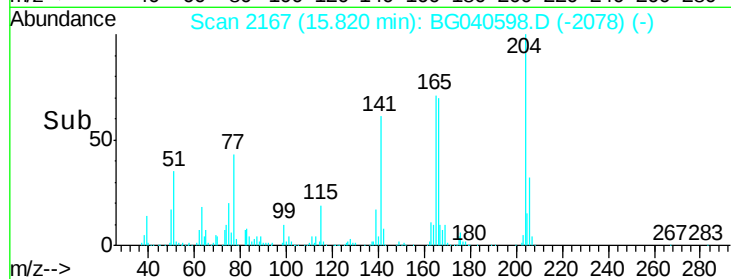
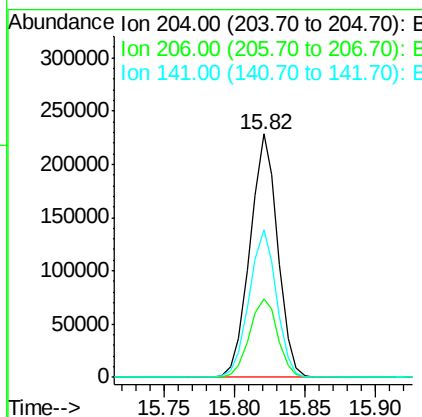
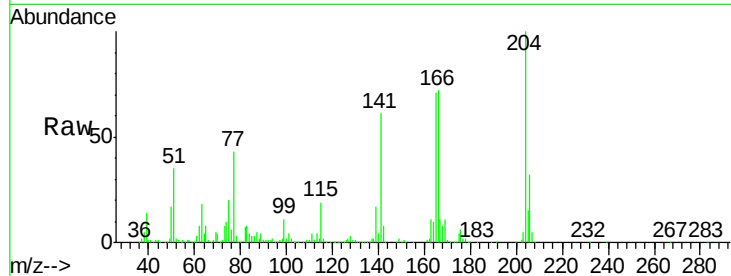




#61
4-Chlorophenyl-phenylether
Concen: 48.253 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

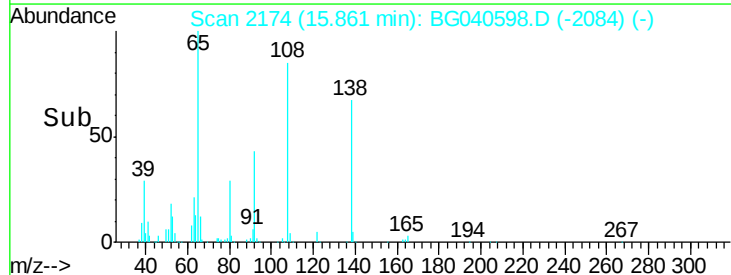
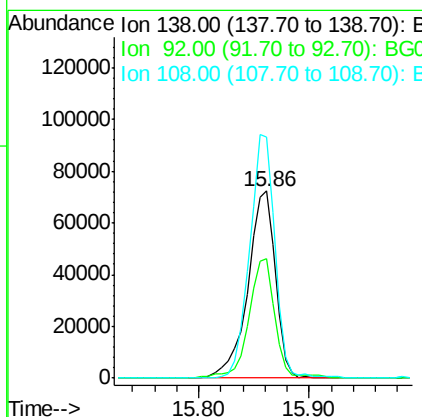
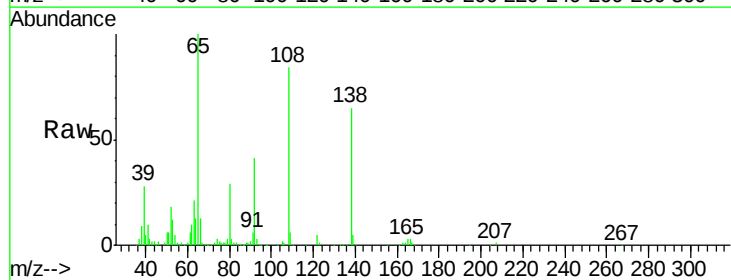
Instrument :
BNA_G
ClientSampleId :

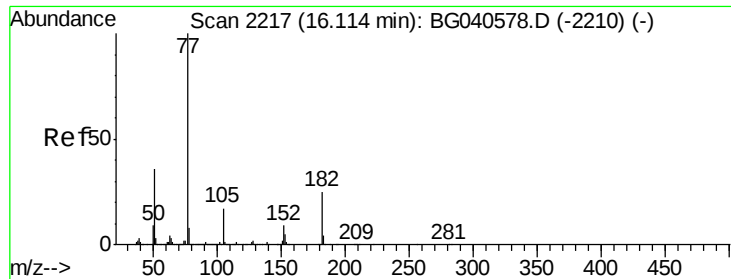
Tot Ion:204 Resp: 314869
Ion Ratio Lower Upper
204 100
206 32.3 27.4 41.2
141 60.9 46.0 69.0



#62
4-Nitroaniline
Concen: 48.059 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:138 Resp: 126974
Ion Ratio Lower Upper
138 100
92 63.7 43.9 83.9
108 129.2 106.5 146.5

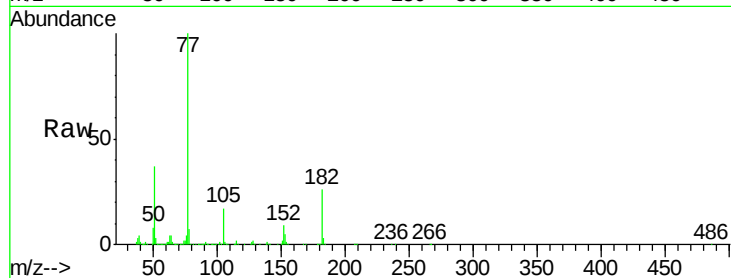




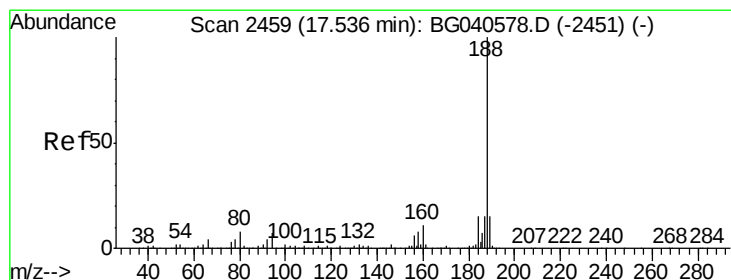
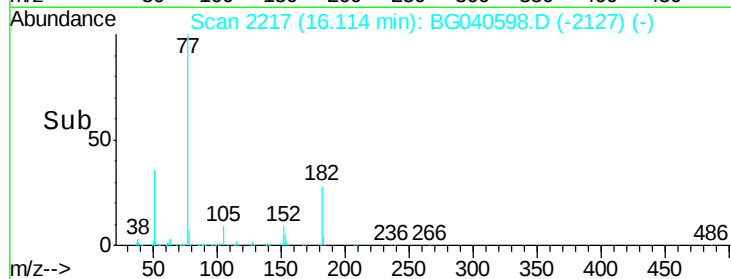
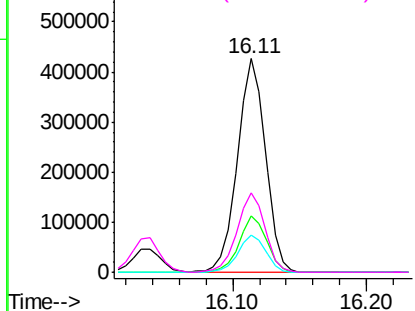
#63
Azobenzene
Concen: 48.291 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	619750
Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.0	45.0
105	17.2	0.0	37.6
51	37.3	16.3	56.3

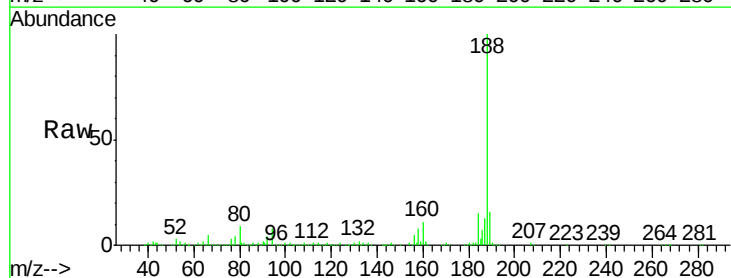


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

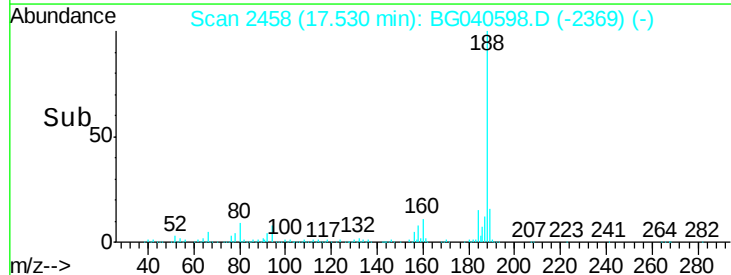
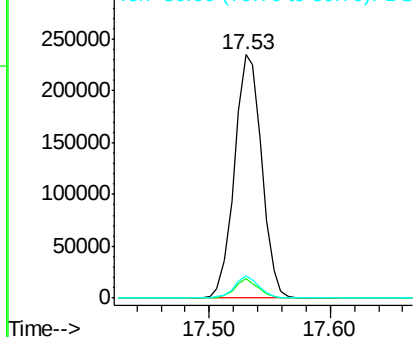


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:	188	Resp:	368225
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.6	8.4
80	9.3	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: 30.037 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

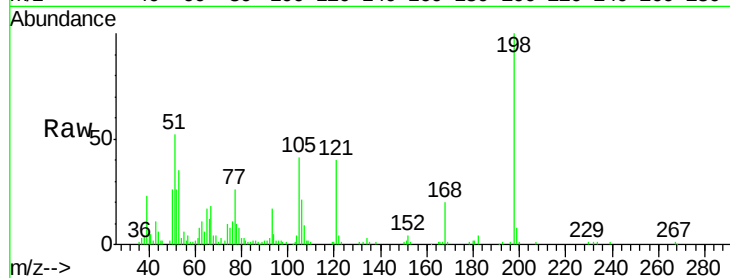
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 48839

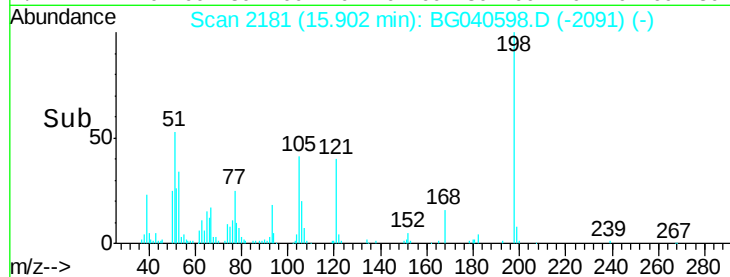
Ion	Ratio	Lower	Upper
198	100		
51	52.1	35.9	75.9
105	40.9	21.2	61.2



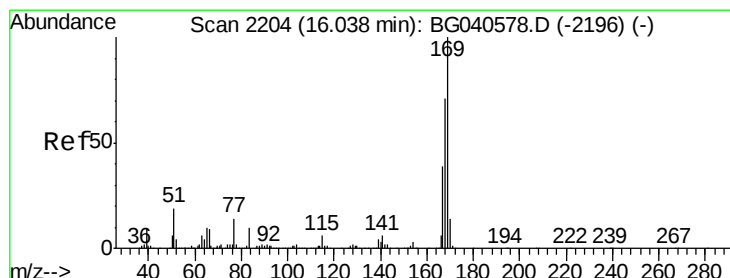
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.887 ng

RT: 16.04 min Scan# 2204

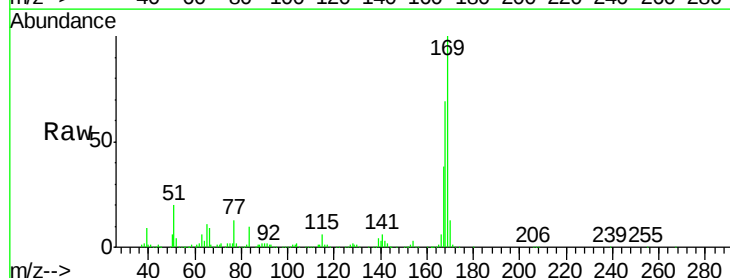
Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Tgt Ion:169 Resp: 497117

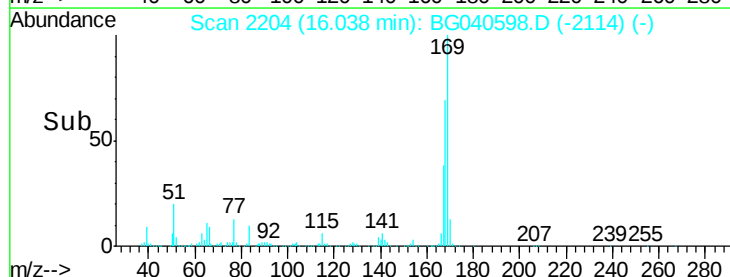
Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.8	85.2
167	38.3	31.4	47.0



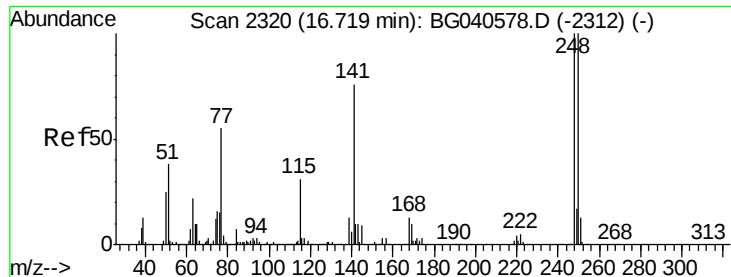
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 45.131 ng

RT: 16.72 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

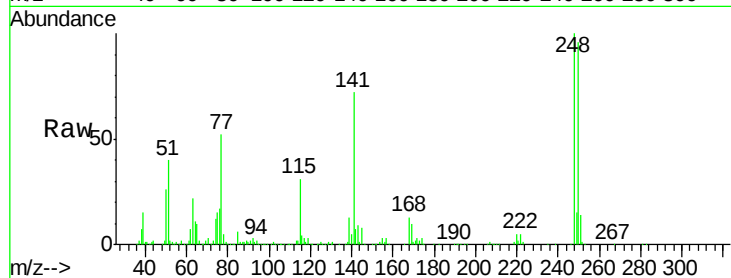
Instrument :

BNA_G

ClientSampled :

Tot Ion:248 Resp: 207042

Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.8	119.6
141	71.8	60.8	91.2

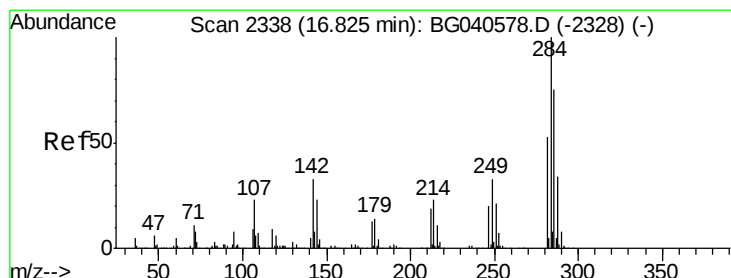
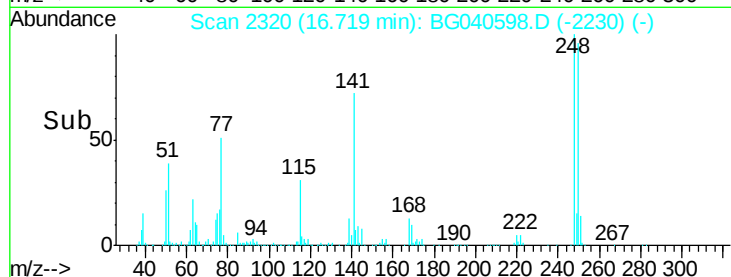
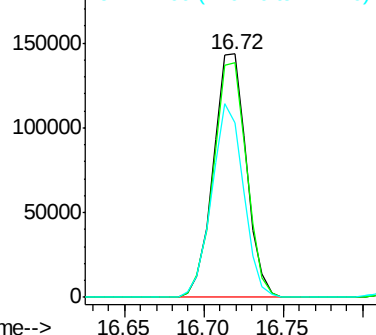


Abundance

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: 45.723 ng

RT: 16.82 min Scan# 2338

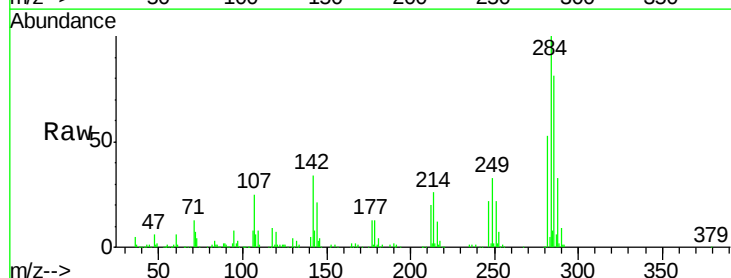
Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Tgt Ion:284 Resp: 216890

Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.6	40.0
249	33.1	26.0	39.0

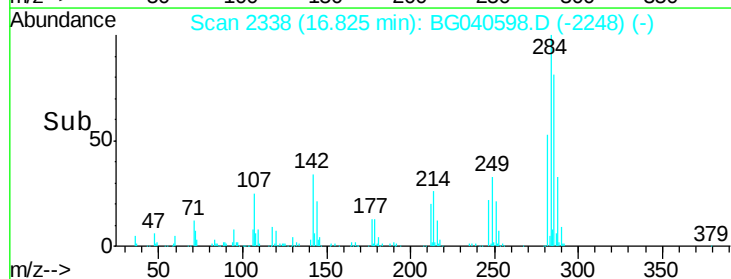
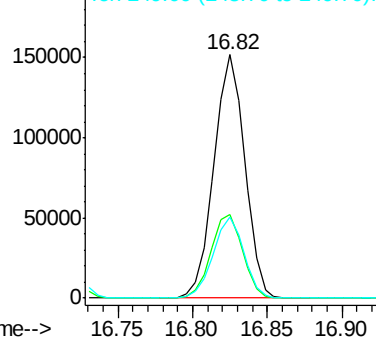


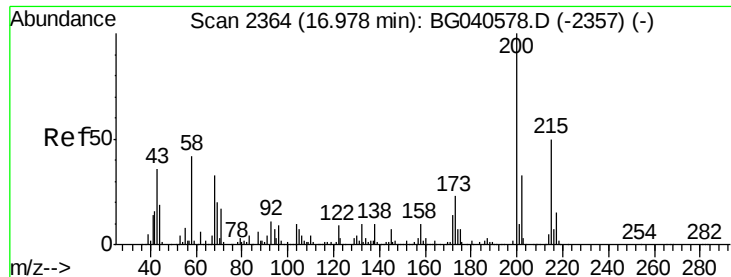
Abundance

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

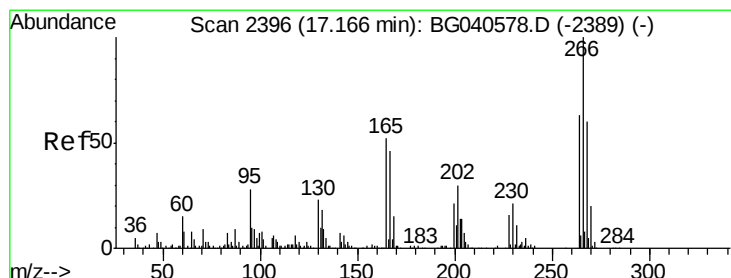
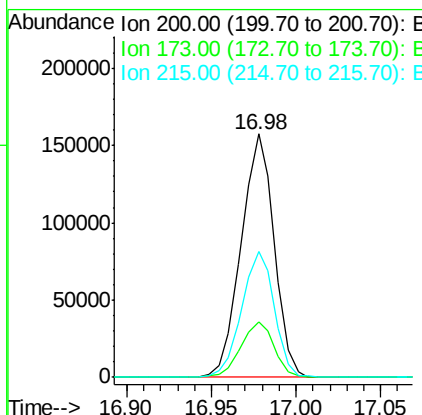
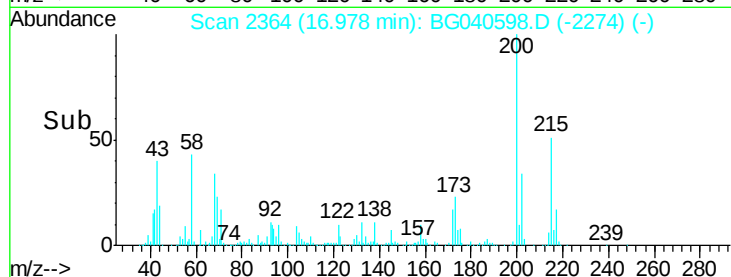
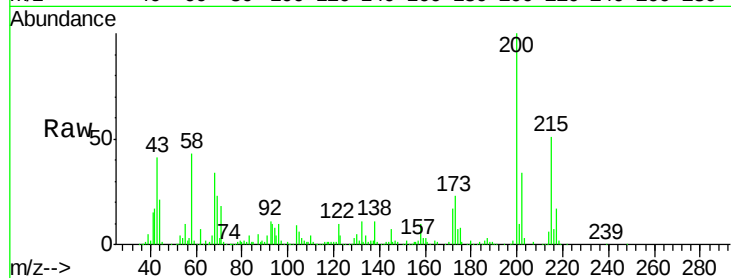




#69
 Atrazine
 Concen: 49.903 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

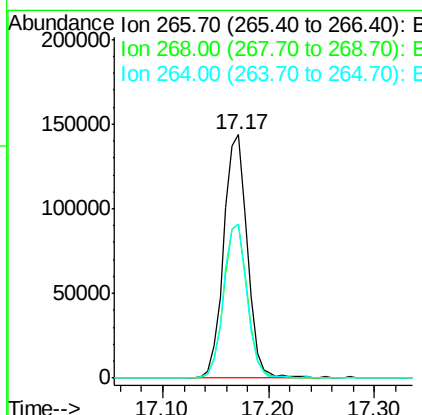
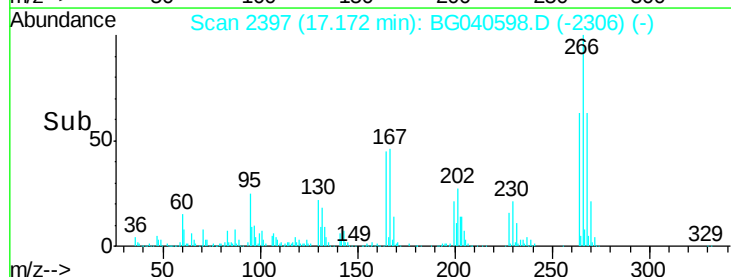
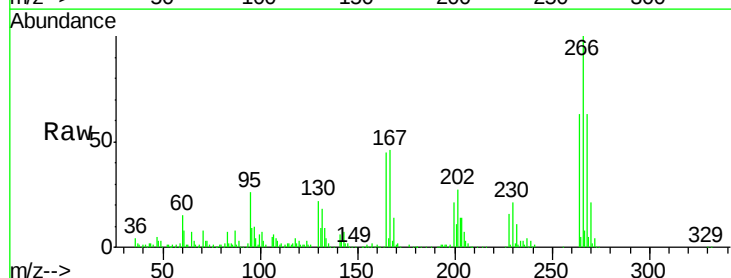
Instrument :
 BNA_G
 ClientSampleId :

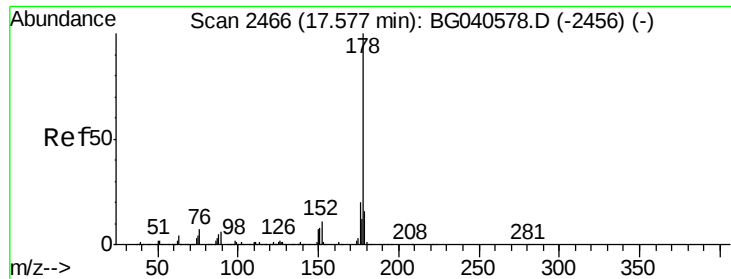
Tot Ion:200 Resp: 214193
 Ion Ratio Lower Upper
 200 100
 173 22.6 2.8 42.8
 215 51.5 30.2 70.2



#70
 Pentachlorophenol
 Concen: 80.166 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. 0.01 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion:266 Resp: 222523
 Ion Ratio Lower Upper
 266 100
 268 67.9 52.3 78.5
 264 63.4 50.0 75.0

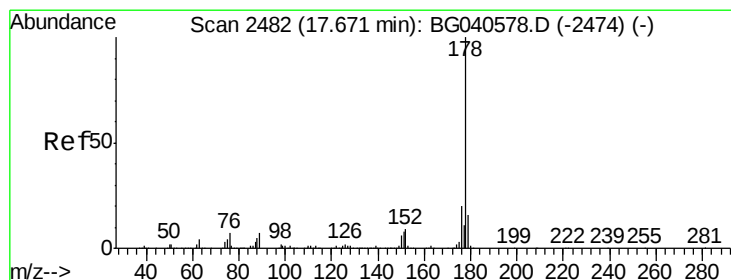
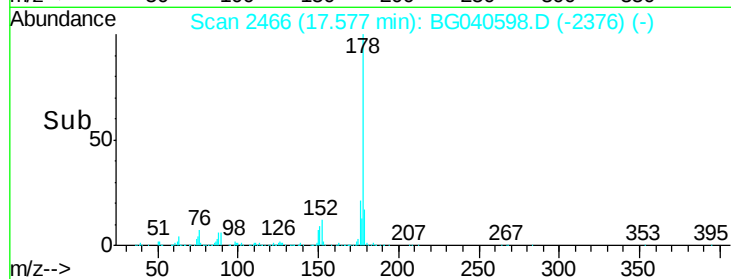
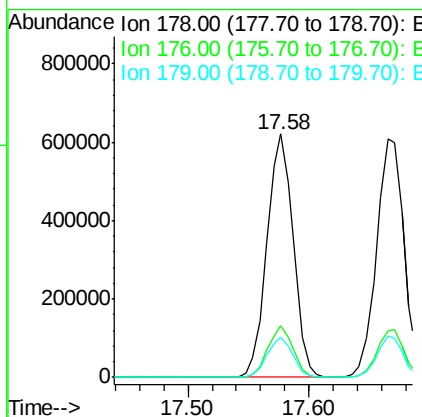
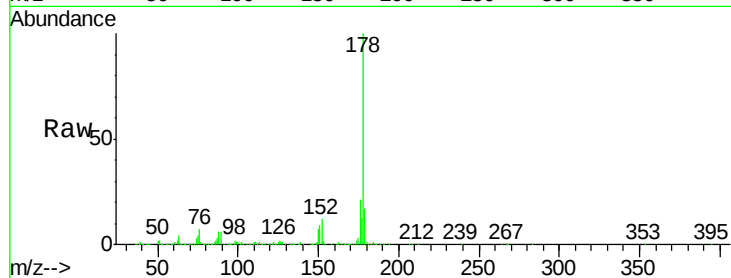




#71
Phenanthrene
Concen: 46.735 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

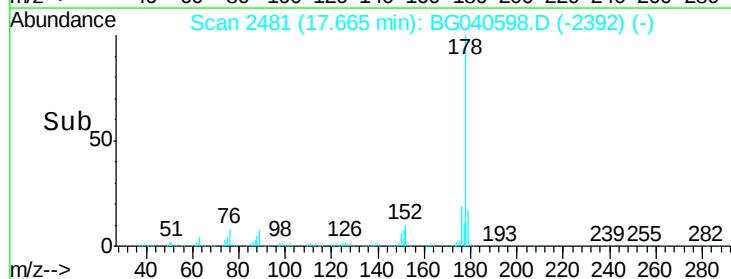
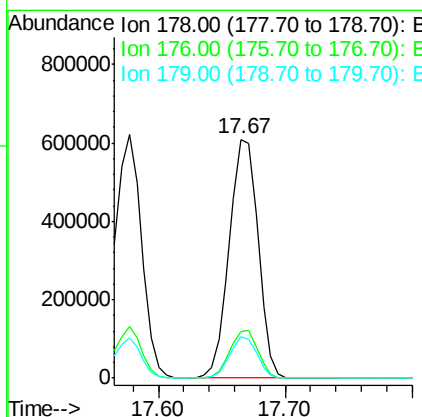
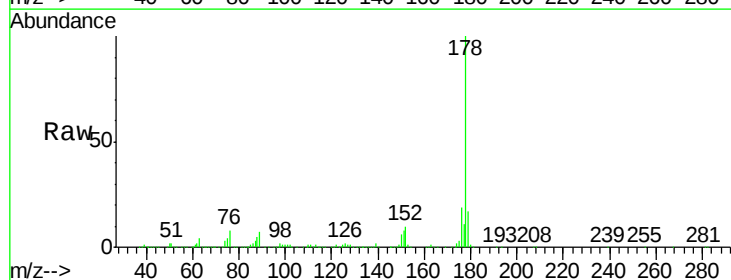
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.6
179	16.6	12.6	18.8



#72
Anthracene
Concen: 48.013 ng
RT: 17.67 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	17.1	12.9	19.3

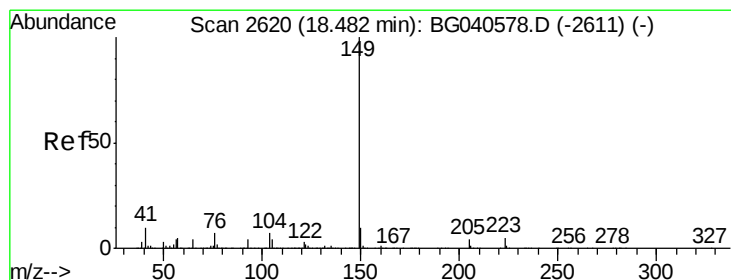
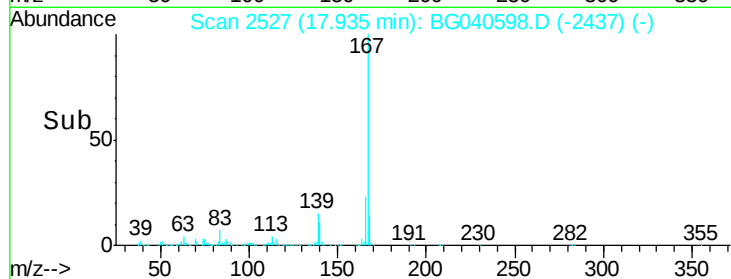
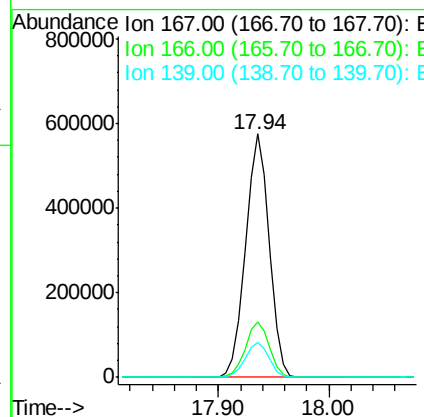
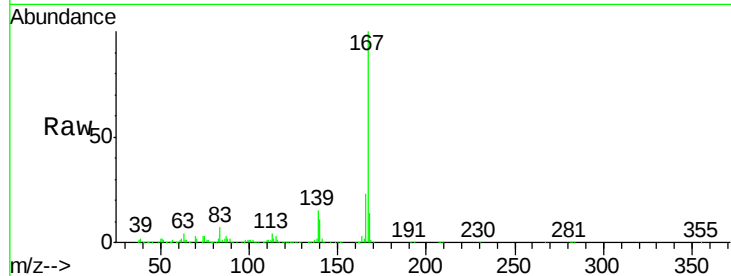




#73
 Carbazole
 Concen: 47.431 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

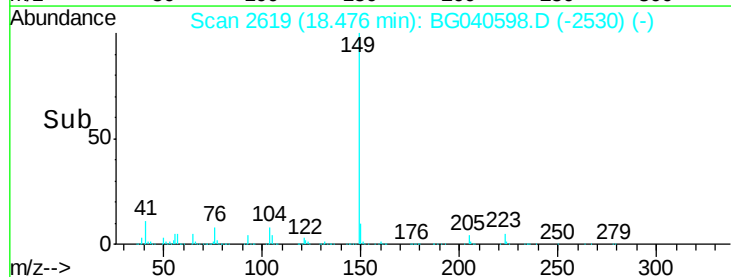
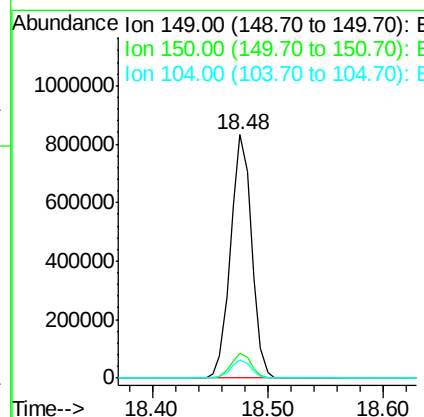
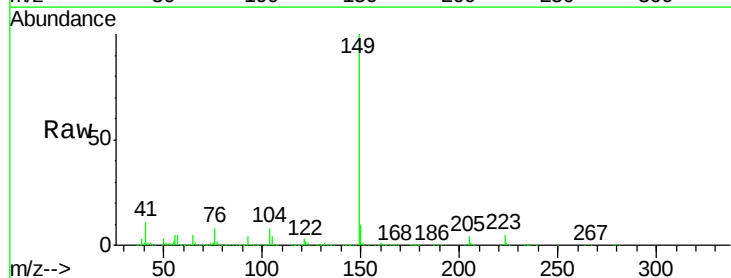
Instrument :
 BNA_G
 ClientSampleId :

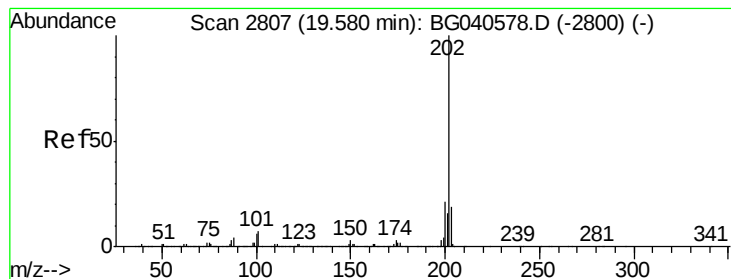
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.5	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 47.850 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040598.D
 Acq: 24 Apr 2019 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	7.6	5.4	8.2





#75

Fluoranthene

Concen: 48.379 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

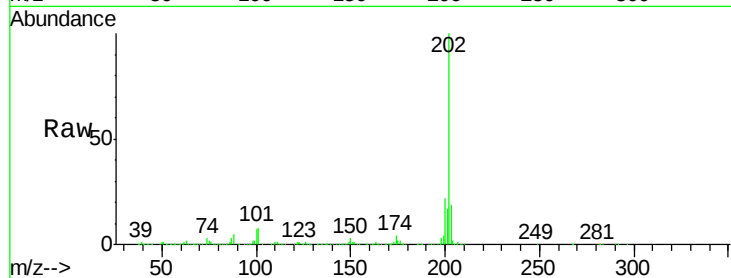
Tot Ion:202 Resp: 1195739

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.5

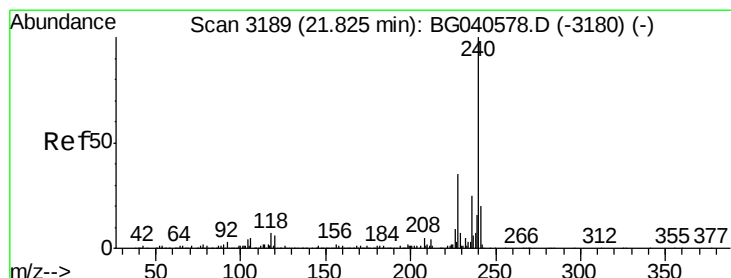
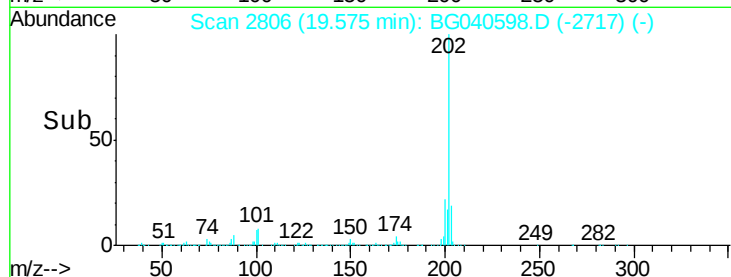
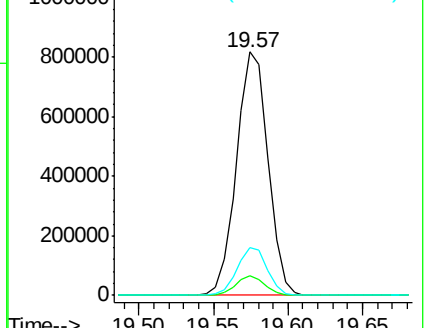
203 19.5 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

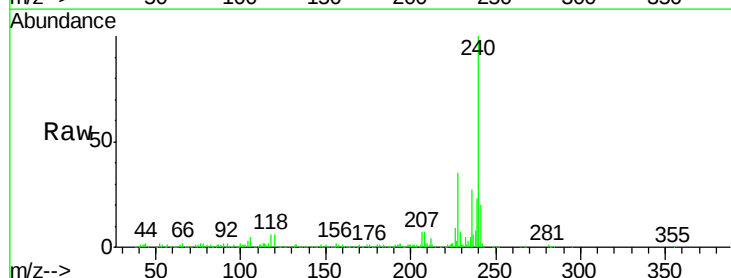
Tgt Ion:240 Resp: 365994

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

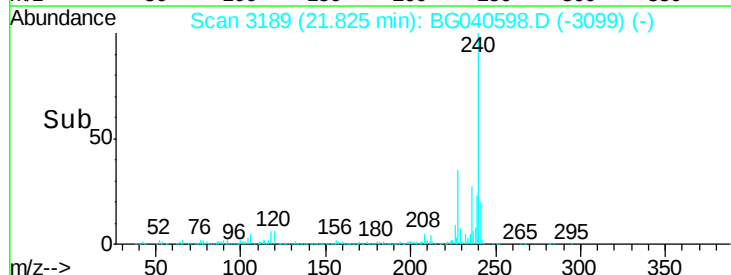
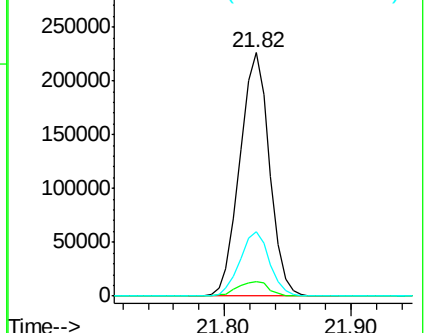
236 26.6 20.3 30.5

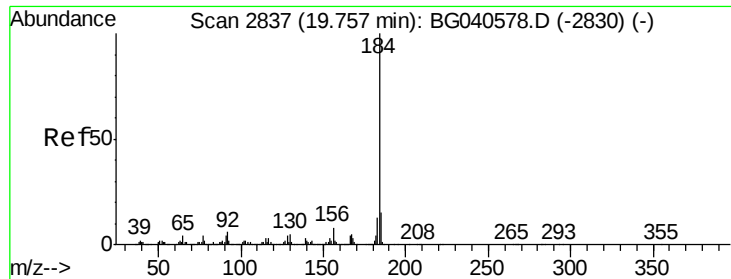


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.129 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

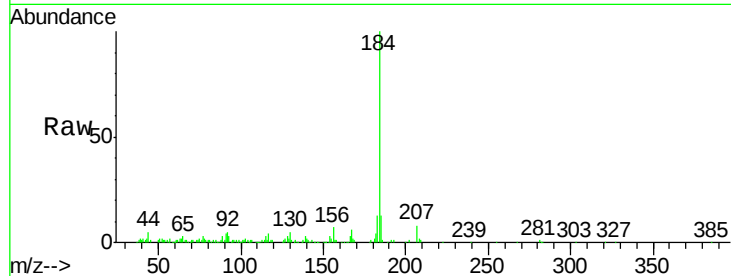
Tot Ion:184 Resp: 111527

Ion Ratio Lower Upper

184 100

185 13.0 11.8 17.8

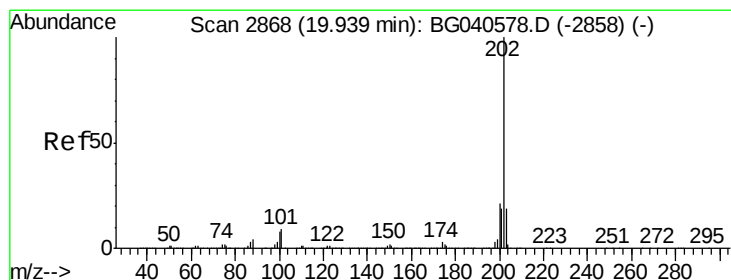
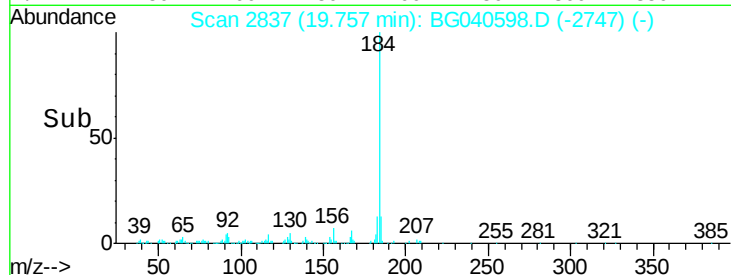
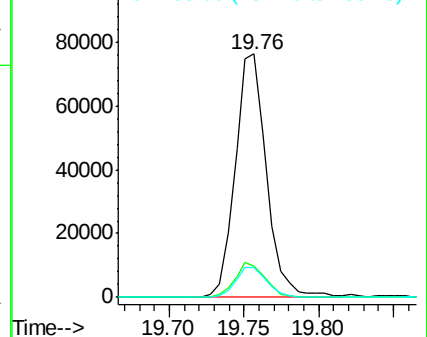
183 12.5 10.2 15.2



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: 52.369 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

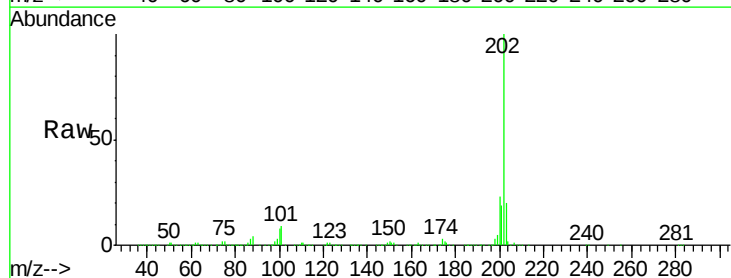
Tgt Ion:202 Resp: 1201278

Ion Ratio Lower Upper

202 100

200 23.3 17.2 25.8

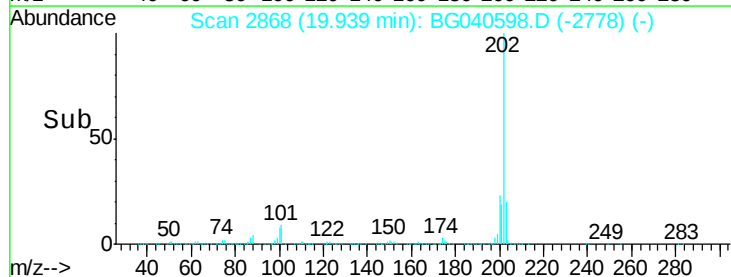
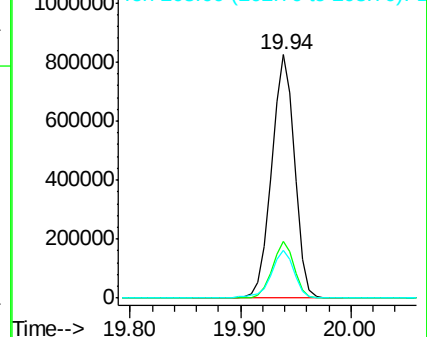
203 19.8 15.0 22.4

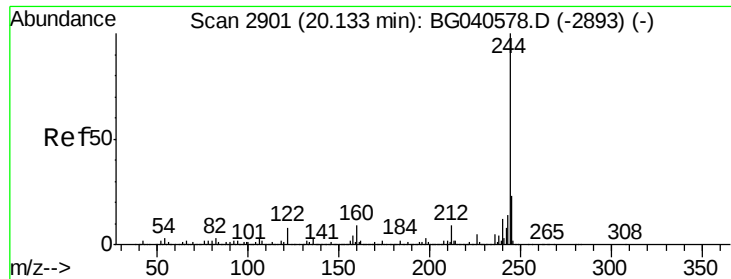


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.376 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

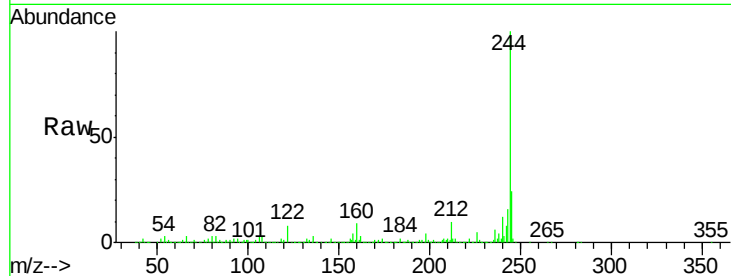
Tot Ion:244 Resp: 1707800

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

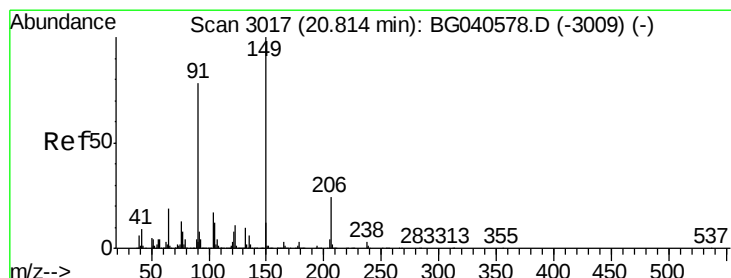
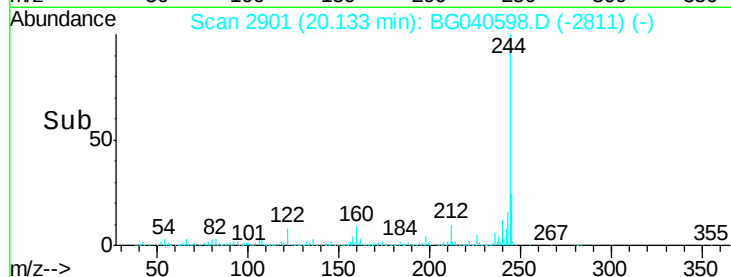
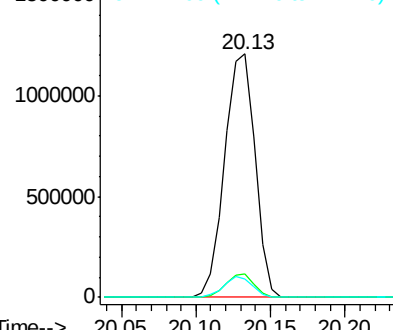
122 7.7 6.6 10.0



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: 54.228 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

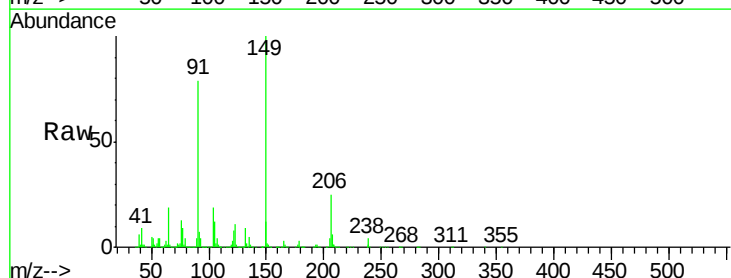
Tgt Ion:149 Resp: 484822

Ion Ratio Lower Upper

149 100

91 79.3 62.6 93.8

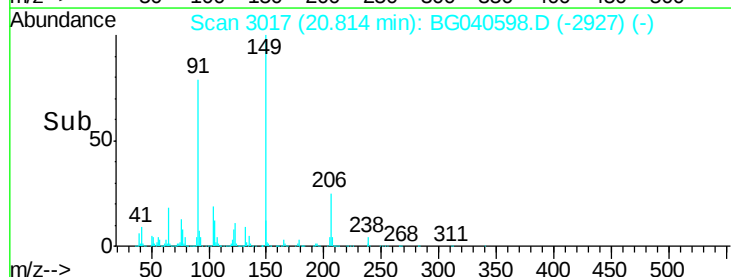
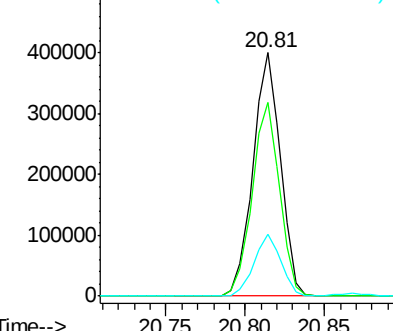
206 25.2 19.4 29.2

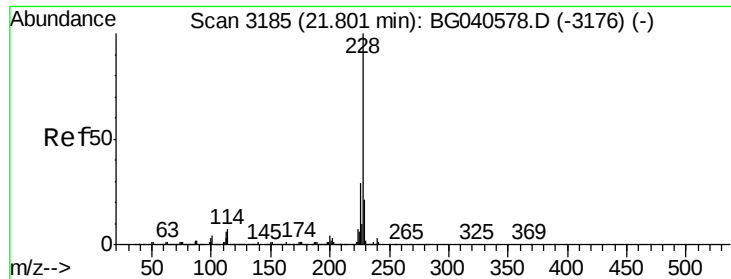


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.144 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

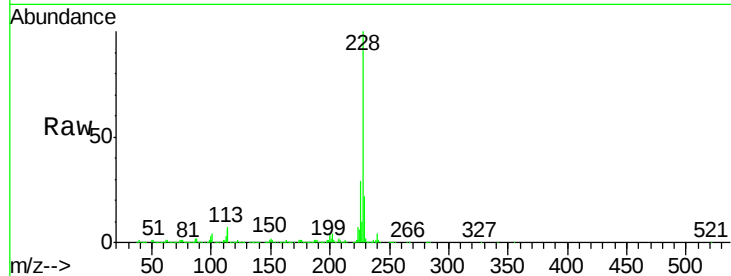
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1159889

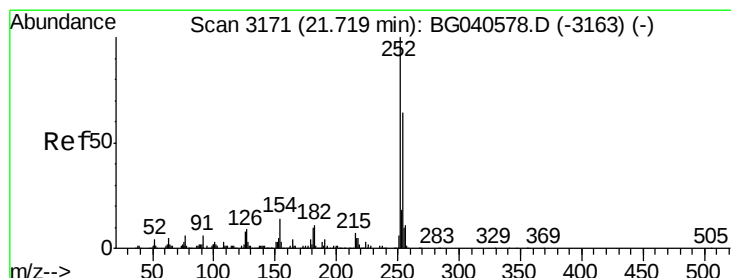
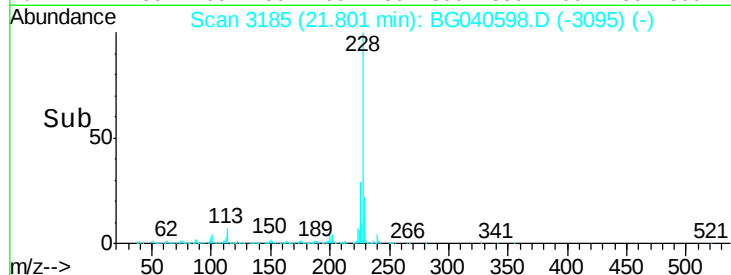
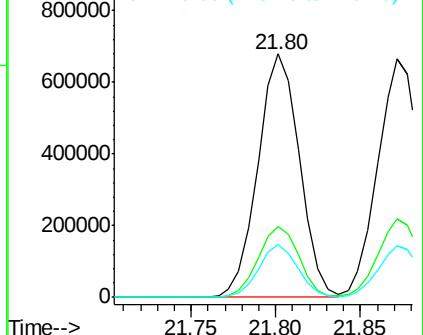
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	21.6	17.0	25.4



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: 16.682 ng

RT: 21.71 min Scan# 3170

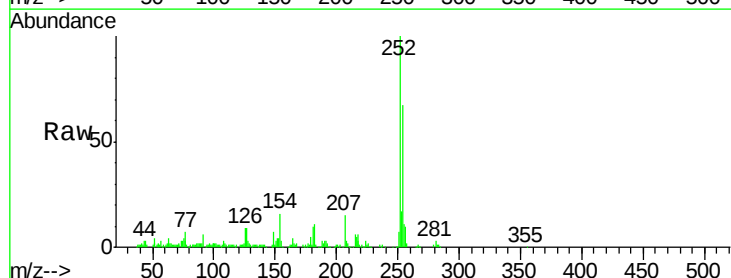
Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Tgt Ion:252 Resp: 137538

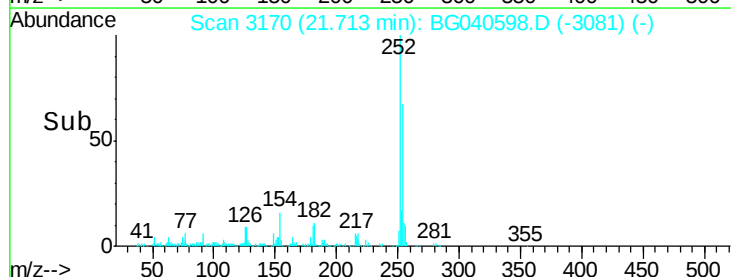
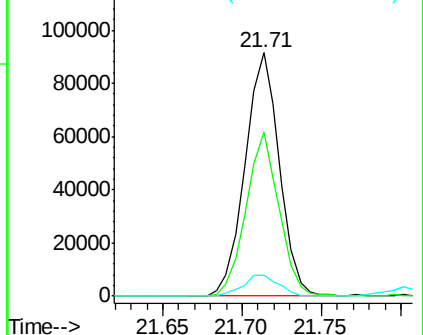
Ion	Ratio	Lower	Upper
252	100		
254	67.4	51.2	76.8
126	8.8	6.6	10.0

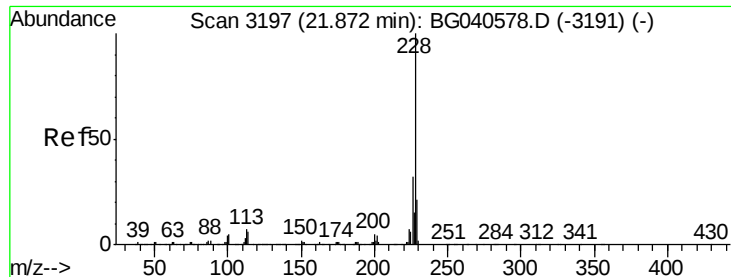


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 51.425 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

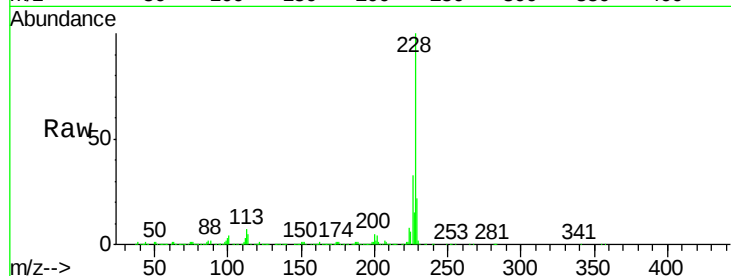
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1131259

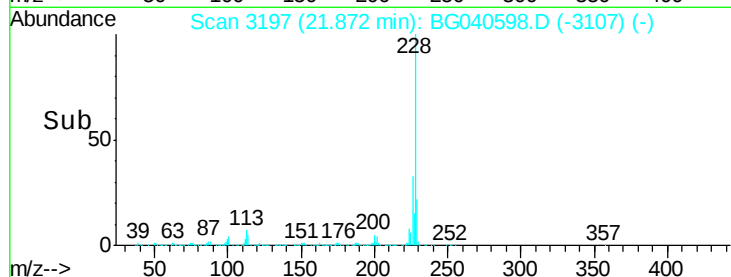
Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	21.7	16.8	25.2



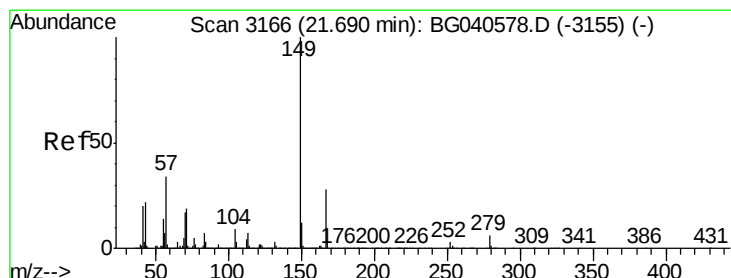
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.309 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

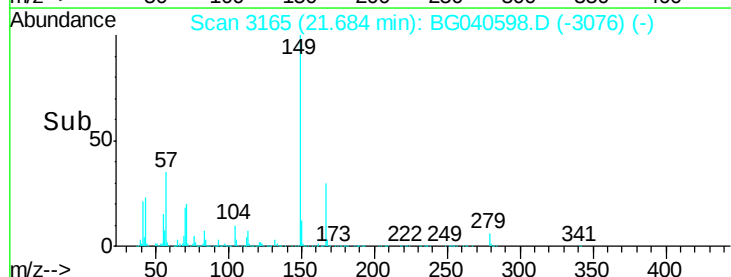
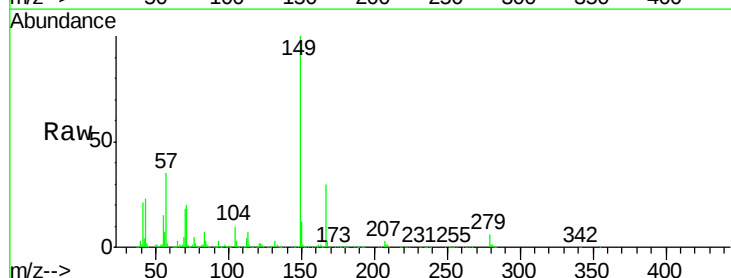
Tgt Ion:149 Resp: 675082

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.4	33.6
279	5.6	4.6	6.8

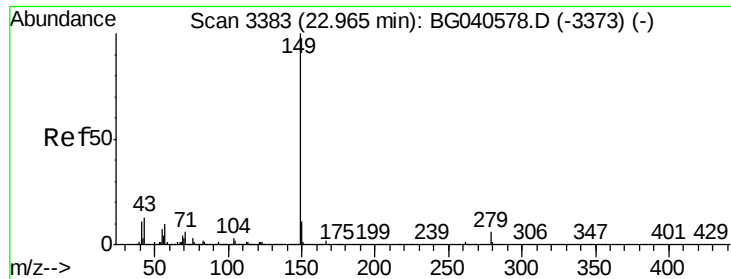
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



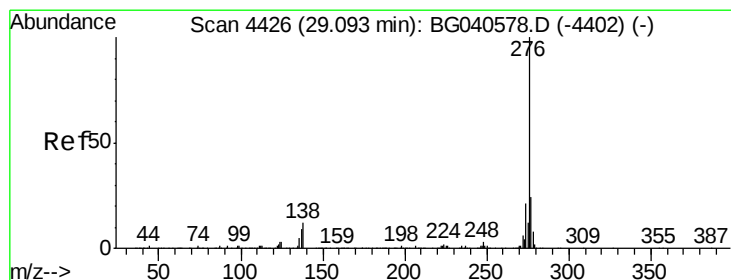
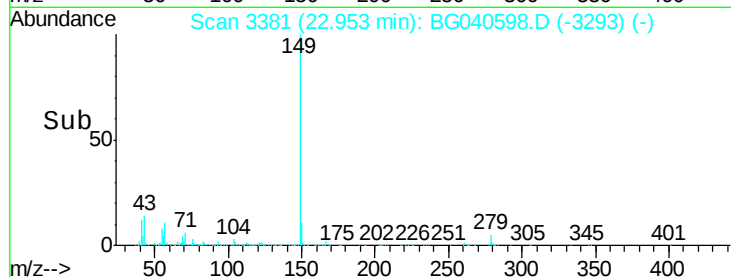
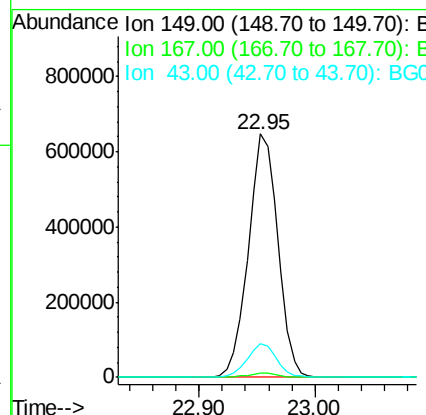
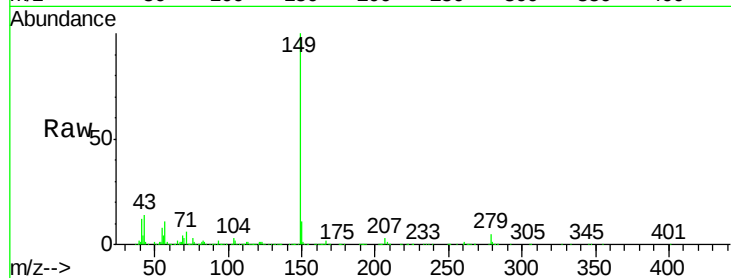
Time-->



#85
Di-n-octyl phthalate
Concen: 52.770 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

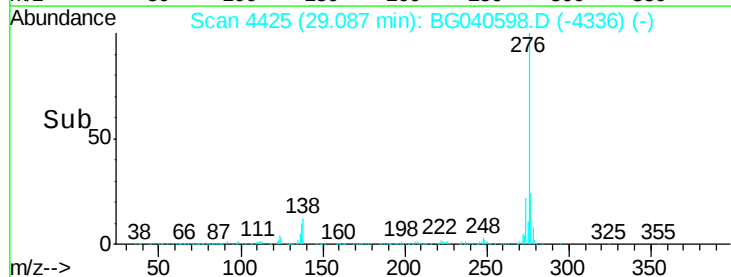
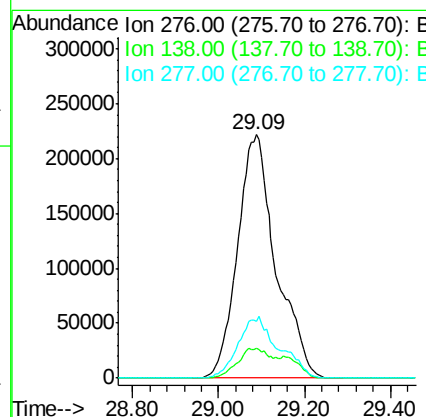
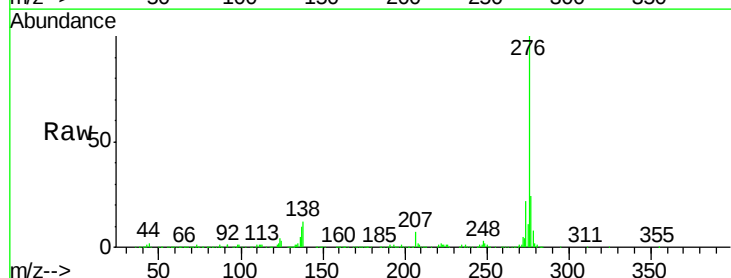
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1146945
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 13.6 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.940 ng
RT: 29.09 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:276 Resp: 1381447
Ion Ratio Lower Upper
276 100
138 11.1 9.8 14.6
277 26.6 17.3 25.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

Instrument :

BNA_G

ClientSampleId :

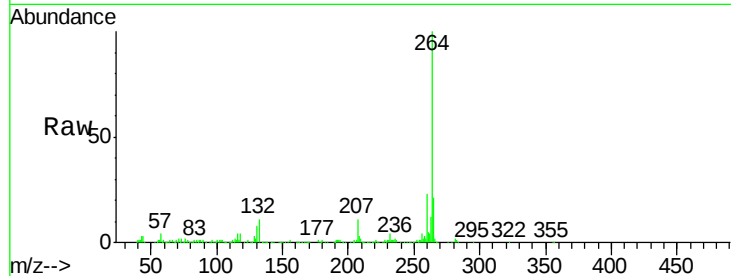
Tot Ion:264 Resp: 396971

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

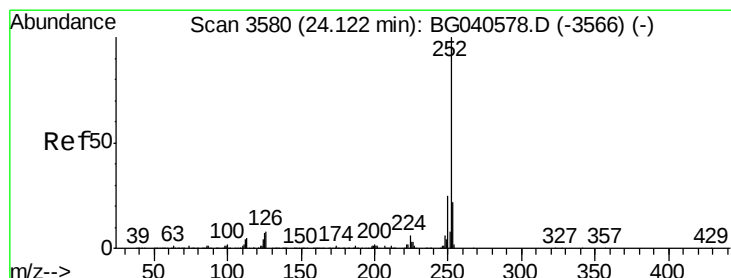
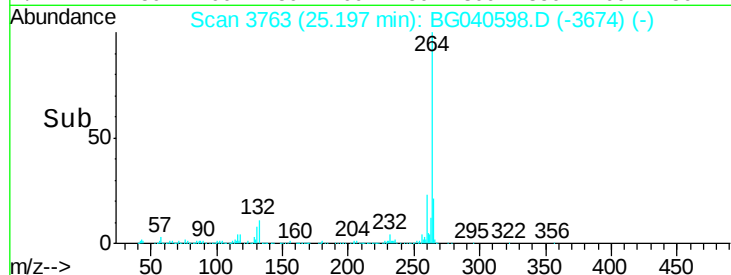
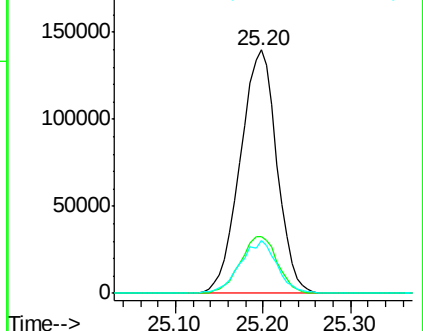
265 21.5 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.520 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040598.D

Acq: 24 Apr 2019 17:55

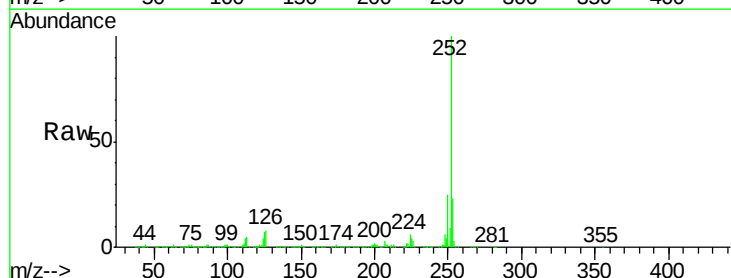
Tgt Ion:252 Resp: 1177016

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

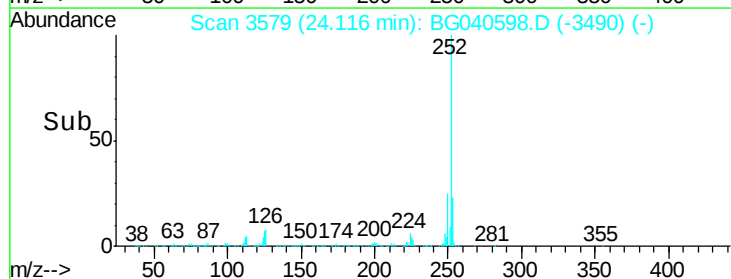
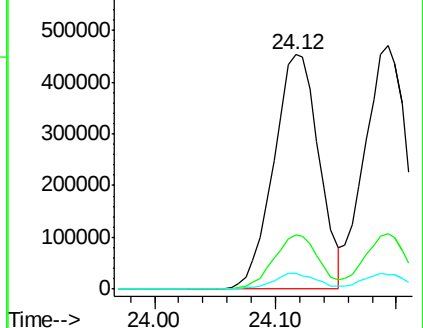
125 6.6 5.4 8.0

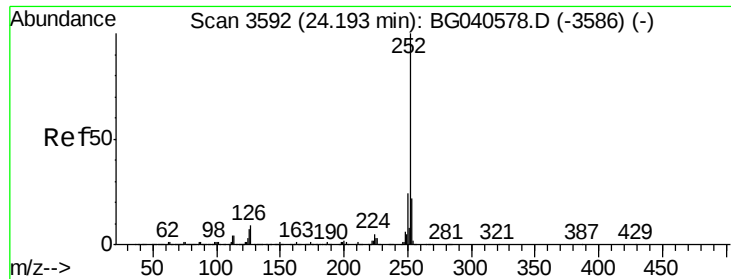


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

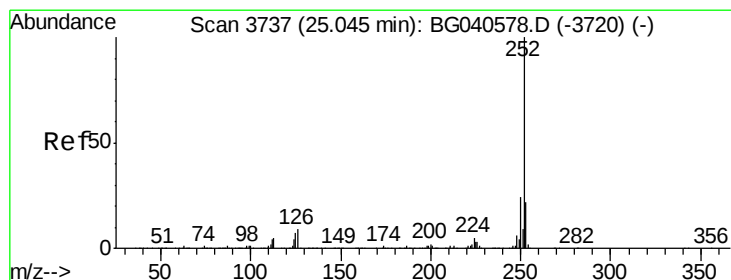
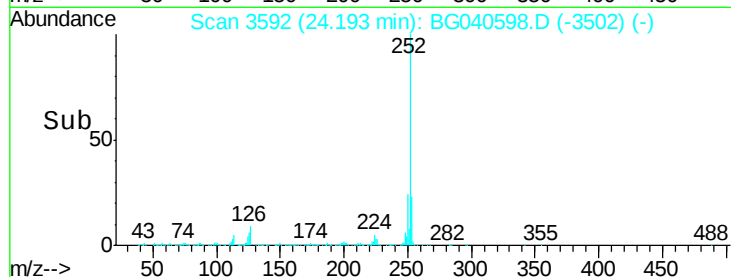
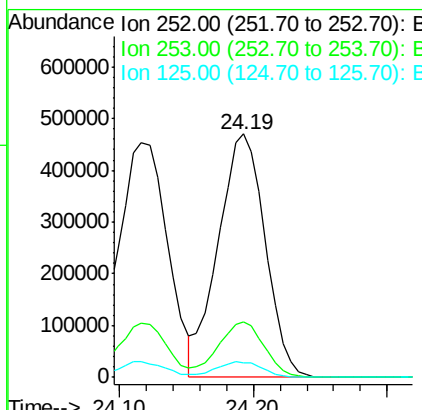
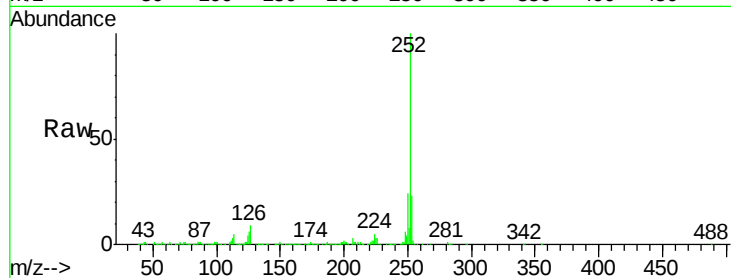




#89
Benzo(k)fluoranthene
Concen: 50.667 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

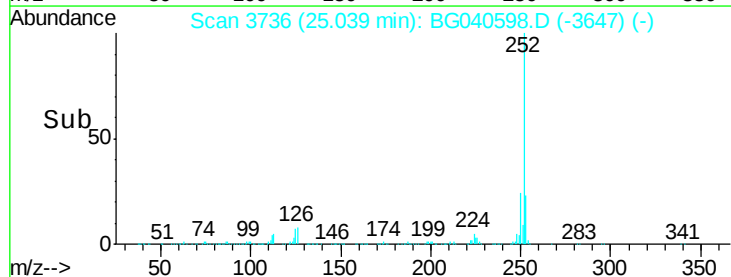
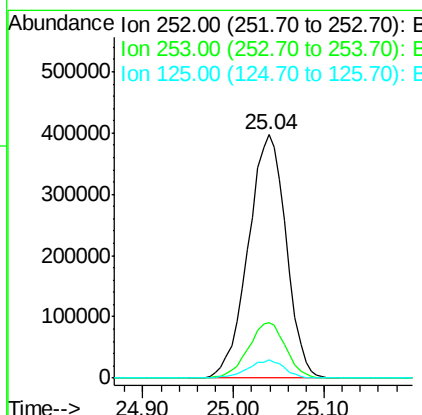
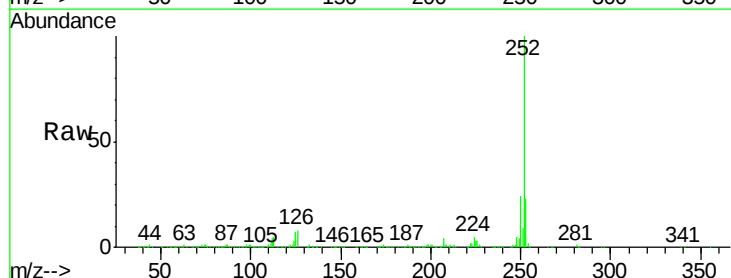
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1147850
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 6.0 5.5 8.3



#90
Benzo(a)pyrene
Concen: 50.395 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:252 Resp: 1157189
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 7.3 5.7 8.5

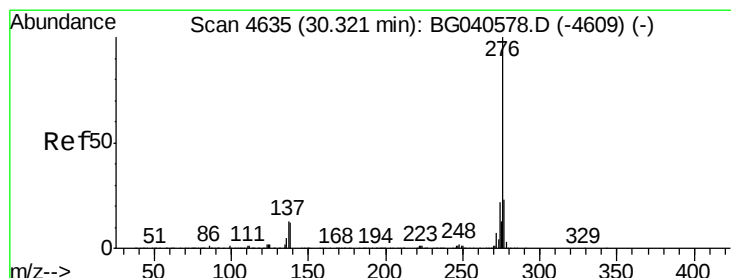
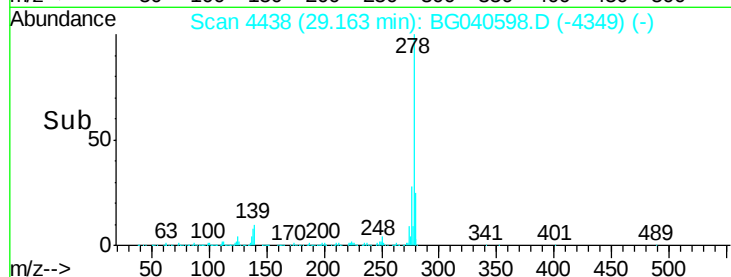
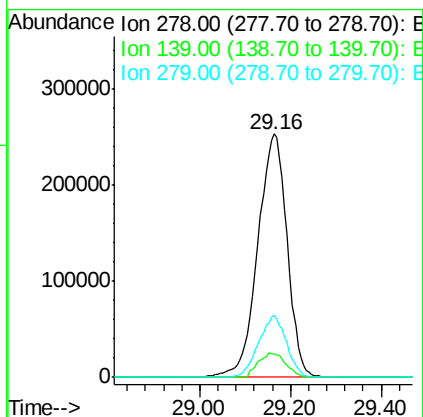
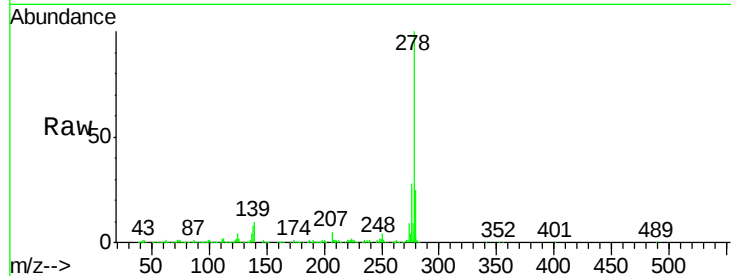




#91
Dibenzo(a,h)anthracene
Concen: 48.932 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1137045
Ion Ratio Lower Upper
278 100
139 9.8 8.2 12.4
279 25.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 49.605 ng
RT: 30.31 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG040598.D
Acq: 24 Apr 2019 17:55

Tgt Ion:276 Resp: 1147191
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 13.8 9.8 14.6

