

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037683.D
 Acq On : 31 Oct 2018 14:20
 Operator : JU/SJ
 Sample : PB114332BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 18:02:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56808	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	253956	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169474	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	411425	20.00	ng	0.00
76) Chrysene-d12	21.77	240	365766	20.00	ng	0.00
87) Perylene-d12	25.10	264	365589	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	585610	172.34	ng	0.00
7) Phenol-d6	7.25	99	820985	159.79	ng	0.00
23) Nitrobenzene-d5	9.28	82	376093	82.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	309452	167.41	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	896831	79.80	ng	0.00
79) Terphenyl-d14	20.08	244	1325208	77.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	49892	28.954	ng	94
3) Pyridine	3.93	79	147322	33.920	ng	91
4) n-Nitrosodimethylamine	3.85	42	69071	44.649	ng	# 97
6) Aniline	7.42	93	221905	35.402	ng	99
8) 2-Chlorophenol	7.66	128	178746	44.967	ng	100
9) Benzaldehyde	7.24	77	137967	42.926	ng	97
10) Phenol	7.28	94	245152	45.221	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	163037	39.597	ng	97
12) 1,3-Dichlorobenzene	7.99	146	172352	38.947	ng	94
13) 1,4-Dichlorobenzene	8.13	146	176280	38.943	ng	98
14) 1,2-Dichlorobenzene	8.46	146	170511	39.158	ng	99
15) Benzyl Alcohol	8.34	79	163293	43.012	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	296922	40.303	ng	98
17) 2-Methylphenol	8.53	107	165974	46.309	ng	98
18) Hexachloroethane	9.19	117	62811	40.701	ng	95
19) n-Nitroso-di-n-propylamine	8.90	70	135033	38.165	ng	94
20) 3+4-Methylphenols	8.86	107	231554	45.188	ng	99
22) Acetophenone	8.93	105	258925	40.653	ng	# 98
24) Nitrobenzene	9.32	77	203524	43.215	ng	93
25) Isophorone	9.84	82	387902	46.830	ng	97
26) 2-Nitrophenol	10.03	139	100522	47.380	ng	96
27) 2,4-Dimethylphenol	10.07	122	193341	51.039	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	237159	43.700	ng	97
29) 2,4-Dichlorophenol	10.56	162	198170	46.986	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	184757	40.282	ng	98
31) Naphthalene	10.97	128	550348	44.121	ng	99
32) Benzoic acid	10.20	122	128509	52.231	ng	99
33) 4-Chloroaniline	11.08	127	158721	27.082	ng	98
34) Hexachlorobutadiene	11.24	225	105112	38.667	ng	98
35) Caprolactam	11.87	113	44363	26.226	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	216592	45.536	ng	98
37) 2-Methylnaphthalene	12.57	142	418015	45.972	ng	99
38) 1-Methylnaphthalene	12.79	142	400642	45.371	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	215269	39.380	ng	98

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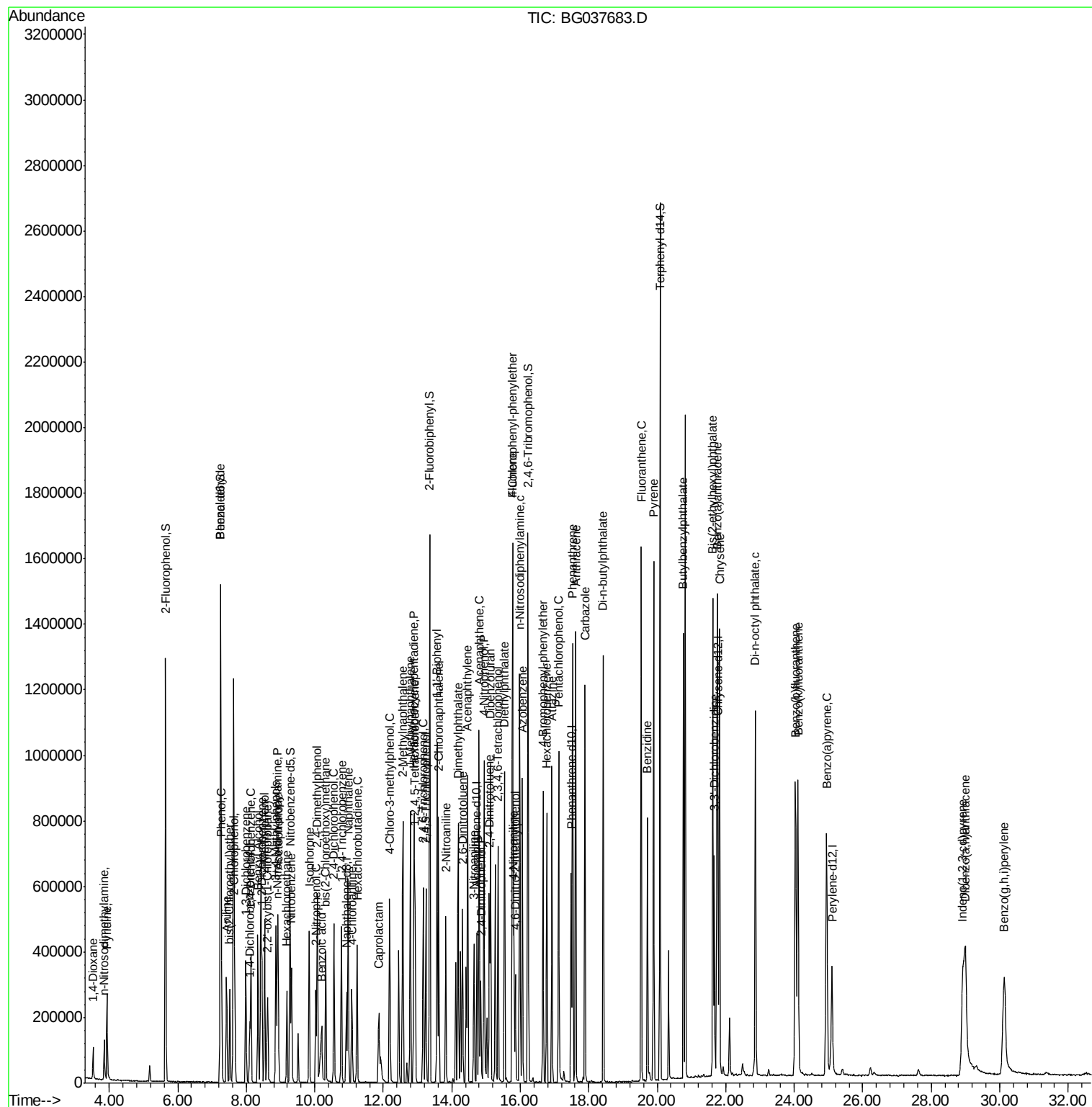
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	260559	99.786	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	167246	45.795	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	180503	45.395	nq	96
46) 1,1'-Biphenyl	13.57	154	547790	39.029	nq	98
47) 2-Chloronaphthalene	13.62	162	433866	40.860	nq	99
48) 2-Nitroaniline	13.83	65	146858	45.608	nq	91
49) Acenaphthylene	14.46	152	721159	45.149	nq	99
50) Dimethylphthalate	14.19	163	570485	43.513	nq	99
51) 2,6-Dinitrotoluene	14.32	165	129501	44.650	nq	94
52) Acenaphthene	14.80	154	416948	42.385	nq	98
53) 3-Nitroaniline	14.65	138	116317	36.125	nq	# 94
54) 2,4-Dinitrophenol	14.85	184	87222	72.349	nq	95
55) Dibenzofuran	15.13	168	684935	42.024	nq	99
56) 4-Nitrophenol	14.94	139	285330	119.720	nq	98
57) 2,4-Dinitrotoluene	15.10	165	188126	49.413	nq	94
58) Fluorene	15.78	166	554783	45.455	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	158713	46.619	nq	99
60) Diethylphthalate	15.54	149	582652	43.287	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	287226	40.375	nq	99
62) 4-Nitroaniline	15.81	138	144400	45.133	nq	93
63) Azobenzene	16.06	77	551489	42.942	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	84005	40.521	nq	98
66) n-Nitrosodiphenylamine	15.98	169	511030	41.293	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	186555	41.290	nq	98
68) Hexachlorobenzene	16.78	284	185563	39.628	nq	99
69) Atrazine	16.93	200	194278	43.419	nq	99
70) Pentachlorophenol	17.12	266	212841	67.858	nq	95
71) Phenanthrene	17.52	178	911474	43.590	nq	99
72) Anthracene	17.62	178	920880	44.877	nq	97
73) Carbazole	17.89	167	836316	40.744	nq	99
74) Di-n-butylphthalate	18.42	149	997250	43.675	nq	100
75) Fluoranthene	19.53	202	1048144	44.196	nq	98
77) Benzidine	19.72	184	498971	40.120	nq	100
78) Pyrene	19.89	202	1040514	43.517	nq	99
80) Butylbenzylphthalate	20.76	149	446203	45.598	nq	99
81) Benzo(a)anthracene	21.75	228	973547	44.999	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	277843	33.133	nq	98
83) Chrysene	21.82	228	911807	43.830	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	623020	45.421	nq	100
85) Di-n-octyl phthalate	22.86	149	1043548	46.655	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	908537	40.718	nq	98
88) Benzo(b)fluoranthene	24.03	252	949025	47.350	nq	98
89) Benzo(k)fluoranthene	24.10	252	938959	47.817	nq	98
90) Benzo(a)pyrene	24.94	252	909941	47.777	nq	100
91) Dibenzo(a,h)anthracene	29.00	278	705714	40.170	nq	98
92) Benzo(g,h,i)perylene	30.13	276	741682	41.729	nq	99

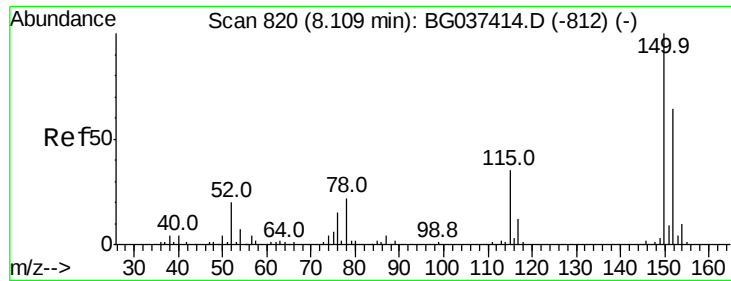
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

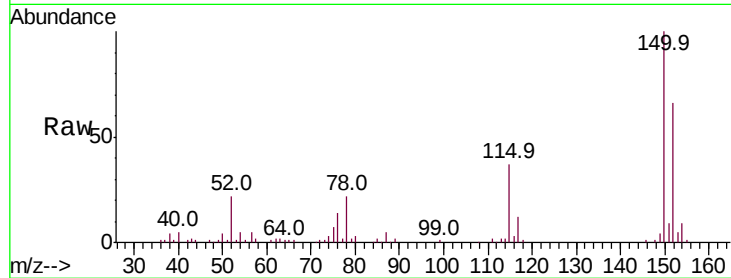
Tot Ion:152 Resp: 56808

Ion Ratio Lower Upper

152 100

150 152.5 126.0 189.0

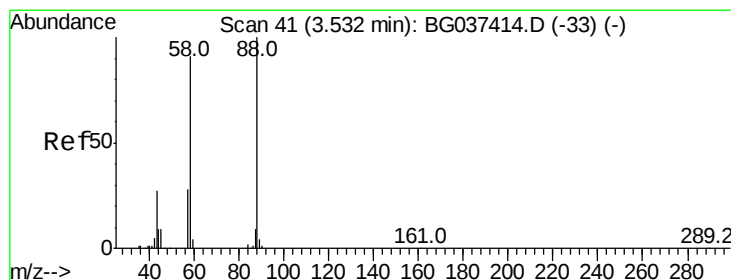
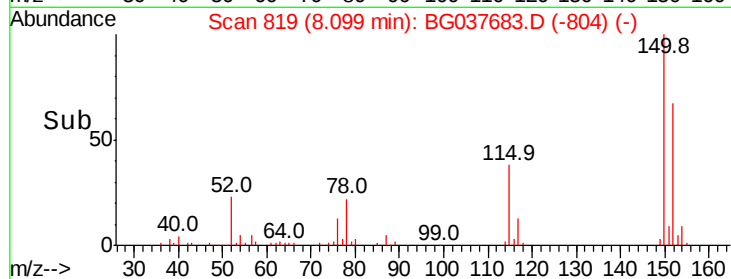
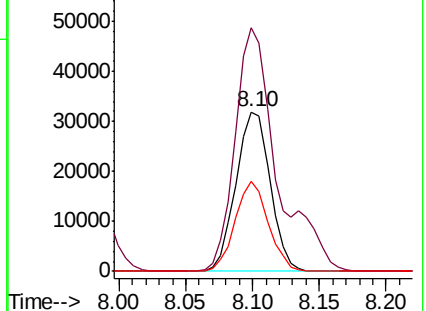
115 56.5 45.5 68.3



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: 28.954 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

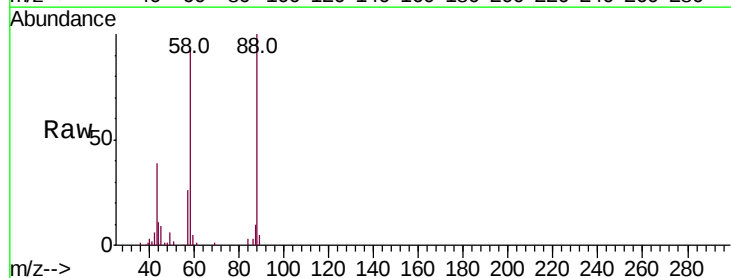
Tgt Ion: 88 Resp: 49892

Ion Ratio Lower Upper

88 100

58 87.2 74.4 111.6

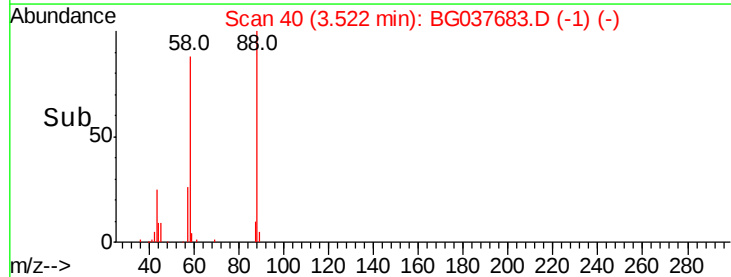
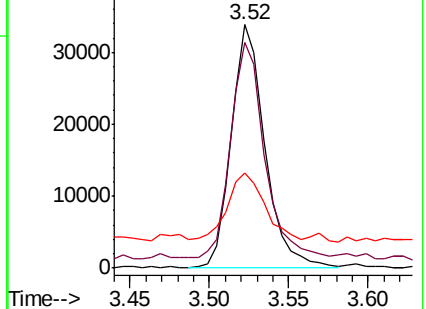
43 30.1 25.8 38.8

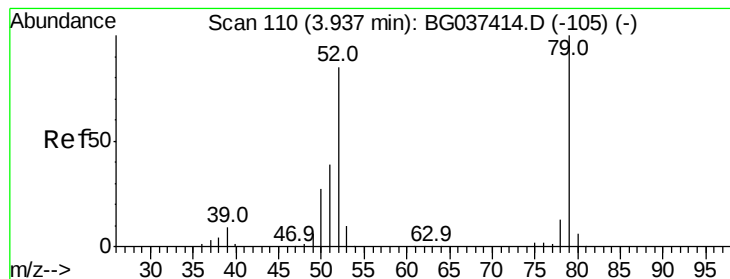


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.920 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampled :

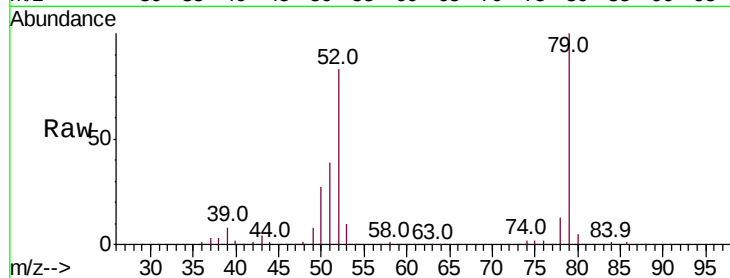
Tot Ion: 79 Resp: 147322

Ion Ratio Lower Upper

79 100

52 82.9 74.2 111.2

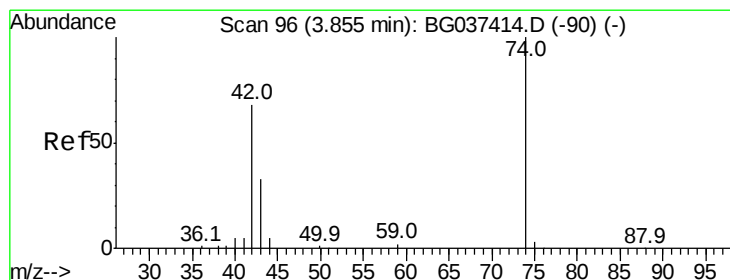
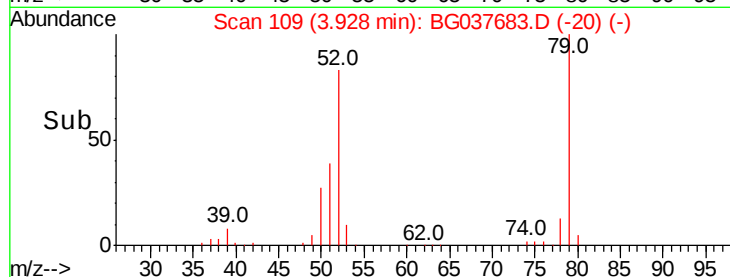
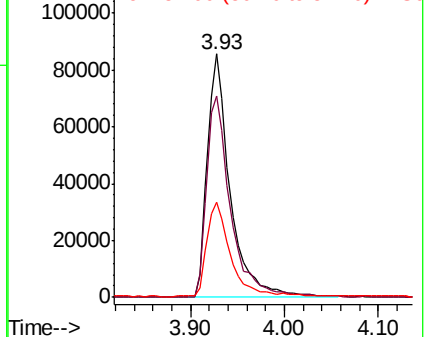
51 39.2 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.649 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

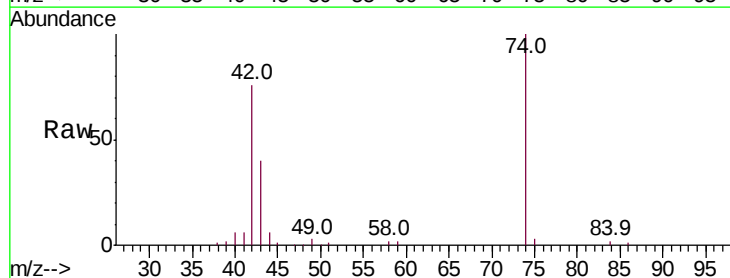
Tgt Ion: 42 Resp: 69071

Ion Ratio Lower Upper

42 100

74 130.8 102.0 153.0

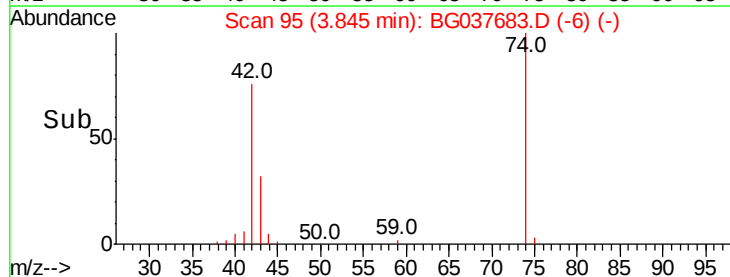
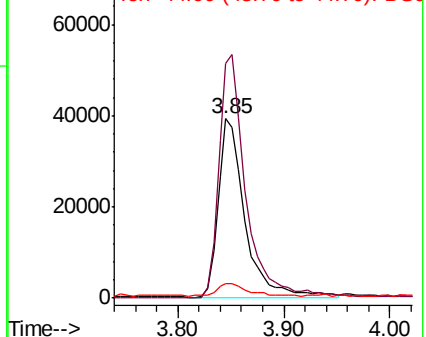
44 8.1 9.6 14.4#

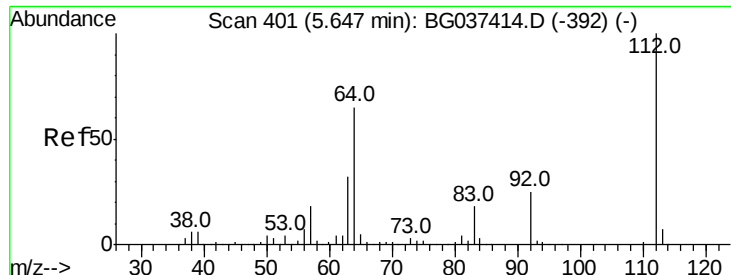


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 172.344 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

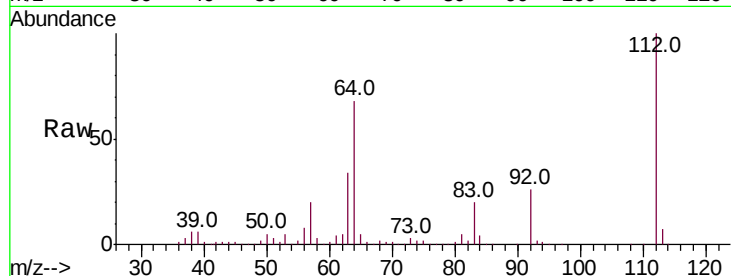
Tot Ion:112 Resp: 585610

Ion Ratio Lower Upper

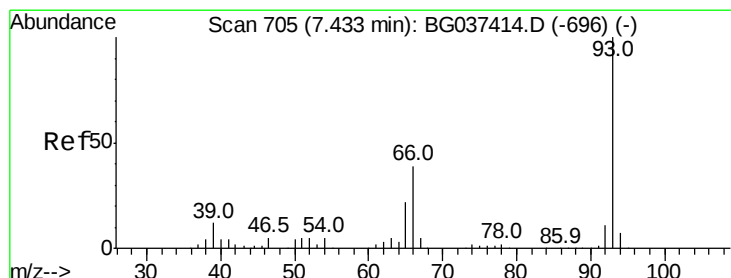
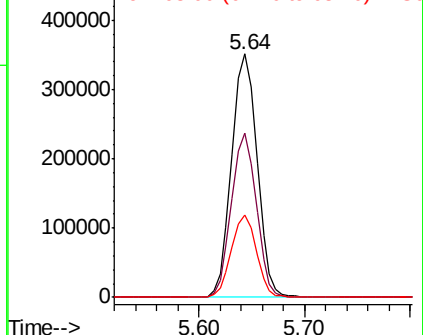
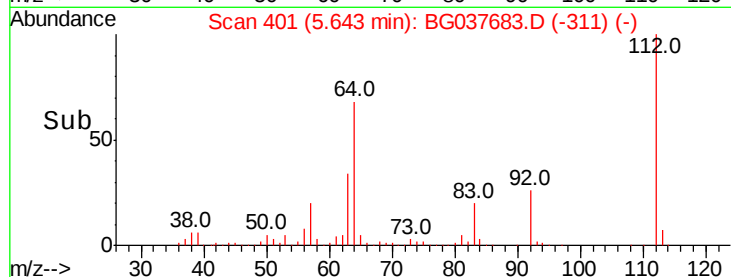
112 100

64 67.7 53.1 79.7

63 33.9 27.3 40.9



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: 35.402 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

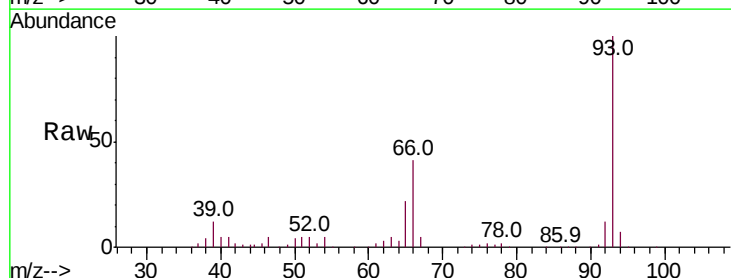
Tgt Ion: 93 Resp: 221905

Ion Ratio Lower Upper

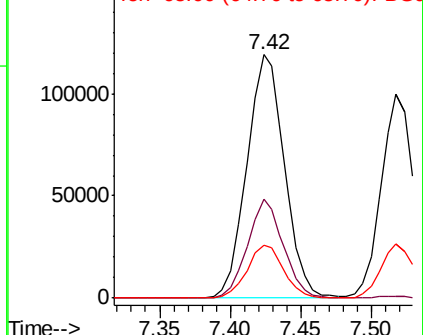
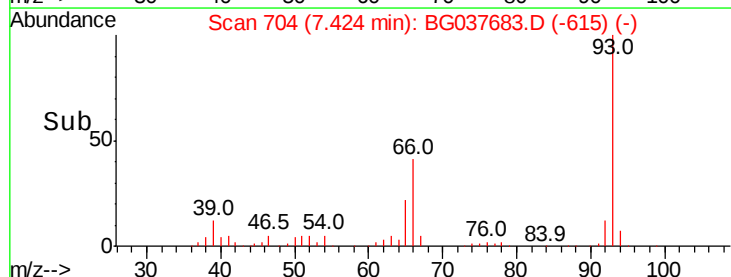
93 100

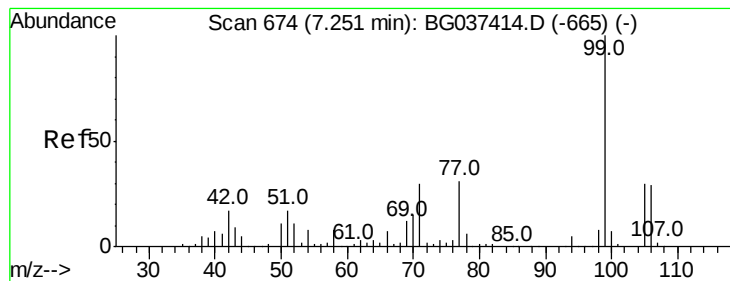
66 40.7 32.8 49.2

65 21.7 16.4 24.6



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: 159.785 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

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ClientSampled :

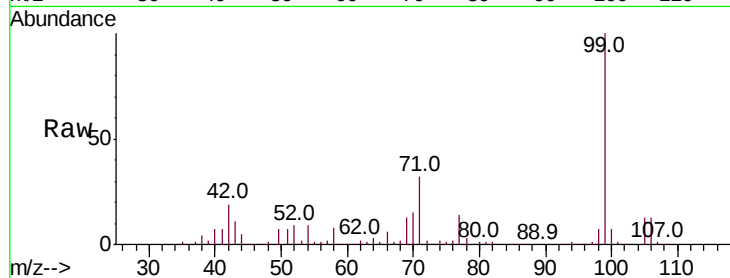
Tot Ion: 99 Resp: 820985

Ion Ratio Lower Upper

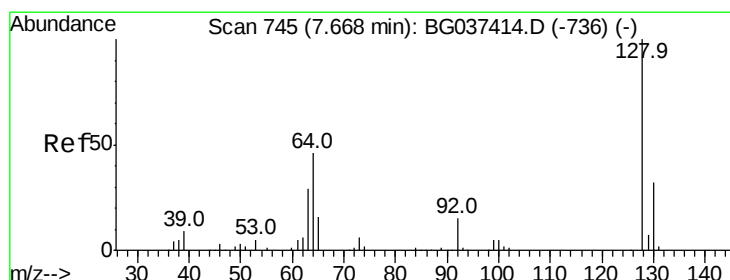
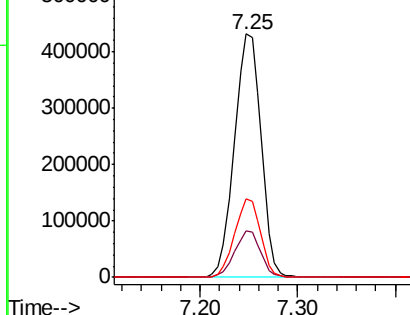
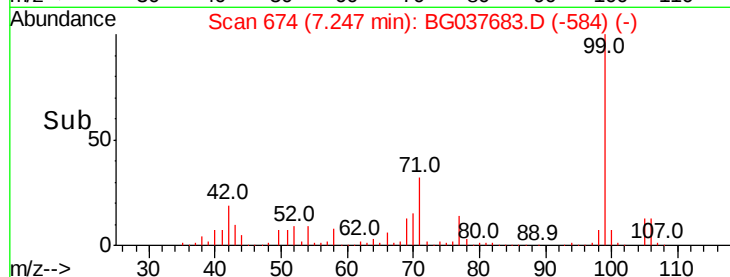
99 100

42 19.2 15.0 22.4

71 32.1 25.5 38.3



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: 44.967 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

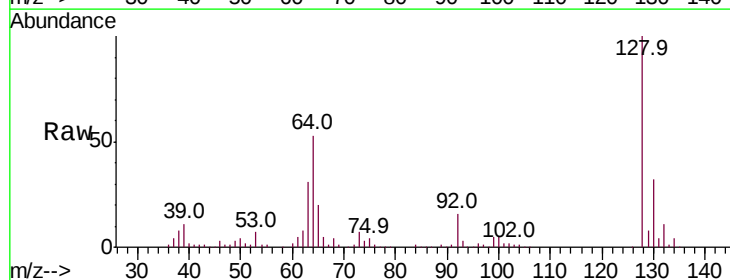
Tgt Ion:128 Resp: 178746

Ion Ratio Lower Upper

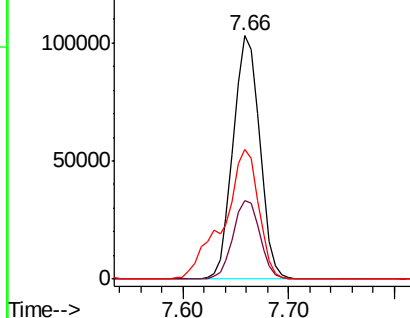
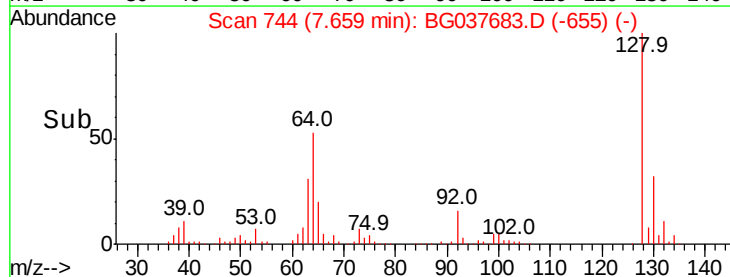
128 100

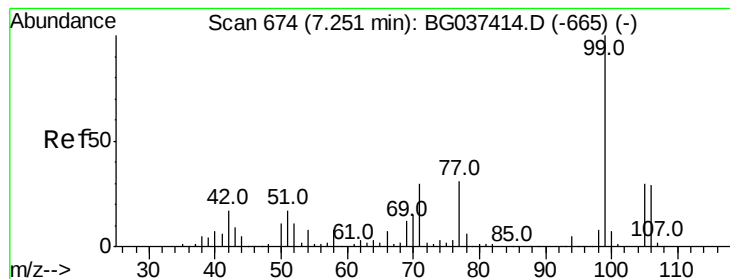
130 32.3 12.0 52.0

64 53.0 32.9 72.9



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

Benzaldehyd

Concen: 42.926 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampled :

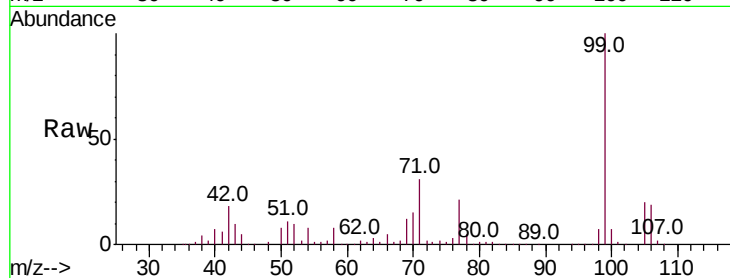
Tot Ion: 77 Resp: 137967

Ion Ratio Lower Upper

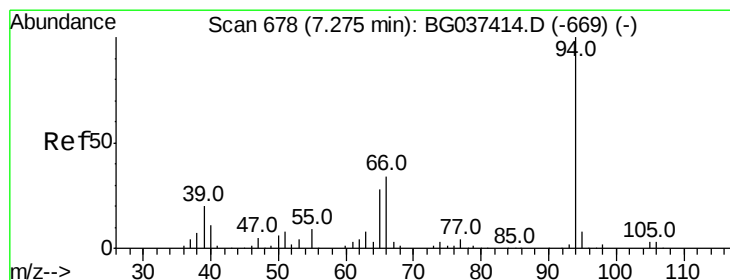
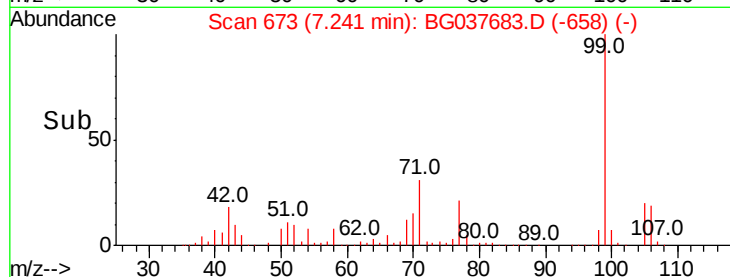
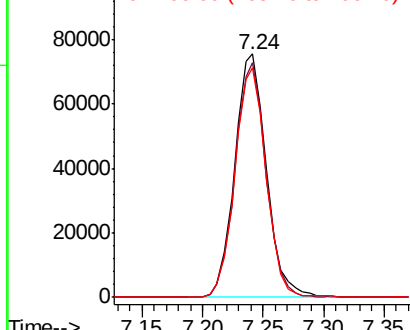
77 100

105 96.2 72.6 112.6

106 94.1 71.3 111.3



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: 45.221 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

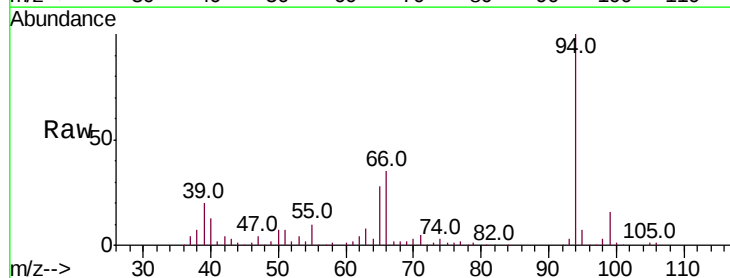
Tgt Ion: 94 Resp: 245152

Ion Ratio Lower Upper

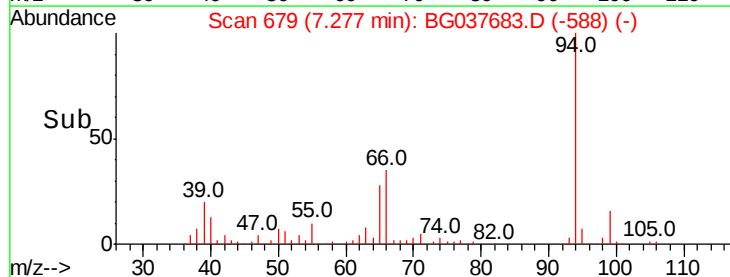
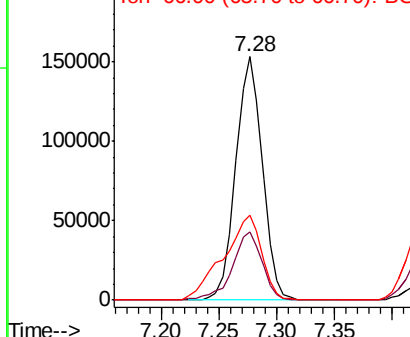
94 100

65 28.0 9.7 49.7

66 35.0 15.9 55.9



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: 39.597 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

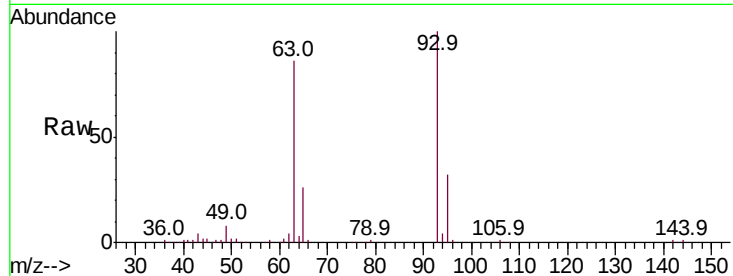
Tot Ion: 93 Resp: 163037

Ion Ratio Lower Upper

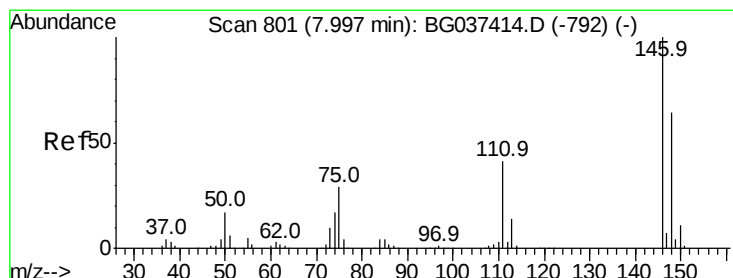
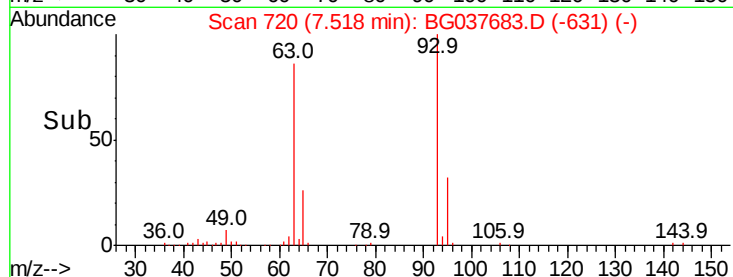
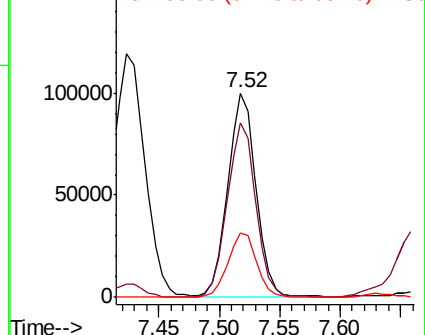
93 100

63 85.5 69.5 109.5

95 31.9 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.947 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

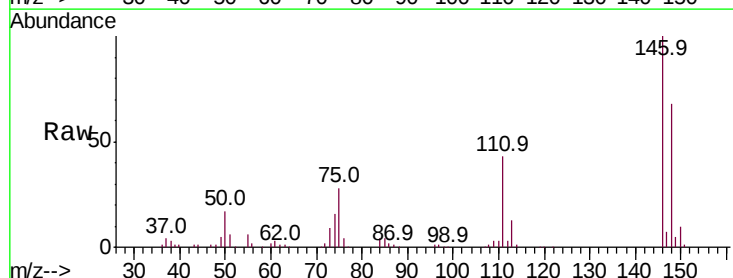
Tgt Ion: 146 Resp: 172352

Ion Ratio Lower Upper

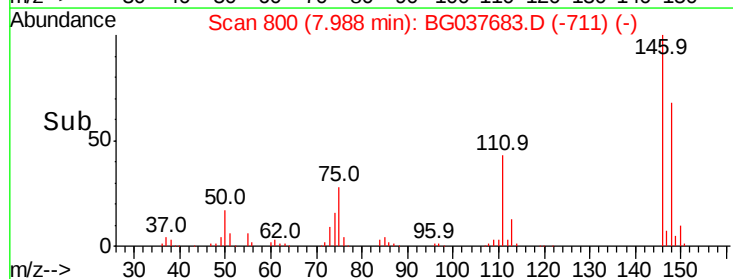
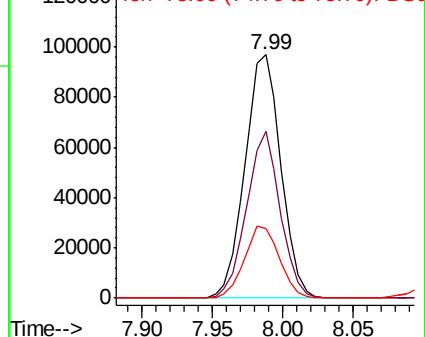
146 100

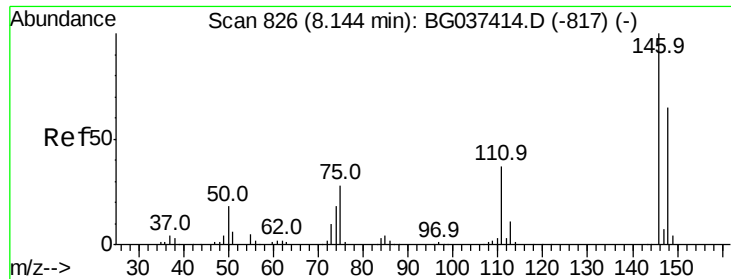
148 68.3 49.8 74.8

75 28.4 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 38.943 ng

RT: 8.13 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

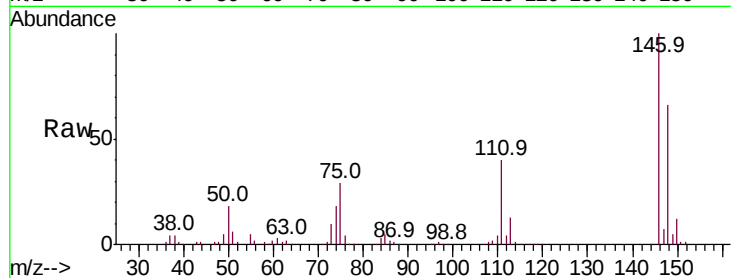
Tot Ion:146 Resp: 176280

Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

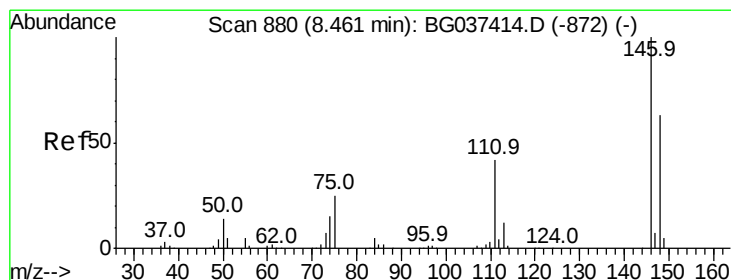
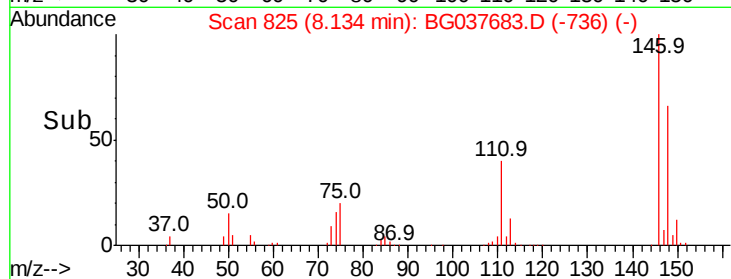
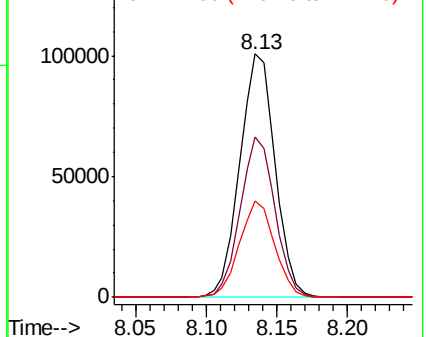
111 39.5 32.4 48.6



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: 39.158 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

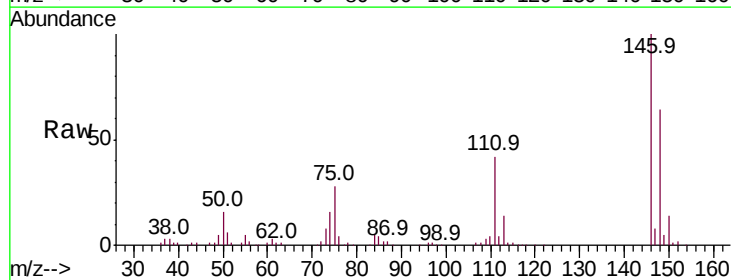
Tgt Ion:146 Resp: 170511

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

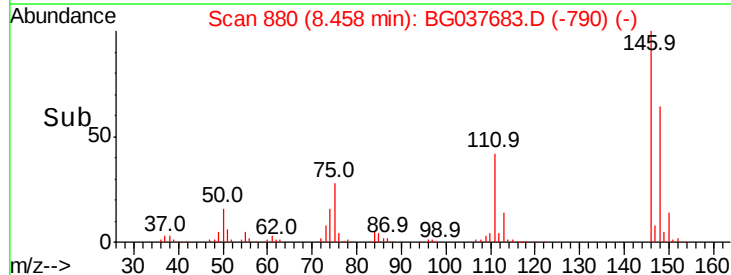
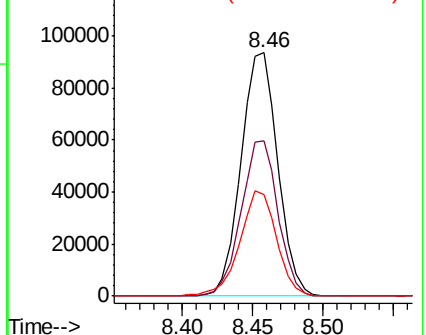
111 41.9 34.6 51.8

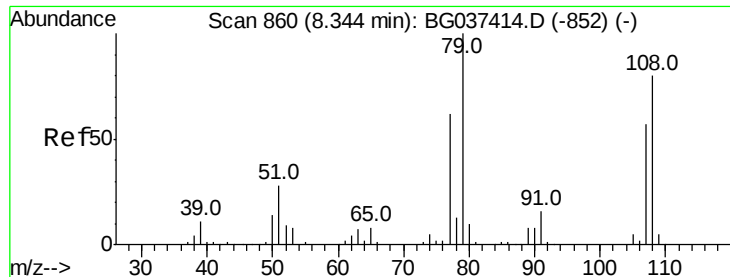


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.012 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

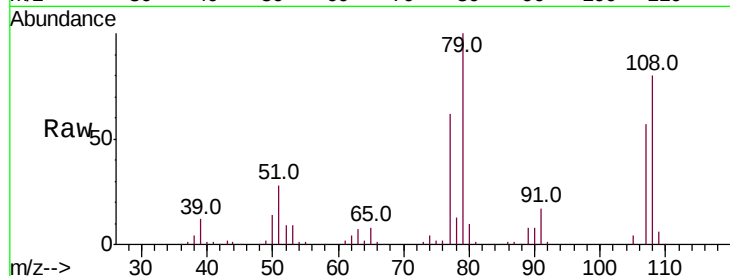
Tot Ion: 79 Resp: 163293

Ion Ratio Lower Upper

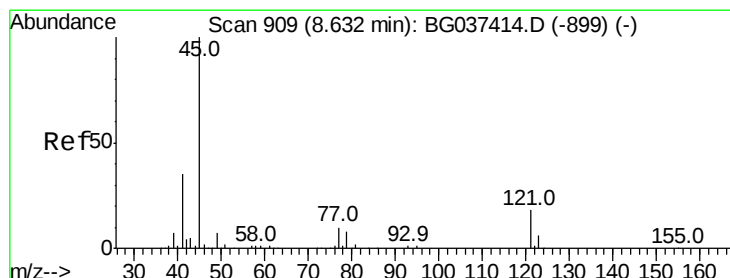
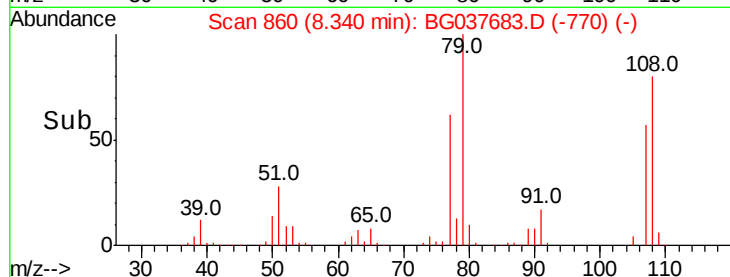
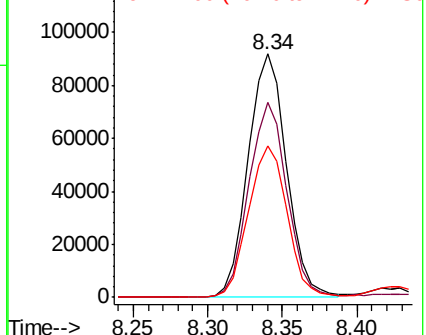
79 100

108 80.0 65.8 98.8

77 62.4 52.9 79.3



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: 40.303 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

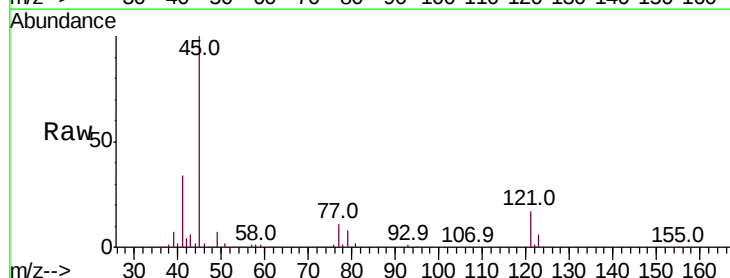
Tgt Ion: 45 Resp: 296922

Ion Ratio Lower Upper

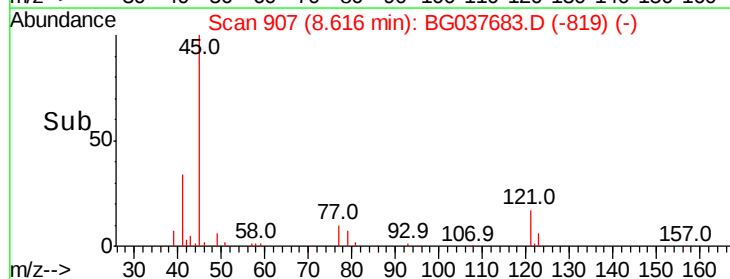
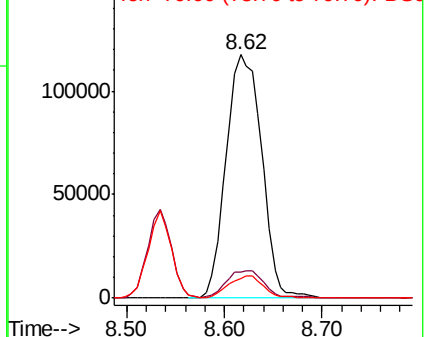
45 100

77 10.7 0.0 30.0

79 8.0 0.0 29.0



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

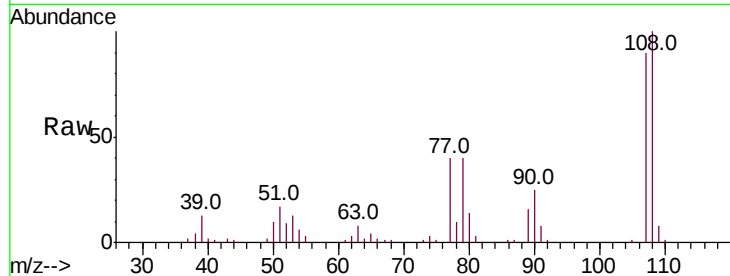




#17
2-Methylphenol
Concen: 46.309 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.9	131.9
77	45.1	35.1	52.7
79	44.2	34.5	51.7



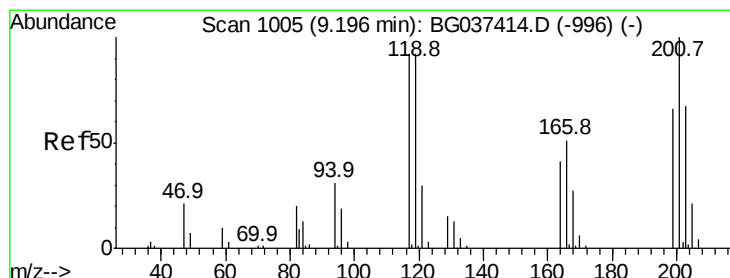
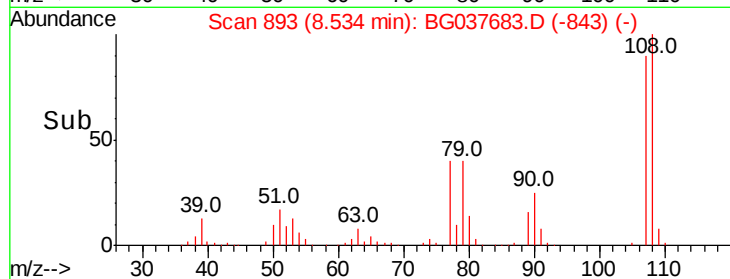
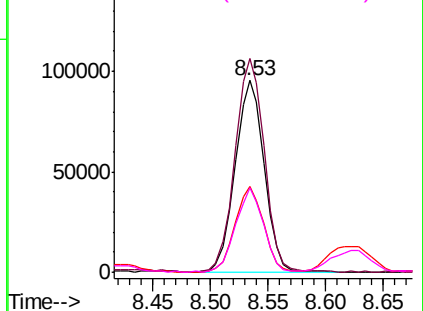
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

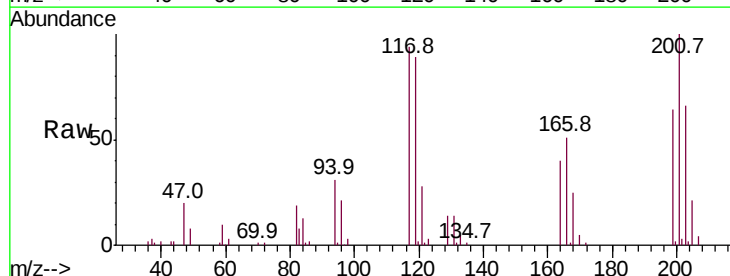
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.701 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.6	111.8
201	109.8	80.8	121.2

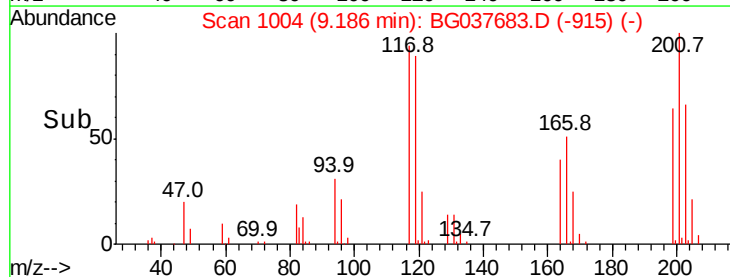
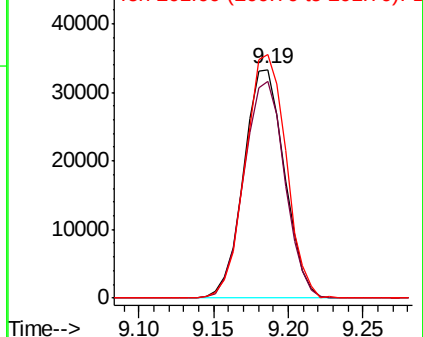


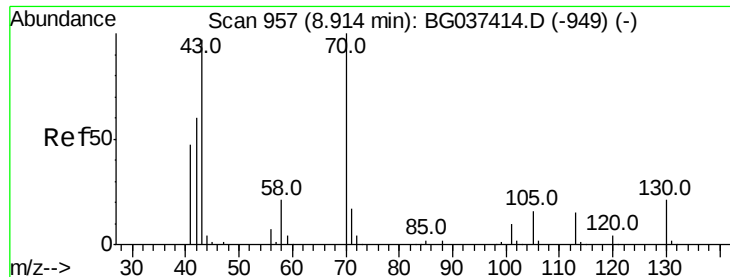
Abundance

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

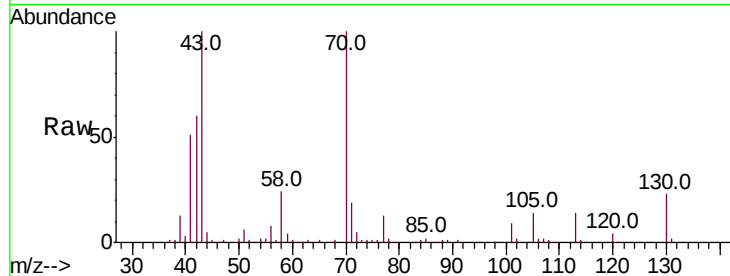




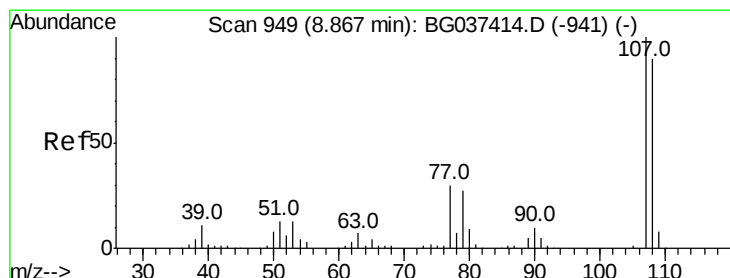
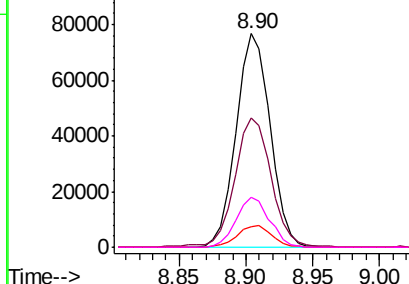
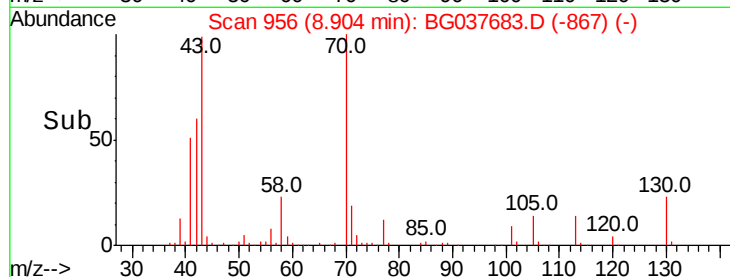
#19
n-Nitroso-di-n-propylamine
Concen: 38.165 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 135033
Ion Ratio Lower Upper
70 100
42 60.4 53.9 80.9
101 9.5 8.2 12.2
130 23.2 18.2 27.4

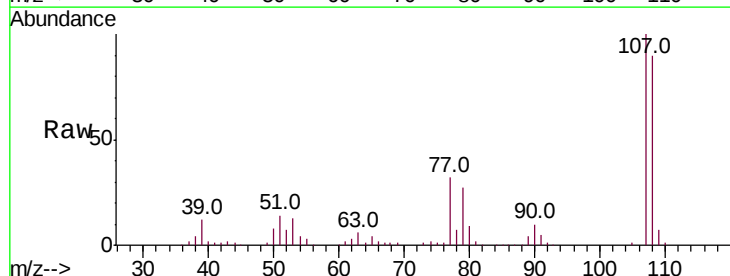


Abundance Ion 70.00 (69.70 to 70.70): BGC
120000
Ion 42.00 (41.70 to 42.70): BGC
100000
Ion 101.00 (100.70 to 101.70): BGC
80000
Ion 130.00 (129.70 to 130.70): BGC

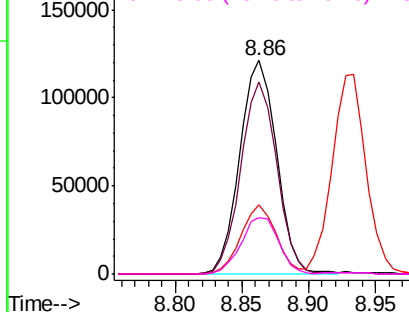
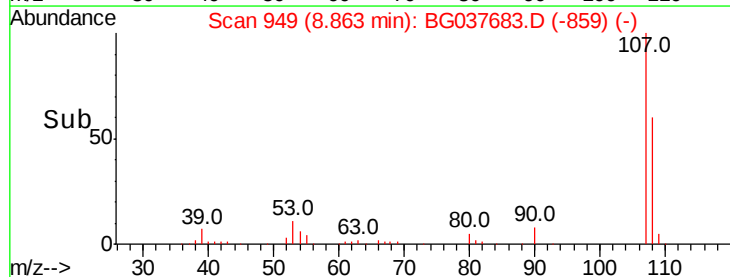


#20
3+4-Methylphenols
Concen: 45.188 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion: 107 Resp: 231554
Ion Ratio Lower Upper
107 100
108 89.7 69.9 109.9
77 32.1 11.2 51.2
79 26.7 6.6 46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
150000
Ion 108.00 (107.70 to 108.70): BGC
100000
Ion 77.00 (76.70 to 77.70): BGC
50000
Ion 79.00 (78.70 to 79.70): BGC

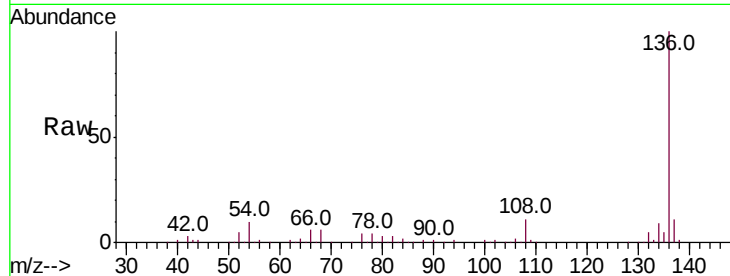




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	253956
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.7	7.9	11.9
68	6.1	4.8	7.2



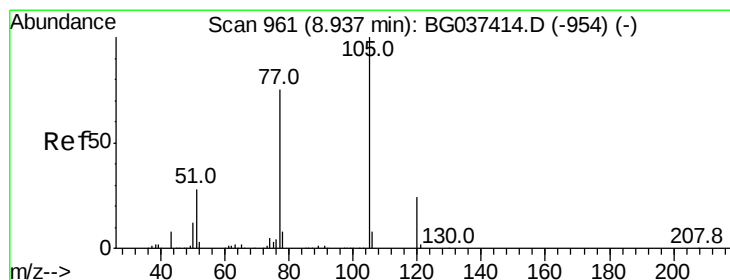
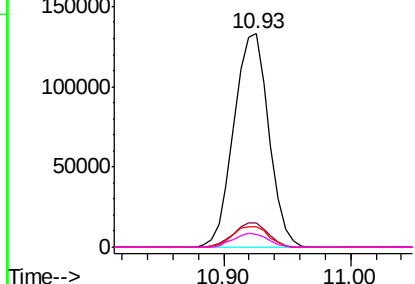
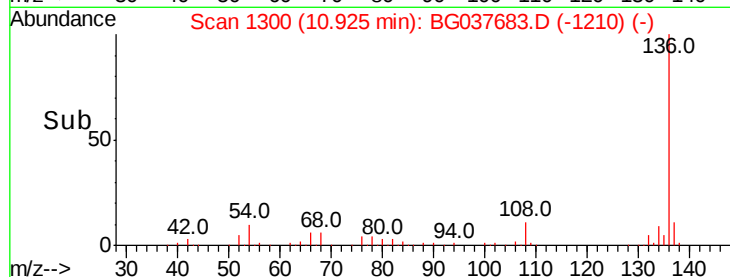
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

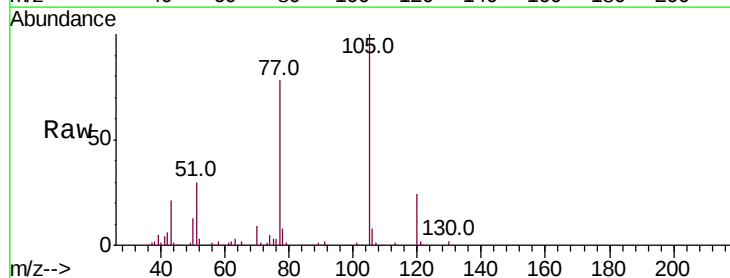
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.653 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:	105	Resp:	258925
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.2	1.8#
51	30.3	25.0	37.6
120	24.5	18.6	28.0



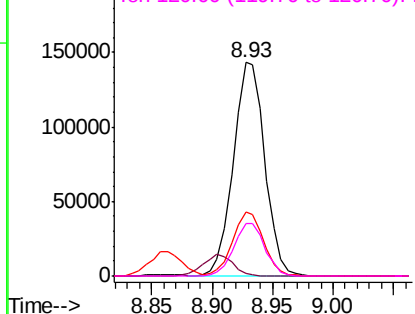
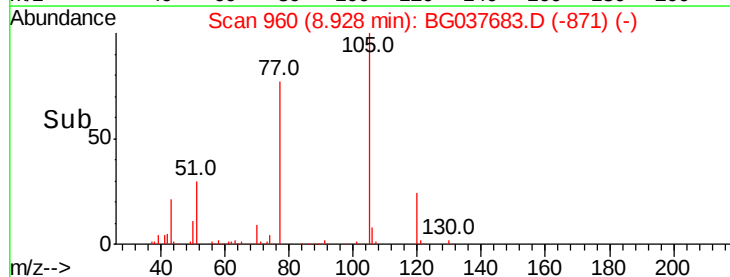
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

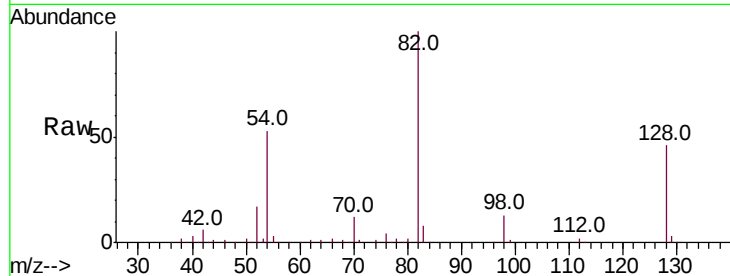




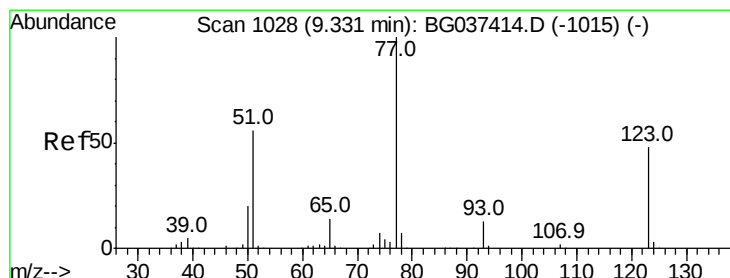
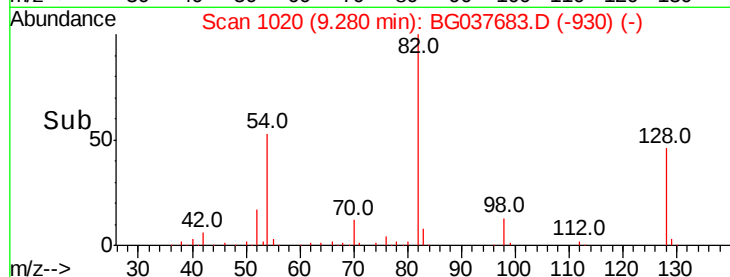
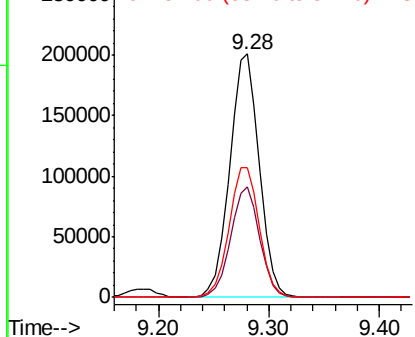
#23
 Nitrobenzene-d5
 Concen: 82.961 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	376093
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.6	51.8
54	53.4	45.3	67.9

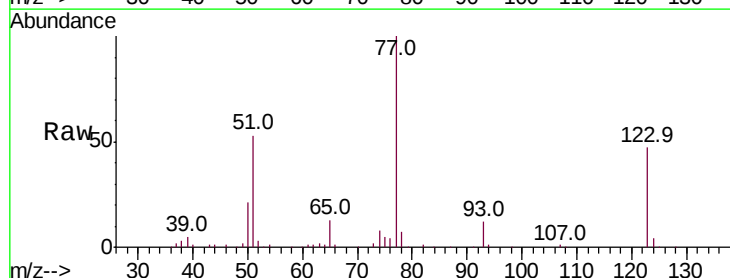


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

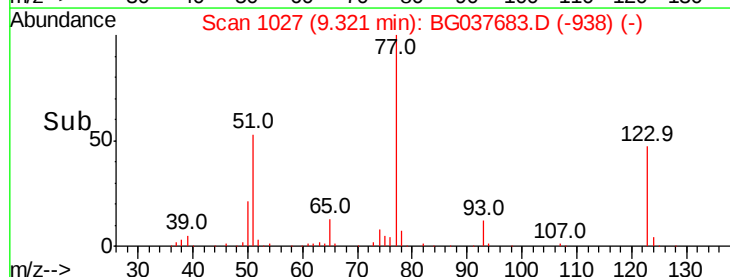
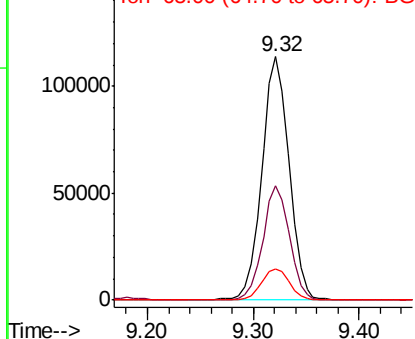


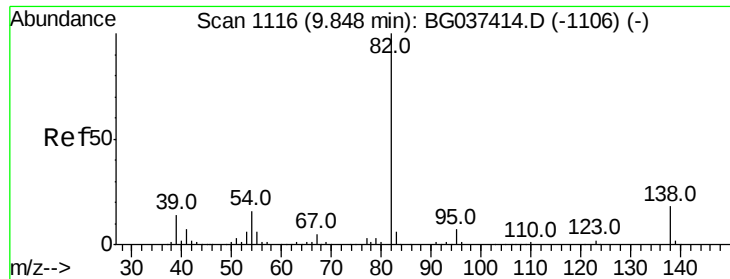
#24
 Nitrobenzene
 Concen: 43.215 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	77	Resp	203524
Ion Ratio	Lower	Upper	
77	100		
123	47.0	33.6	50.4
65	12.9	11.3	16.9



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

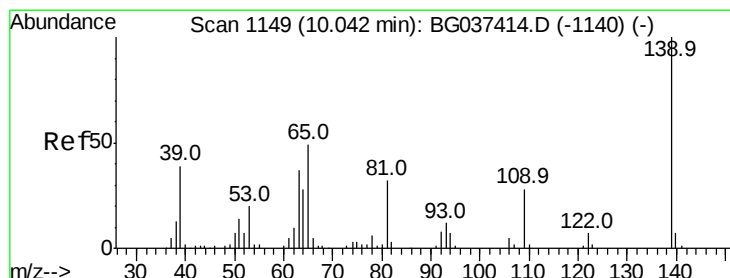
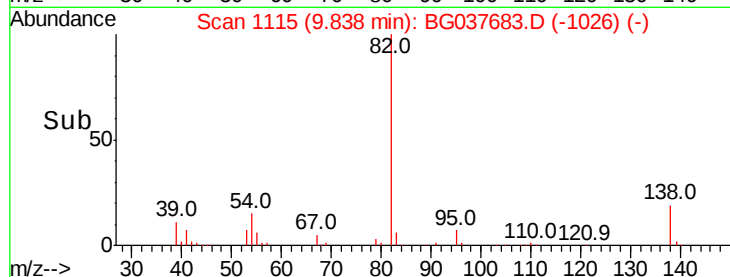
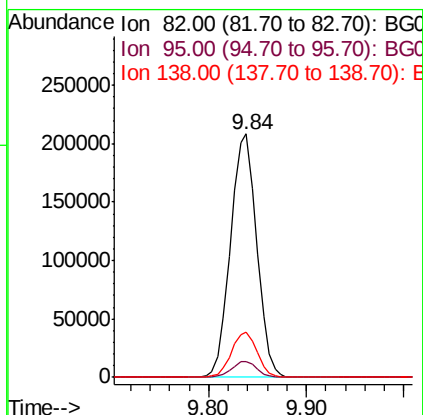
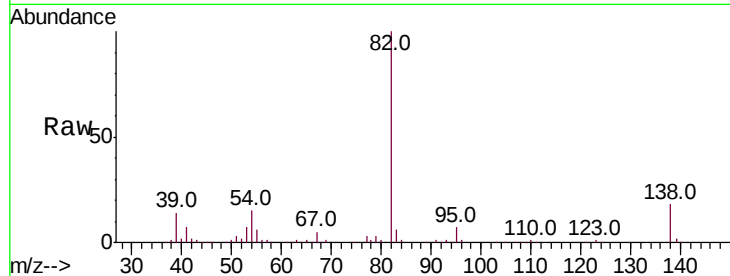




#25
Isophorone
Concen: 46.830 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

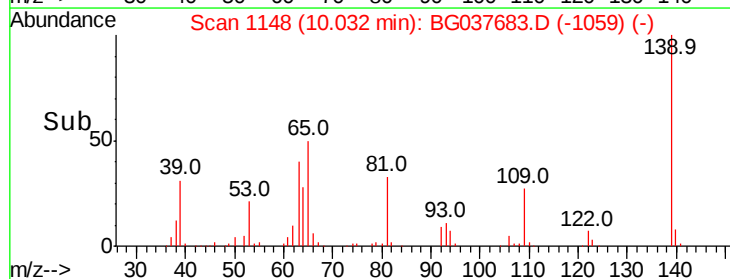
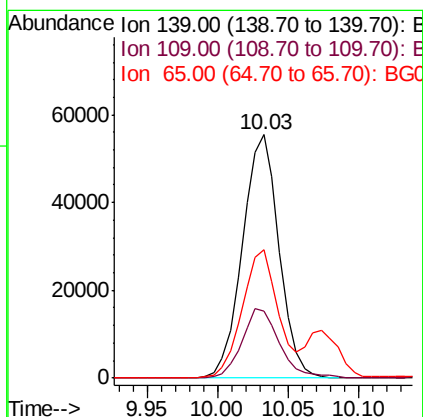
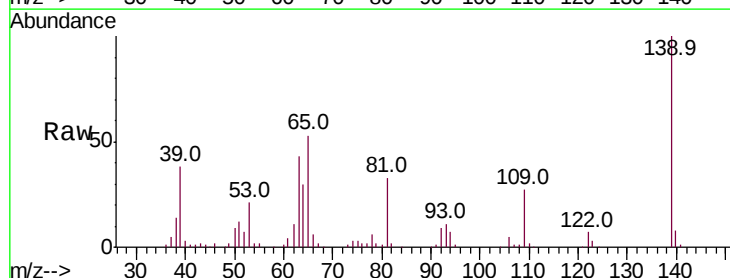
Instrument :
BNA_G
ClientSampled :

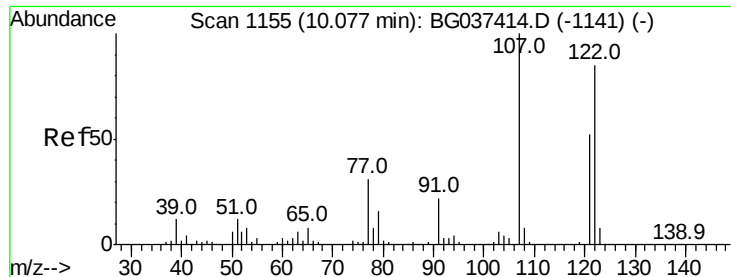
Tot Ion: 82 Resp: 387902
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 18.3 13.3 19.9



#26
2-Nitrophenol
Concen: 47.380 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion: 139 Resp: 100522
Ion Ratio Lower Upper
139 100
109 27.5 23.3 34.9
65 53.0 39.8 59.8

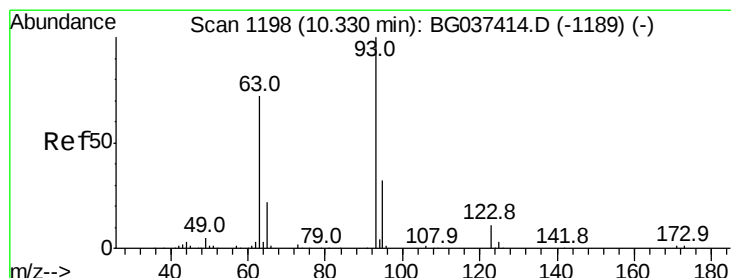
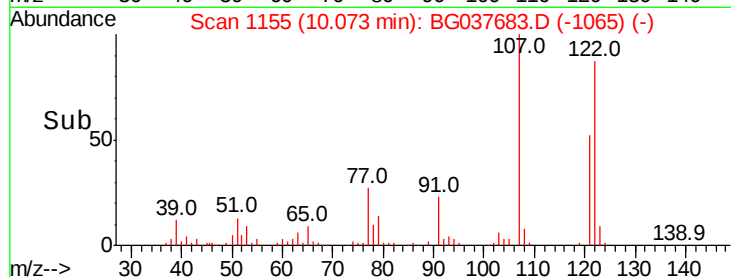
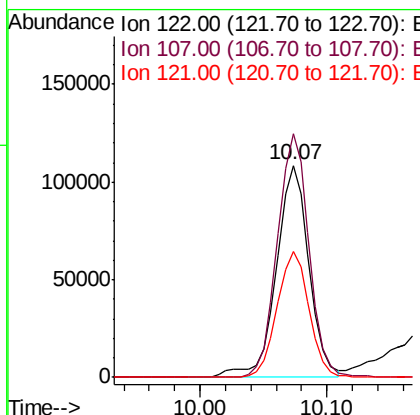
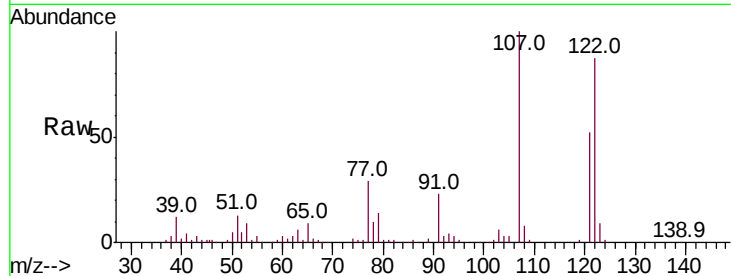




#27
2,4-Dimethylphenol
Concen: 51.039 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

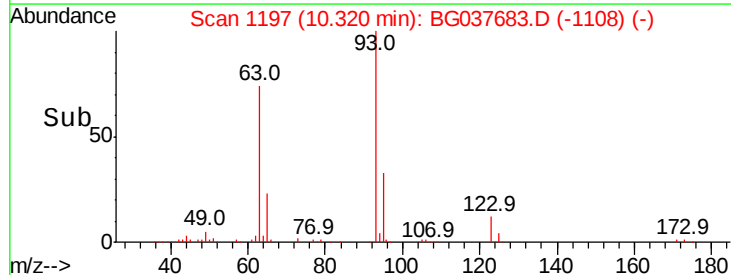
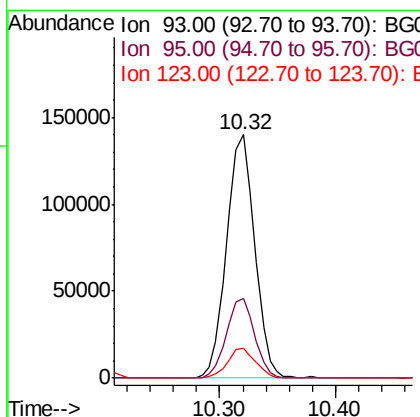
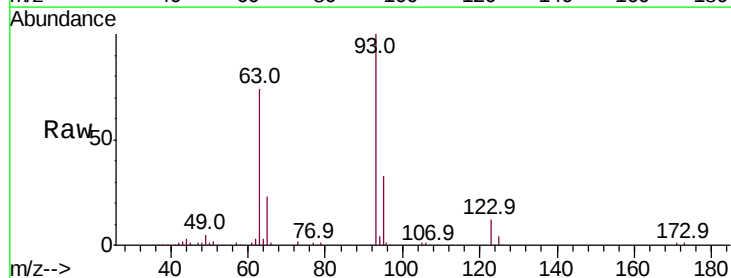
Instrument :
BNA_G
ClientSampleId :

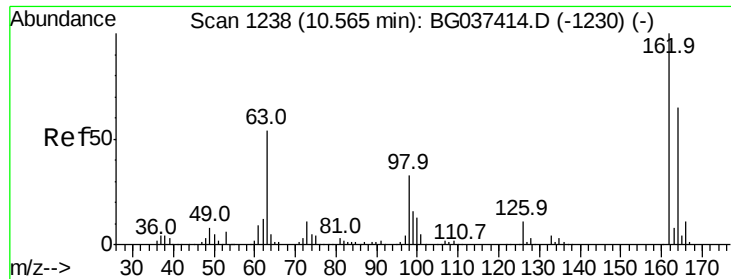
Tot Ion:122 Resp: 193341
Ion Ratio Lower Upper
122 100
107 114.7 94.2 141.2
121 59.3 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.700 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion: 93 Resp: 237159
Ion Ratio Lower Upper
93 100
95 32.8 24.6 37.0
123 12.3 9.1 13.7

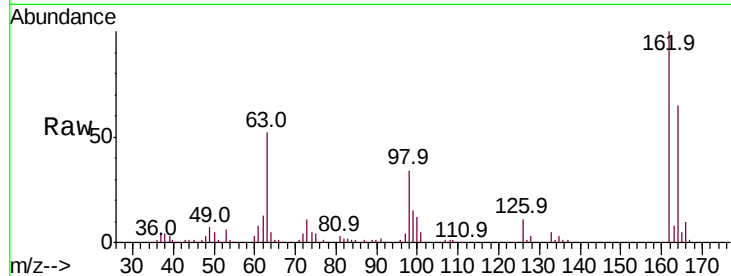




#29
 2,4-Dichlorophenol
 Concen: 46.986 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.2	83.2
98	33.6	16.0	56.0

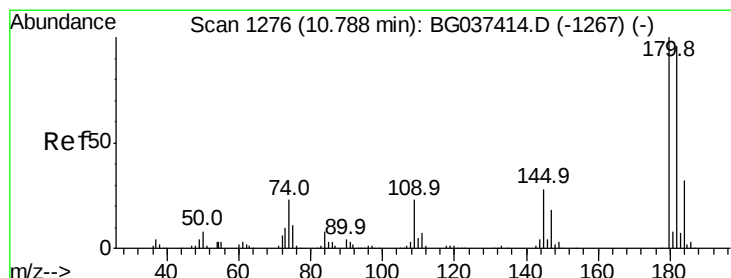
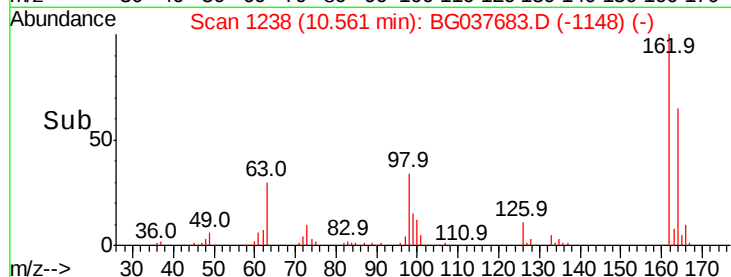
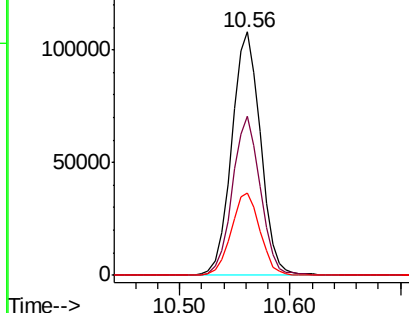


Abundance

Ion 162.00 (161.70 to 162.70): E

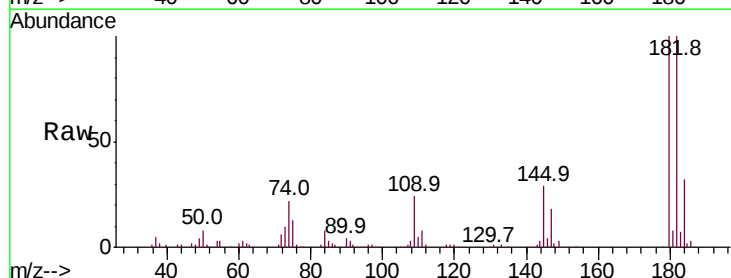
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.282 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.7	116.5
145	28.7	23.3	34.9

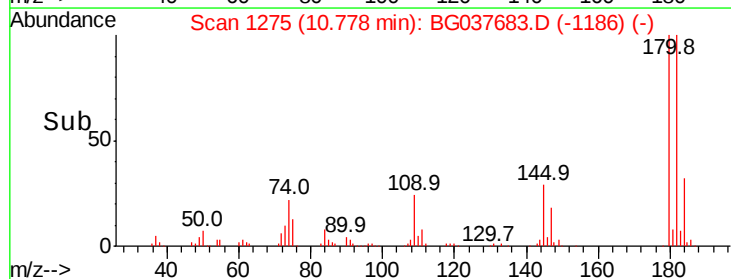
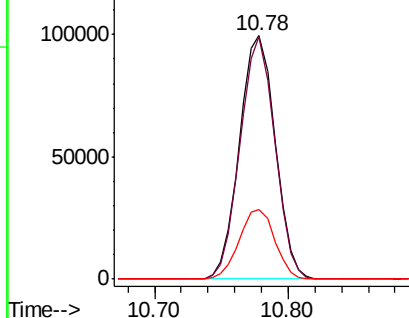


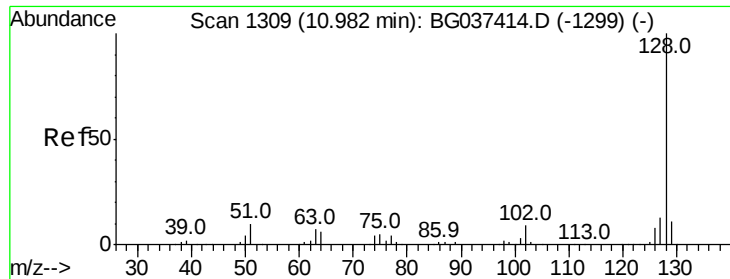
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

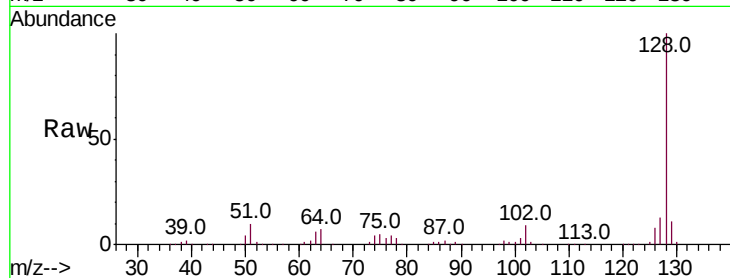




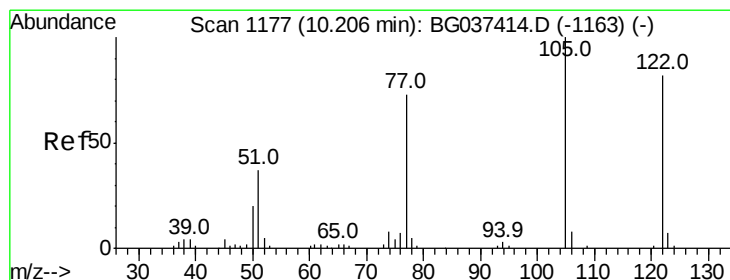
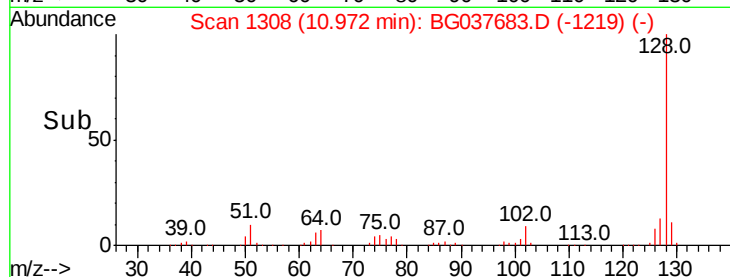
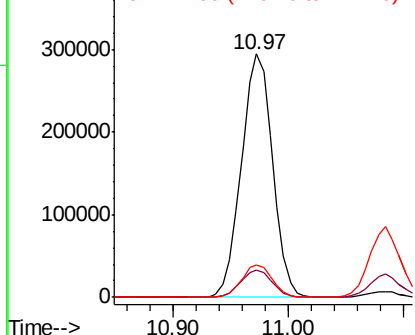
#31
Naphthalene
Concen: 44.121 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 550348
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 11.1 16.7

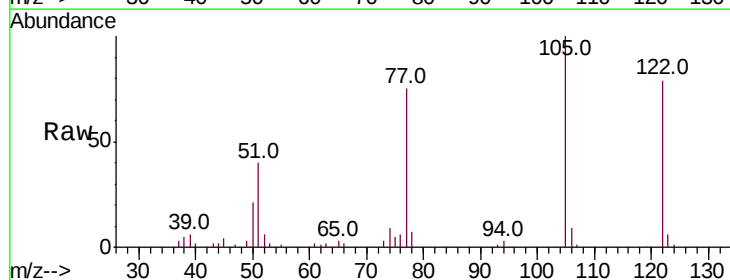


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

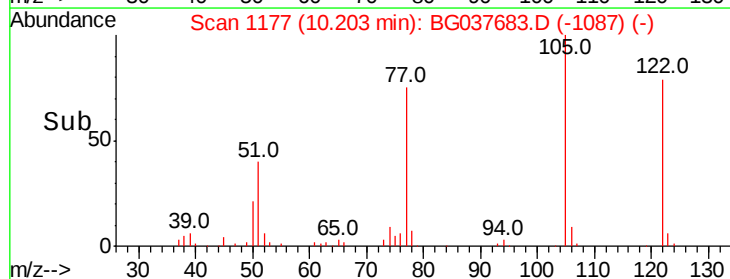
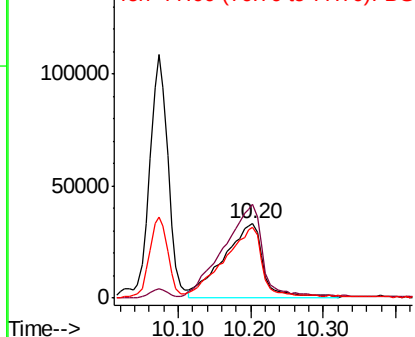


#32
Benzoic acid
Concen: 52.231 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:122 Resp: 128509
Ion Ratio Lower Upper
122 100
105 126.7 106.7 146.7
77 95.1 72.2 112.2



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

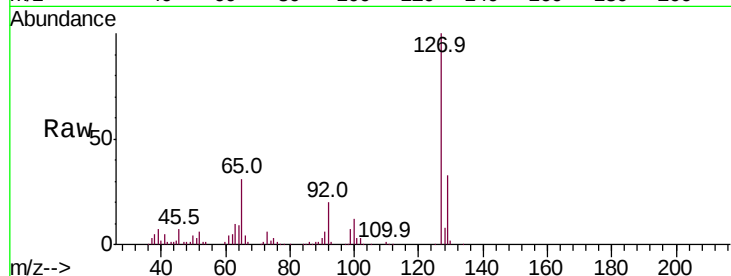




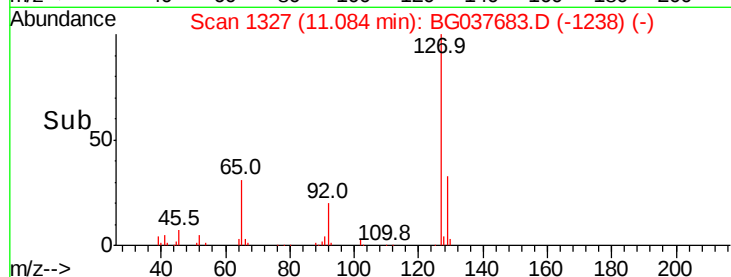
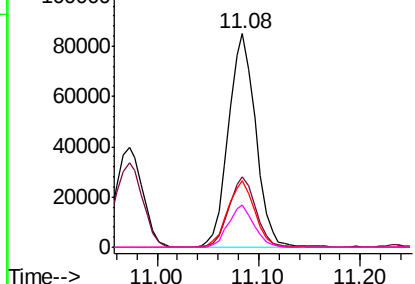
#33
4-Chloroaniline
Concen: 27.082 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	158721
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.1	40.7
65	31.2	26.6	39.8
92	19.8	16.4	24.6

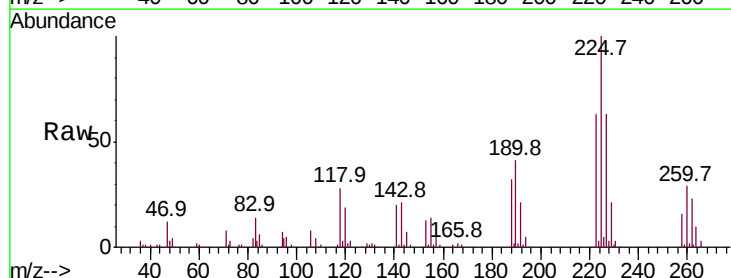


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

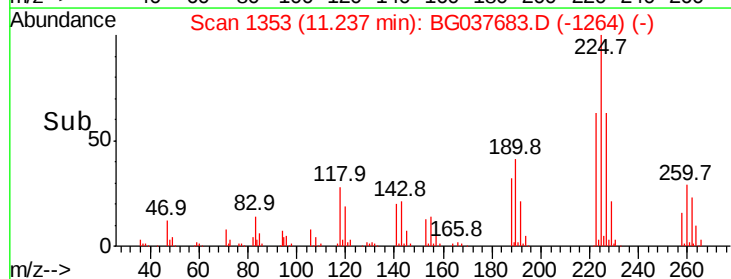
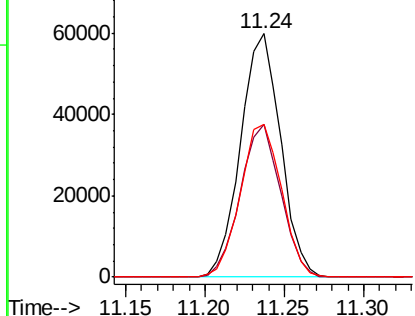


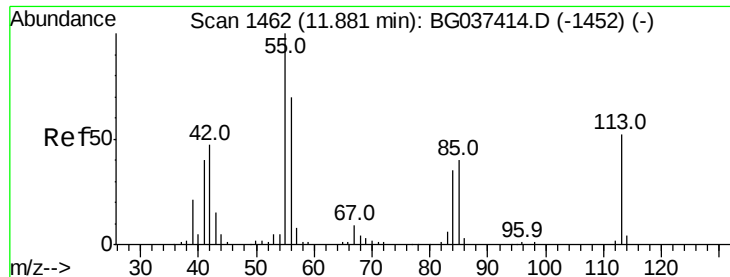
#34
Hexachlorobutadiene
Concen: 38.667 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:	225	Resp:	105112
Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.2	72.4
227	62.2	51.6	77.4



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





#35

Caprolactam

Concen: 26.226 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

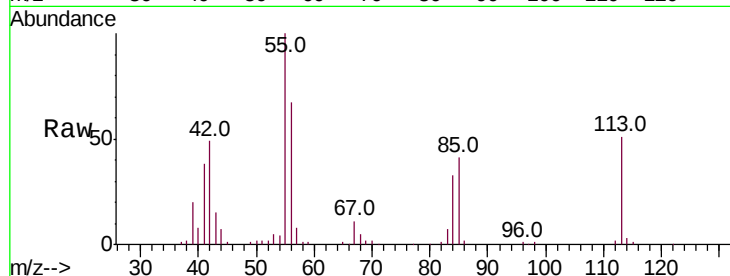
Tot Ion:113 Resp: 44363

Ion Ratio Lower Upper

113 100

55 195.3 176.6 216.6

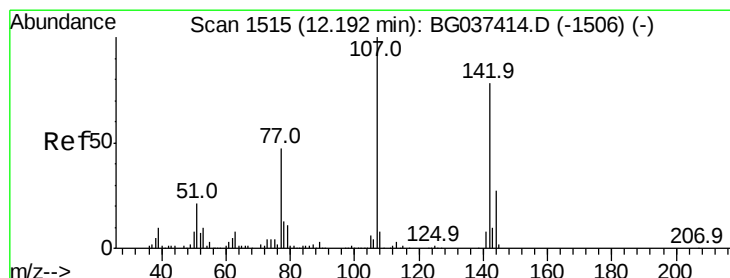
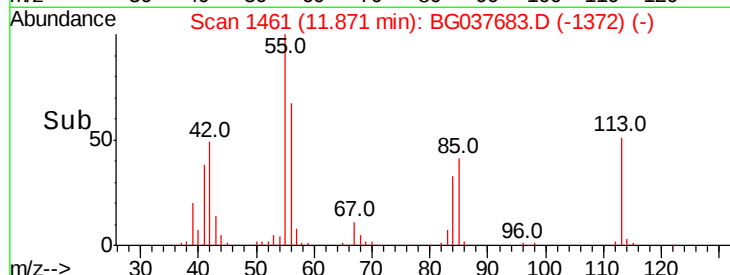
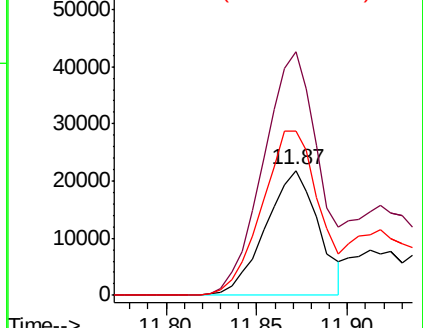
56 131.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.536 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

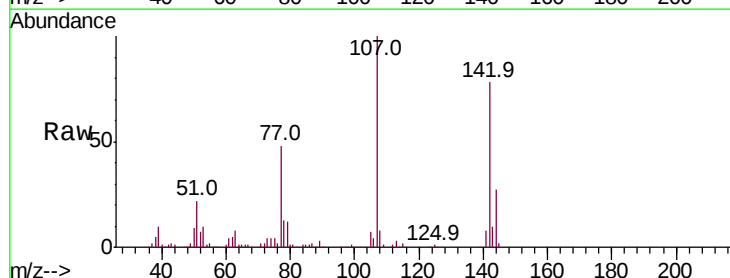
Tgt Ion:107 Resp: 216592

Ion Ratio Lower Upper

107 100

144 27.1 20.7 31.1

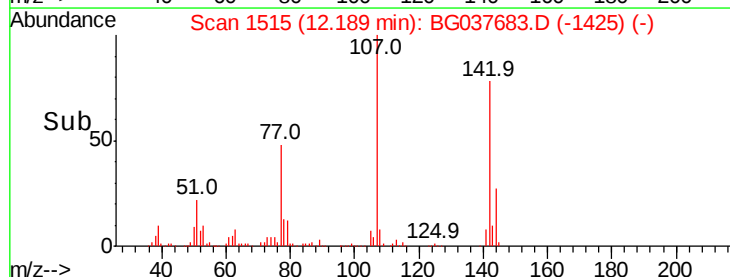
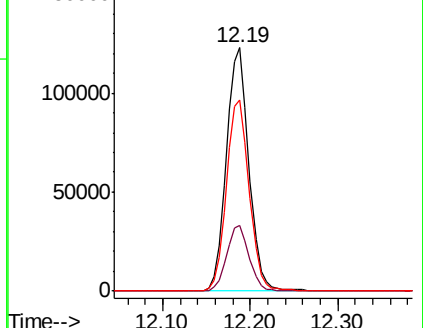
142 78.3 64.4 96.6



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: 45.972 ng

RT: 12.57 min Scan# 1580

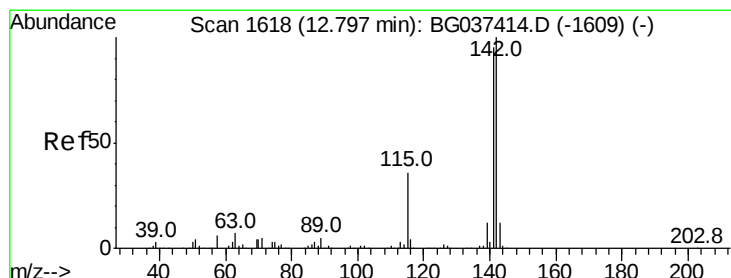
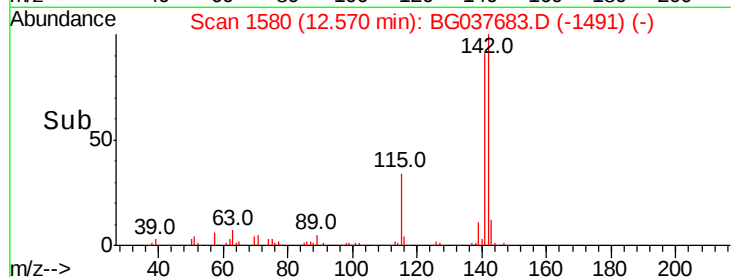
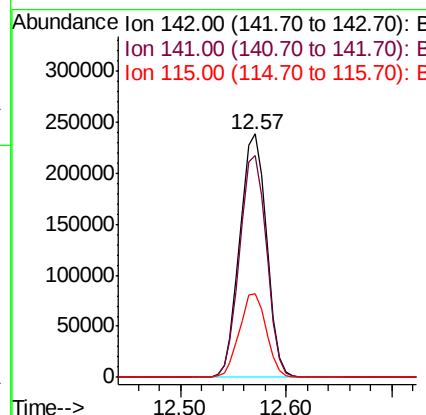
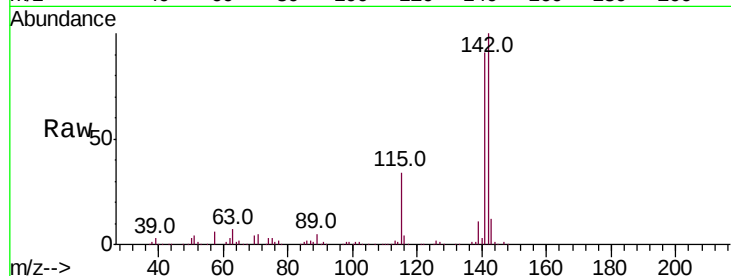
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9
115	34.2	27.8	41.8



#38

1-Methylnaphthalene

Concen: 45.371 ng

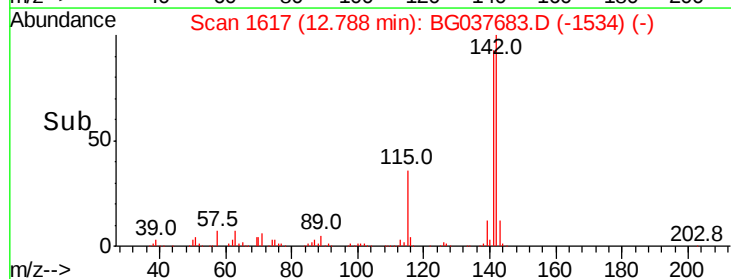
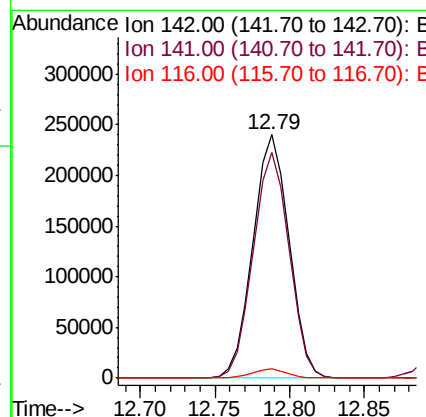
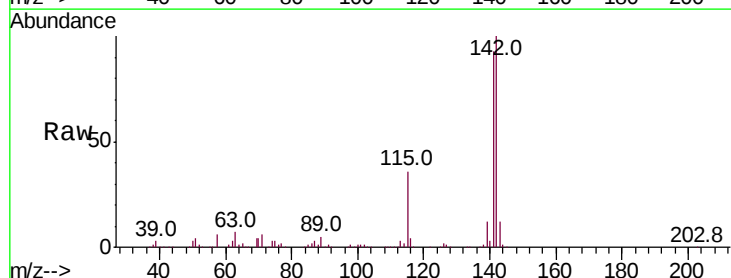
RT: 12.79 min Scan# 1617

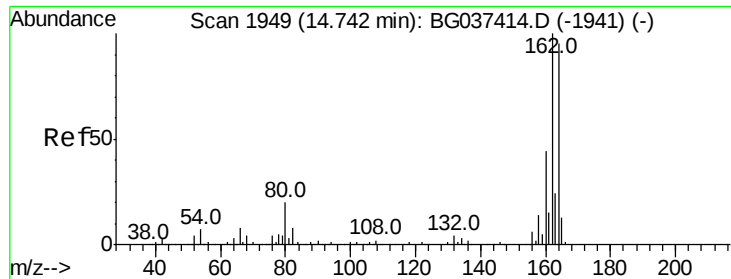
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.2	112.8
116	3.7	3.3	4.9

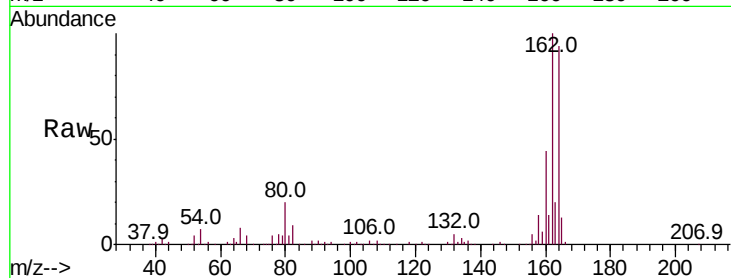




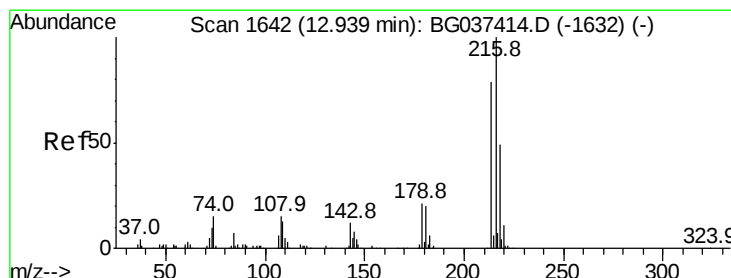
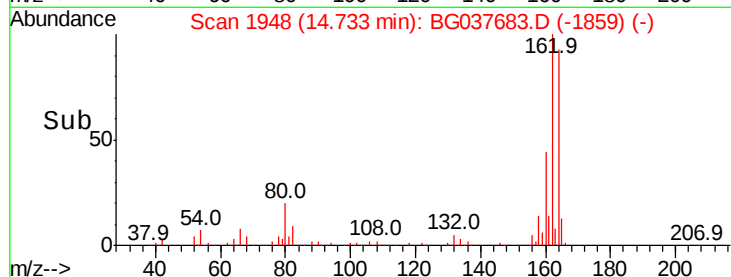
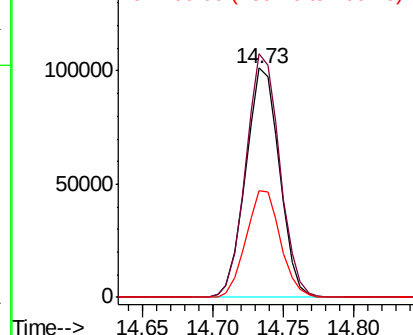
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 169474
Ion Ratio Lower Upper
164 100
162 106.3 81.3 121.9
160 46.5 36.3 54.5



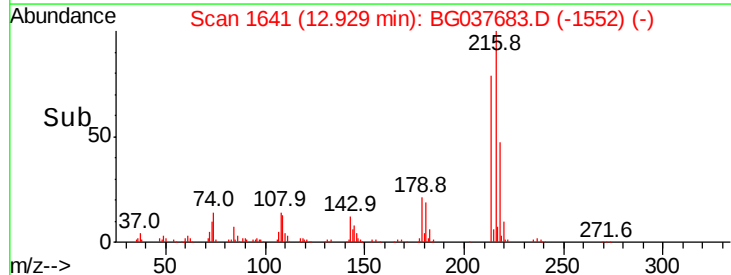
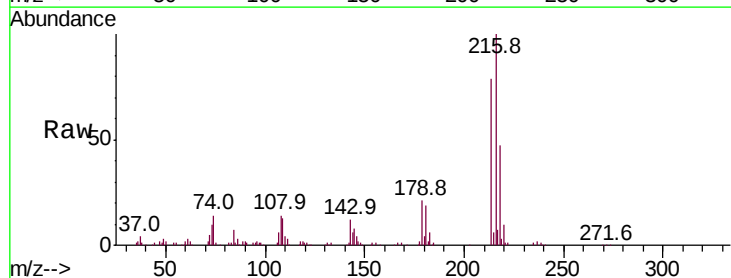
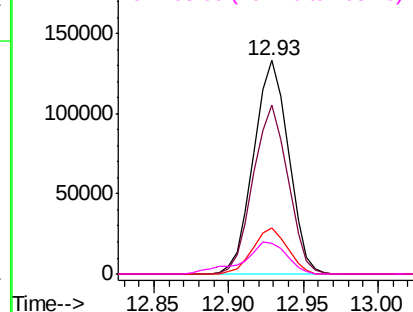
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

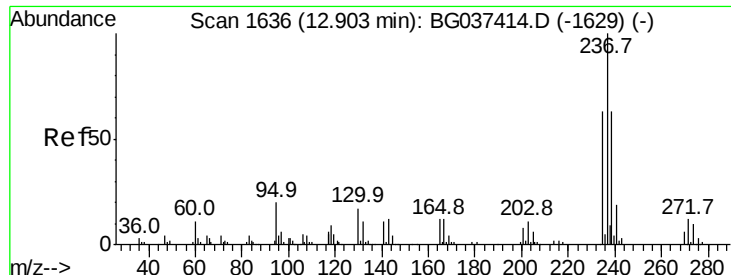


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.380 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:216 Resp: 215269
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 21.2 17.4 26.0
108 18.9 13.9 20.9

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: 99.786 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

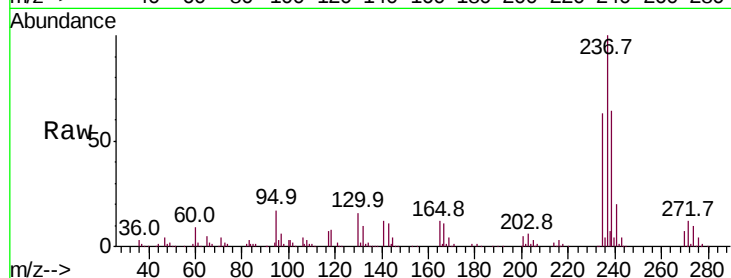
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 260559

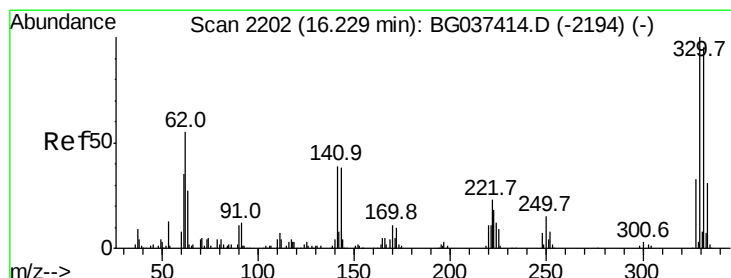
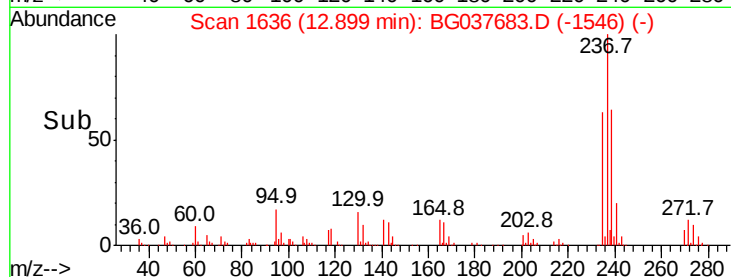
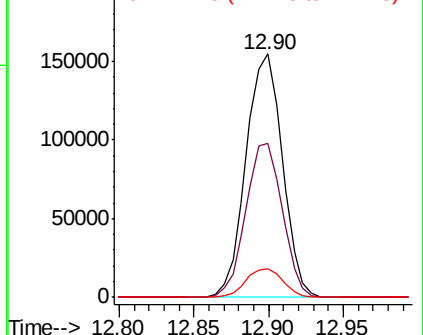
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.5	82.5
272	11.8	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 167.413 ng

RT: 16.23 min Scan# 2202

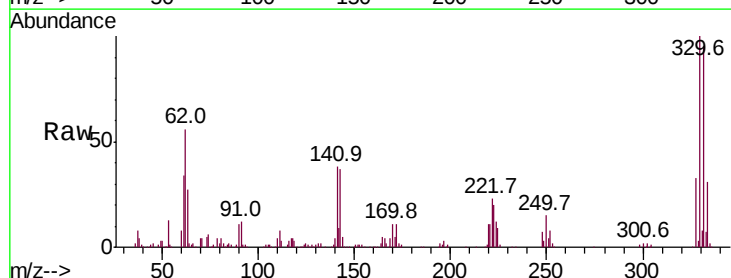
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:330 Resp: 309452

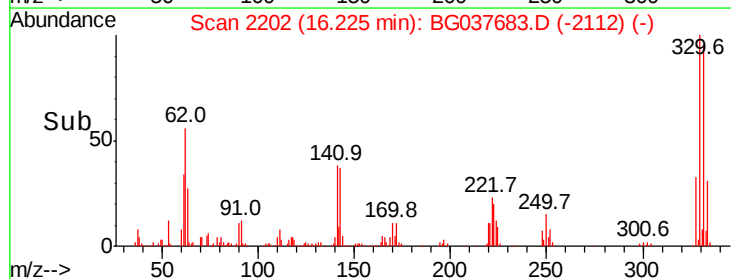
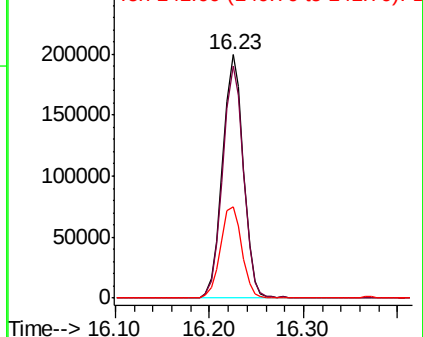
Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.7	32.2	48.2



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

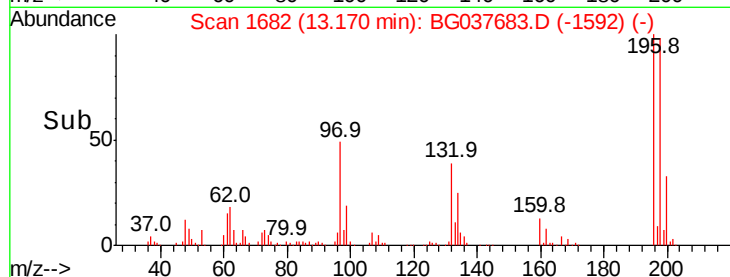
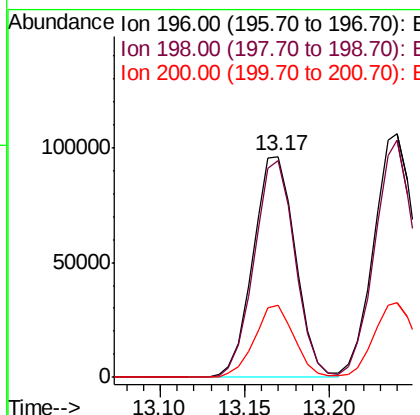
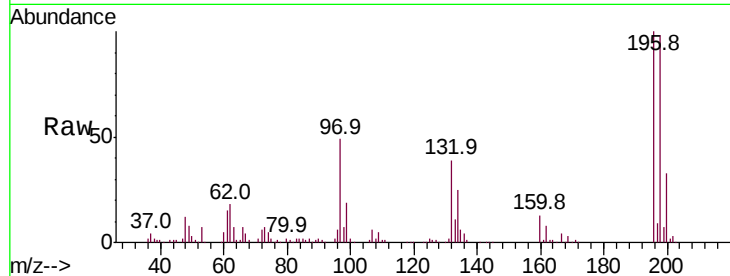




#43
 2,4,6-Trichlorophenol
 Concen: 45.795 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

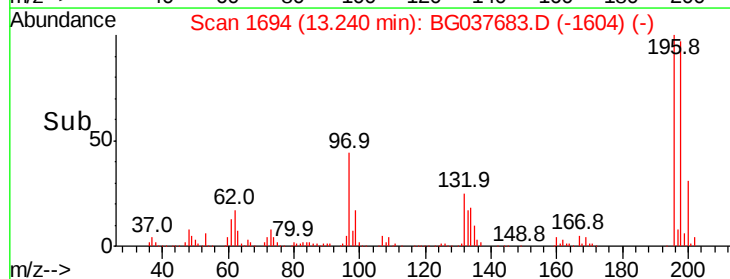
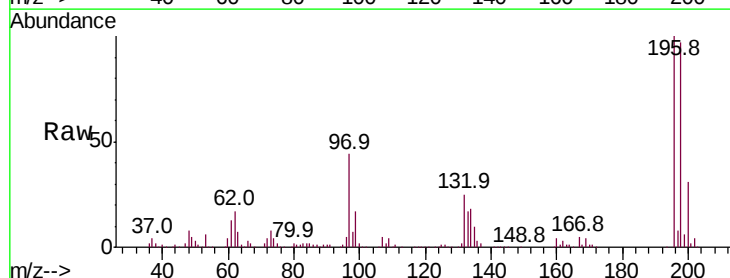
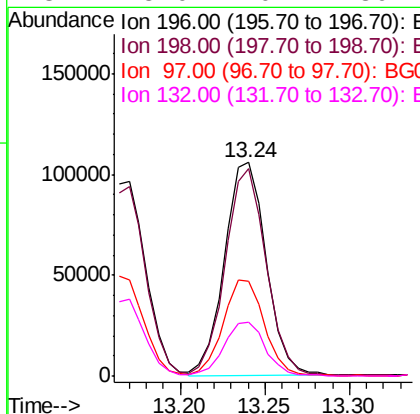
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.4	114.6
200	32.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.395 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.2	111.2
97	44.4	34.1	51.1
132	25.0	20.2	30.4

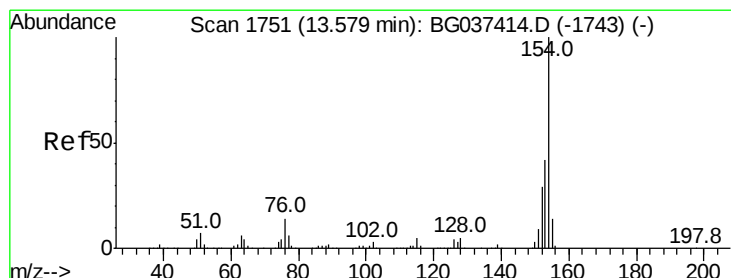
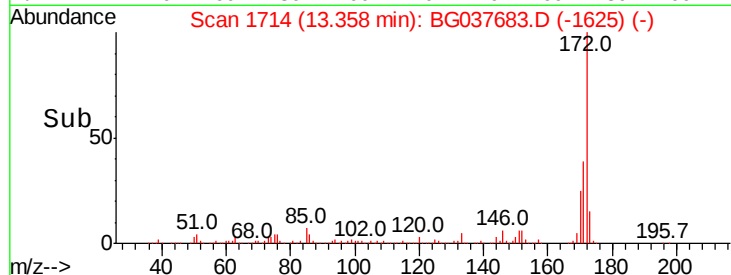
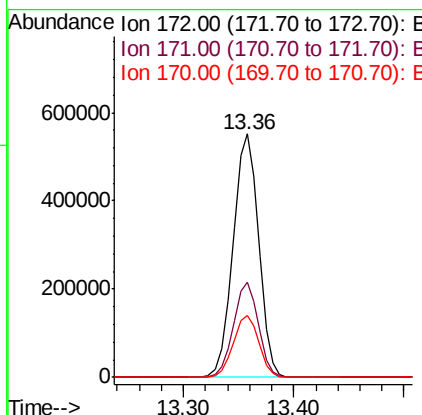
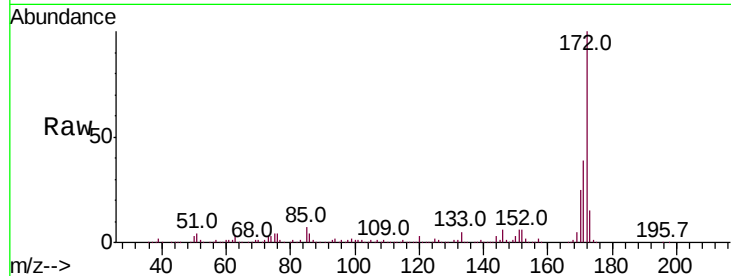




#45
2-Fluorobiphenyl
Concen: 79.798 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

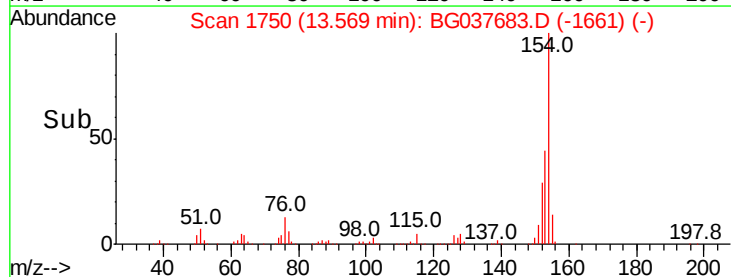
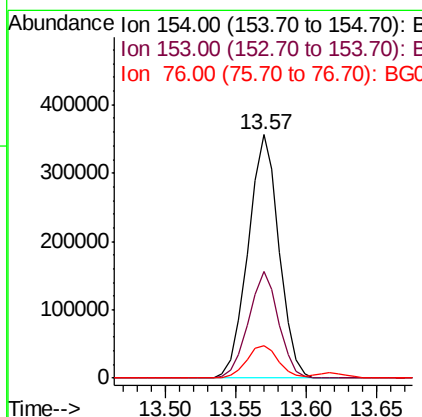
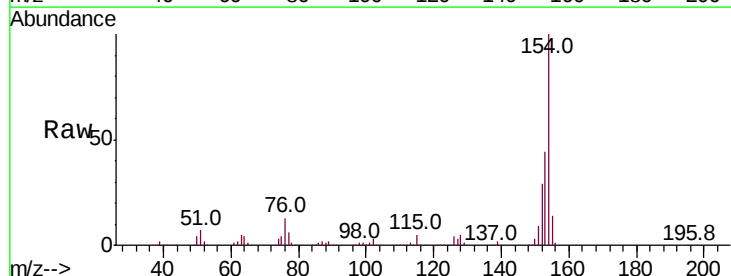
Instrument :
BNA_G
ClientSampleId :

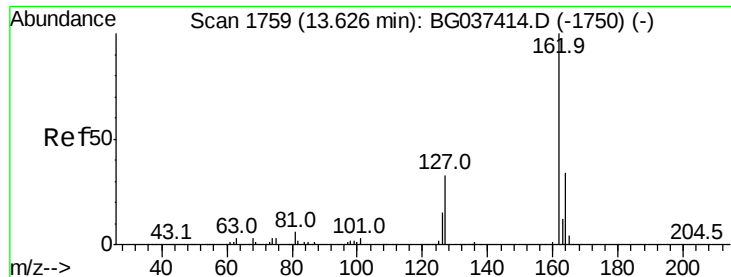
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.4	20.2	30.2



#46
1,1'-Biphenyl
Concen: 39.029 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	22.1	62.1
76	13.5	0.0	33.2

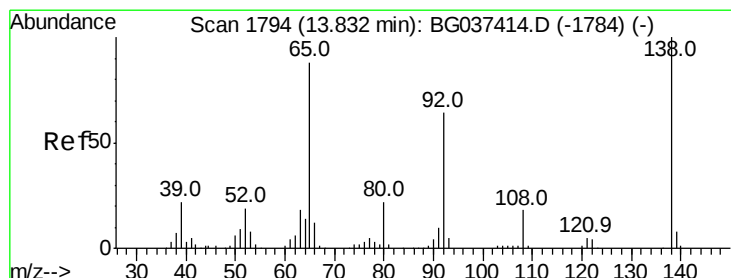
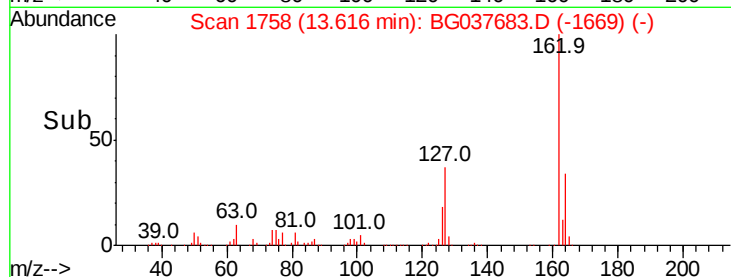
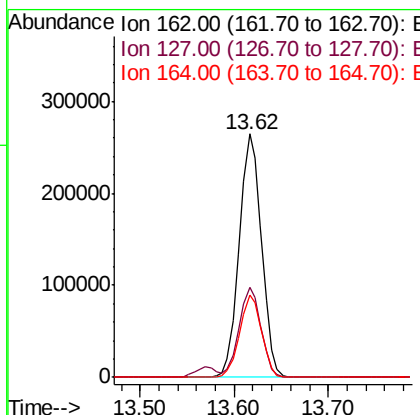
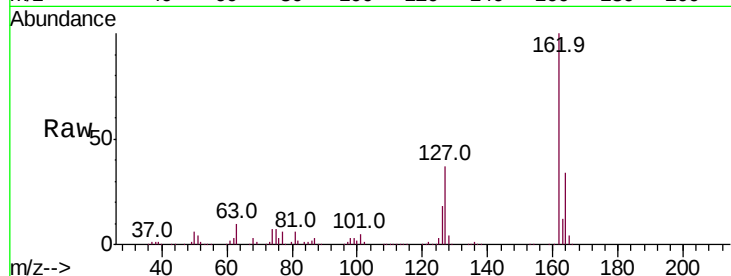




#47
 2-Chloronaphthalene
 Concen: 40.860 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

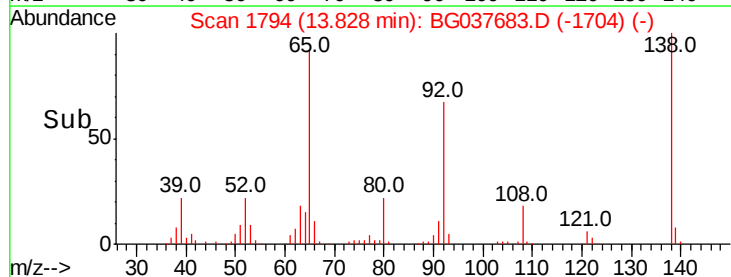
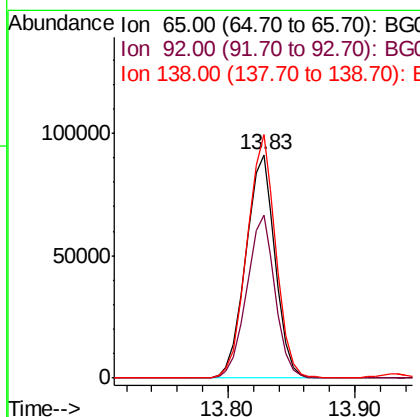
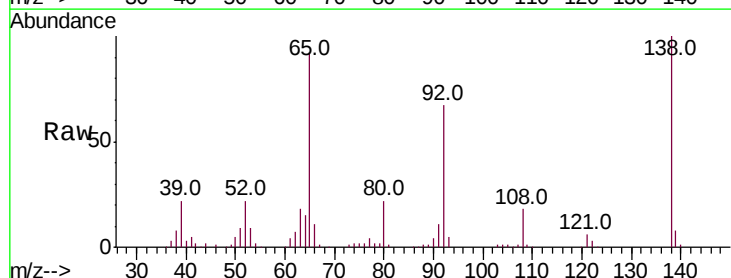
Instrument :
 BNA_G
 ClientSampleId :

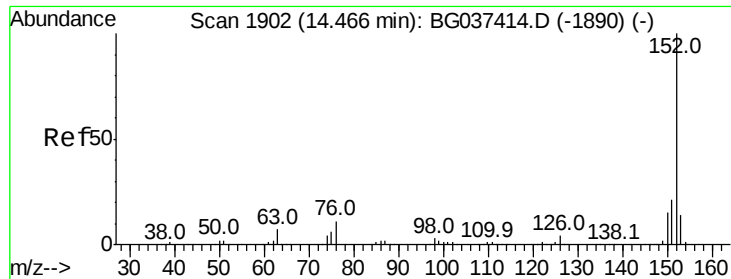
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	33.7	26.4	39.6



#48
 2-Nitroaniline
 Concen: 45.608 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	53.2	79.8
138	109.1	79.3	118.9





#49

Acenaphthylene

Concen: 45.149 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampled :

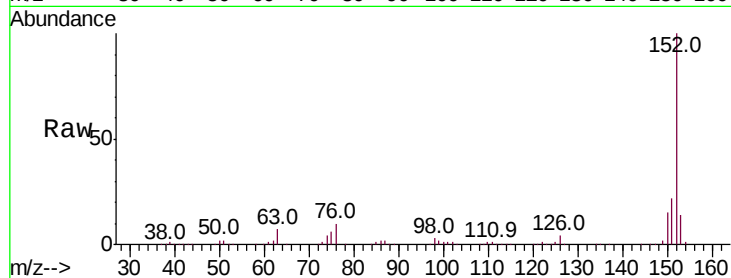
Tot Ion:152 Resp: 721159

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

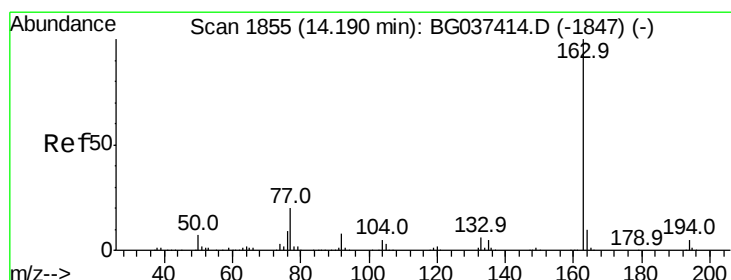
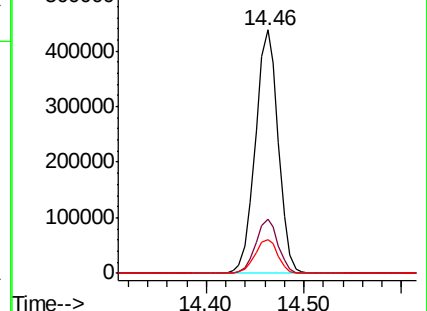
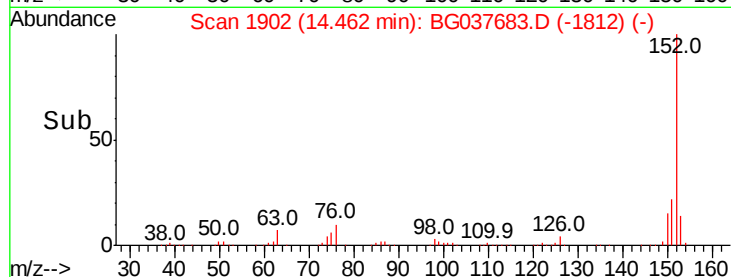
153 14.0 11.1 16.7



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: 43.513 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

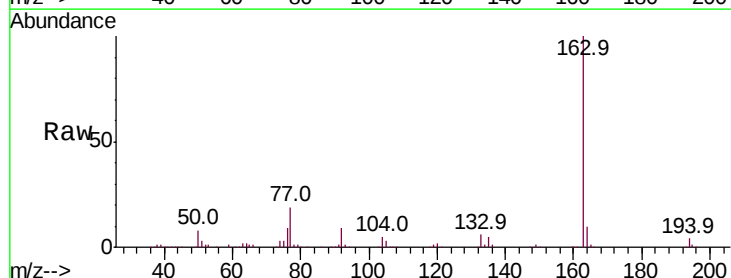
Tgt Ion:163 Resp: 570485

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

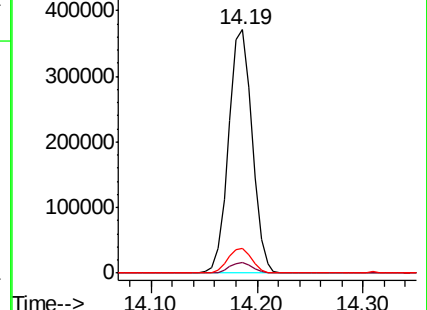
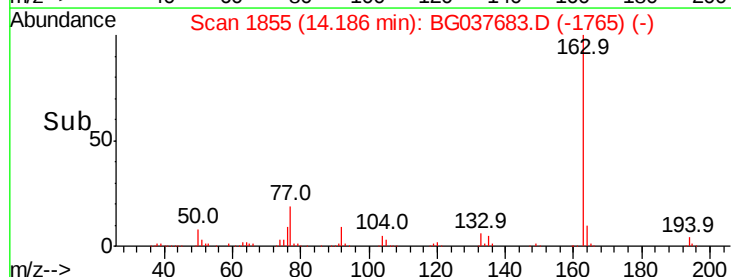
164 10.3 8.5 12.7

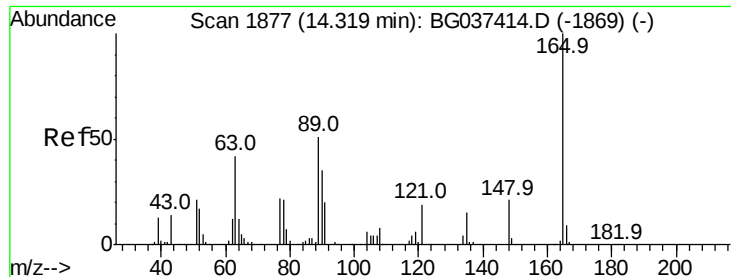


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

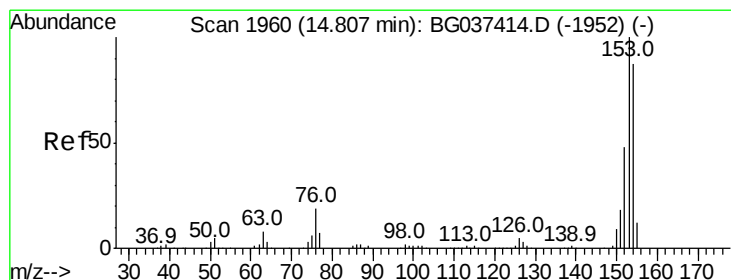
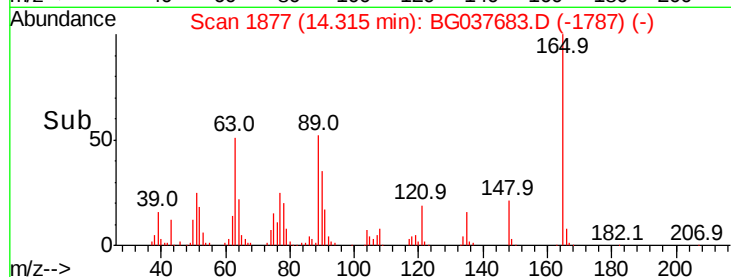
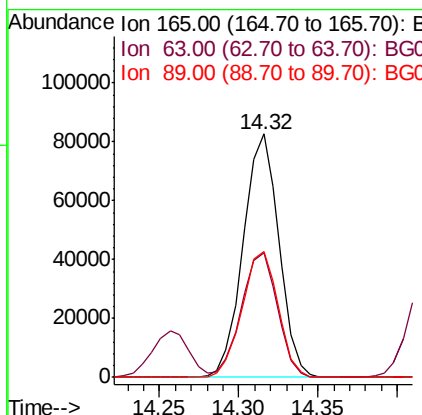
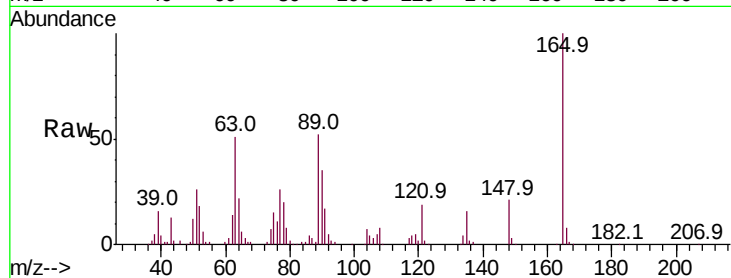




#51
 2,6-Dinitrotoluene
 Concen: 44.650 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

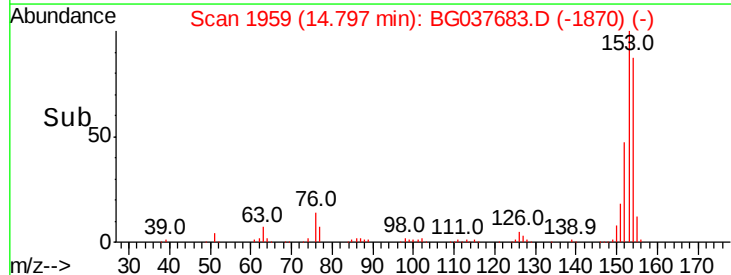
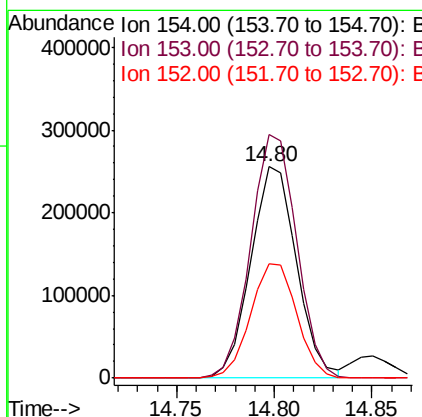
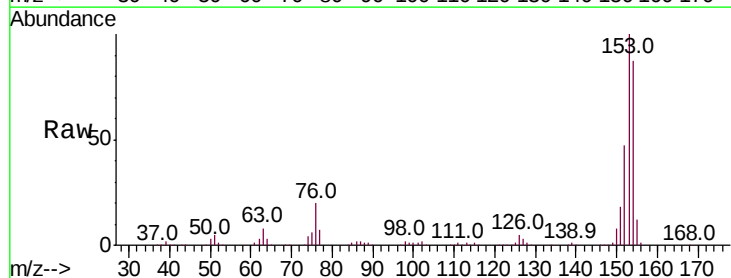
Instrument :
 BNA_G
 ClientSampled :

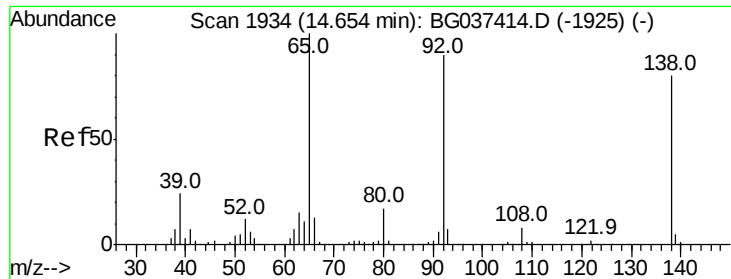
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	43.4	65.2
89	51.7	45.8	68.6



#52
 Acenaphthene
 Concen: 42.385 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	93.4	140.0
152	54.2	44.7	67.1

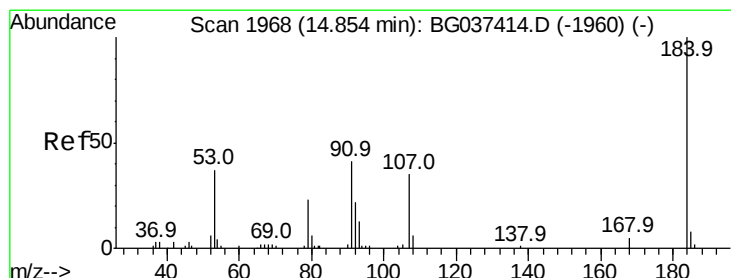
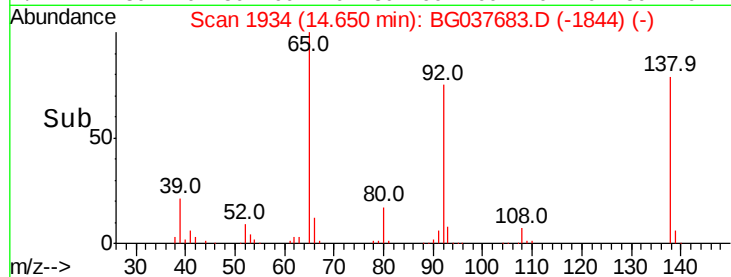
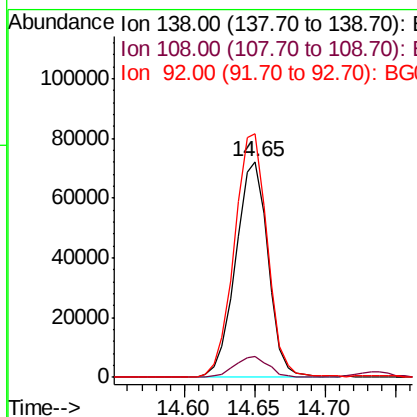
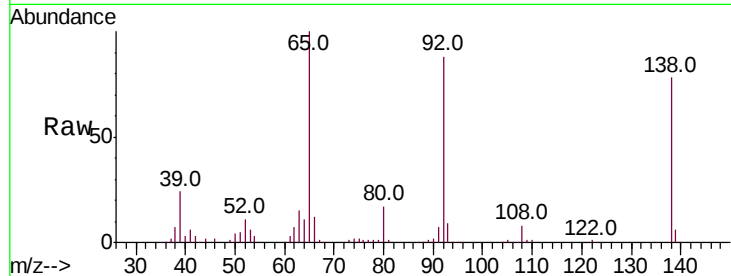




#53
 3-Nitroaniline
 Concen: 36.125 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

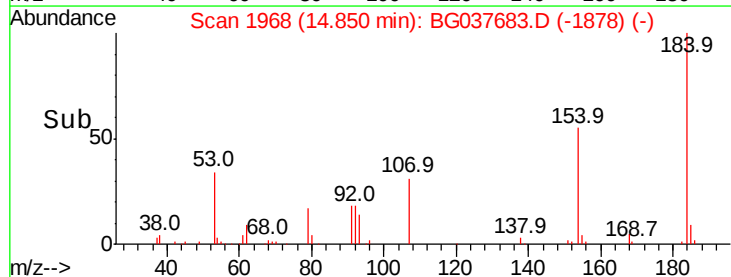
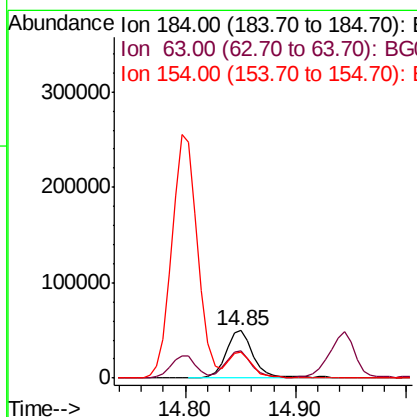
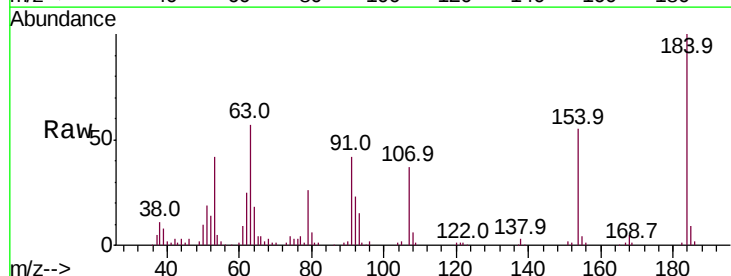
Instrument :
 BNA_G
 ClientSampleId :

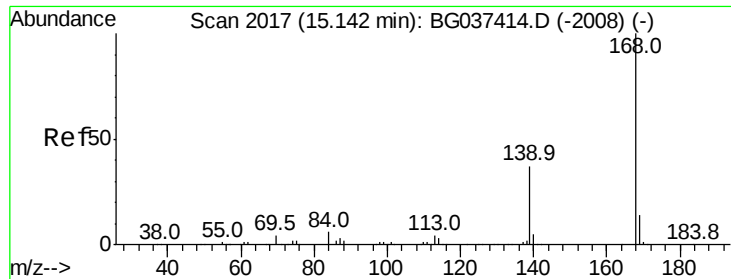
Tot Ion:138 Resp: 116317
 Ion Ratio Lower Upper
 138 100
 108 9.7 11.0 16.6#
 92 112.9 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 72.349 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:184 Resp: 87222
 Ion Ratio Lower Upper
 184 100
 63 57.1 42.6 63.8
 154 55.0 41.8 62.6

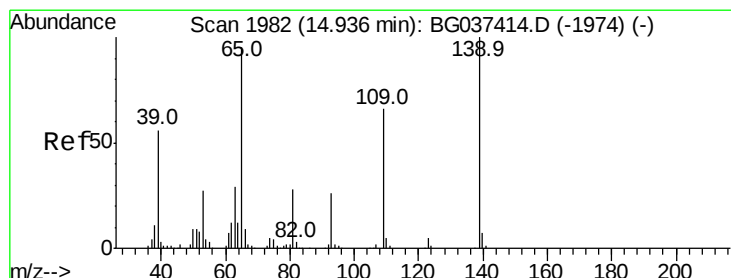
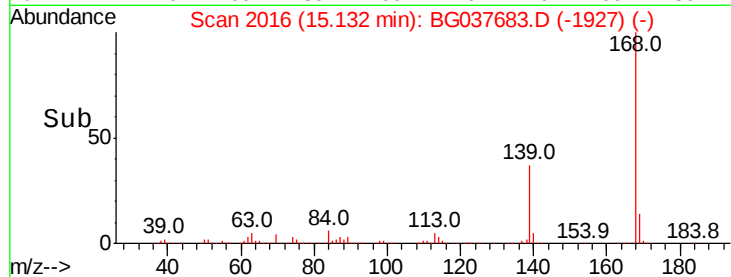
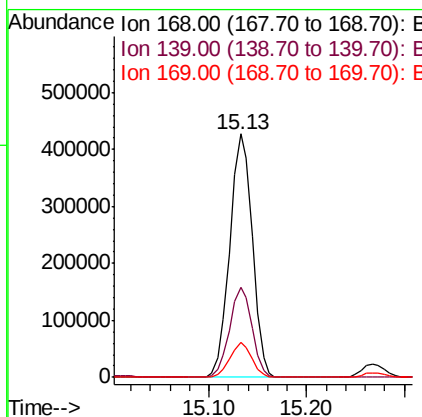
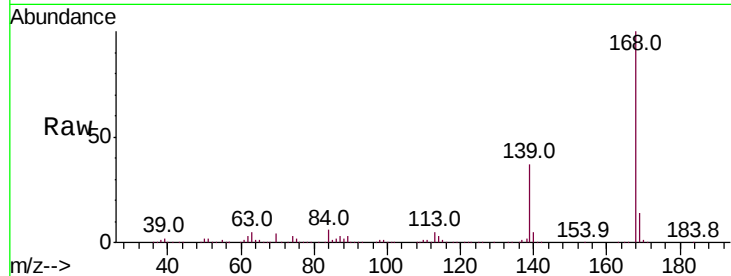




#55
Dibenzofuran
Concen: 42.024 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

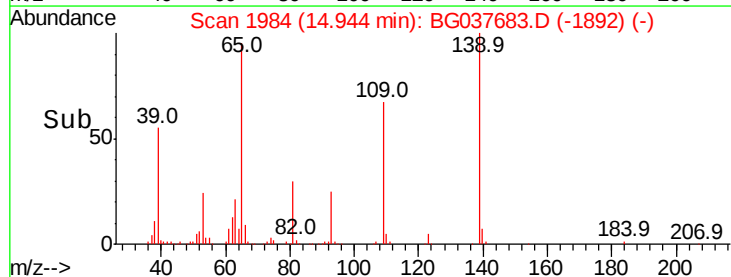
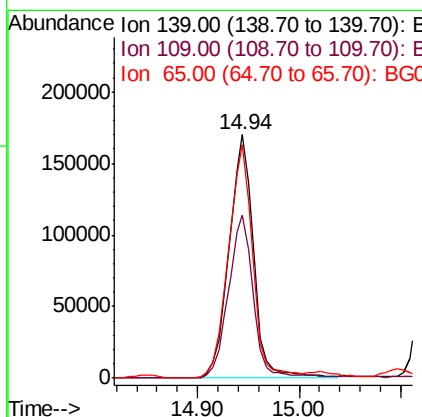
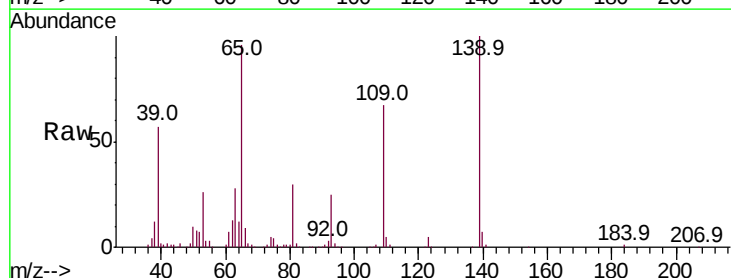
Instrument :
BNA_G
ClientSampleId :

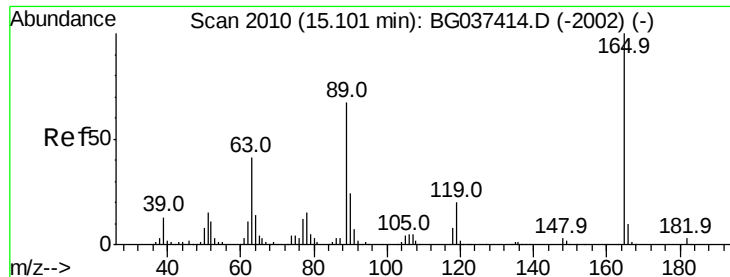
Tot Ion:168 Resp: 684935
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 119.720 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:139 Resp: 285330
Ion Ratio Lower Upper
139 100
109 67.1 49.5 89.5
65 95.8 76.8 116.8

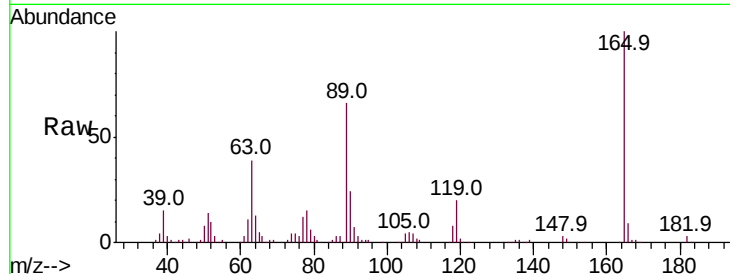




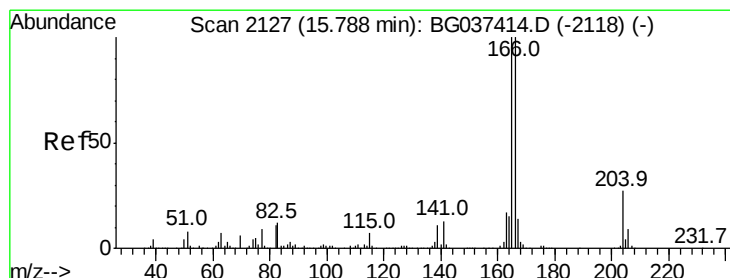
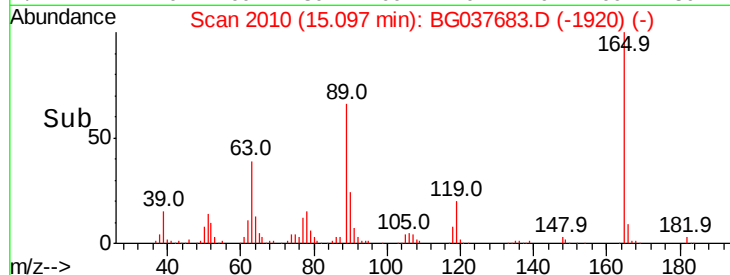
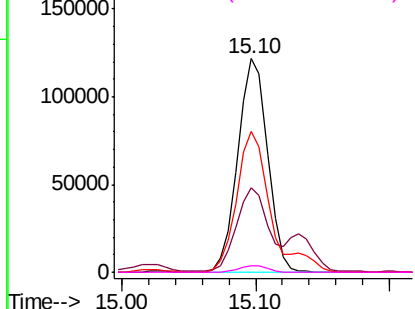
#57
2,4-Dinitrotoluene
Concen: 49.413 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.4	33.4	50.0
89	65.8	57.2	85.8
182	2.8	2.6	4.0

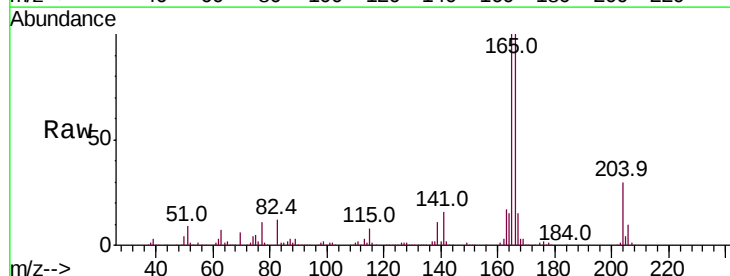


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

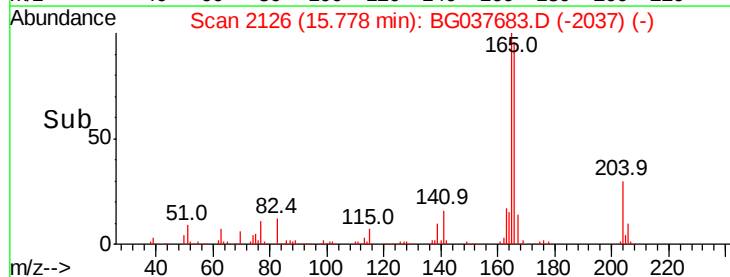
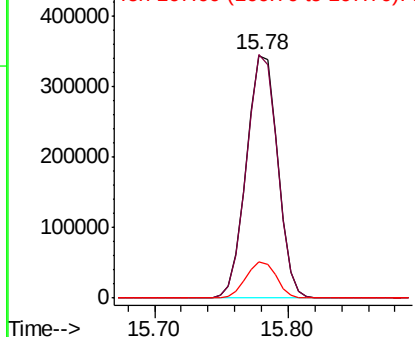


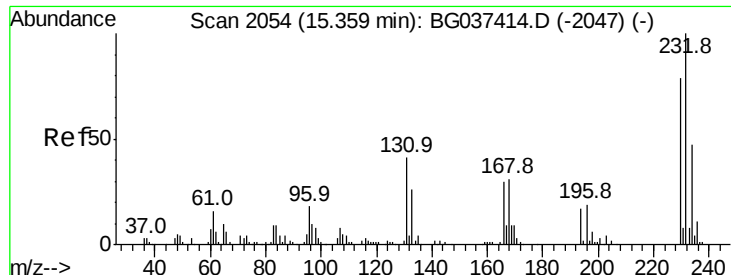
#58
Fluorene
Concen: 45.455 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.0	118.6
167	15.0	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

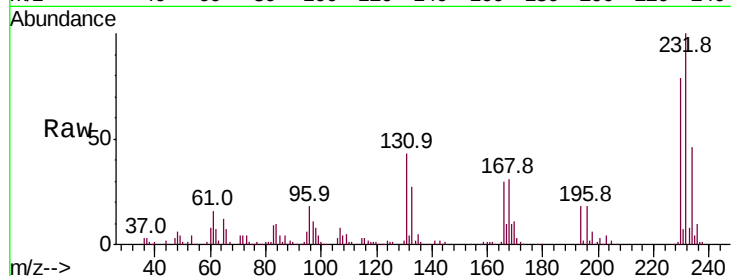




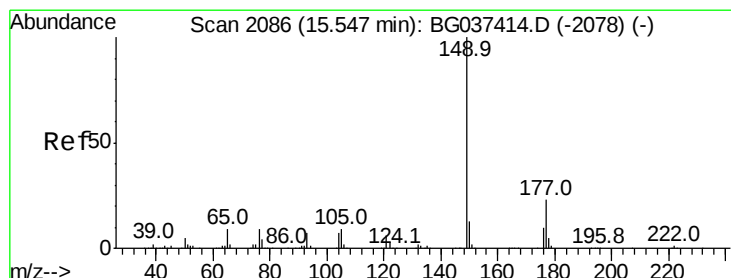
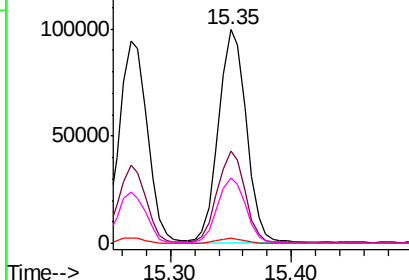
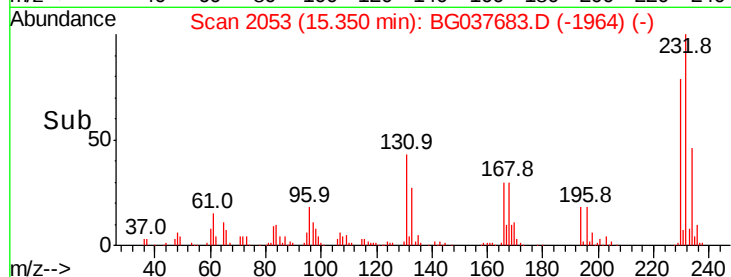
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.619 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 158713
 Ion Ratio Lower Upper
 232 100
 131 42.8 33.7 50.5
 130 2.2 2.1 3.1
 166 31.0 24.6 36.8

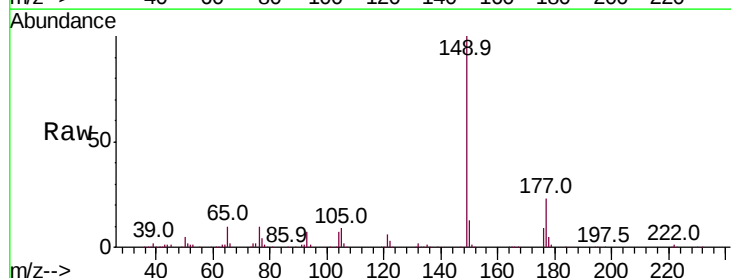


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

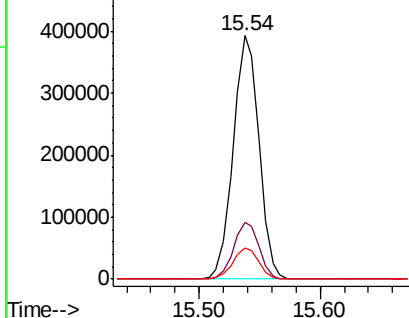
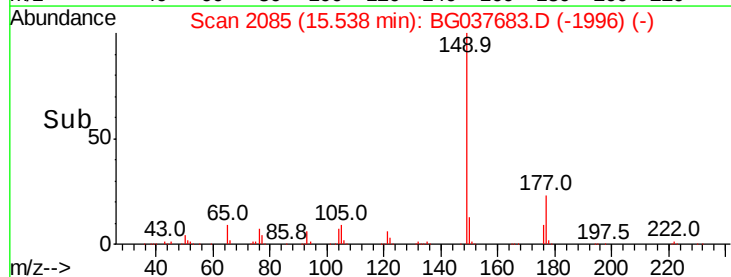


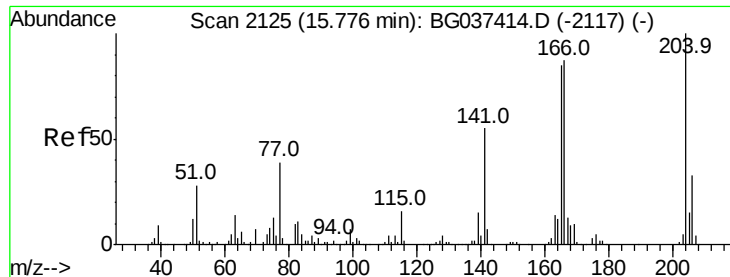
#60
 Diethylphthalate
 Concen: 43.287 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:149 Resp: 582652
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.3 27.5
 150 12.5 10.0 15.0



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

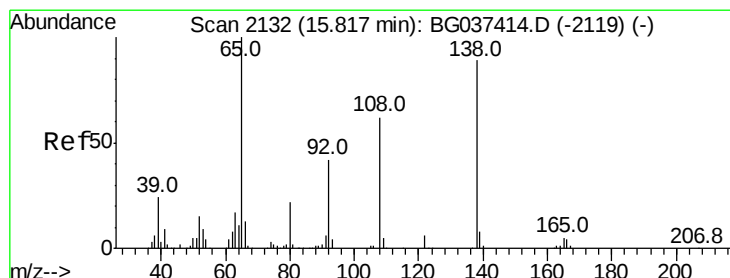
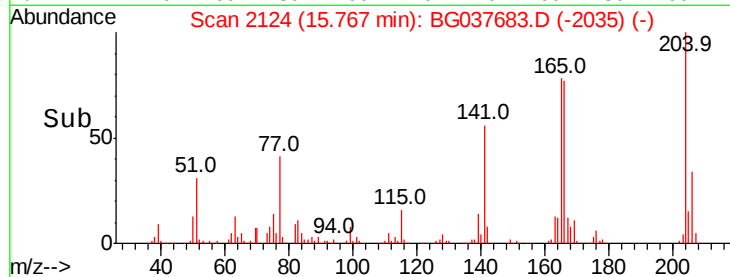
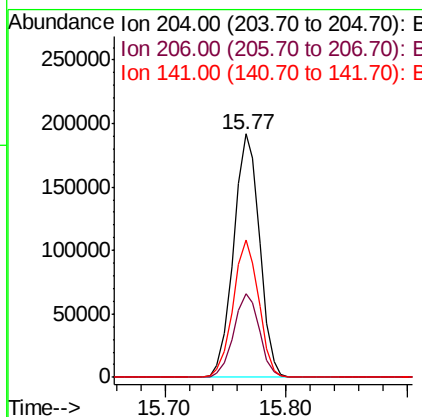
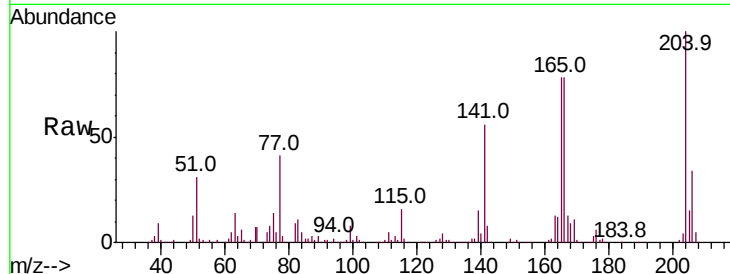




#61
 4-Chlorophenyl-phenylether
 Concen: 40.375 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

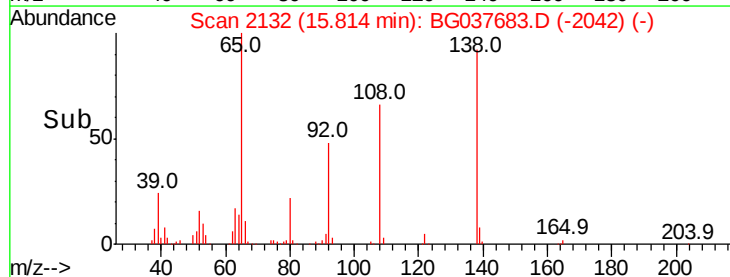
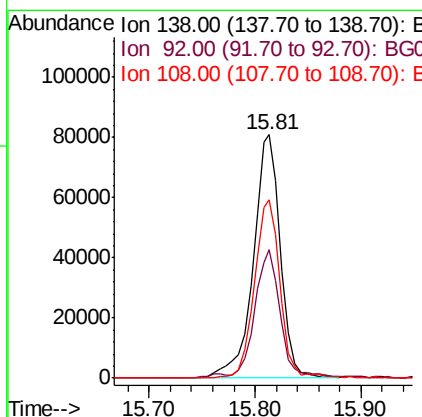
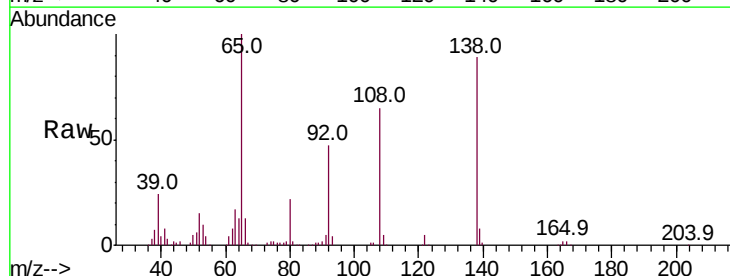
Instrument :
 BNA_G
 ClientSampled :

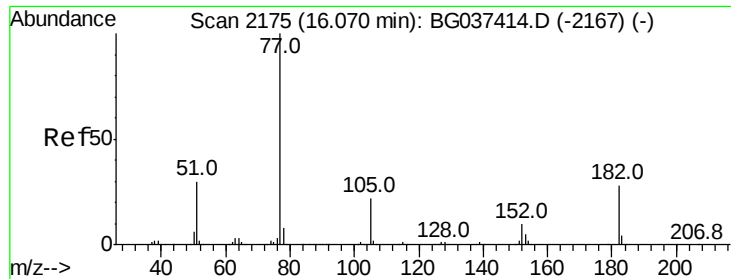
Tot Ion:204 Resp: 287226
 Ion Ratio Lower Upper
 204 100
 206 34.3 26.6 39.8
 141 56.3 45.4 68.2



#62
 4-Nitroaniline
 Concen: 45.133 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:138 Resp: 144400
 Ion Ratio Lower Upper
 138 100
 92 52.7 36.4 76.4
 108 73.1 60.1 100.1





#63

Azobenzene

Concen: 42.942 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 551489

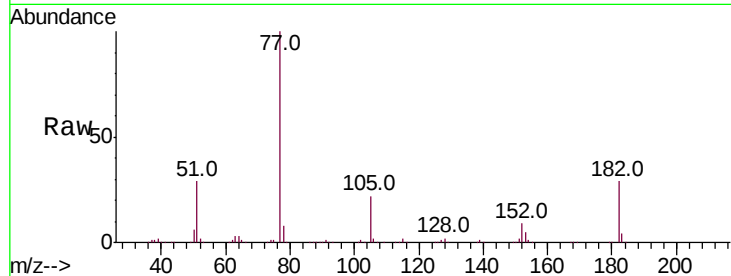
Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.0	48.0
105	21.9	1.3	41.3
51	29.2	10.7	50.7

77 100

182 28.6 8.0 48.0

105 21.9 1.3 41.3

51 29.2 10.7 50.7

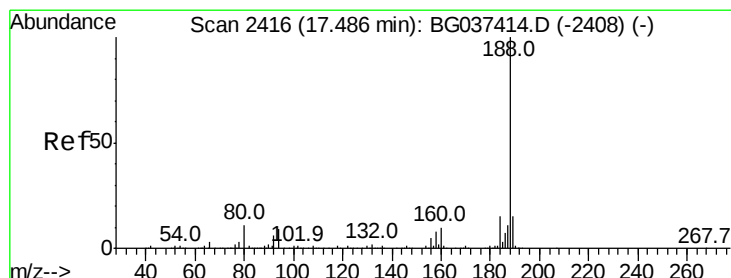
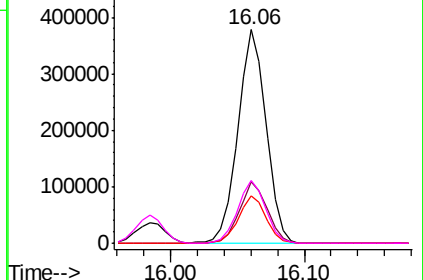
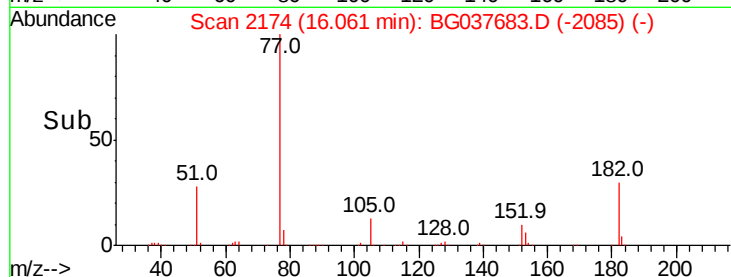


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

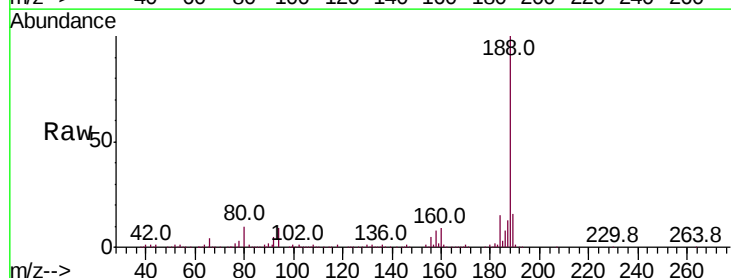
Tgt Ion: 188 Resp: 411425

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.2	7.7	11.5

188 100

94 9.0 7.2 10.8

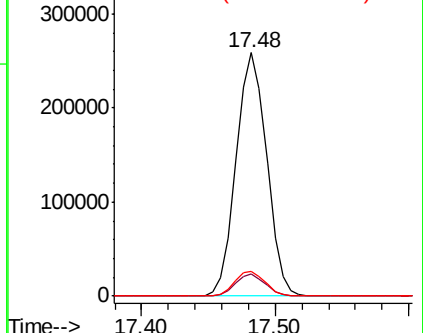
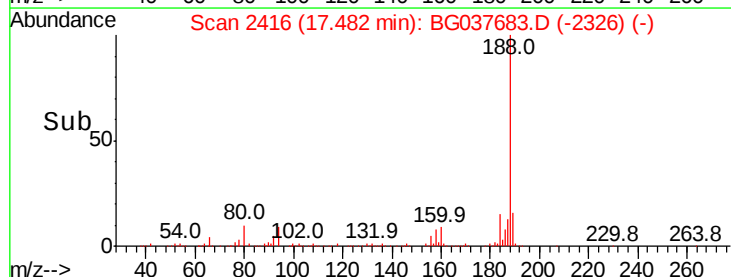
80 10.2 7.7 11.5

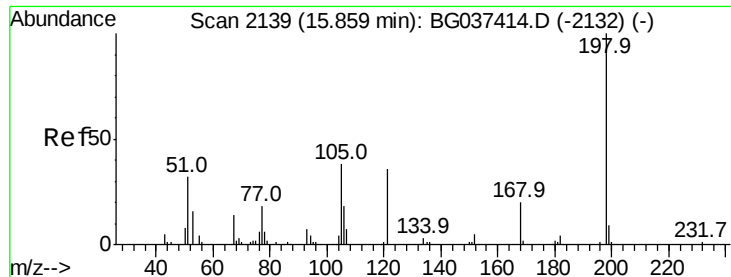


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

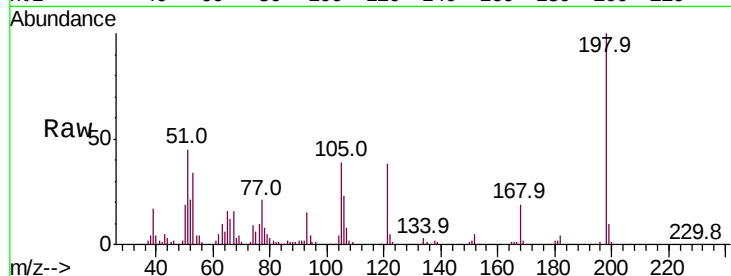




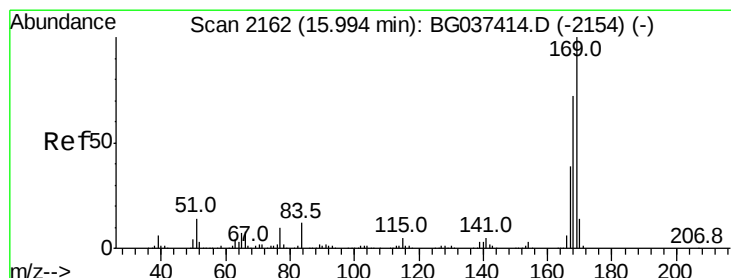
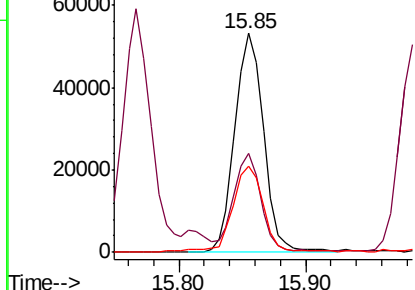
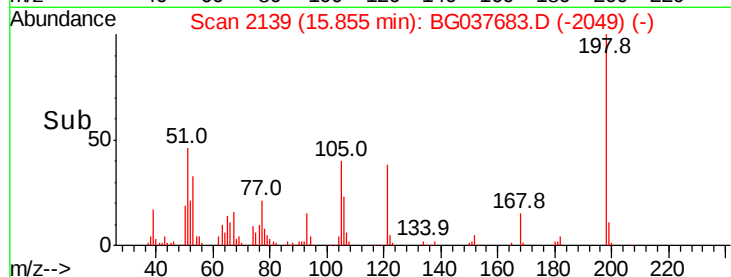
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.521 ng
 RT: 15.85 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	84005
Ion Ratio	100	Lower	Upper
51	45.3	22.7	62.7
105	39.5	19.7	59.7

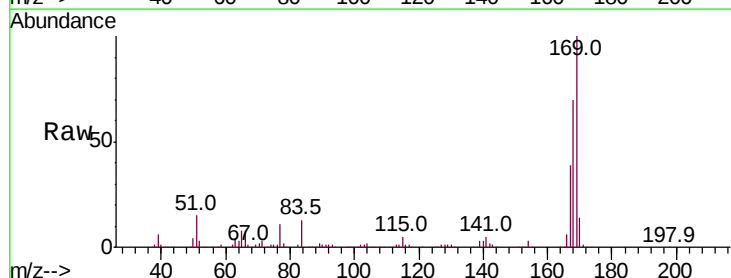


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

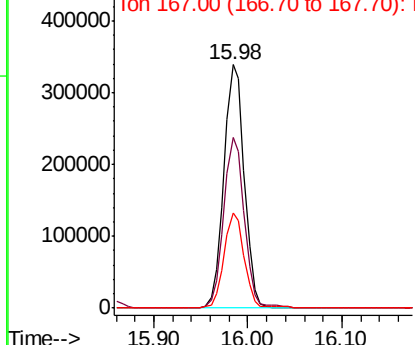
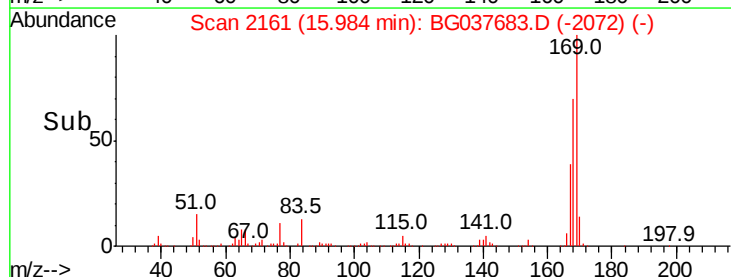


#66
 n-Nitrosodiphenylamine
 Concen: 41.293 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	169	Resp	511030
Ion Ratio	100	Lower	Upper
168	70.3	55.7	83.5
167	38.9	31.3	46.9



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

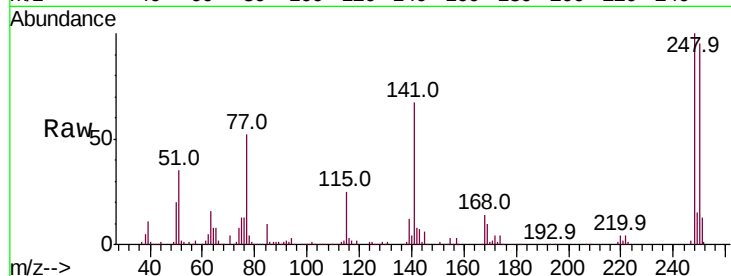




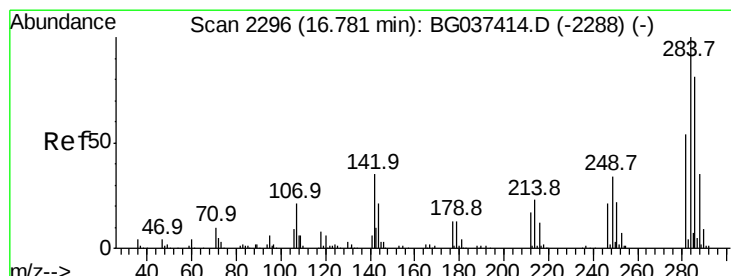
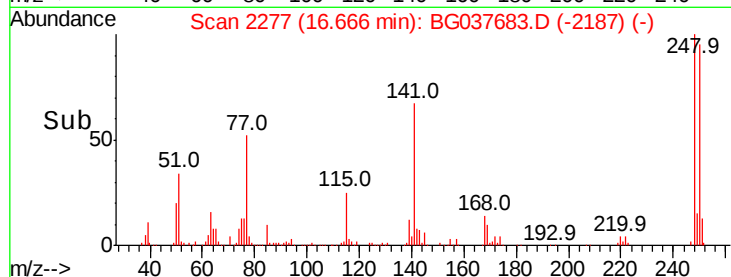
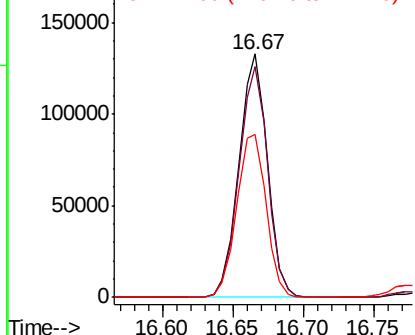
#67
 4-Bromophenyl-phenylether
 Concen: 41.290 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 186555
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.0 115.6
 141 67.1 55.5 83.3

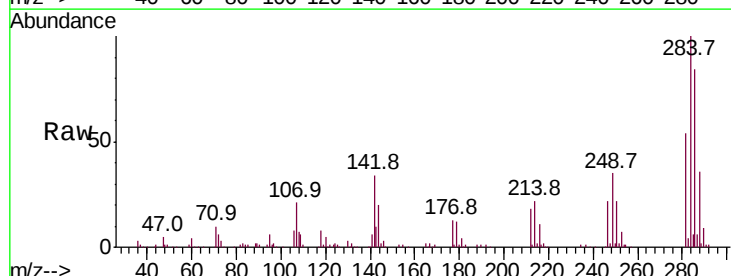


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

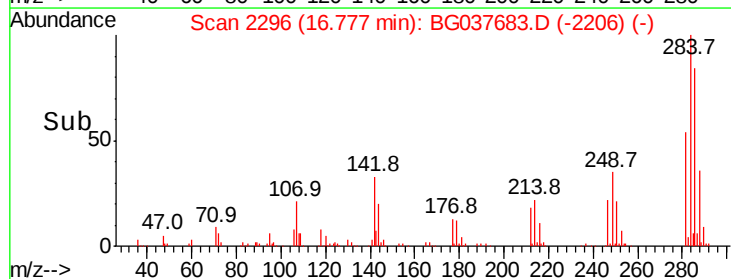
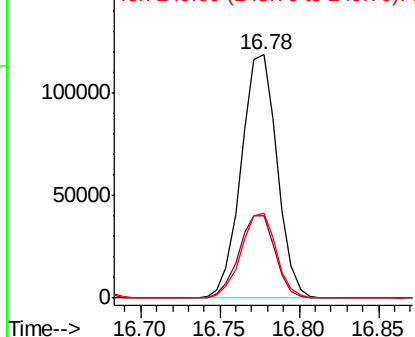


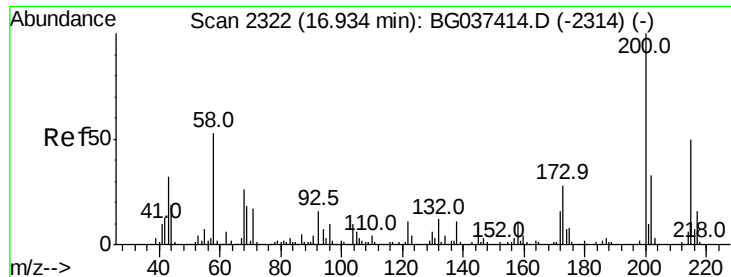
#68
 Hexachlorobenzene
 Concen: 39.628 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:284 Resp: 185563
 Ion Ratio Lower Upper
 284 100
 142 33.7 28.1 42.1
 249 37.1 29.8 44.8



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

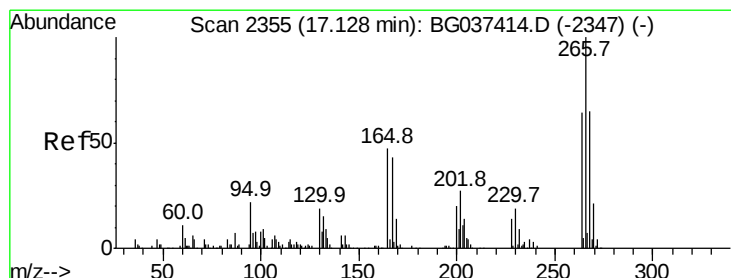
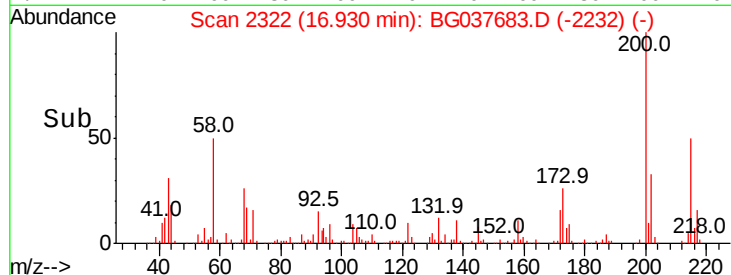
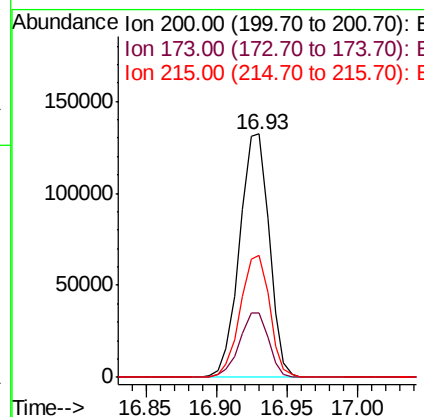
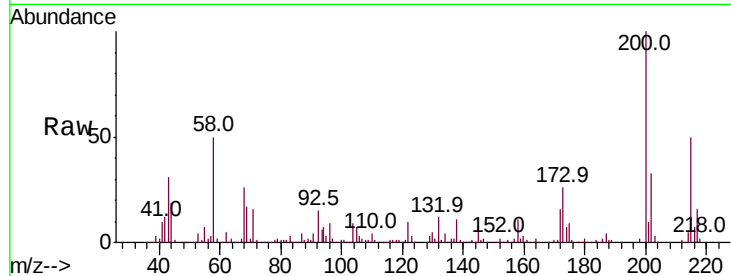




#69
Atrazine
Concen: 43.419 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

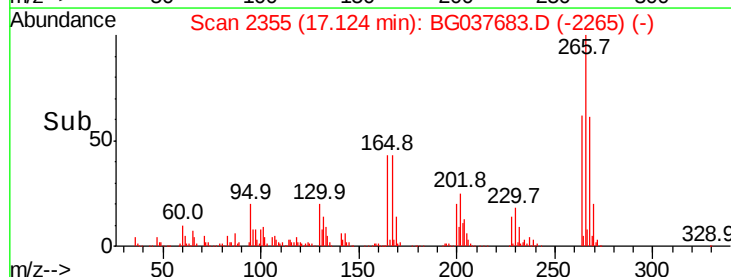
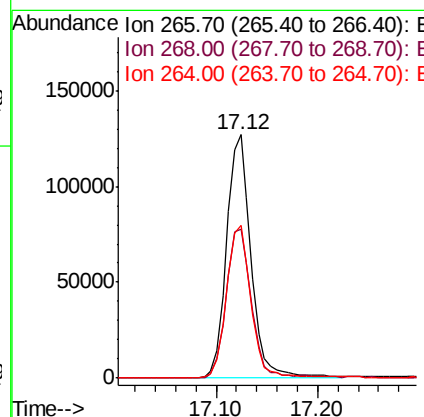
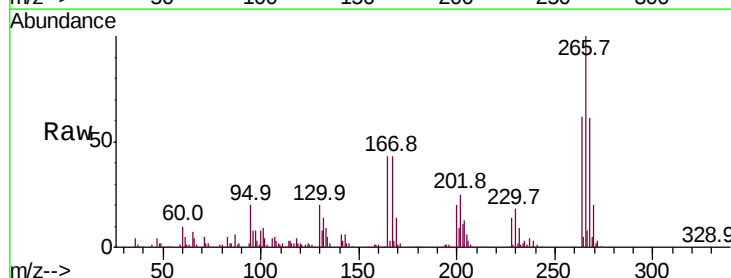
Instrument :
BNA_G
ClientSampleId :

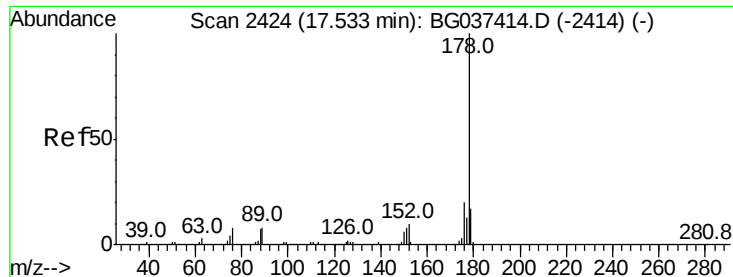
Tot Ion:200 Resp: 194278
Ion Ratio Lower Upper
200 100
173 26.4 6.1 46.1
215 50.2 30.8 70.8



#70
Pentachlorophenol
Concen: 67.858 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:266 Resp: 212841
Ion Ratio Lower Upper
266 100
268 66.2 55.0 82.6
264 67.7 58.9 88.3

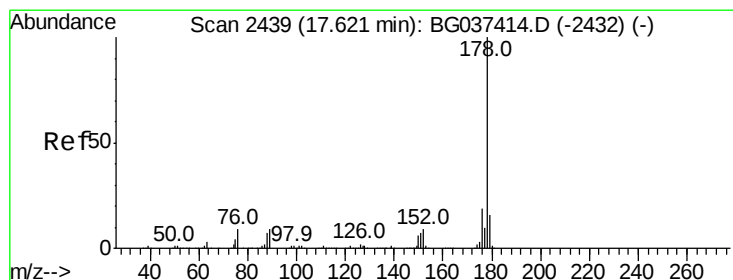
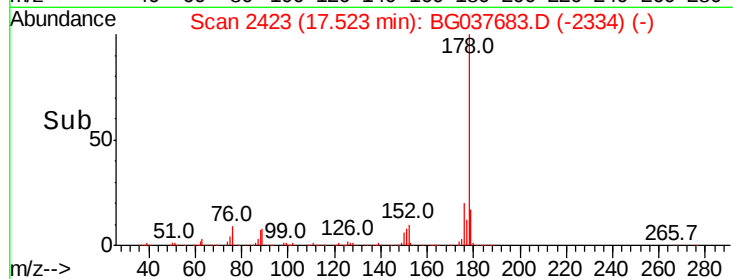
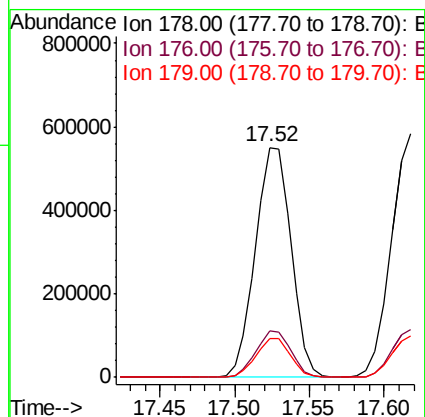
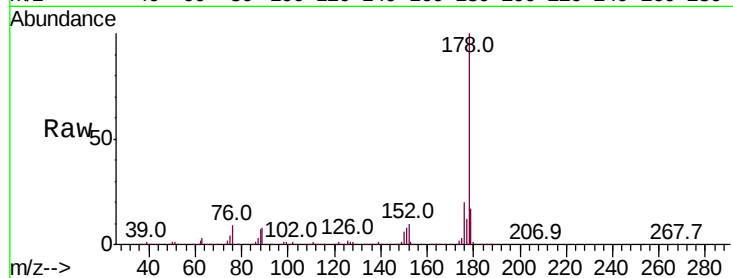




#71
Phenanthrene
Concen: 43.590 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

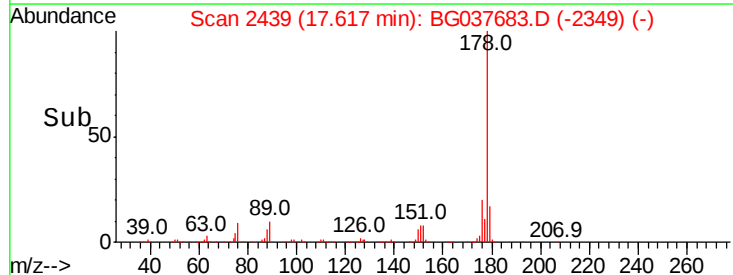
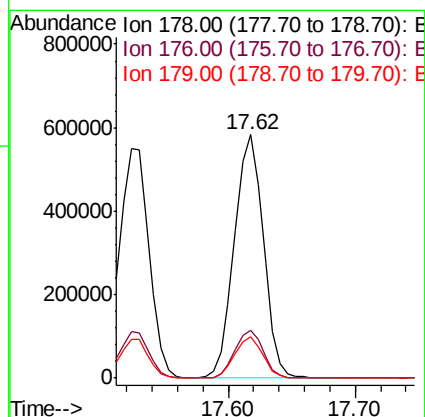
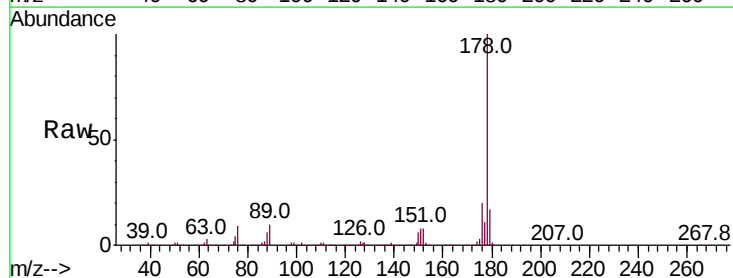
Instrument :
BNA_G
ClientSampleId :

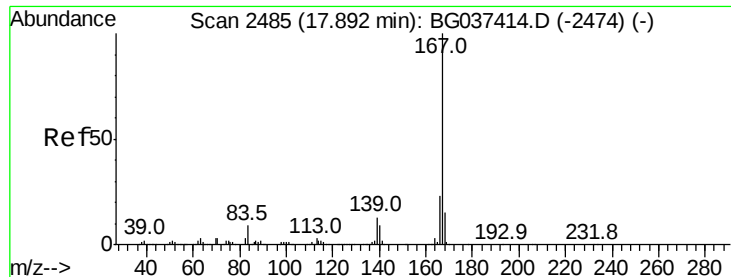
Tot Ion:178 Resp: 911474
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 17.1 13.0 19.4



#72
Anthracene
Concen: 44.877 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:178 Resp: 920880
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 17.1 12.8 19.2

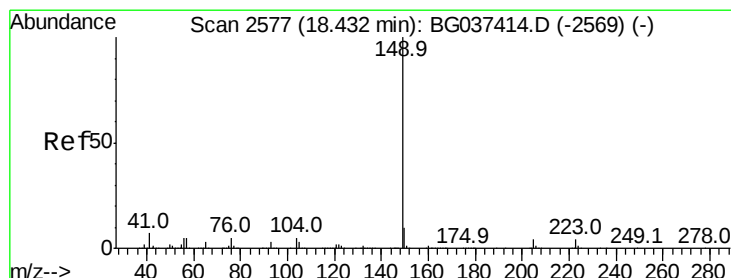
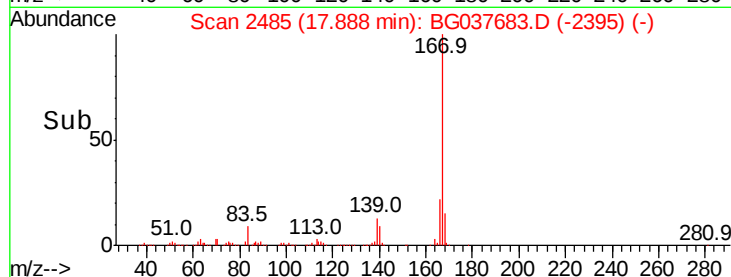
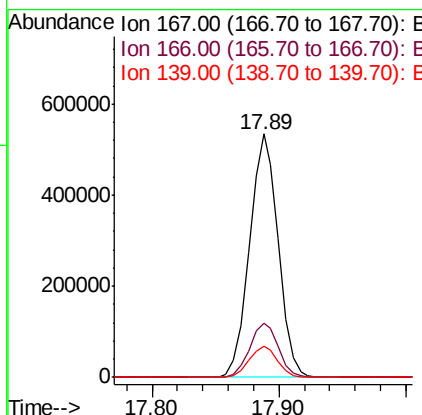
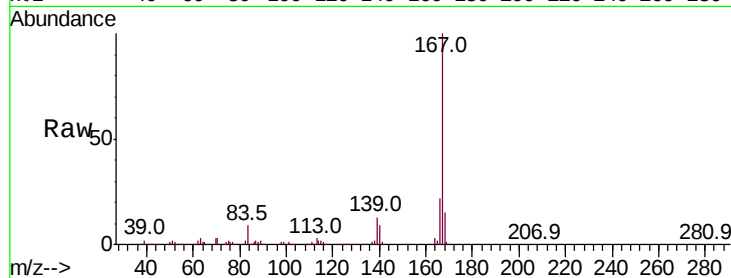




#73
 Carbazole
 Concen: 40.744 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

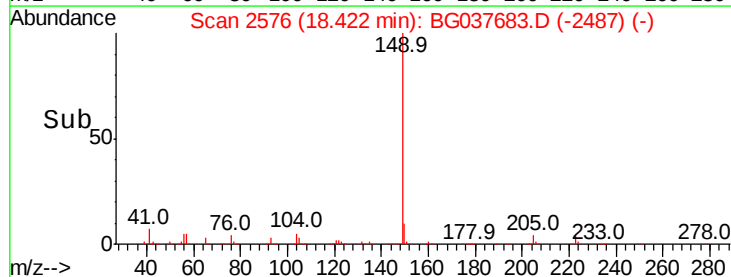
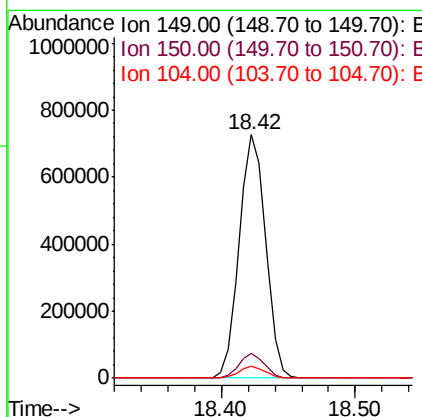
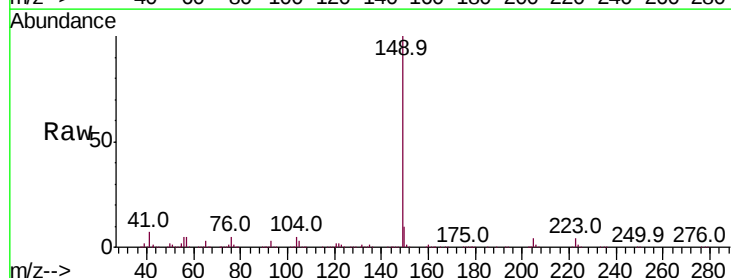
Instrument :
 BNA_G
 ClientSampleId :

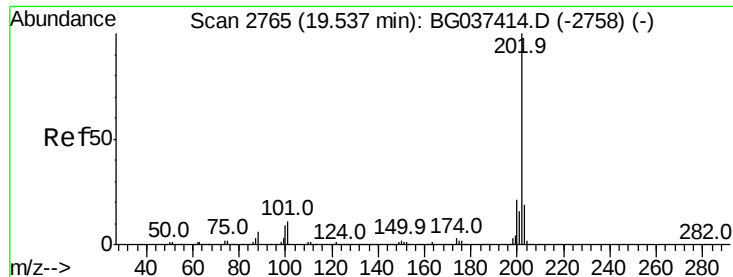
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 43.675 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 44.196 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

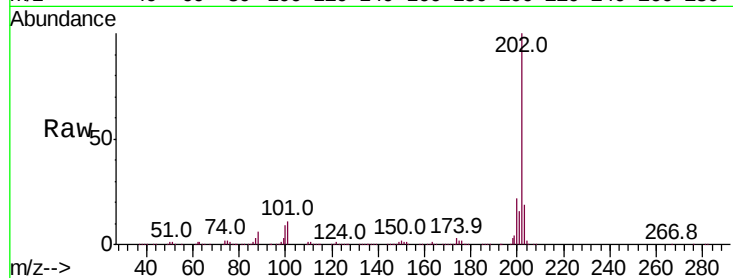
Tot Ion:202 Resp: 1048144

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

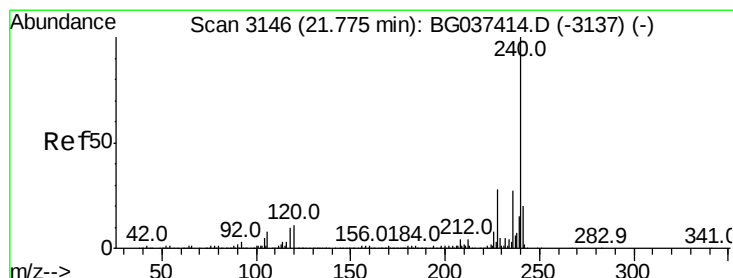
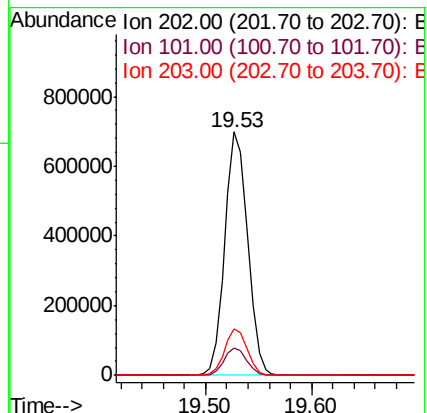
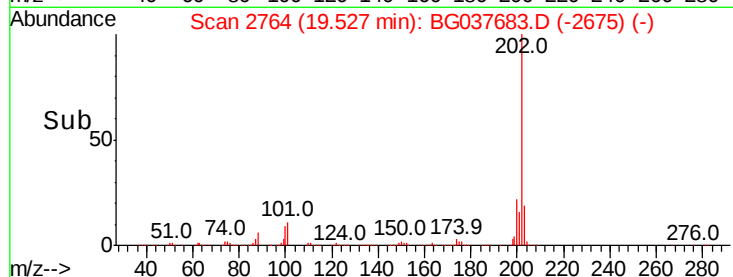
203 19.1 0.0 38.5



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: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

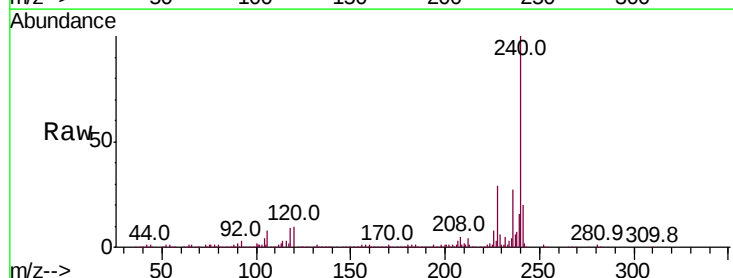
Tgt Ion:240 Resp: 365766

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

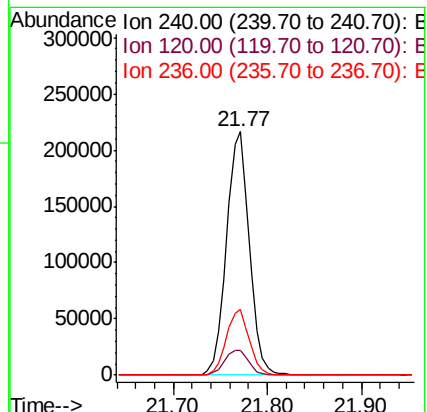
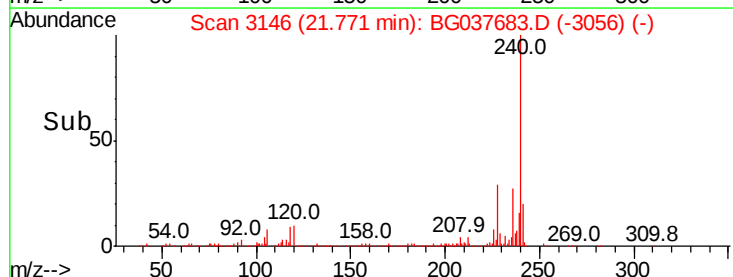
236 26.9 21.4 32.0



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: 40.120 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

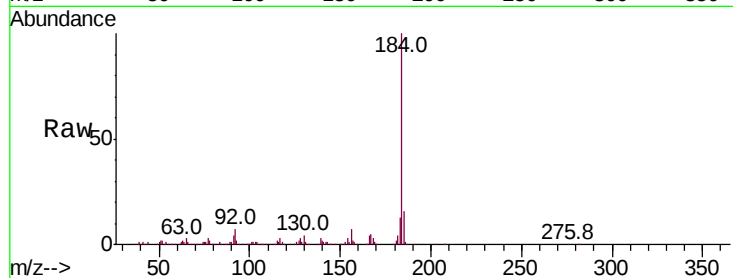
Tot Ion:184 Resp: 498971

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

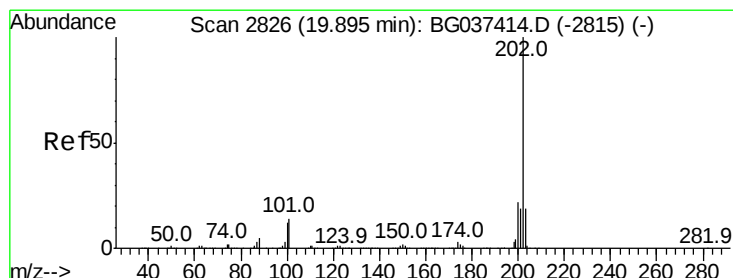
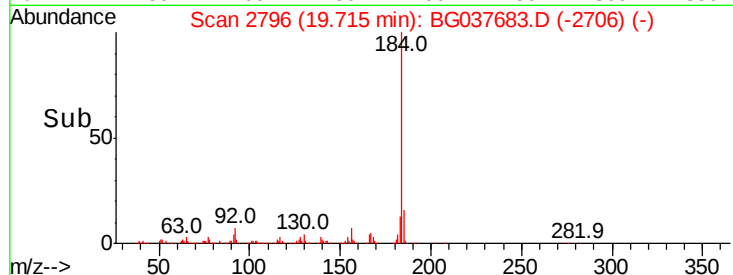
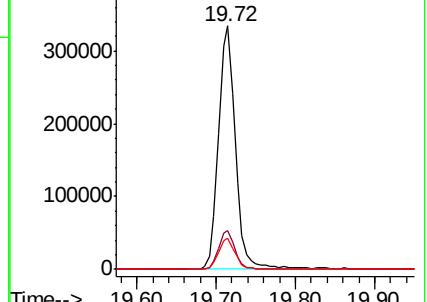
183 12.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.517 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

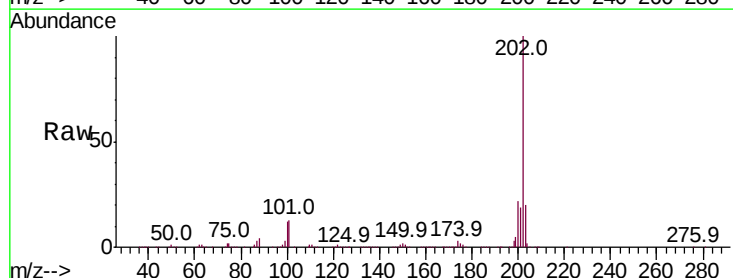
Tgt Ion:202 Resp: 1040514

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

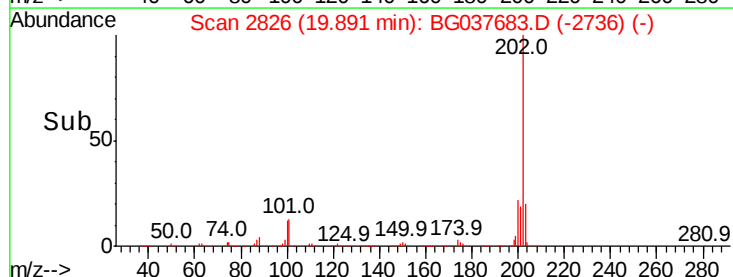
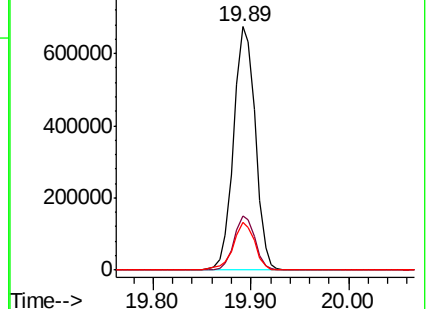
203 19.7 15.2 22.8

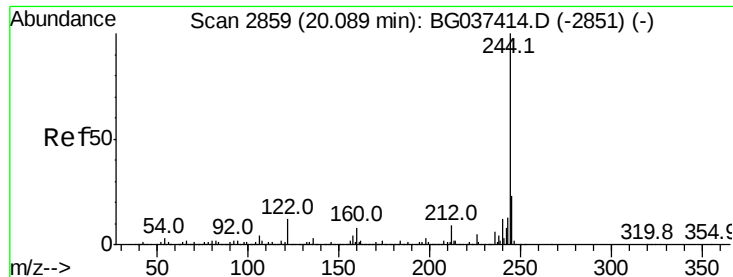


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.417 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampled :

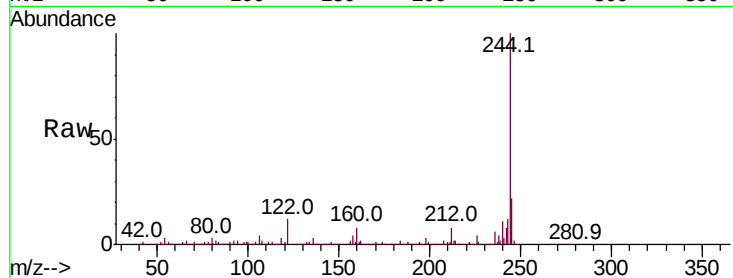
Tot Ion:244 Resp: 1325208

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

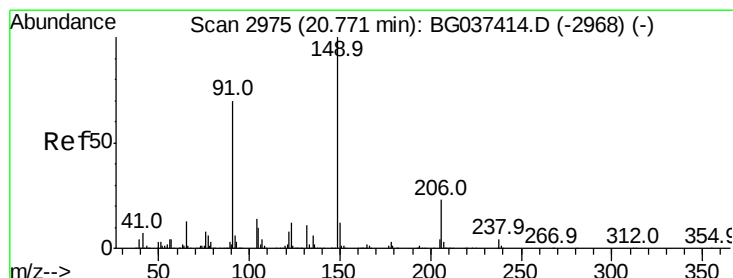
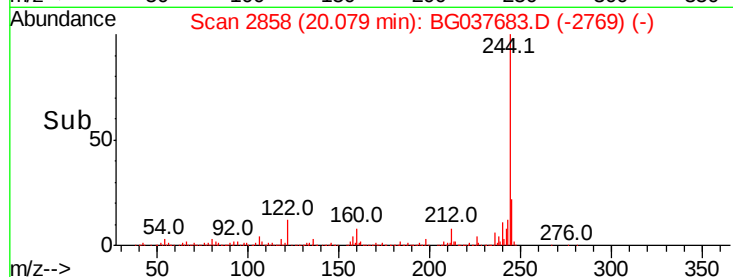
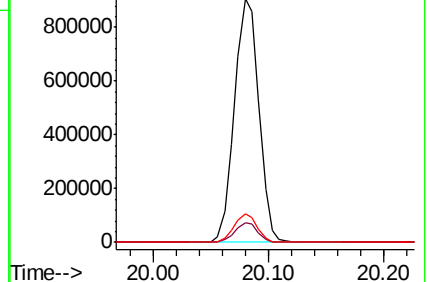
122 11.7 9.0 13.4



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: 45.598 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

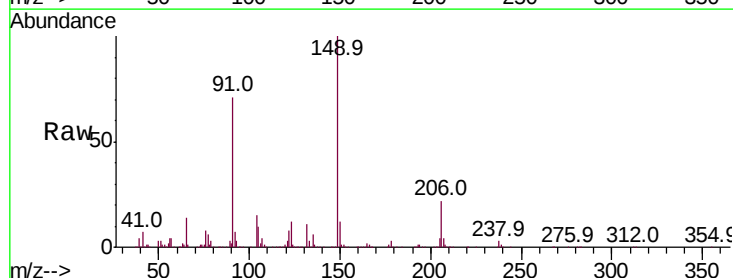
Tgt Ion:149 Resp: 446203

Ion Ratio Lower Upper

149 100

91 70.5 57.0 85.4

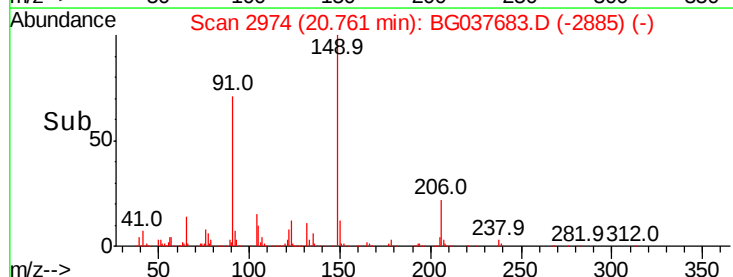
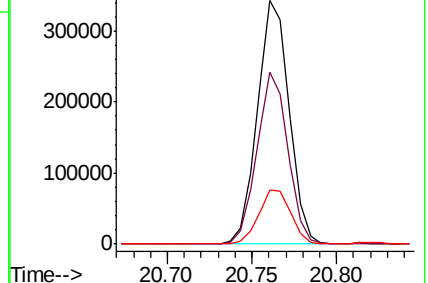
206 22.4 17.8 26.6

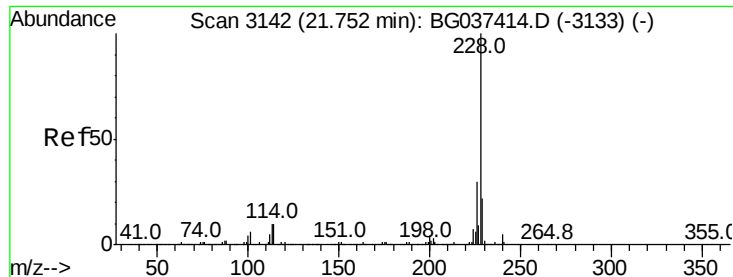


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.999 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

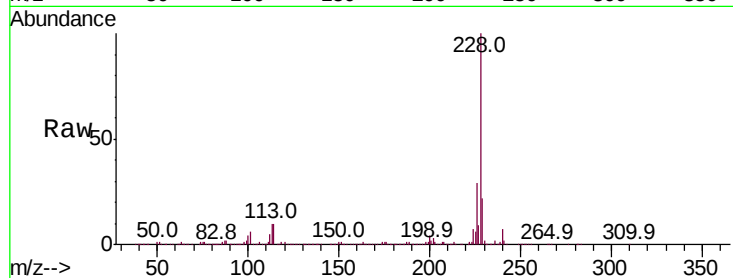
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 973547

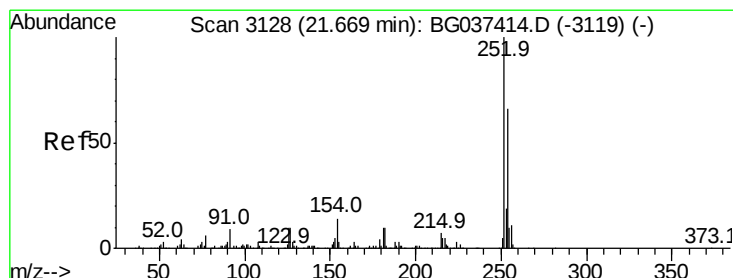
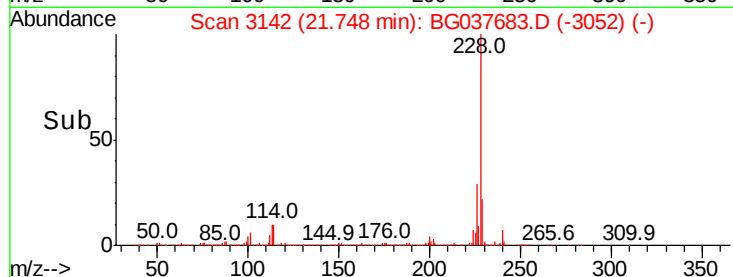
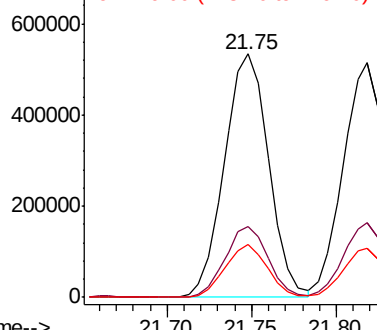
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.7	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.133 ng

RT: 21.66 min Scan# 3127

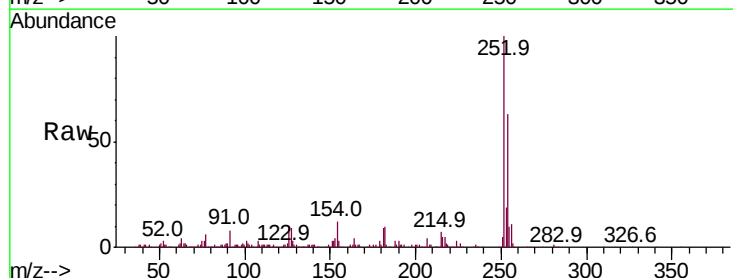
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:252 Resp: 277843

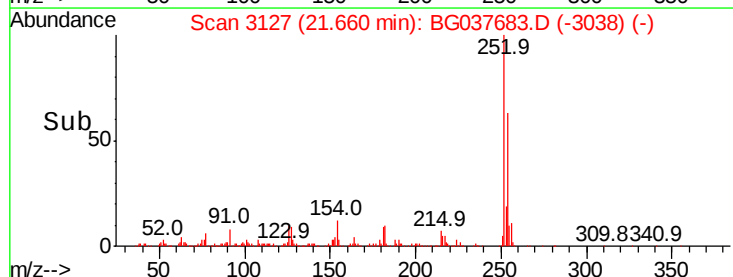
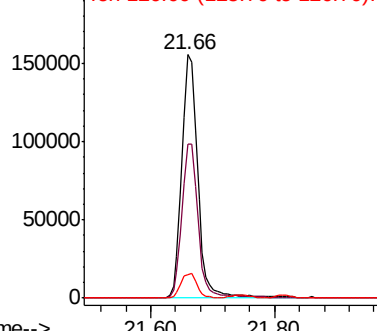
Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.0	78.0
126	9.8	8.2	12.4

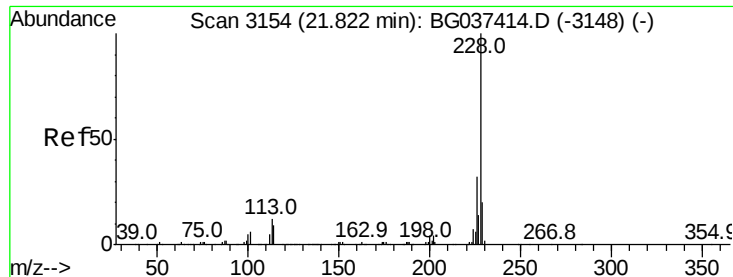


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

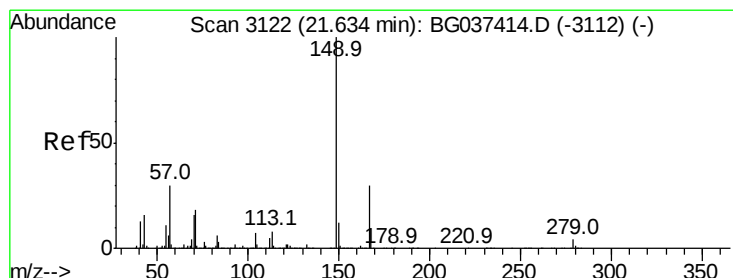
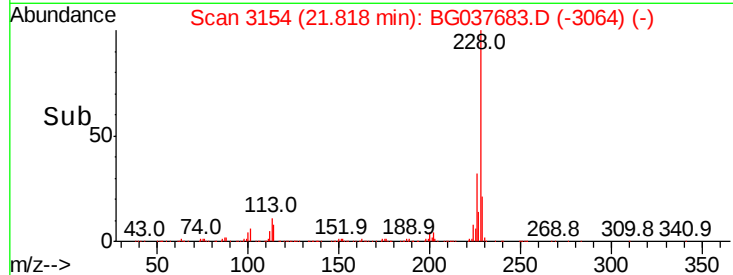
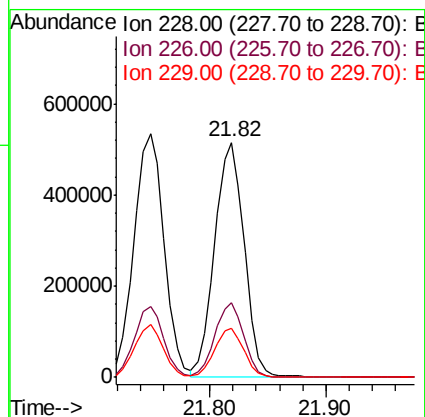
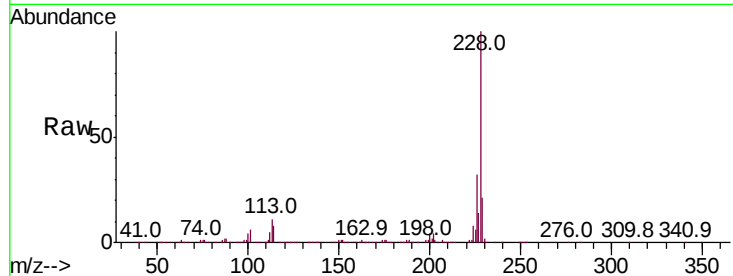




#83
 Chrvsene
 Concen: 43.830 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

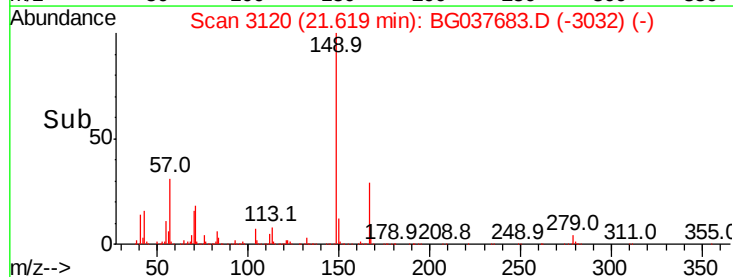
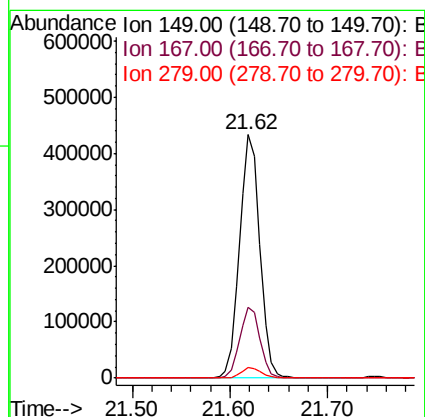
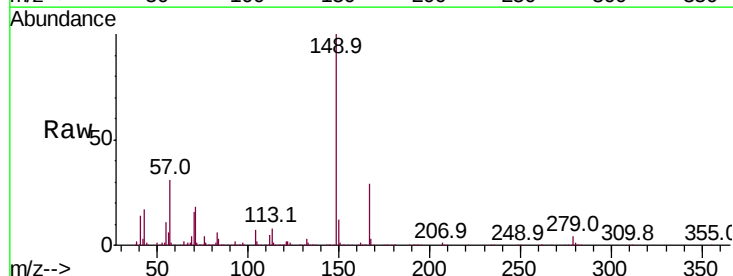
Instrument :
 BNA_G
 ClientSampleId :

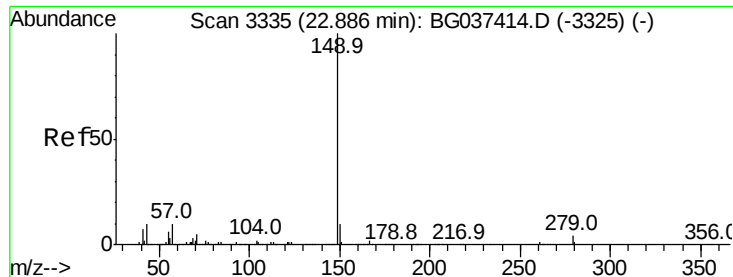
Tot Ion:228	Resp:	911807
Ion	Ratio	Lower Upper
228	100	
226	31.8	25.7 38.5
229	20.7	16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.421 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:149	Resp:	623020
Ion	Ratio	Lower Upper
149	100	
167	29.0	23.0 34.4
279	4.4	3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.655 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

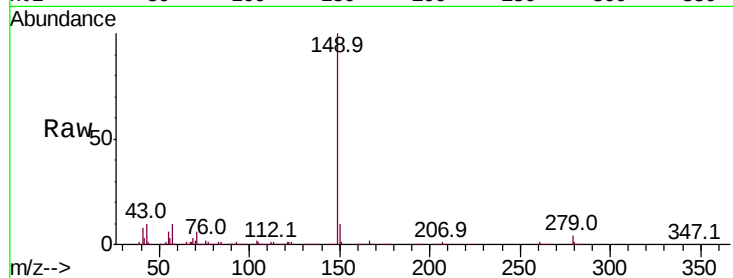
Tot Ion:149 Resp: 1043548

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

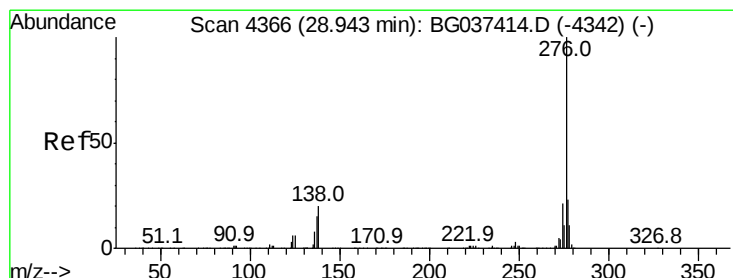
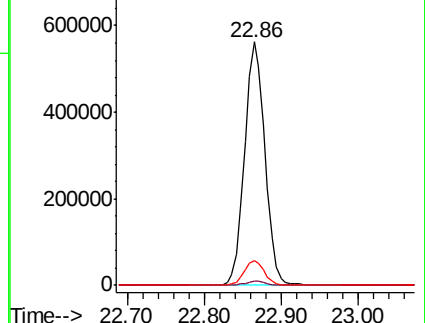
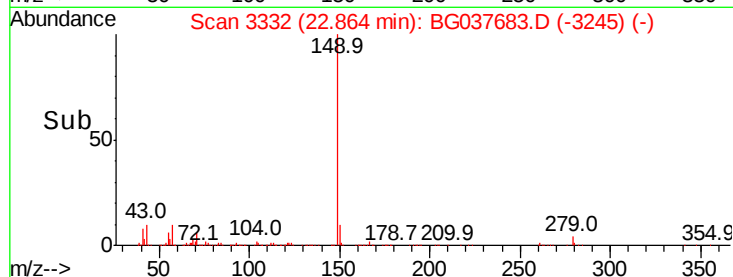
43 10.0 8.7 13.1



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: 40.718 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

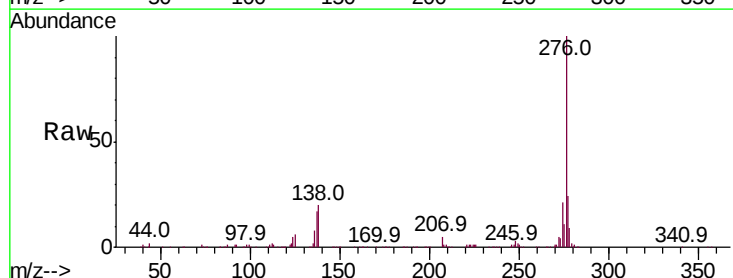
Tgt Ion:276 Resp: 908537

Ion Ratio Lower Upper

276 100

138 13.7 12.0 18.0

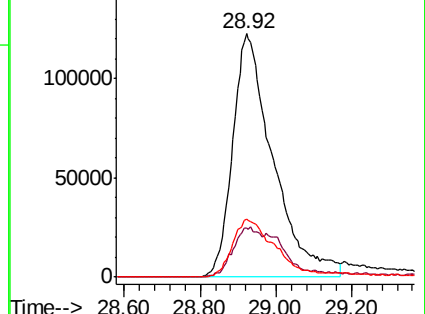
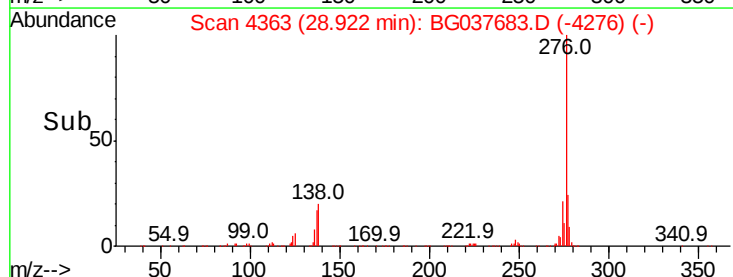
277 25.2 20.6 30.8

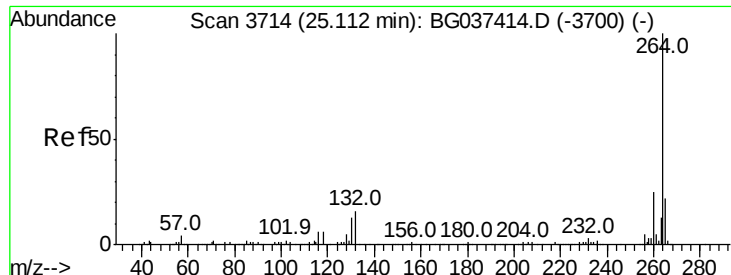


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



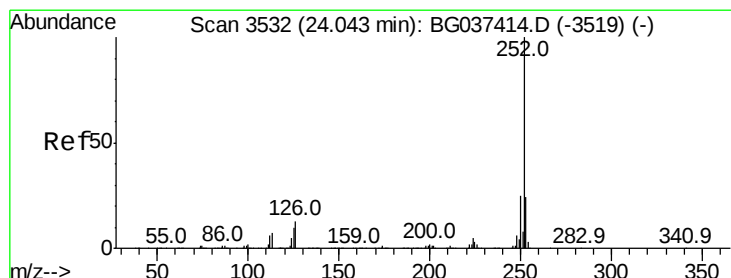
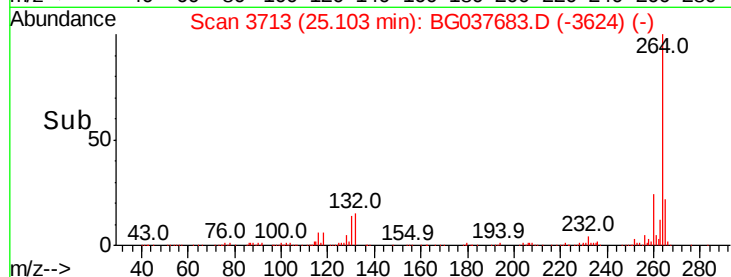
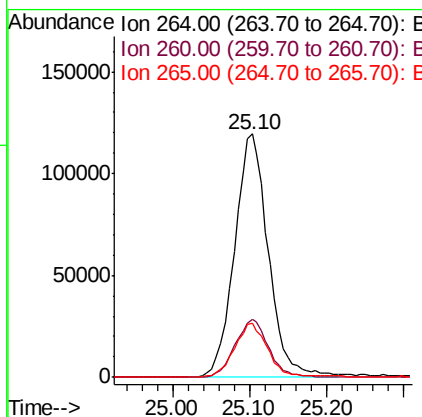
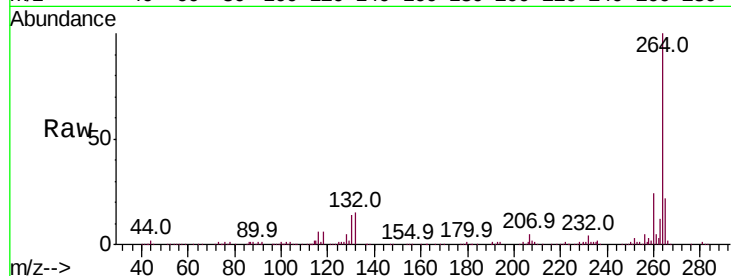


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 365589

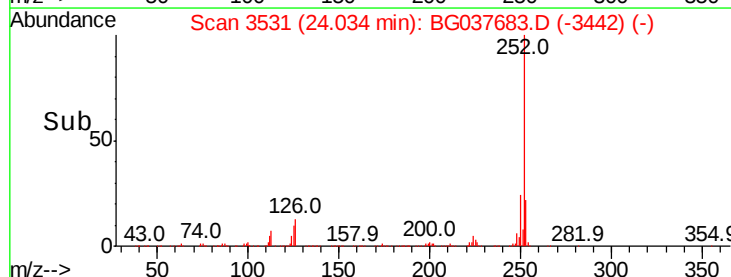
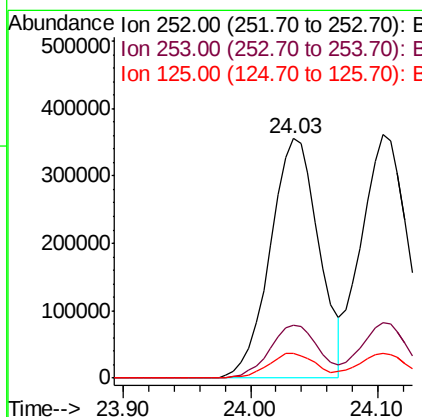
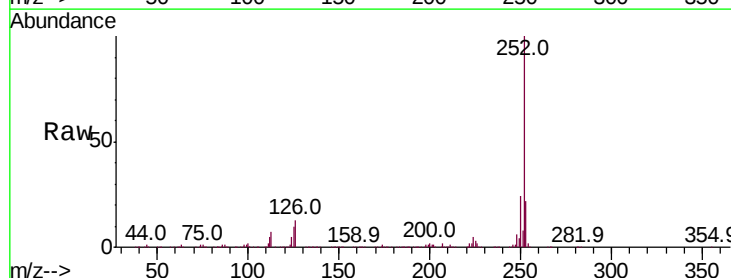
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.4	17.9	26.9

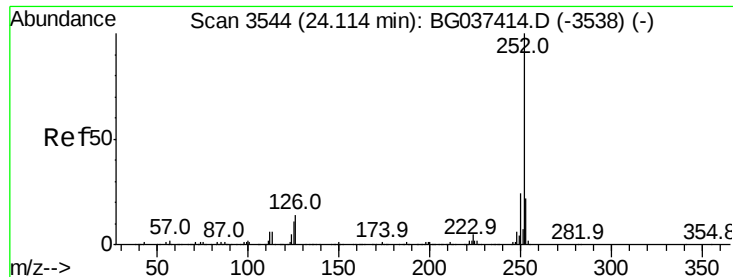


#88
Benzo(b)fluoranthene
Concen: 47.350 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:252 Resp: 949025

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.5	7.8	11.6

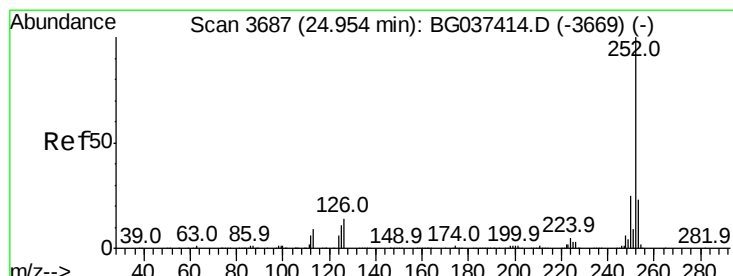
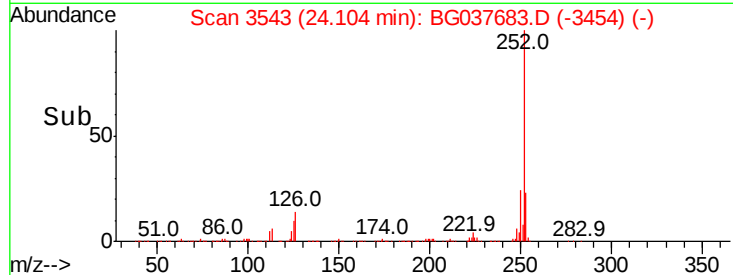
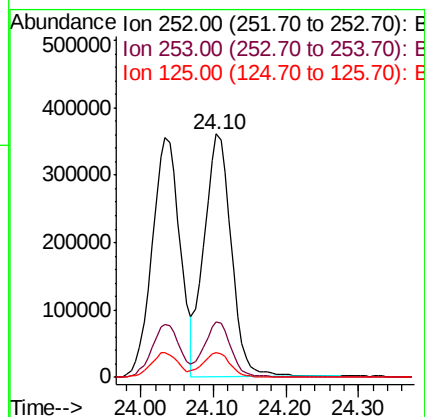
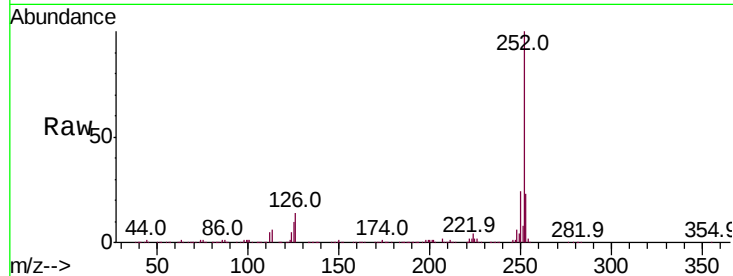




#89
Benzo(k)fluoranthene
Concen: 47.817 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

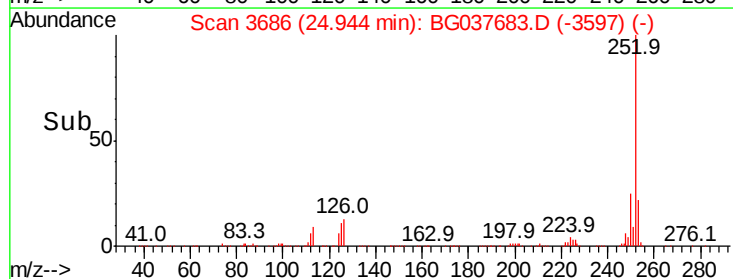
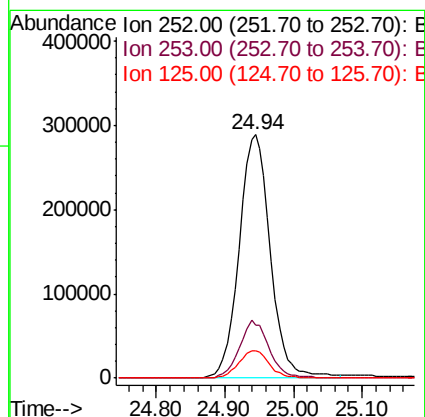
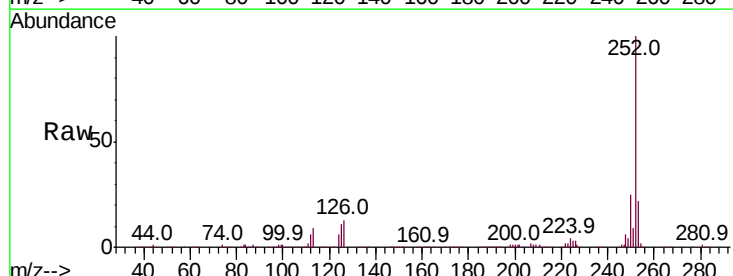
Instrument :
BNA_G
ClientSampleId :

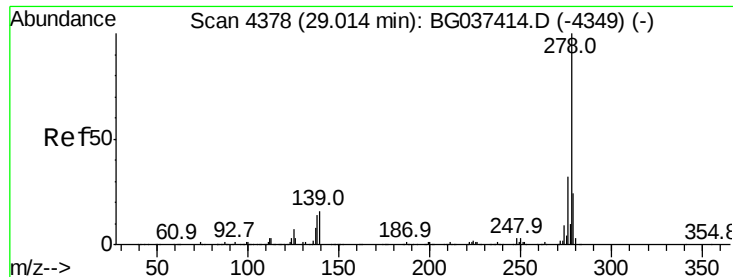
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.3	7.4	11.0



#90
Benzo(a)pyrene
Concen: 47.777 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.4	9.0	13.6

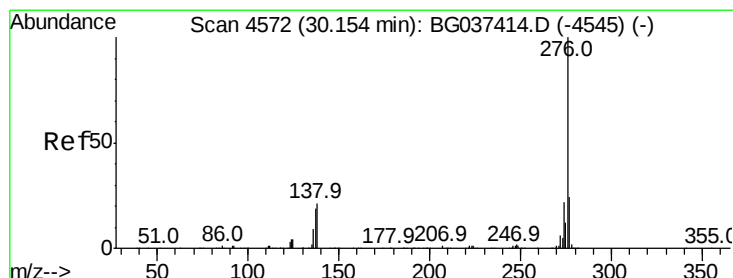
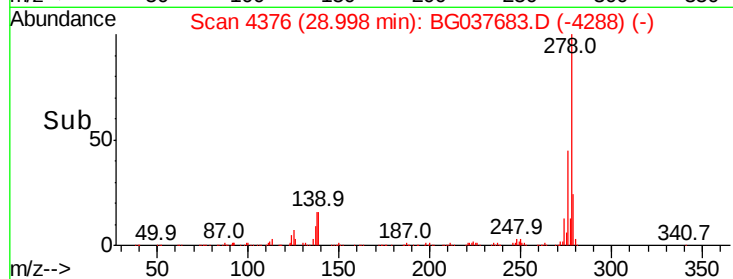
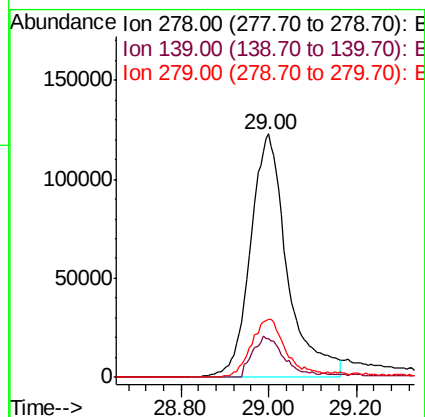
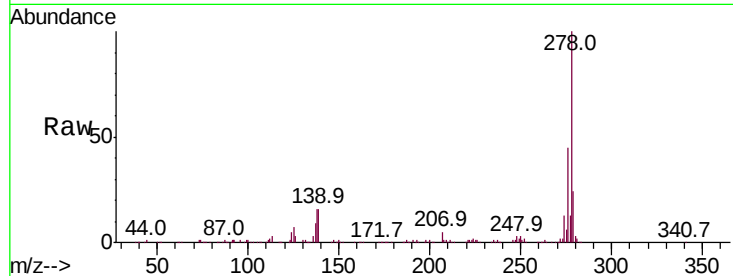




#91
Dibenzo(a,h)anthracene
Concen: 40.170 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.02 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.5	17.3
279	23.8	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 41.729 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.5	17.2	25.8

