

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042683.D
 Acq On : 3 Sep 2019 11:25
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:03:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40597	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	170900	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	132669	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	305962	20.00	ng	0.00
76) Chrysene-d12	21.69	240	322325	20.00	ng	0.00
87) Perylene-d12	24.93	264	395275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	155260	77.46	ng	-0.01
7) Phenol-d6	7.17	99	210207	77.64	ng	0.00
23) Nitrobenzene-d5	9.17	82	194356	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	154733	82.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	655997	83.63	ng	0.00
79) Terphenyl-d14	20.02	244	1204480	80.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	29271	34.992	ng	98
3) Pyridine	3.82	79	77385	36.077	ng	98
4) n-Nitrosodimethylamine	3.74	42	30246	39.479	ng	96
6) Aniline	7.32	93	133542	36.978	ng	99
8) 2-Chlorophenol	7.56	128	97997	40.339	ng	98
9) Benzaldehyde	7.13	77	51640	38.095	ng	97
10) Phenol	7.19	94	107629	39.096	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	79902	36.956	ng	95
12) 1,3-Dichlorobenzene	7.89	146	124390	40.251	ng	97
13) 1,4-Dichlorobenzene	8.03	146	126173	40.306	ng	96
14) 1,2-Dichlorobenzene	8.36	146	122332	40.808	ng	98
15) Benzyl Alcohol	8.24	79	78027	40.055	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	105035	35.843	ng	98
17) 2-Methylphenol	8.45	107	78644	38.785	ng	96
18) Hexachloroethane	9.09	117	42230	39.407	ng	86
19) n-Nitroso-di-n-propylamine	8.81	70	64237	36.620	ng	96
20) 3+4-Methylphenols	8.78	107	108176	38.554	ng	98
22) Acetophenone	8.82	105	142486	38.981	ng	98
24) Nitrobenzene	9.21	77	96526	38.543	ng	99
25) Isophorone	9.74	82	182268	37.345	ng	98
26) 2-Nitrophenol	9.93	139	61979	39.492	ng	97
27) 2,4-Dimethylphenol	9.99	122	85348	39.479	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	115129	37.426	ng	97
29) 2,4-Dichlorophenol	10.47	162	117974	41.710	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	147557	42.502	ng	97
31) Naphthalene	10.87	128	319100	40.217	ng	98
32) Benzoic acid	10.16	122	48573	33.859	ng	98
33) 4-Chloroaniline	10.98	127	144785	39.529	ng	99
34) Hexachlorobutadiene	11.16	225	104281	44.694	ng	98
35) Caprolactam	11.77	113	36358	38.523	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	109229	40.681	ng	100
37) 2-Methylnaphthalene	12.48	142	260245	40.848	ng	97
38) 1-Methylnaphthalene	12.70	142	248213	41.016	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	181438	42.586	ng	100

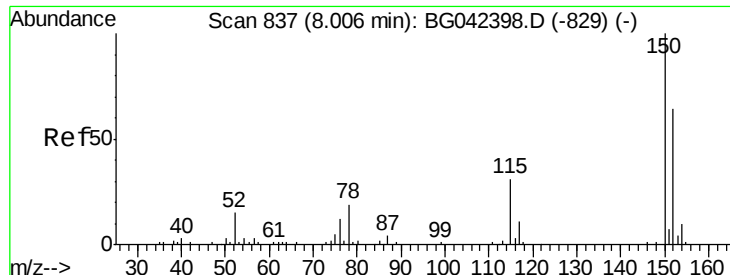
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042683.D
 Acq On : 3 Sep 2019 11:25
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:03:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	76106	34.007	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	117141	40.677	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	119688	40.106	ng	98
46) 1,1'-Biphenyl	13.49	154	342619	39.952	ng	98
47) 2-Chloronaphthalene	13.53	162	301977	40.837	ng	99
48) 2-Nitroaniline	13.73	65	68848	38.610	ng	97
49) Acenaphthylene	14.38	152	445179	40.016	ng	100
50) Dimethylphthalate	14.11	163	380933	39.794	ng	99
51) 2,6-Dinitrotoluene	14.23	165	86917	39.172	ng	98
52) Acenaphthene	14.72	154	269301	39.865	ng	99
53) 3-Nitroaniline	14.56	138	82950	37.381	ng	99
54) 2,4-Dinitrophenol	14.78	184	44488	33.677	ng	97
55) Dibenzofuran	15.06	168	454094	40.610	ng	99
56) 4-Nitrophenol	14.89	139	55370	35.115	ng	95
57) 2,4-Dinitrotoluene	15.03	165	125950	39.640	ng	98
58) Fluorene	15.71	166	373318	40.842	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	119033	40.333	ng	93
60) Diethylphthalate	15.47	149	368680	39.399	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	227204	41.234	ng	100
62) 4-Nitroaniline	15.73	138	92416	38.913	ng	93
63) Azobenzene	15.99	77	239301	37.320	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	63095	32.892	ng	99
66) n-Nitrosodiphenylamine	15.91	169	337868	40.155	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	158267	40.781	ng	98
68) Hexachlorobenzene	16.72	284	174845	41.444	ng	98
69) Atrazine	16.87	200	129629	43.565	ng	95
70) Pentachlorophenol	17.07	266	76166	34.746	ng	98
71) Phenanthrene	17.45	178	623817	41.047	ng	99
72) Anthracene	17.55	178	627584	41.365	ng	99
73) Carbazole	17.82	167	541081	40.016	ng	98
74) Di-n-butylphthalate	18.37	149	637727	39.898	ng	100
75) Fluoranthene	19.47	202	786814	42.421	ng	96
77) Benzidine	19.64	184	487856	52.791	ng	98
78) Pyrene	19.83	202	787161	39.833	ng	99
80) Butylbenzylphthalate	20.71	149	300154	38.617	ng	96
81) Benzo(a)anthracene	21.67	228	817091	41.672	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	322589	40.907	ng	99
83) Chrysene	21.74	228	779975	41.247	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	423937	39.283	ng	98
85) Di-n-octyl phthalate	22.78	149	735356	39.618	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1024682	39.874	ng	# 90
88) Benzo(b)fluoranthene	23.97	252	838956	38.607	ng	99
89) Benzo(k)fluoranthene	23.97	252	838956	40.165	ng	99
90) Benzo(a)pyrene	24.78	252	835518	40.519	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	848834	40.656	ng	98
92) Benzo(g,h,i)perylene	29.82	276	818063	39.176	ng	97

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

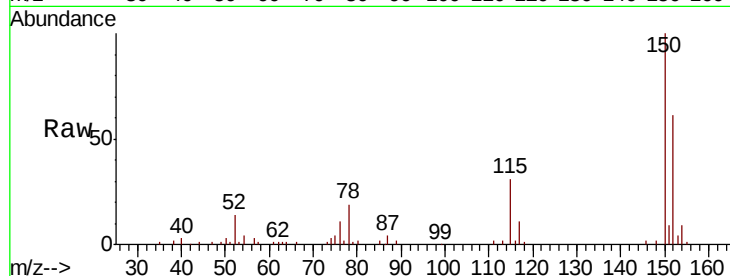


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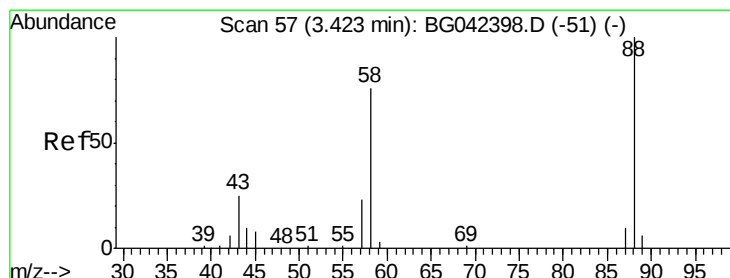
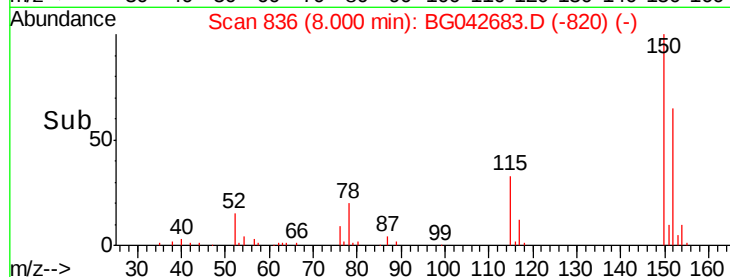
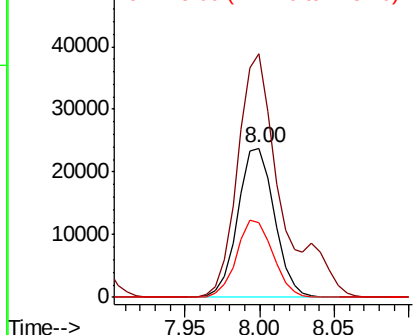
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40597
Ion Ratio Lower Upper
152 100
150 162.9 125.4 188.0
115 50.3 38.5 57.7



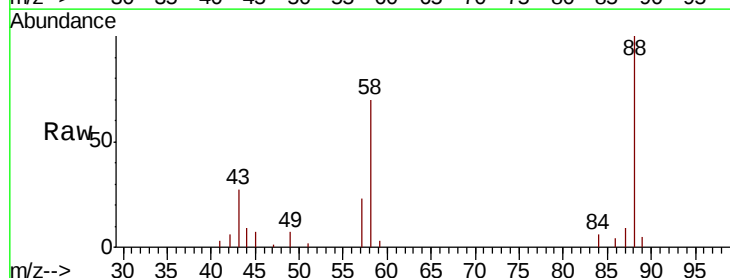
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



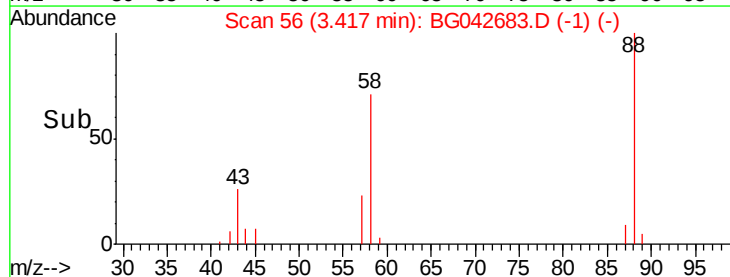
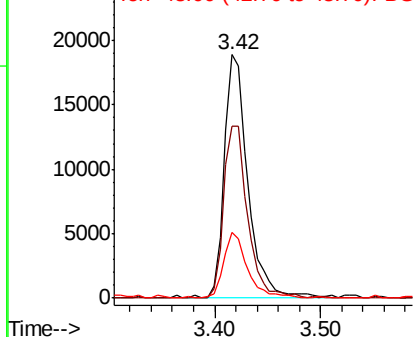
#2

1,4-Dioxane
Concen: 34.992 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion: 88 Resp: 29271
Ion Ratio Lower Upper
88 100
58 71.5 58.3 87.5
43 27.2 20.2 30.2



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: 36.077 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

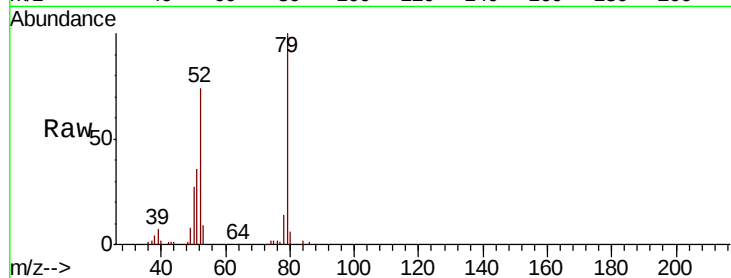
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 77385

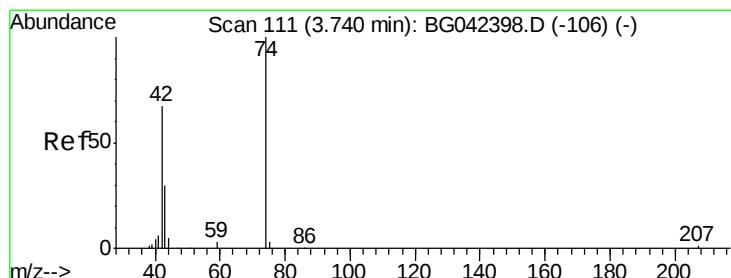
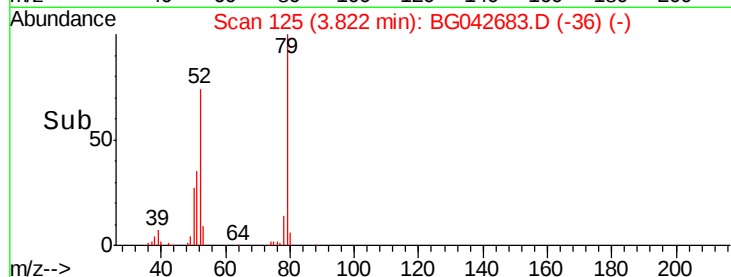
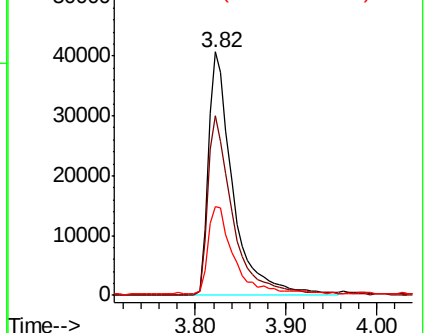
Ion	Ratio	Lower	Upper
79	100		
52	73.7	57.7	86.5
51	36.5	28.8	43.2



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: 39.479 ng

RT: 3.74 min Scan# 111

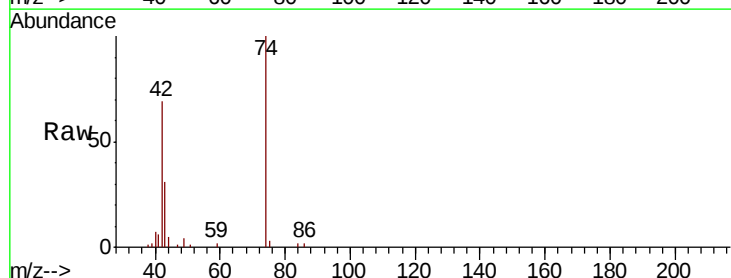
Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Tgt Ion: 42 Resp: 30246

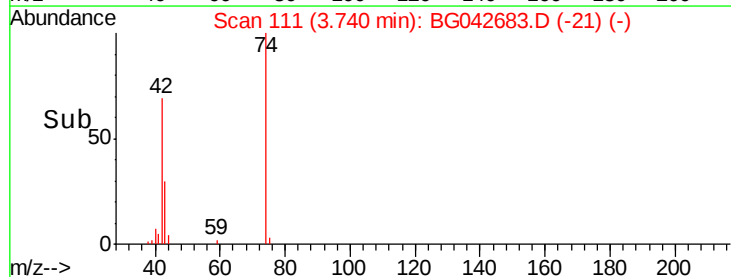
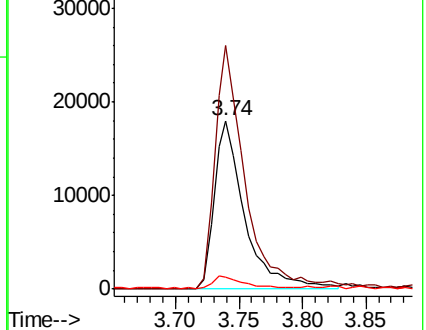
Ion	Ratio	Lower	Upper
42	100		
74	144.7	119.6	179.4
44	7.3	6.5	9.7



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: 77.456 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampled :

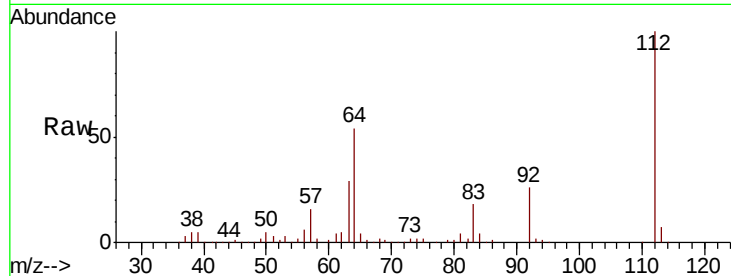
Tot Ion:112 Resp: 155260

Ion Ratio Lower Upper

112 100

64 53.5 42.8 64.2

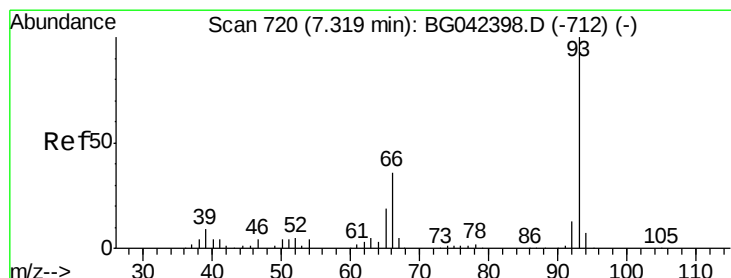
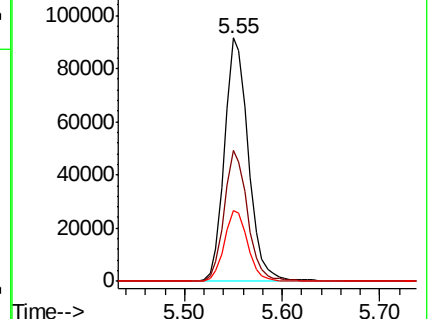
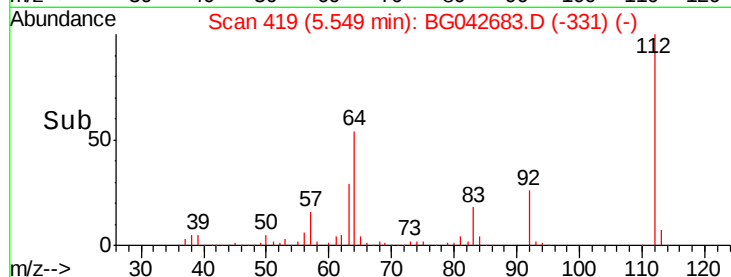
63 29.3 22.7 34.1



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: 36.978 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

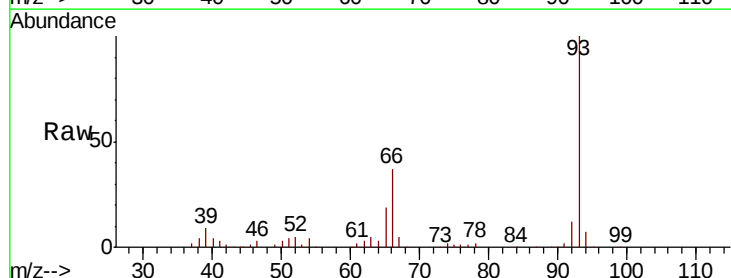
Tgt Ion: 93 Resp: 133542

Ion Ratio Lower Upper

93 100

66 36.7 29.0 43.6

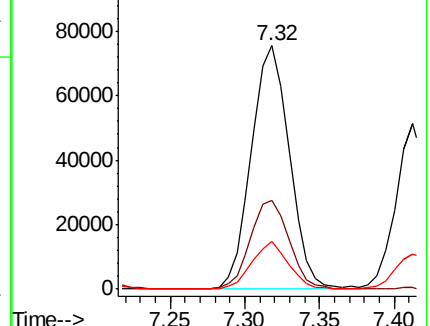
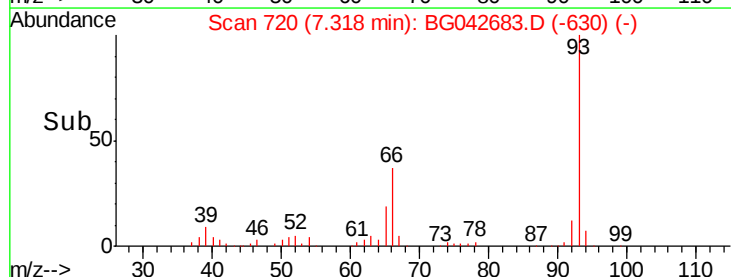
65 19.4 15.2 22.8

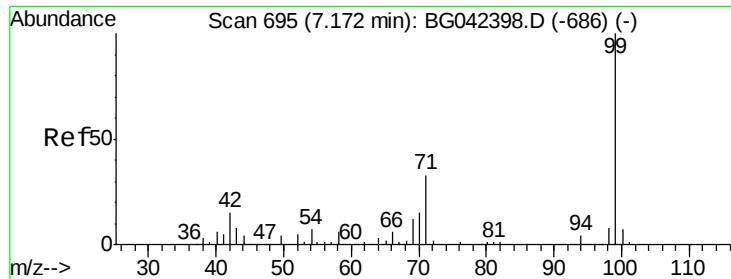


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.635 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

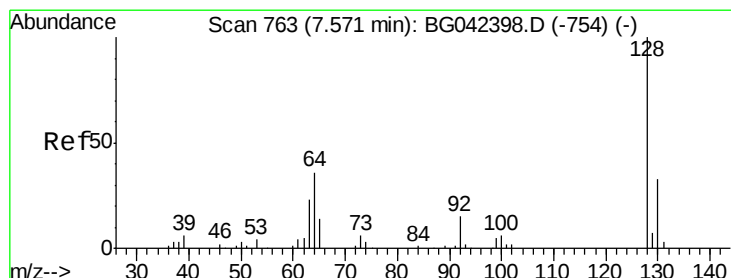
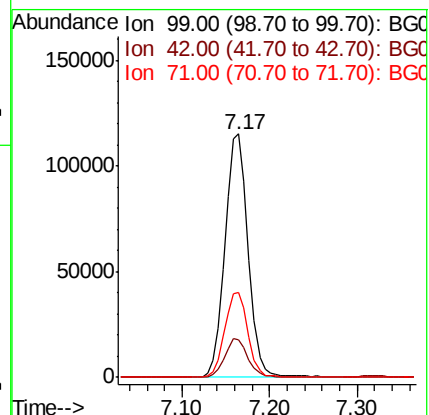
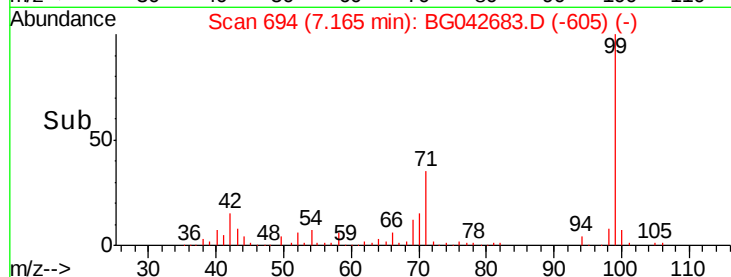
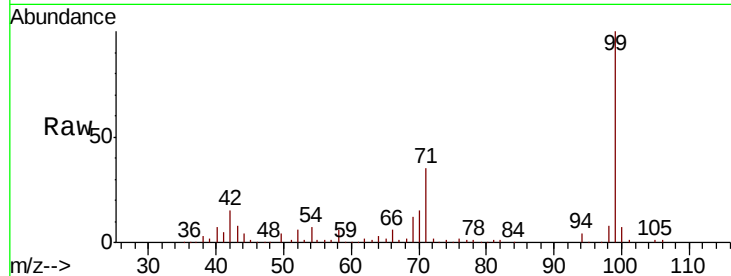
Tot Ion: 99 Resp: 210207

Ion Ratio Lower Upper

99 100

42 15.3 12.0 18.0

71 35.1 26.3 39.5



#8

2-Chlorophenol

Concen: 40.339 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

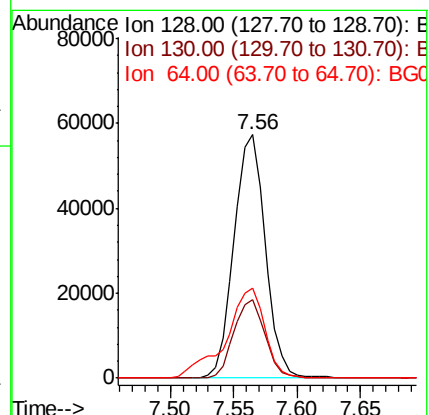
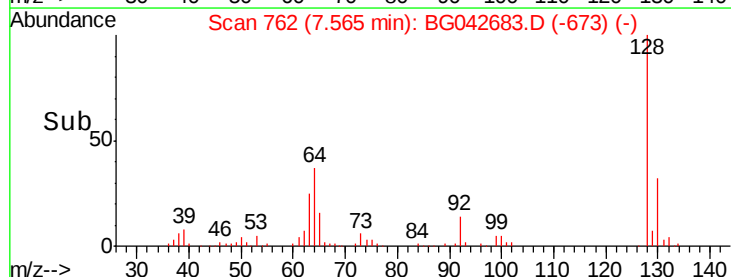
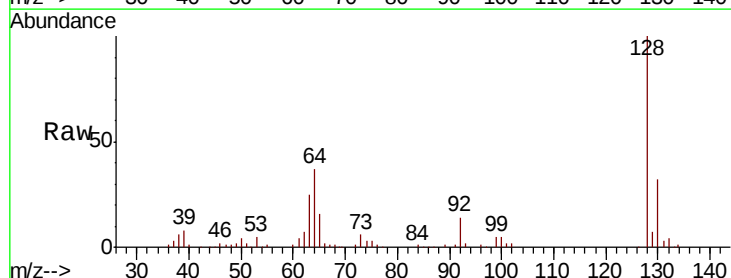
Tgt Ion: 128 Resp: 97997

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 37.2 19.2 59.2





#9

Benzaldehyde

Concen: 38.095 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

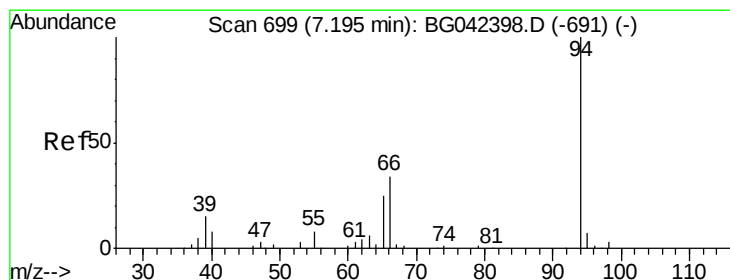
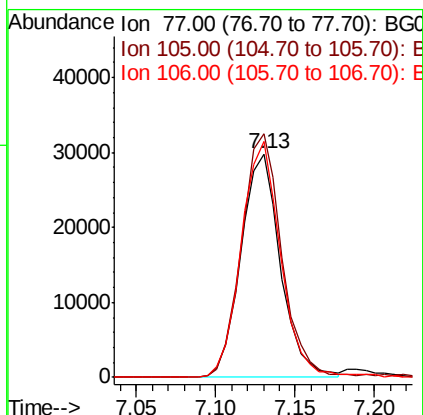
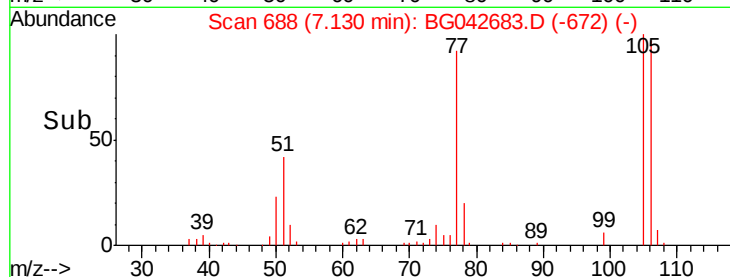
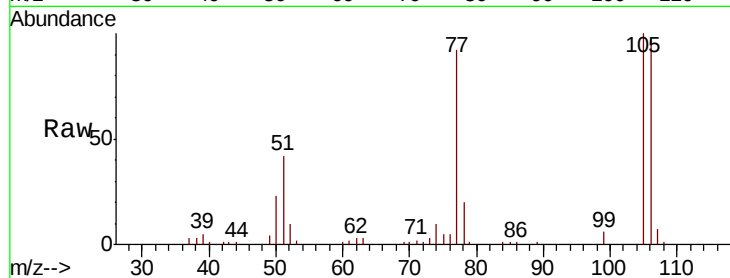
Tot Ion: 77 Resp: 51640

Ion Ratio Lower Upper

77 100

105 108.9 93.4 133.4

106 105.6 88.4 128.4



#10

Phenol

Concen: 39.096 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

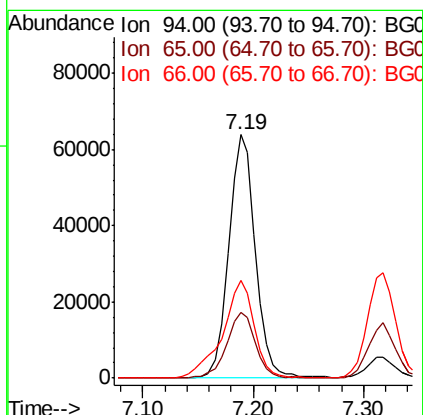
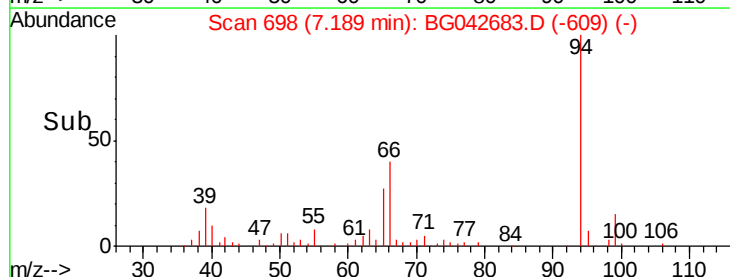
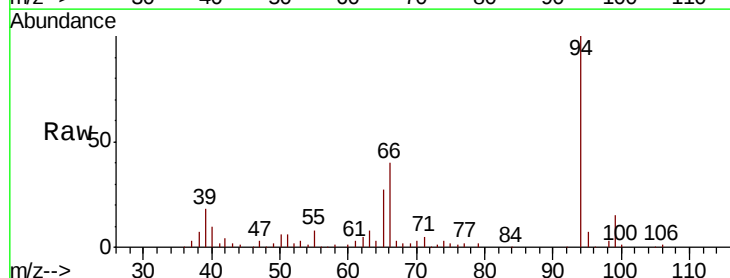
Tgt Ion: 94 Resp: 107629

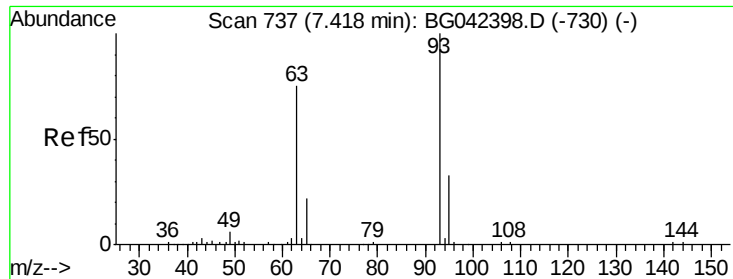
Ion Ratio Lower Upper

94 100

65 26.9 5.6 45.6

66 40.0 16.0 56.0

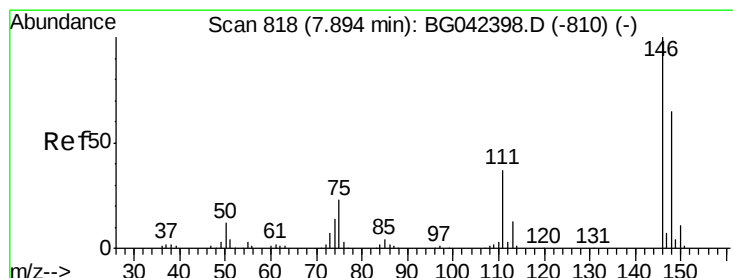
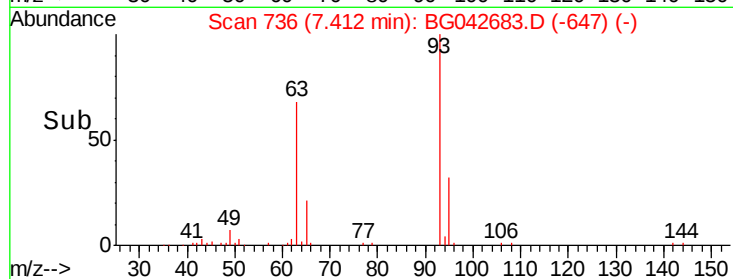
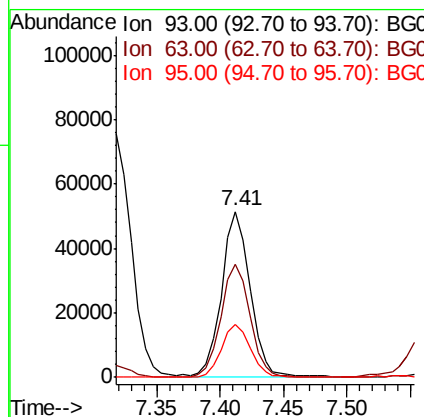
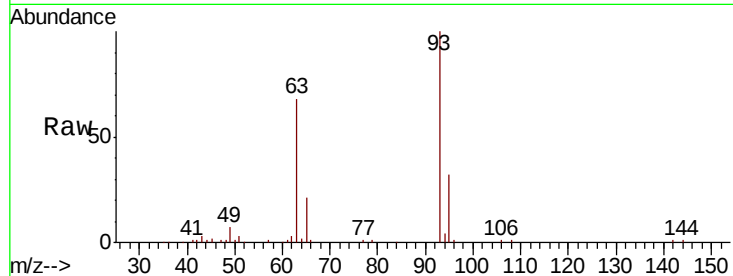




#11
 bis(2-Chloroethyl)ether
 Concen: 36.956 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

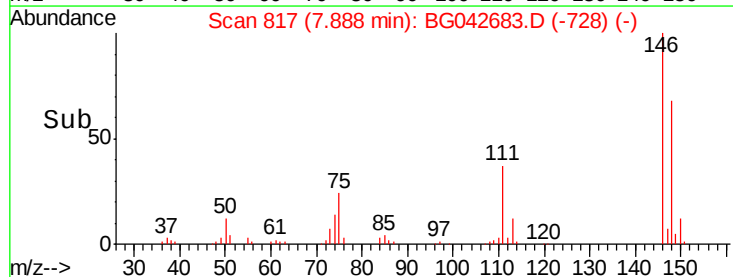
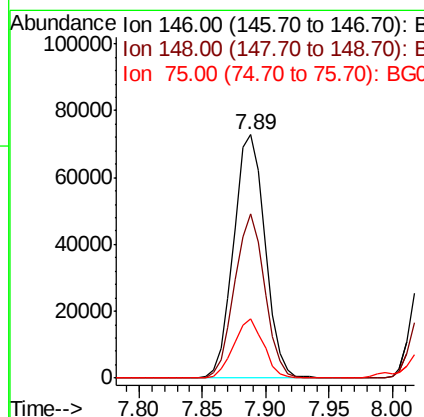
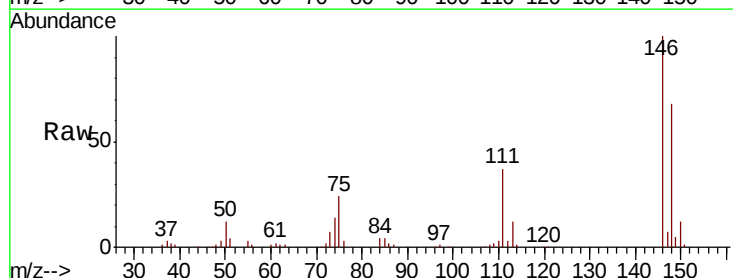
Instrument :
 BNA_G
 ClientSampled :

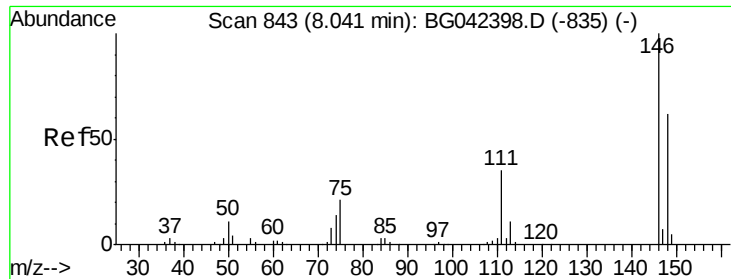
Tot Ion: 93 Resp: 79902
 Ion Ratio Lower Upper
 93 100
 63 68.5 53.8 93.8
 95 32.1 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 40.251 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion: 146 Resp: 124390
 Ion Ratio Lower Upper
 146 100
 148 67.5 52.2 78.2
 75 24.1 18.0 27.0

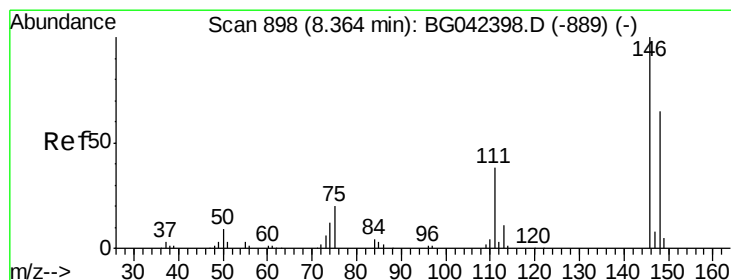
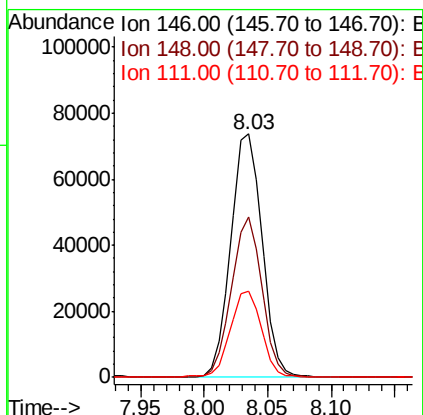
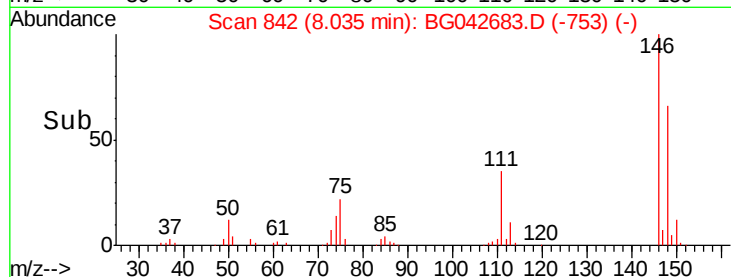
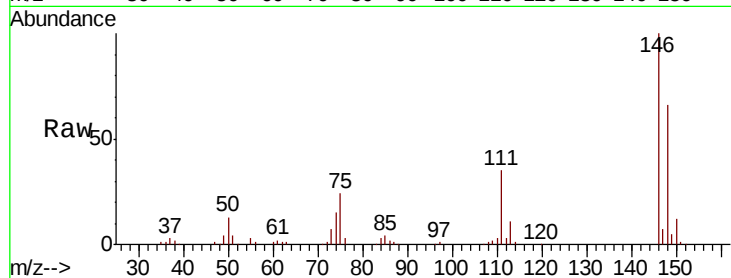




#13
 1,4-Dichlorobenzene
 Concen: 40.306 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

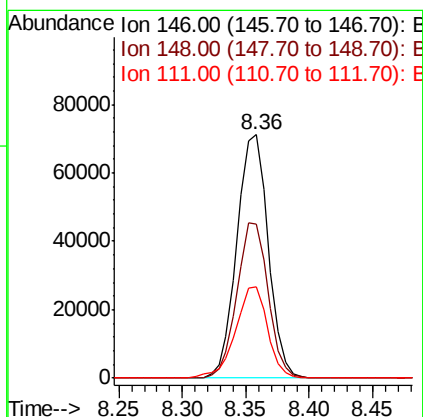
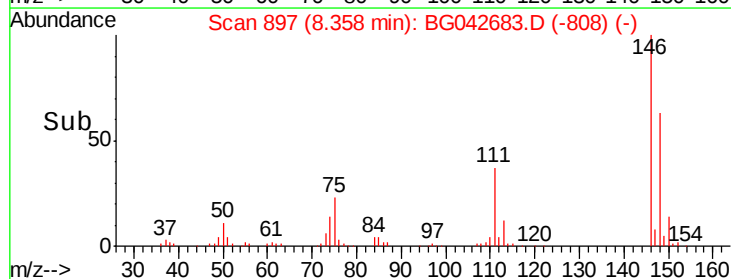
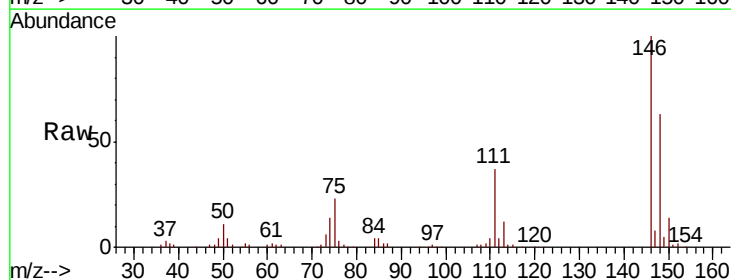
Instrument :
 BNA_G
 ClientSampled :

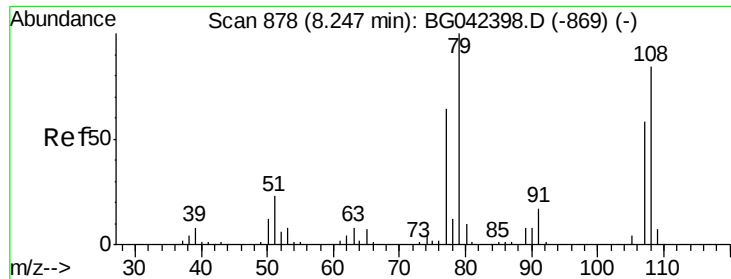
Tot Ion:146 Resp: 126173
 Ion Ratio Lower Upper
 146 100
 148 66.1 49.5 74.3
 111 35.3 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 40.808 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion:146 Resp: 122332
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 111 37.3 30.9 46.3





#15

Benzyl Alcohol

Concen: 40.055 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampled :

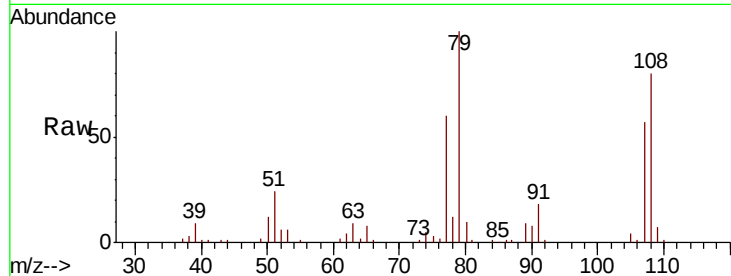
Tot Ion: 79 Resp: 78027

Ion Ratio Lower Upper

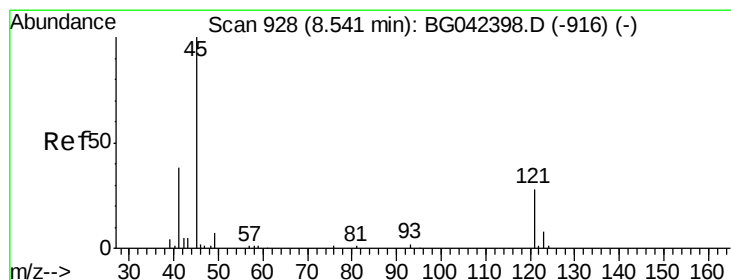
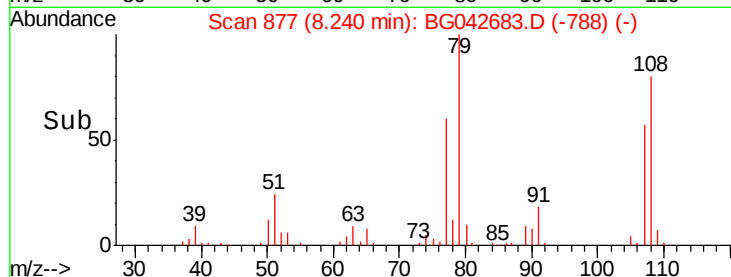
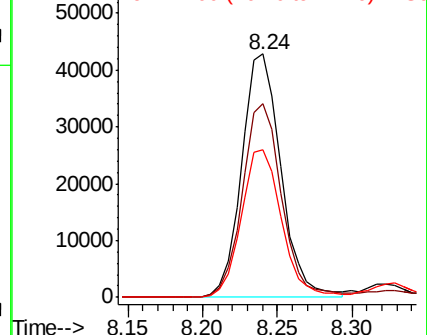
79 100

108 79.7 67.4 101.2

77 60.4 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.843 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

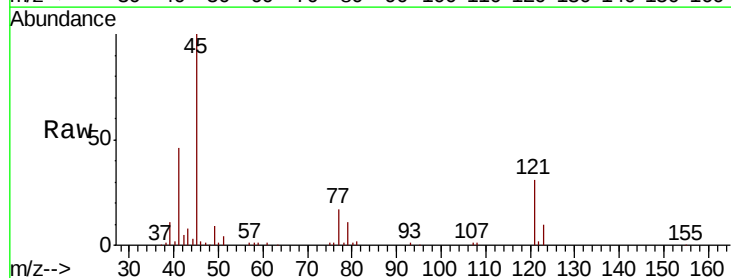
Tgt Ion: 45 Resp: 105035

Ion Ratio Lower Upper

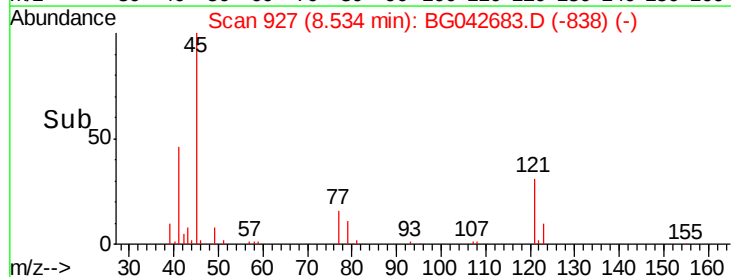
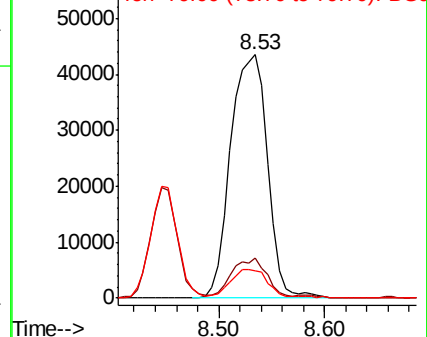
45 100

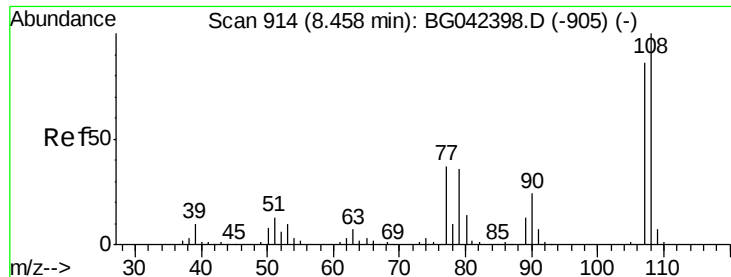
77 16.5 0.0 35.6

79 11.3 0.0 31.6



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

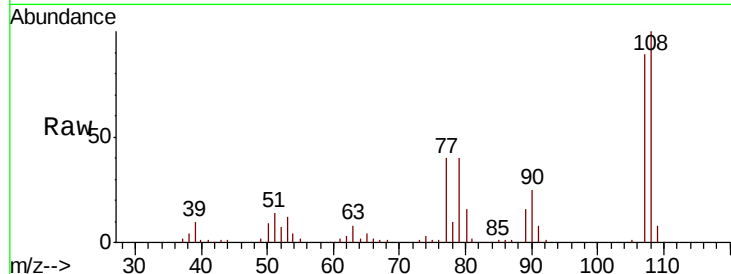




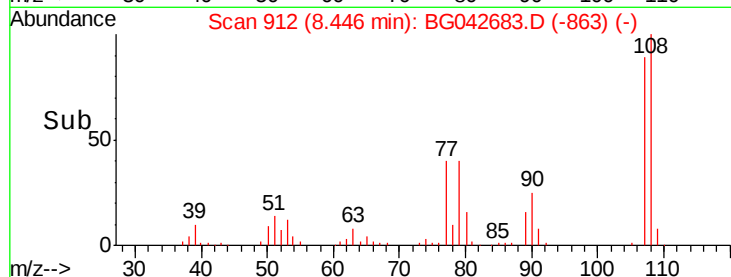
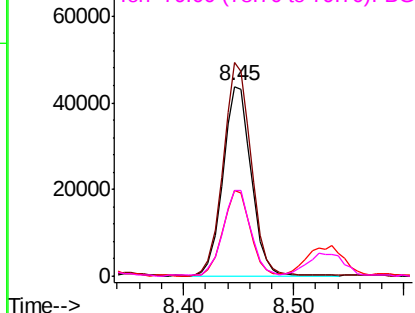
#17
2-Methylphenol
Concen: 38.785 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 78644
Ion Ratio Lower Upper
107 100
108 112.5 92.9 139.3
77 45.0 34.4 51.6
79 45.4 33.8 50.6

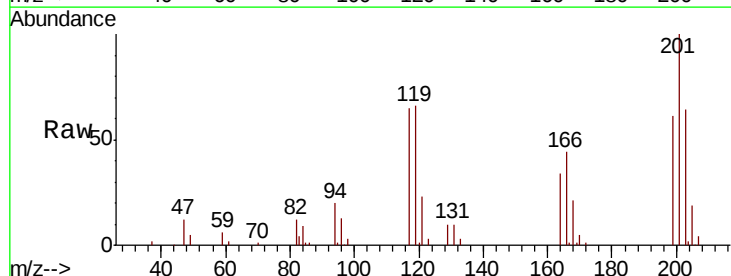


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

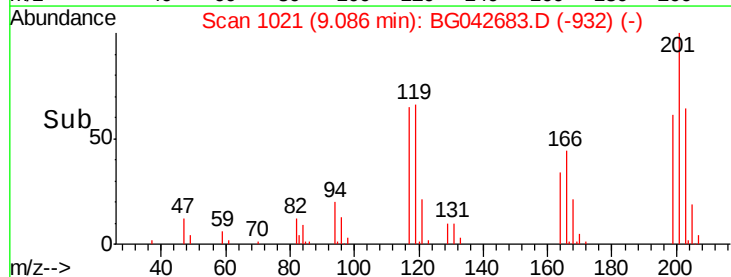
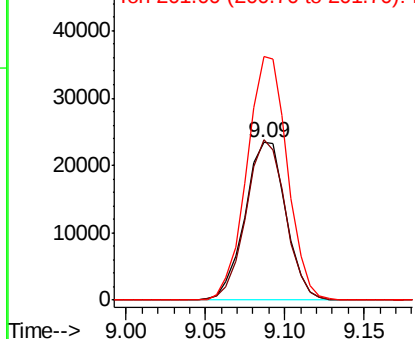


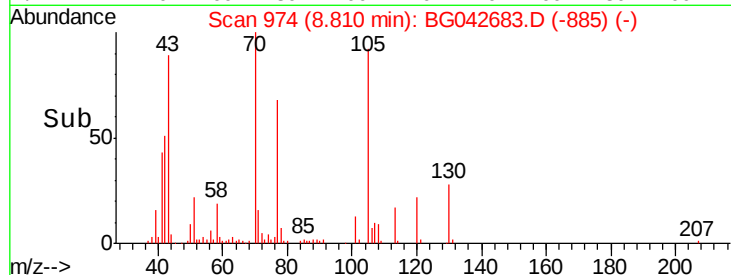
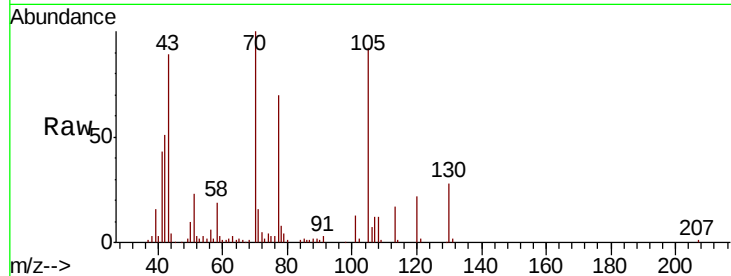
#18
Hexachloroethane
Concen: 39.407 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:117 Resp: 42230
Ion Ratio Lower Upper
117 100
119 102.0 73.8 110.8
201 154.4 108.3 162.5



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

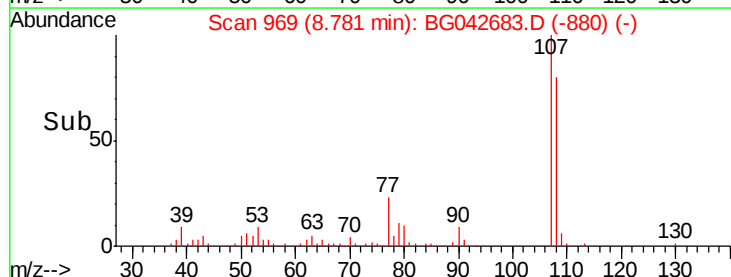
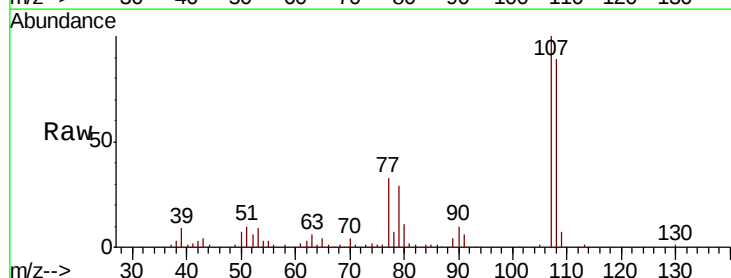
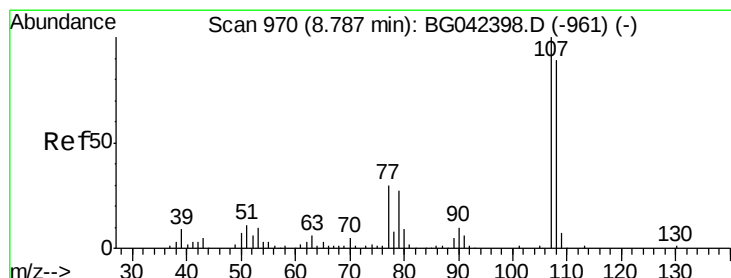
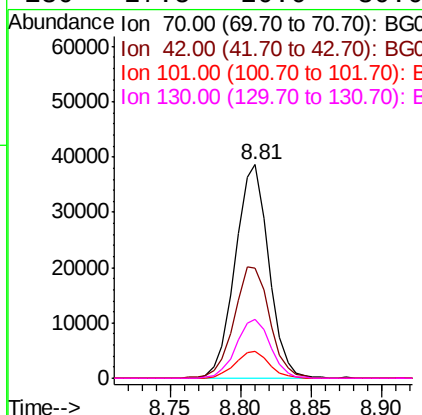




#19
n-Nitroso-di-n-propylamine
Concen: 36.620 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

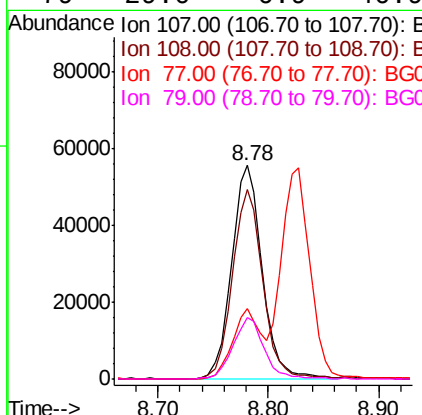
Instrument :
BNA_G
ClientSampleId :

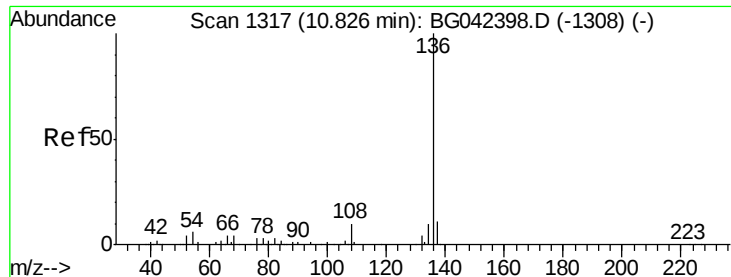
Tot Ion:	70	Resp:	64237
Ion	Ratio	Lower	Upper
70	100		
42	51.4	38.8	58.2
101	12.6	9.0	13.6
130	27.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.554 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:	107	Resp:	108176
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	33.0	10.2	50.2
79	29.0	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

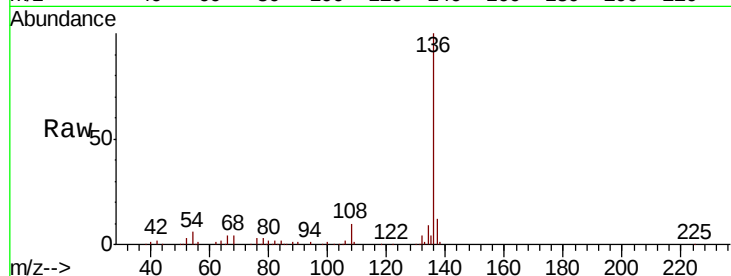
Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampled :



Tot Ion:136 Resp: 170900

Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 5.7 4.9 7.3

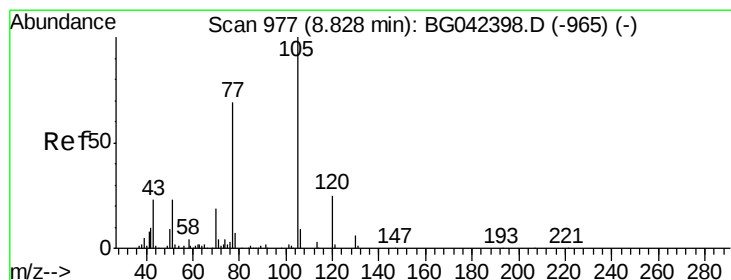
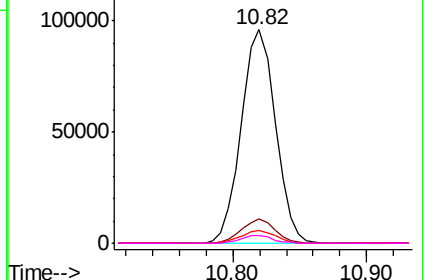
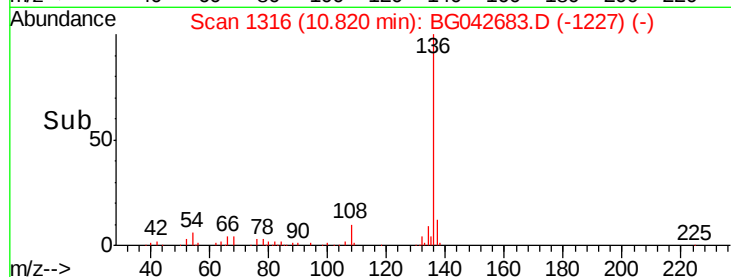
68 3.8 3.6 5.4

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: 38.981 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Tgt Ion:105 Resp: 142486

Ion Ratio Lower Upper

105 100

71 3.7 2.8 4.2

51 23.2 18.7 28.1

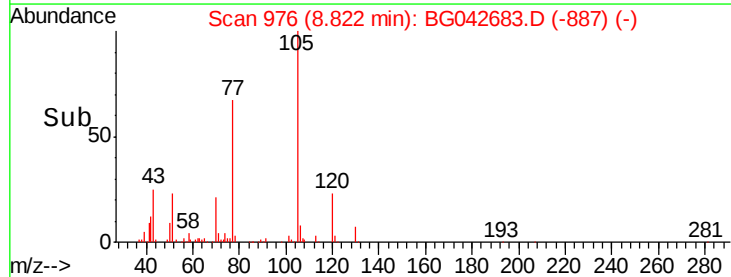
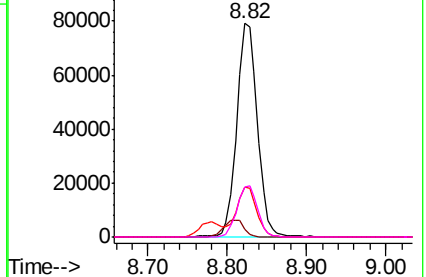
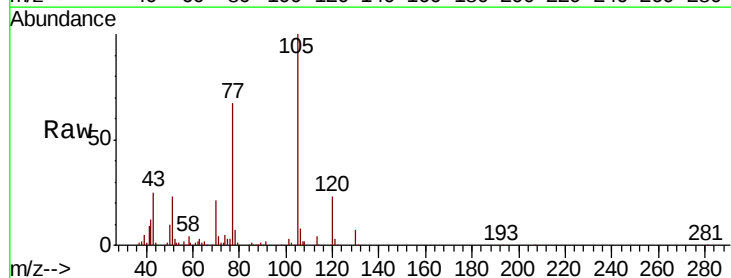
120 23.3 20.1 30.1

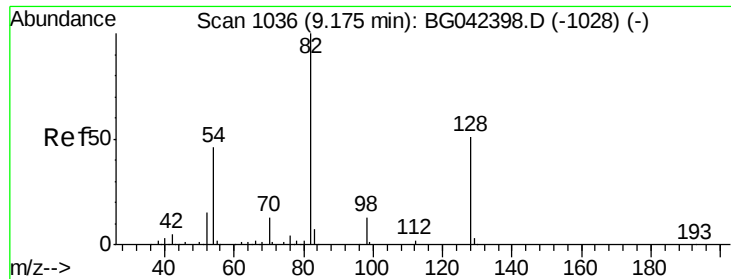
Abundance Ion 105.00 (104.70 to 105.70): E

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

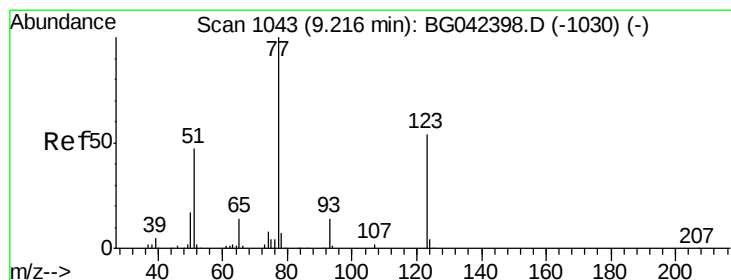
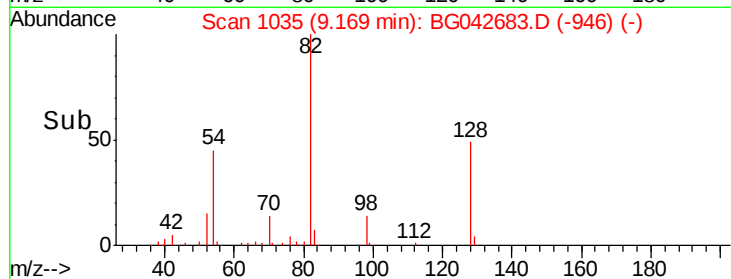
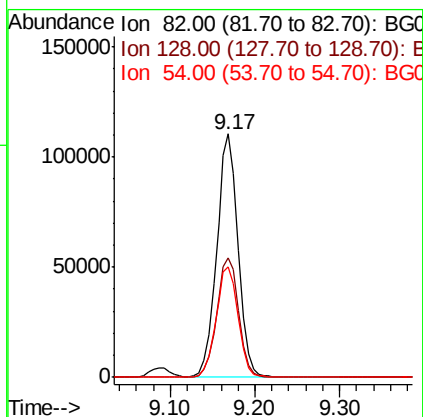
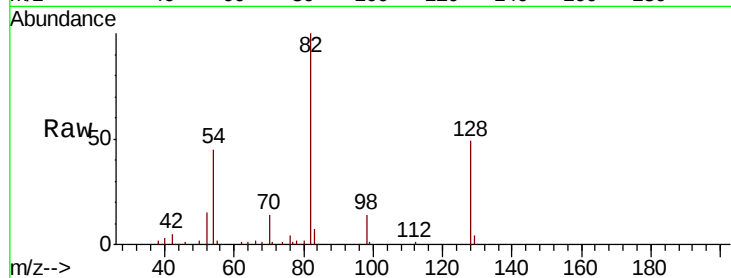




#23
Nitrobenzene-d5
Concen: 78.588 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

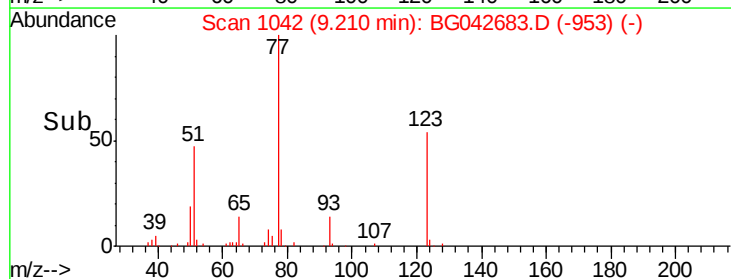
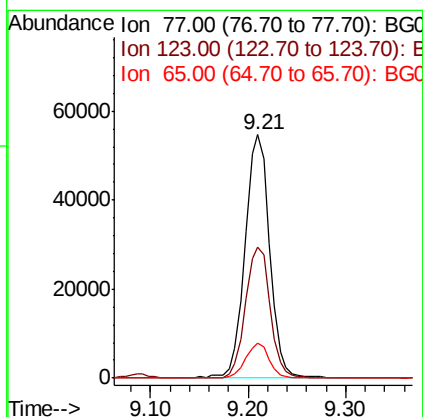
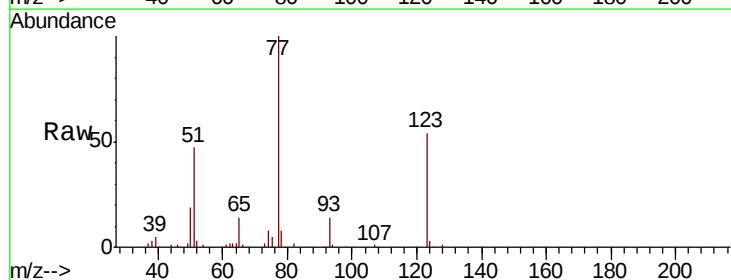
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	194356
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.7	61.1
54	45.3	36.3	54.5



#24
Nitrobenzene
Concen: 38.543 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion	77	Resp	96526
Ion Ratio	Lower	Upper	
77	100		
123	53.8	43.4	65.0
65	14.2	11.0	16.6

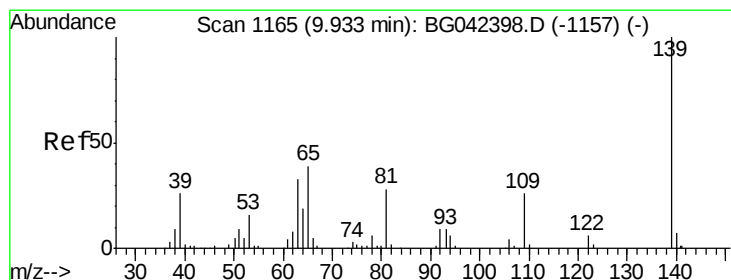
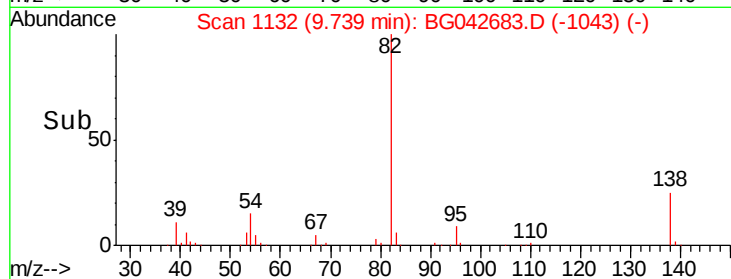
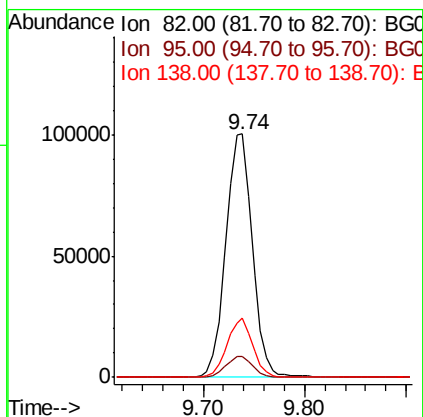
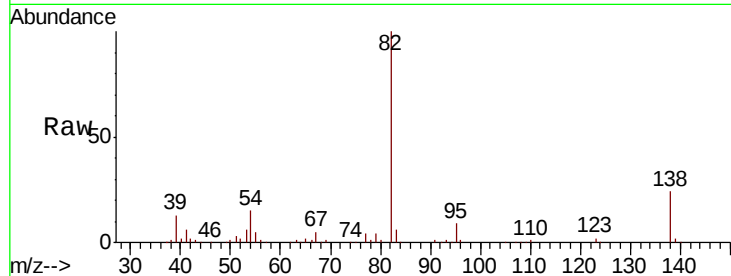




#25
Isophorone
Concen: 37.345 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

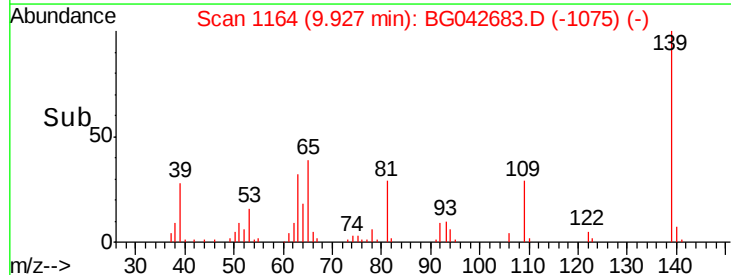
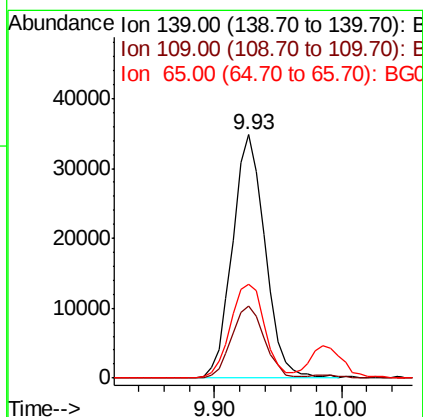
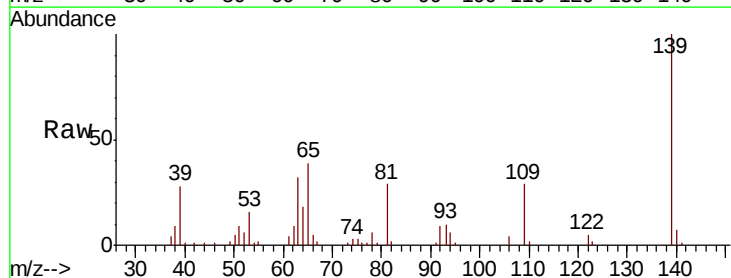
Instrument :
BNA_G
ClientSampled :

Tot Ion	82.00	Resp	182268
Ion Ratio	100		
Lower	6.6		
Upper	9.8		
82	100		
95	8.7		
138	24.4		
	18.6		
	27.8		



#26
2-Nitrophenol
Concen: 39.492 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion	139	Resp	61979
Ion Ratio	100		
Lower	20.5		
Upper	30.7		
139	100		
109	29.5		
65	38.6		
	30.9		
	46.3		

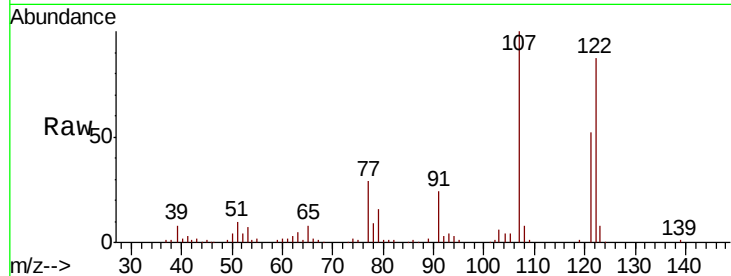




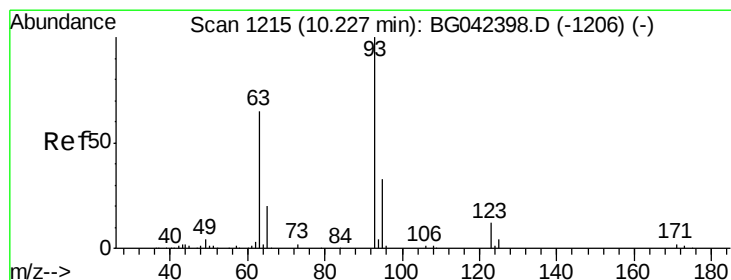
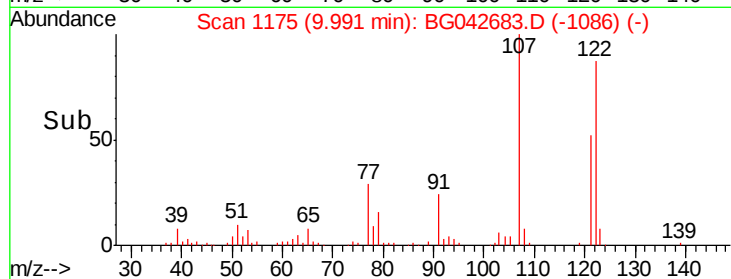
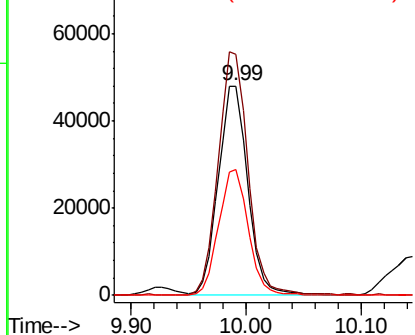
#27
 2,4-Dimethylphenol
 Concen: 39.479 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 85348
 Ion Ratio Lower Upper
 122 100
 107 115.0 90.8 136.2
 121 59.8 49.6 74.4

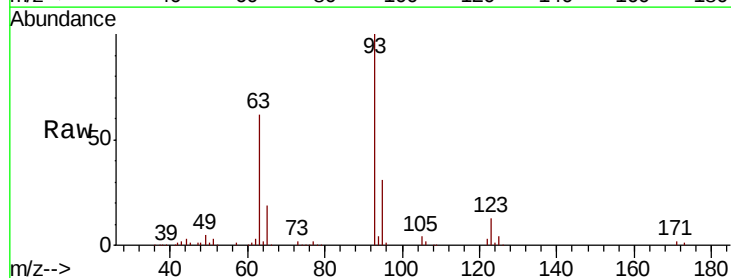


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

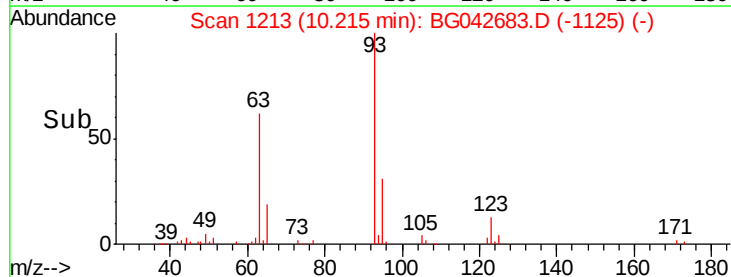
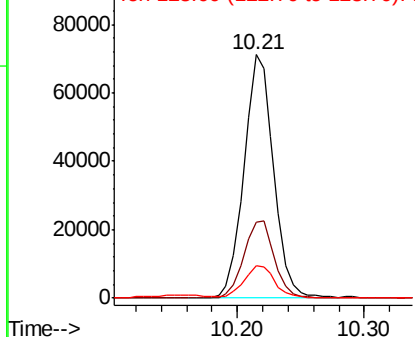


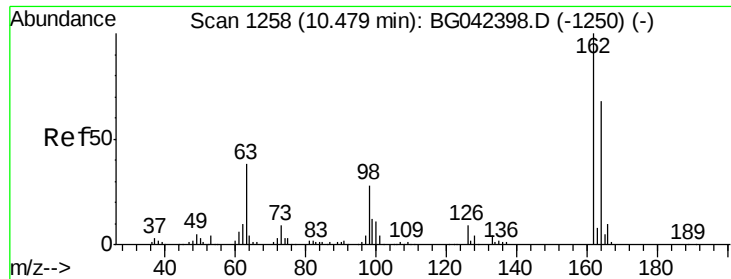
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.426 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion: 93 Resp: 115129
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.6 40.0
 123 13.5 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

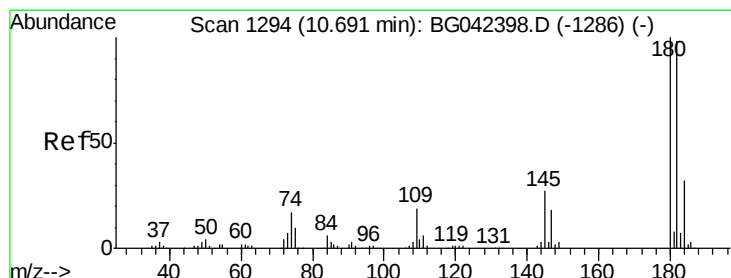
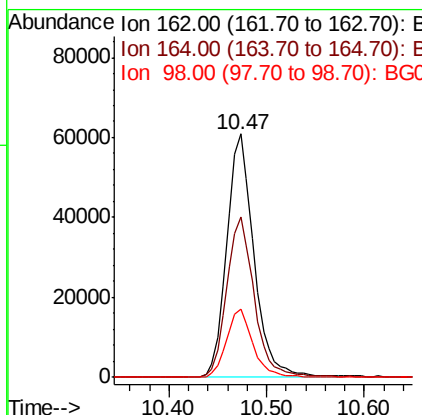
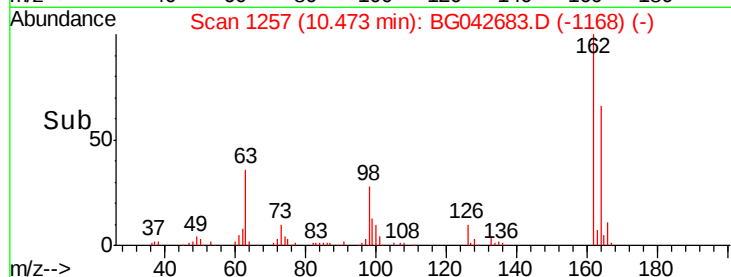
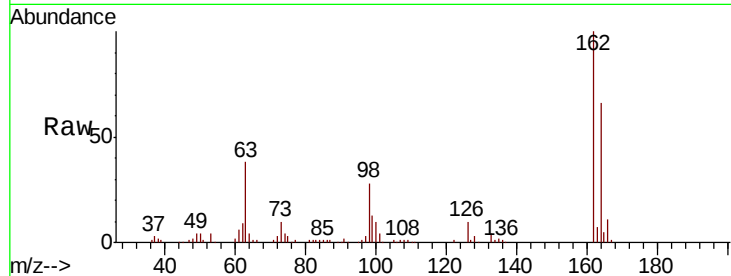




#29
 2,4-Dichlorophenol
 Concen: 41.710 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

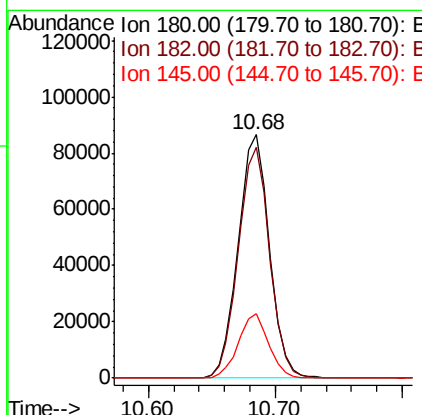
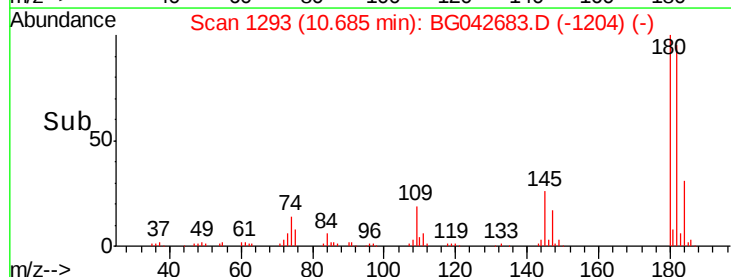
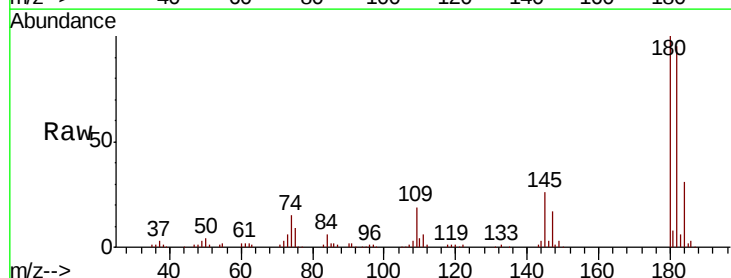
Instrument :
 BNA_G
 ClientSampleId :

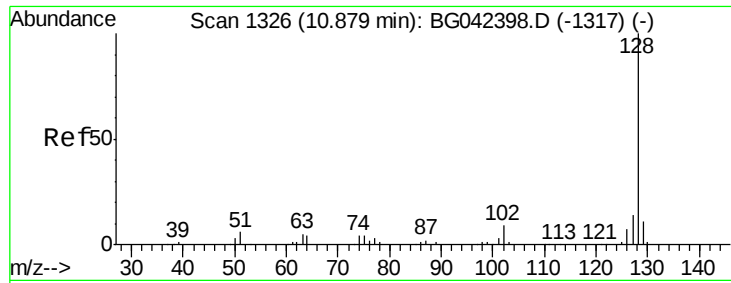
Tot Ion	162	Resp	117974
Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.1	88.1
98	28.0	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.502 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion	180	Resp	147557
Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.7	118.1
145	26.3	21.6	32.4

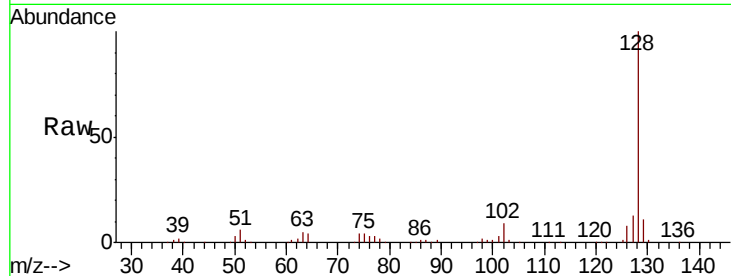




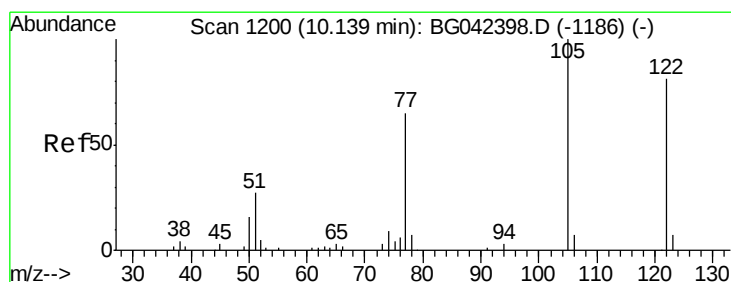
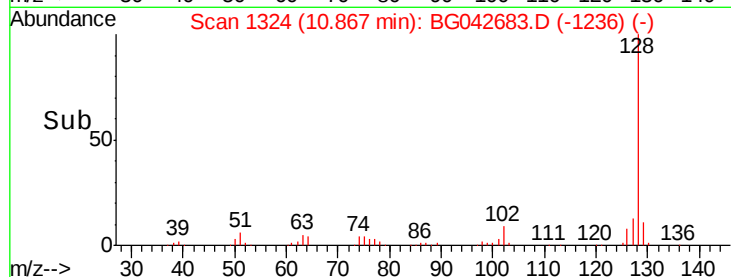
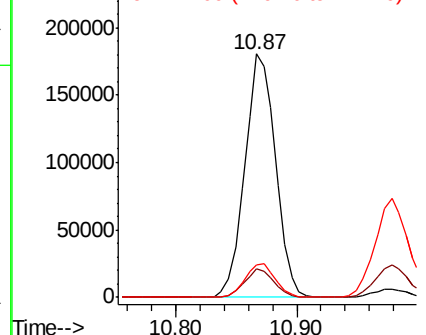
#31
Naphthalene
Concen: 40.217 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 319100
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.3 11.4 17.0

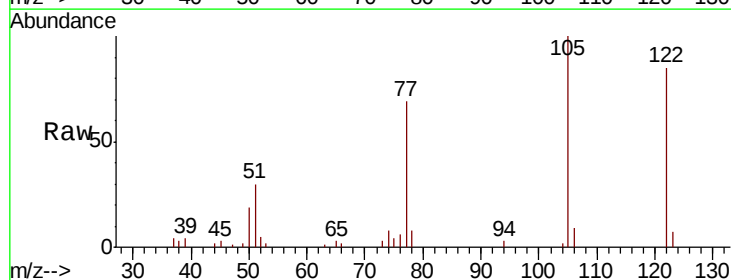


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

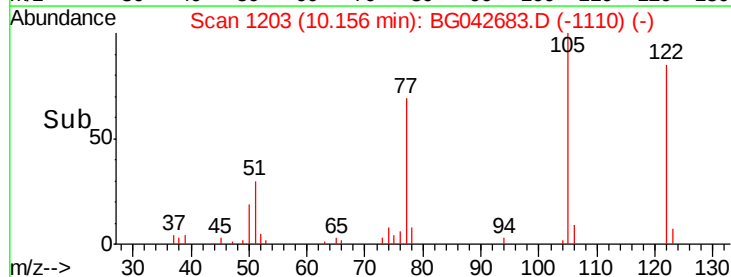
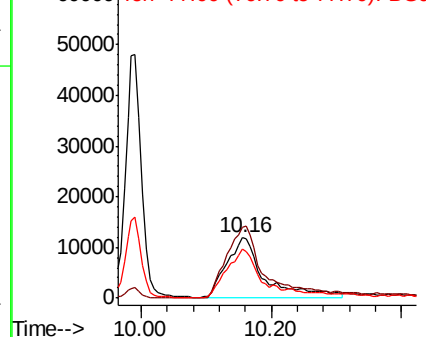


#32
Benzoic acid
Concen: 33.859 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:122 Resp: 48573
Ion Ratio Lower Upper
122 100
105 117.5 99.6 139.6
77 81.1 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

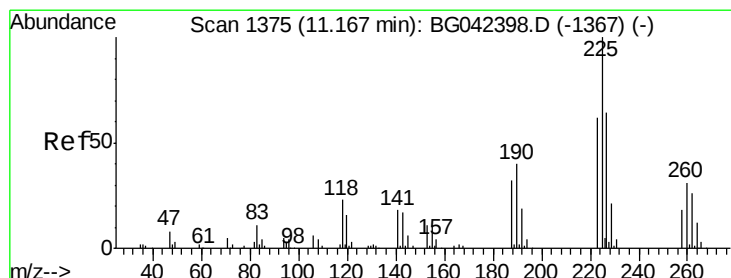
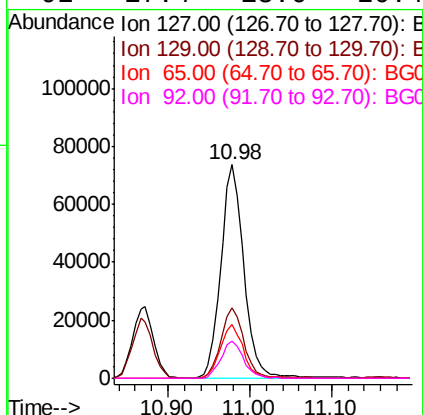
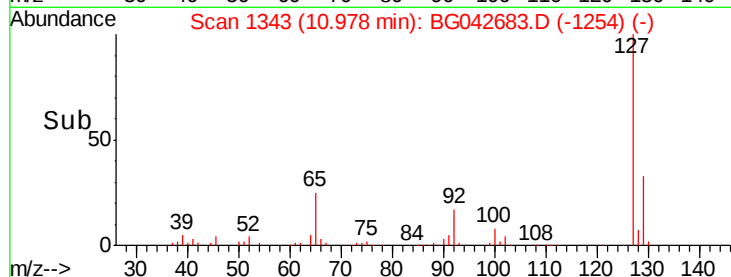
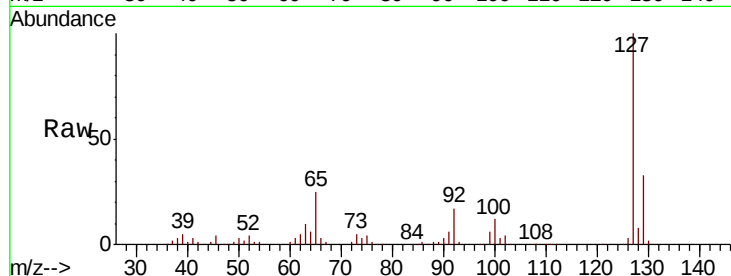




#33
4-Chloroaniline
Concen: 39.529 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

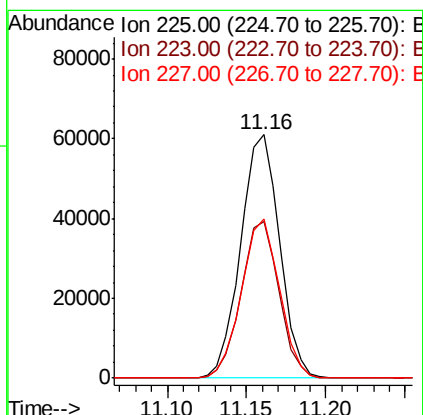
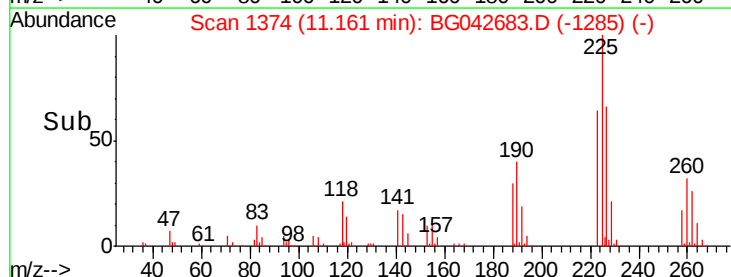
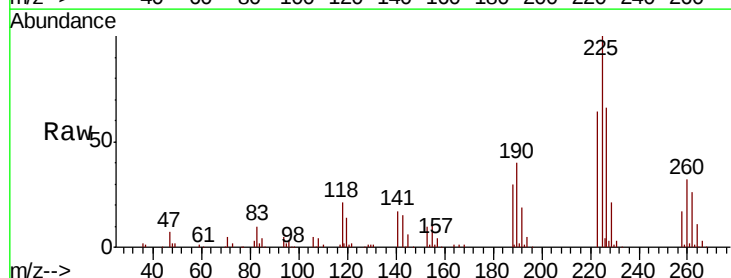
Instrument :
BNA_G
ClientSampleId :

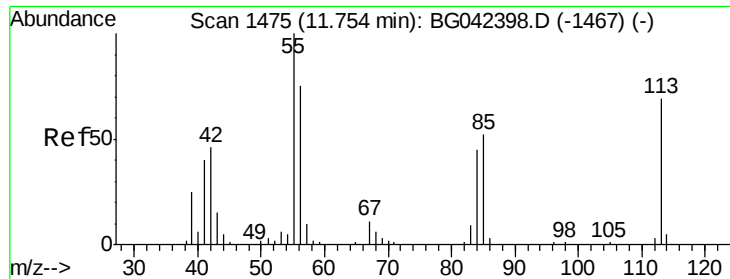
Tot Ion:	127	Resp:	144785
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.8	40.2
65	25.0	20.7	31.1
92	17.4	13.6	20.4



#34
Hexachlorobutadiene
Concen: 44.694 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:	225	Resp:	104281
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	65.5	50.9	76.3

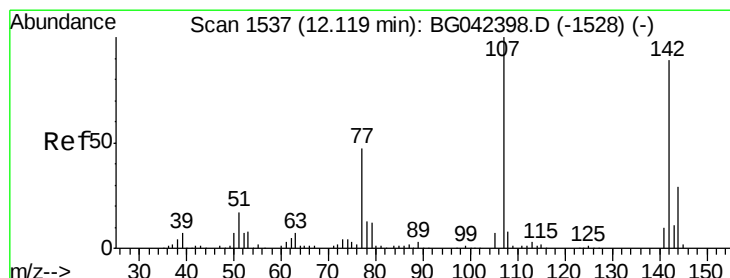
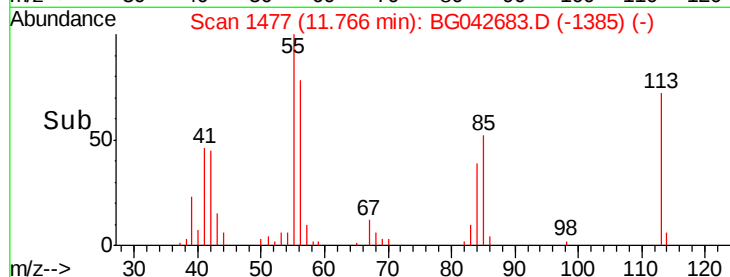
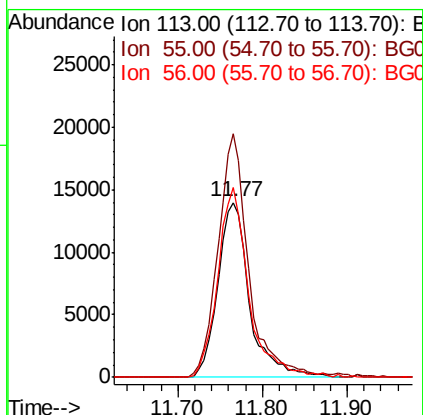
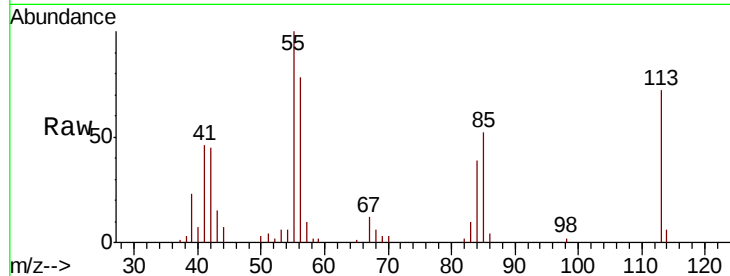




#35
 Caprolactam
 Concen: 38.523 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

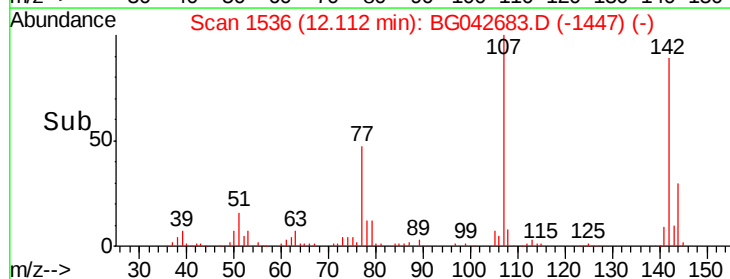
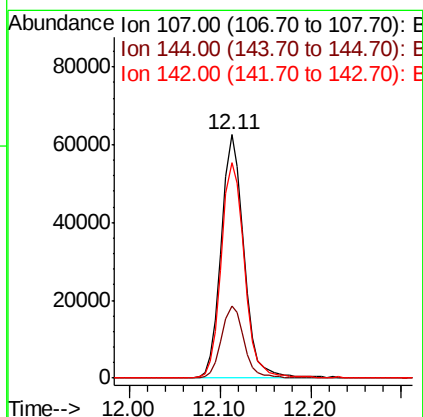
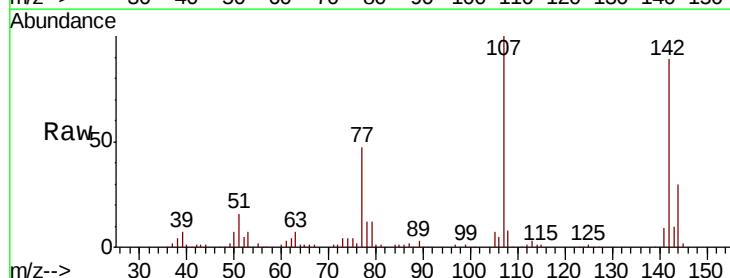
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 36358
 Ion Ratio Lower Upper
 113 100
 55 139.4 124.6 164.6
 56 109.0 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.681 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion:107 Resp: 109229
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.6 35.4
 142 88.7 71.0 106.4

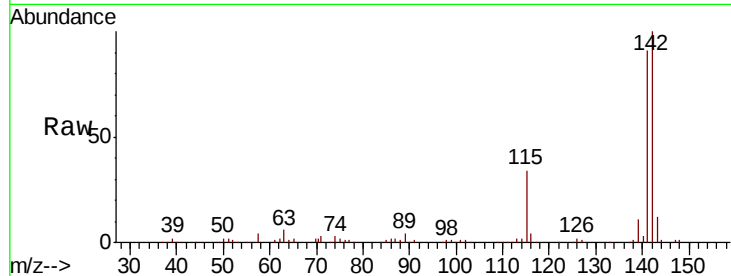




#37
2-Methylnaphthalene
Concen: 40.848 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.2
115	33.7	25.2	37.8

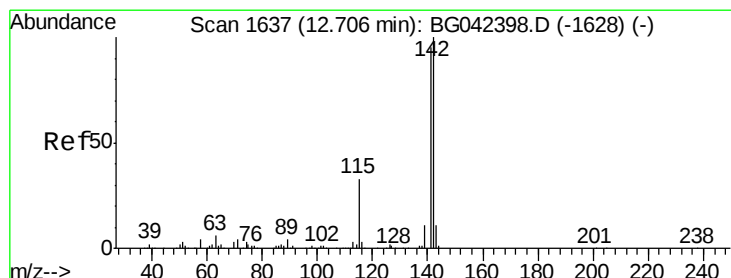
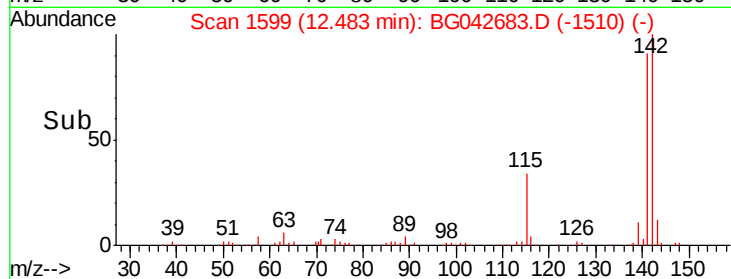
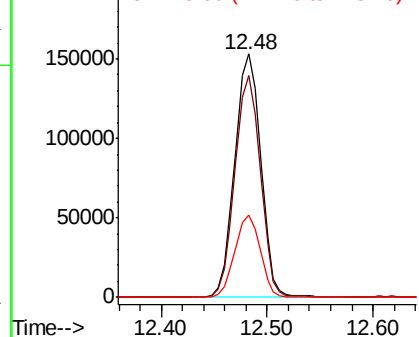


Abundance

Ion 142.00 (141.70 to 142.70): E

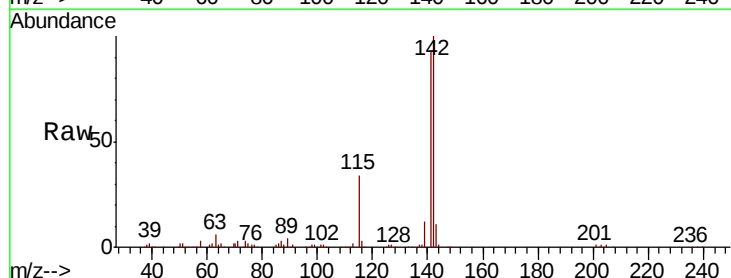
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.016 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.2	114.2
116	3.4	2.8	4.2

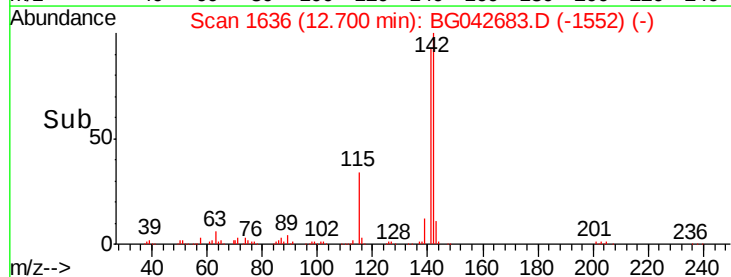
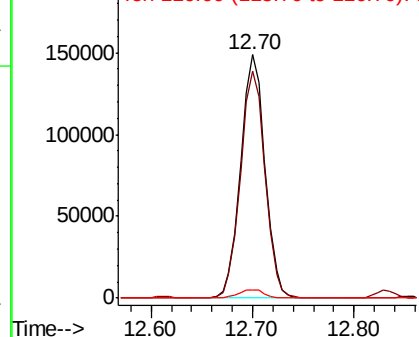


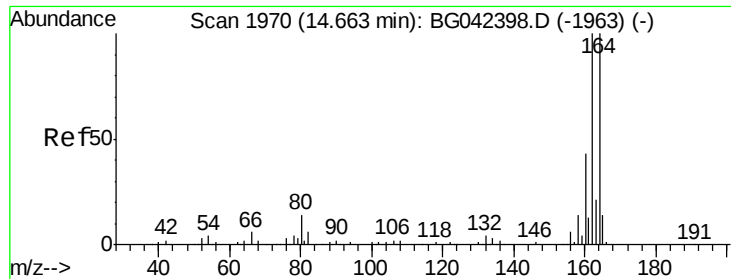
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampled :

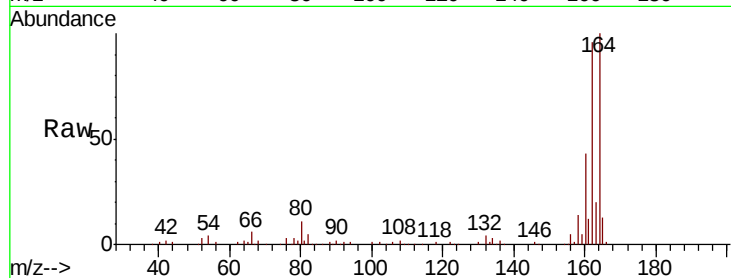
Tot Ion:164 Resp: 132669

Ion Ratio Lower Upper

164 100

162 95.8 79.9 119.9

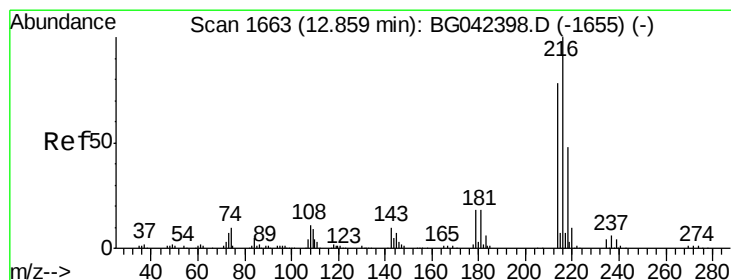
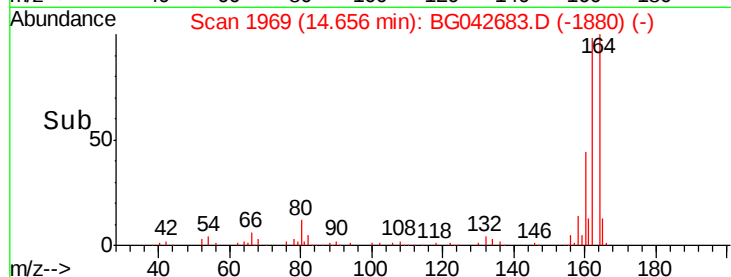
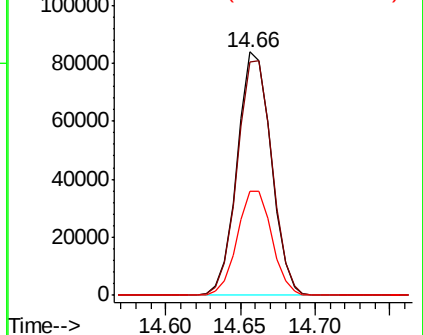
160 42.8 34.3 51.5



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: 42.586 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Tgt Ion:216 Resp: 181438

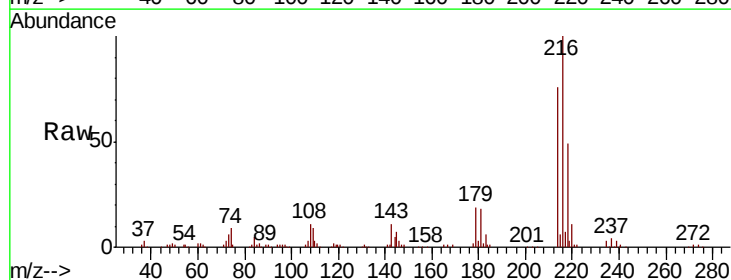
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 18.6 15.1 22.7

108 11.2 9.4 14.0

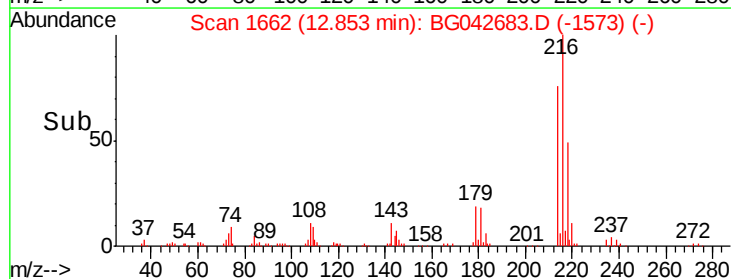
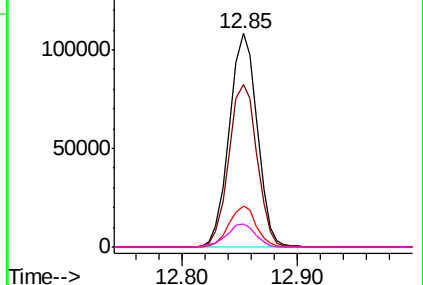


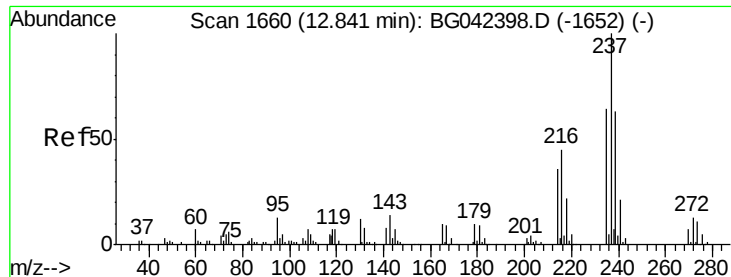
Abundance Ion 216.00 (215.70 to 216.70): E

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

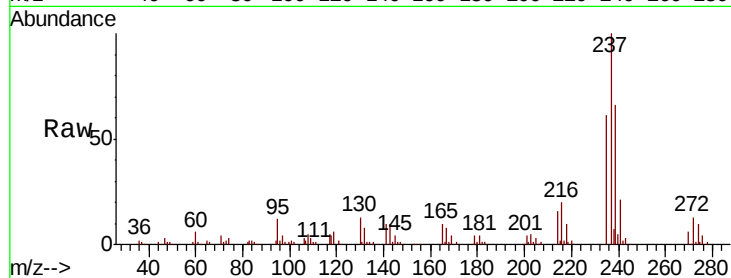




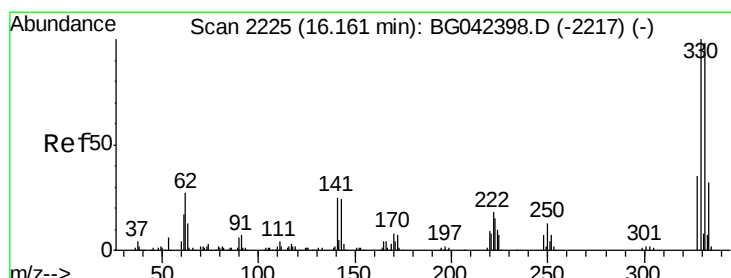
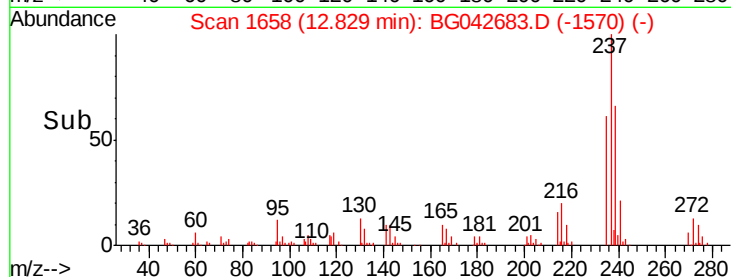
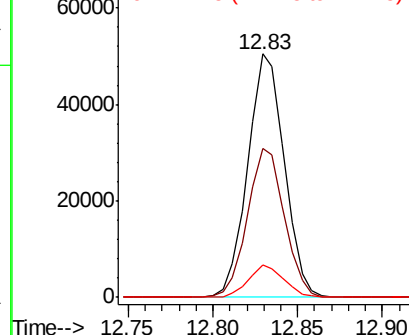
#41
Hexachlorocyclopentadiene
Concen: 34.007 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 76106
Ion Ratio Lower Upper
237 100
235 61.2 43.7 83.7
272 13.2 0.0 33.3

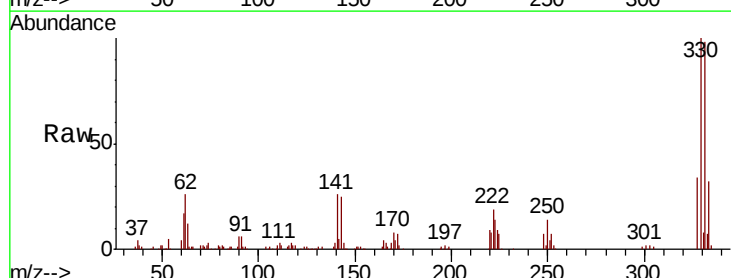


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

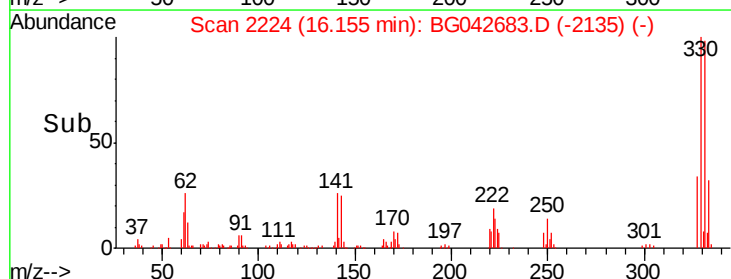
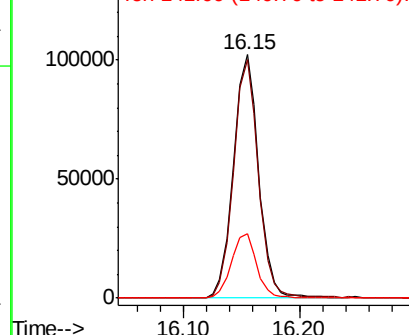


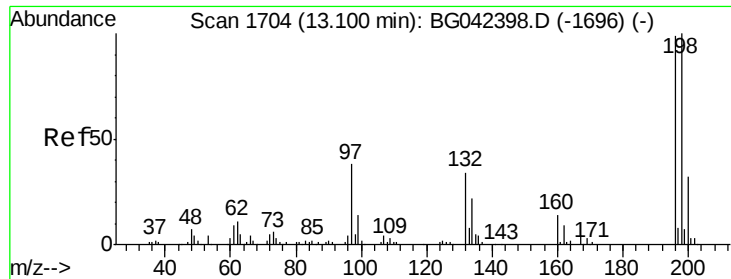
#42
2,4,6-Tribromophenol
Concen: 82.057 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:330 Resp: 154733
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 26.4 21.4 32.0



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

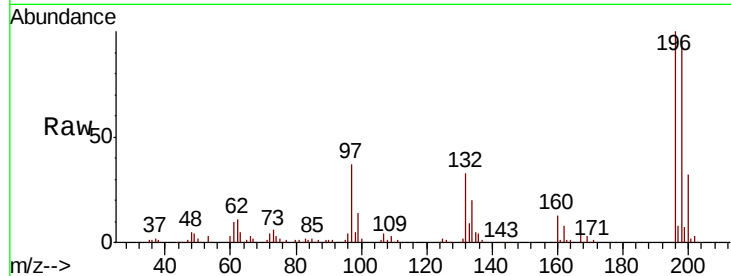




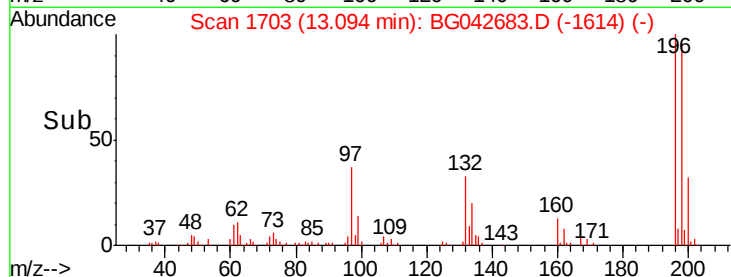
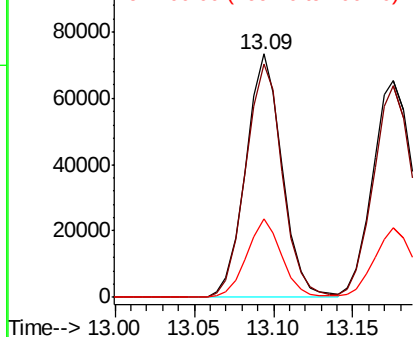
#43
 2,4,6-Trichlorophenol
 Concen: 40.677 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 117141
 Ion Ratio Lower Upper
 196 100
 198 95.7 80.7 121.1
 200 32.4 25.7 38.5

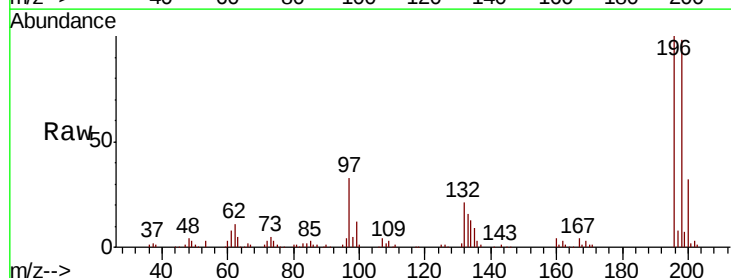


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

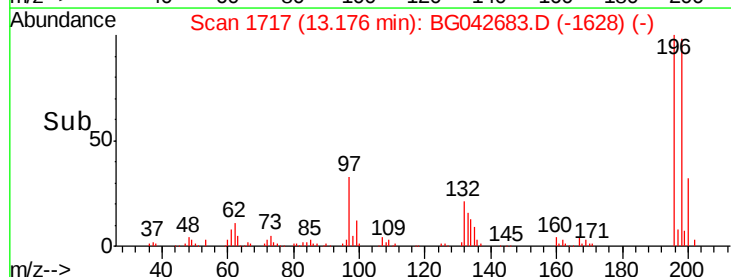
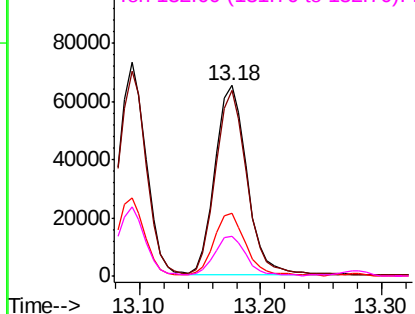


#44
 2,4,5-Trichlorophenol
 Concen: 40.106 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion:196 Resp: 119688
 Ion Ratio Lower Upper
 196 100
 198 97.8 80.2 120.4
 97 33.0 26.3 39.5
 132 21.2 16.6 24.8



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

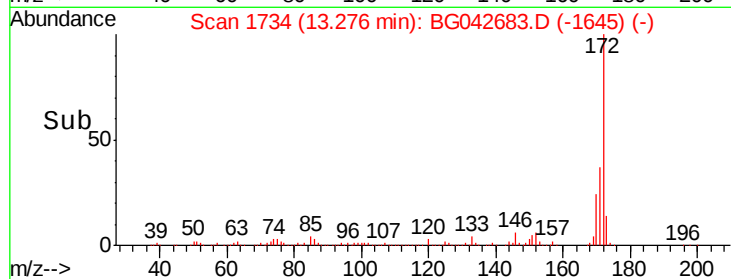
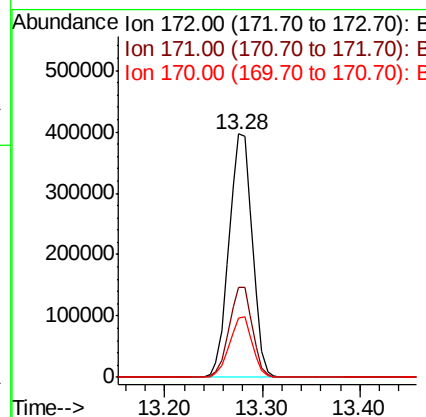
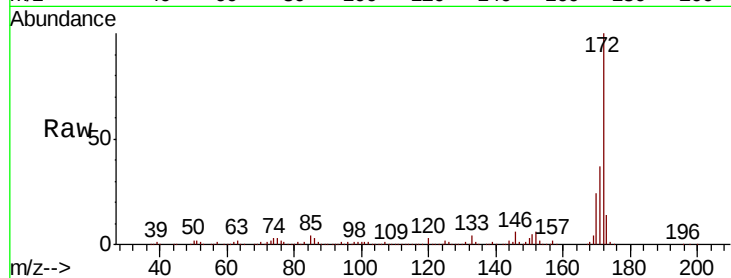




#45
 2-Fluorobiphenyl
 Concen: 83.627 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

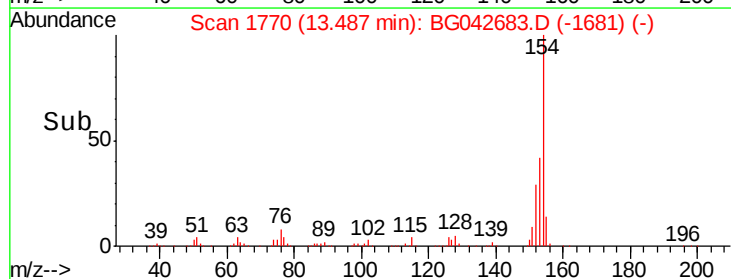
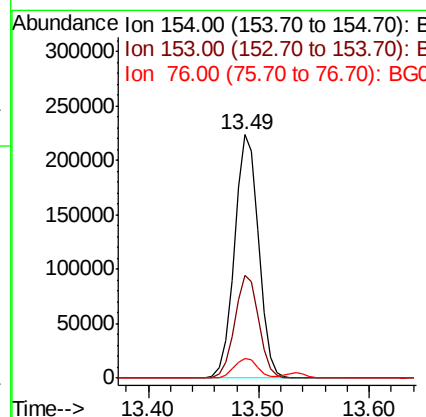
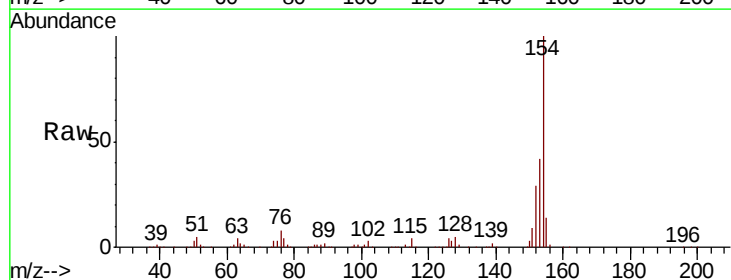
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.5	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 39.952 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	8.2	0.0	29.6

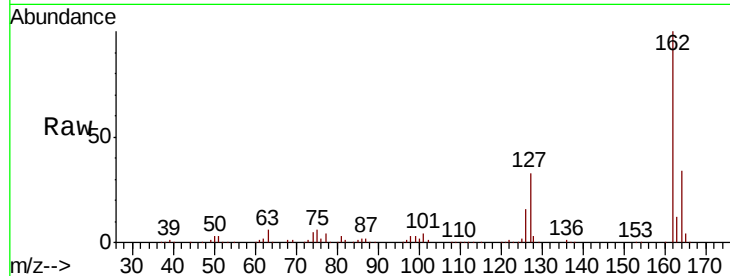




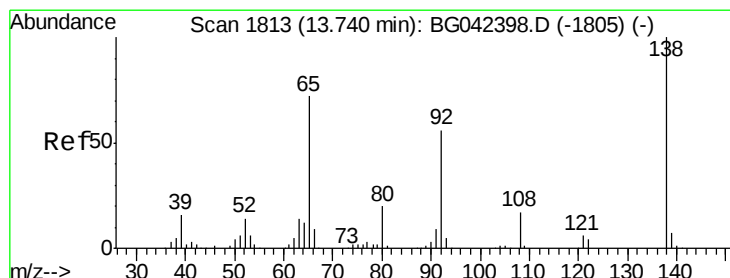
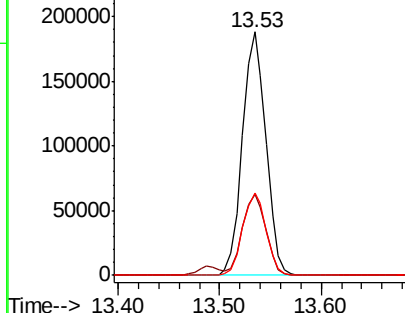
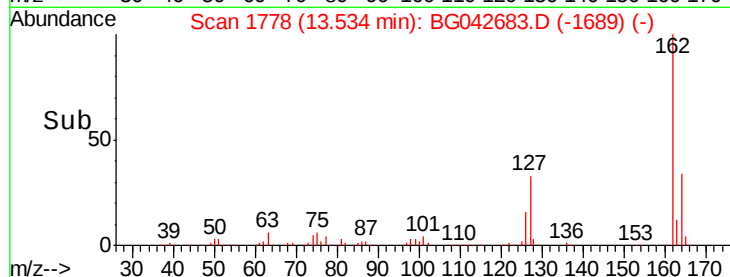
#47
 2-Chloronaphthalene
 Concen: 40.837 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.3	26.0	39.0
164	33.8	27.4	41.0

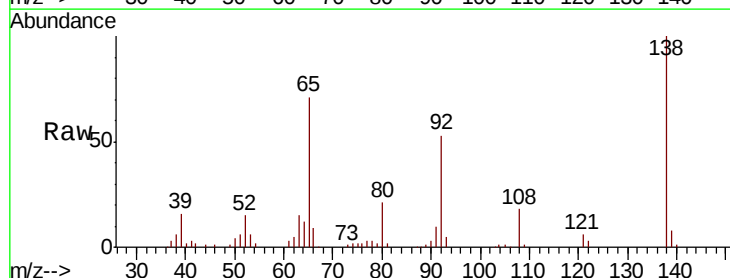


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

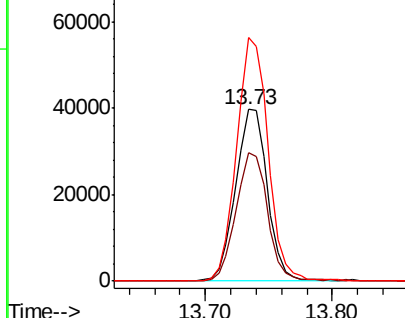
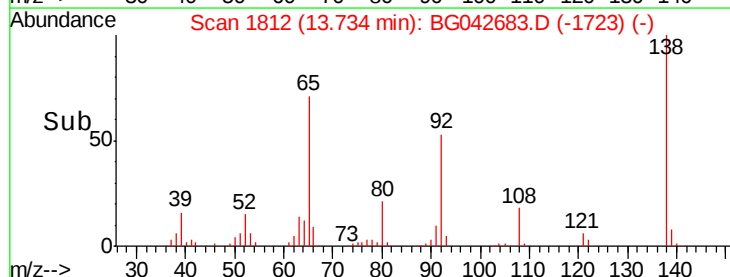


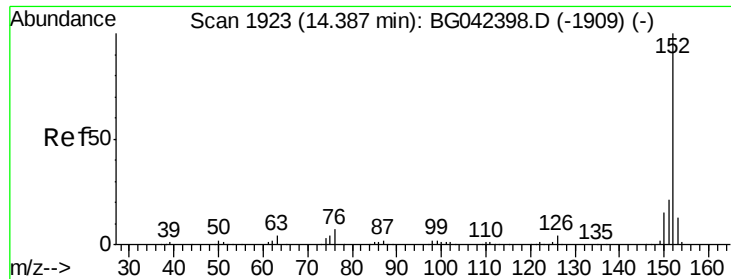
#48
 2-Nitroaniline
 Concen: 38.610 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	61.8	92.6
138	141.7	111.0	166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.016 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

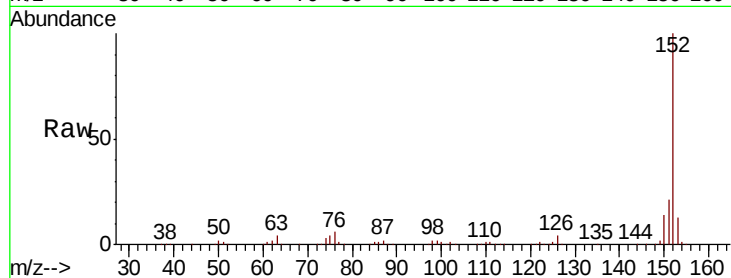
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 445179

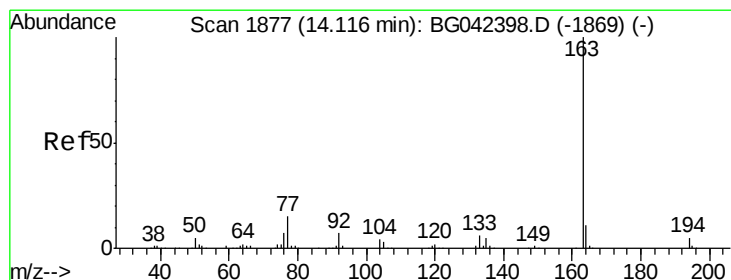
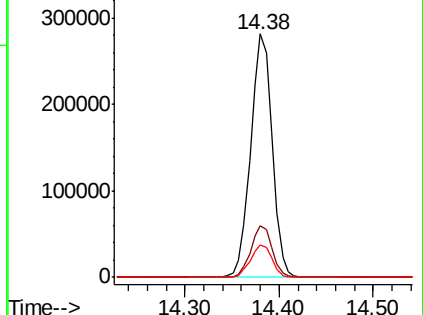
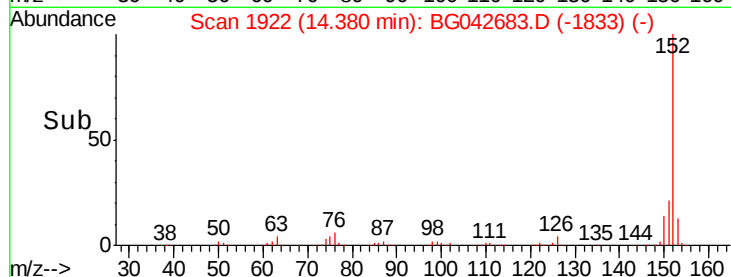
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.4
153	13.5	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.794 ng

RT: 14.11 min Scan# 1876

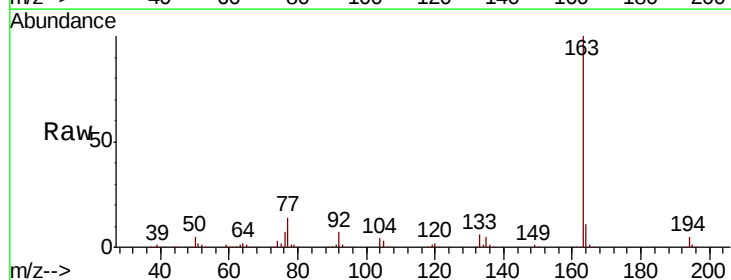
Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Tgt Ion:163 Resp: 380933

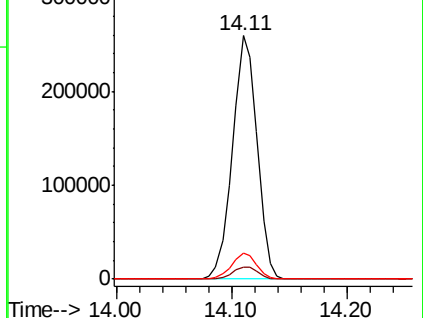
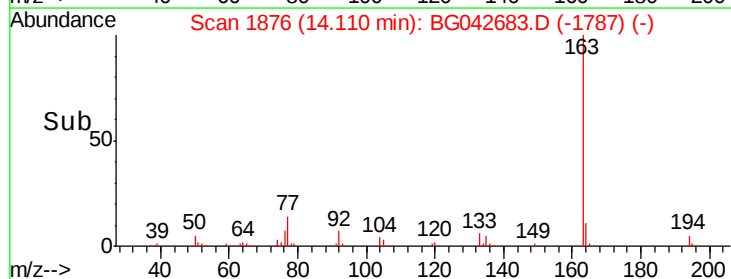
Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.7	8.8	13.2

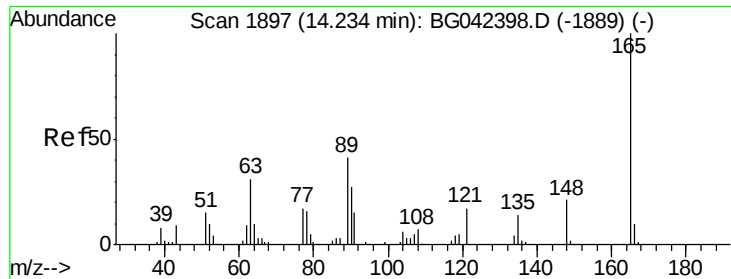


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

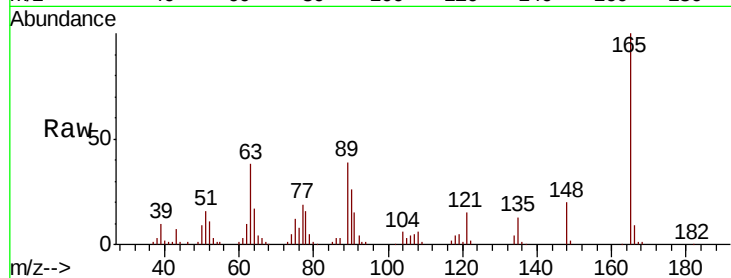




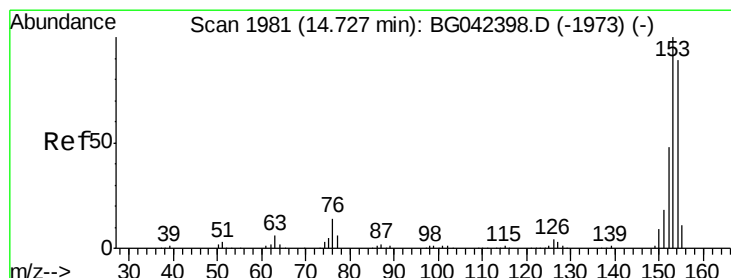
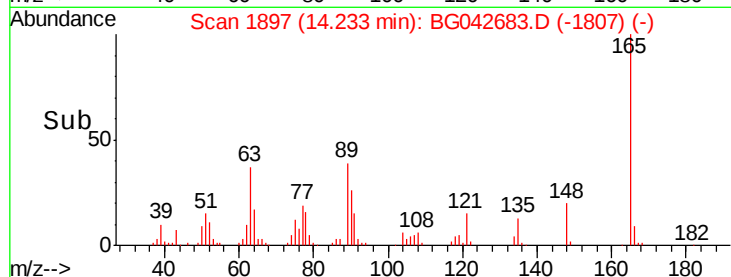
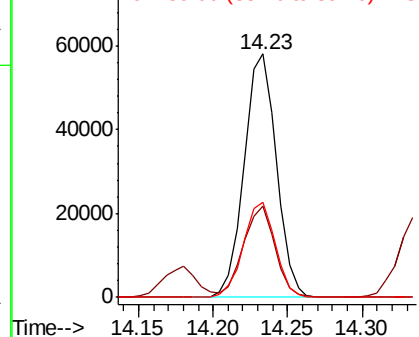
#51
2,6-Dinitrotoluene
Concen: 39.172 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	30.6	45.8
89	39.0	32.6	49.0

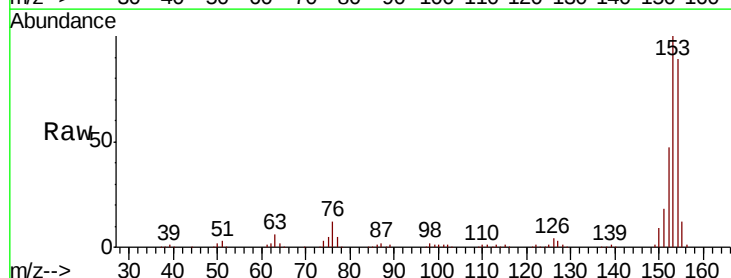


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

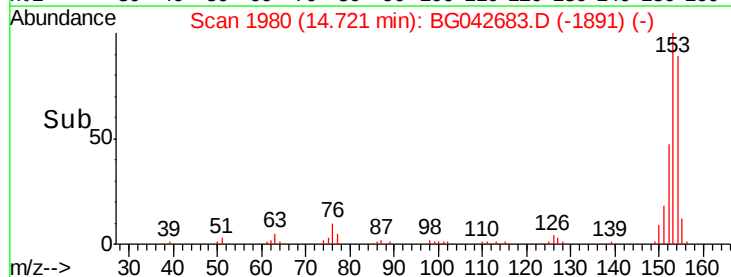
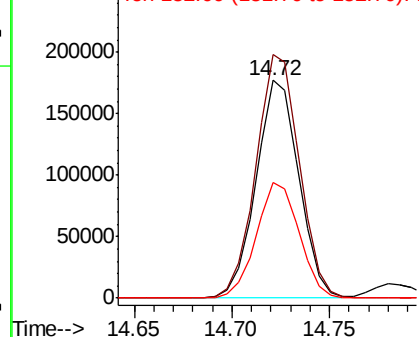


#52
Acenaphthene
Concen: 39.865 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.2	135.4
152	52.9	43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

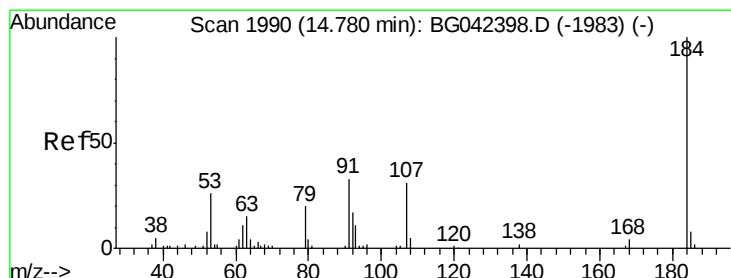
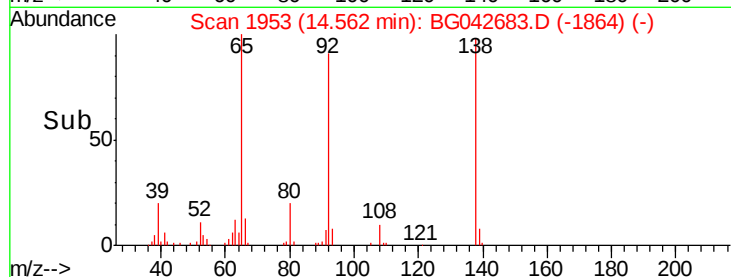
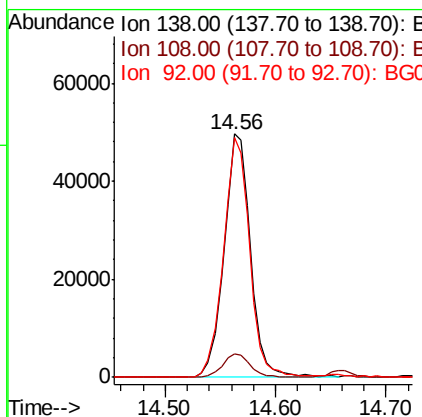
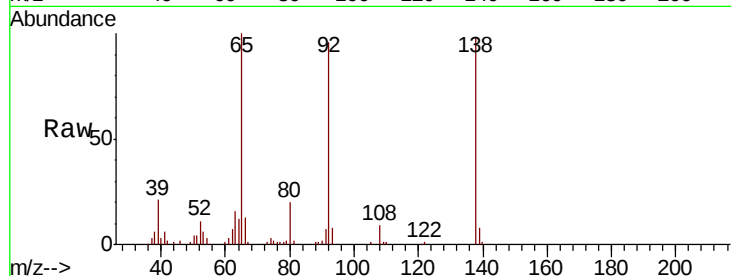




#53
3-Nitroaniline
Concen: 37.381 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

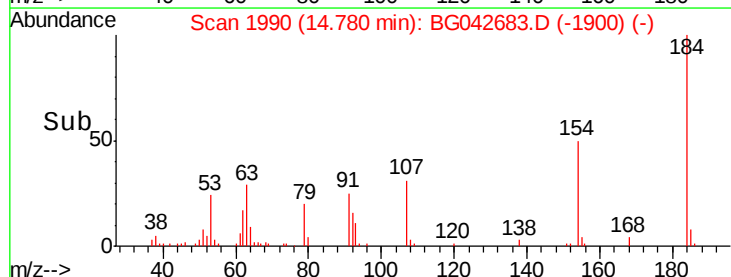
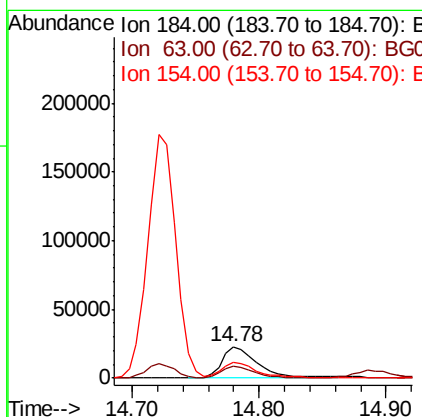
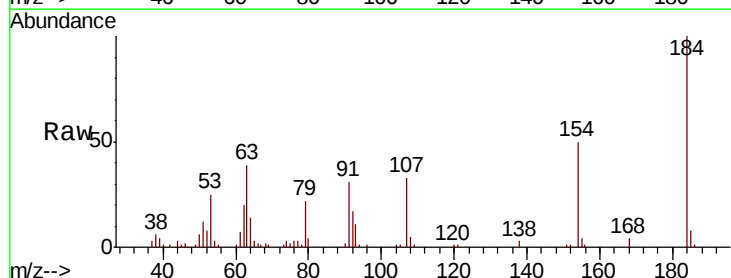
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 82950
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 98.6 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 33.677 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:184 Resp: 44488
Ion Ratio Lower Upper
184 100
63 39.0 31.7 47.5
154 49.6 42.0 63.0





#55

Dibenzenofuran

Concen: 40.610 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

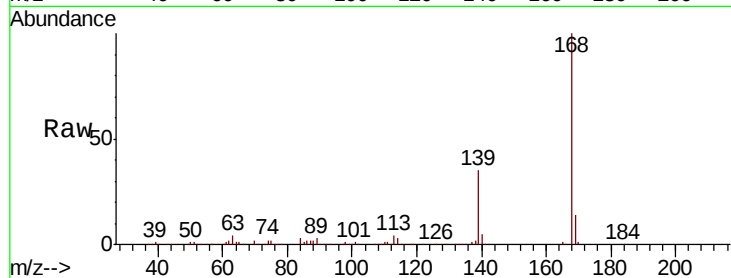
Tot Ion:168 Resp: 454094

Ion Ratio Lower Upper

168 100

139 34.8 27.2 40.8

169 14.1 11.5 17.3

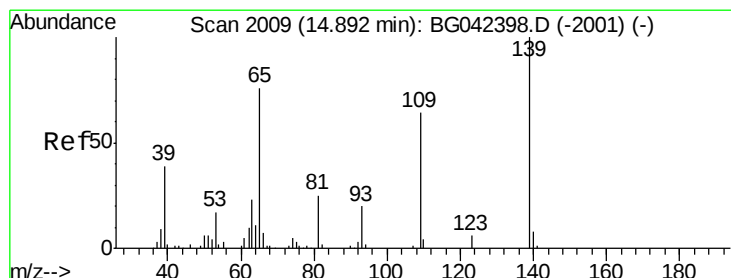
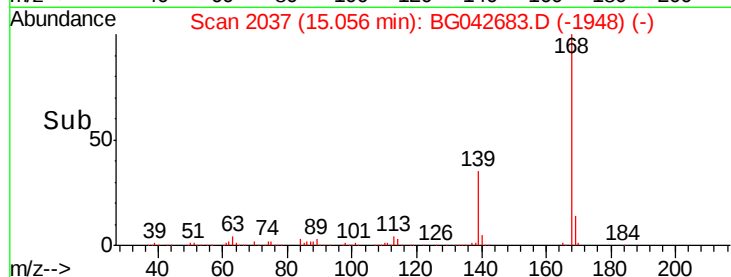
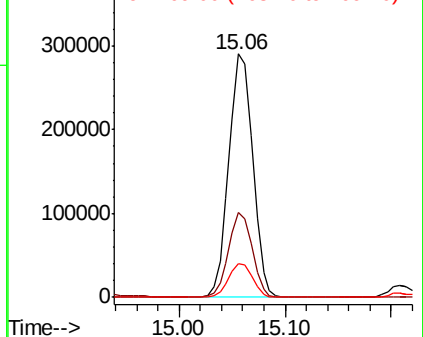


Abundance

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: 35.115 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

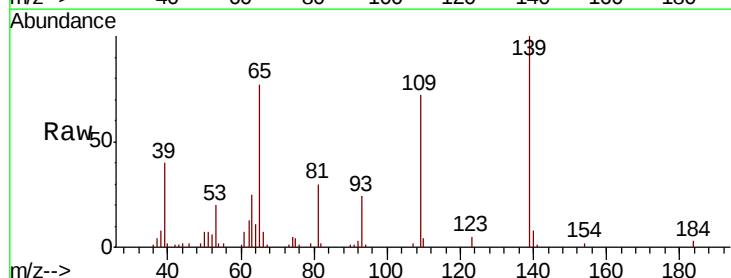
Tgt Ion:139 Resp: 55370

Ion Ratio Lower Upper

139 100

109 71.8 43.9 83.9

65 77.1 56.3 96.3

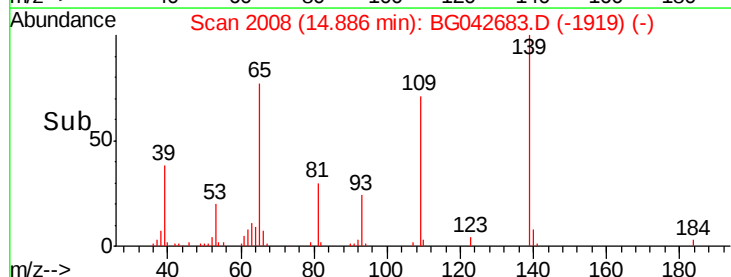
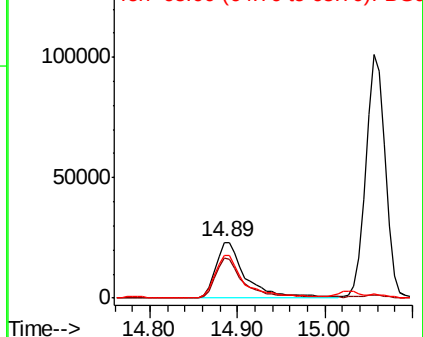


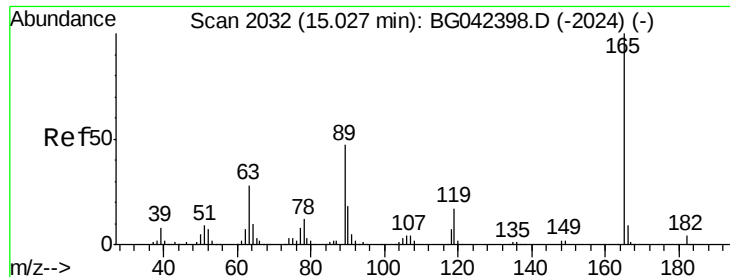
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

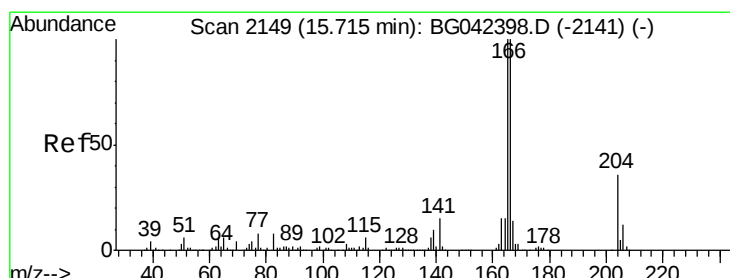
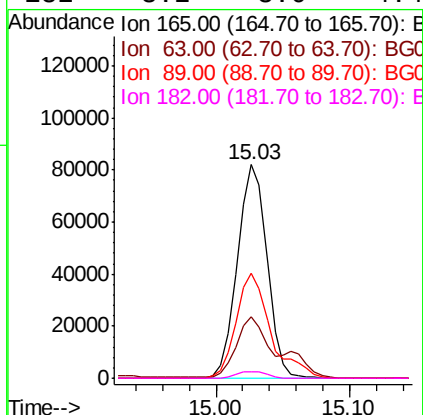
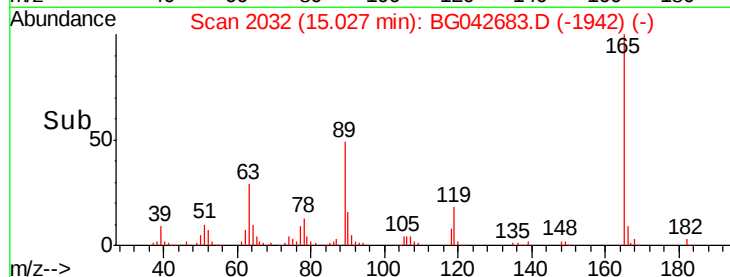
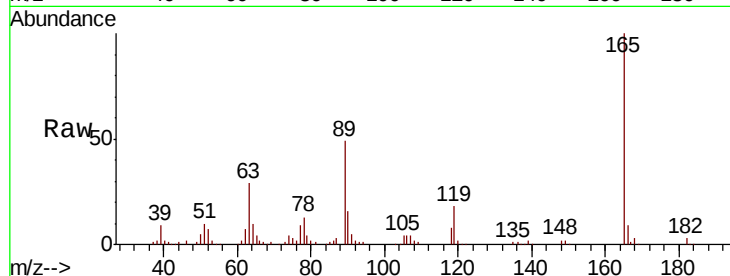




#57
2,4-Dinitrotoluene
Concen: 39.640 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

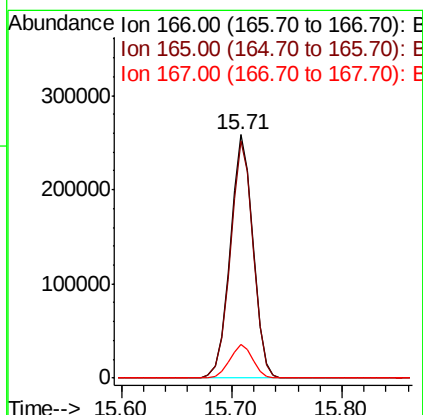
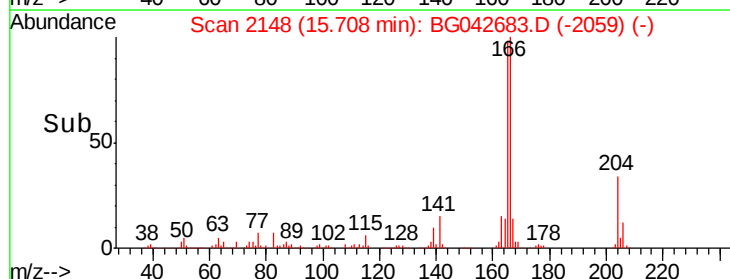
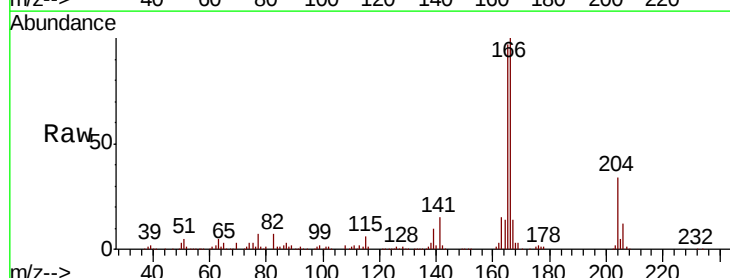
Instrument :
BNA_G
ClientSampleId :

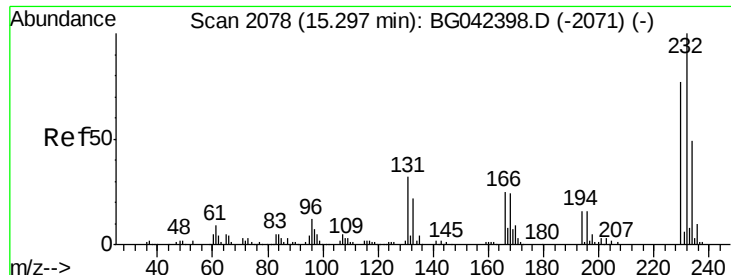
Tot Ion:165	Resp:	125950
Ion	Ratio	Lower Upper
165	100	
63	28.8	22.5 33.7
89	48.9	37.8 56.6
182	3.2	3.0 4.4



#58
Fluorene
Concen: 40.842 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:166	Resp:	373318
Ion	Ratio	Lower Upper
166	100	
165	97.3	79.7 119.5
167	13.7	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.333 ng

RT: 15.29 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 119033

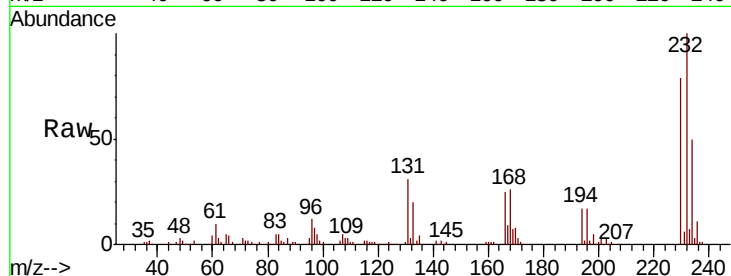
Ion Ratio Lower Upper

232 100

131 31.8 22.9 34.3

130 1.7 1.4 2.0

166 25.3 17.0 25.4

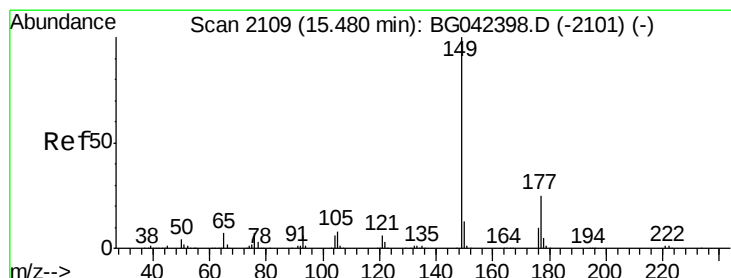
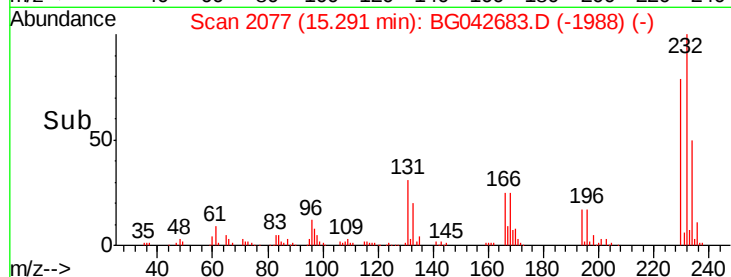
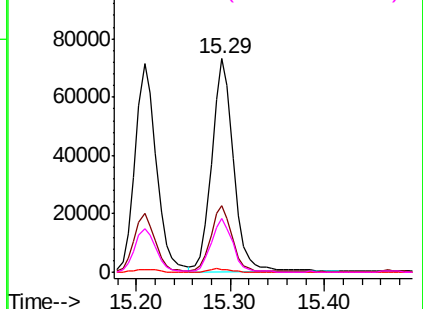


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.399 ng

RT: 15.47 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

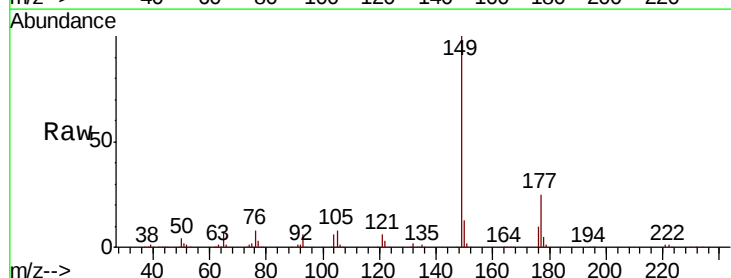
Tgt Ion:149 Resp: 368680

Ion Ratio Lower Upper

149 100

177 24.7 20.4 30.6

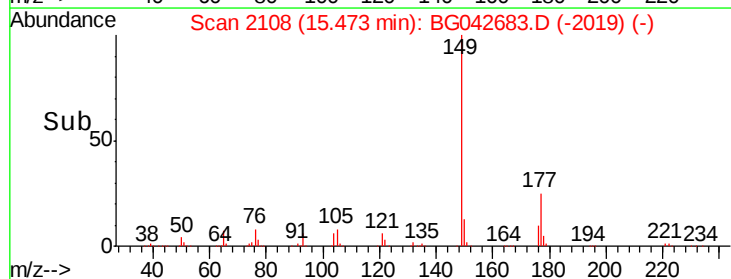
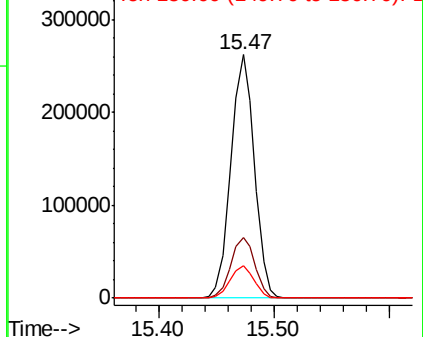
150 13.2 10.3 15.5



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

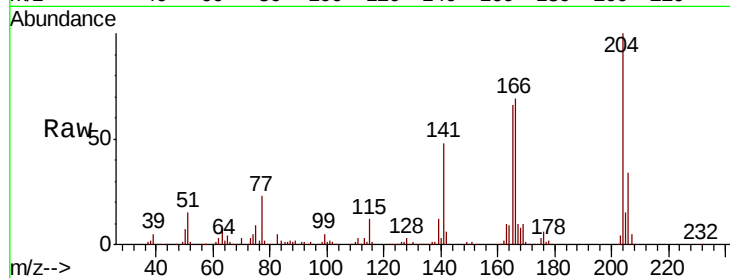




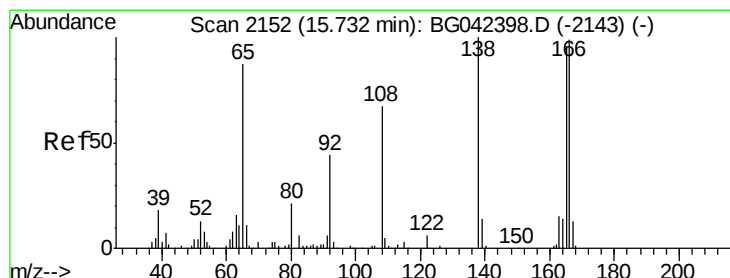
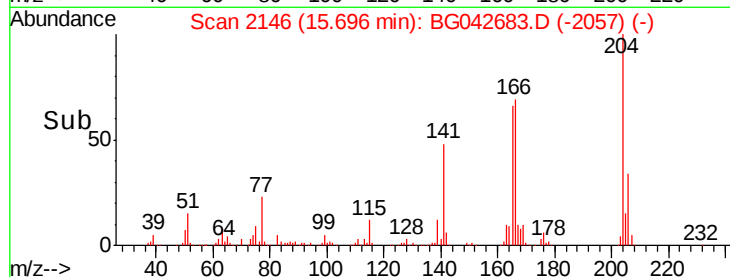
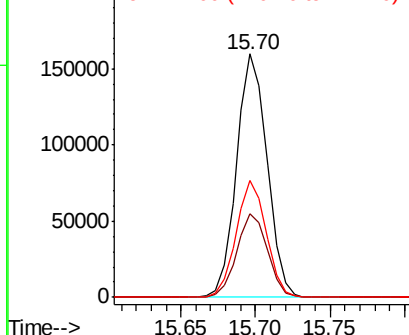
#61
4-Chlorophenyl-phenylether
Concen: 41.234 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 227204
Ion Ratio Lower Upper
204 100
206 34.2 27.2 40.8
141 48.1 38.7 58.1

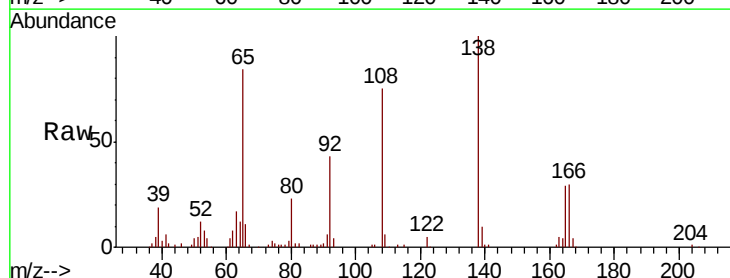


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

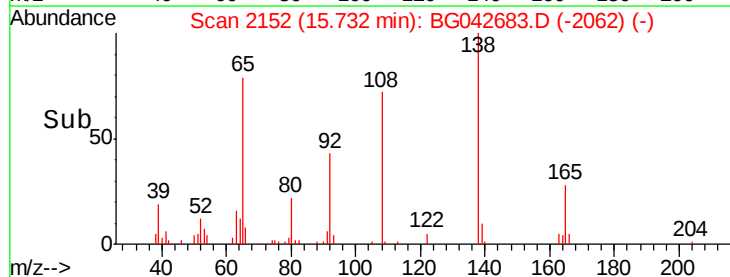
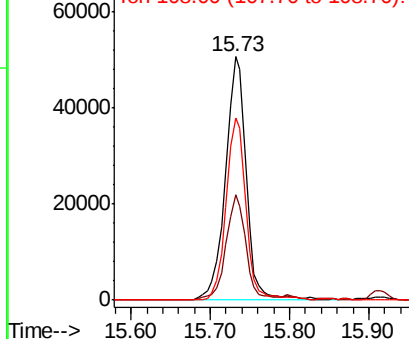


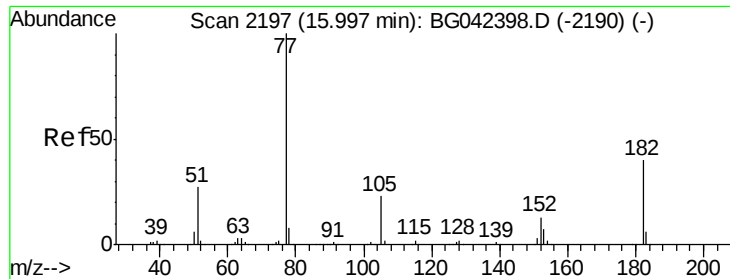
#62
4-Nitroaniline
Concen: 38.913 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:138 Resp: 92416
Ion Ratio Lower Upper
138 100
92 43.3 24.2 64.2
108 75.1 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.320 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 239301

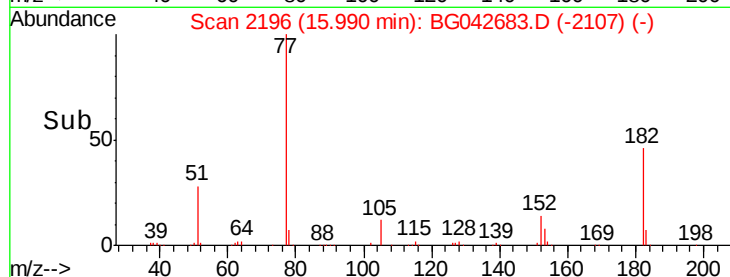
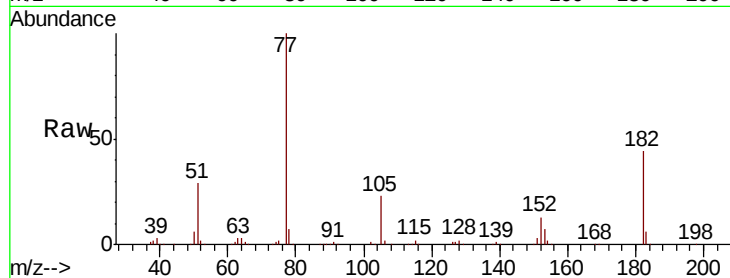
Ion Ratio Lower Upper

77 100

182 44.0 19.9 59.9

105 22.6 2.9 42.9

51 29.3 7.6 47.6

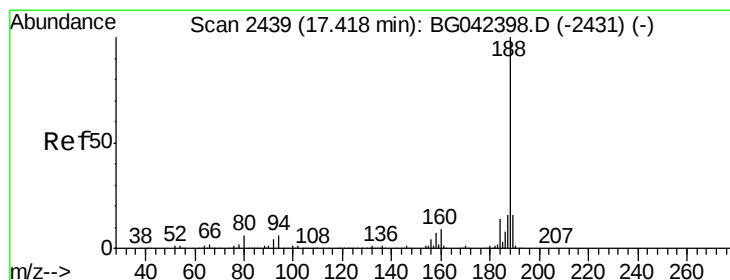
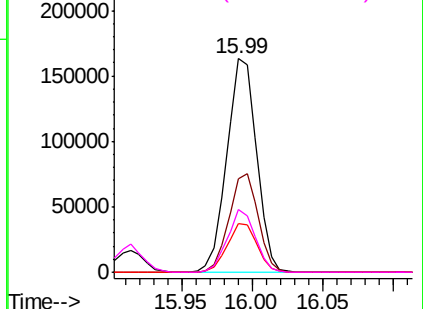


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

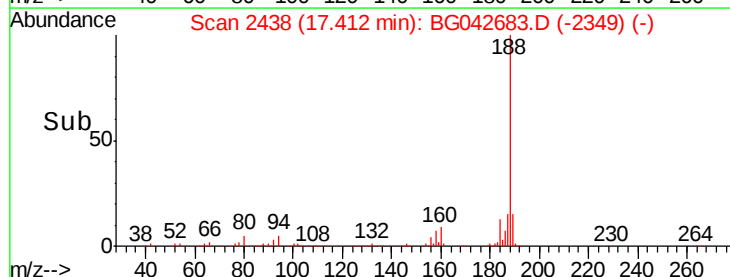
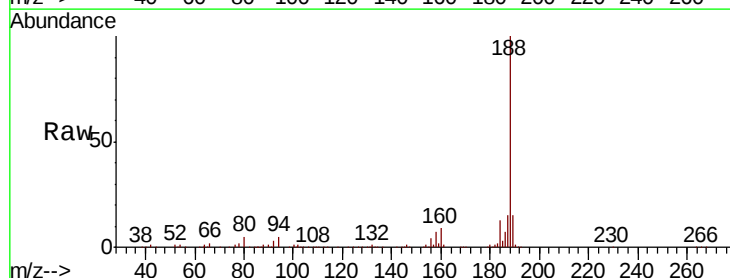
Tgt Ion: 188 Resp: 305962

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

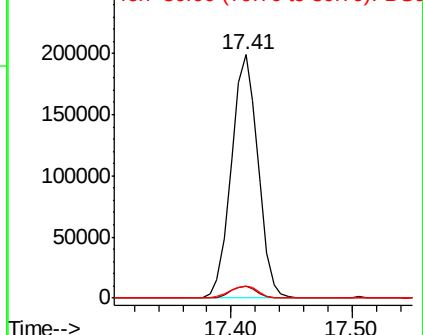
80 4.8 4.9 7.3#

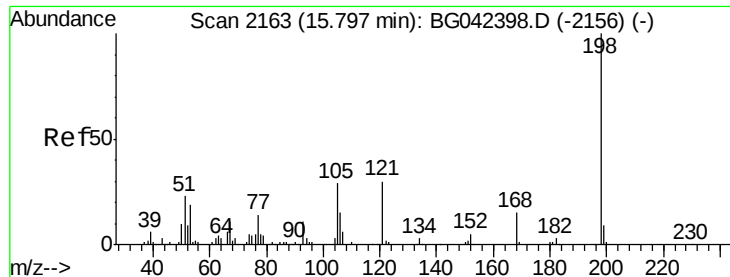


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 32.892 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

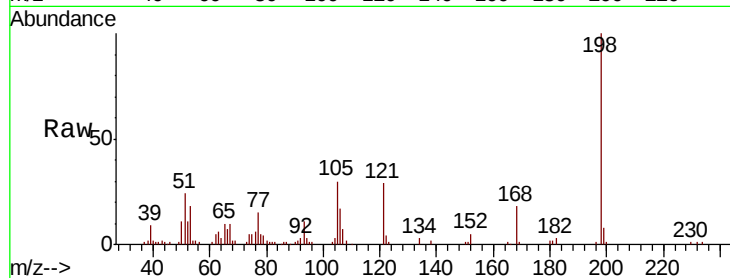
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 63095

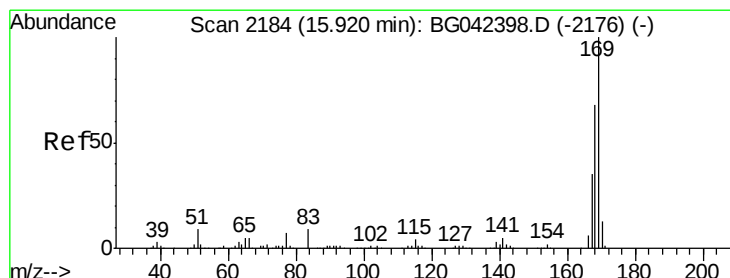
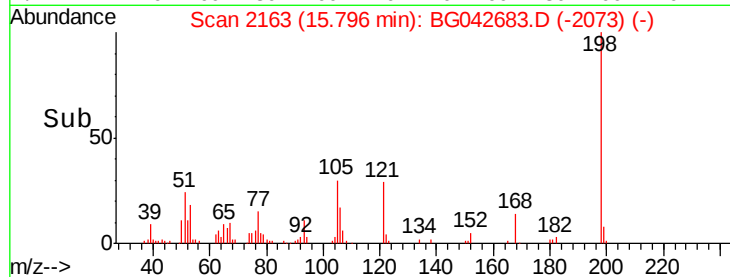
Ion	Ratio	Lower	Upper
198	100		
51	24.1	4.2	44.2
105	29.8	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.155 ng

RT: 15.91 min Scan# 2183

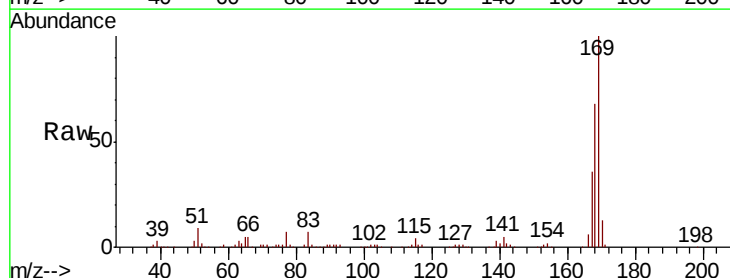
Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Tgt Ion:169 Resp: 337868

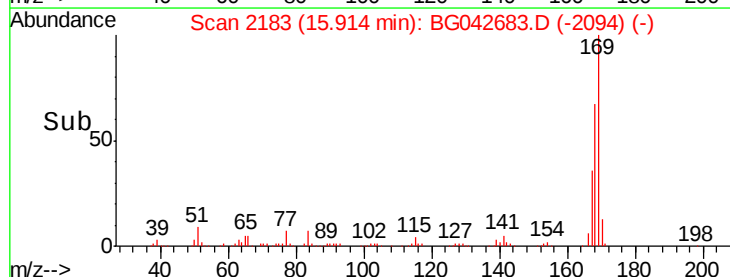
Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.3	81.5
167	35.8	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

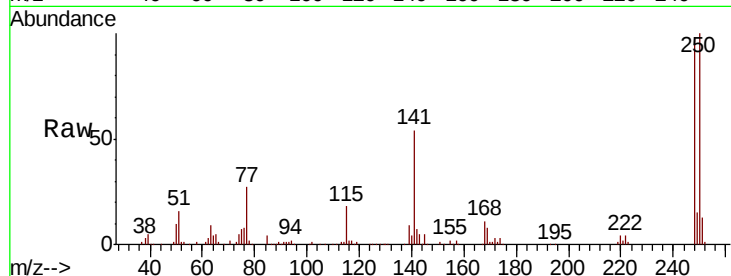




#67
 4-Bromophenyl-phenylether
 Concen: 40.781 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.7	78.9	118.3
141	55.0	43.3	64.9

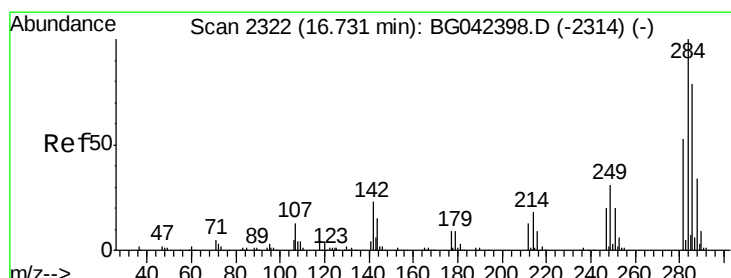
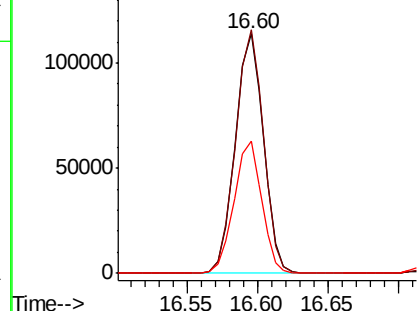
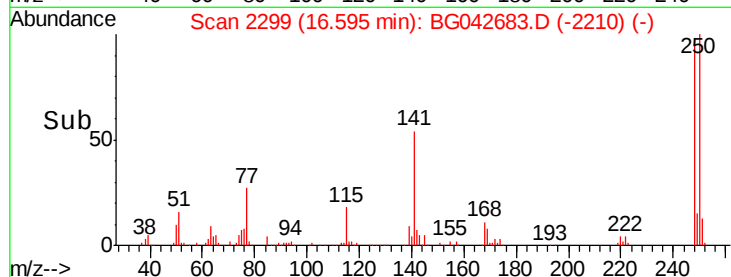


Abundance

Ion 248.00 (247.70 to 248.70): E

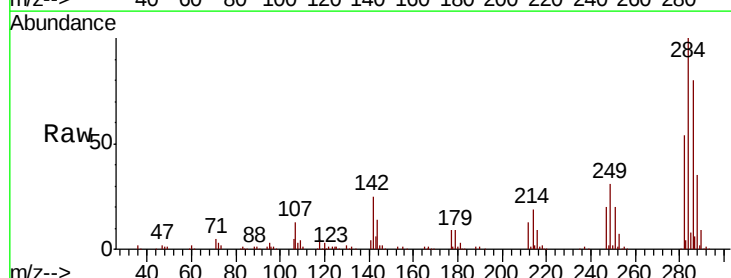
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.444 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	18.2	27.4
249	31.1	25.0	37.4

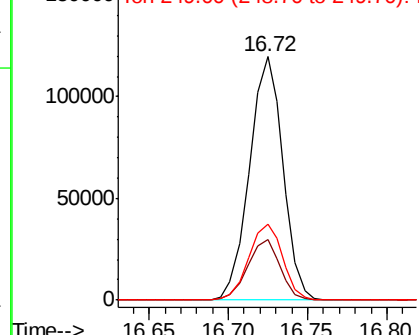
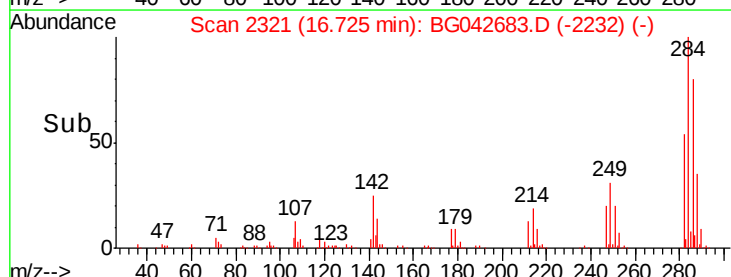


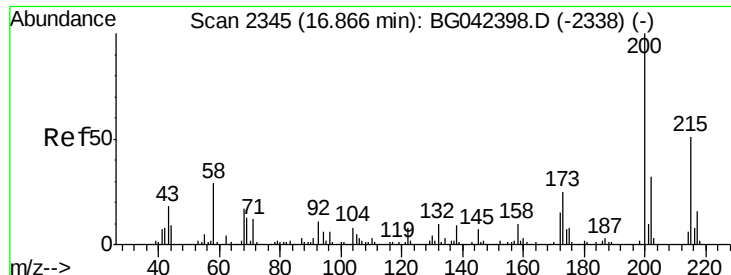
Abundance

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: 43.565 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

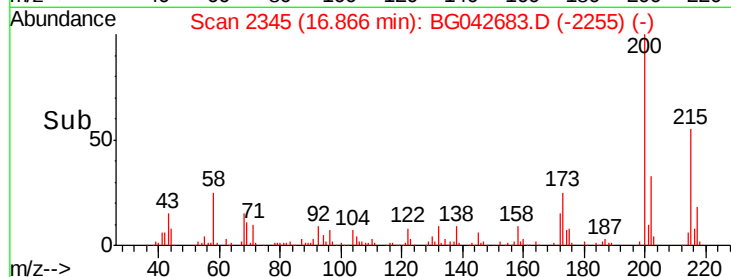
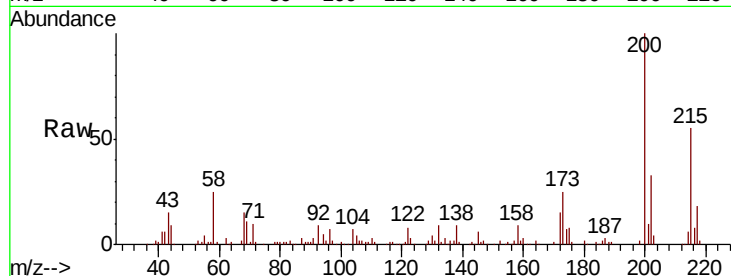
Tot Ion:200 Resp: 129629

Ion Ratio Lower Upper

200 100

173 25.1 4.9 44.9

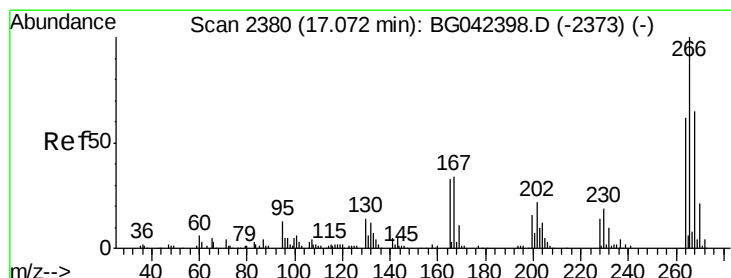
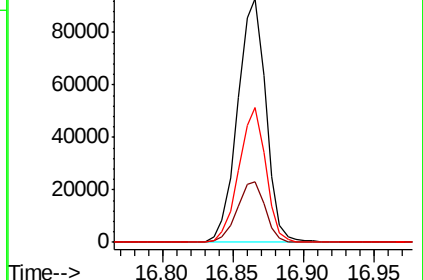
215 55.3 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.746 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

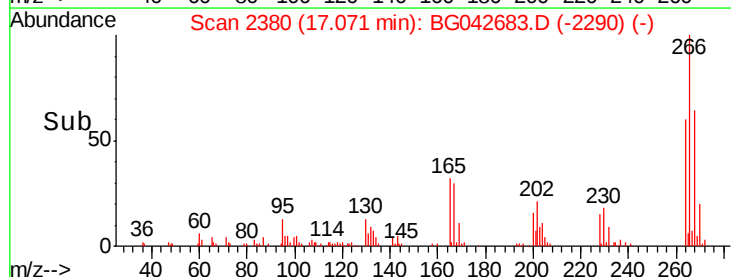
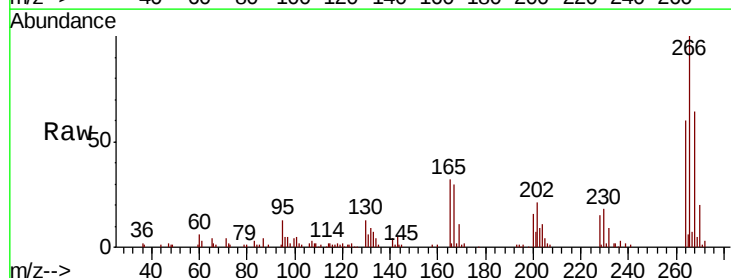
Tgt Ion:266 Resp: 76166

Ion Ratio Lower Upper

266 100

268 64.2 52.1 78.1

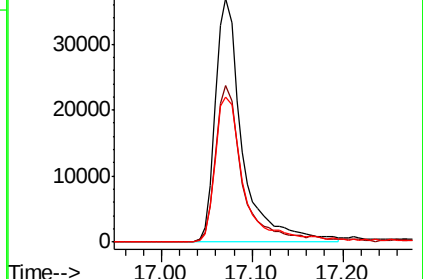
264 59.8 49.4 74.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

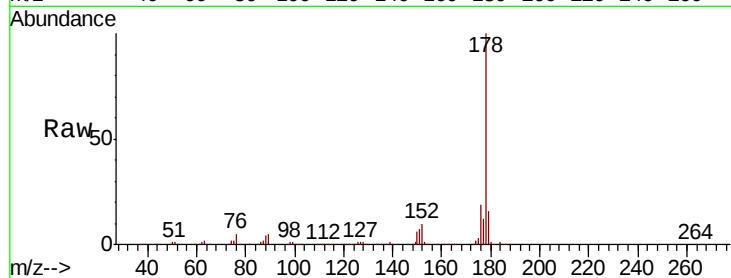




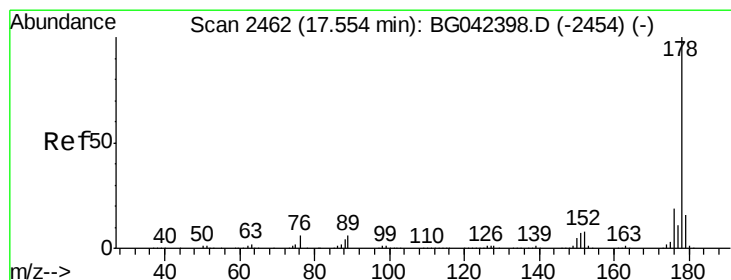
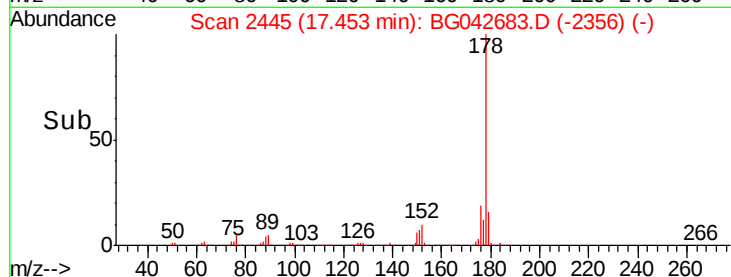
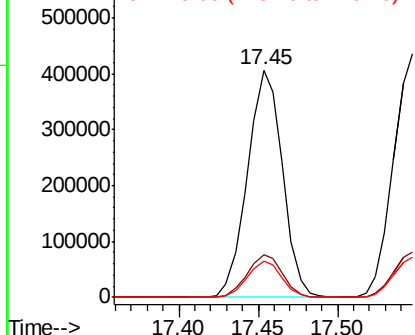
#71
Phenanthrene
Concen: 41.047 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 623817
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 16.2 12.7 19.1

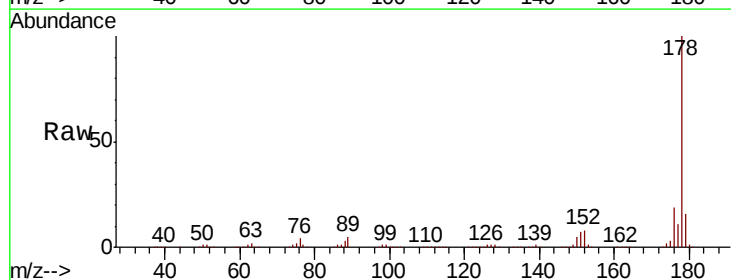


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

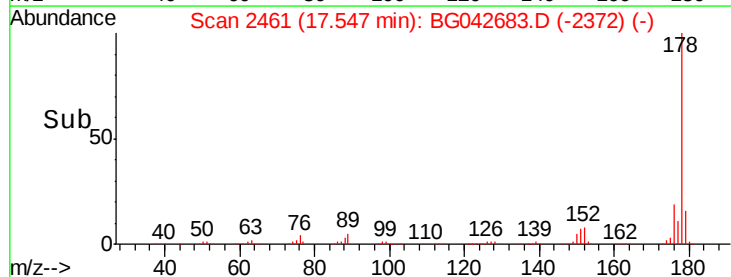
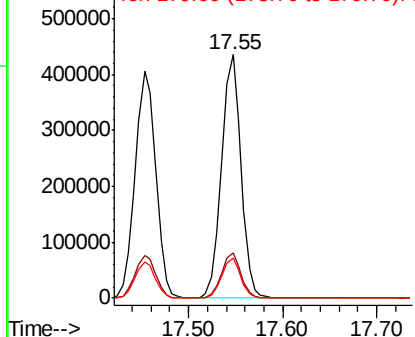


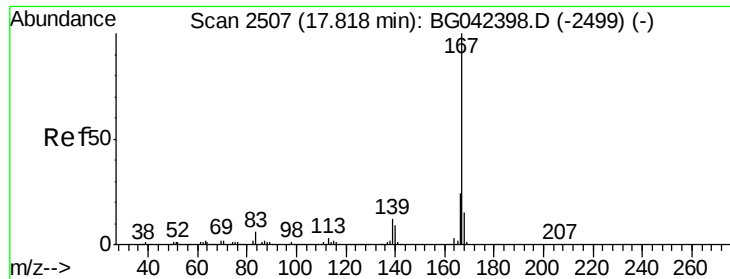
#72
Anthracene
Concen: 41.365 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:178 Resp: 627584
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 16.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

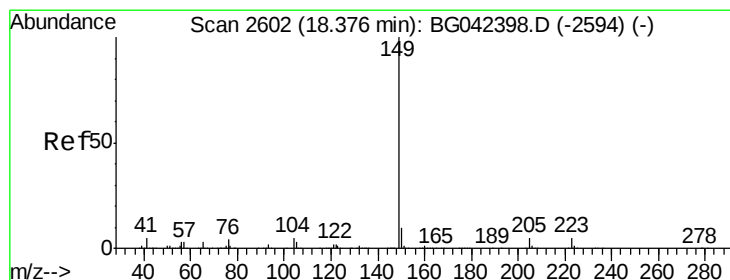
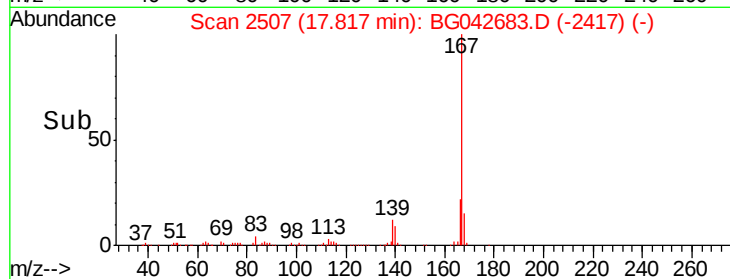
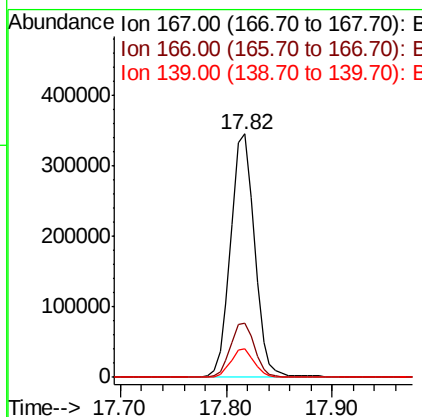
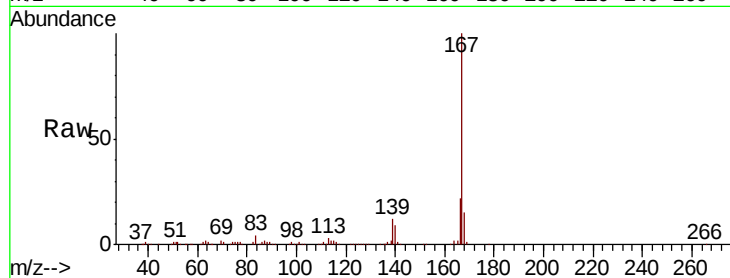




#73
 Carbazole
 Concen: 40.016 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

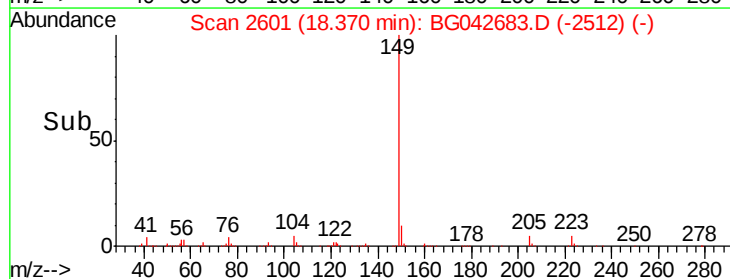
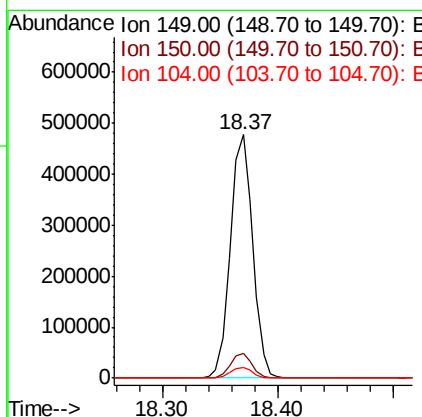
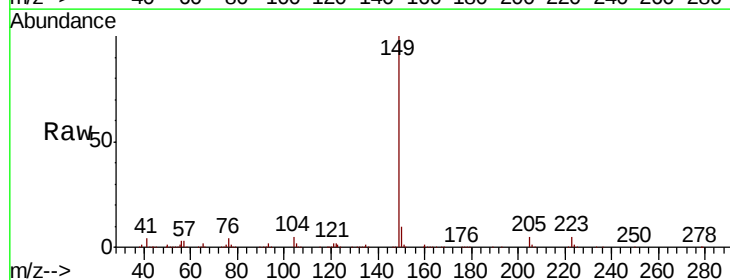
Instrument :
 BNA_G
 ClientSampleId :

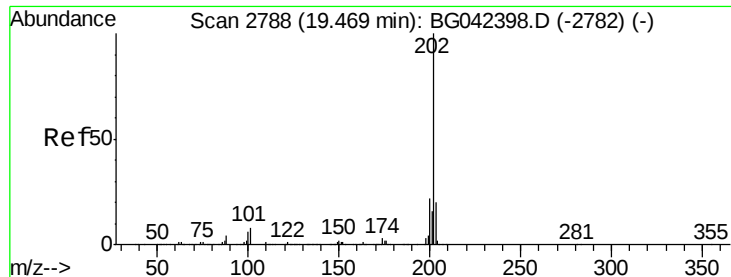
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.9	28.3
139	11.8	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 39.898 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 42.421 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

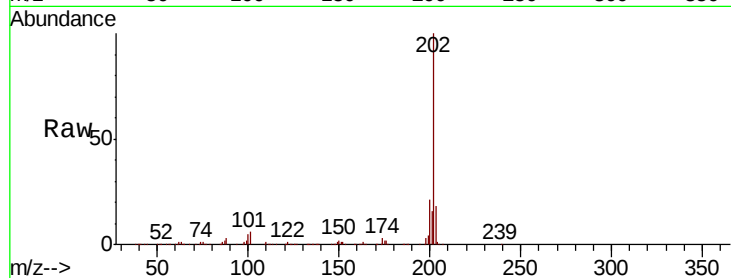
Tot Ion:202 Resp: 786814

Ion Ratio Lower Upper

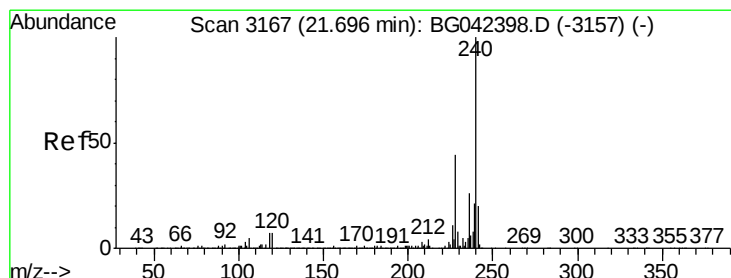
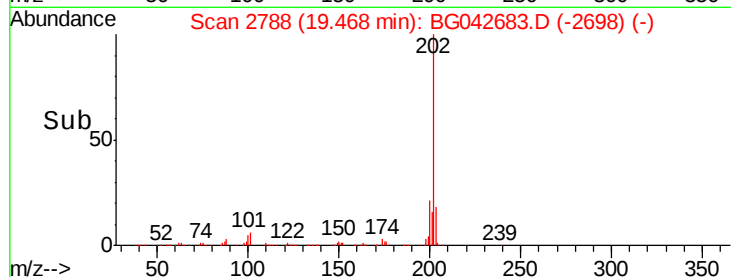
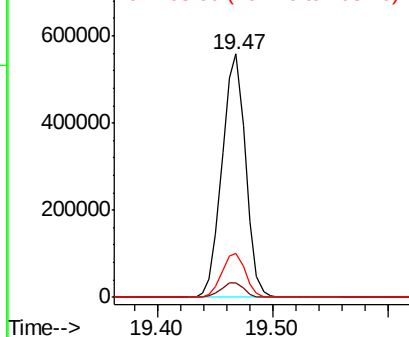
202 100

101 5.9 0.0 28.3

203 18.2 0.0 39.6



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

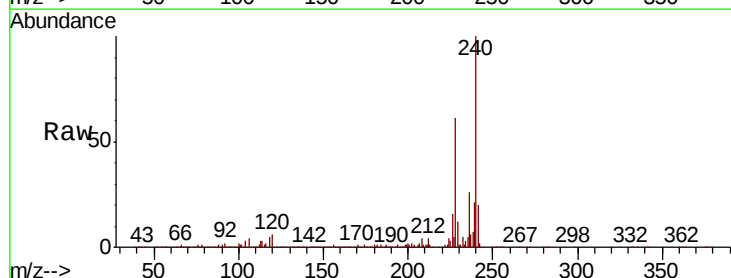
Tgt Ion:240 Resp: 322325

Ion Ratio Lower Upper

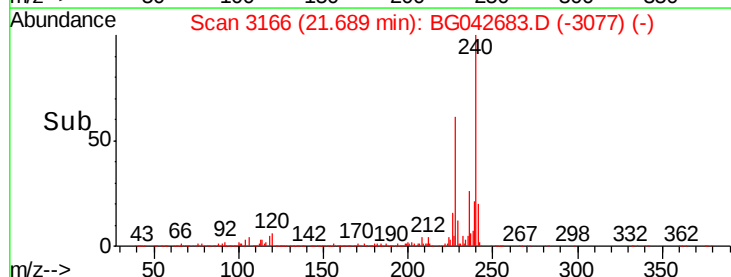
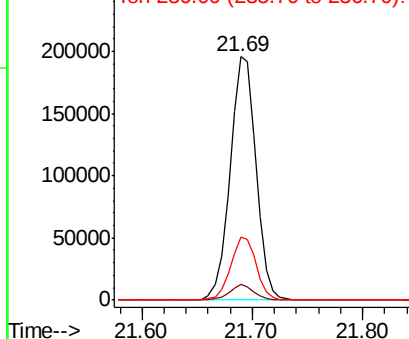
240 100

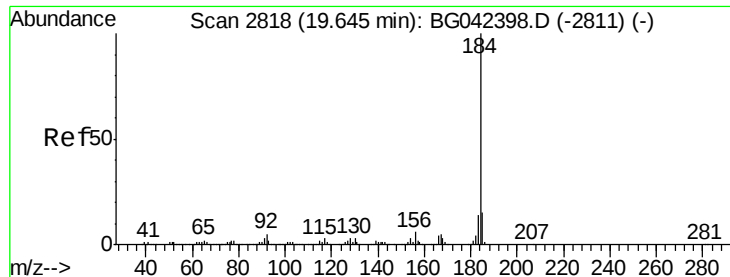
120 6.2 5.7 8.5

236 25.9 21.0 31.4



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: 52.791 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

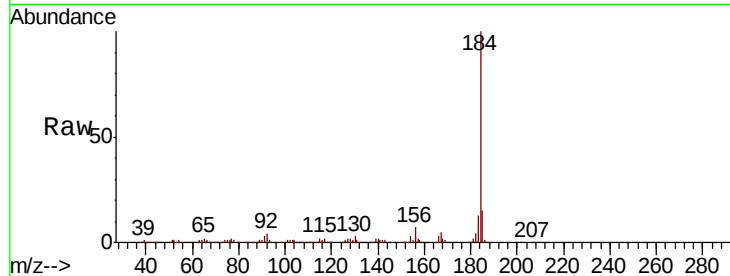
Tot Ion:184 Resp: 487856

Ion Ratio Lower Upper

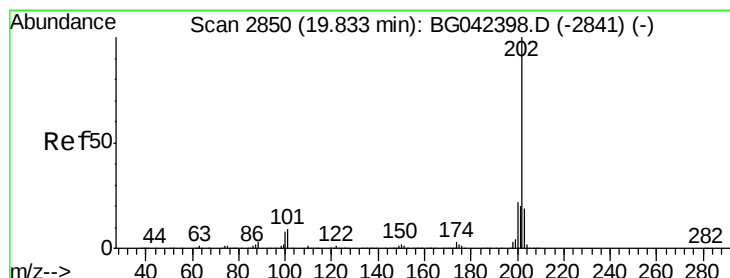
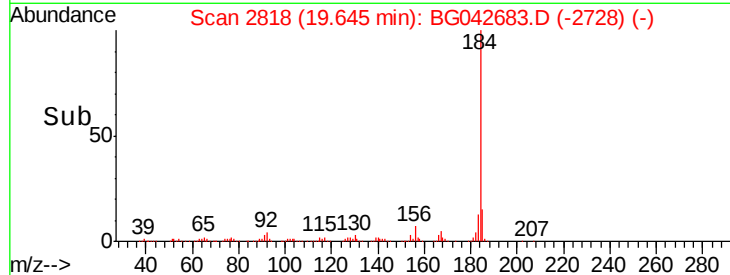
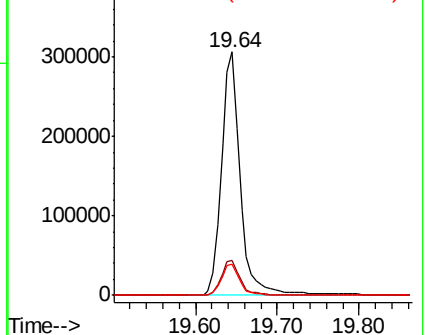
184 100

185 14.5 12.2 18.4

183 13.0 10.8 16.2



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: 39.833 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

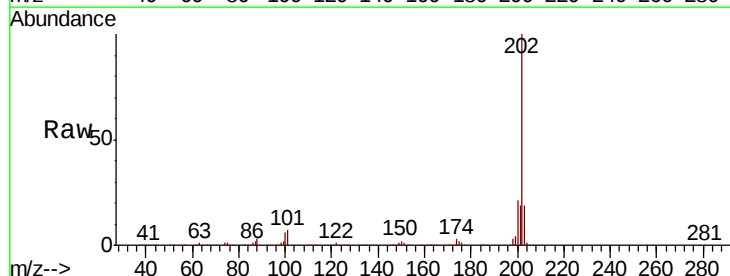
Tgt Ion:202 Resp: 787161

Ion Ratio Lower Upper

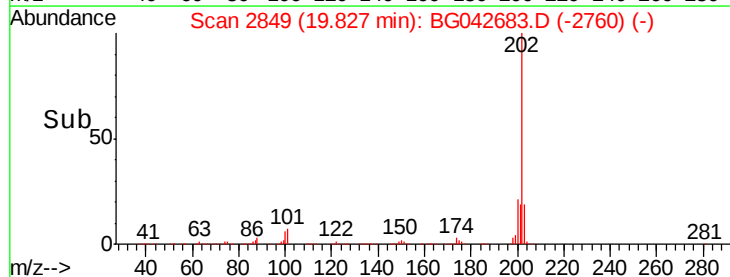
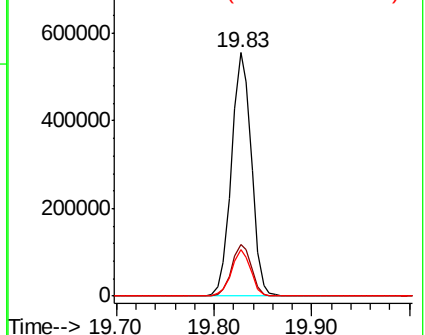
202 100

200 21.4 17.8 26.6

203 18.9 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.788 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

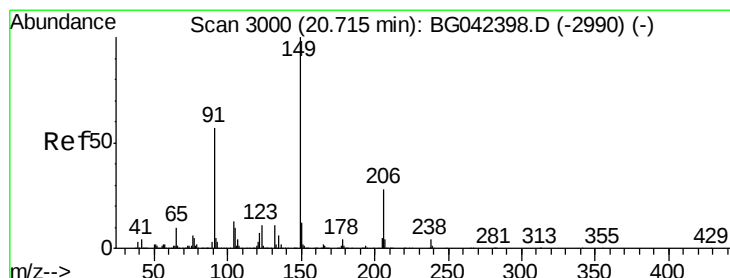
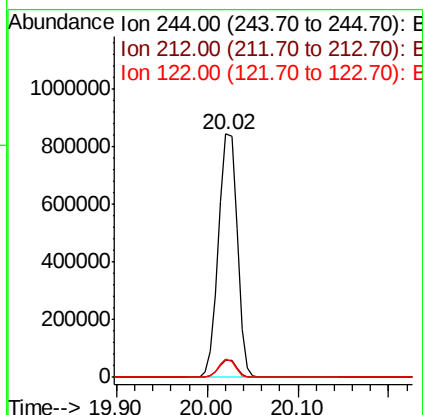
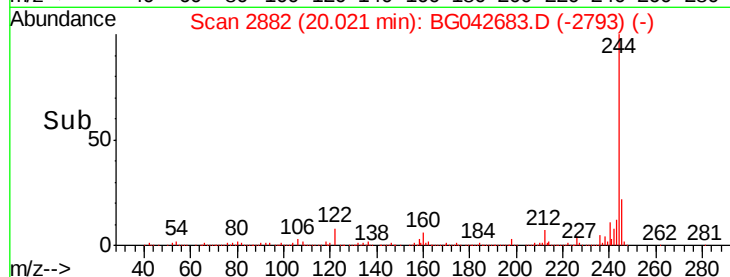
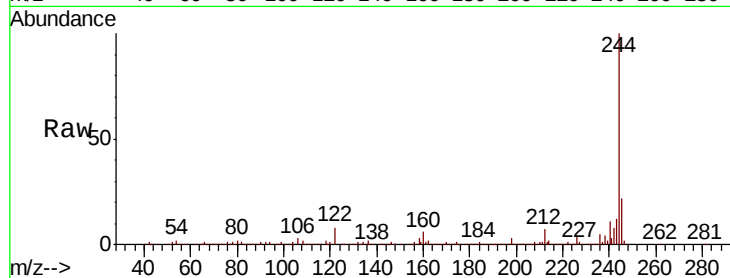
Tot Ion:244 Resp: 1204480

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.6 6.7 10.1



#80

Butylbenzylphthalate

Concen: 38.617 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

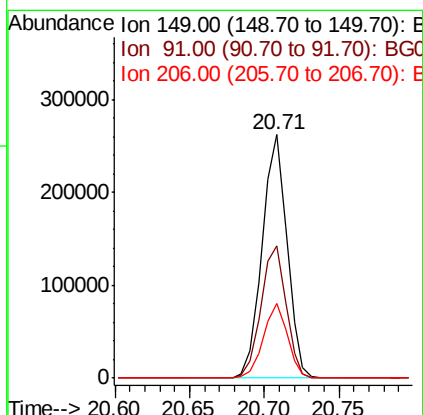
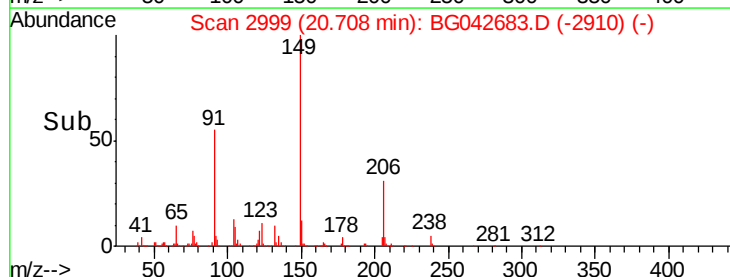
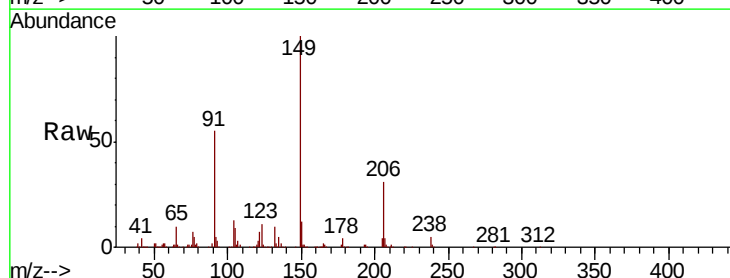
Tgt Ion:149 Resp: 300154

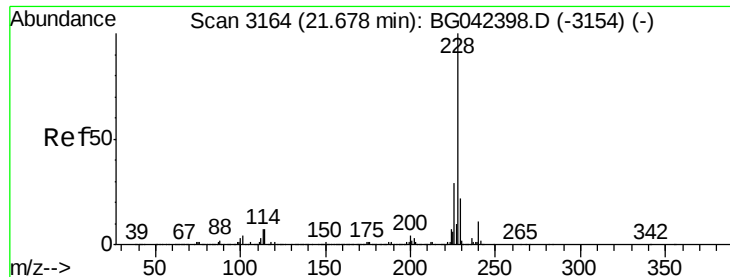
Ion Ratio Lower Upper

149 100

91 54.5 45.9 68.9

206 30.6 22.5 33.7





#81

Benzo(a)anthracene

Concen: 41.672 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

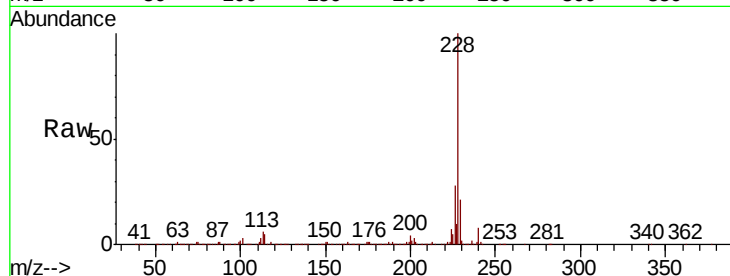
Tot Ion:228 Resp: 817091

Ion Ratio Lower Upper

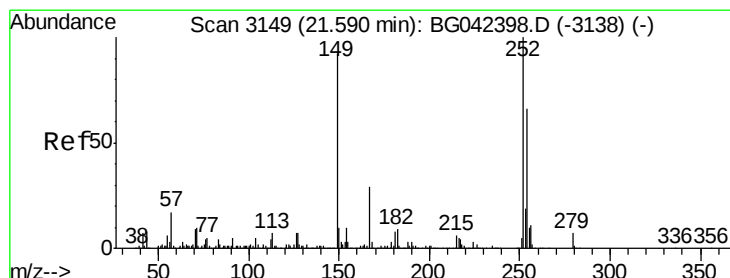
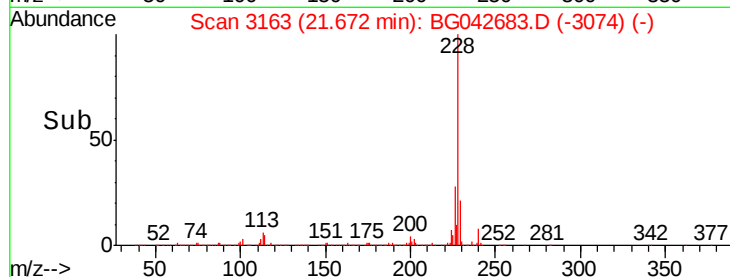
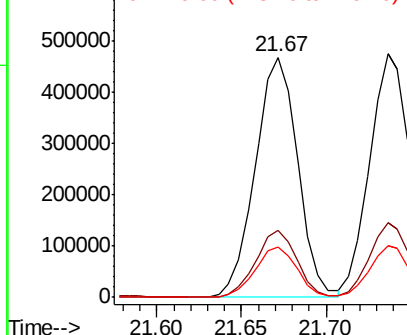
228 100

226 27.7 23.4 35.2

229 20.9 17.4 26.2



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



#82

3,3'-Dichlorobenzidine

Concen: 40.907 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

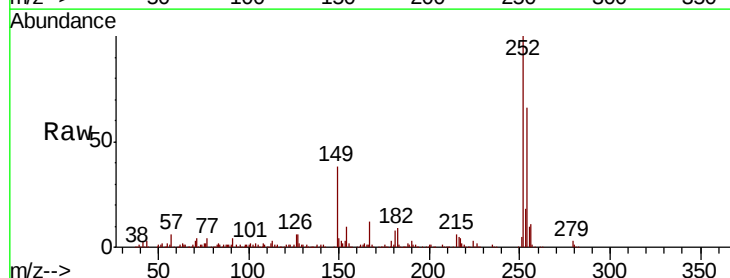
Tgt Ion:252 Resp: 322589

Ion Ratio Lower Upper

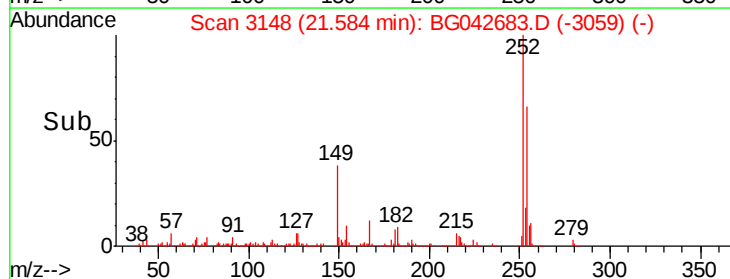
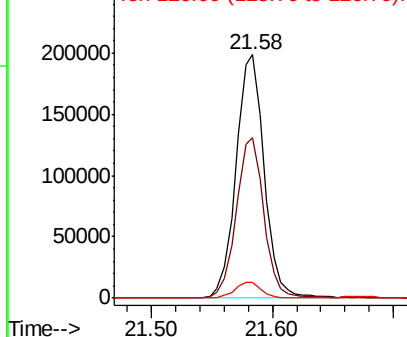
252 100

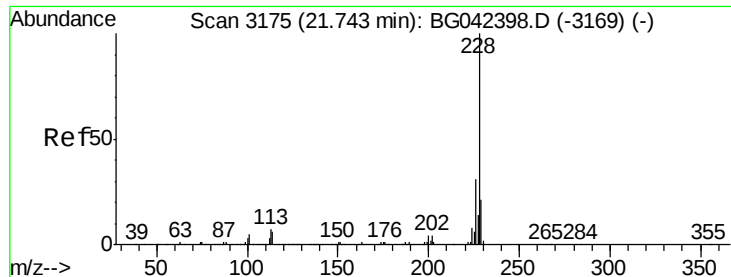
254 65.8 53.0 79.4

126 6.4 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

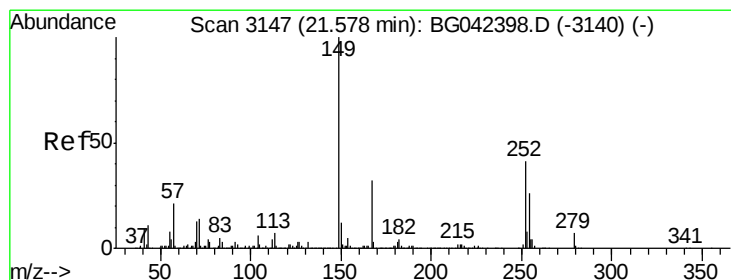
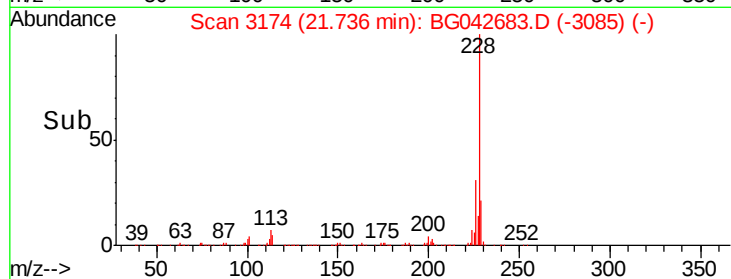
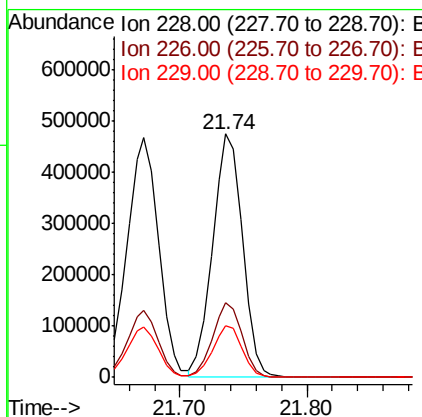
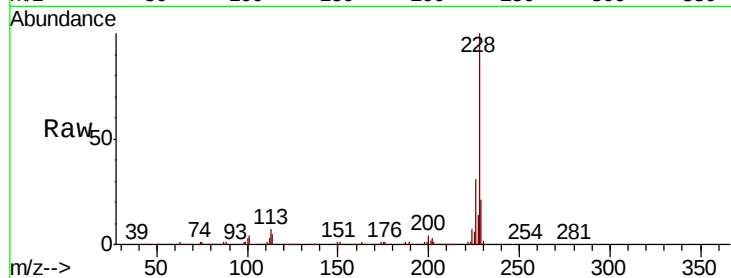




#83
 Chrysene
 Concen: 41.247 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

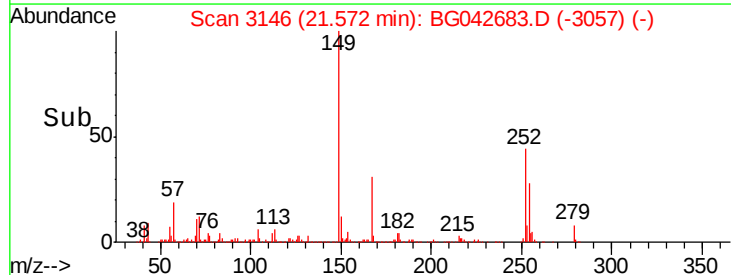
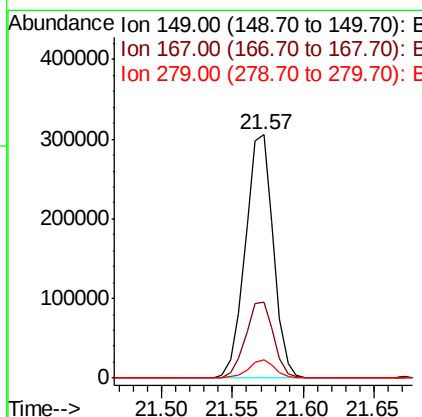
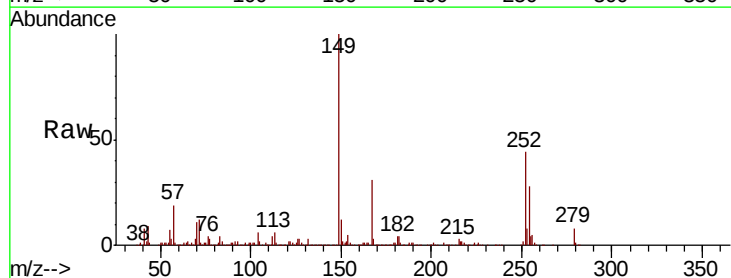
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.1	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.283 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042683.D
 Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	26.0	39.0
279	7.6	5.4	8.0

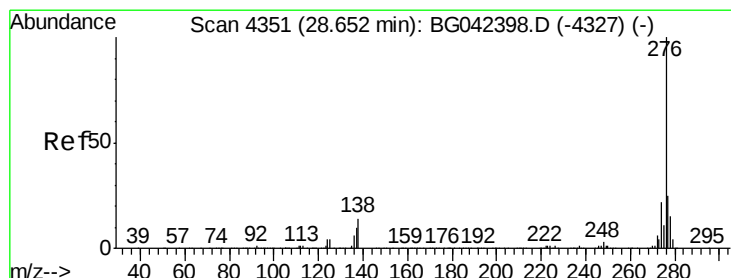
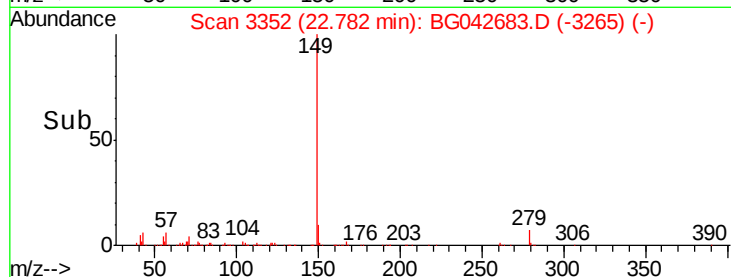
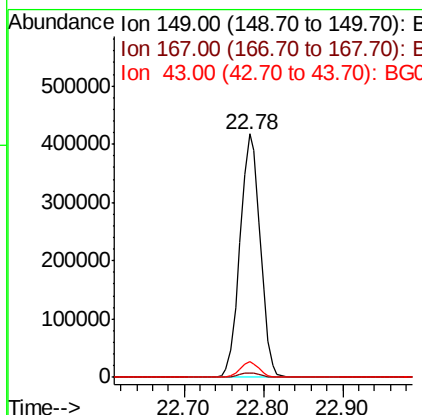
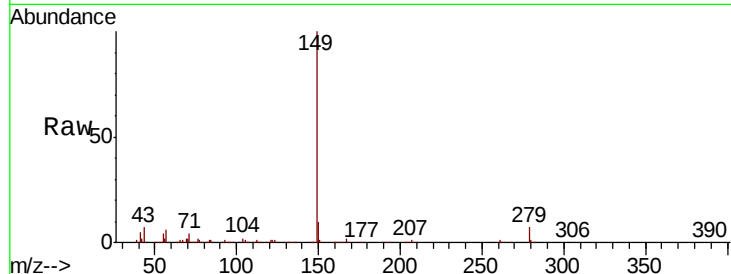




#85
Di-n-octyl phthalate
Concen: 39.618 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

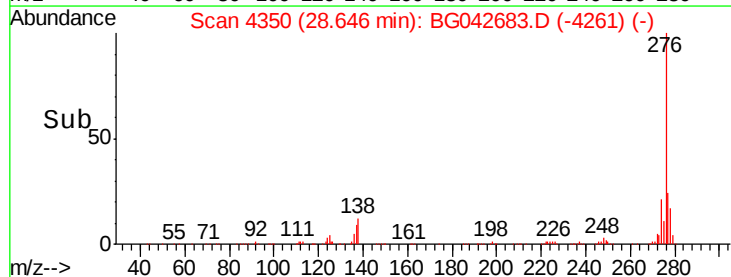
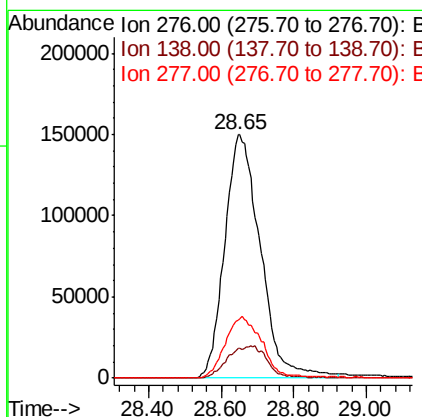
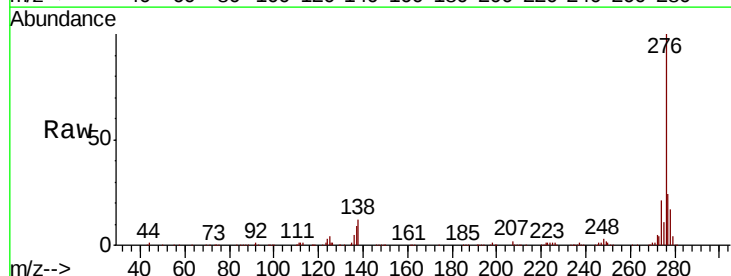
Instrument :
BNA_G
ClientSampleId :

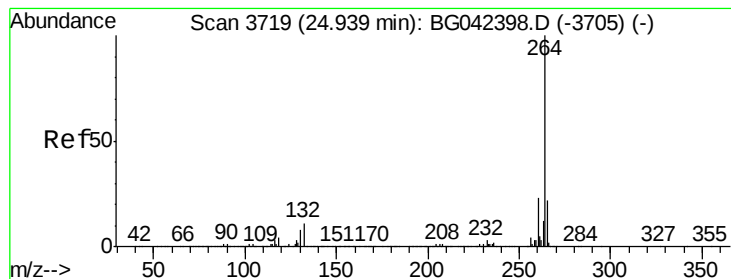
Tot Ion:149 Resp: 735356
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 6.2 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.874 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion:276 Resp: 1024682
Ion Ratio Lower Upper
276 100
138 0.0 9.2 13.8#
277 25.7 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

Instrument :

BNA_G

ClientSampleId :

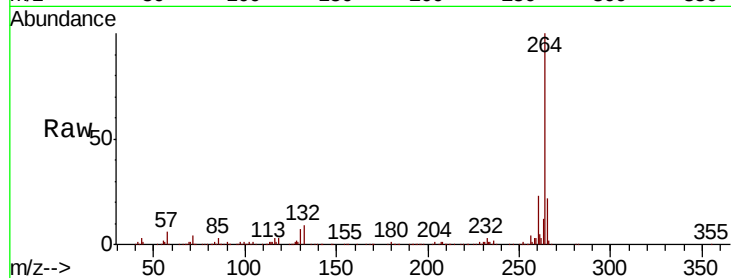
Tot Ion:264 Resp: 395275

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

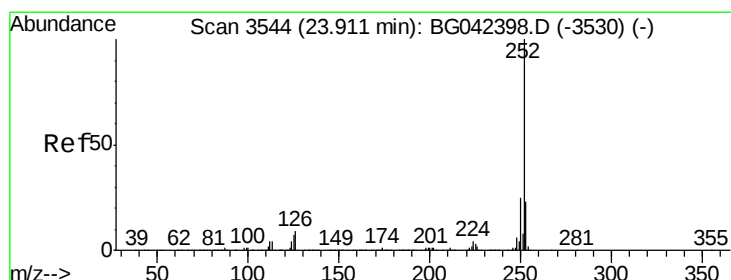
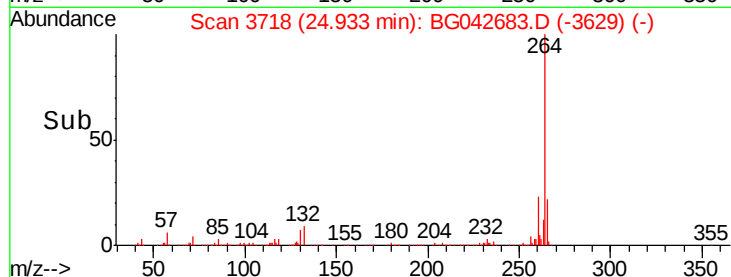
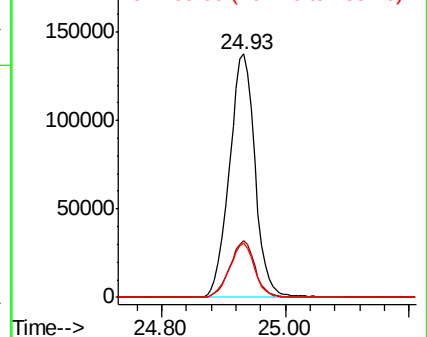
265 22.4 17.6 26.4



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: 38.607 ng

RT: 23.97 min Scan# 3555

Delta R.T. 0.06 min

Lab File: BG042683.D

Acq: 3 Sep 2019 11:25

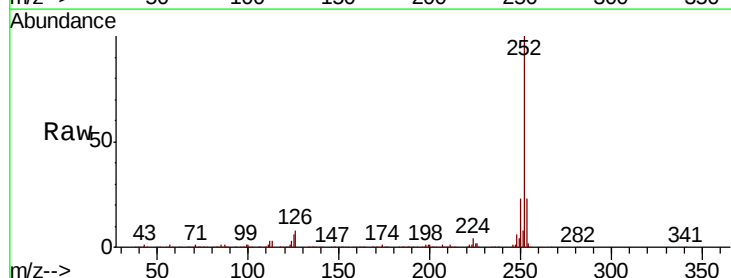
Tgt Ion:252 Resp: 838956

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

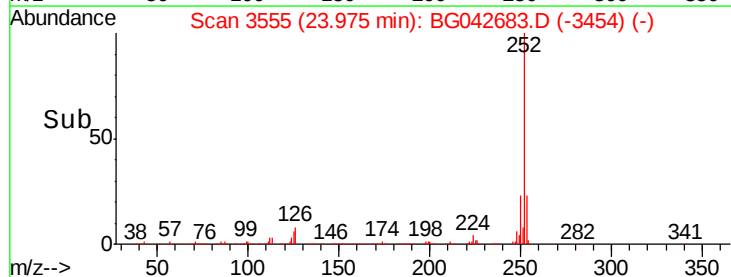
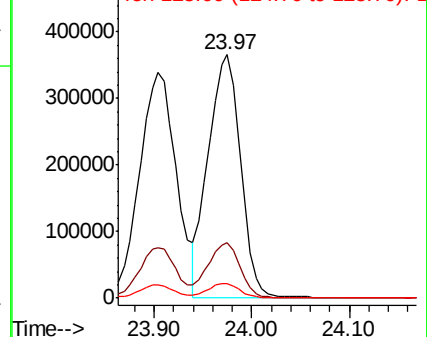
125 6.1 5.6 8.4

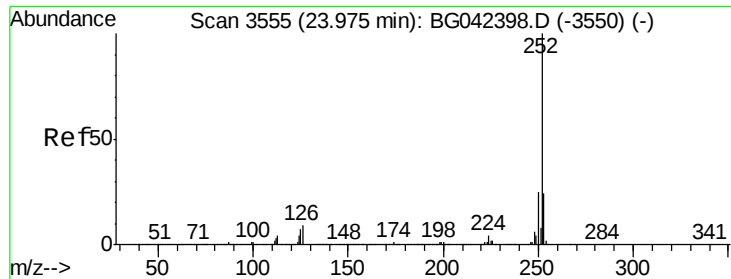


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

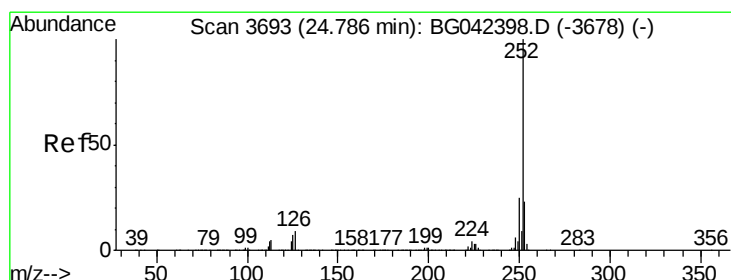
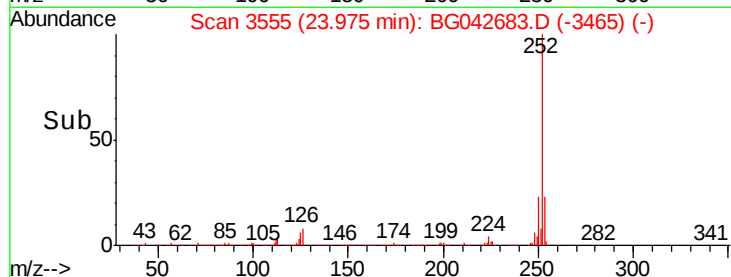
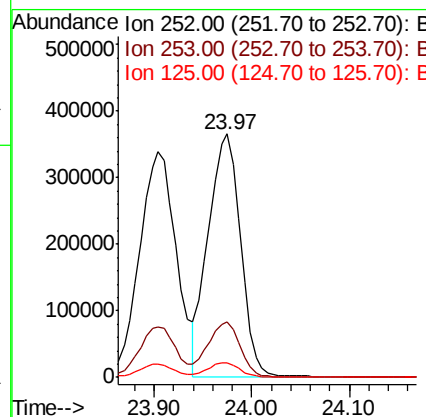
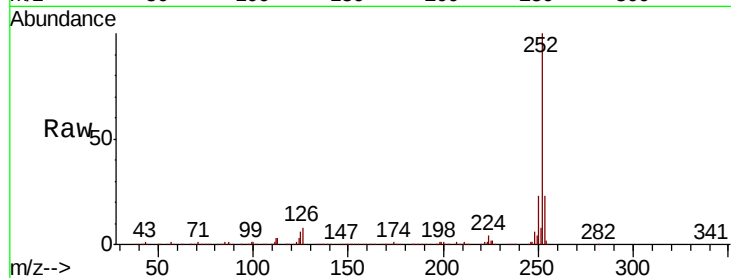




#89
Benzo(k)fluoranthene
Concen: 40.165 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

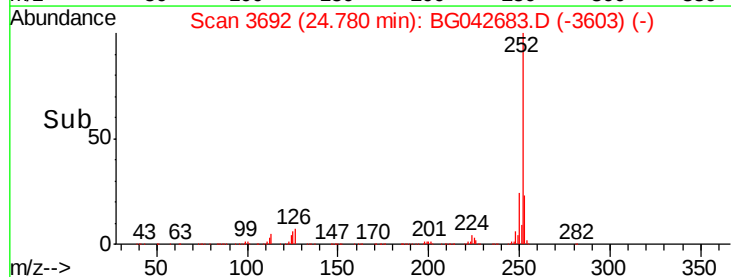
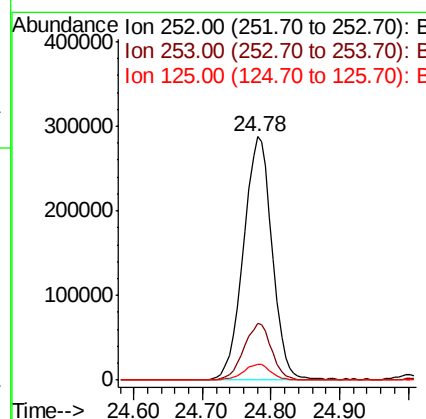
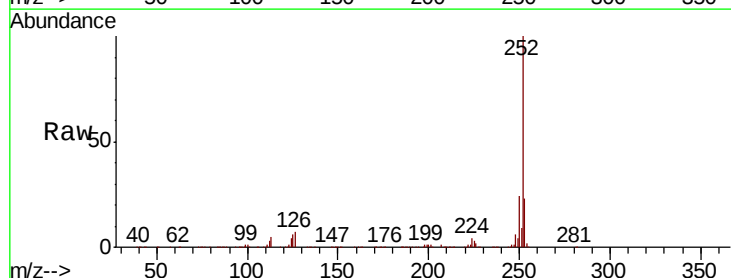
Instrument :
BNA_G
ClientSampled :

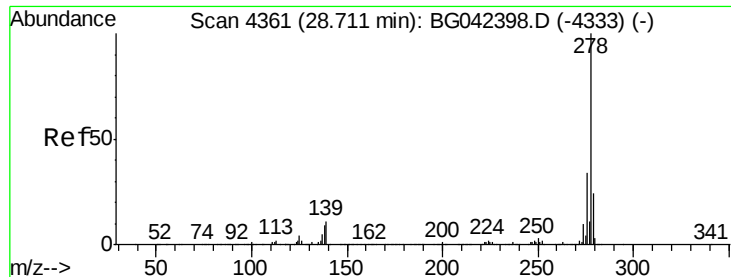
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	6.1	5.8	8.6



#90
Benzo(a)pyrene
Concen: 40.519 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.5	6.0	9.0

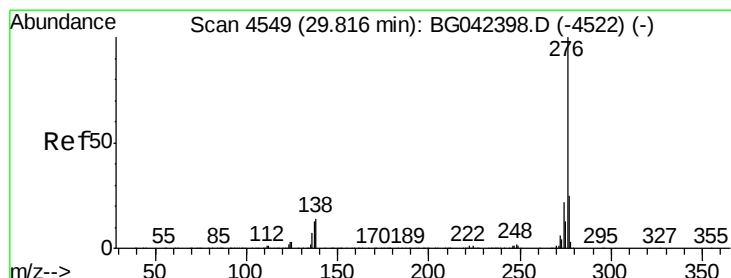
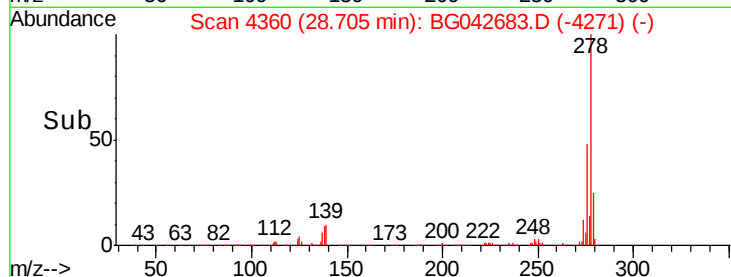
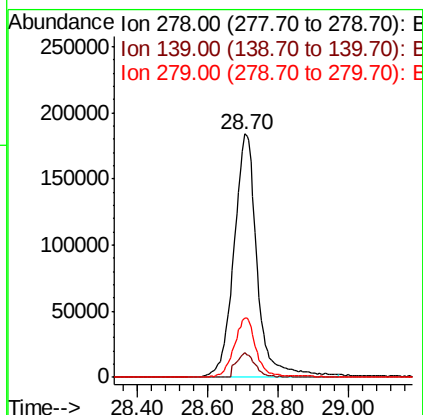
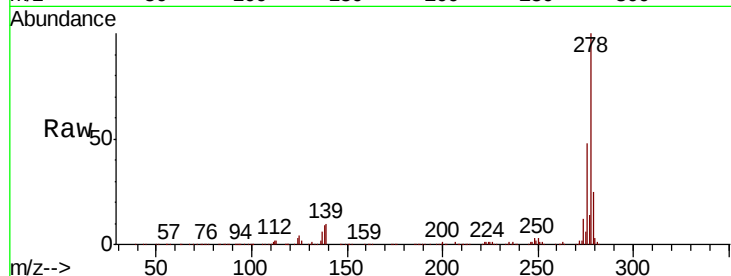




#91
Dibenzo(a,h)anthracene
Concen: 40.656 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	8.8	13.2
279	24.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.176 ng
RT: 29.82 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042683.D
Acq: 3 Sep 2019 11:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	12.3	11.4	17.0

