

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042685.D
 Acq On : 3 Sep 2019 12:44
 Operator : HP/JU
 Sample : PB122722BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:03:57 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	28594	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	113061	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	87667	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	213891	20.00	ng	0.00
76) Chrysene-d12	21.69	240	231035	20.00	ng	0.00
87) Perylene-d12	24.93	264	274005	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	172838	122.42	ng	0.00
7) Phenol-d6	7.16	99	209706	109.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	111756	68.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	154606	124.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	383311	73.95	ng	0.00
79) Terphenyl-d14	20.02	244	793587	74.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	22425	38.061	ng	99
3) Pyridine	3.82	79	50854	33.660	ng	98
4) n-Nitrosodimethylamine	3.73	42	23507	43.563	ng	97
6) Aniline	7.31	93	72593	28.539	ng	99
8) 2-Chlorophenol	7.56	128	78152	45.675	ng	95
9) Benzaldehyde	7.12	77	40522	42.442	ng	98
10) Phenol	7.19	94	83665	43.148	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	59626	39.155	ng	92
12) 1,3-Dichlorobenzene	7.89	146	91586	42.076	ng	98
13) 1,4-Dichlorobenzene	8.03	146	94500	42.861	ng	98
14) 1,2-Dichlorobenzene	8.35	146	88652	41.986	ng	98
15) Benzyl Alcohol	8.24	79	55381	40.364	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74169	35.934	ng	98
17) 2-Methylphenol	8.45	107	61146	42.814	ng	96
18) Hexachloroethane	9.09	117	30624	40.572	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	46304	37.477	ng	99
20) 3+4-Methylphenols	8.78	107	80537	40.752	ng	98
22) Acetophenone	8.82	105	105875	43.783	ng	# 98
24) Nitrobenzene	9.21	77	71079	42.902	ng	97
25) Isophorone	9.73	82	127193	39.392	ng	98
26) 2-Nitrophenol	9.93	139	46433	44.722	ng	95
27) 2,4-Dimethylphenol	9.98	122	71848	50.237	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	80166	39.392	ng	98
29) 2,4-Dichlorophenol	10.47	162	87861	46.955	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	102627	44.683	ng	99
31) Naphthalene	10.87	128	233248	44.436	ng	99
32) Benzoic acid	10.15	122	26192	29.109	ng	99
33) 4-Chloroaniline	10.98	127	65445	27.008	ng	98
34) Hexachlorobutadiene	11.15	225	69954	45.319	ng	99
35) Caprolactam	11.75	113	16917	27.094	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	80062	45.072	ng	99
37) 2-Methylnaphthalene	12.48	142	188526	44.729	ng	98
38) 1-Methylnaphthalene	12.70	142	176683	44.132	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	132735	47.148	ng	99

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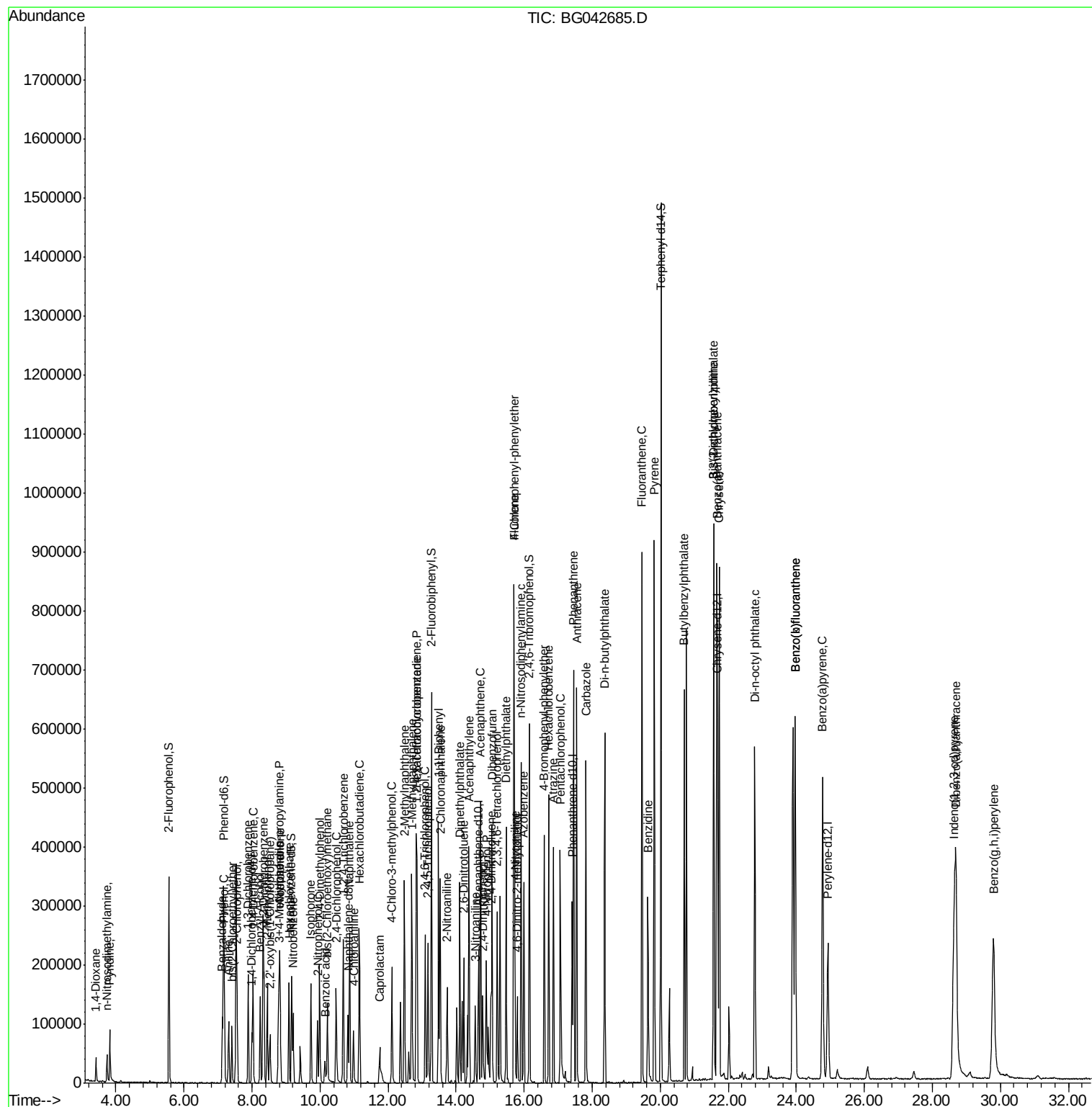
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	120622	81.565	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	82475	43.340	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	89665	45.469	ng	98
46) 1,1'-Biphenyl	13.49	154	252617	44.578	ng	96
47) 2-Chloronaphthalene	13.53	162	206056	42.170	ng	99
48) 2-Nitroaniline	13.73	65	44862	38.073	ng	98
49) Acenaphthylene	14.38	152	330021	44.893	ng	99
50) Dimethylphthalate	14.11	163	259092	40.960	ng	100
51) 2,6-Dinitrotoluene	14.23	165	64036	43.675	ng	98
52) Acenaphthene	14.72	154	190714	42.724	ng	98
53) 3-Nitroaniline	14.56	138	45370	30.941	ng	98
54) 2,4-Dinitrophenol	14.78	184	59341	61.602	ng	100
55) Dibenzofuran	15.06	168	333891	45.188	ng	98
56) 4-Nitrophenol	14.88	139	85191	81.761	ng	95
57) 2,4-Dinitrotoluene	15.03	165	92387	44.003	ng	99
58) Fluorene	15.71	166	276147	45.719	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	85632	43.910	ng	98
60) Diethylphthalate	15.47	149	258500	41.805	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	162964	44.758	ng	97
62) 4-Nitroaniline	15.73	138	65031	41.438	ng	95
63) Azobenzene	15.99	77	173792	41.017	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	53609	39.977	ng	98
66) n-Nitrosodiphenylamine	15.91	169	254631	43.289	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	115498	42.571	ng	97
68) Hexachlorobenzene	16.72	284	125193	42.448	ng	99
69) Atrazine	16.86	200	96149	46.223	ng	95
70) Pentachlorophenol	17.07	266	120474	78.617	ng	97
71) Phenanthrene	17.45	178	475436	44.750	ng	100
72) Anthracene	17.55	178	489385	46.141	ng	98
73) Carbazole	17.81	167	424331	44.890	ng	98
74) Di-n-butylphthalate	18.37	149	478730	42.843	ng	99
75) Fluoranthene	19.46	202	625763	48.261	ng	97
77) Benzidine	19.64	184	248017	37.443	ng	99
78) Pyrene	19.83	202	633303	44.710	ng	98
80) Butylbenzylphthalate	20.71	149	224794	40.349	ng	97
81) Benzo(a)anthracene	21.67	228	626715	44.592	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	203036	35.920	ng	99
83) Chrysene	21.74	228	598771	44.176	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	320698	41.459	ng	98
85) Di-n-octyl phthalate	22.78	149	558622	41.988	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	781606	42.433	ng	# 96
88) Benzo(b)fluoranthene	23.97	252	669128	44.420	ng	98
89) Benzo(k)fluoranthene	23.97	252	669128	46.212	ng	98
90) Benzo(a)pyrene	24.77	252	673959	47.149	ng	# 97
91) Dibenzo(a,h)anthracene	28.70	278	654584	45.228	ng	97
92) Benzo(g,h,i)perylene	29.80	276	628985	43.453	ng	97

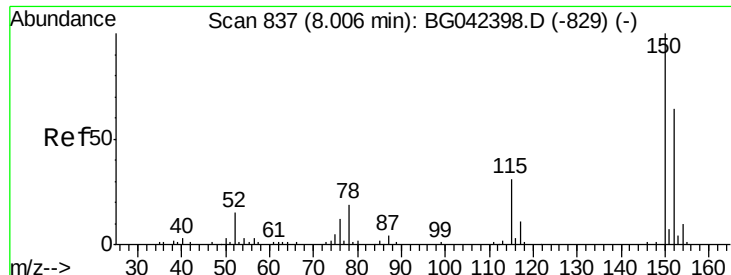
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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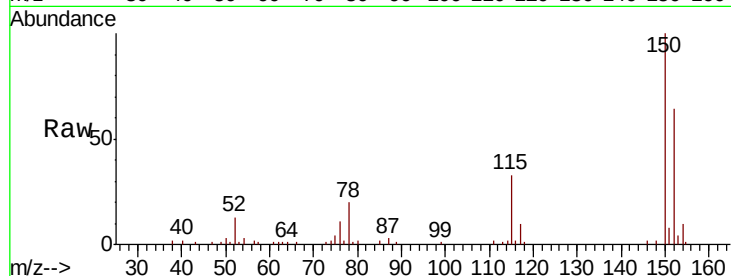


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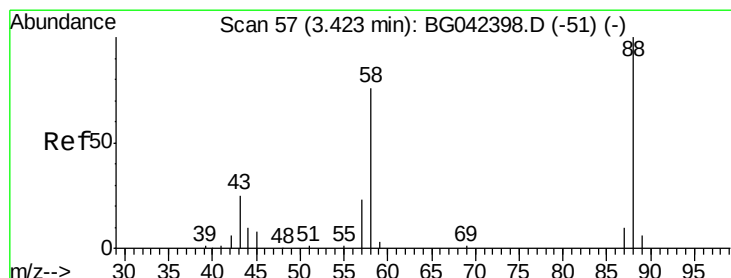
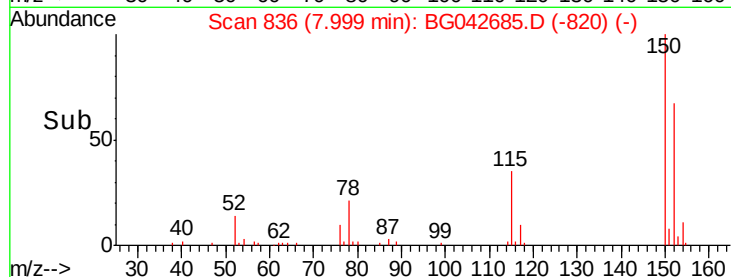
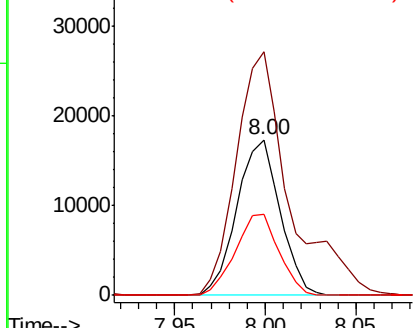
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28594
Ion Ratio Lower Upper
152 100
150 156.5 125.4 188.0
115 51.9 38.5 57.7



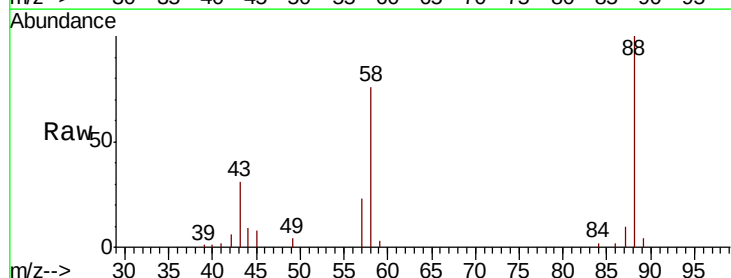
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



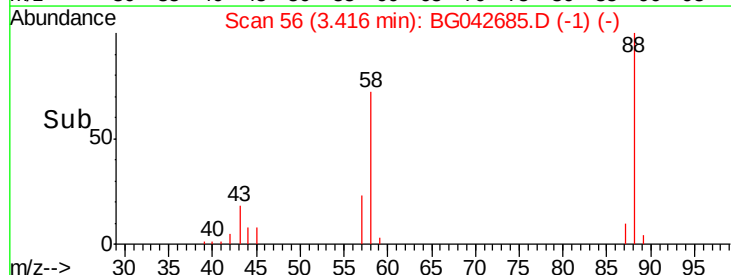
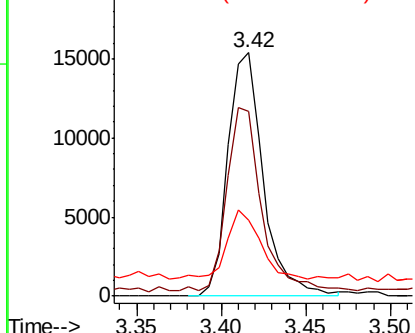
#2

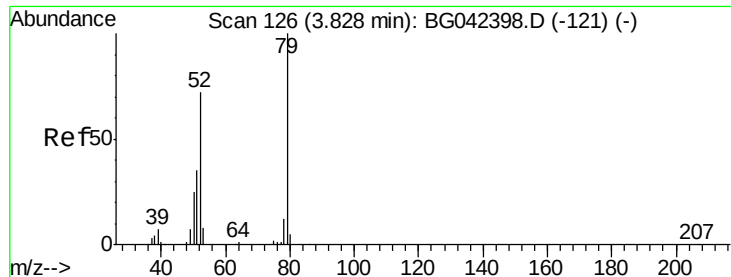
1,4-Dioxane
Concen: 38.061 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion: 88 Resp: 22425
Ion Ratio Lower Upper
88 100
58 73.1 58.3 87.5
43 26.4 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: 33.660 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

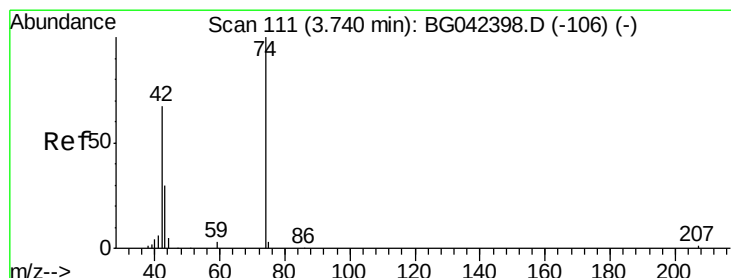
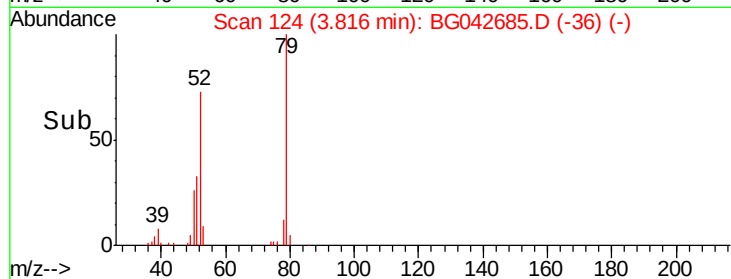
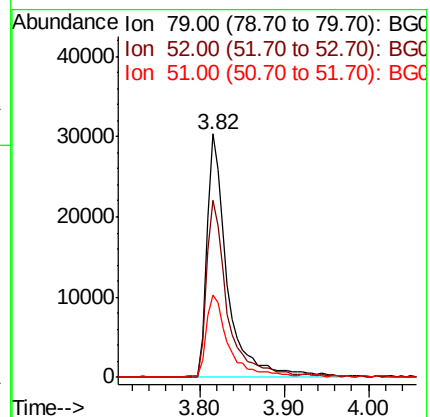
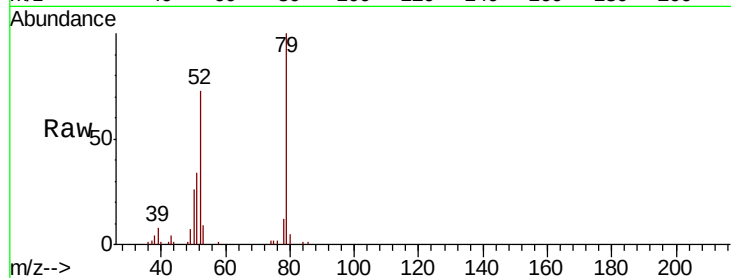
Tot Ion: 79 Resp: 50854

Ion Ratio Lower Upper

79 100

52 73.0 57.7 86.5

51 33.7 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 43.563 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

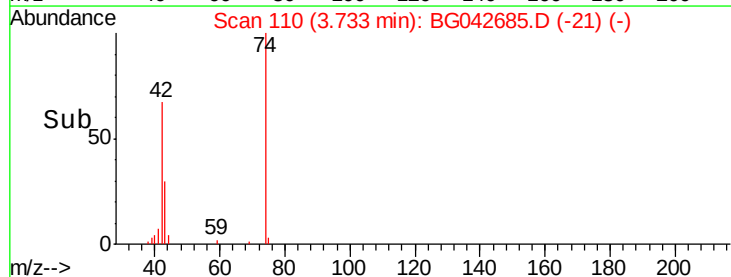
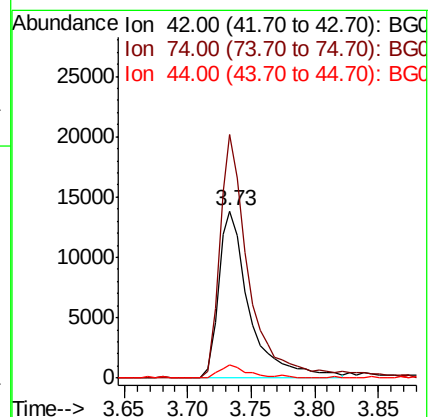
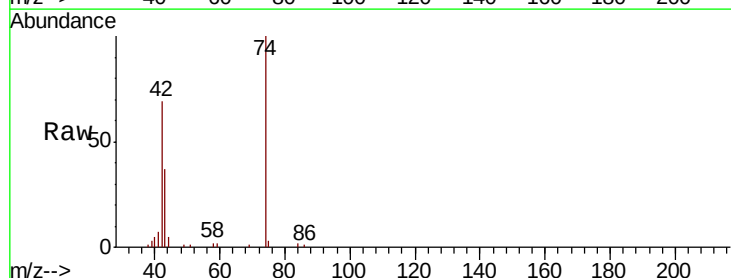
Tgt Ion: 42 Resp: 23507

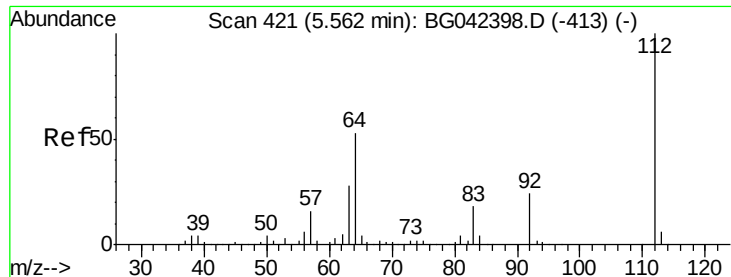
Ion Ratio Lower Upper

42 100

74 145.9 119.6 179.4

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 122.420 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

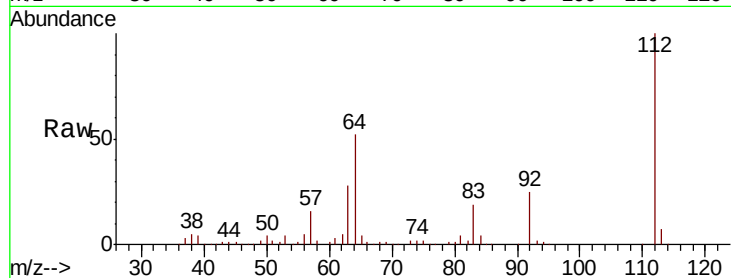
Tot Ion:112 Resp: 172838

Ion Ratio Lower Upper

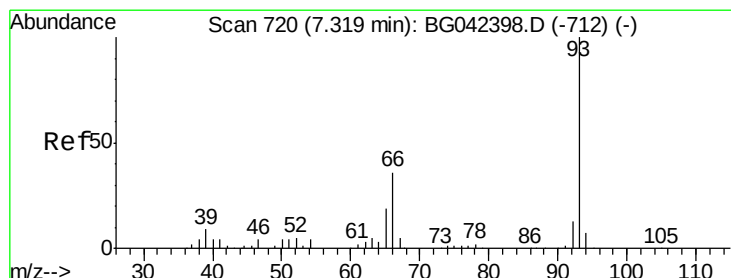
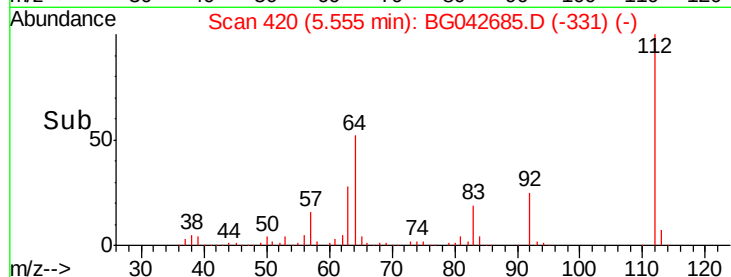
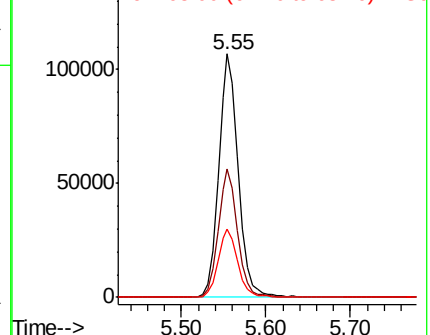
112 100

64 52.5 42.8 64.2

63 27.8 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: 28.539 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

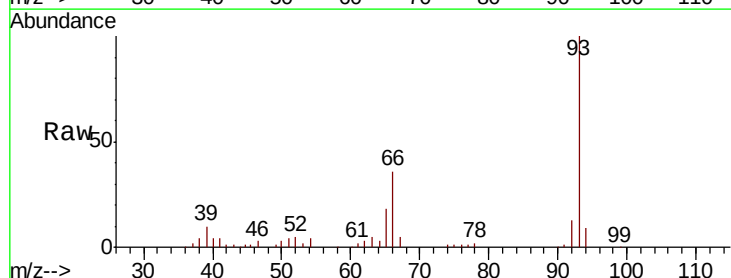
Tgt Ion: 93 Resp: 72593

Ion Ratio Lower Upper

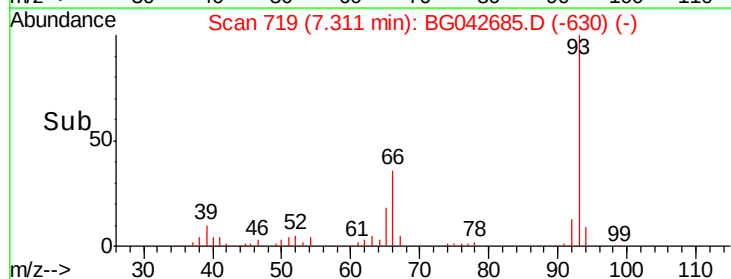
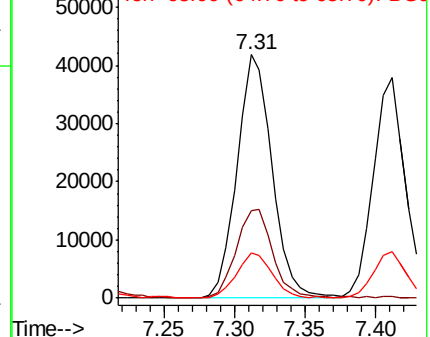
93 100

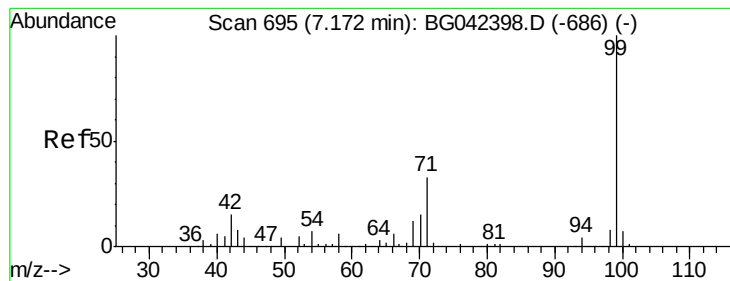
66 36.1 29.0 43.6

65 18.4 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: 109.962 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

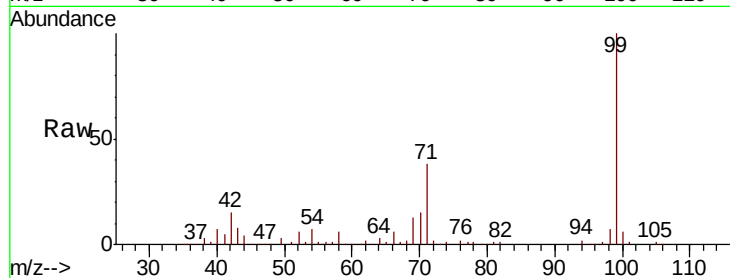
Tot Ion: 99 Resp: 209706

Ion Ratio Lower Upper

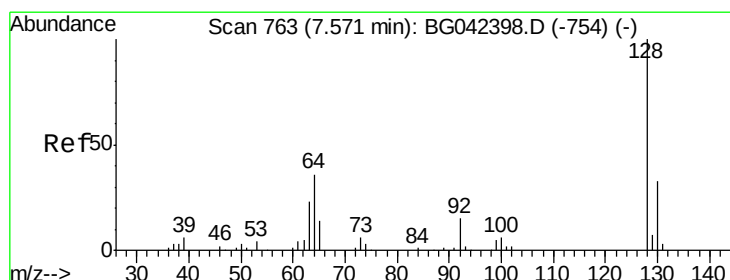
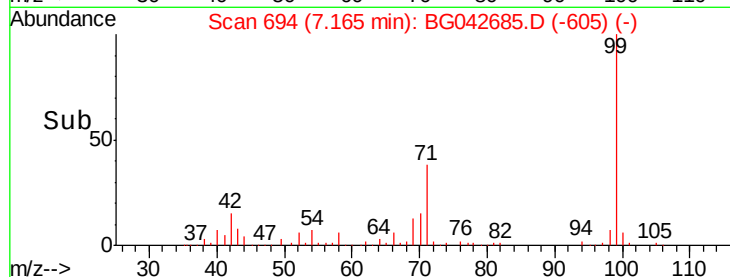
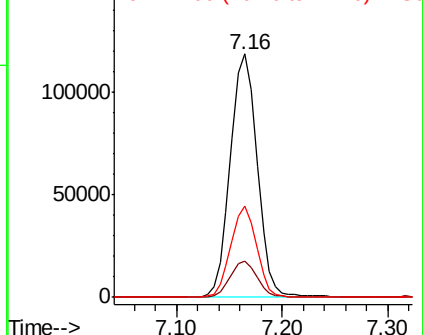
99 100

42 15.1 12.0 18.0

71 37.5 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.675 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

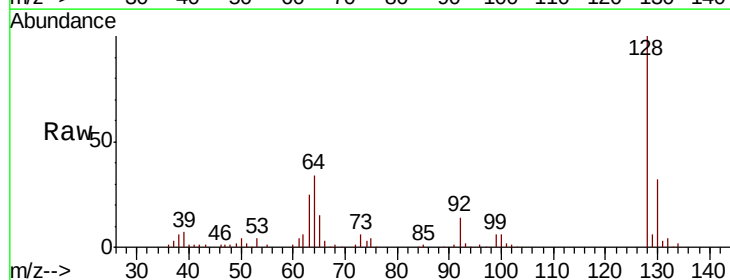
Tgt Ion: 128 Resp: 78152

Ion Ratio Lower Upper

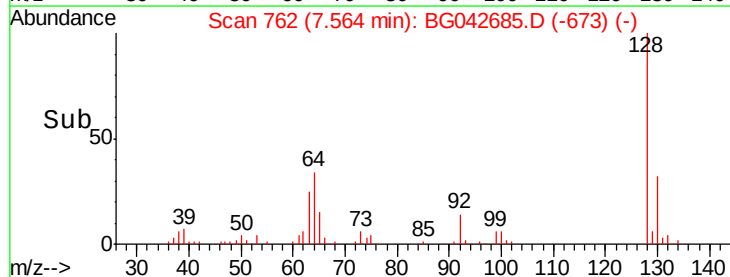
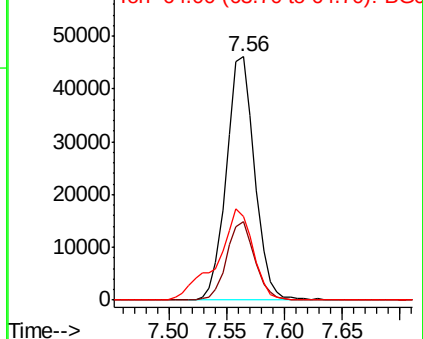
128 100

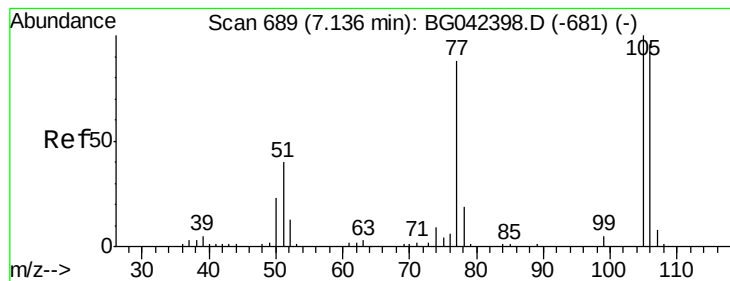
130 32.2 12.8 52.8

64 34.2 19.2 59.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.442 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

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ClientSampleId :

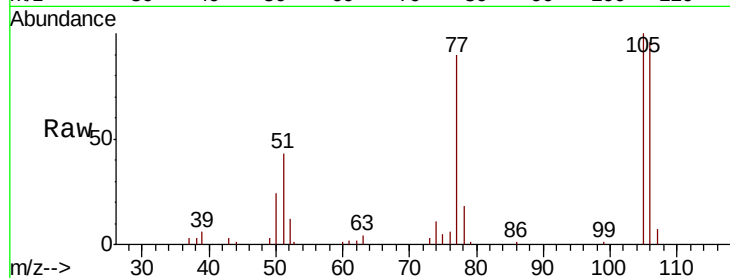
Tot Ion: 77 Resp: 40522

Ion Ratio Lower Upper

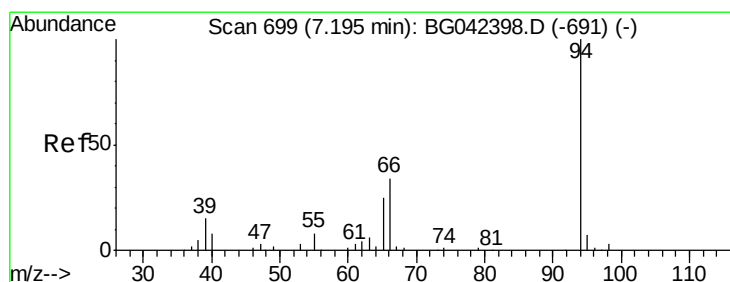
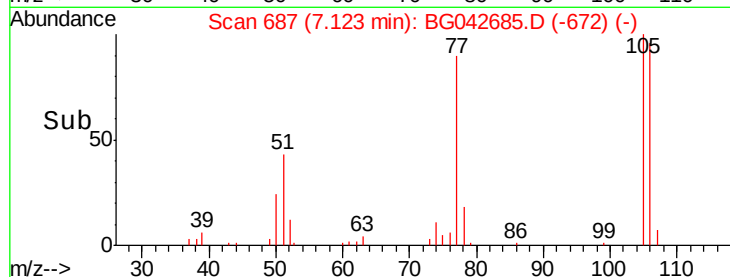
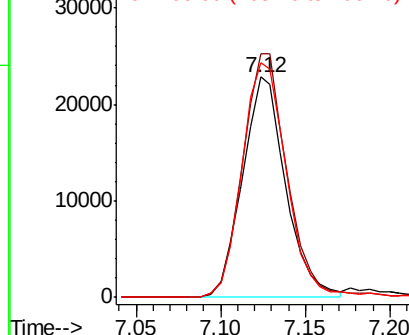
77 100

105 110.7 93.4 133.4

106 106.5 88.4 128.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.148 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

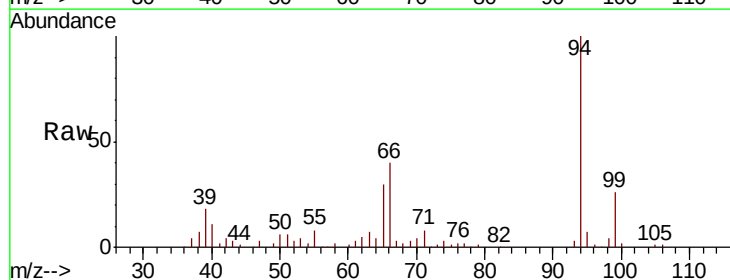
Tgt Ion: 94 Resp: 83665

Ion Ratio Lower Upper

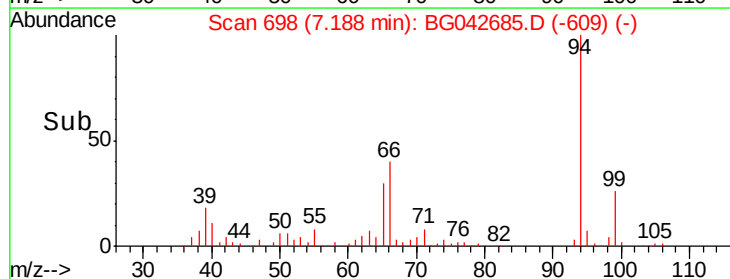
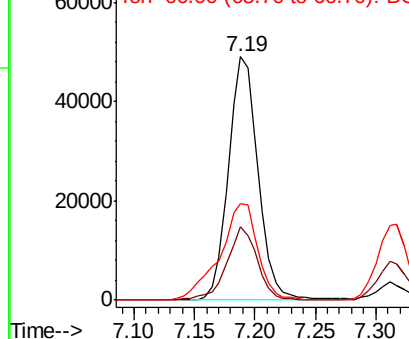
94 100

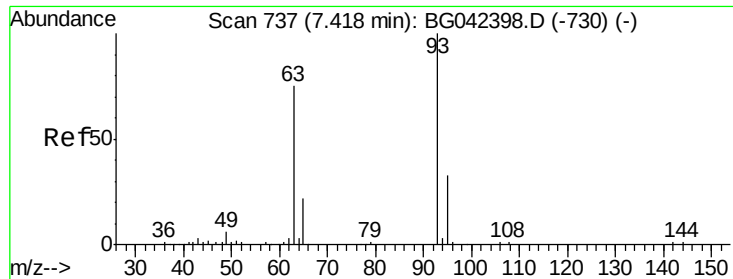
65 30.3 5.6 45.6

66 39.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.155 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

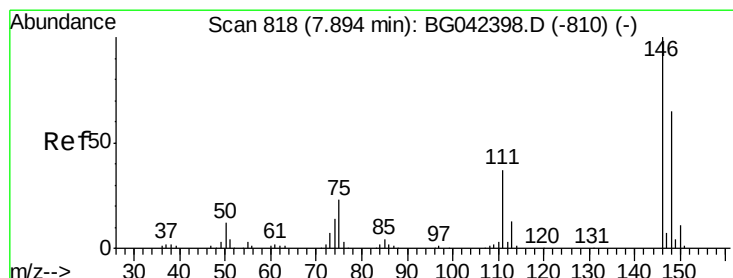
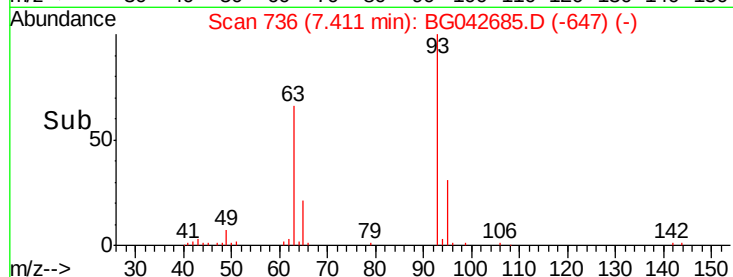
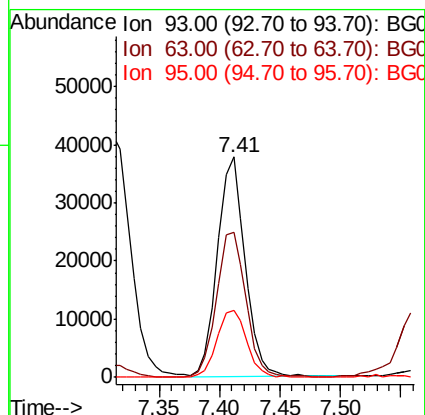
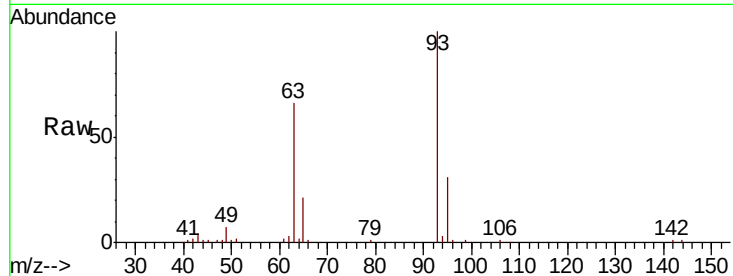
Tot Ion: 93 Resp: 59626

Ion Ratio Lower Upper

93 100

63 65.8 53.8 93.8

95 30.6 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 42.076 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

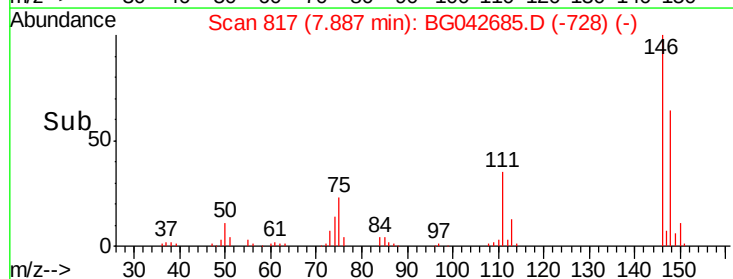
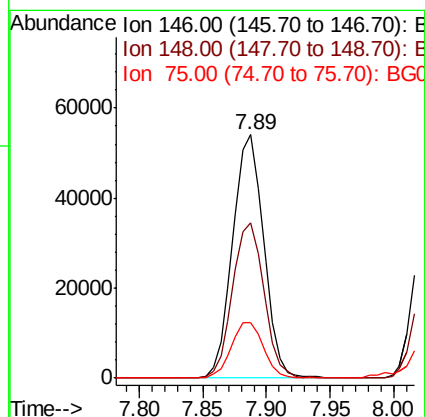
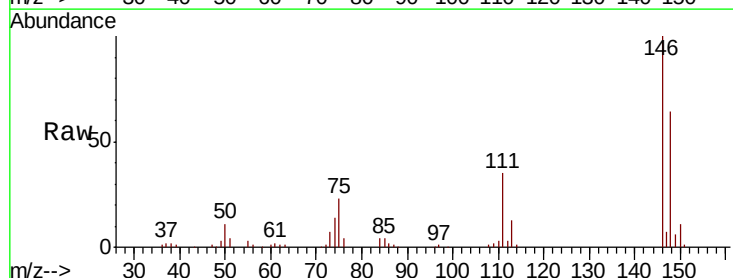
Tgt Ion: 146 Resp: 91586

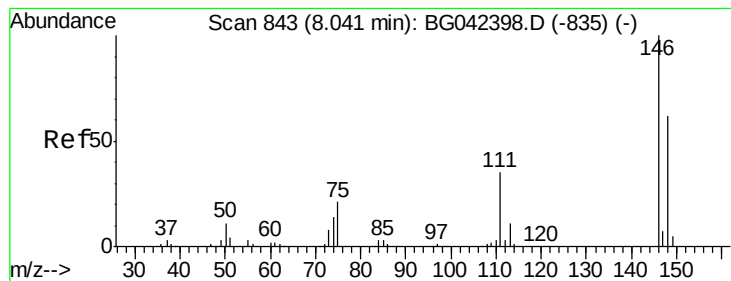
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

75 23.0 18.0 27.0





#13

1,4-Dichlorobenzene

Concen: 42.861 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

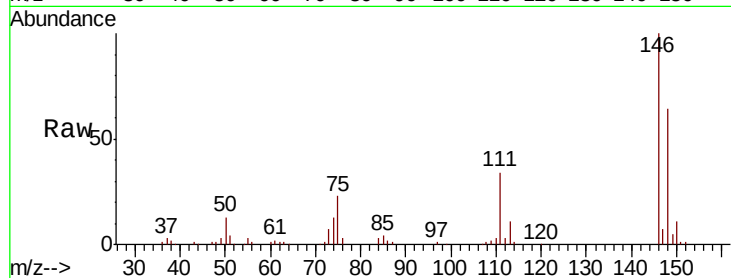
Tot Ion:146 Resp: 94500

Ion Ratio Lower Upper

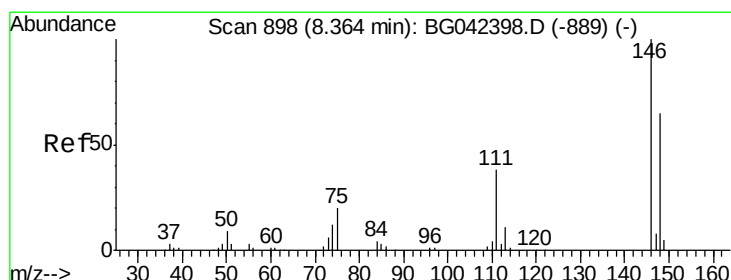
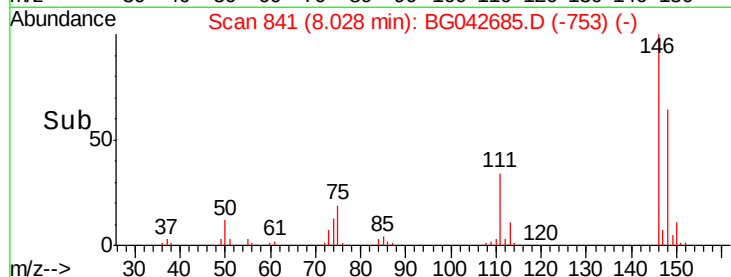
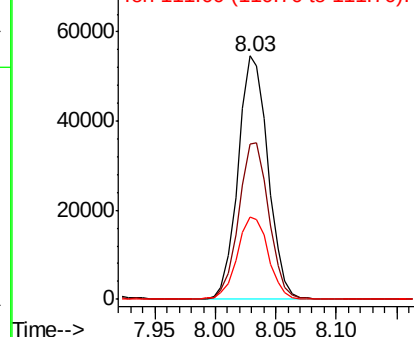
146 100

148 63.6 49.5 74.3

111 34.0 28.1 42.1



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



#14

1,2-Dichlorobenzene

Concen: 41.986 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

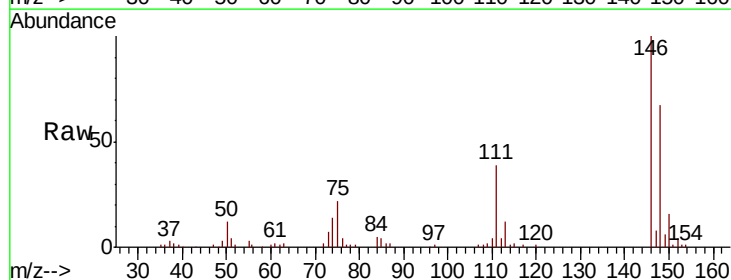
Tgt Ion:146 Resp: 88652

Ion Ratio Lower Upper

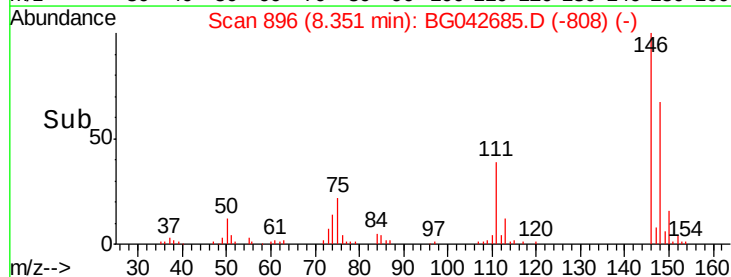
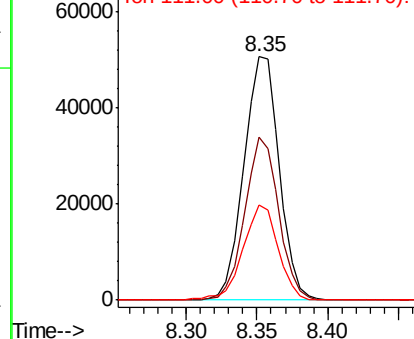
146 100

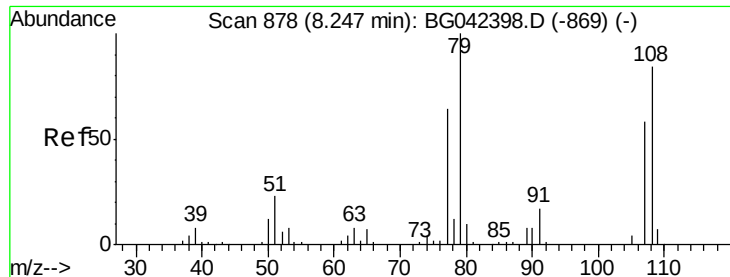
148 66.7 51.8 77.6

111 39.3 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 40.364 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

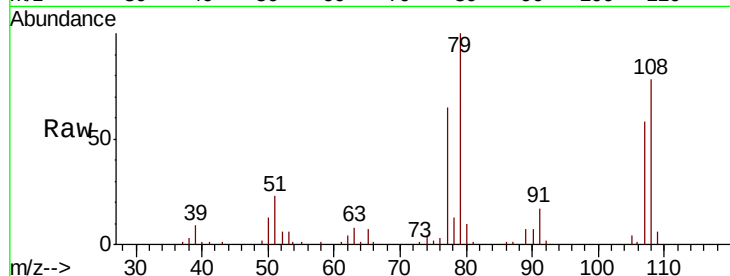
Tot Ion: 79 Resp: 55381

Ion Ratio Lower Upper

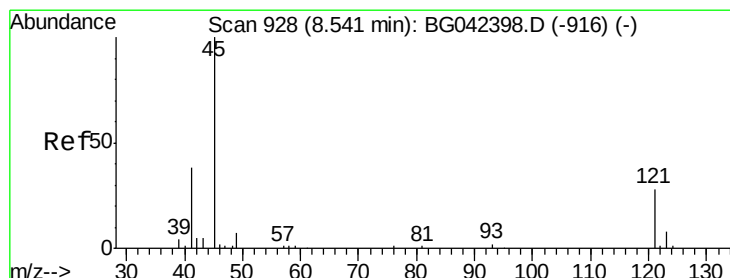
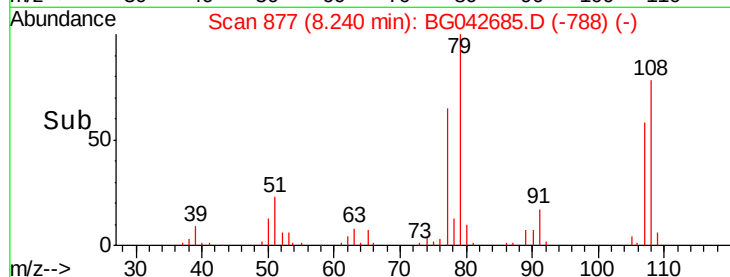
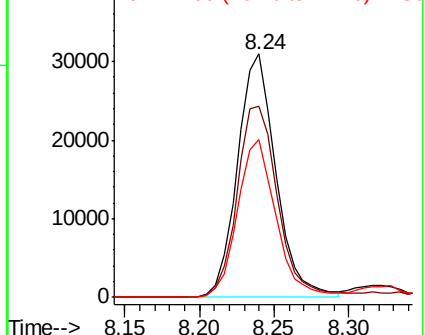
79 100

108 78.3 67.4 101.2

77 64.8 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: 35.934 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

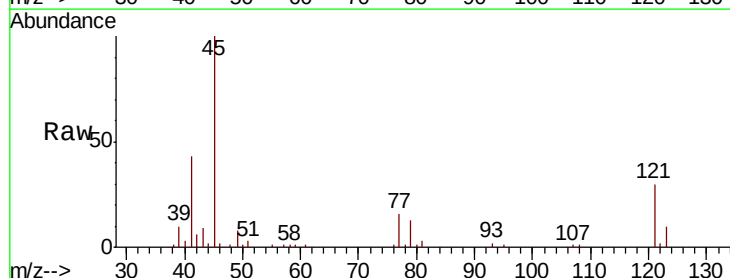
Tgt Ion: 45 Resp: 74169

Ion Ratio Lower Upper

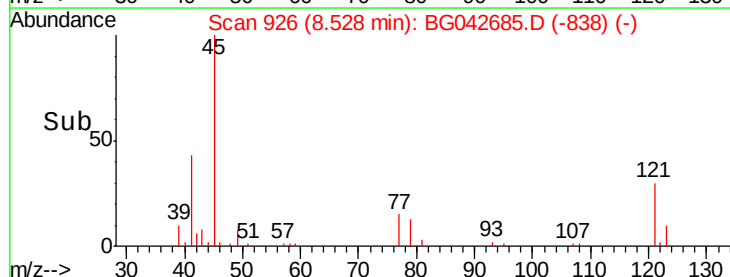
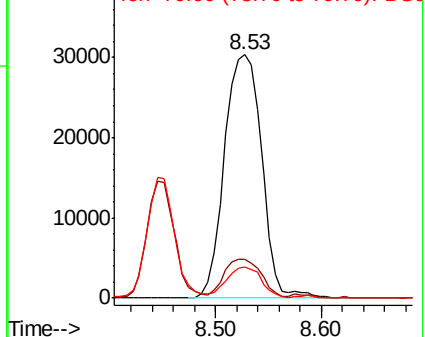
45 100

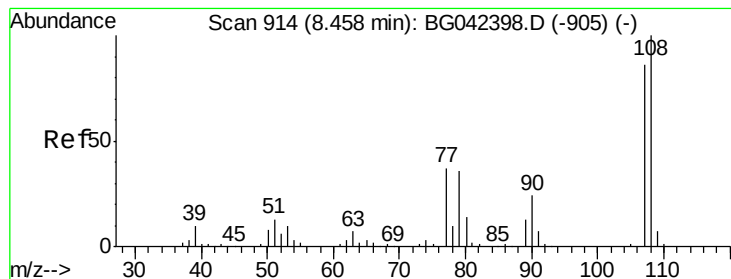
77 16.2 0.0 35.6

79 12.9 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

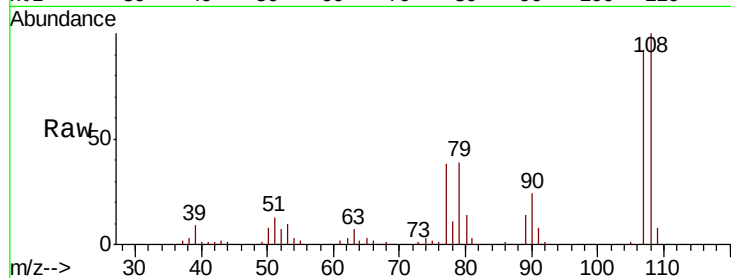




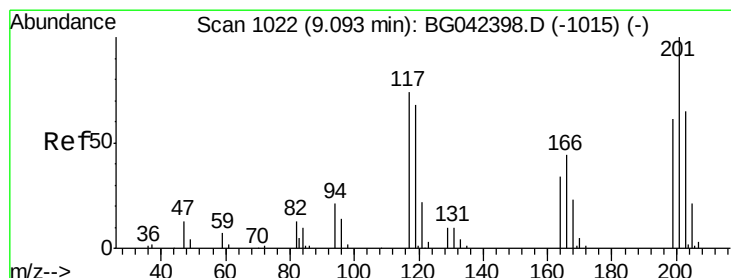
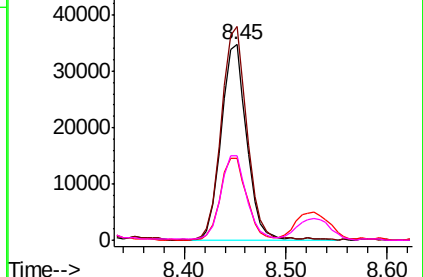
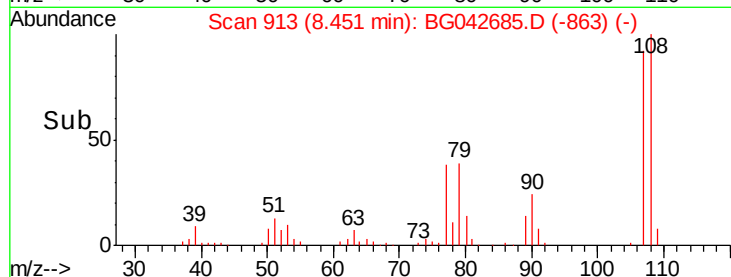
#17
2-Methylphenol
Concen: 42.814 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 61146
Ion Ratio Lower Upper
107 100
108 109.1 92.9 139.3
77 41.7 34.4 51.6
79 42.9 33.8 50.6

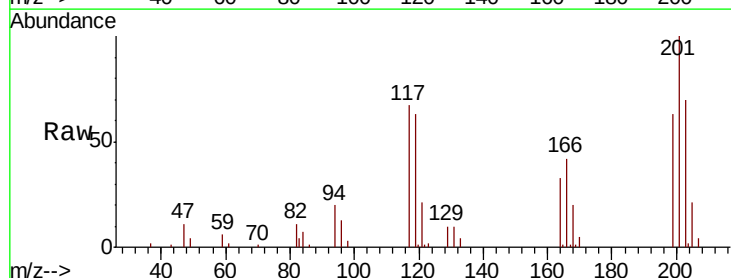


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

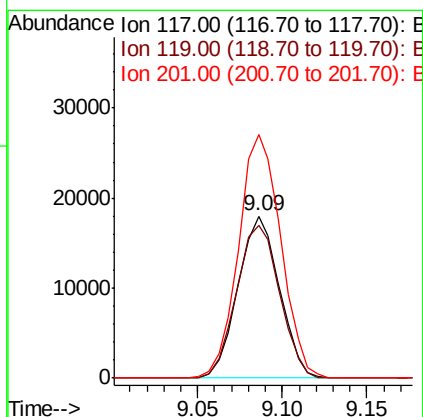
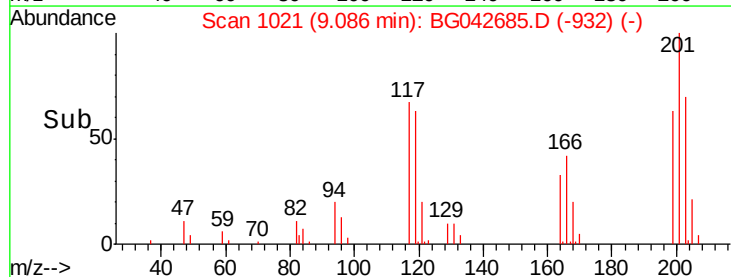


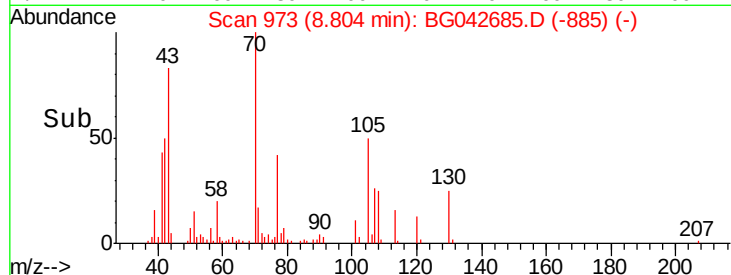
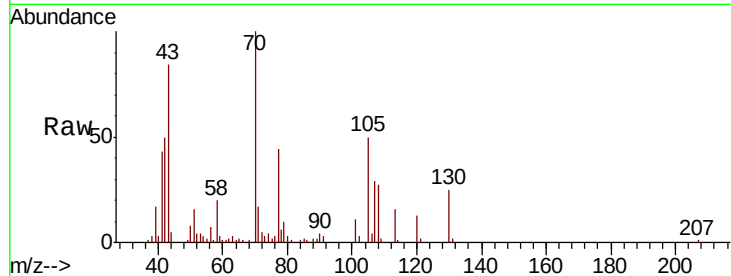
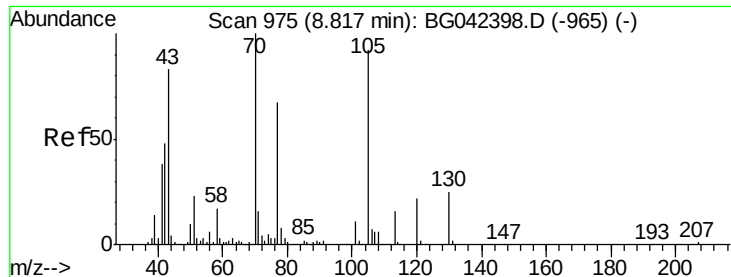
#18
Hexachloroethane
Concen: 40.572 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:117 Resp: 30624
Ion Ratio Lower Upper
117 100
119 94.5 73.8 110.8
201 150.2 108.3 162.5



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

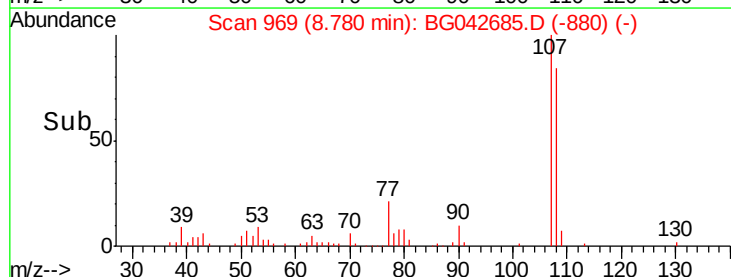
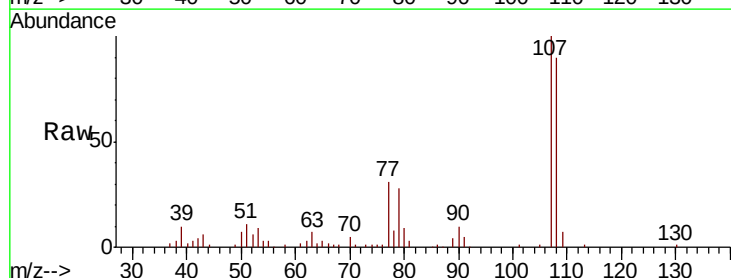
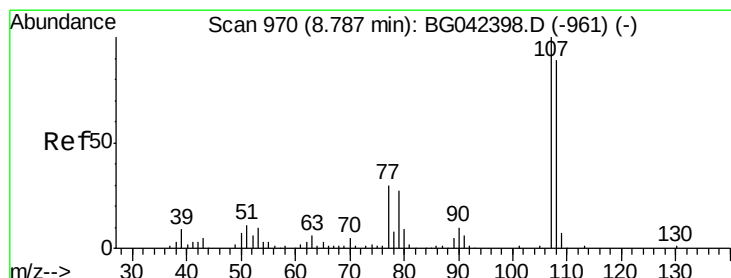
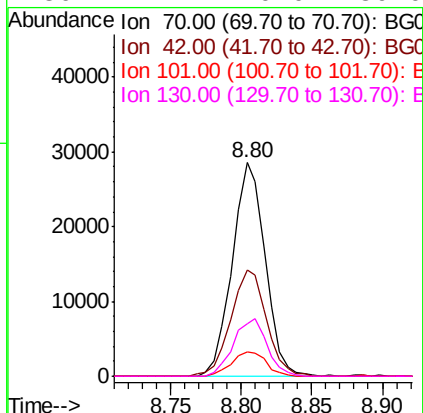




#19
n-Nitroso-di-n-propylamine
Concen: 37.477 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

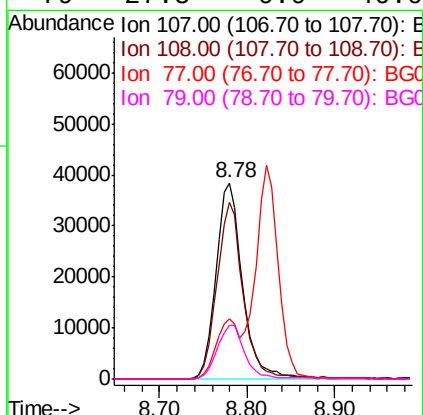
Instrument :
BNA_G
ClientSampleId :

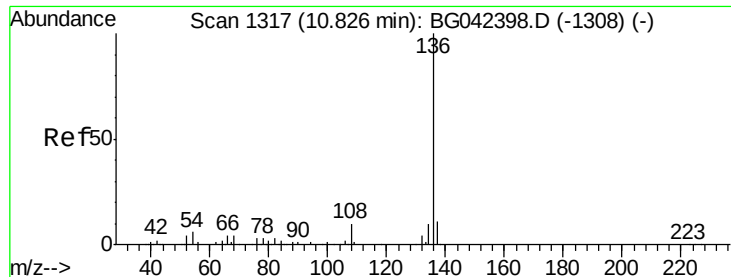
Tot Ion:	70	Resp:	46304
Ion	Ratio	Lower	Upper
70	100		
42	49.7	38.8	58.2
101	11.3	9.0	13.6
130	24.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 40.752 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:	107	Resp:	80537
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.7	108.7
77	31.0	10.2	50.2
79	27.5	6.9	46.9

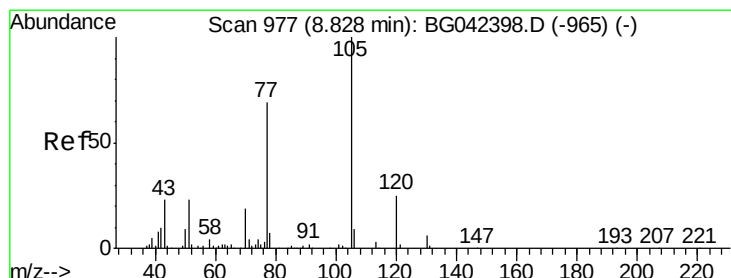
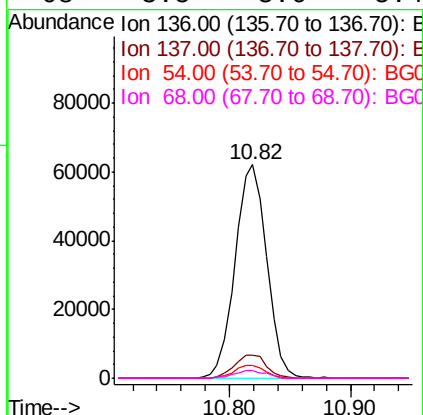
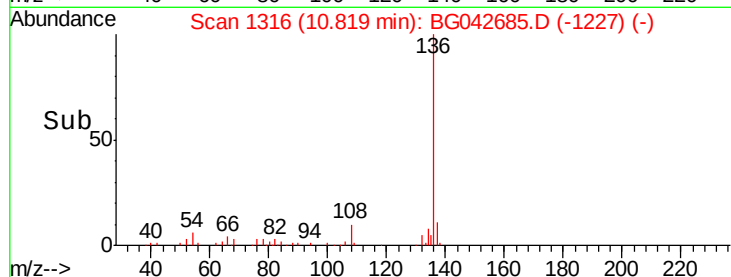
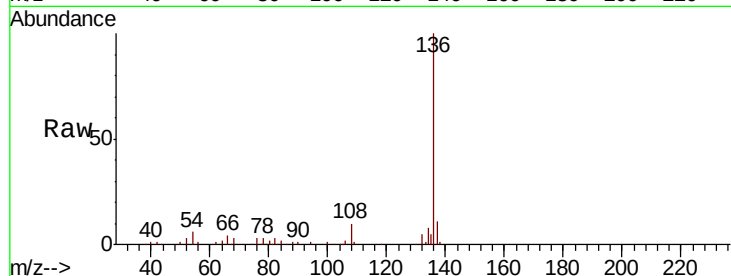




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

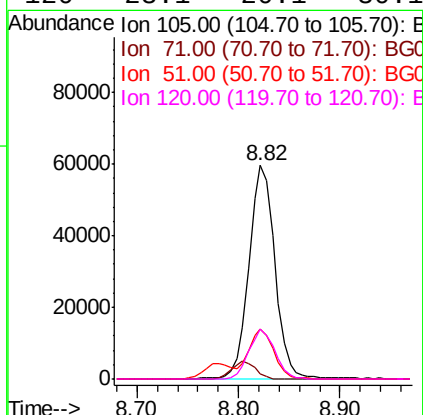
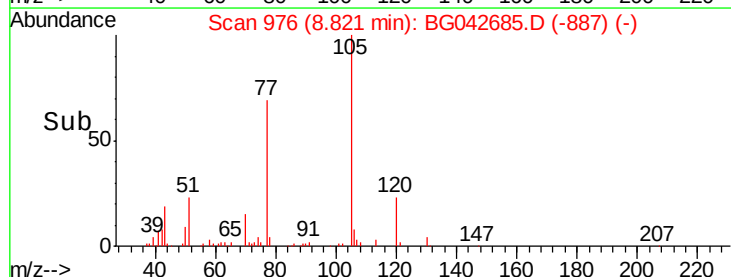
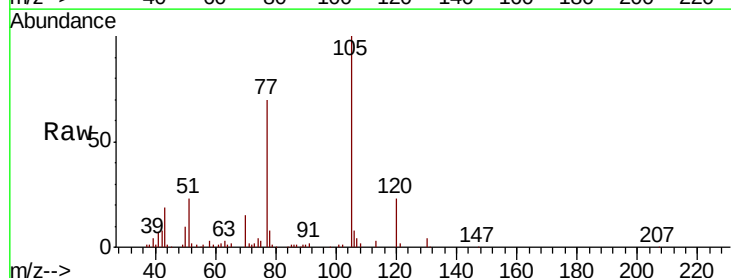
Instrument :
BNA_G
ClientSampleId :

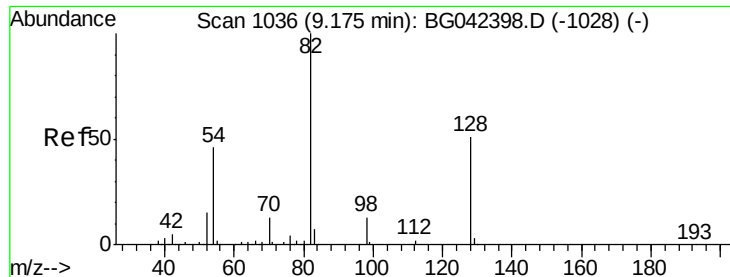
Tot Ion:136	Resp:	113061
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	6.1	4.9 7.3
68	3.5	3.6 5.4#



#22
Acetophenone
Concen: 43.783 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:105	Resp:	105875
Ion Ratio	Lower	Upper
105	100	
71	2.4	2.8 4.2#
51	23.2	18.7 28.1
120	23.1	20.1 30.1

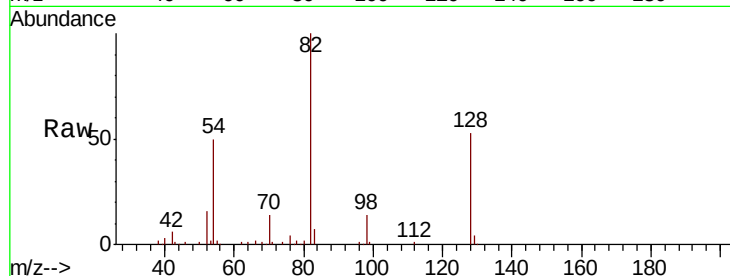




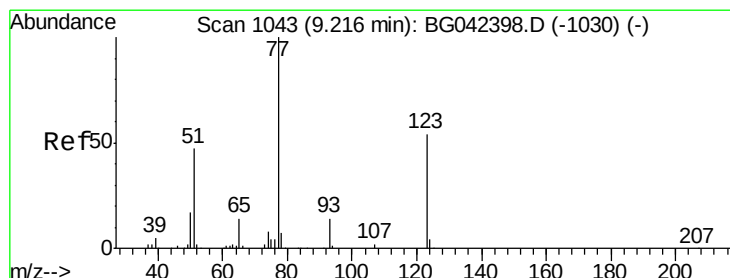
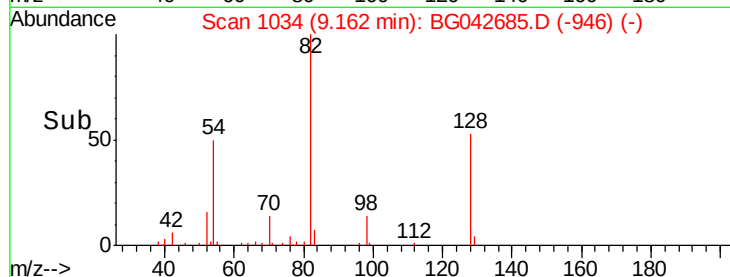
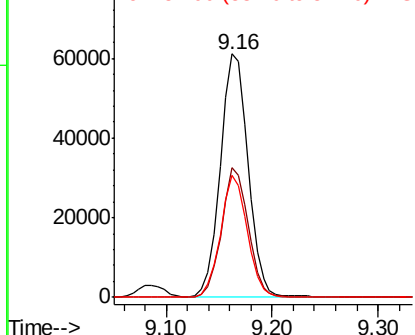
#23
 Nitrobenzene-d5
 Concen: 68.306 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	111756
Ion Ratio	Lower	Upper	
82	100		
128	53.1	40.7	61.1
54	50.2	36.3	54.5

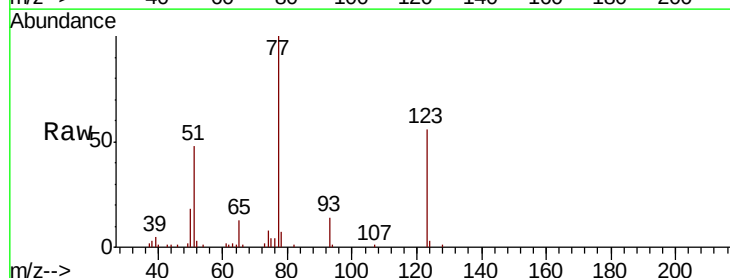


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

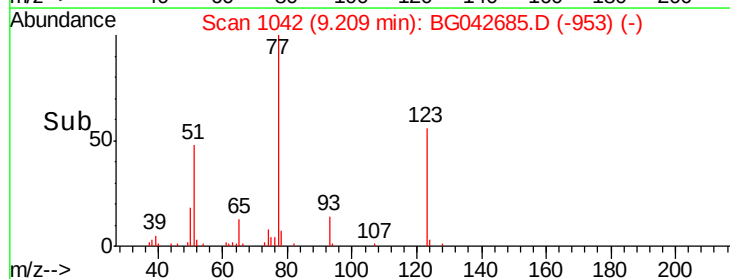
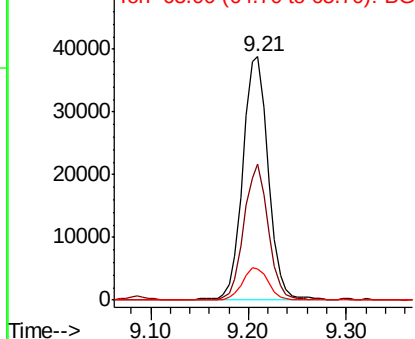


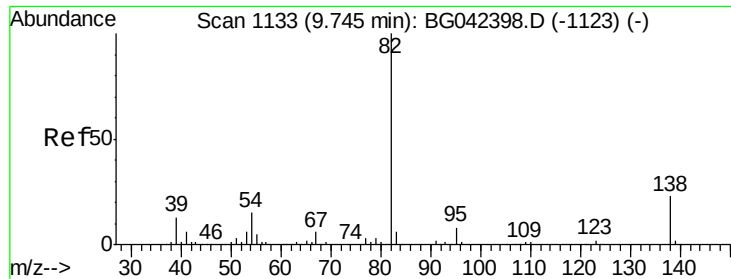
#24
 Nitrobenzene
 Concen: 42.902 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion	77	Resp	71079
Ion Ratio	Lower	Upper	
77	100		
123	56.0	43.4	65.0
65	12.8	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

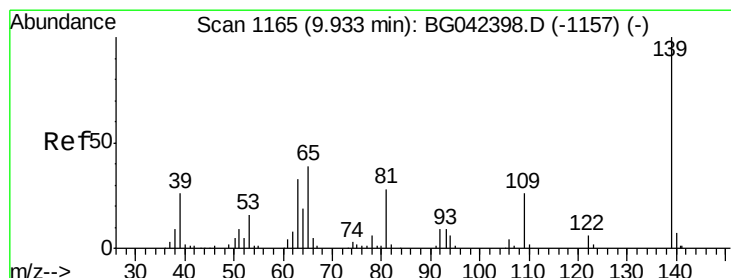
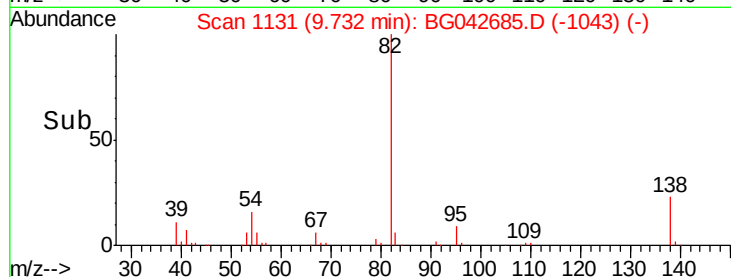
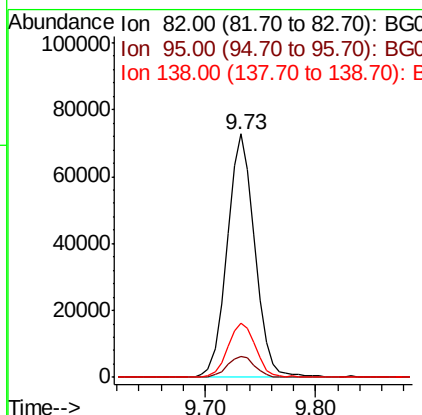
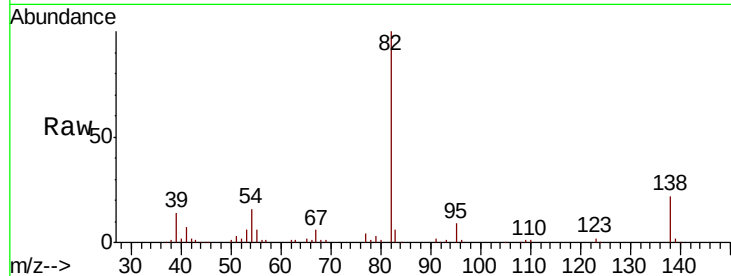




#25
Isophorone
Concen: 39.392 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

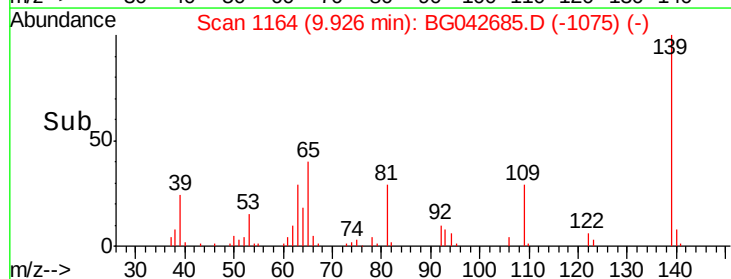
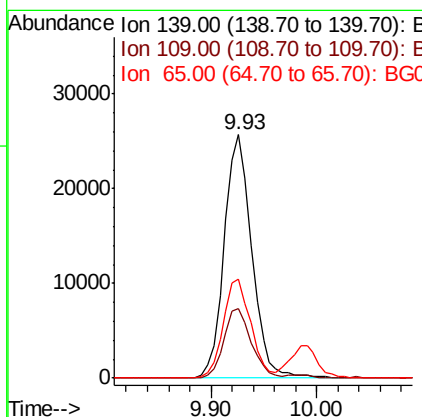
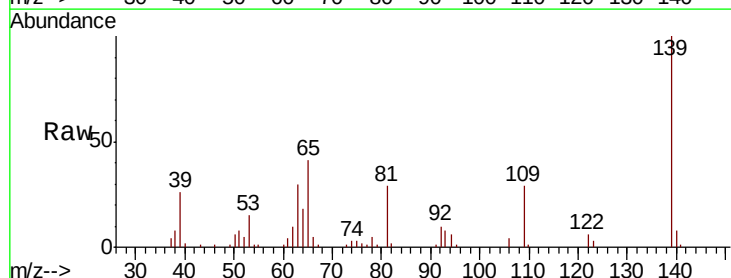
Instrument :
BNA_G
ClientSampled :

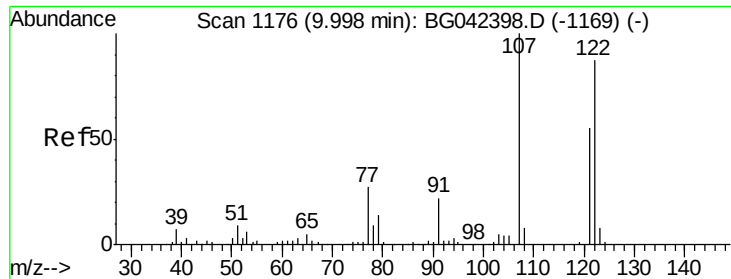
Tot Ion	82	Resp	127193
Ion Ratio	100		
Lower	6.6		
Upper	9.8		
82	100		
95	8.6	6.6	9.8
138	22.4	18.6	27.8



#26
2-Nitrophenol
Concen: 44.722 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion	139	Resp	46433
Ion Ratio	100		
Lower	20.5		
Upper	30.7		
139	100		
109	28.8	20.5	30.7
65	40.8	30.9	46.3

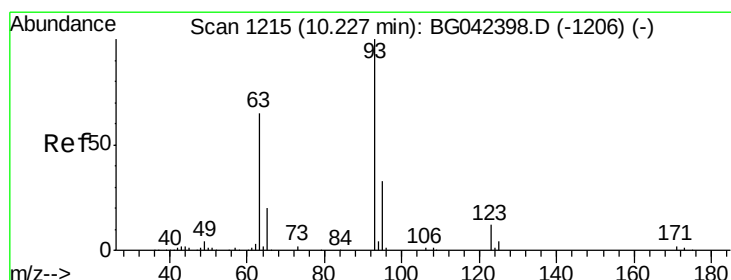
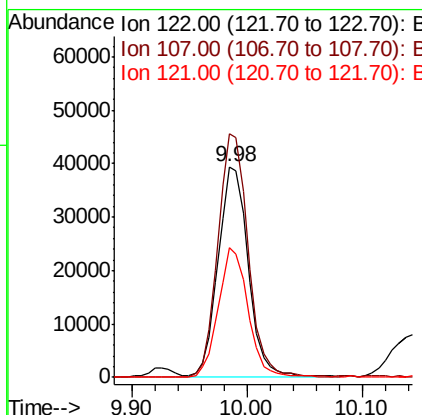
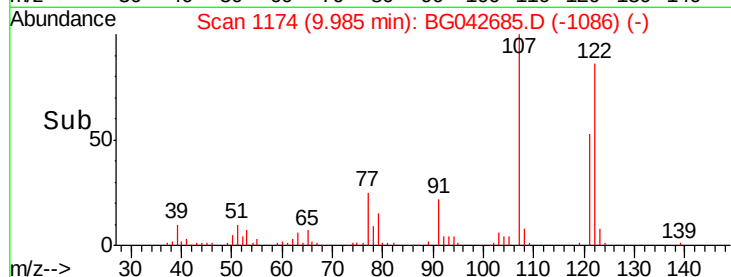
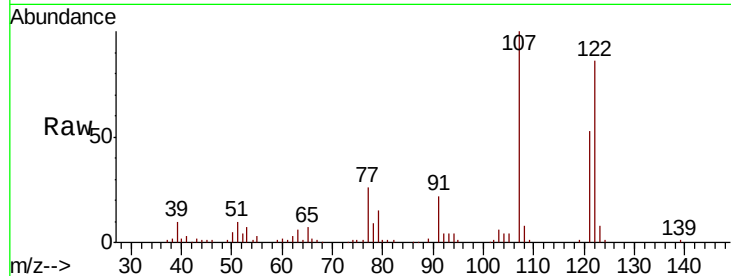




#27
2,4-Dimethylphenol
Concen: 50.237 ng
RT: 9.98 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

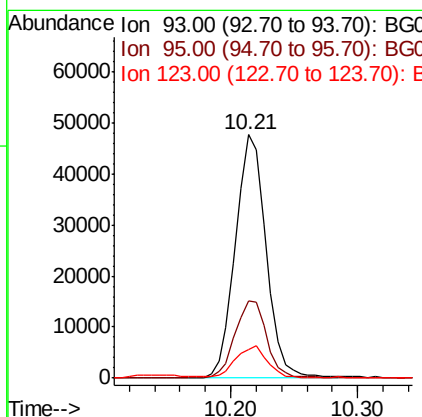
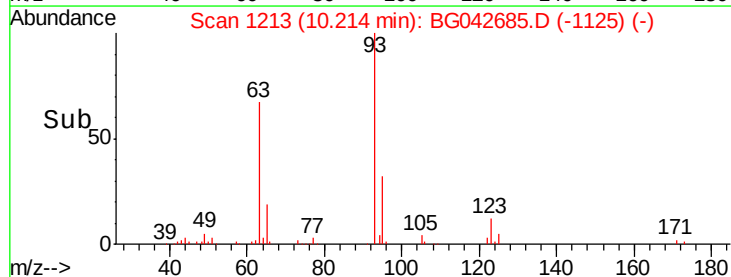
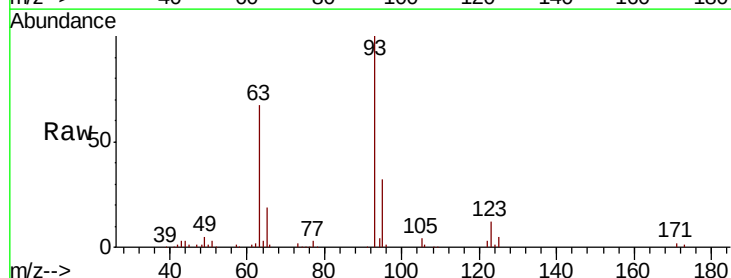
Instrument :
BNA_G
ClientSampled :

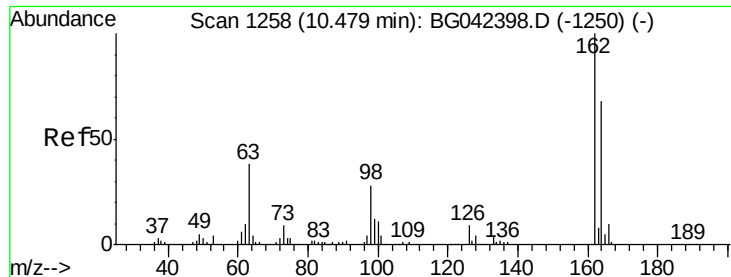
Tot Ion:122 Resp: 71848
Ion Ratio Lower Upper
122 100
107 115.7 90.8 136.2
121 61.6 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.392 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion: 93 Resp: 80166
Ion Ratio Lower Upper
93 100
95 31.9 26.6 40.0
123 11.9 10.1 15.1

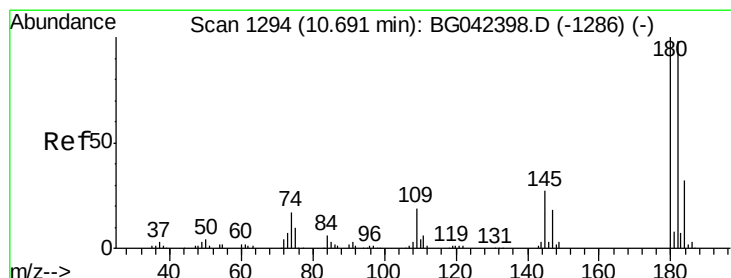
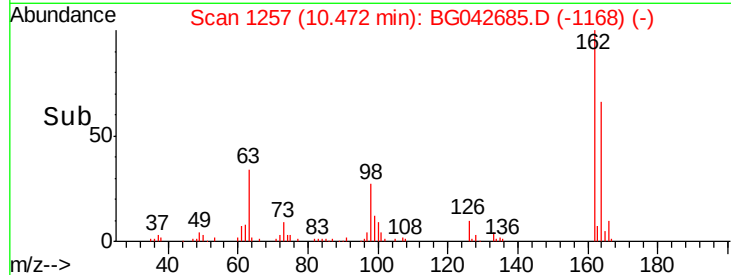
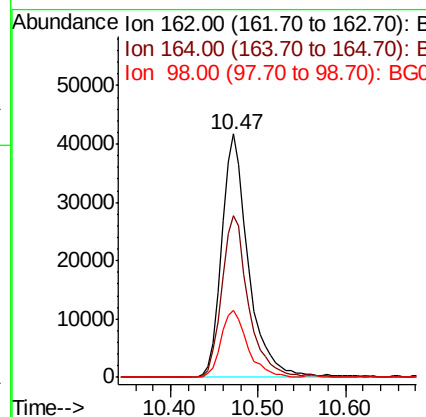
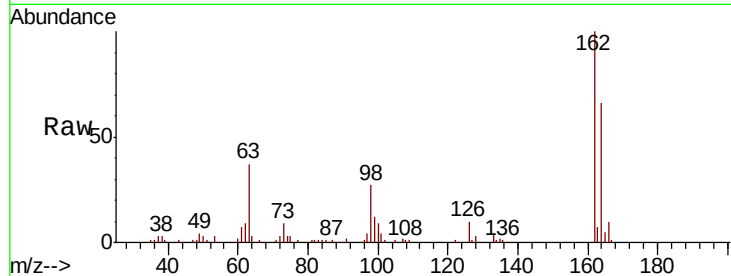




#29
 2,4-Dichlorophenol
 Concen: 46.955 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

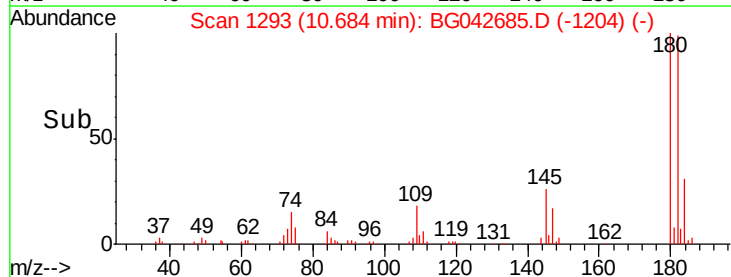
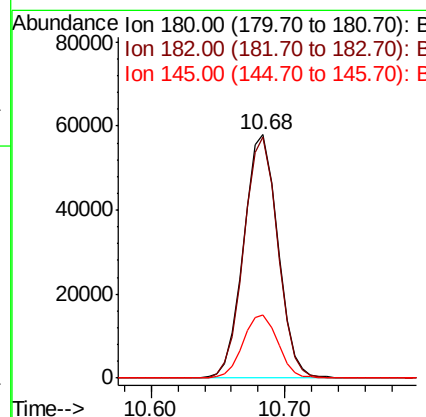
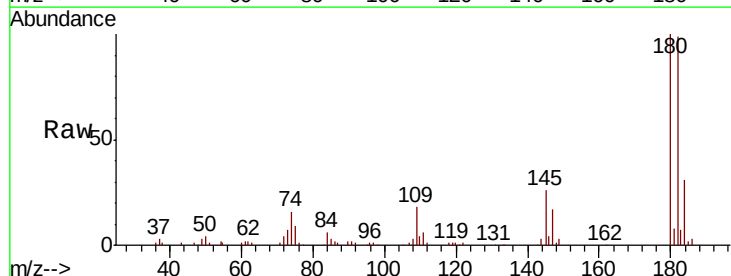
Instrument :
 BNA_G
 ClientSampleId :

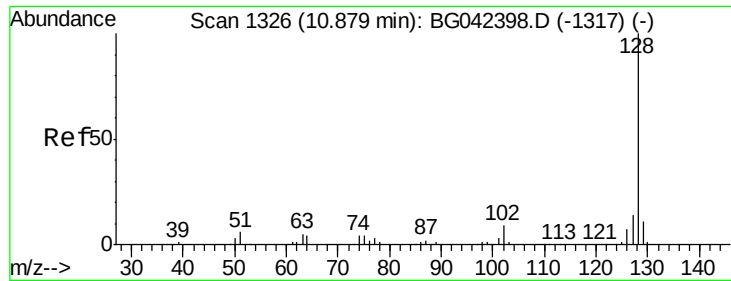
Tot Ion	162	Resp	87861
Ion Ratio	Lower	Upper	
162	100		
164	66.3	48.1	88.1
98	27.3	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 44.683 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion	180	Resp	102627
Ion Ratio	Lower	Upper	
180	100		
182	99.3	78.7	118.1
145	26.0	21.6	32.4

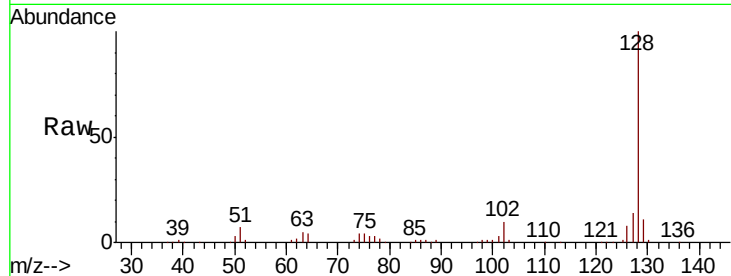




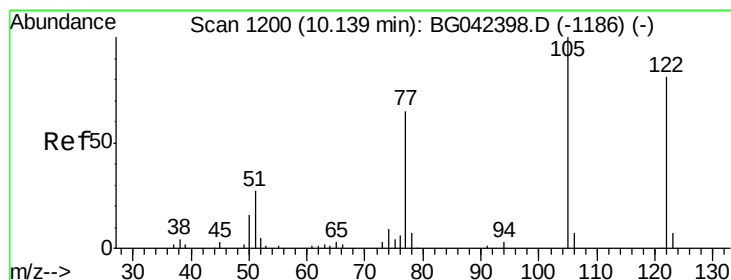
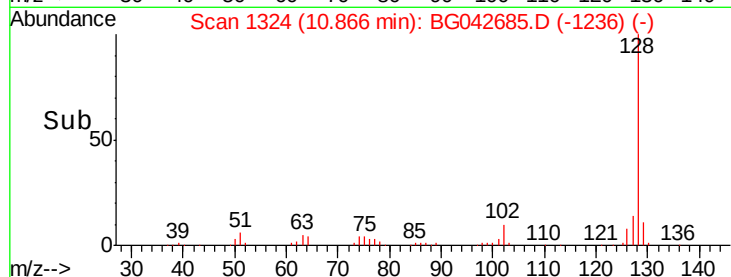
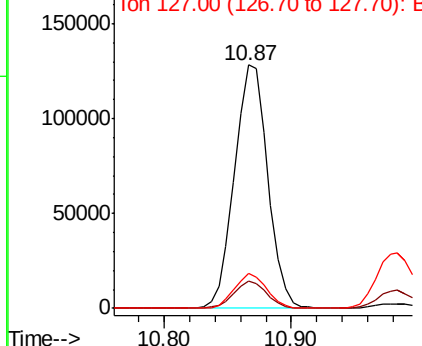
#31
Naphthalene
Concen: 44.436 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 233248
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.1 11.4 17.0

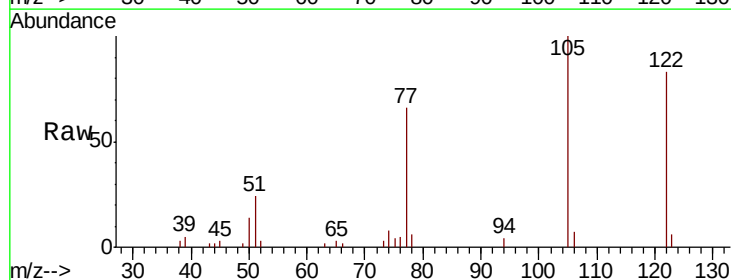


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

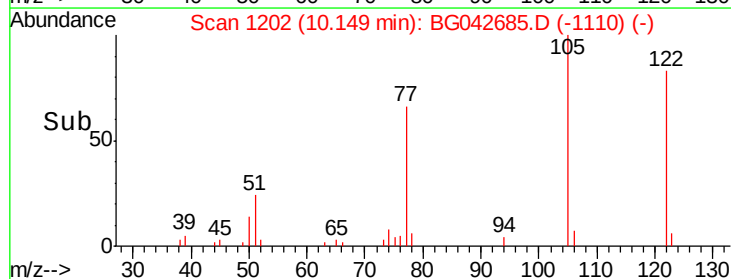
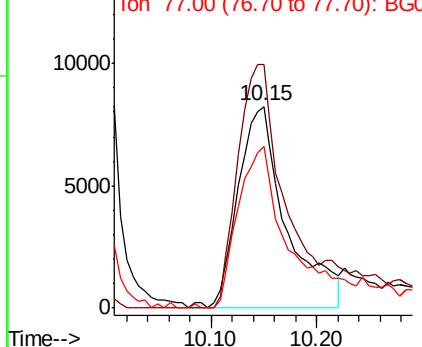


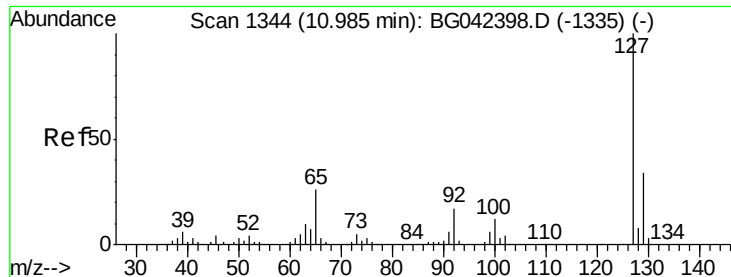
#32
Benzoic acid
Concen: 29.109 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:122 Resp: 26192
Ion Ratio Lower Upper
122 100
105 120.6 99.6 139.6
77 79.9 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

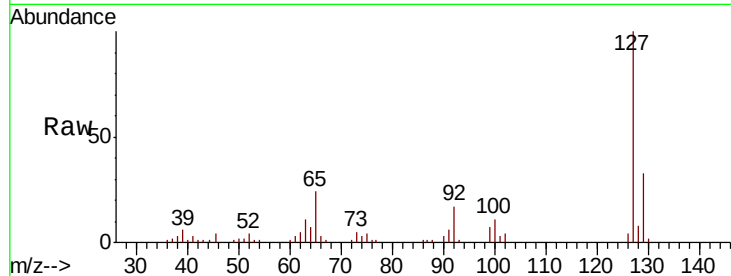




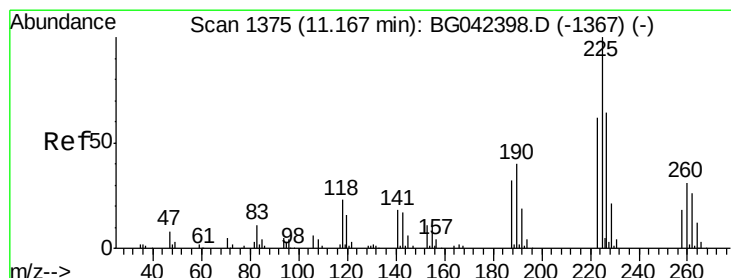
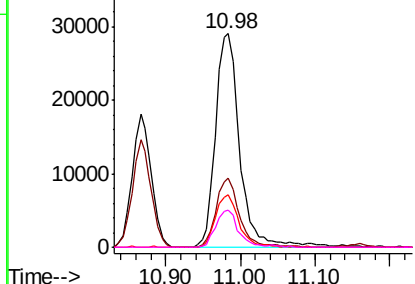
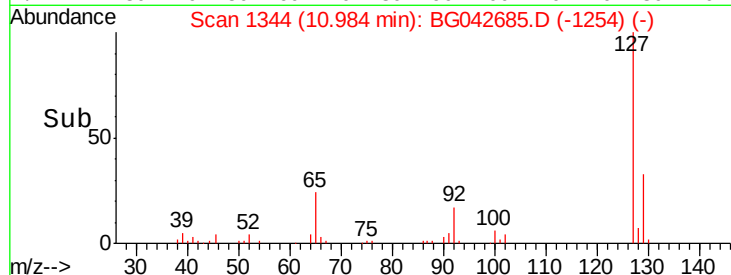
#33
4-Chloroaniline
Concen: 27.008 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	65445
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	24.3	20.7	31.1
92	17.5	13.6	20.4

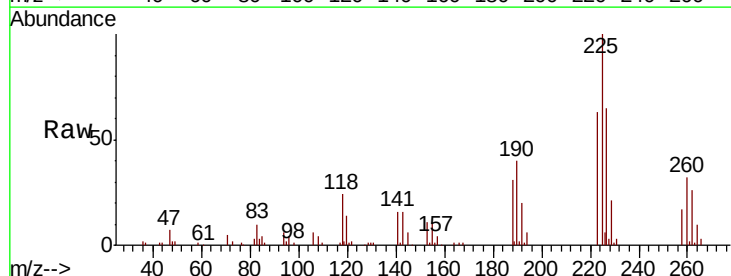


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

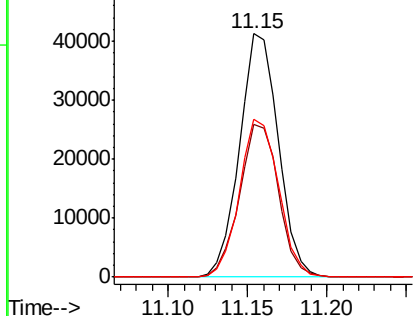
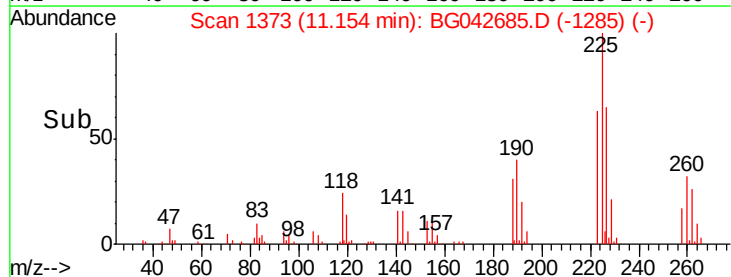


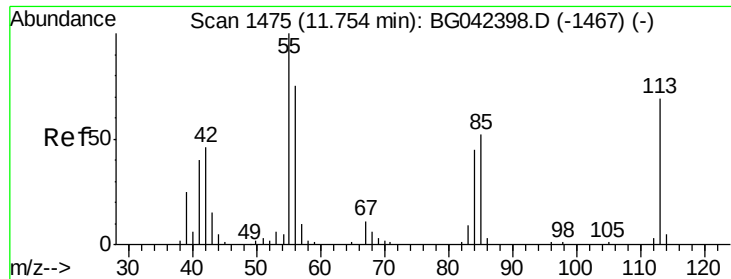
#34
Hexachlorobutadiene
Concen: 45.319 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:	225	Resp:	69954
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	64.9	50.9	76.3



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

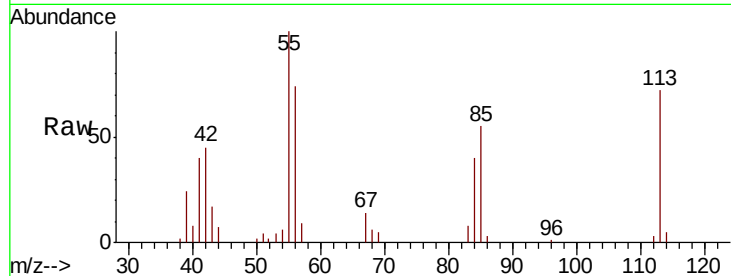




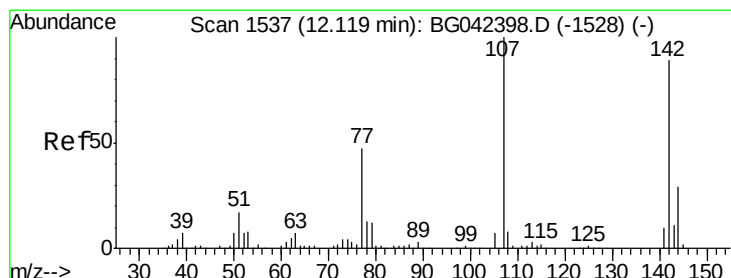
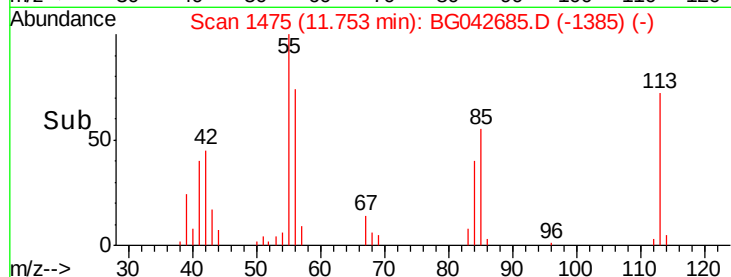
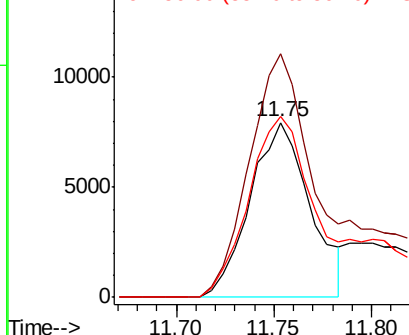
#35
 Caprolactam
 Concen: 27.094 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 16917
 Ion Ratio Lower Upper
 113 100
 55 139.1 124.6 164.6
 56 103.2 88.3 128.3

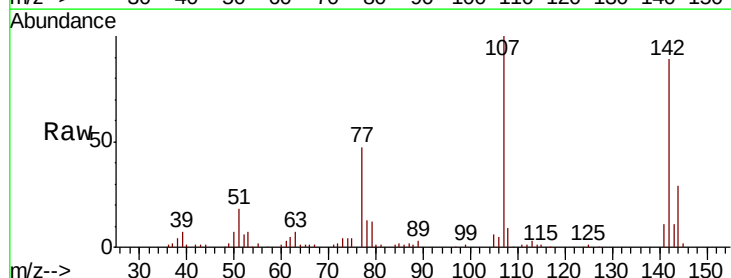


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

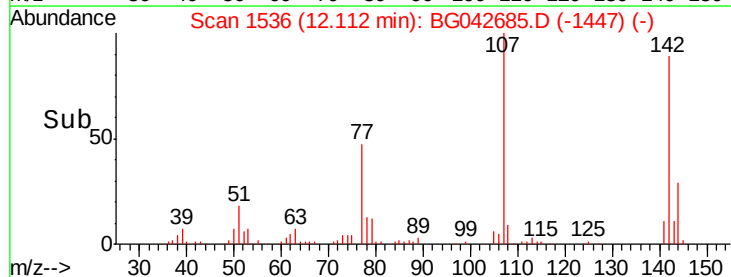
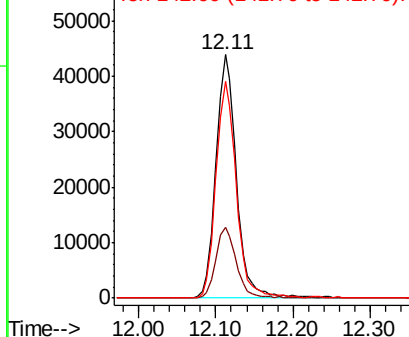


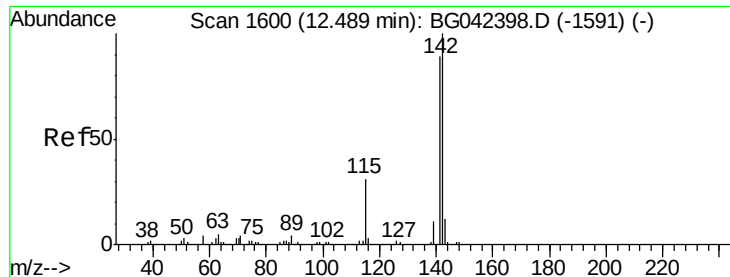
#36
 4-Chloro-3-methylphenol
 Concen: 45.072 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:107 Resp: 80062
 Ion Ratio Lower Upper
 107 100
 144 29.2 23.6 35.4
 142 89.2 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

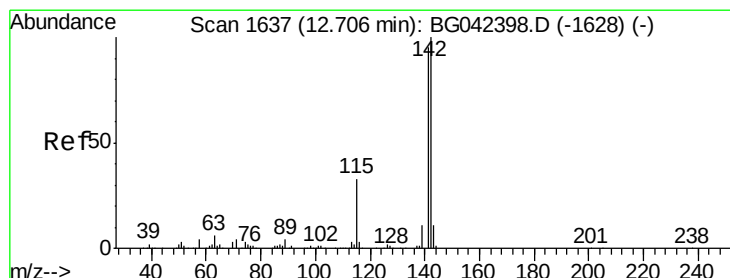
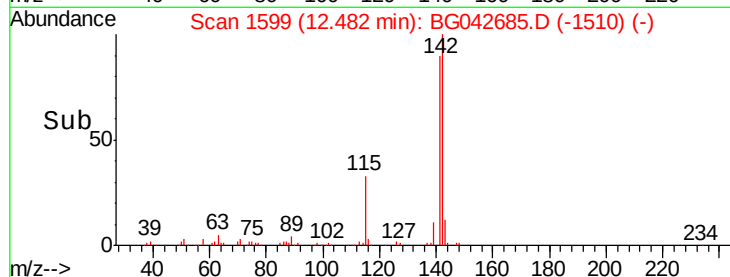
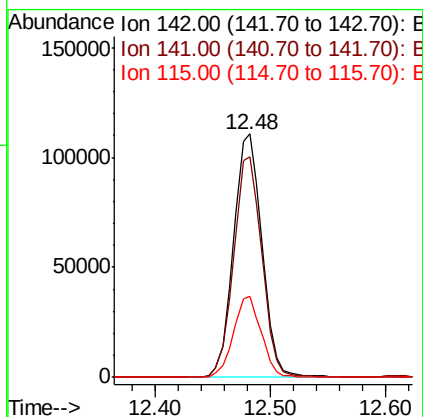
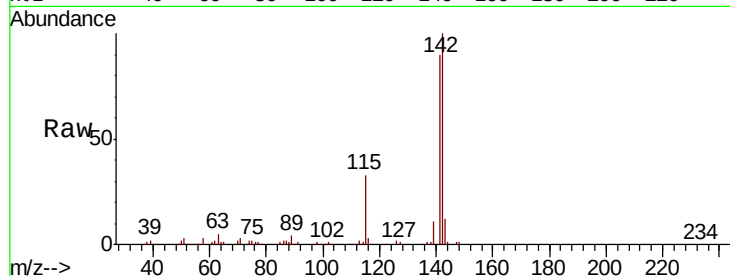




#37
2-Methylnaphthalene
Concen: 44.729 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

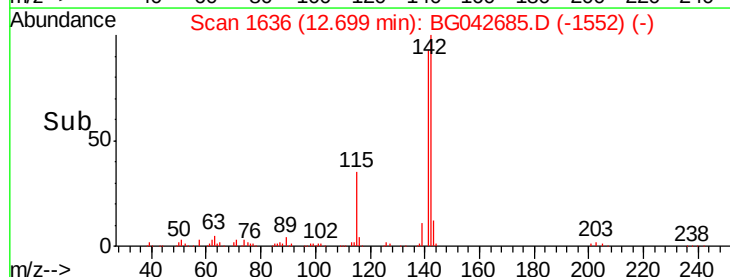
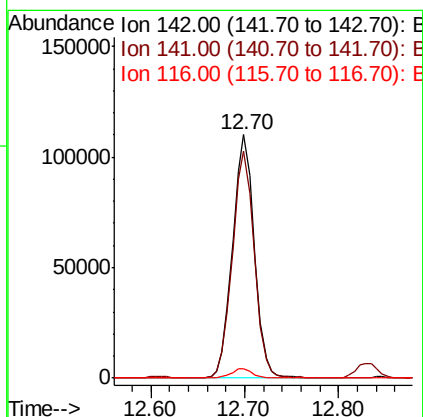
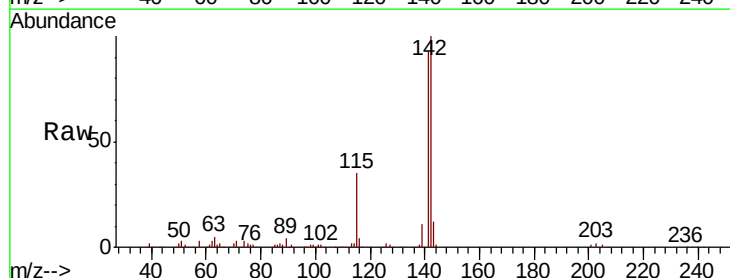
Instrument :
BNA_G
ClientSampled :

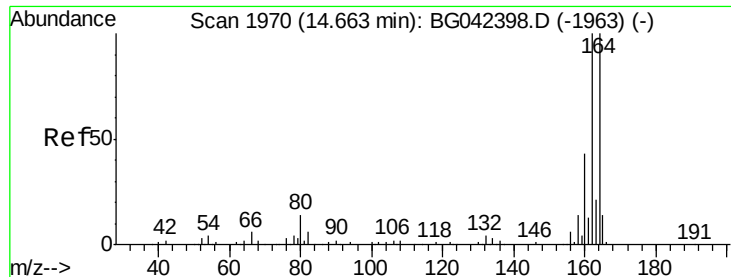
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	33.4	25.2	37.8



#38
1-Methylnaphthalene
Concen: 44.132 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.2	114.2
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

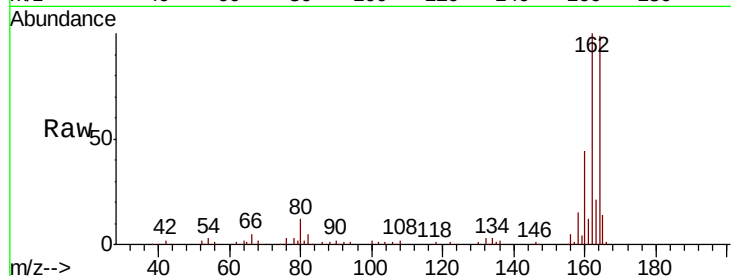
Tot Ion:164 Resp: 87667

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

160 44.2 34.3 51.5

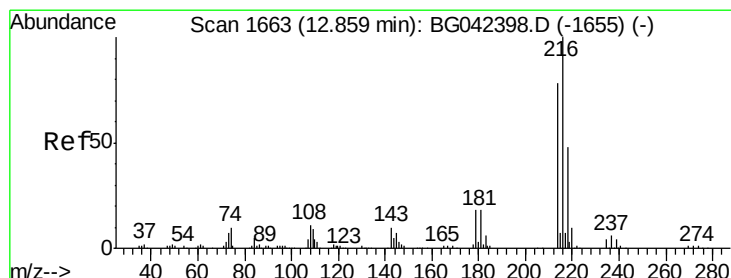
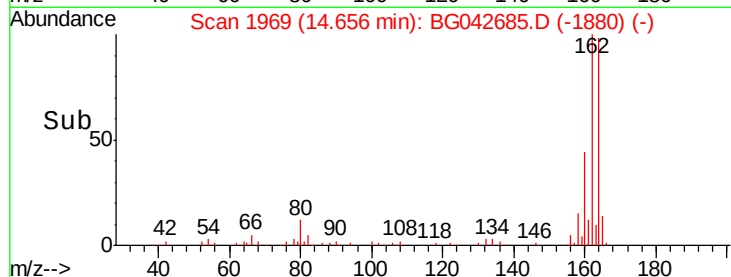
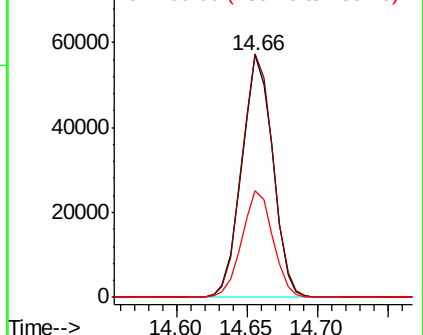


Abundance

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: 47.148 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Tgt Ion:216 Resp: 132735

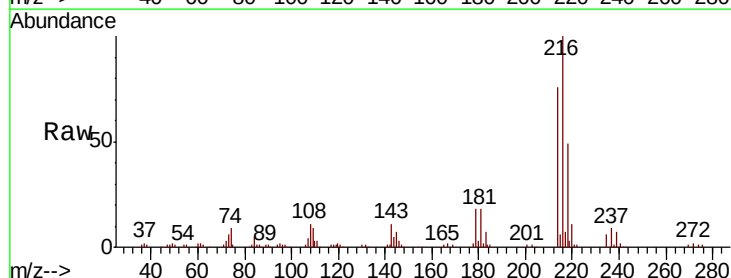
Ion Ratio Lower Upper

216 100

214 75.9 61.4 92.2

179 18.2 15.1 22.7

108 12.4 9.4 14.0



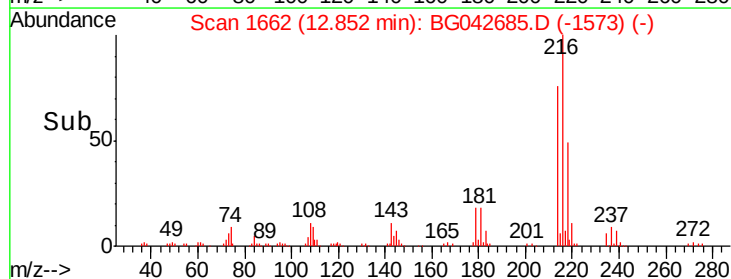
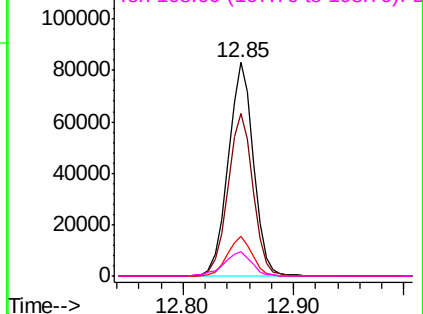
Abundance

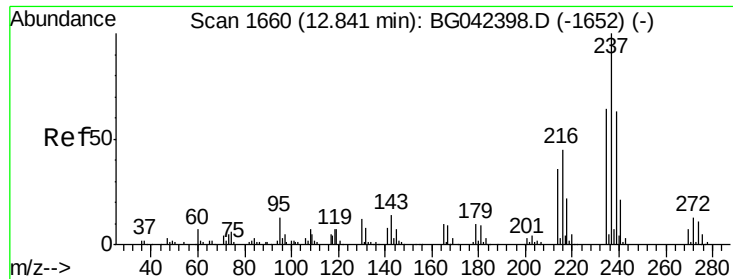
Ion 216.00 (215.70 to 216.70): E

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

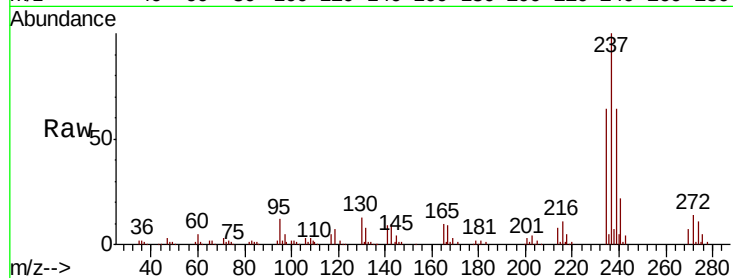




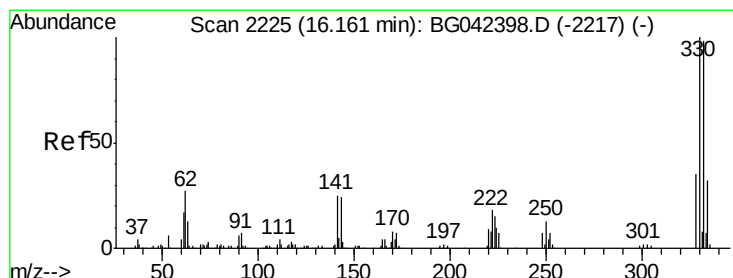
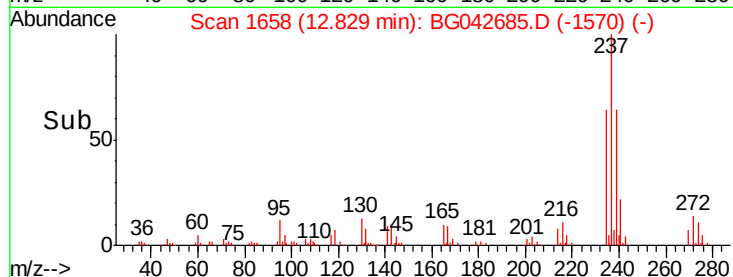
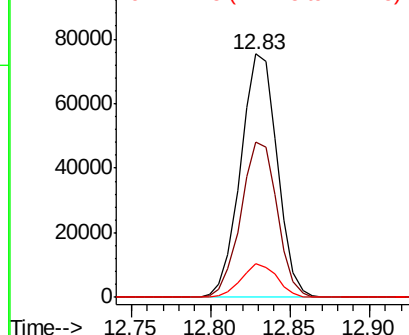
#41
Hexachlorocyclopentadiene
Concen: 81.565 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 120622
Ion Ratio Lower Upper
237 100
235 64.0 43.7 83.7
272 13.6 0.0 33.3

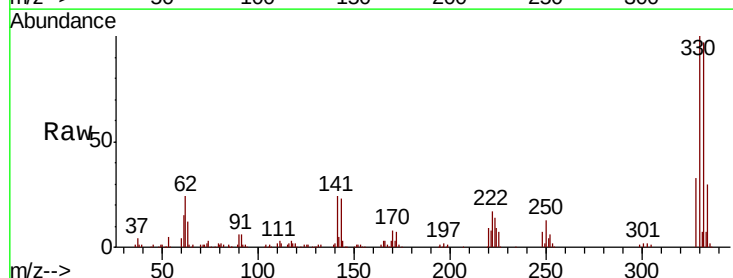


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

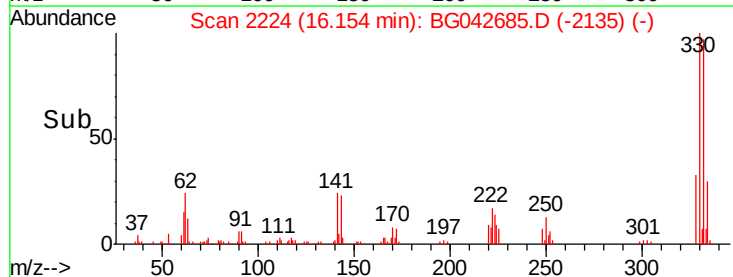
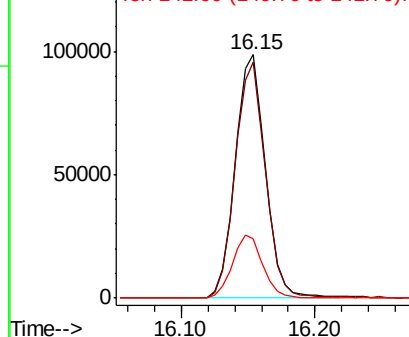


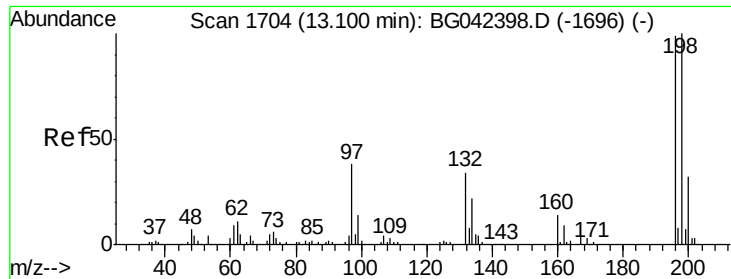
#42
2,4,6-Tribromophenol
Concen: 124.078 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:330 Resp: 154606
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 26.1 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

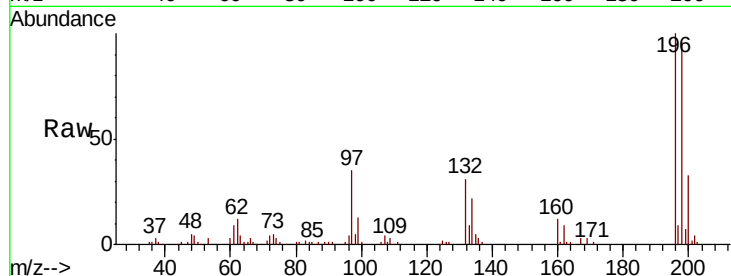




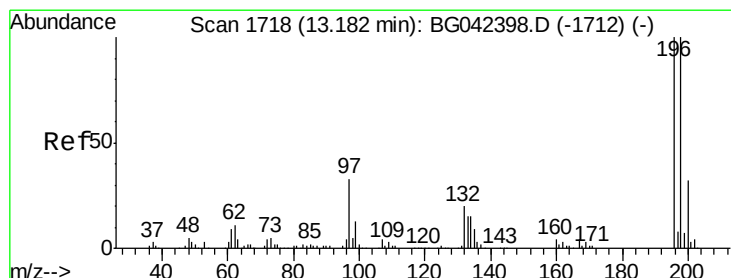
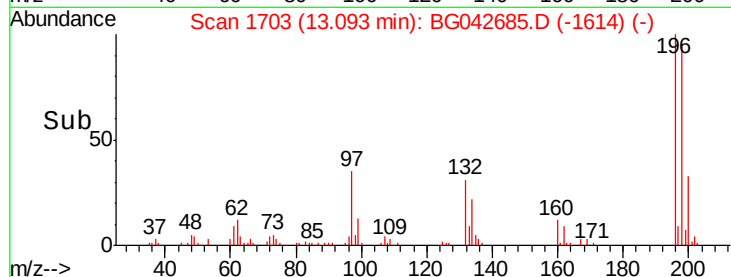
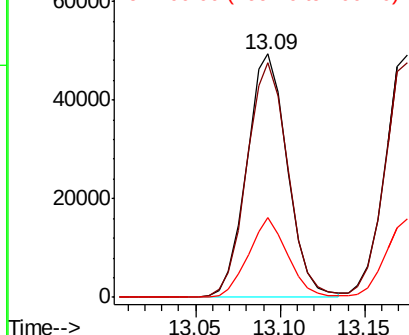
#43
 2,4,6-Trichlorophenol
 Concen: 43.340 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 82475
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.7 121.1
 200 32.6 25.7 38.5

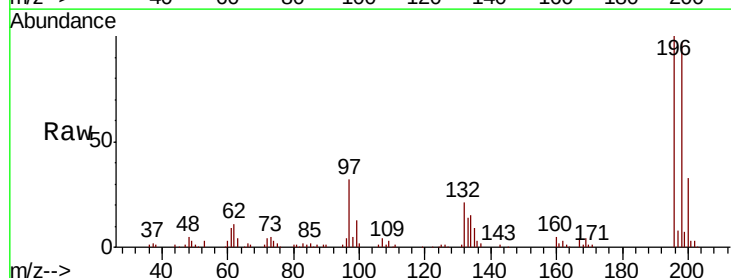


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

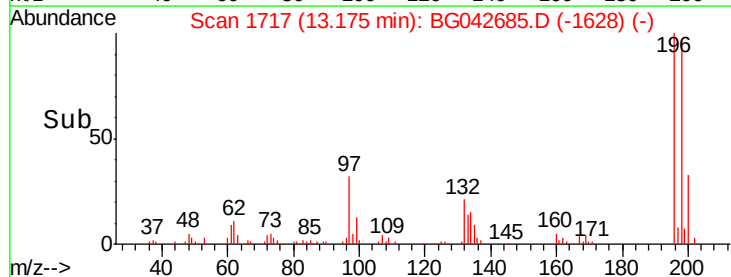
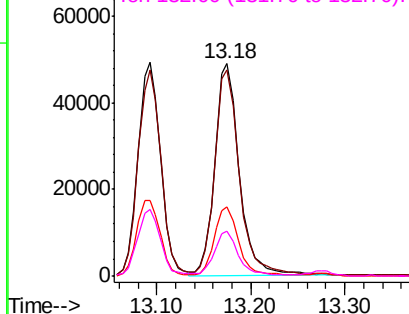


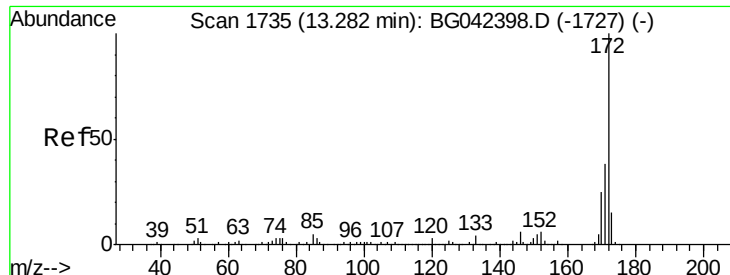
#44
 2,4,5-Trichlorophenol
 Concen: 45.469 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:196 Resp: 89665
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.2 120.4
 97 32.3 26.3 39.5
 132 21.1 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

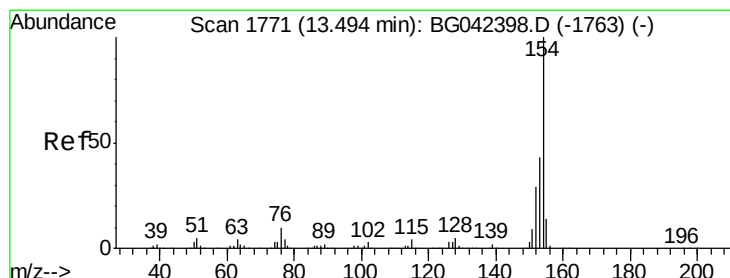
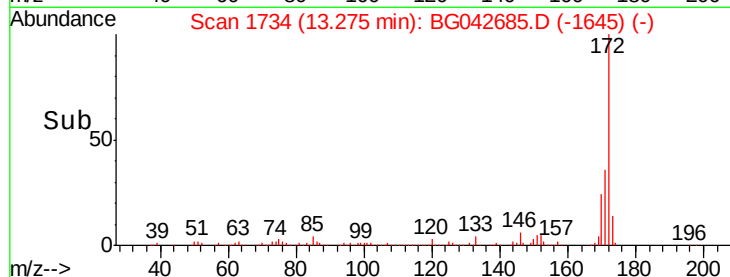
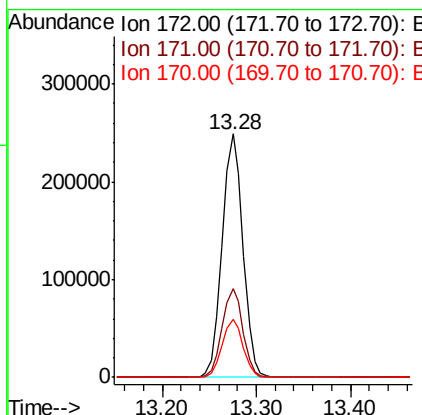
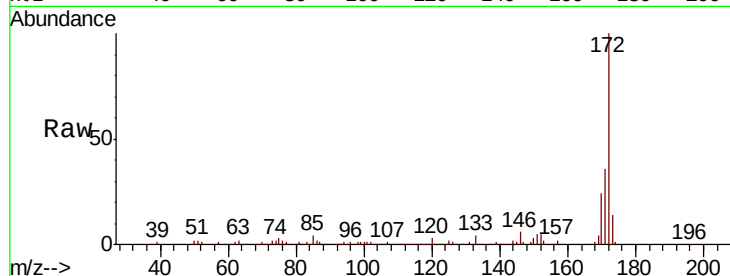




#45
 2-Fluorobiphenyl
 Concen: 73.949 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

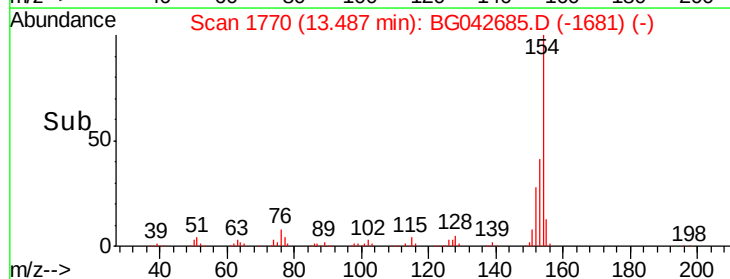
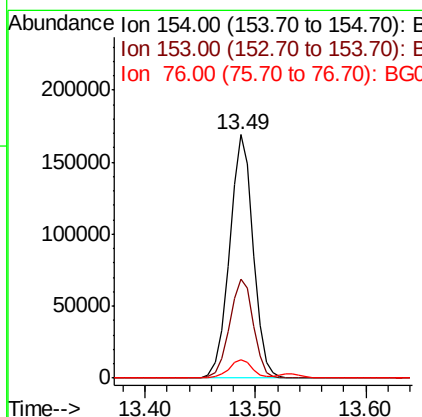
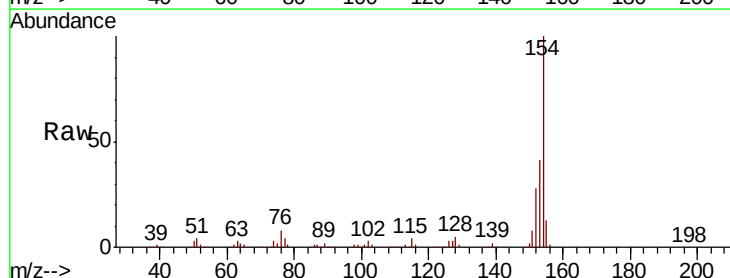
Instrument :
 BNA_G
 ClientSampleId :

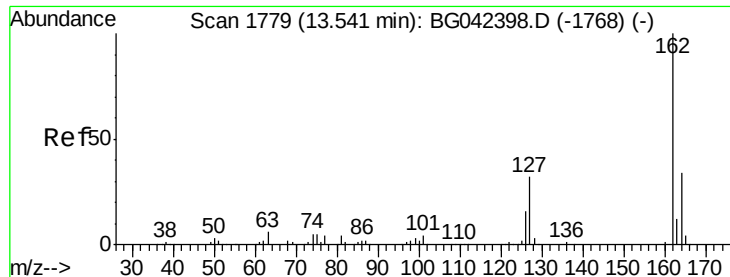
Tot Ion:172 Resp: 383311
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.5 45.7
 170 23.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 44.578 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:154 Resp: 252617
 Ion Ratio Lower Upper
 154 100
 153 40.9 23.0 63.0
 76 7.6 0.0 29.6

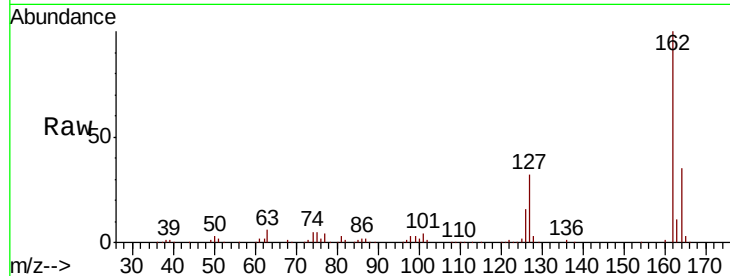




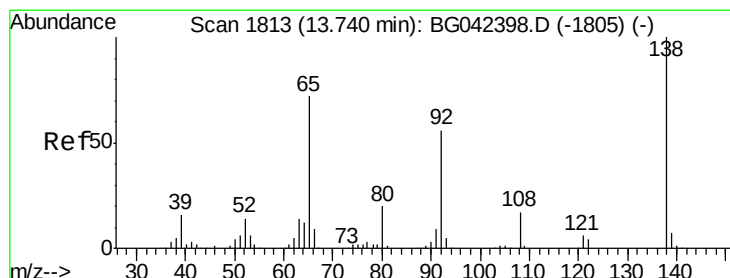
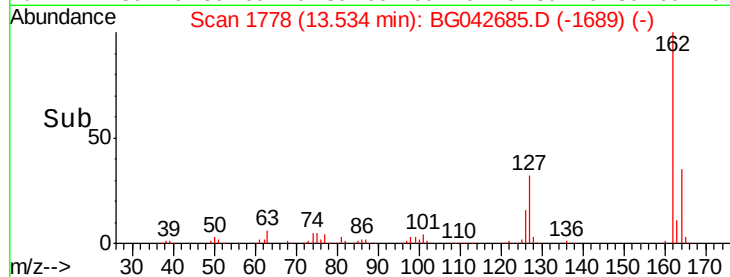
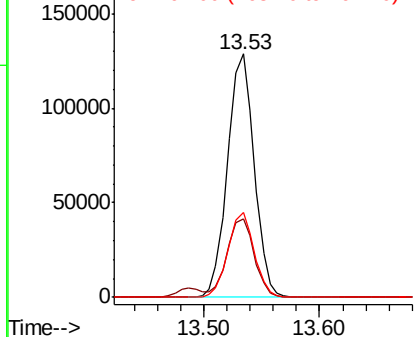
#47
2-Chloronaphthalene
Concen: 42.170 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 206056
Ion Ratio Lower Upper
162 100
127 32.3 26.0 39.0
164 34.7 27.4 41.0

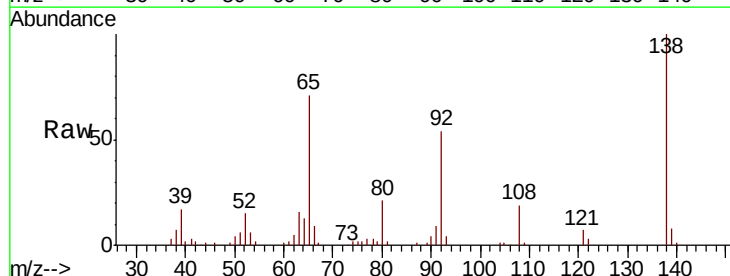


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

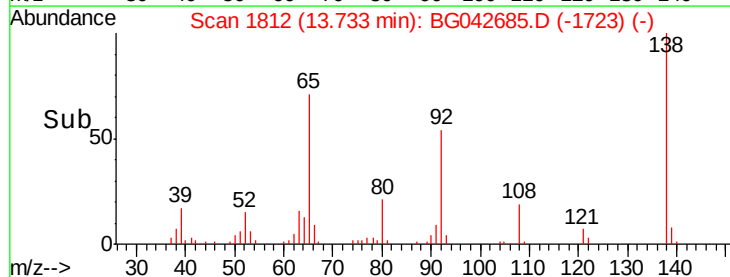
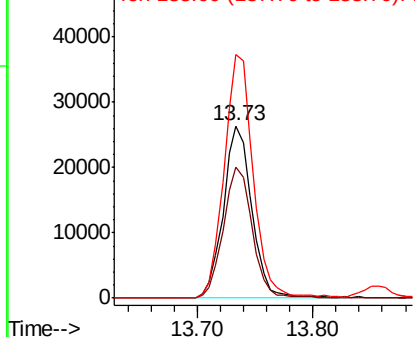


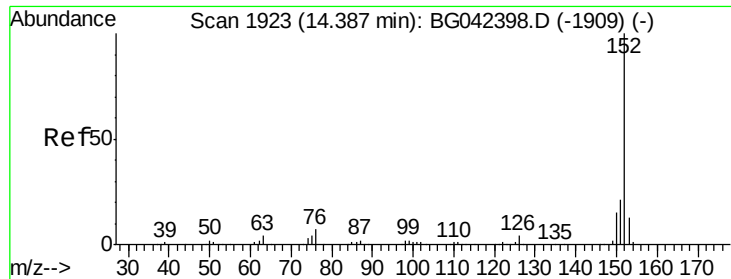
#48
2-Nitroaniline
Concen: 38.073 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion: 65 Resp: 44862
Ion Ratio Lower Upper
65 100
92 76.1 61.8 92.6
138 141.3 111.0 166.6



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: 44.893 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampled :

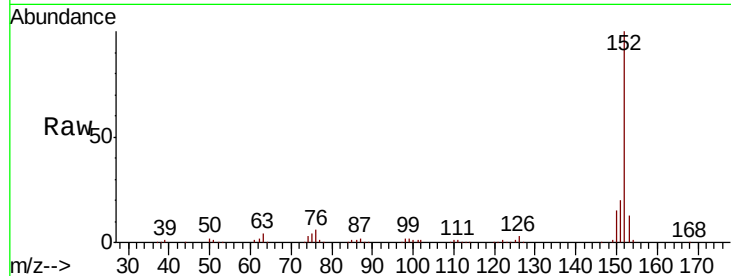
Tot Ion:152 Resp: 330021

Ion Ratio Lower Upper

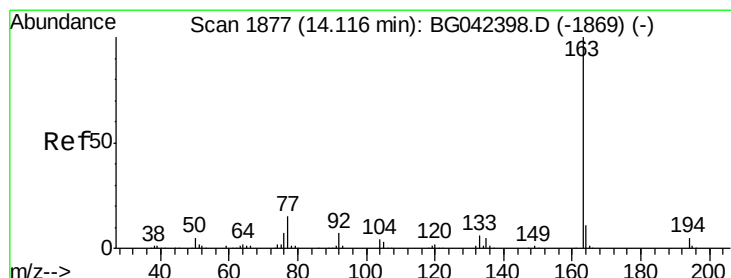
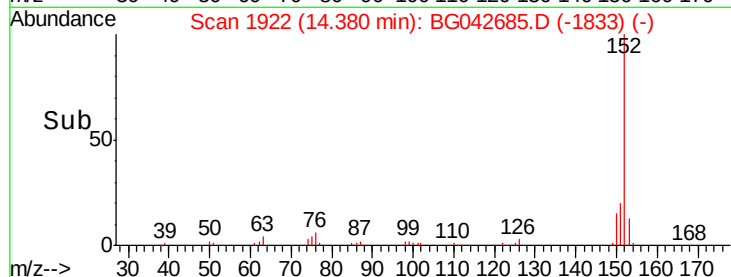
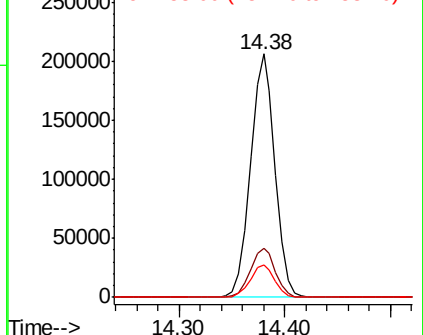
152 100

151 20.3 17.0 25.4

153 13.3 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: 40.960 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

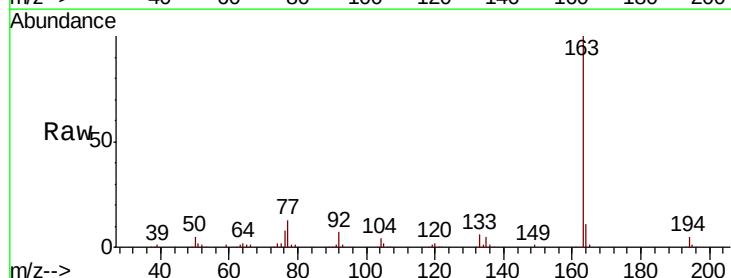
Tgt Ion:163 Resp: 259092

Ion Ratio Lower Upper

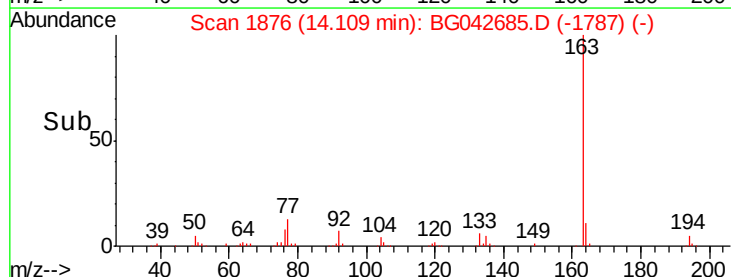
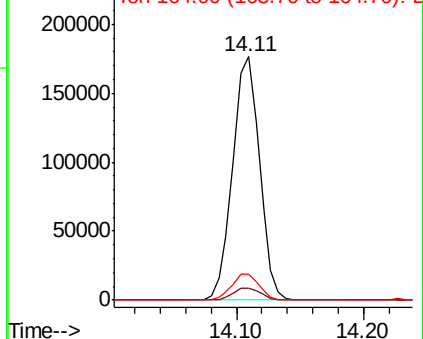
163 100

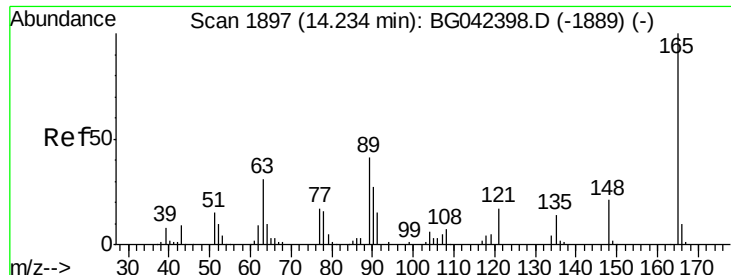
194 4.8 4.2 6.2

164 10.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

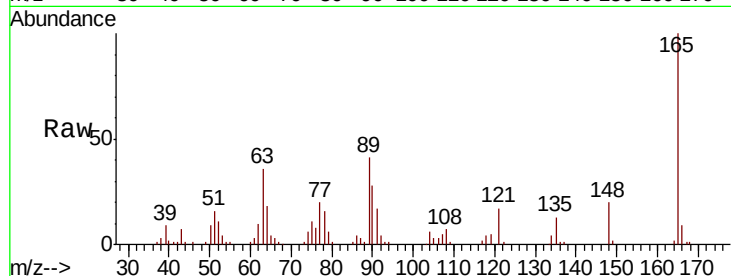




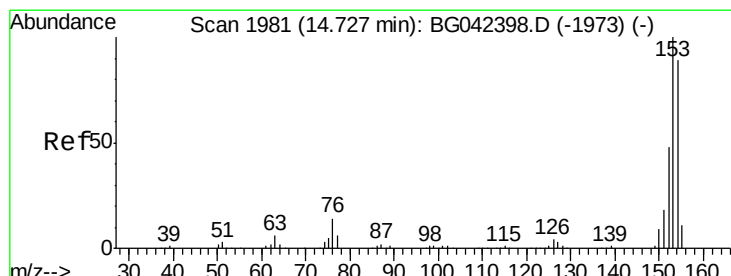
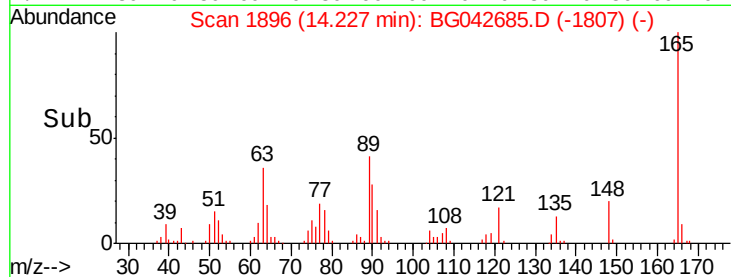
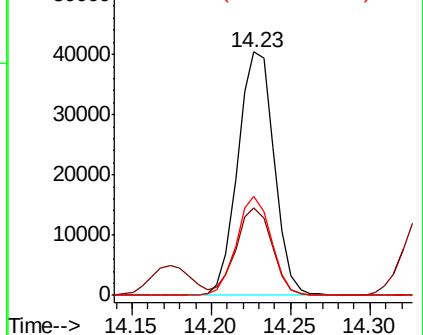
#51
 2,6-Dinitrotoluene
 Concen: 43.675 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 64036
 Ion Ratio Lower Upper
 165 100
 63 36.2 30.6 45.8
 89 40.7 32.6 49.0

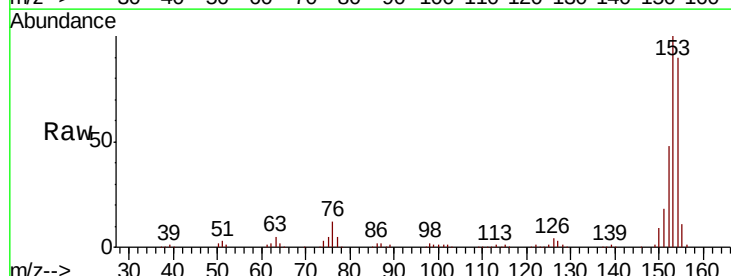


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

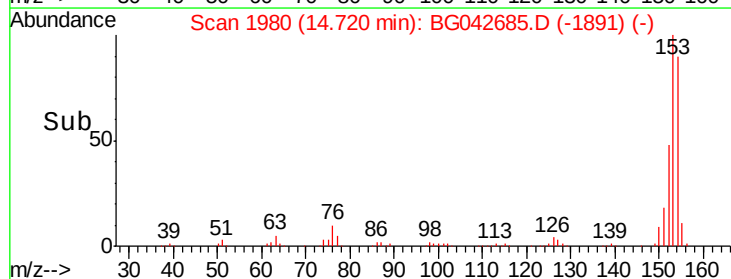
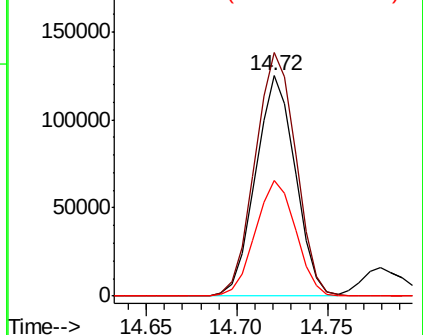


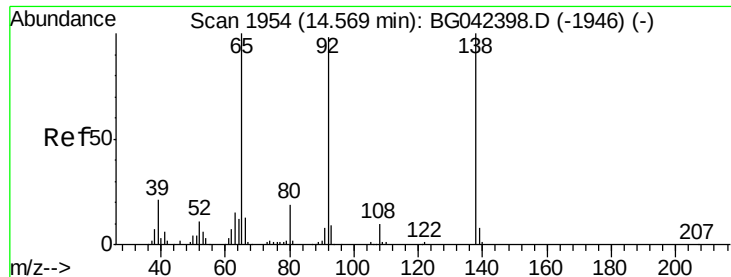
#52
 Acenaphthene
 Concen: 42.724 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:154 Resp: 190714
 Ion Ratio Lower Upper
 154 100
 153 110.5 90.2 135.4
 152 52.6 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

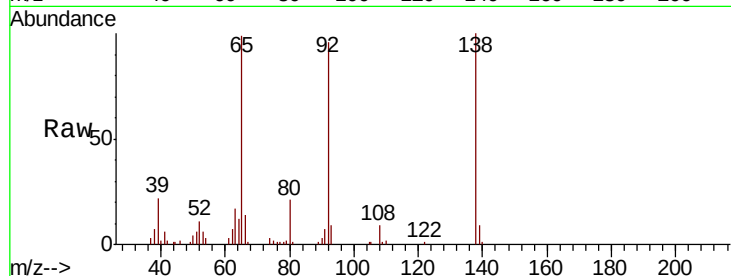




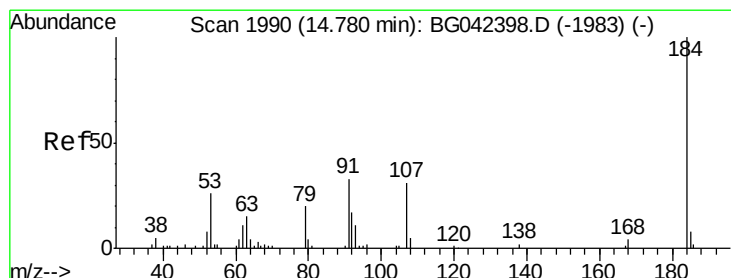
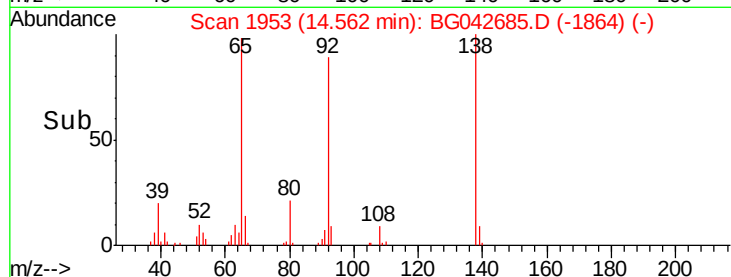
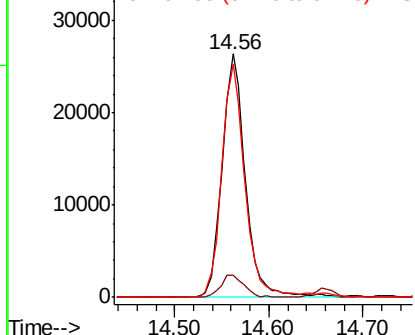
#53
3-Nitroaniline
Concen: 30.941 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 45370
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 95.8 78.2 117.4

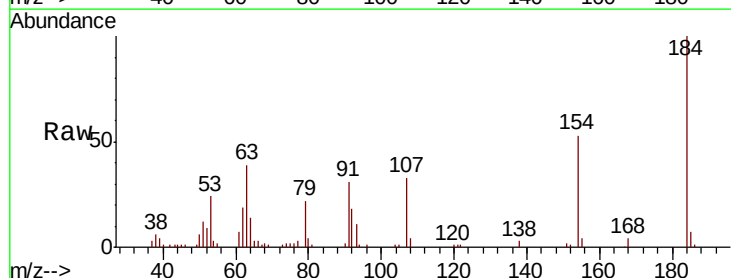


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

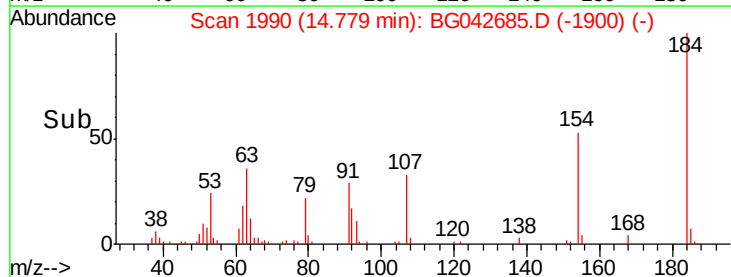
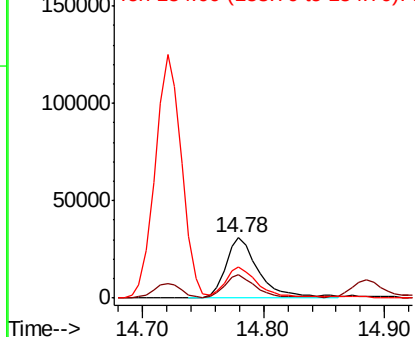


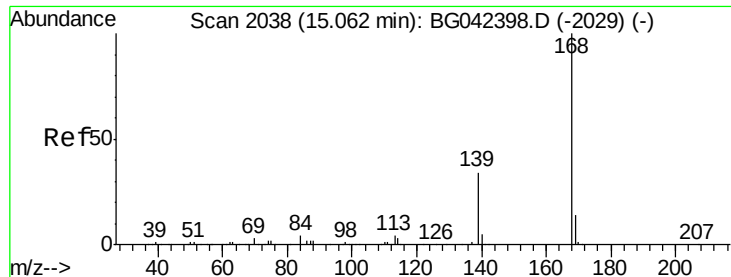
#54
2,4-Dinitrophenol
Concen: 61.602 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:184 Resp: 59341
Ion Ratio Lower Upper
184 100
63 39.1 31.7 47.5
154 52.6 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

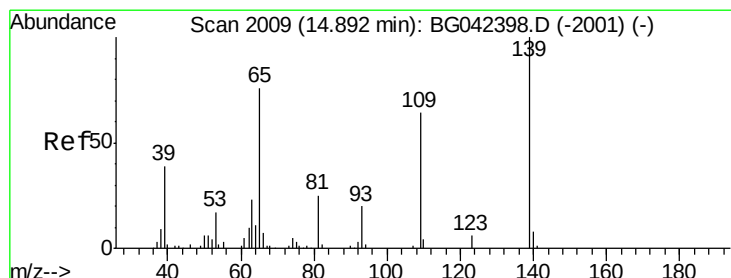
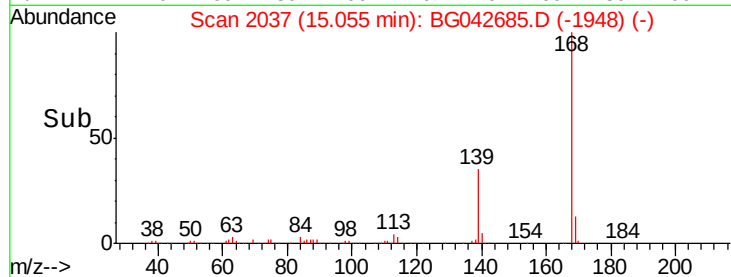
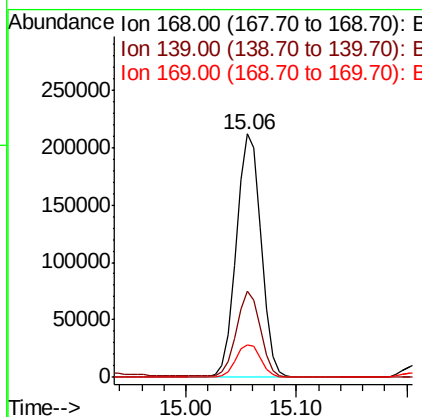
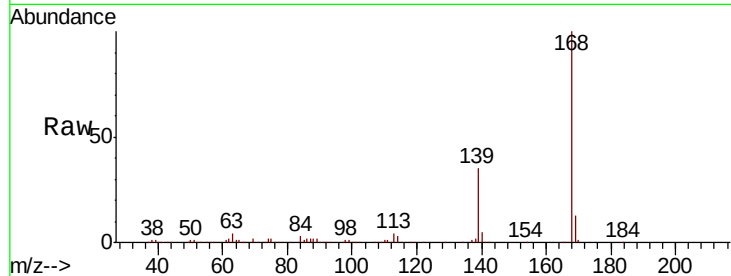




#55
Dibenzenofuran
Concen: 45.188 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

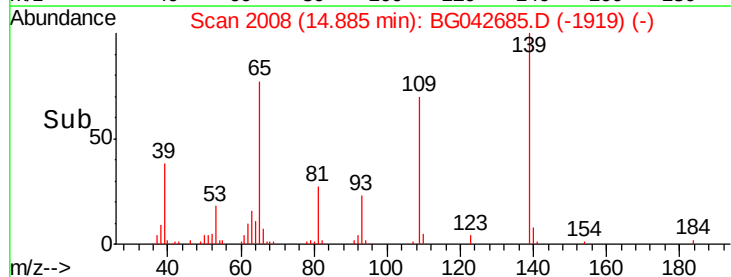
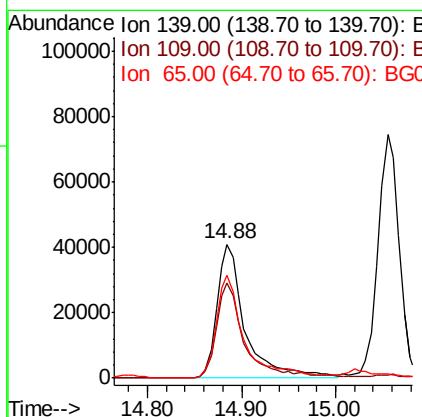
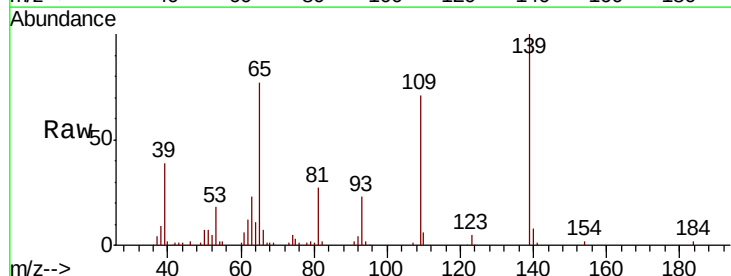
Instrument :
BNA_G
ClientSampleId :

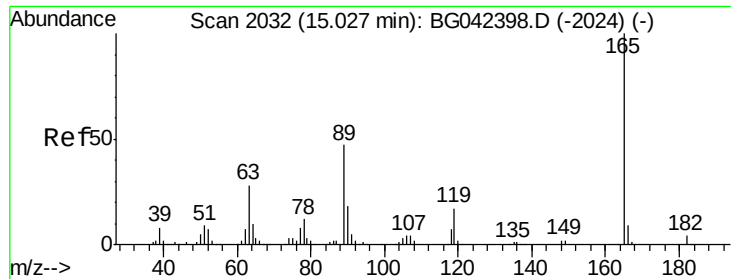
Tot Ion:168 Resp: 333891
Ion Ratio Lower Upper
168 100
139 35.2 27.2 40.8
169 13.5 11.5 17.3



#56
4-Nitrophenol
Concen: 81.761 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:139 Resp: 85191
Ion Ratio Lower Upper
139 100
109 71.1 43.9 83.9
65 76.8 56.3 96.3

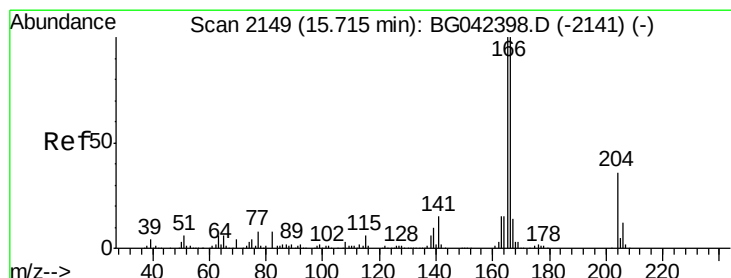
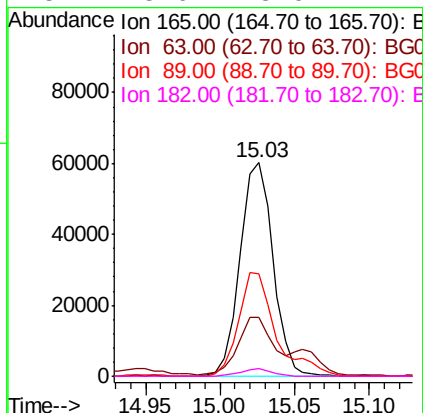
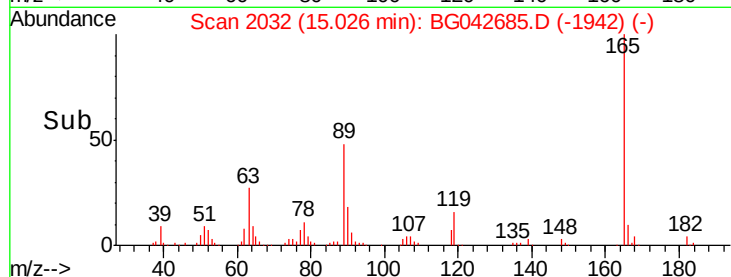
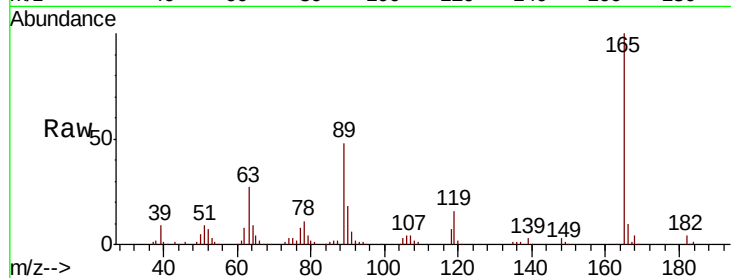




#57
 2,4-Dinitrotoluene
 Concen: 44.003 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

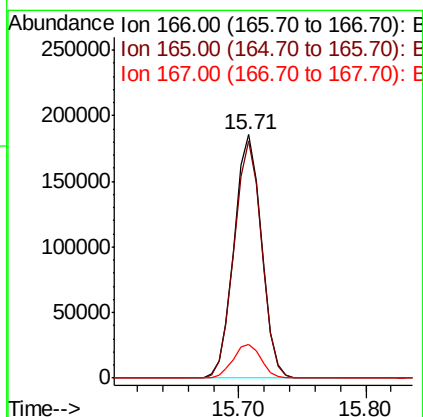
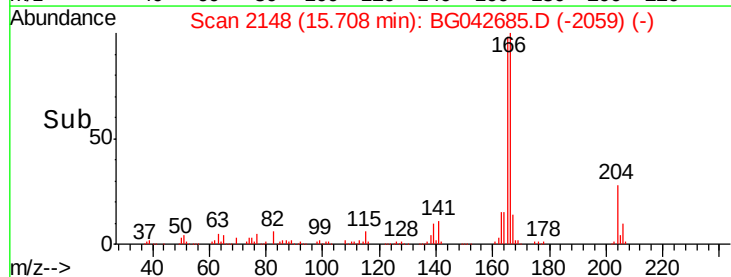
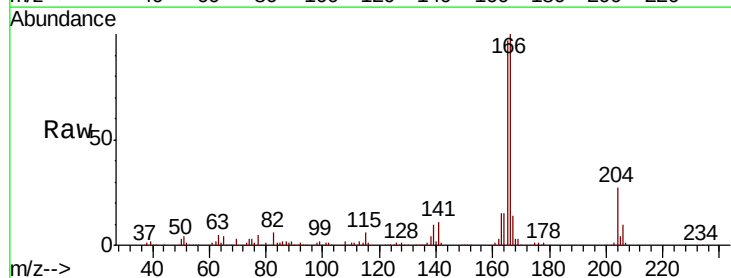
Instrument :
 BNA_G
 ClientSampleId :

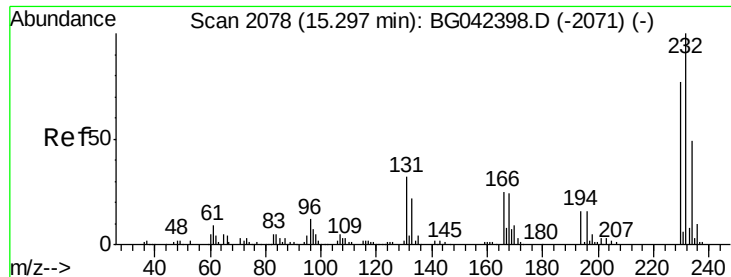
Tot Ion:165	Resp: 92387
Ion Ratio	Lower Upper
165 100	
63 27.4	22.5 33.7
89 47.7	37.8 56.6
182 3.6	3.0 4.4



#58
 Fluorene
 Concen: 45.719 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt	Ion:166	Resp:	276147
Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.7	119.5
167	13.7	10.9	16.3

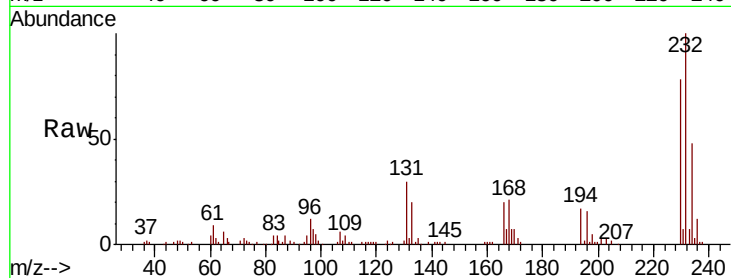




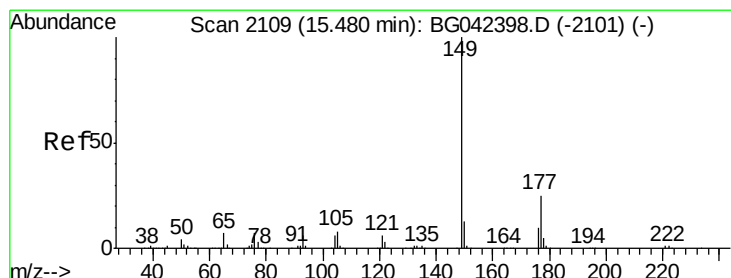
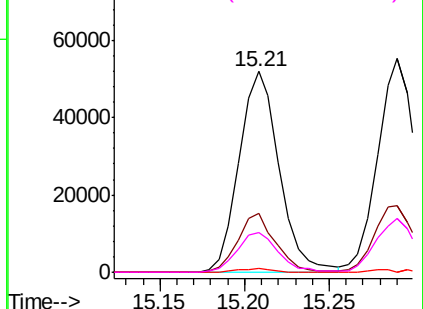
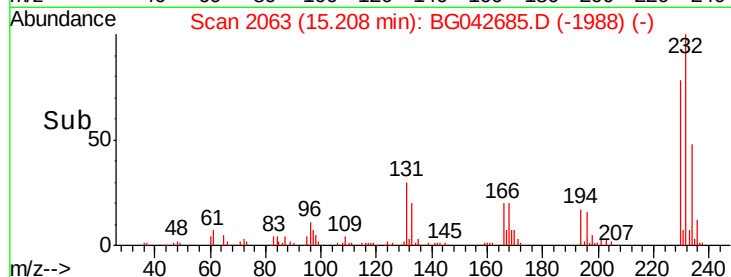
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.910 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	85632
Ion	Ratio	Lower	Upper
232	100		
131	27.8	22.9	34.3
130	1.4	1.4	2.0
166	20.4	17.0	25.4

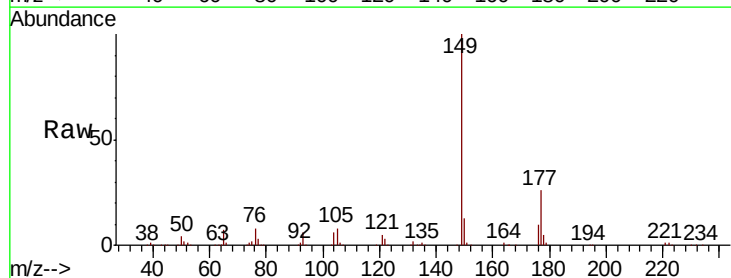


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

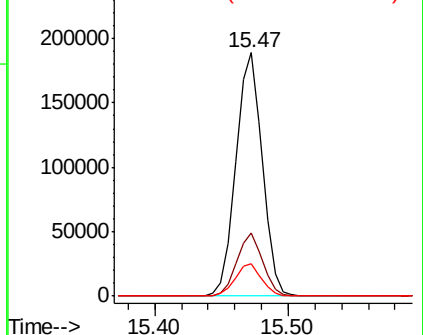
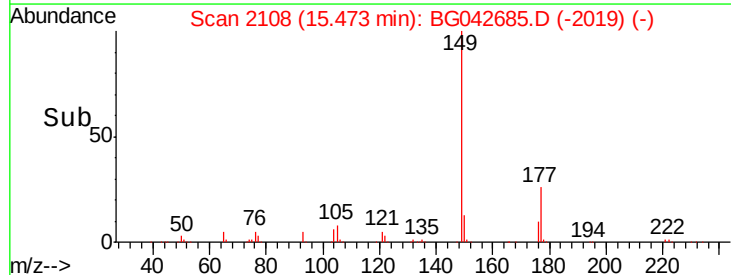


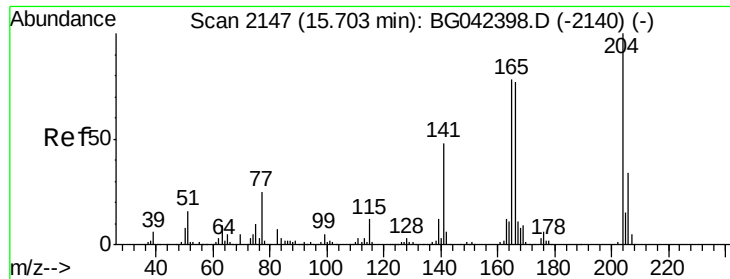
#60
 Diethylphthalate
 Concen: 41.805 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:	149	Resp:	258500
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.4	30.6
150	13.4	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

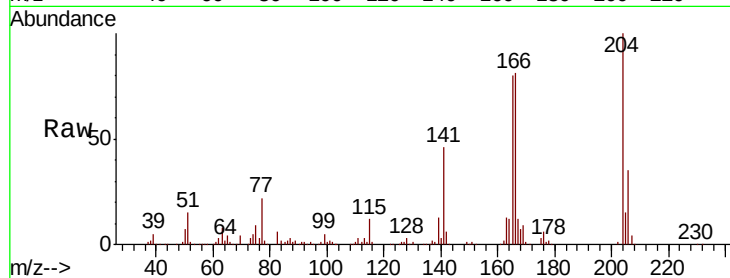




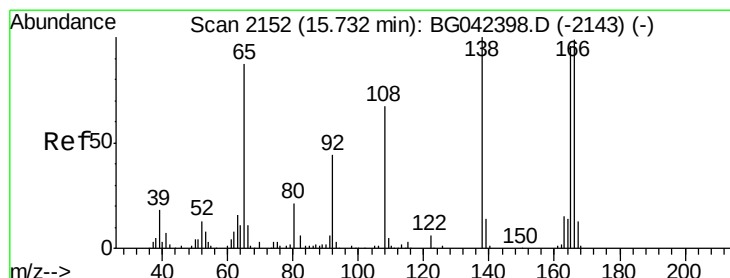
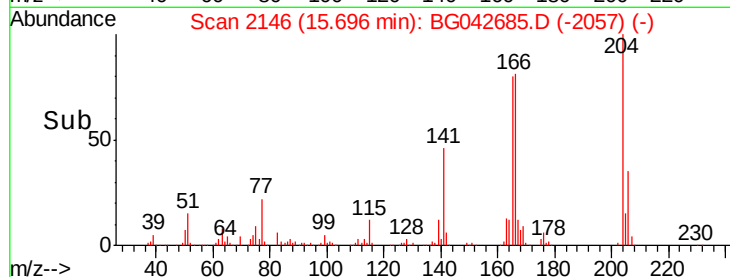
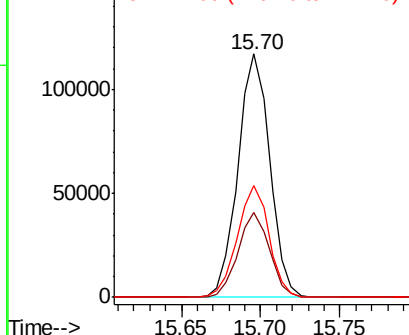
#61
 4-Chlorophenyl-phenylether
 Concen: 44.758 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 162964
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.2 40.8
 141 45.7 38.7 58.1

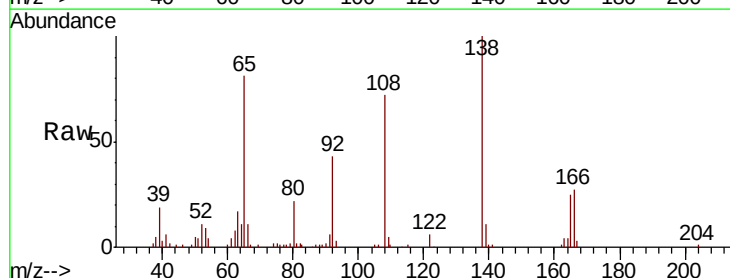


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

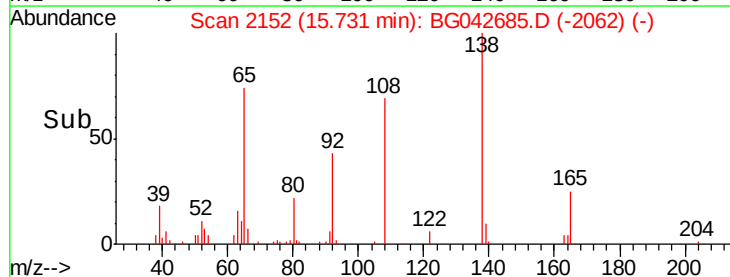
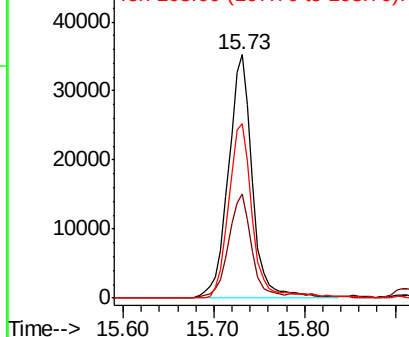


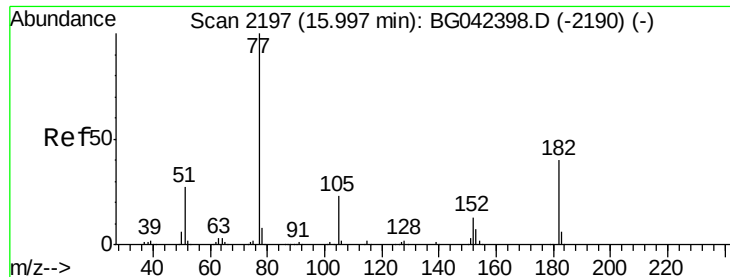
#62
 4-Nitroaniline
 Concen: 41.438 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:138 Resp: 65031
 Ion Ratio Lower Upper
 138 100
 92 42.9 24.2 64.2
 108 71.8 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

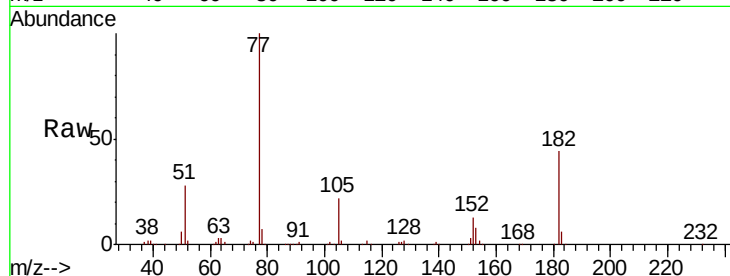




#63
Azobenzene
Concen: 41.017 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	173792
Ion	Ratio	Lower	Upper
77	100		
182	43.9	19.9	59.9
105	22.3	2.9	42.9
51	27.6	7.6	47.6



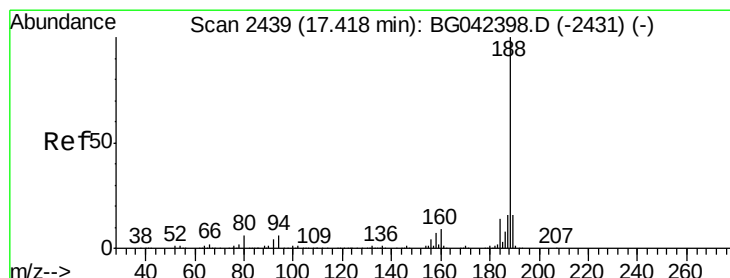
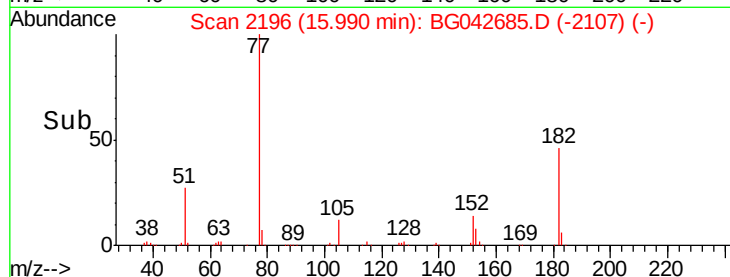
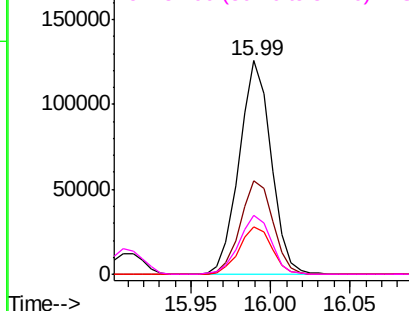
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

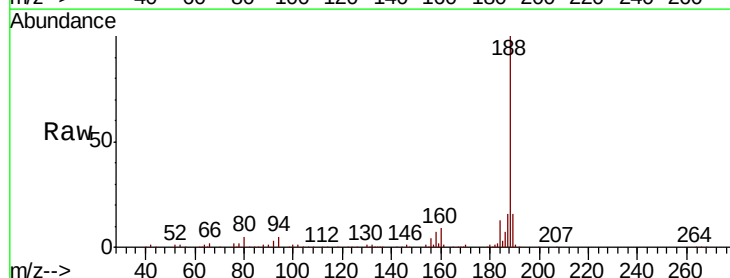
Ion 105.00 (104.70 to 105.70): BGC

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: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:	188	Resp:	213891
Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.5	6.7
80	5.1	4.9	7.3

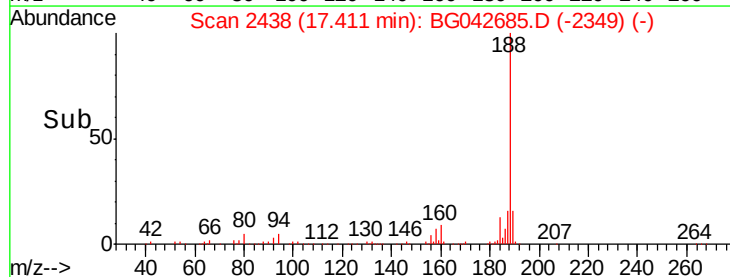
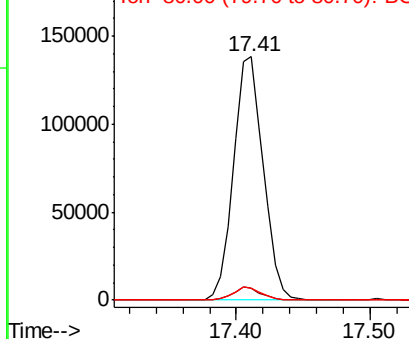


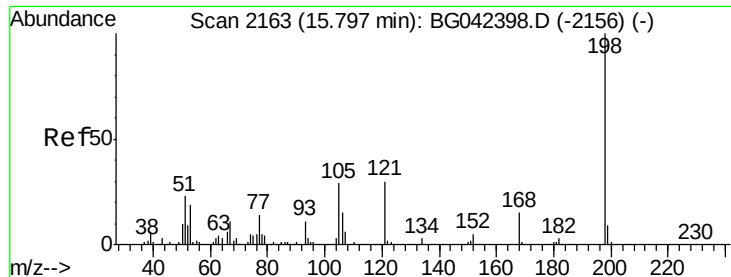
Abundance

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: 39.977 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

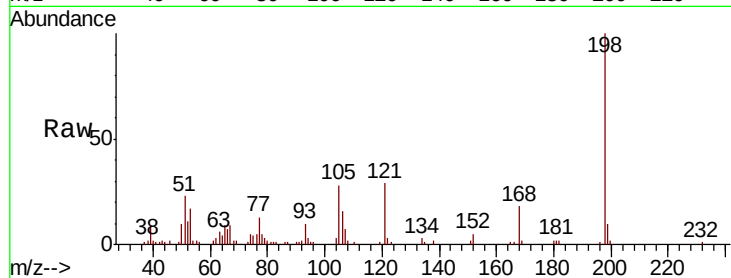
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 53609

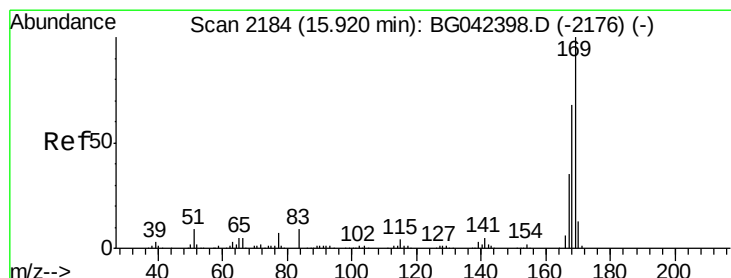
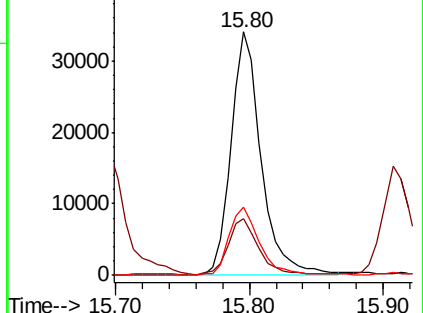
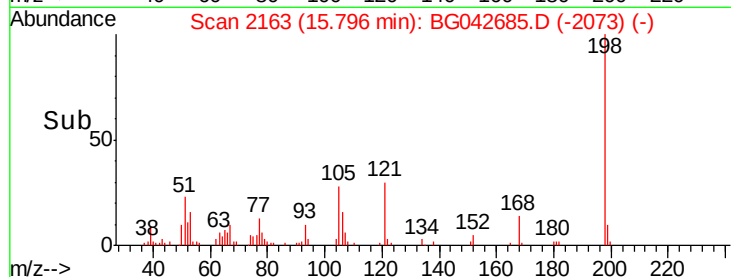
Ion	Ratio	Lower	Upper
198	100		
51	23.2	4.2	44.2
105	28.2	8.8	48.8



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: 43.289 ng

RT: 15.91 min Scan# 2183

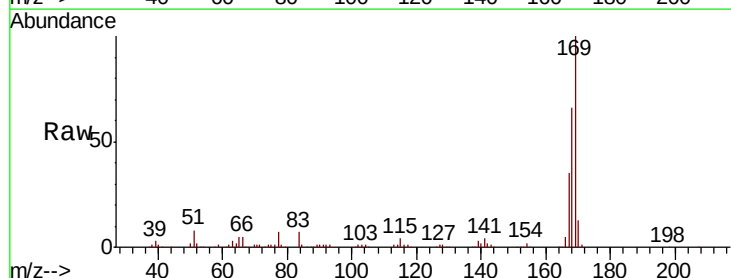
Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Tgt Ion:169 Resp: 254631

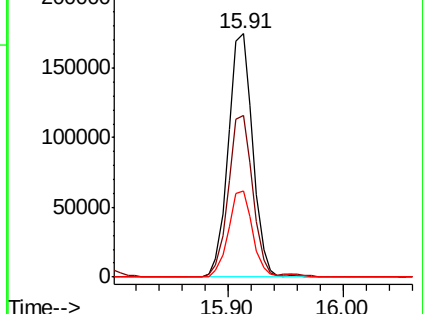
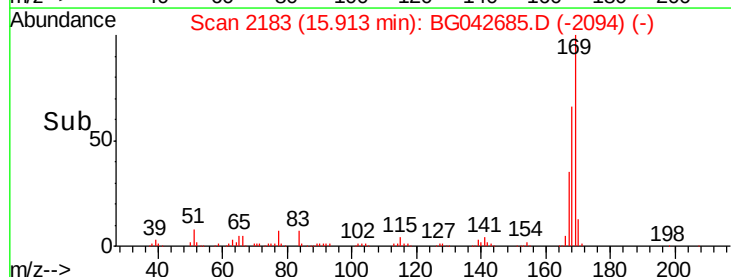
Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.3	81.5
167	35.4	28.2	42.2

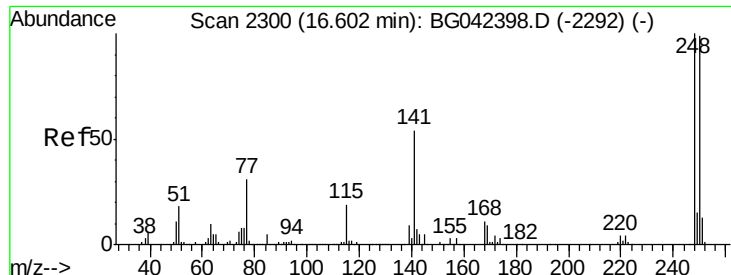


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

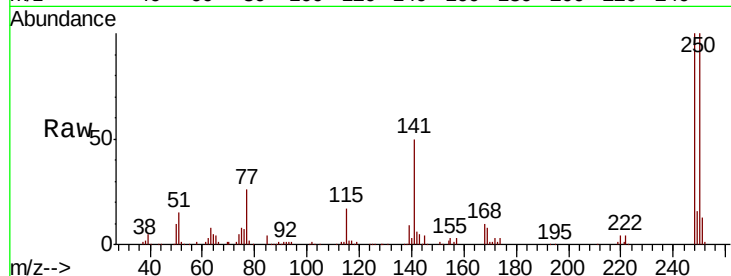




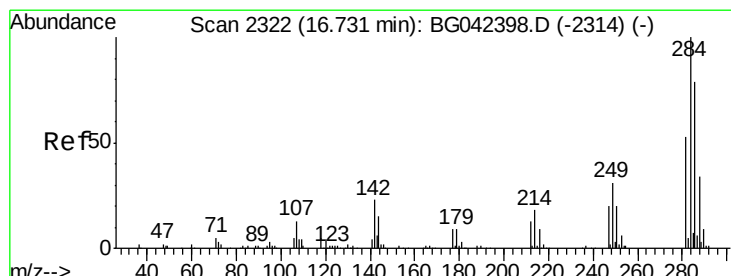
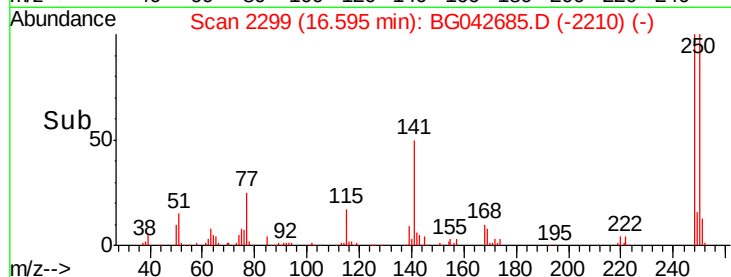
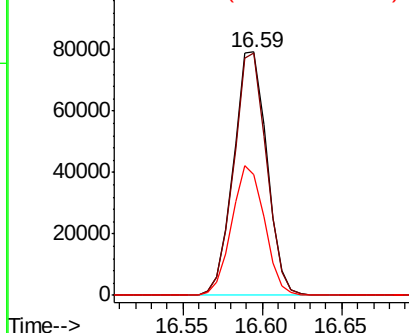
#67
 4-Bromophenyl-phenylether
 Concen: 42.571 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 115498
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.9 118.3
 141 49.8 43.3 64.9

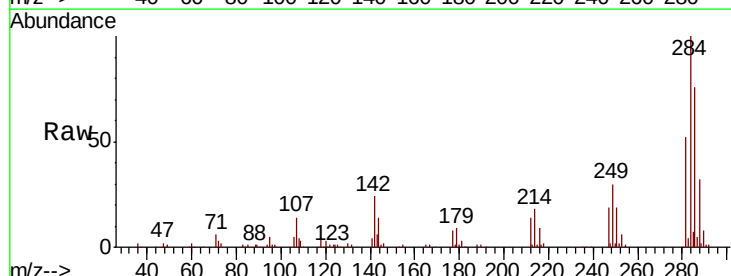


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

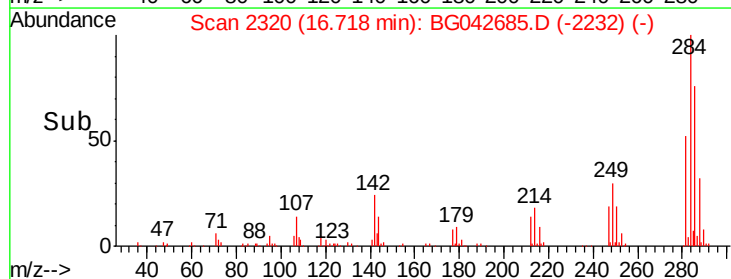
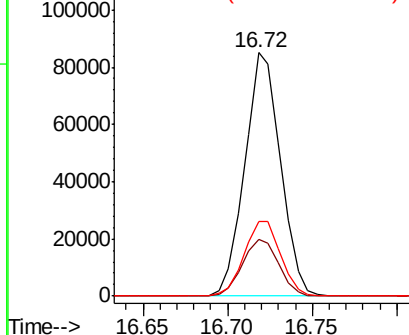


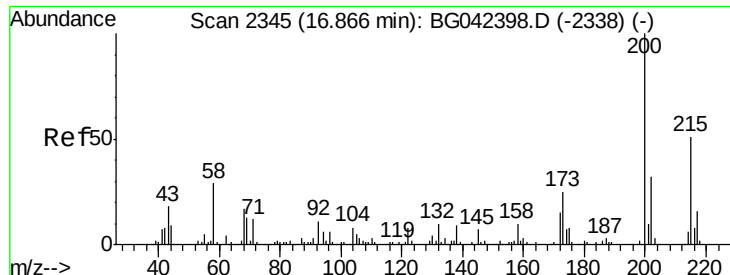
#68
 Hexachlorobenzene
 Concen: 42.448 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:284 Resp: 125193
 Ion Ratio Lower Upper
 284 100
 142 23.6 18.2 27.4
 249 30.5 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: 46.223 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampled :

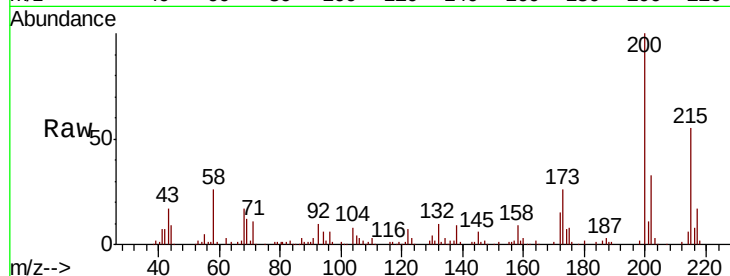
Tot Ion:200 Resp: 96149

Ion Ratio Lower Upper

200 100

173 25.9 4.9 44.9

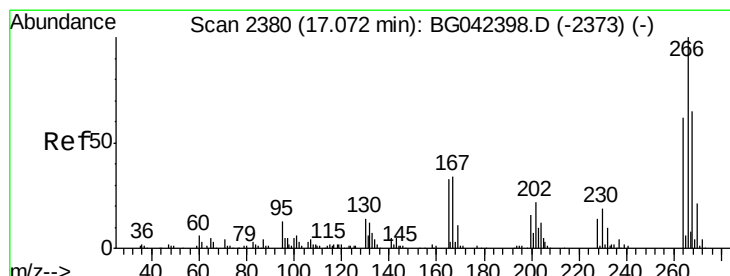
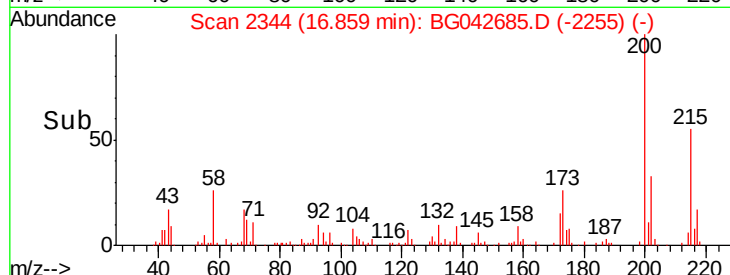
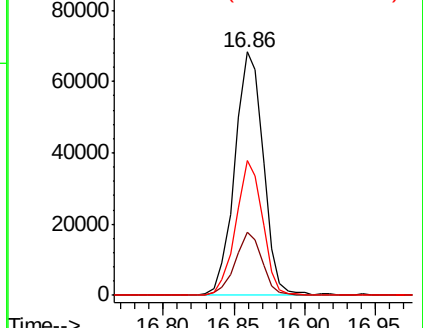
215 55.2 30.7 70.7



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: 78.617 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

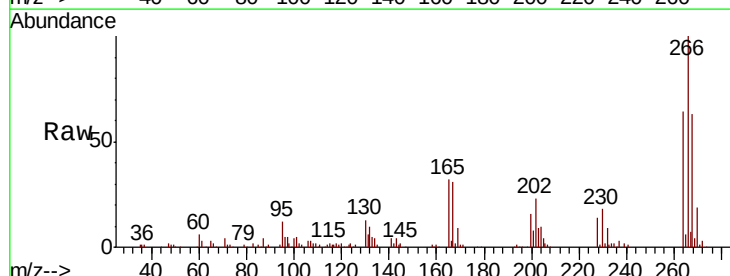
Tgt Ion:266 Resp: 120474

Ion Ratio Lower Upper

266 100

268 63.0 52.1 78.1

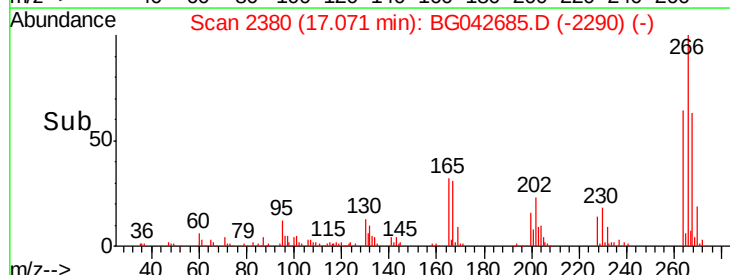
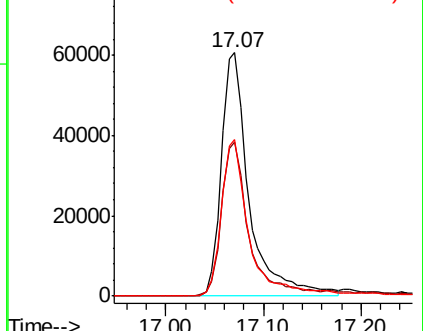
264 64.3 49.4 74.2

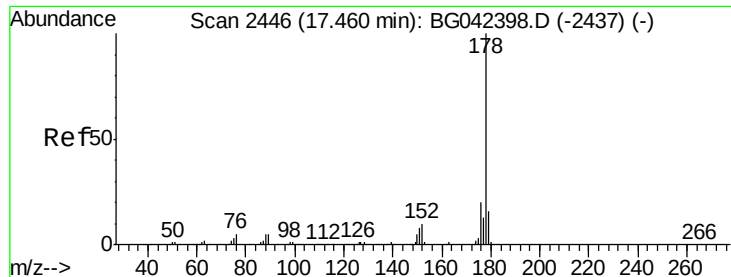


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

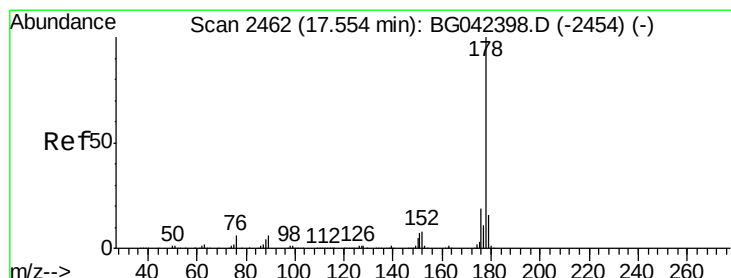
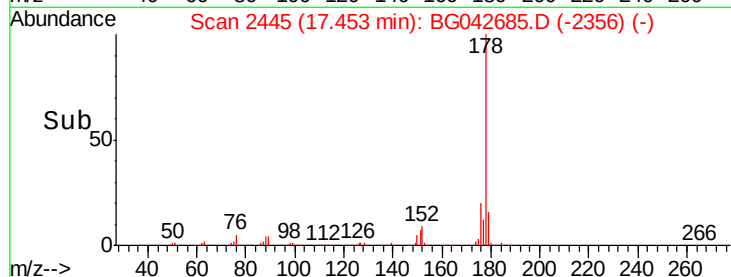
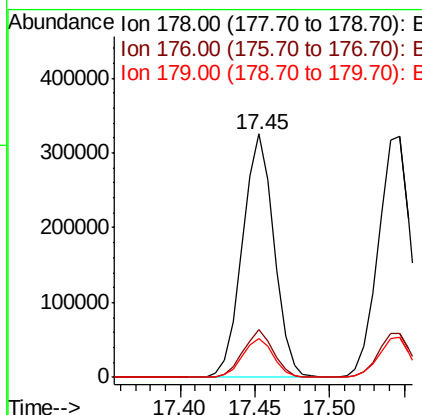
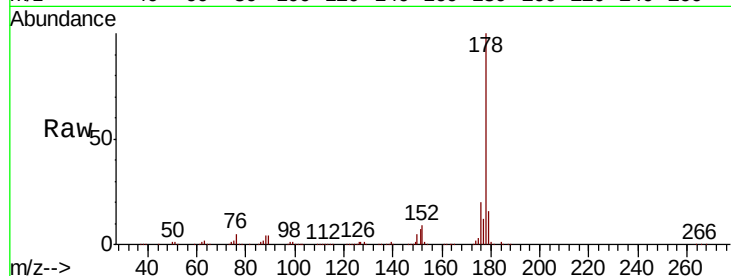




#71
Phenanthrene
Concen: 44.750 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

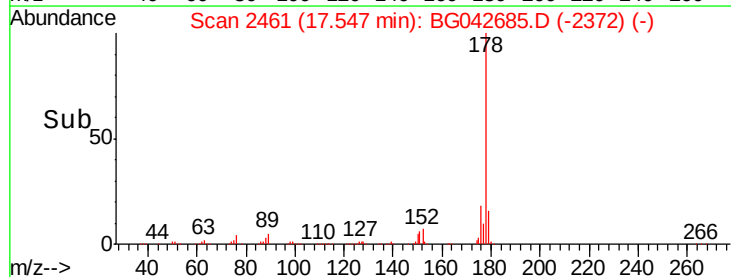
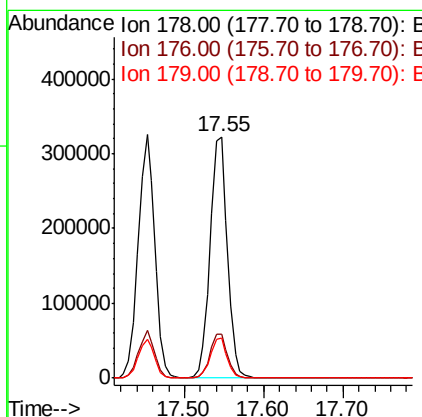
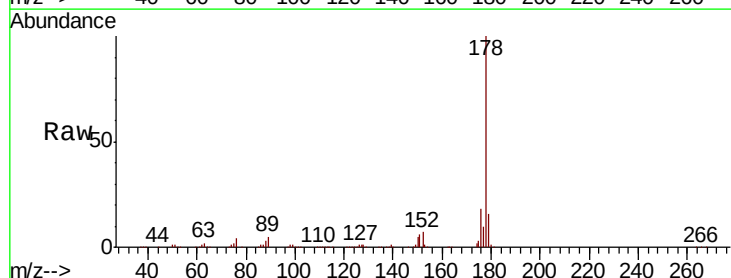
Instrument :
BNA_G
ClientSampleId :

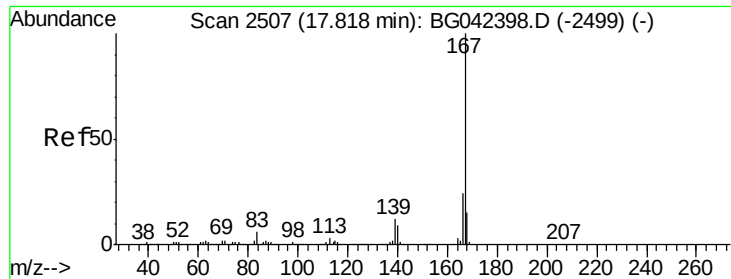
Tot Ion:178 Resp: 475436
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.9 12.7 19.1



#72
Anthracene
Concen: 46.141 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:178 Resp: 489385
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 16.4 12.9 19.3

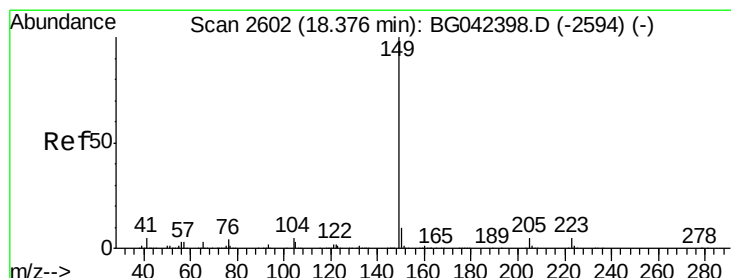
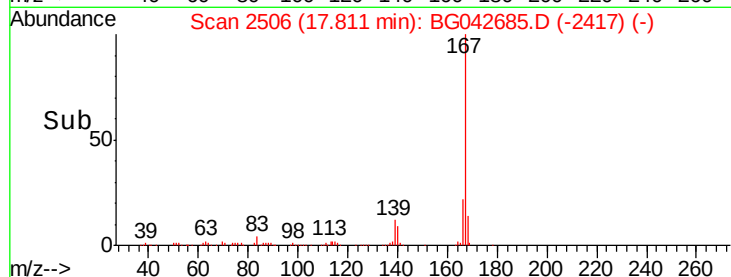
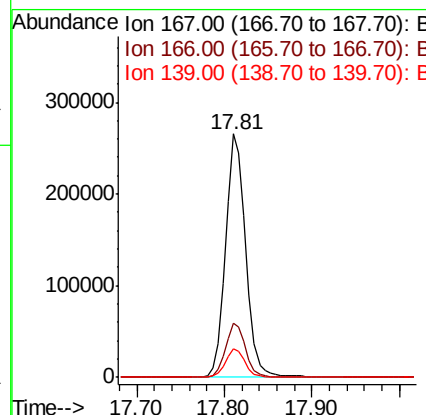
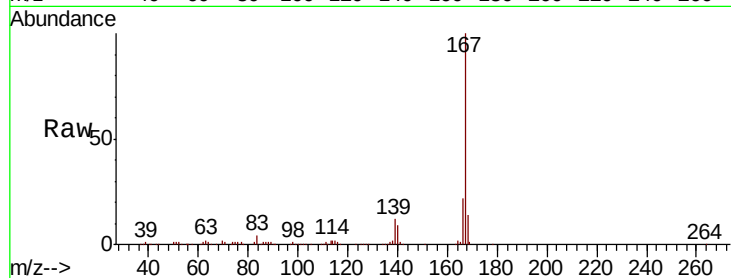




#73
 Carbazole
 Concen: 44.890 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

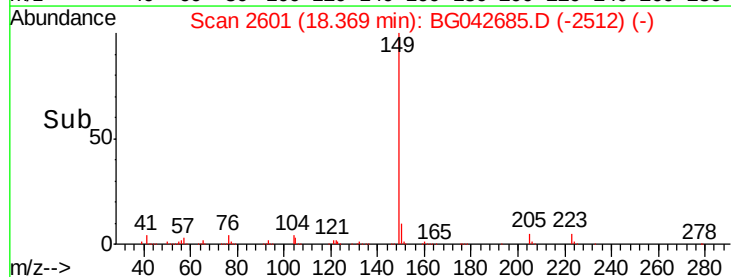
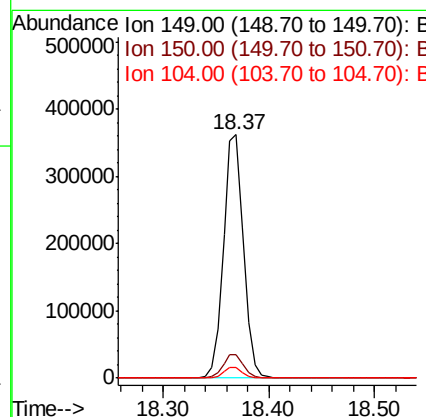
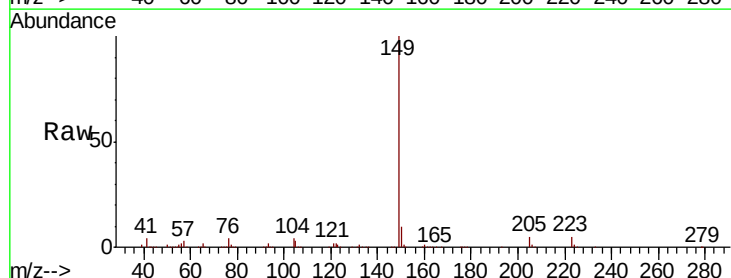
Instrument :
 BNA_G
 ClientSampleId :

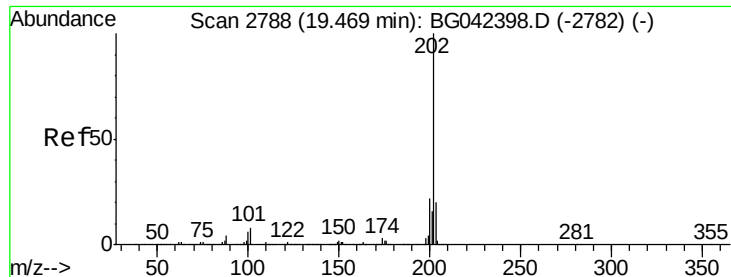
Tot Ion:167 Resp: 424331
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.9 28.3
 139 11.8 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 42.843 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:149 Resp: 478730
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.1 12.1
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 48.261 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

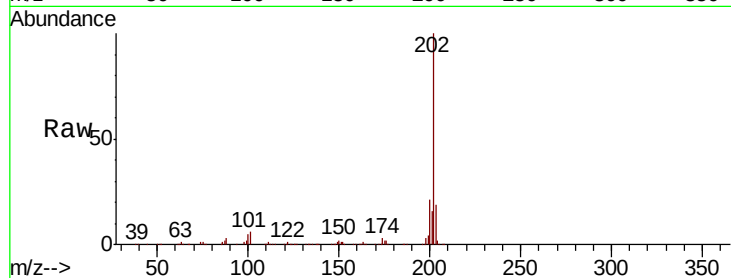
Tot Ion:202 Resp: 625763

Ion Ratio Lower Upper

202 100

101 5.9 0.0 28.3

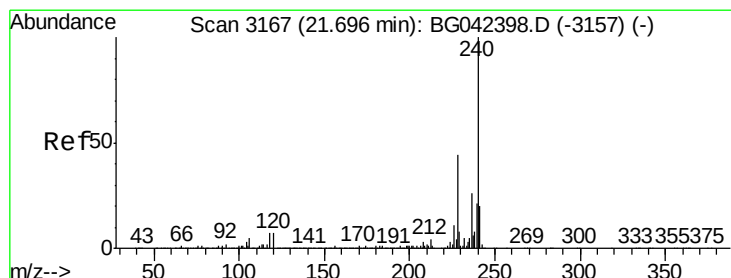
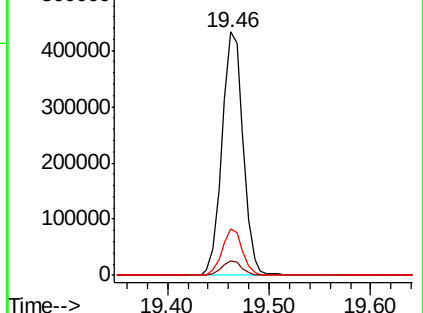
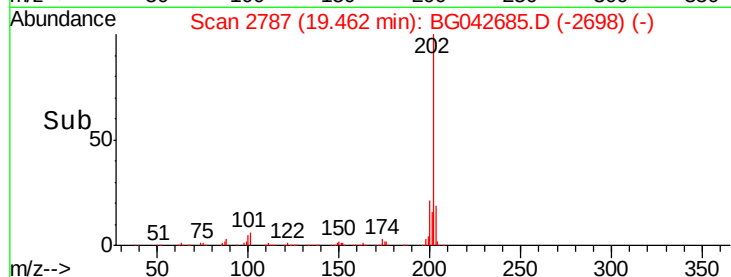
203 18.8 0.0 39.6



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: BG042685.D

Acq: 3 Sep 2019 12:44

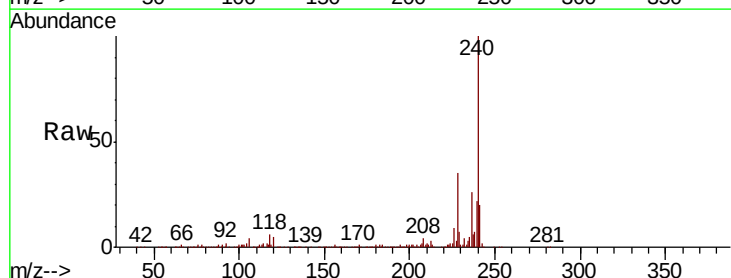
Tgt Ion:240 Resp: 231035

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

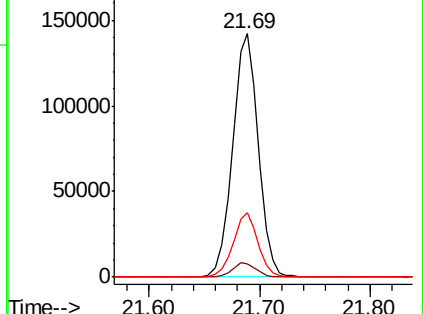
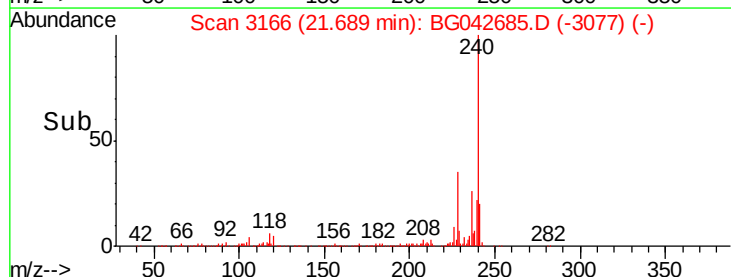
236 26.3 21.0 31.4

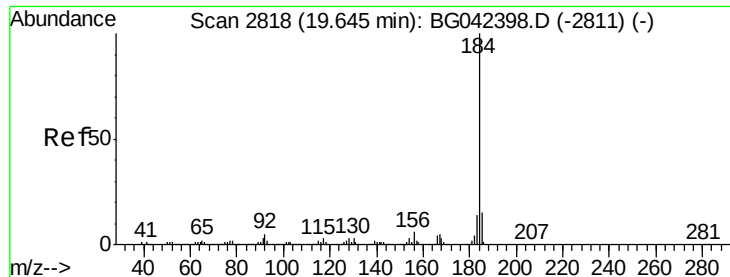


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.443 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

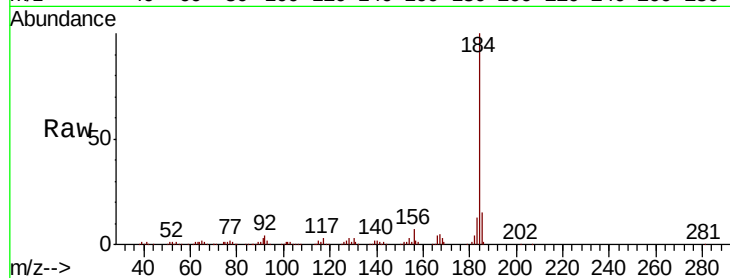
Tot Ion:184 Resp: 248017

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

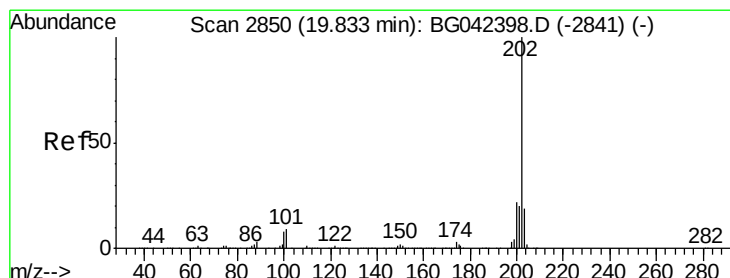
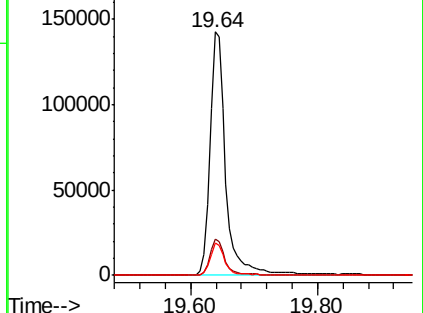
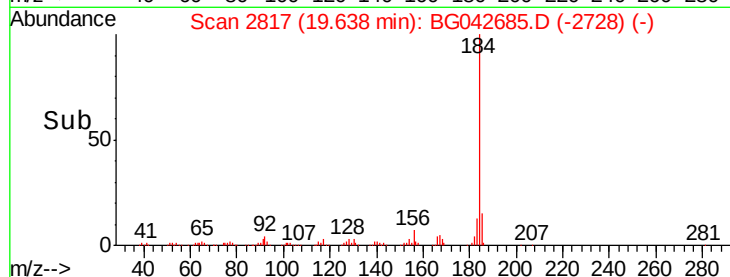
183 13.3 10.8 16.2



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: 44.710 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

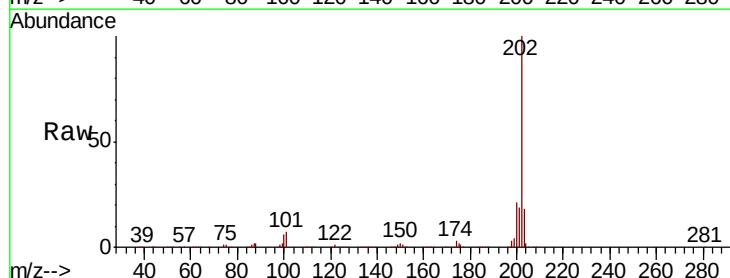
Tgt Ion:202 Resp: 633303

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

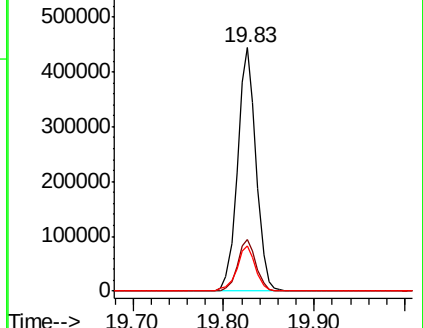
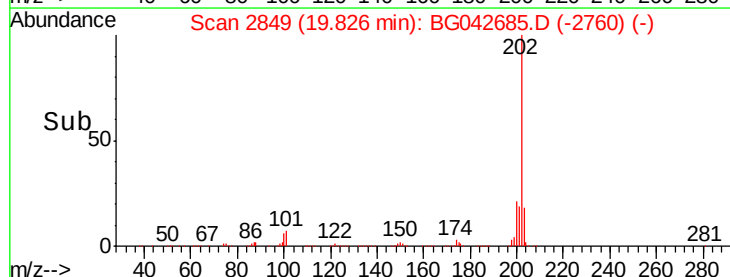
203 18.4 15.5 23.3

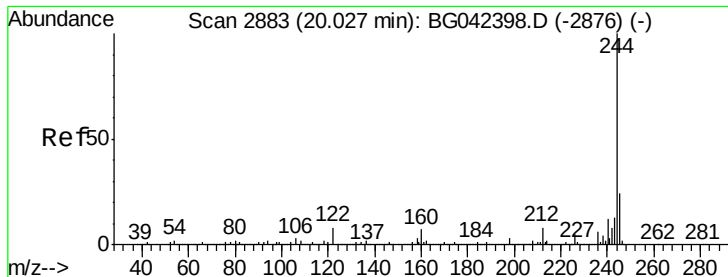


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.260 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

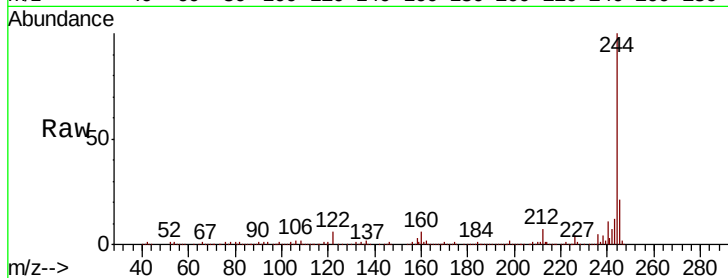
Tot Ion:244 Resp: 793587

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

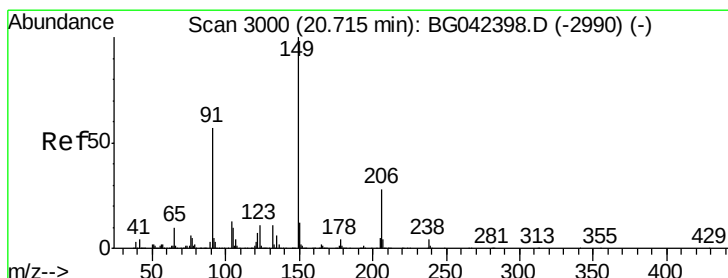
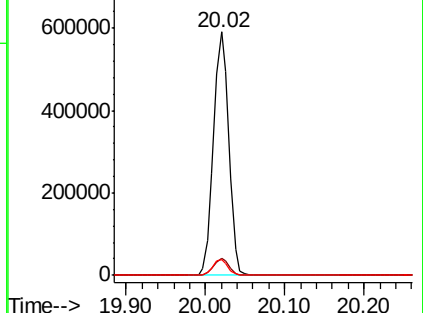
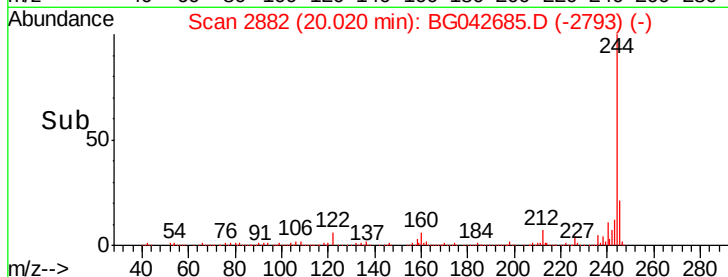
122 6.5 6.7 10.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.349 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

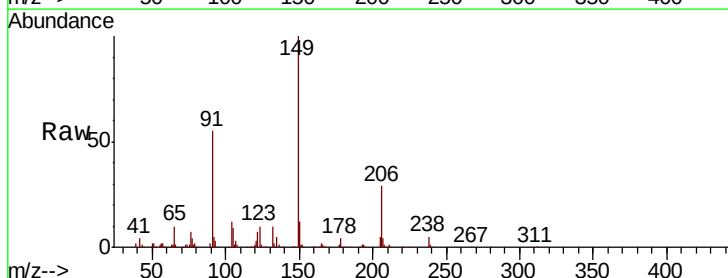
Tgt Ion:149 Resp: 224794

Ion Ratio Lower Upper

149 100

91 54.6 45.9 68.9

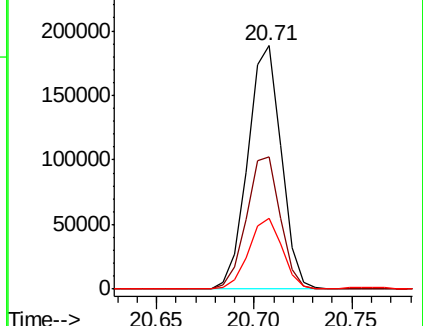
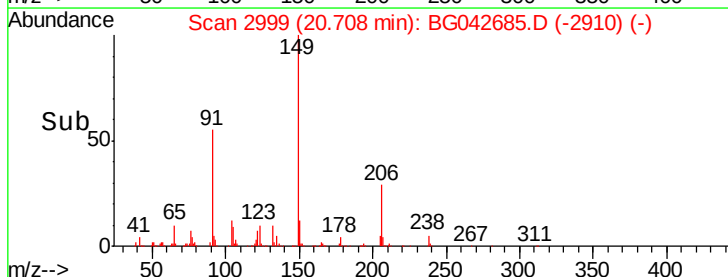
206 29.1 22.5 33.7

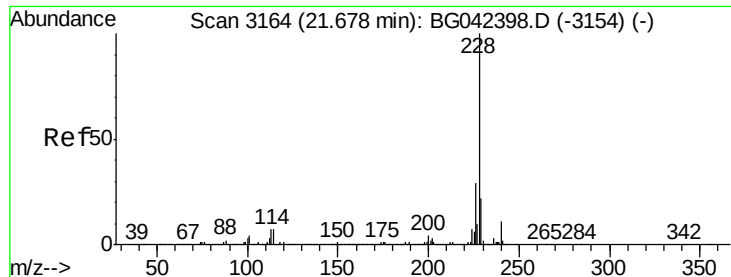


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.592 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

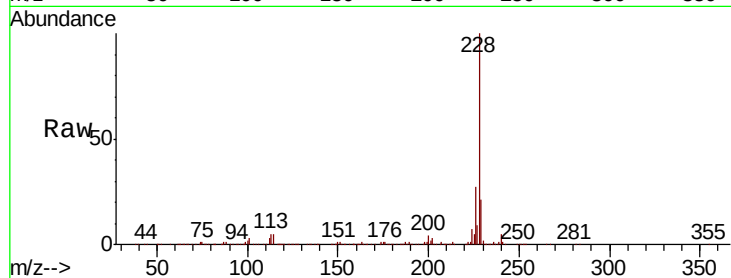
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 626715

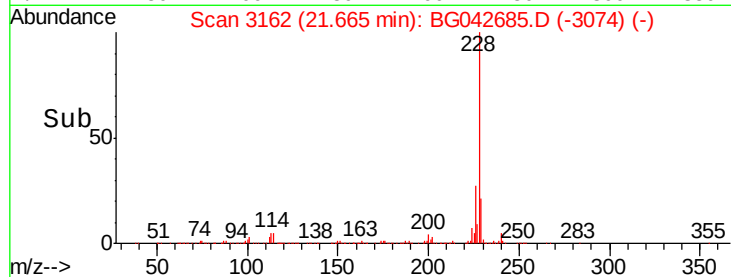
Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.2
229	20.8	17.4	26.2



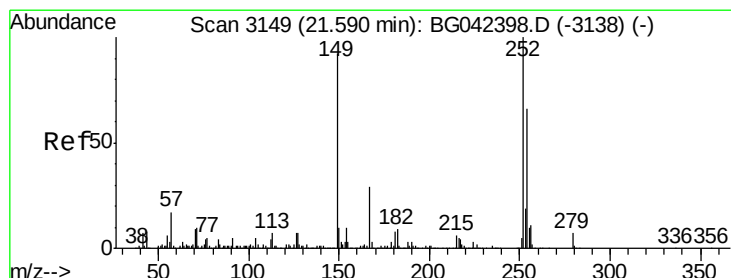
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 35.920 ng

RT: 21.58 min Scan# 3147

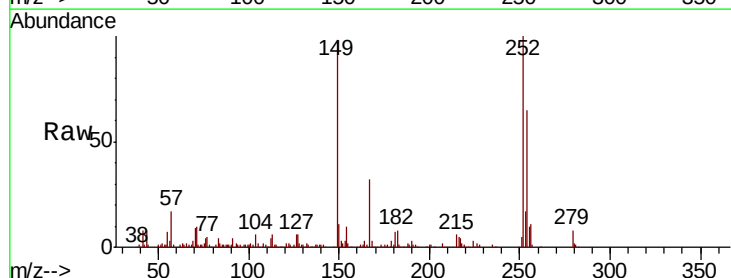
Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Tgt Ion:252 Resp: 203036

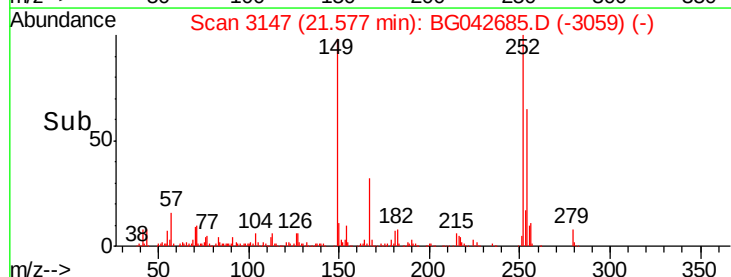
Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.0	79.4
126	6.3	5.7	8.5



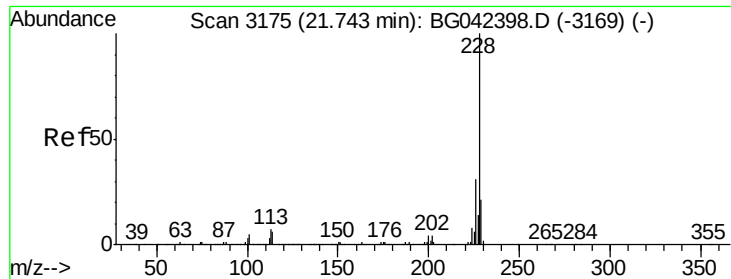
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



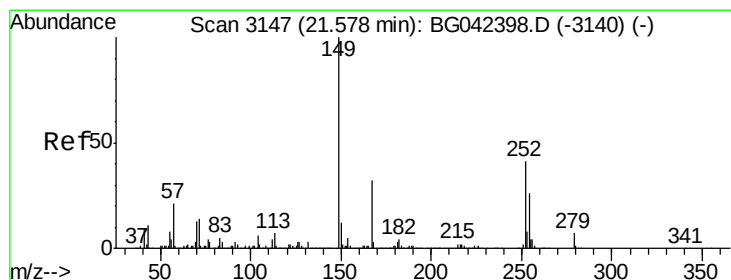
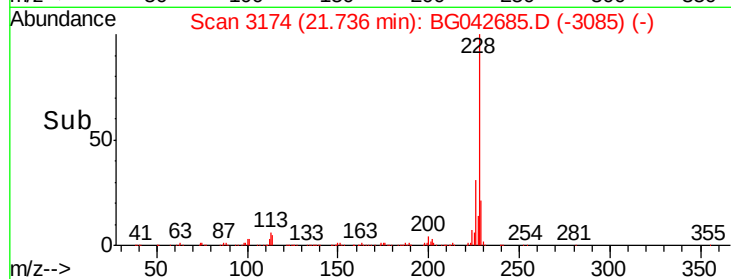
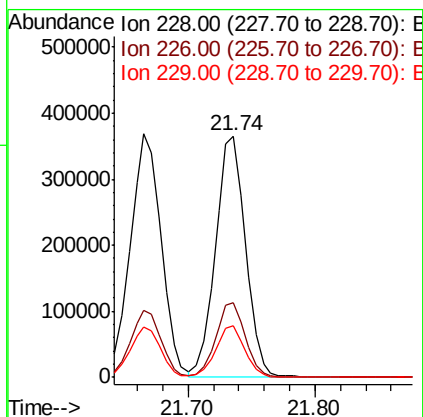
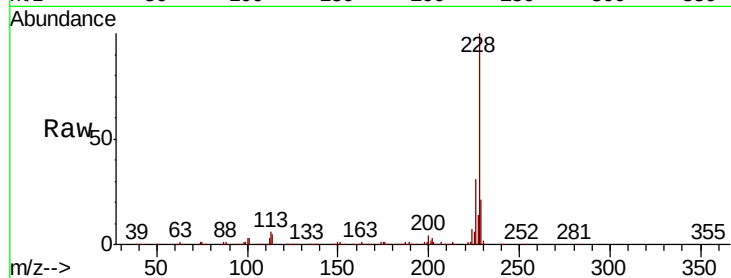
Time-->



#83
 Chrysene
 Concen: 44.176 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

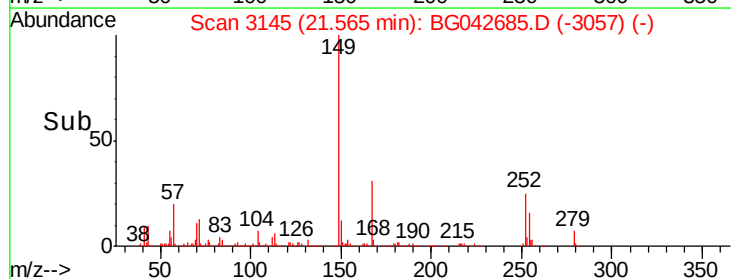
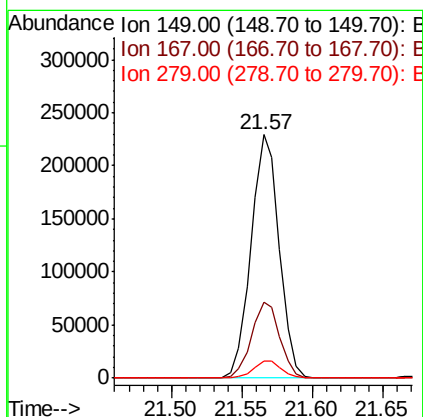
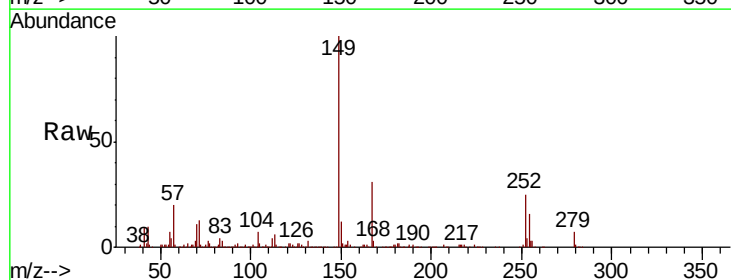
Instrument :
 BNA_G
 ClientSampleId :

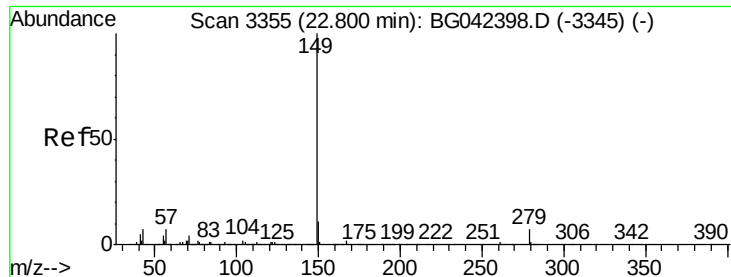
Tot Ion:228 Resp: 598771
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 21.3 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.459 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042685.D
 Acq: 3 Sep 2019 12:44

Tgt Ion:149 Resp: 320698
 Ion Ratio Lower Upper
 149 100
 167 31.4 26.0 39.0
 279 6.9 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 41.988 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

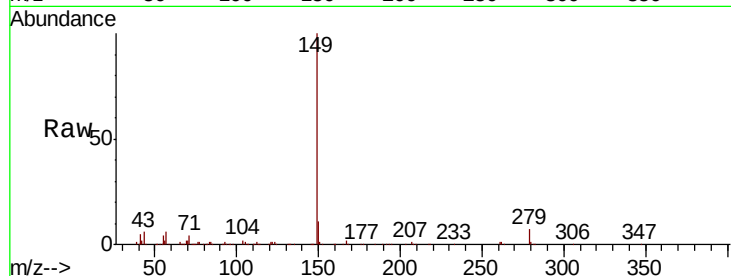
Tot Ion:149 Resp: 558622

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

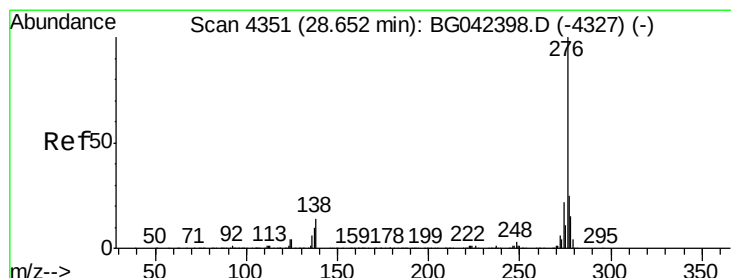
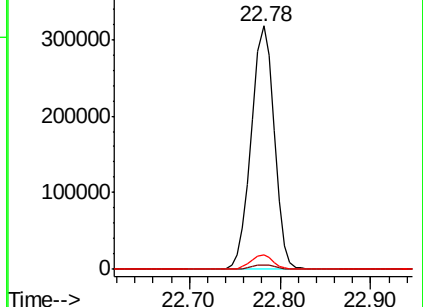
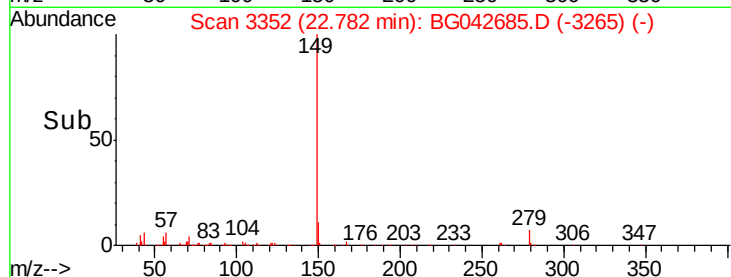
43 6.0 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.433 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

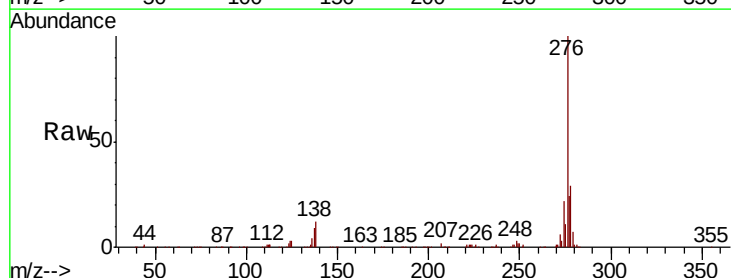
Tgt Ion:276 Resp: 781606

Ion Ratio Lower Upper

276 100

138 6.9 9.2 13.8#

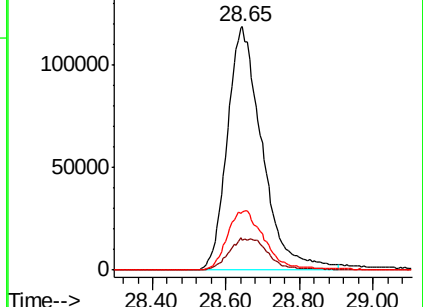
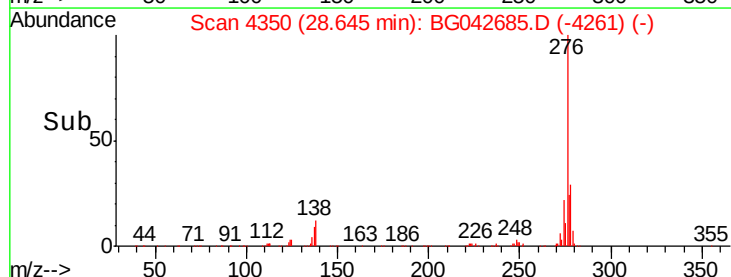
277 25.8 21.0 31.6

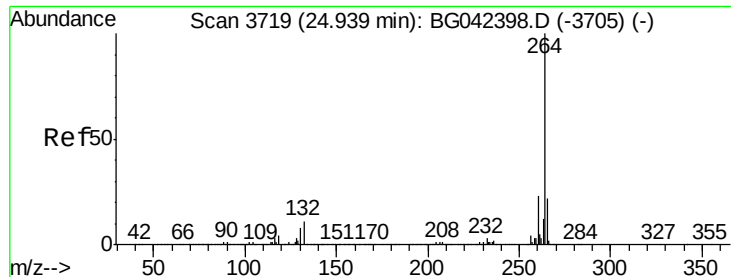


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



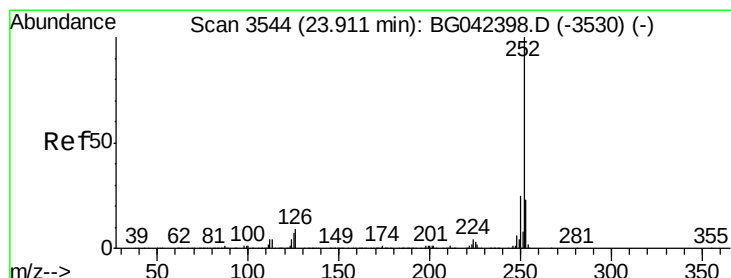
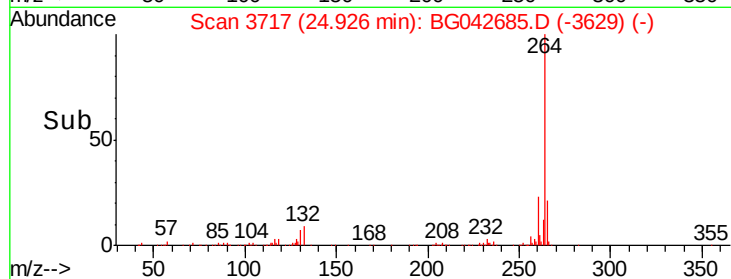
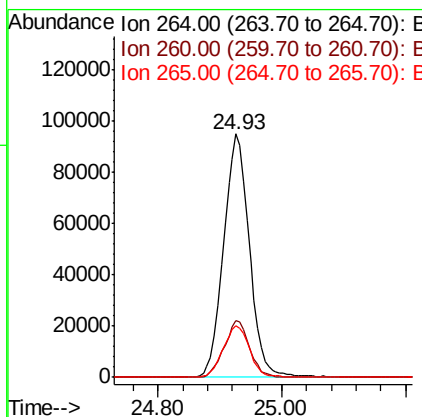
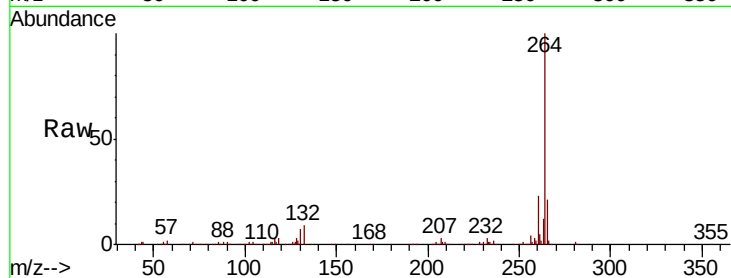


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 274005

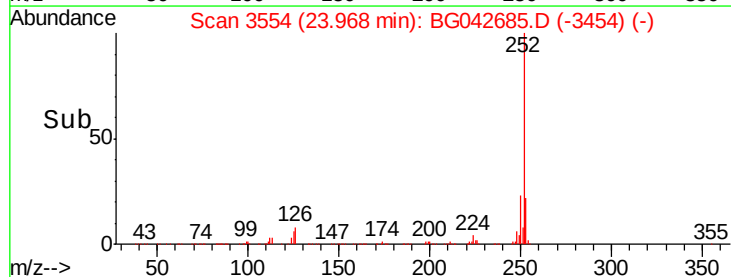
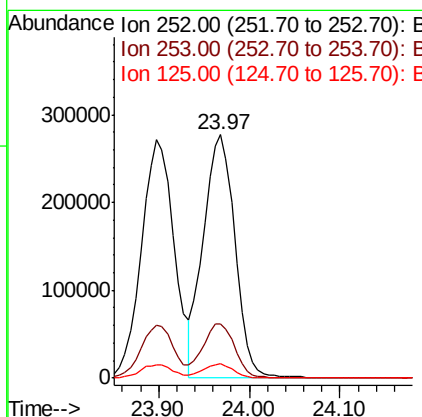
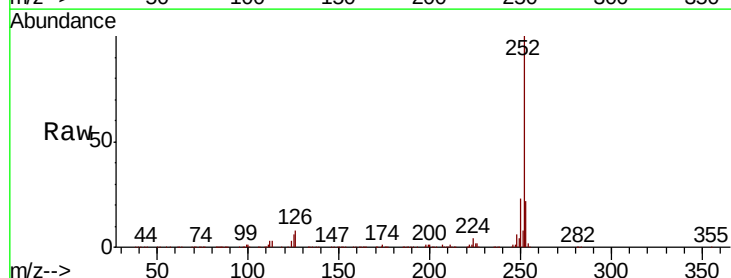
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.0	17.6	26.4

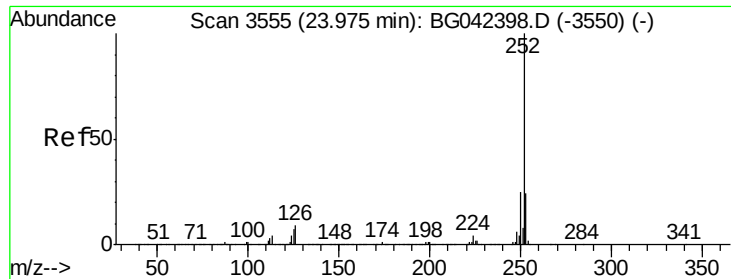


#88
Benzo(b)fluoranthene
Concen: 44.420 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.06 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion:252 Resp: 669128

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	5.8	5.6	8.4

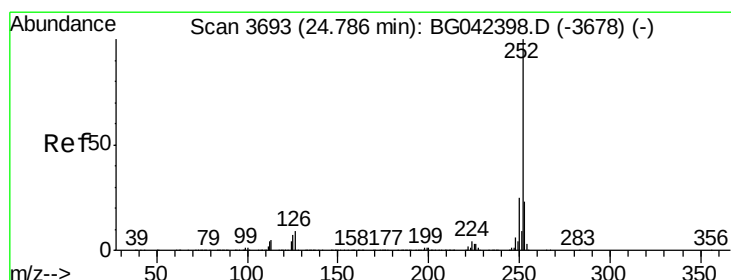
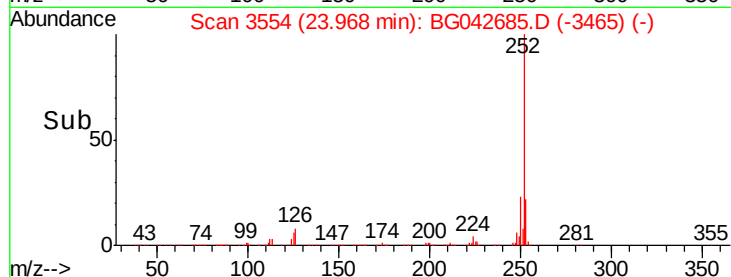
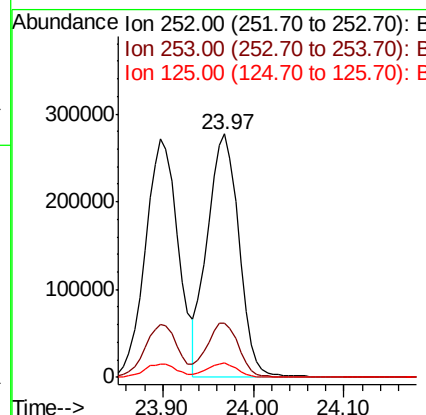
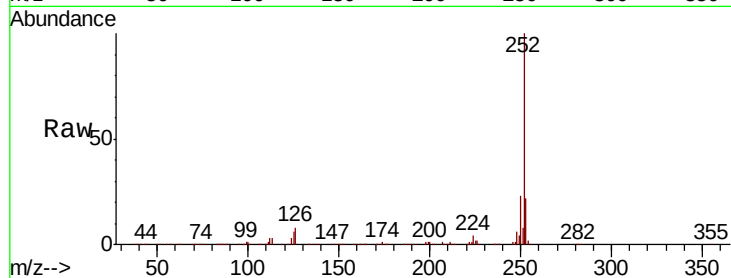




#89
Benzo(k)fluoranthene
Concen: 46.212 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

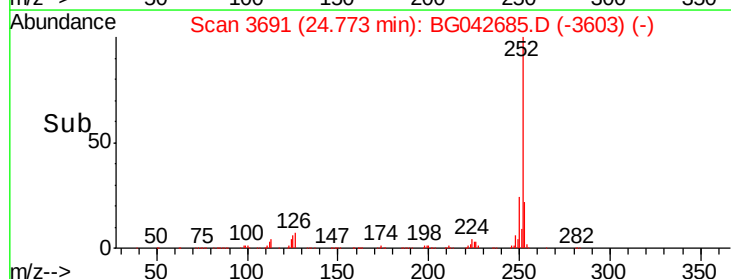
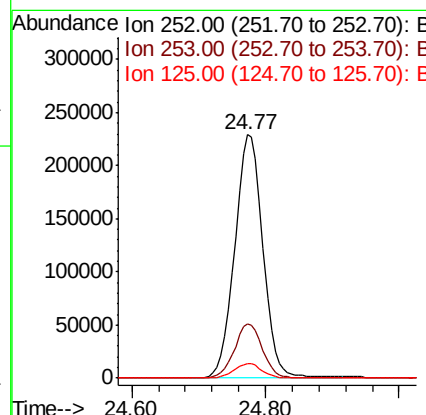
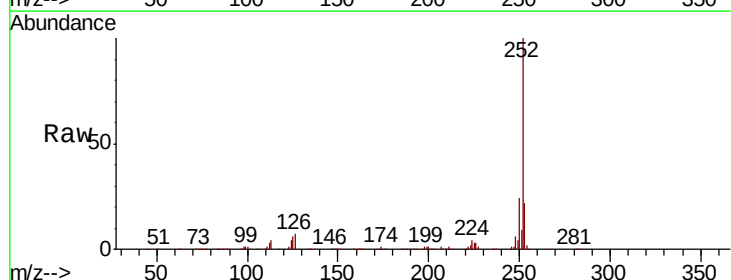
Instrument :
BNA_G
ClientSampleId :

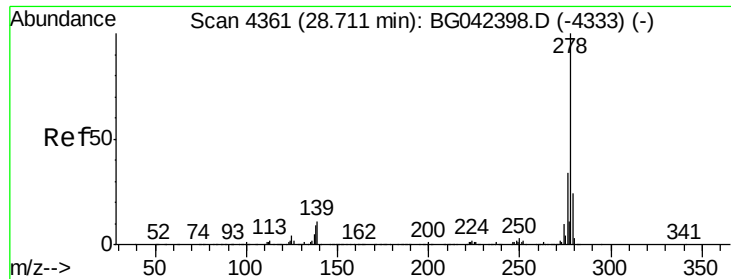
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	5.8	5.8	8.6



#90
Benzo(a)pyrene
Concen: 47.149 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042685.D
Acq: 3 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	6.0	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 45.228 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

Instrument :

BNA_G

ClientSampleId :

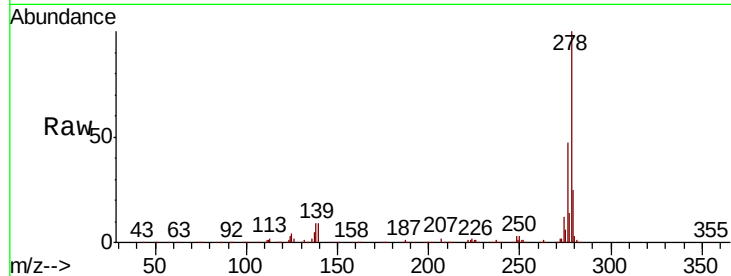
Tot Ion:278 Resp: 654584

Ion Ratio Lower Upper

278 100

139 9.0 8.8 13.2

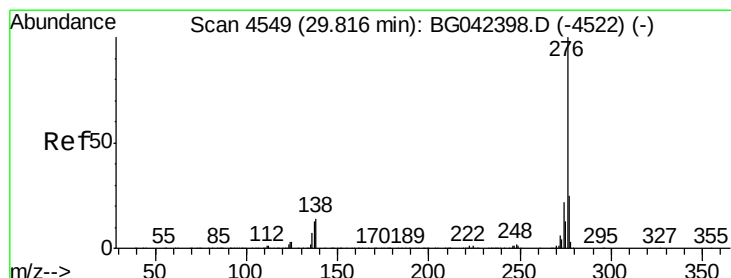
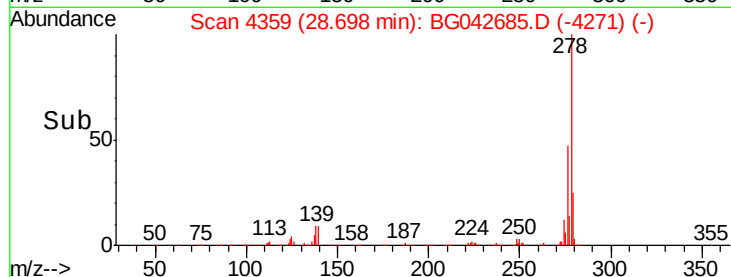
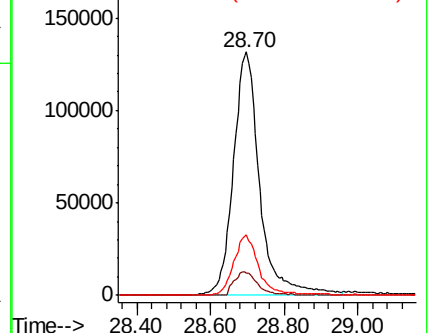
279 25.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.453 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042685.D

Acq: 3 Sep 2019 12:44

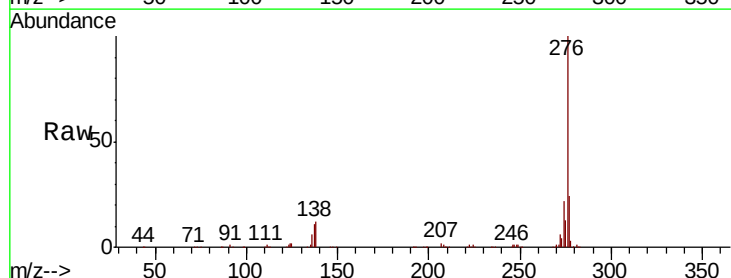
Tgt Ion:276 Resp: 628985

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 12.1 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

