

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037687.D
 Acq On : 31 Oct 2018 16:58
 Operator : JU/SJ
 Sample : J5737-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 18:04:03 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	60401	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	273563	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	177879	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	408986	20.00	ng	0.00
76) Chrysene-d12	21.77	240	356834	20.00	ng	0.00
87) Perylene-d12	25.10	264	373850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	546253	151.20	ng	0.00
7) Phenol-d6	7.25	99	796814	145.86	ng	0.00
23) Nitrobenzene-d5	9.28	82	467433	95.72	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	277603	143.09	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1068247	90.56	ng	0.00
79) Terphenyl-d14	20.08	244	1470092	88.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	52435	28.619	ng	99
3) Pyridine	3.93	79	157003	33.999	ng	94
4) n-Nitrosodimethylamine	3.85	42	76752	46.663	ng	# 91
6) Aniline	7.43	93	235769	35.377	ng	97
8) 2-Chlorophenol	7.66	128	202555	47.925	ng	97
9) Benzaldehyde	7.24	77	153864	45.024	ng	94
10) Phenol	7.28	94	327257	56.775	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	185478	42.368	ng	98
12) 1,3-Dichlorobenzene	7.99	146	196830	41.832	ng	97
13) 1,4-Dichlorobenzene	8.13	146	198866	41.319	ng	100
14) 1,2-Dichlorobenzene	8.45	146	191565	41.377	ng	100
15) Benzyl Alcohol	8.34	79	191430	47.423	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	343625	43.868	ng	98
17) 2-Methylphenol	8.53	107	188998	49.596	ng	99
18) Hexachloroethane	9.18	117	70628	43.044	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	164016	43.599	ng	94
20) 3+4-Methylphenols	8.86	107	266479	48.910	ng	98
22) Acetophenone	8.93	105	302638	44.111	ng	# 96
24) Nitrobenzene	9.32	77	234376	46.200	ng	92
25) Isophorone	9.84	82	467416	52.385	ng	97
26) 2-Nitrophenol	10.03	139	120048	52.528	ng	99
27) 2,4-Dimethylphenol	10.07	122	225665	55.303	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	282844	48.382	ng	98
29) 2,4-Dichlorophenol	10.56	162	227082	49.982	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	214315	43.377	ng	98
31) Naphthalene	10.97	128	639258	47.575	ng	100
32) Benzoic acid	10.19	122	89294	33.691	ng	96
33) 4-Chloroaniline	11.08	127	138288	21.904	ng	94
34) Hexachlorobutadiene	11.24	225	124043	42.361	ng	98
35) Caprolactam	11.88	113	51966	28.519	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	251568	49.098	ng	100
37) 2-Methylnaphthalene	12.57	142	489715	49.997	ng	100
38) 1-Methylnaphthalene	12.79	142	467787	49.178	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	250125	43.594	ng	99

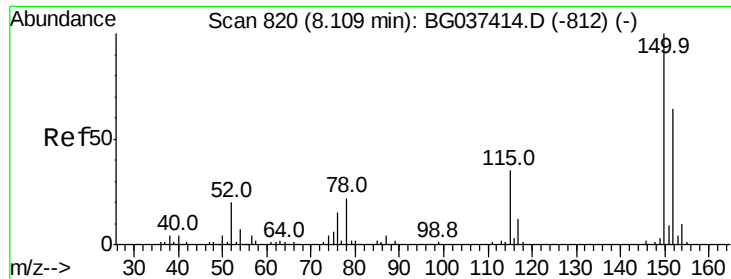
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	275465	100.510	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	192409	50.196	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	209857	50.284	nq	97
46) 1,1'-Biphenyl	13.57	154	635775	43.158	nq	100
47) 2-Chloronaphthalene	13.62	162	500217	44.883	nq	99
48) 2-Nitroaniline	13.83	65	169615	50.186	nq	94
49) Acenaphthylene	14.46	152	825802	49.257	nq	98
50) Dimethylphthalate	14.19	163	772627	56.146	nq	99
51) 2,6-Dinitrotoluene	14.32	165	148320	48.722	nq	97
52) Acenaphthene	14.80	154	485910	47.061	nq	98
53) 3-Nitroaniline	14.65	138	117797	34.856	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	111947	81.703	nq	98
55) Dibenzofuran	15.13	168	770746	45.055	nq	99
56) 4-Nitrophenol	14.94	139	332622	132.969	nq	97
57) 2,4-Dinitrotoluene	15.10	165	206785	51.747	nq	96
58) Fluorene	15.78	166	620718	48.454	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178637	49.992	nq	99
60) Diethylphthalate	15.54	149	658756	46.628	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	332010	44.465	nq	98
62) 4-Nitroaniline	15.81	138	158225	47.117	nq	94
63) Azobenzene	16.06	77	620498	46.032	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	105412	48.918	nq	96
66) n-Nitrosodiphenylamine	15.98	169	567983	46.169	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	208513	46.426	nq	98
68) Hexachlorobenzene	16.78	284	207347	44.544	nq	97
69) Atrazine	16.93	200	206265	46.373	nq	99
70) Pentachlorophenol	17.12	266	249854	80.133	nq	96
71) Phenanthrene	17.52	178	992024	47.726	nq	99
72) Anthracene	17.62	178	1011449	49.584	nq	98
73) Carbazole	17.89	167	912748	44.733	nq	99
74) Di-n-butylphthalate	18.42	149	1092132	48.115	nq	100
75) Fluoranthene	19.53	202	1125289	47.732	nq	96
77) Benzidine	19.71	184	477732	39.374	nq	99
78) Pyrene	19.89	202	1111328	47.642	nq	99
80) Butylbenzylphthalate	20.76	149	490336	51.362	nq	100
81) Benzo(a)anthracene	21.75	228	1043323	49.432	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	261161	31.923	nq	99
83) Chrysene	21.82	228	967941	47.693	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	688929	51.483	nq	98
85) Di-n-octyl phthalate	22.86	149	1155859	52.970	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1066323	48.986	nq	# 94
88) Benzo(b)fluoranthene	24.03	252	1015099	49.527	nq	99
89) Benzo(k)fluoranthene	24.11	252	996904	49.646	nq	97
90) Benzo(a)pyrene	24.94	252	985435	50.598	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	856866	47.697	nq	98
92) Benzo(g,h,i)perylene	30.14	276	860047	47.320	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

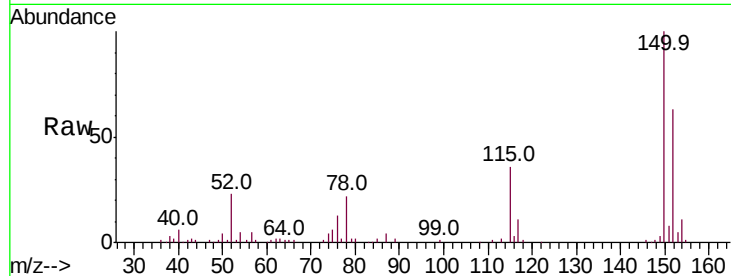
Tot Ion:152 Resp: 60401

Ion Ratio Lower Upper

152 100

150 158.0 126.0 189.0

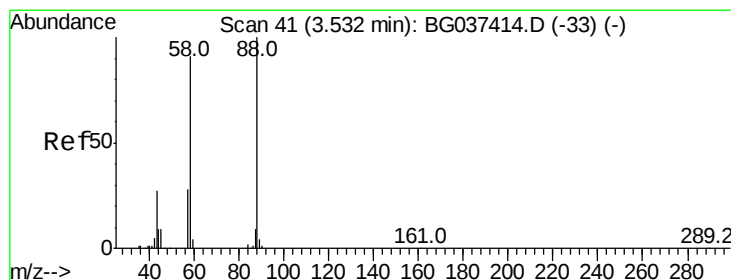
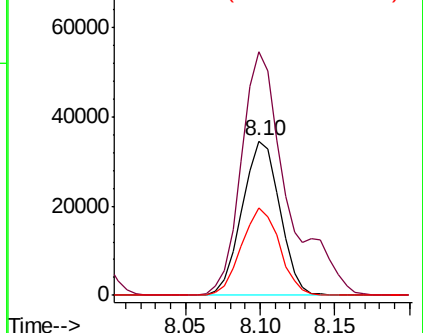
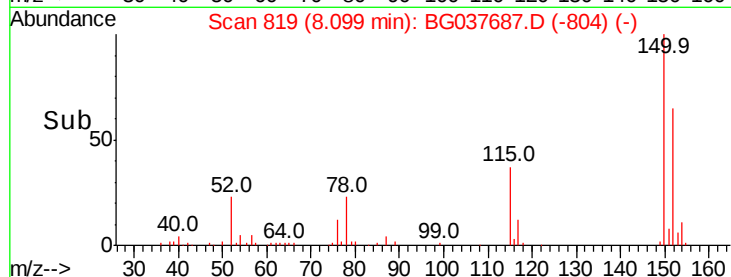
115 56.6 45.5 68.3



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: 28.619 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

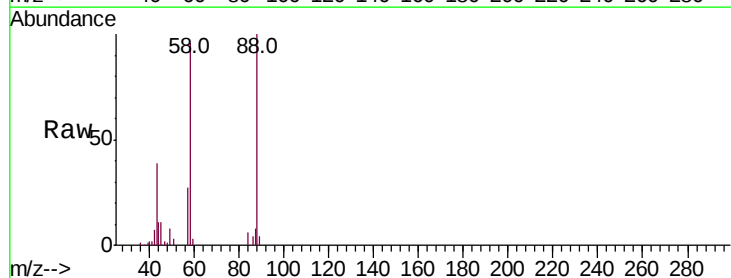
Tgt Ion: 88 Resp: 52435

Ion Ratio Lower Upper

88 100

58 93.9 74.4 111.6

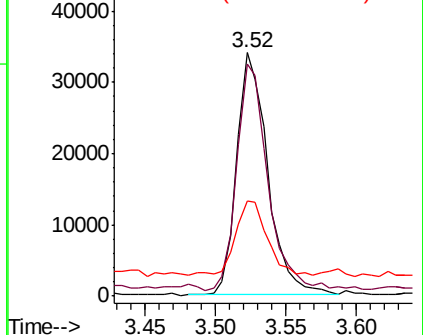
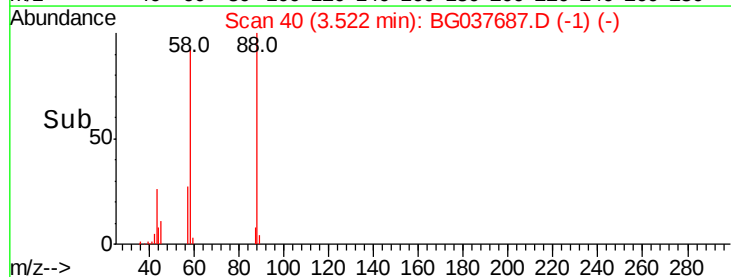
43 33.6 25.8 38.8

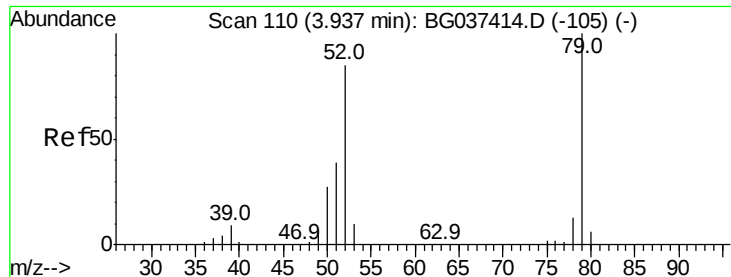


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.999 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

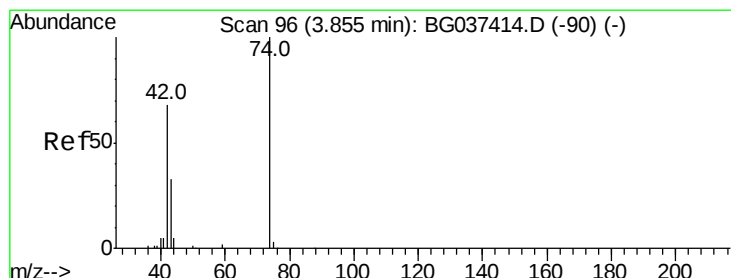
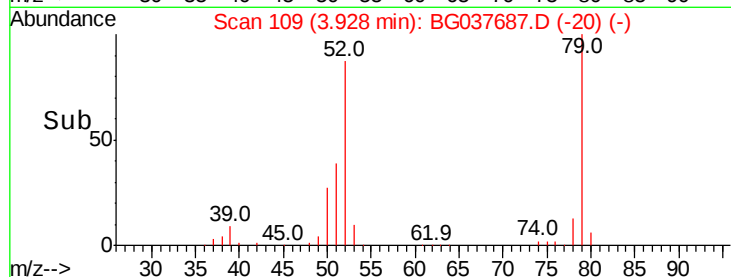
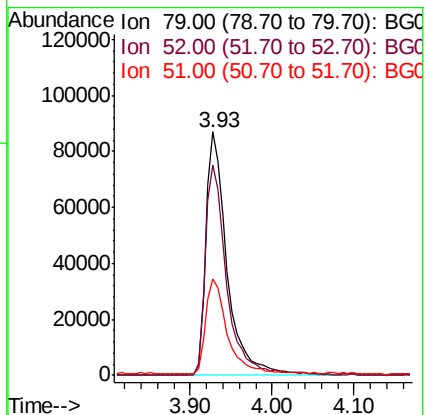
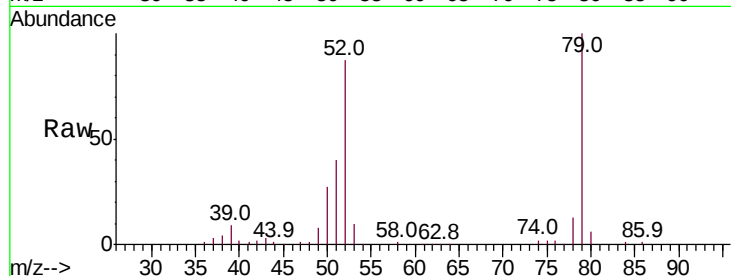
Tot Ion: 79 Resp: 157003

Ion Ratio Lower Upper

79 100

52 86.6 74.2 111.2

51 39.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 46.663 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

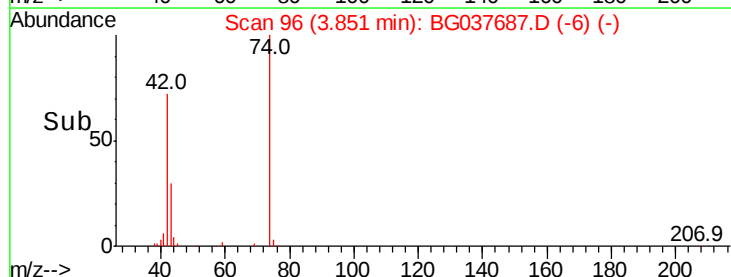
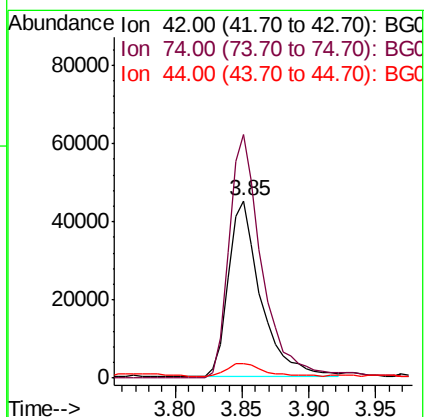
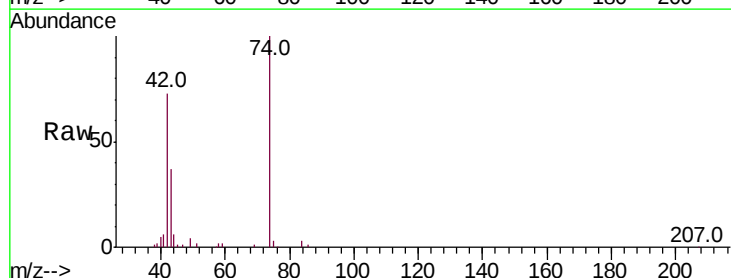
Tgt Ion: 42 Resp: 76752

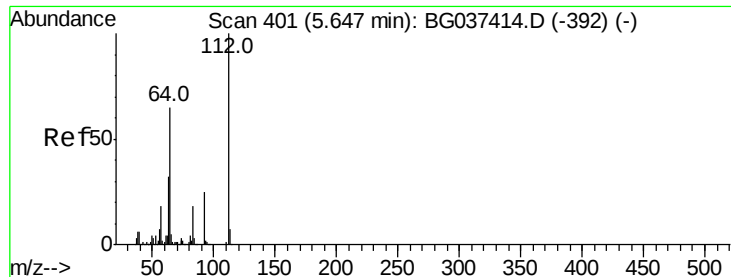
Ion Ratio Lower Upper

42 100

74 137.3 102.0 153.0

44 7.9 9.6 14.4#





#5

2-Fluorophenol

Concen: 151.199 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

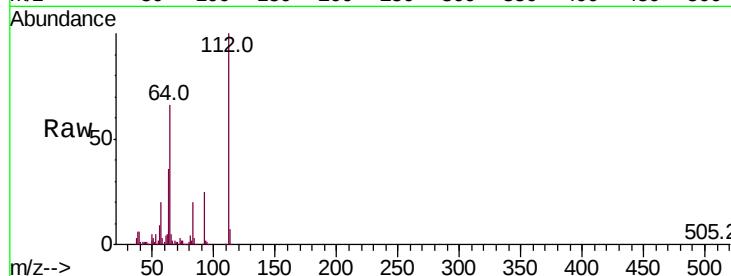
Tot Ion:112 Resp: 546253

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

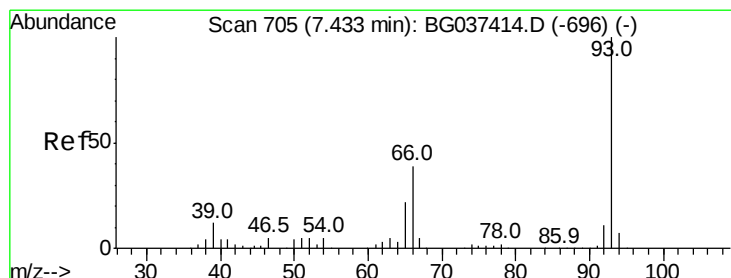
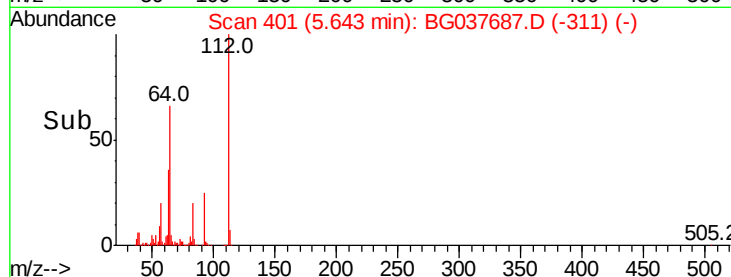
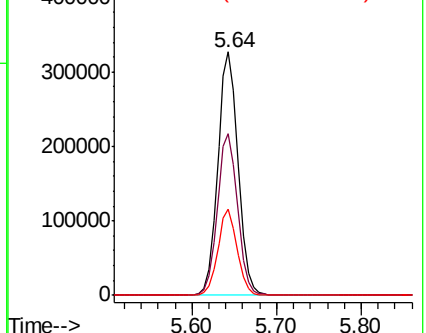
63 35.6 27.3 40.9



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: 35.377 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

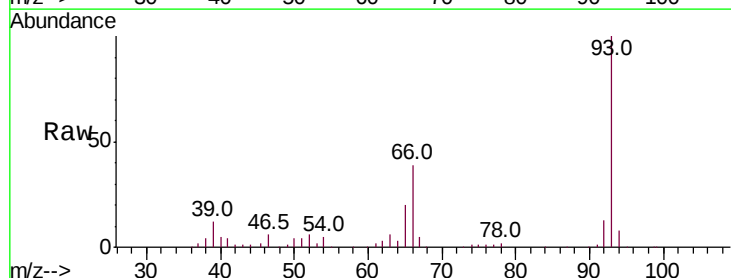
Tgt Ion: 93 Resp: 235769

Ion Ratio Lower Upper

93 100

66 38.5 32.8 49.2

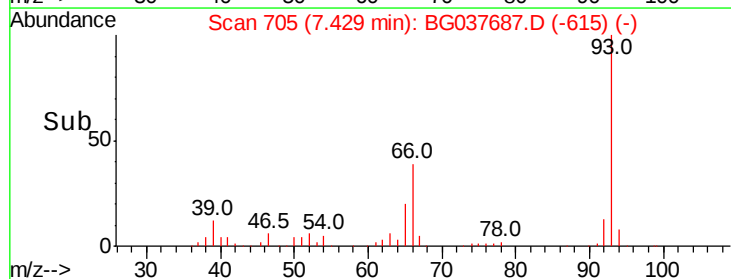
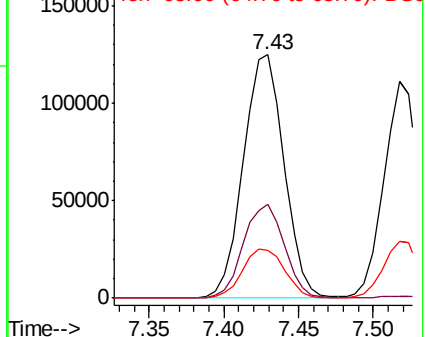
65 19.8 16.4 24.6

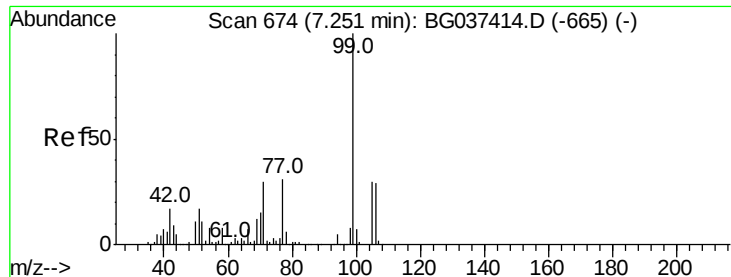


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.856 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

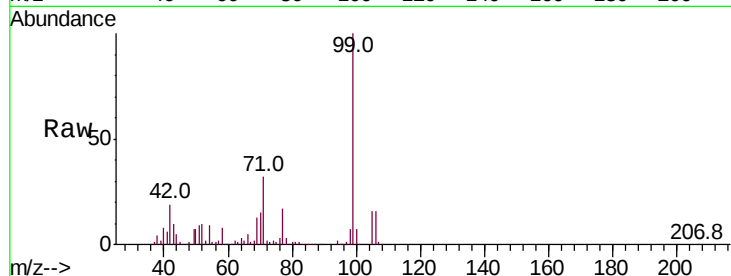
Tot Ion: 99 Resp: 796814

Ion Ratio Lower Upper

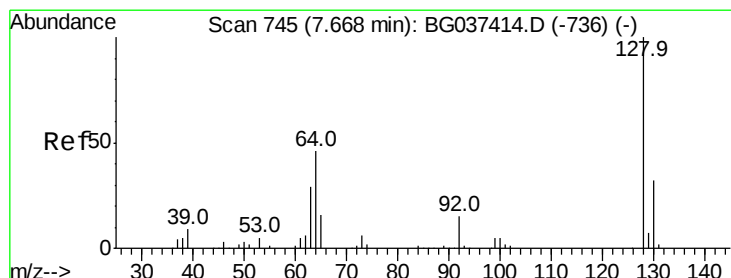
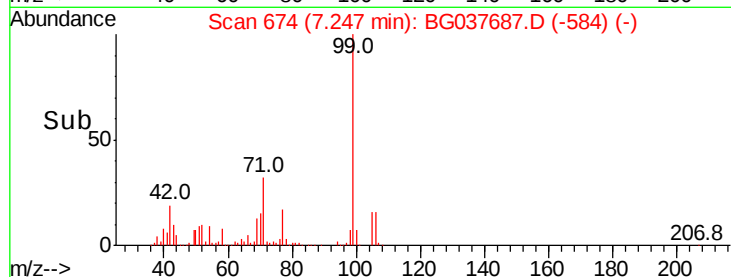
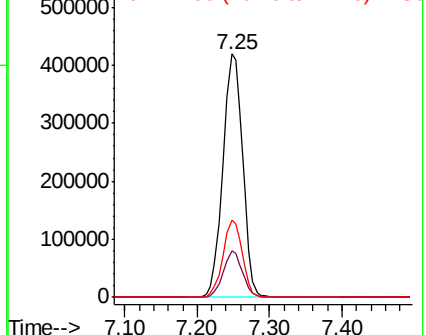
99 100

42 18.9 15.0 22.4

71 31.9 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: 47.925 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

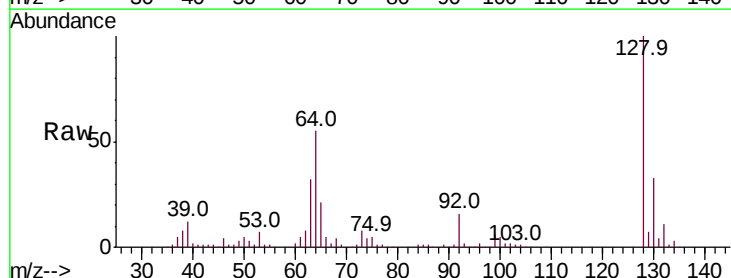
Tgt Ion: 128 Resp: 202555

Ion Ratio Lower Upper

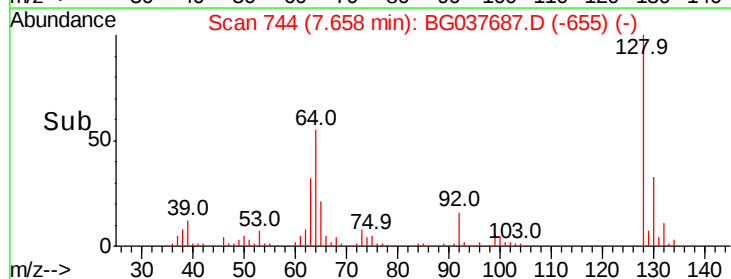
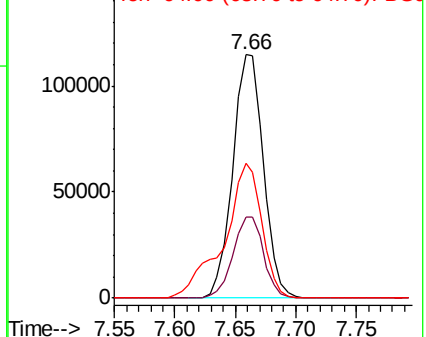
128 100

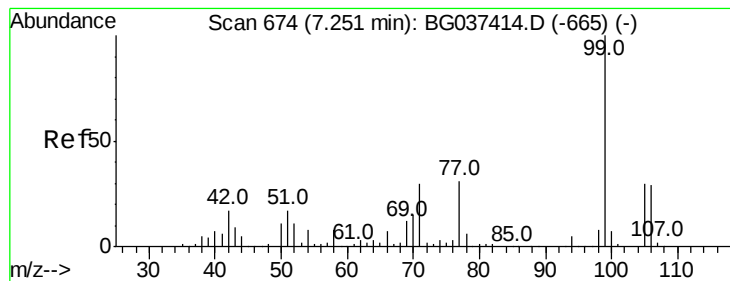
130 33.0 12.0 52.0

64 55.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 45.024 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

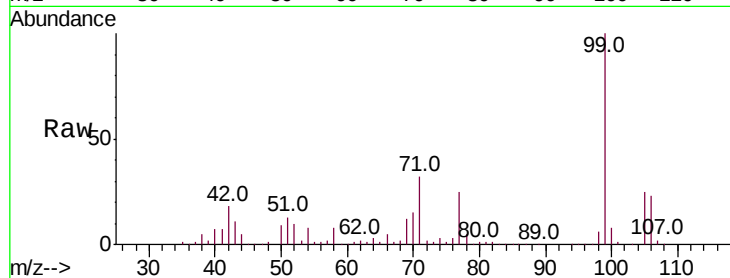
Tot Ion: 77 Resp: 153864

Ion Ratio Lower Upper

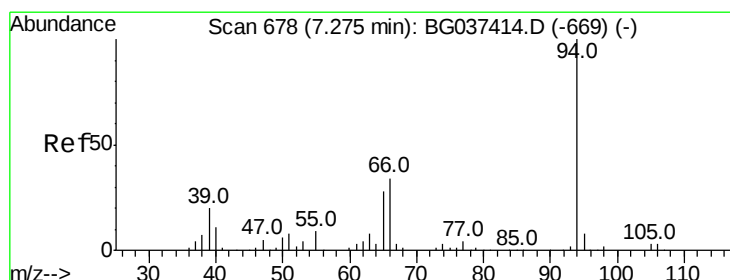
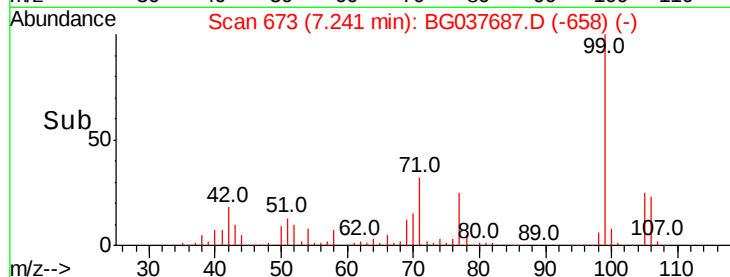
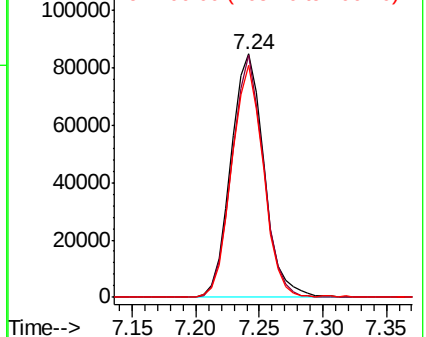
77 100

105 99.7 72.6 112.6

106 95.1 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: 56.775 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

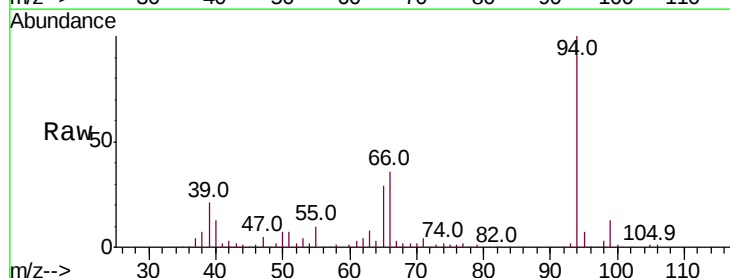
Tgt Ion: 94 Resp: 327257

Ion Ratio Lower Upper

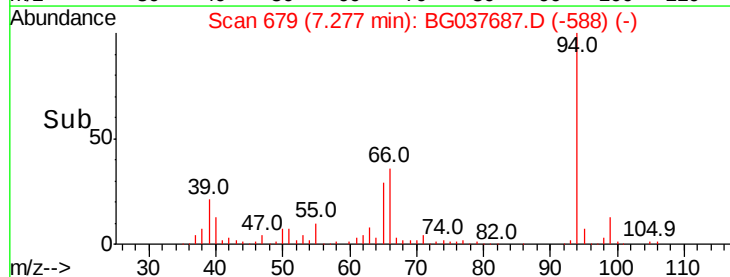
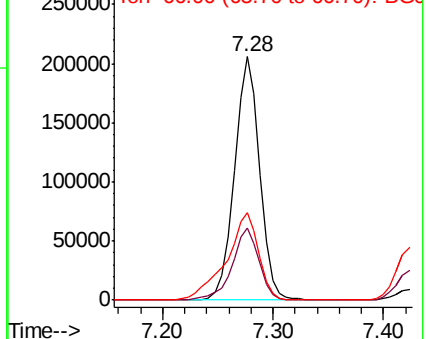
94 100

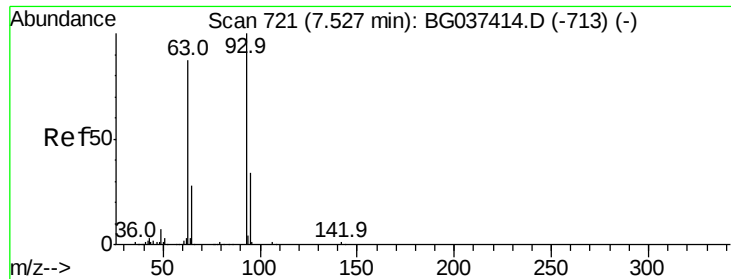
65 29.4 9.7 49.7

66 36.2 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

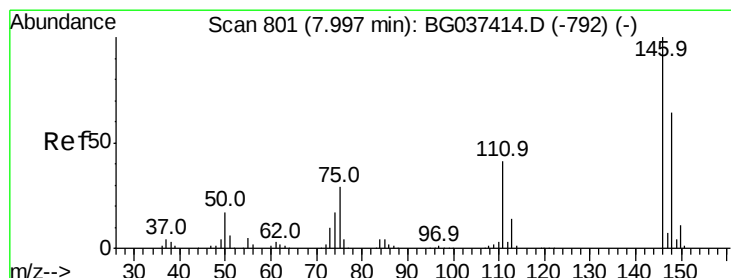
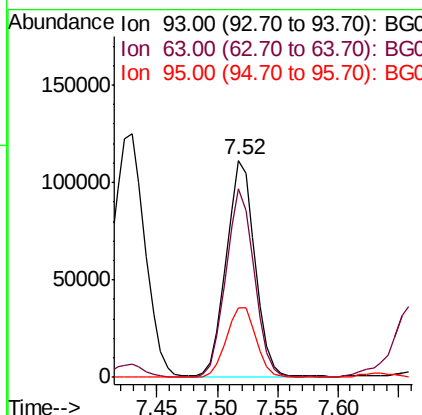
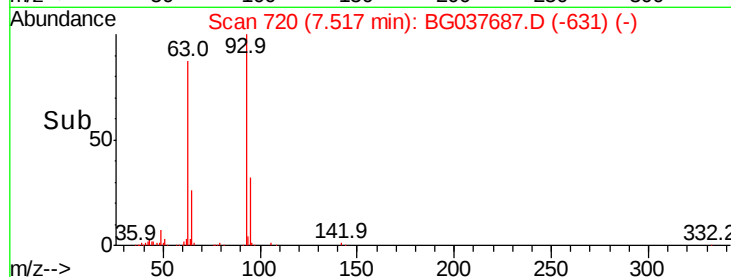
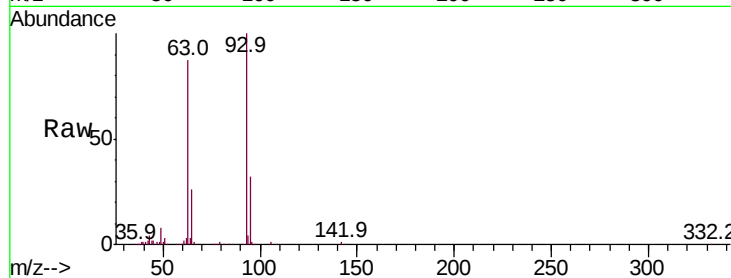




#11
bis(2-Chloroethyl)ether
Concen: 42.368 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

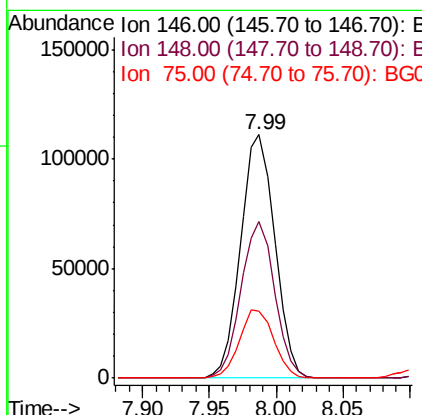
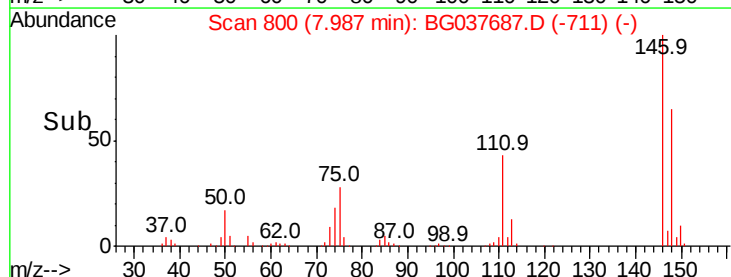
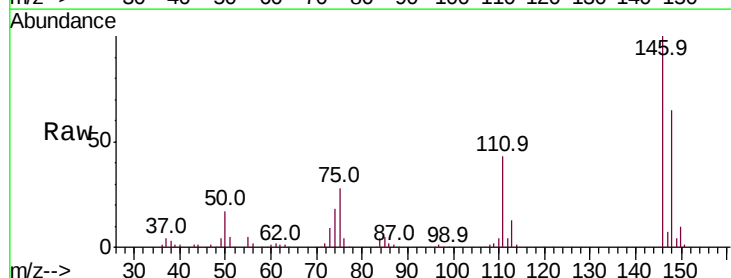
Instrument :
BNA_G
ClientSampleId :

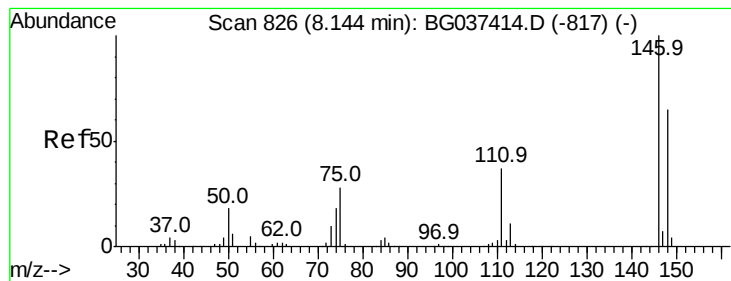
Tot Ion: 93 Resp: 185478
Ion Ratio Lower Upper
93 100
63 87.0 69.5 109.5
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.832 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion: 146 Resp: 196830
Ion Ratio Lower Upper
146 100
148 64.5 49.8 74.8
75 27.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.319 ng

RT: 8.13 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

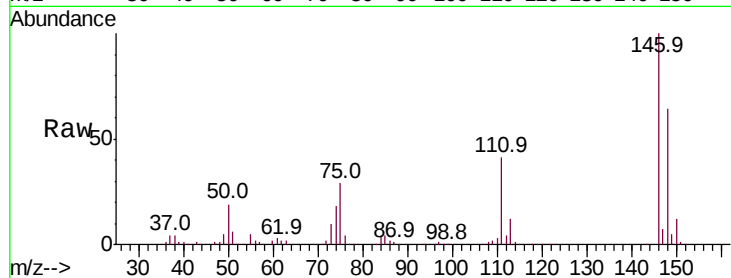
Tot Ion:146 Resp: 198866

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

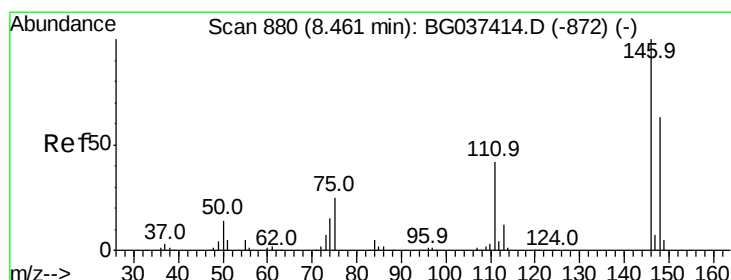
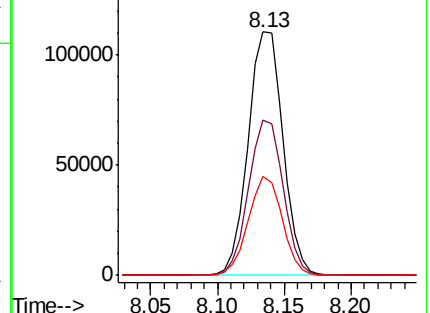
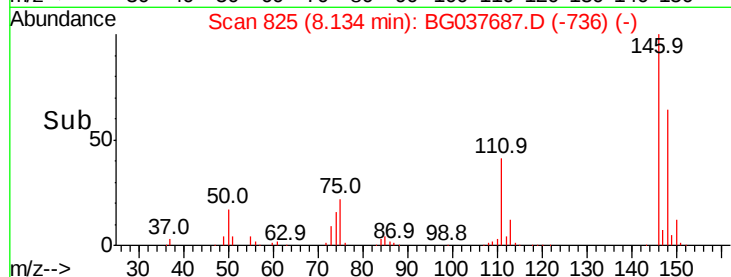
111 40.6 32.4 48.6



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: 41.377 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

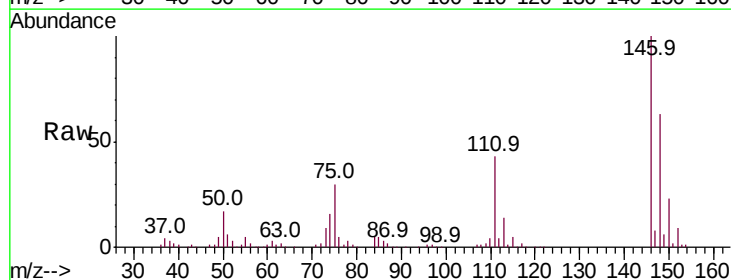
Tgt Ion:146 Resp: 191565

Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

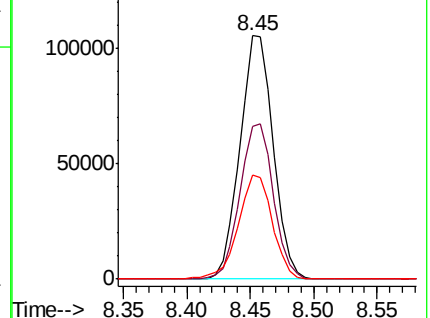
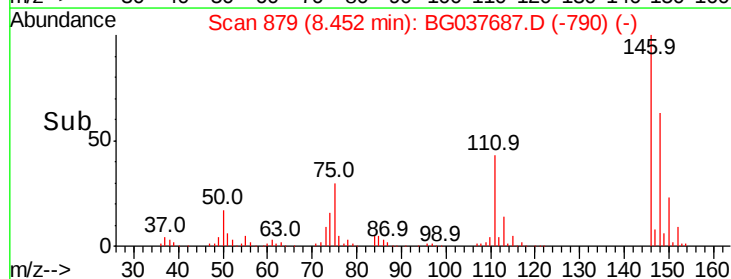
111 42.9 34.6 51.8

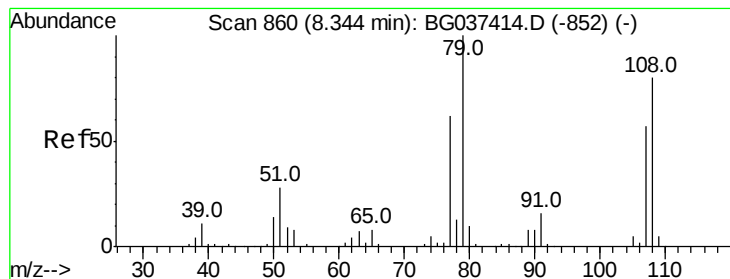


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.423 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

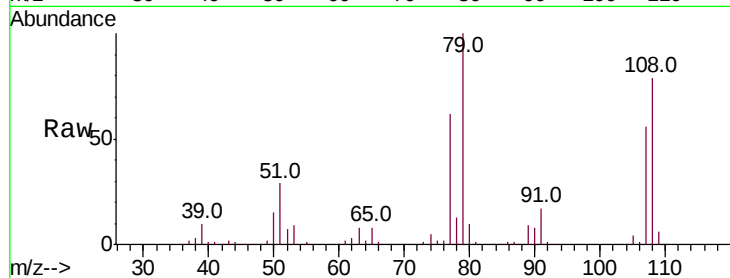
Tot Ion: 79 Resp: 191430

Ion Ratio Lower Upper

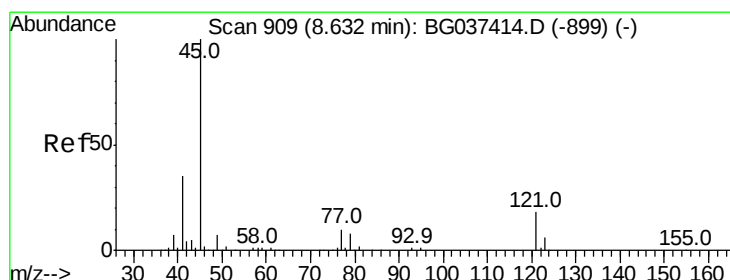
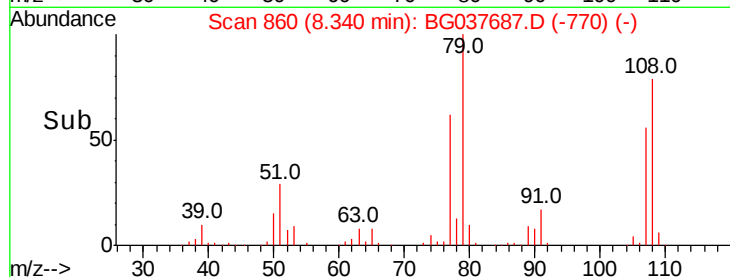
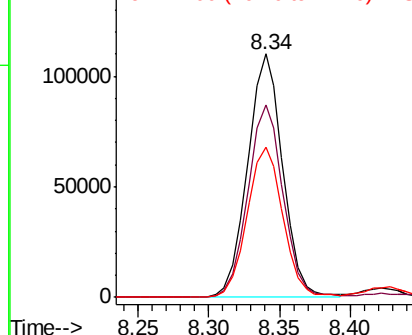
79 100

108 79.0 65.8 98.8

77 61.9 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: 43.868 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

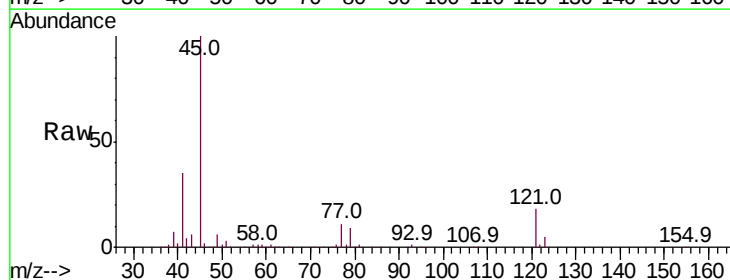
Tgt Ion: 45 Resp: 343625

Ion Ratio Lower Upper

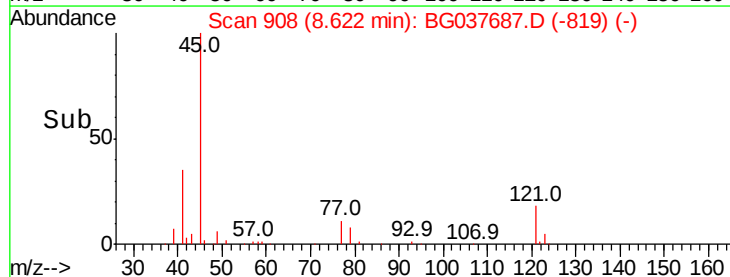
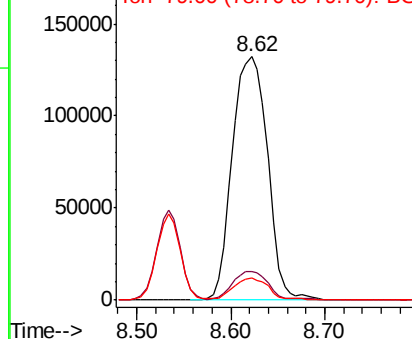
45 100

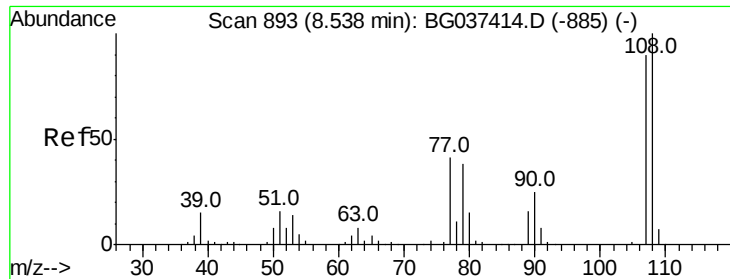
77 11.5 0.0 30.0

79 9.1 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: 49.596 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 188998

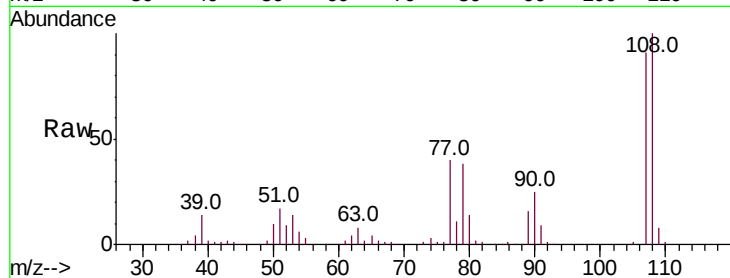
Ion Ratio Lower Upper

107 100

108 110.0 87.9 131.9

77 43.5 35.1 52.7

79 42.0 34.5 51.7

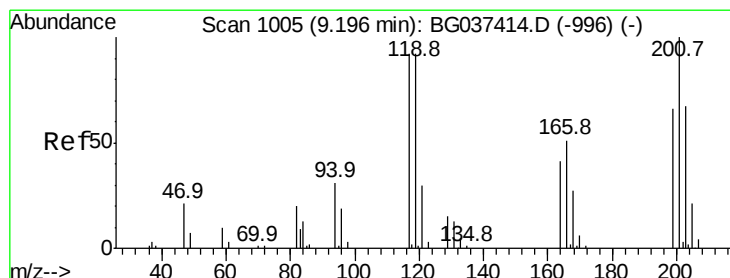
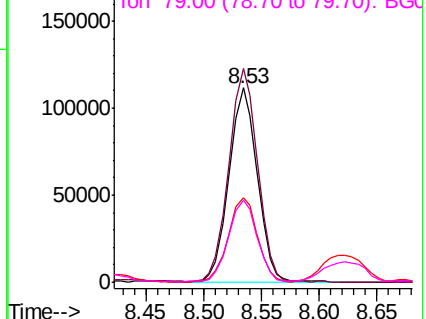
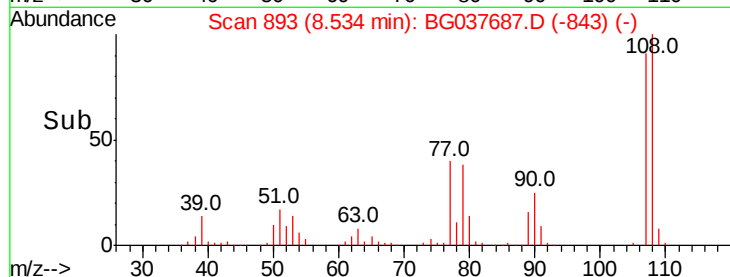


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.044 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

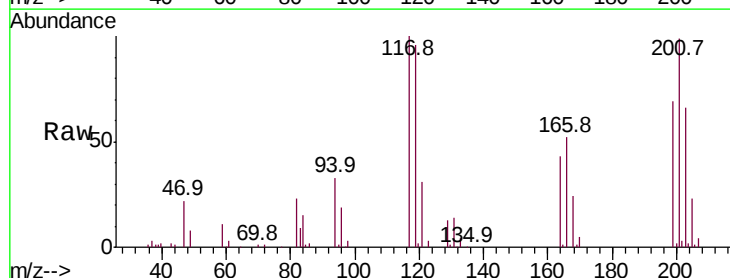
Tgt Ion:117 Resp: 70628

Ion Ratio Lower Upper

117 100

119 96.1 74.6 111.8

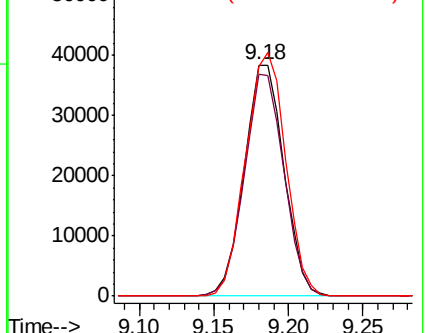
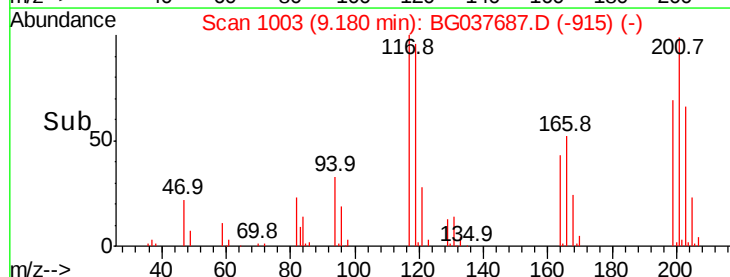
201 102.4 80.8 121.2

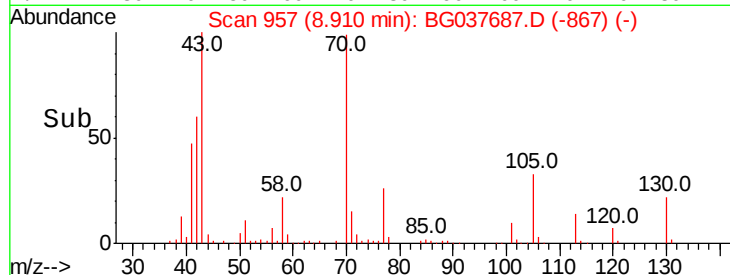
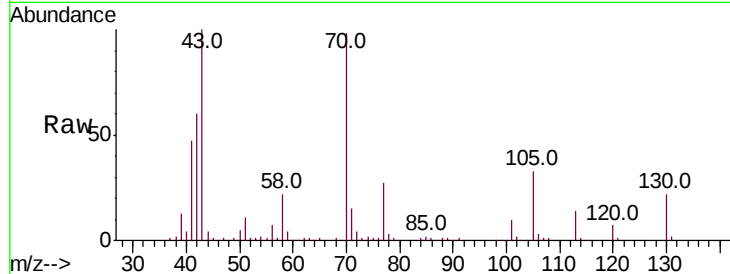
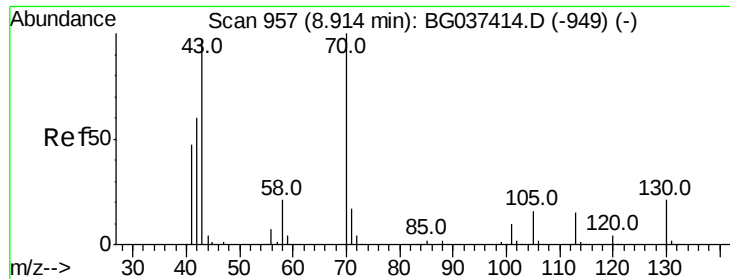


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

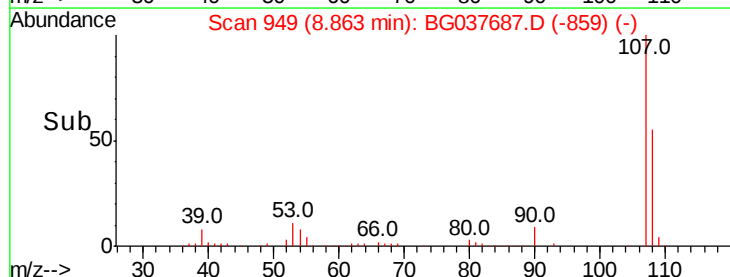
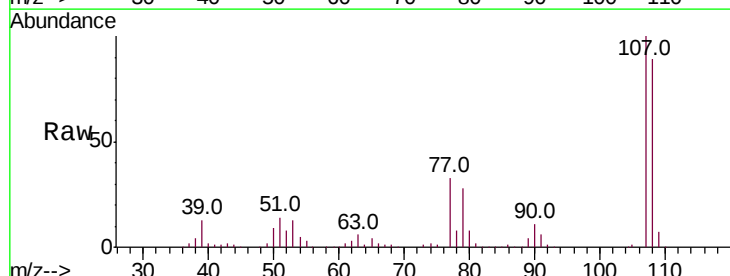
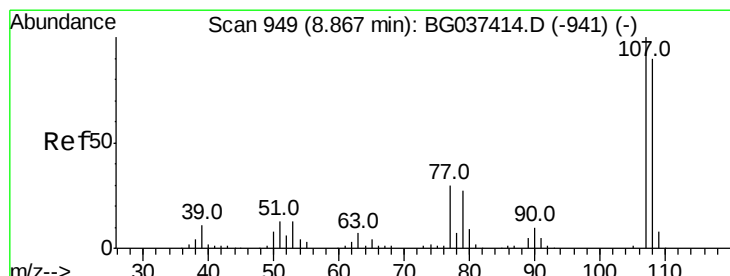
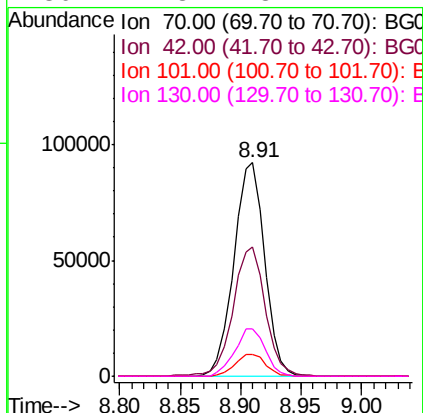




#19
n-Nitroso-di-n-propylamine
Concen: 43.599 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

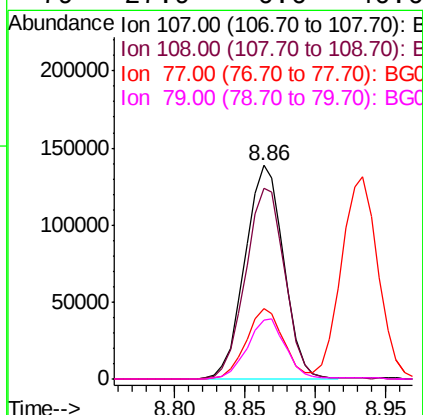
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 164016
Ion Ratio Lower Upper
70 100
42 60.5 53.9 80.9
101 10.4 8.2 12.2
130 22.3 18.2 27.4



#20
3+4-Methylphenols
Concen: 48.910 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion: 107 Resp: 266479
Ion Ratio Lower Upper
107 100
108 89.0 69.9 109.9
77 33.0 11.2 51.2
79 27.9 6.6 46.6

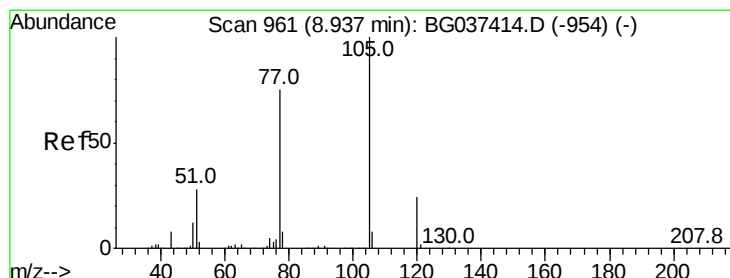
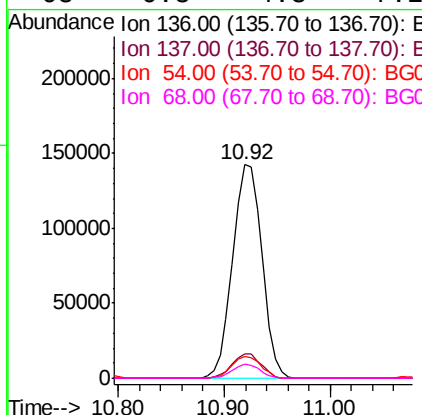
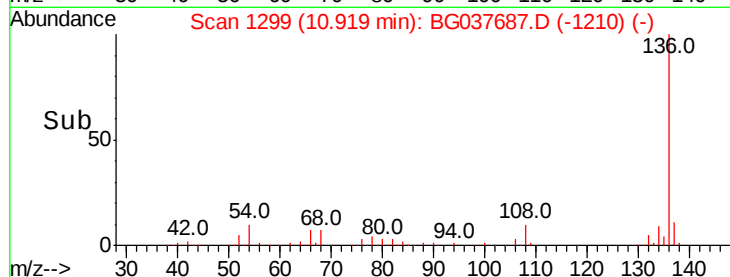
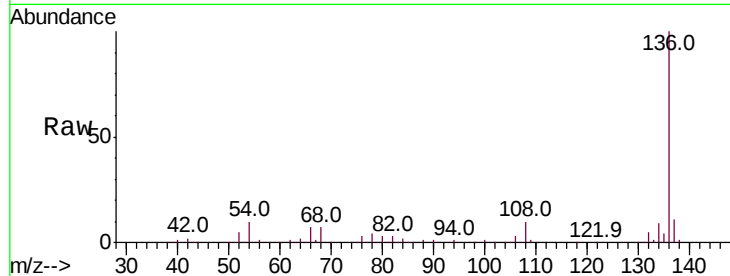




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

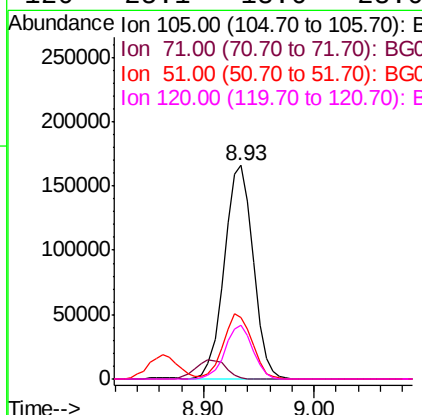
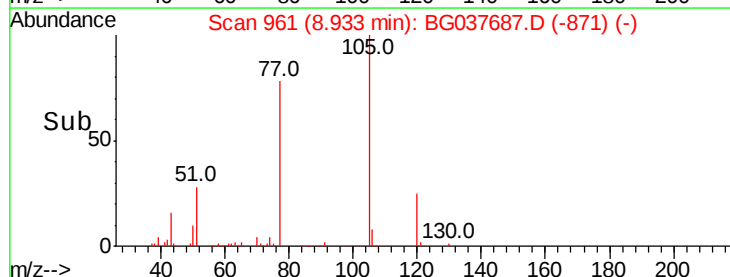
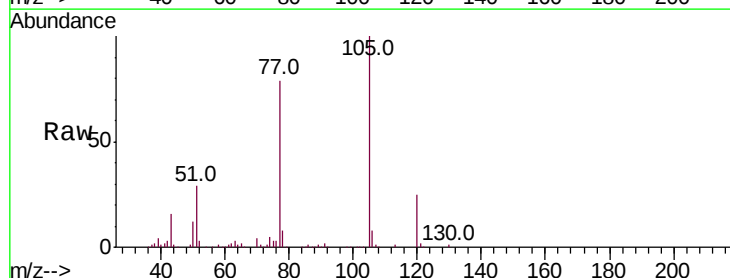
Instrument :
BNA_G
ClientSampleId :

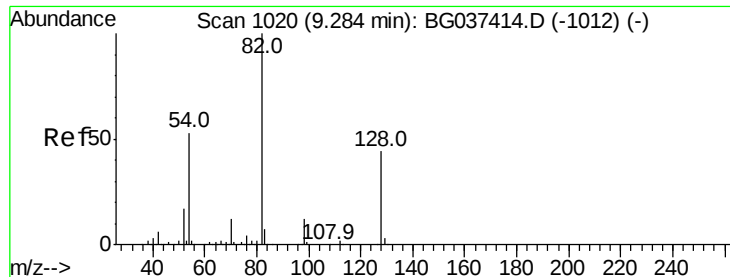
Tot Ion:	136	Resp:	273563
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.3	7.9	11.9
68	6.8	4.8	7.2



#22
Acetophenone
Concen: 44.111 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion:	105	Resp:	302638
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	28.9	25.0	37.6
120	25.1	18.6	28.0

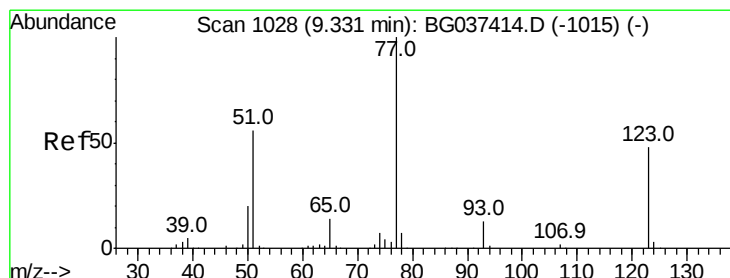
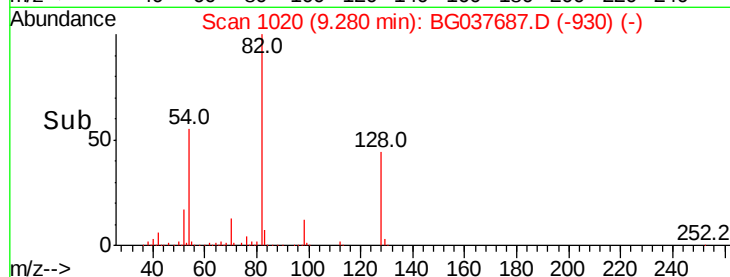
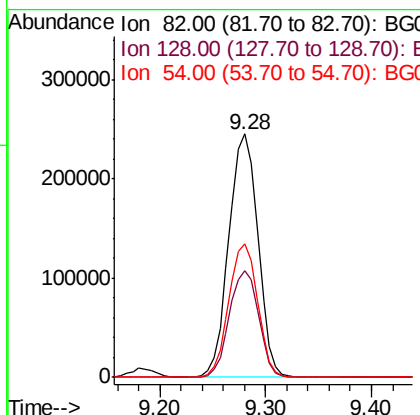
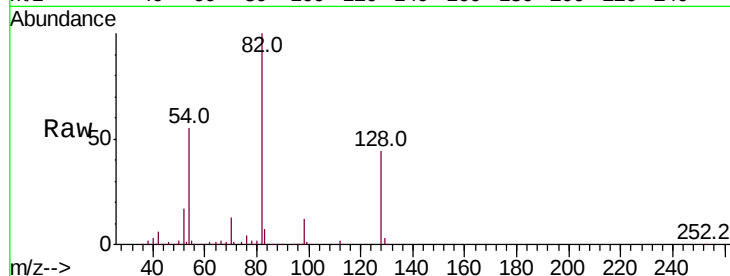




#23
 Nitrobenzene-d5
 Concen: 95.719 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

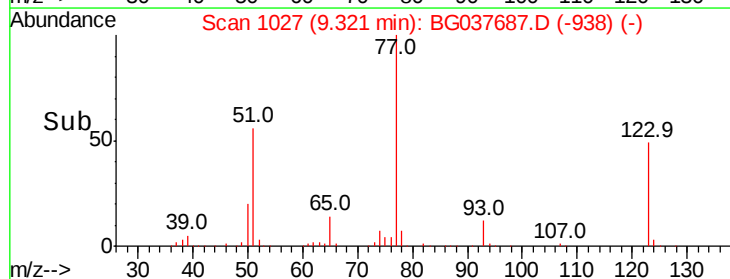
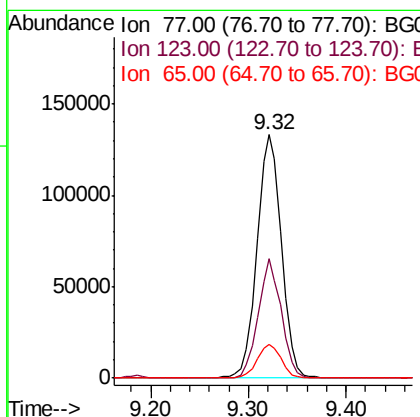
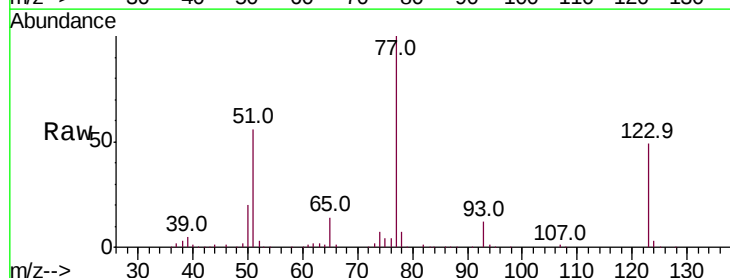
Instrument :
 BNA_G
 ClientSampleId :

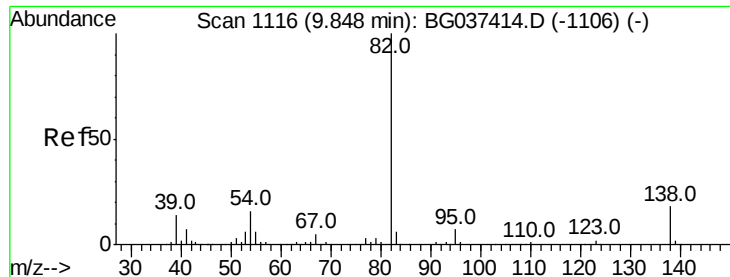
Tot Ion: 82 Resp: 467433
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 51.8
 54 54.7 45.3 67.9



#24
 Nitrobenzene
 Concen: 46.200 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion: 77 Resp: 234376
 Ion Ratio Lower Upper
 77 100
 123 49.0 33.6 50.4
 65 13.8 11.3 16.9





#25

Isophorone

Concen: 52.385 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

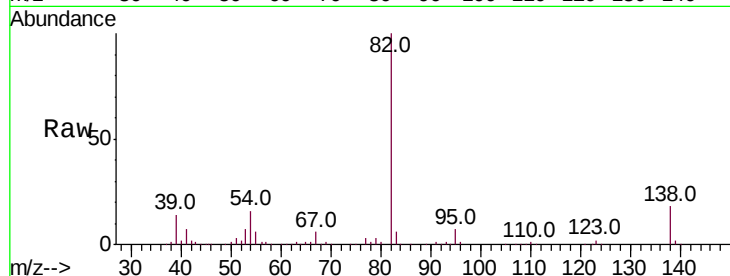
Tot Ion: 82 Resp: 467416

Ion Ratio Lower Upper

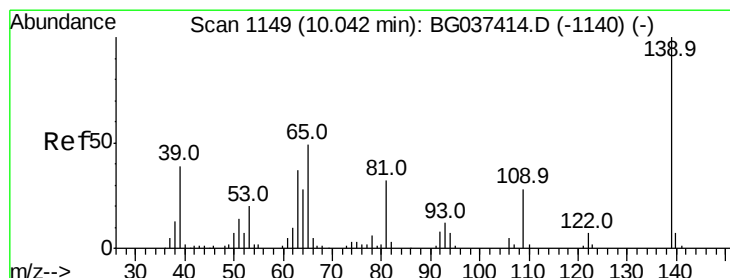
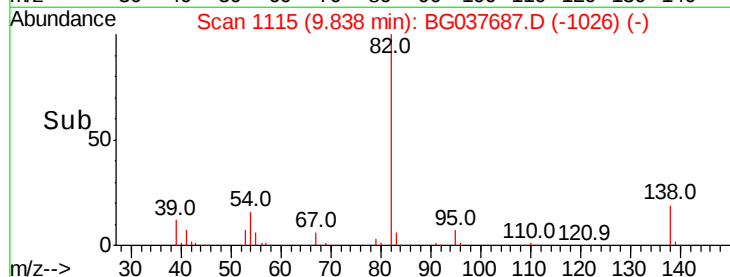
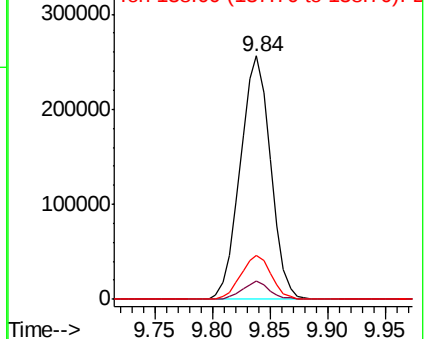
82 100

95 7.3 5.3 7.9

138 18.3 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 52.528 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

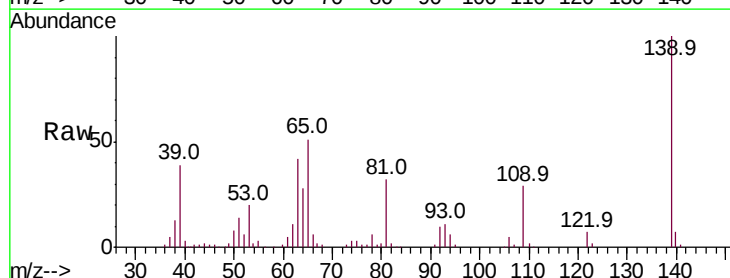
Tgt Ion: 139 Resp: 120048

Ion Ratio Lower Upper

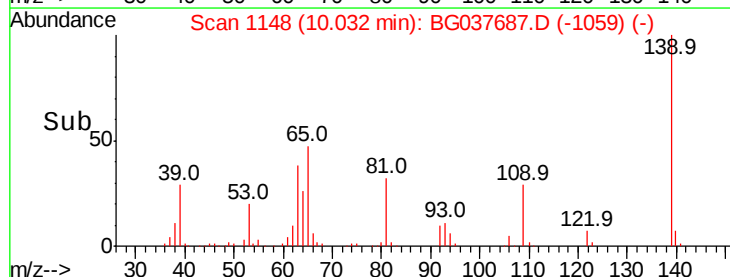
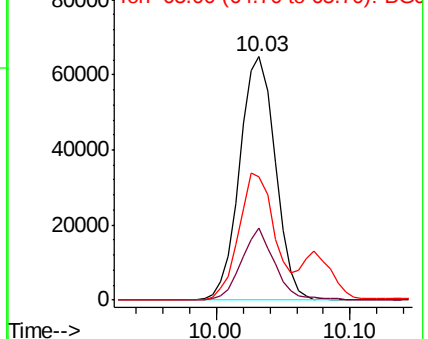
139 100

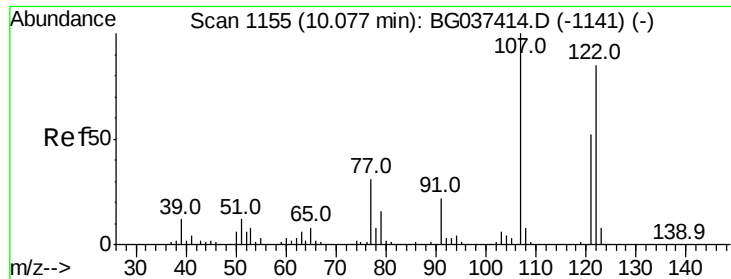
109 29.4 23.3 34.9

65 50.8 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

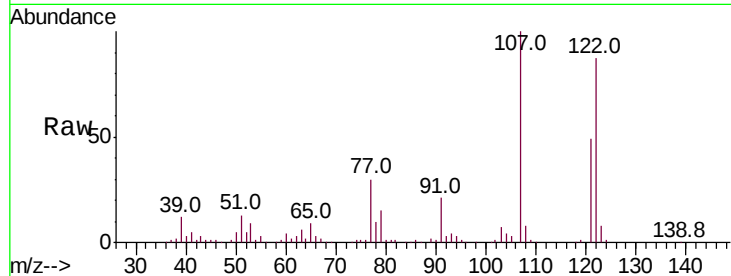




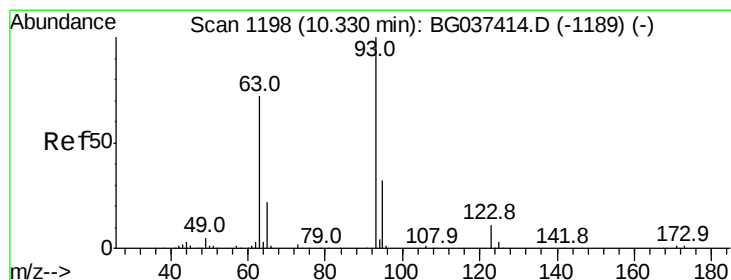
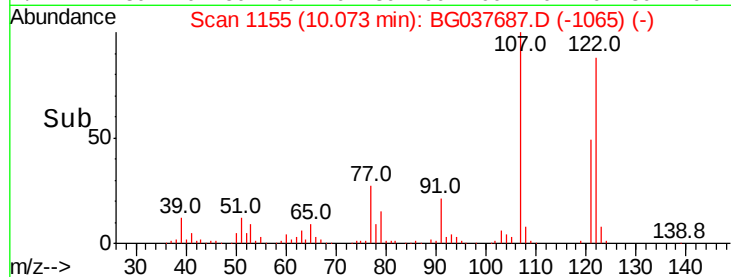
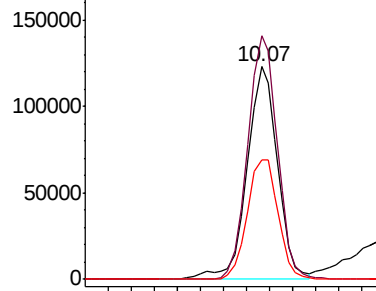
#27
2,4-Dimethylphenol
Concen: 55.303 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 225665
Ion Ratio Lower Upper
122 100
107 114.5 94.2 141.2
121 56.4 47.3 70.9

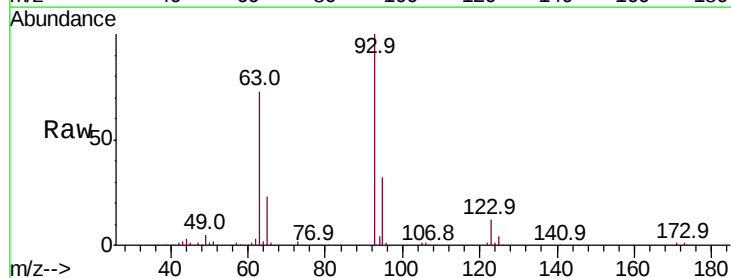


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

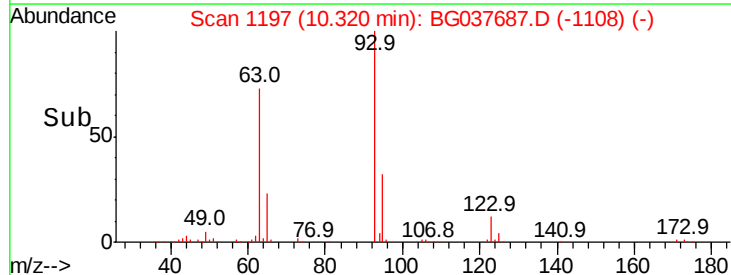
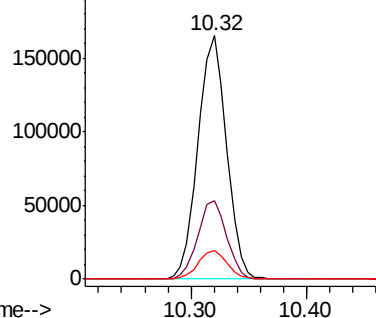


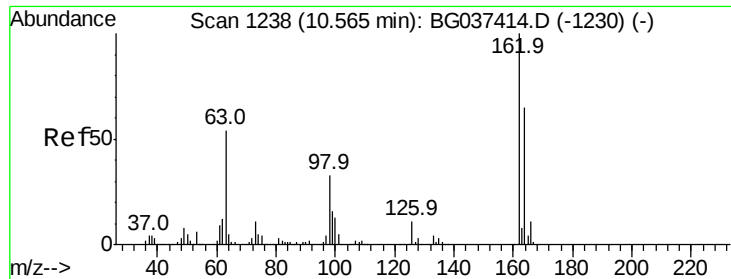
#28
bis(2-Chloroethoxy)methane
Concen: 48.382 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion: 93 Resp: 282844
Ion Ratio Lower Upper
93 100
95 32.4 24.6 37.0
123 11.8 9.1 13.7



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

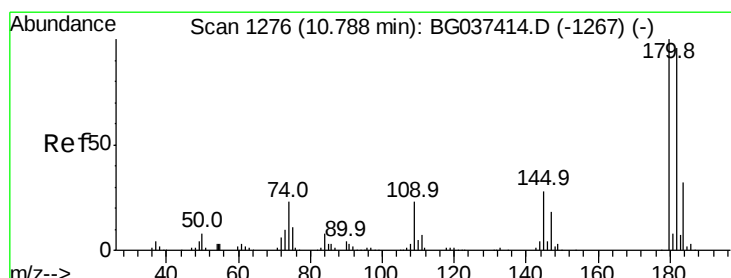
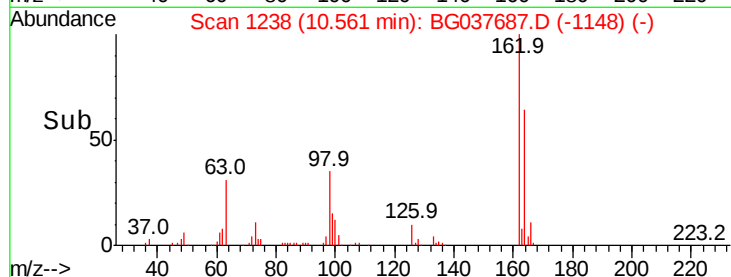
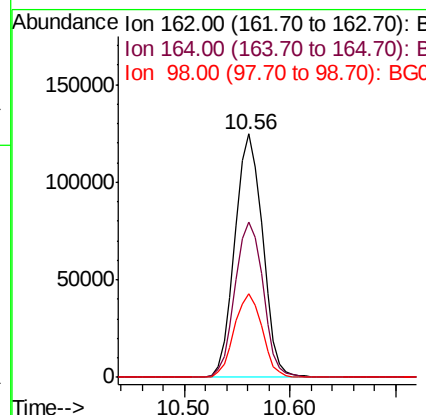
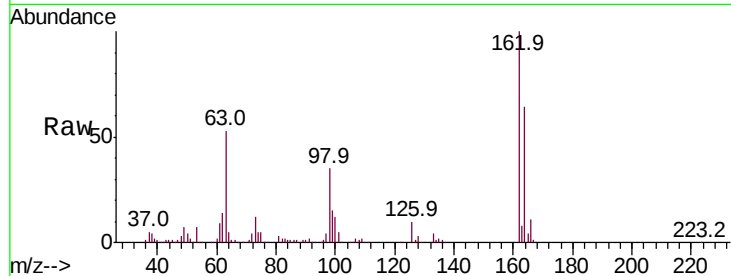




#29
2,4-Dichlorophenol
Concen: 49.982 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

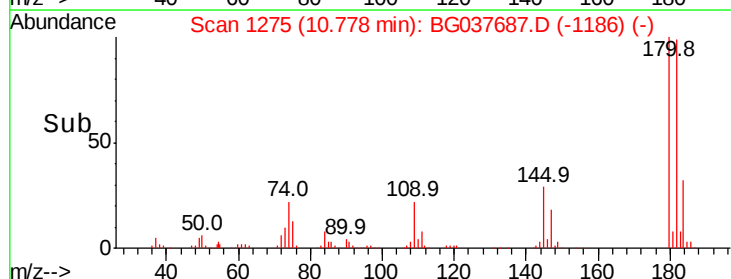
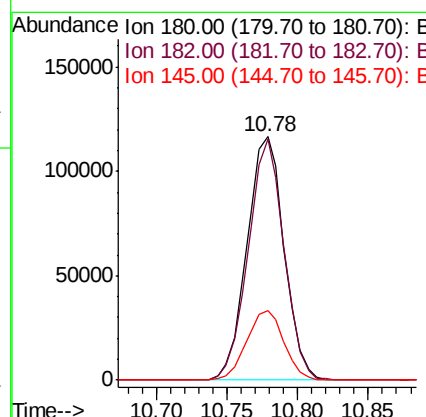
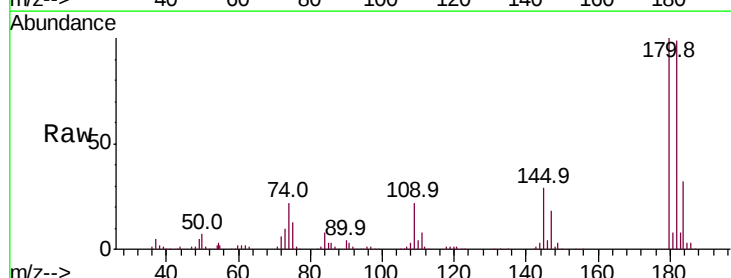
Instrument :
BNA_G
ClientSampleId :

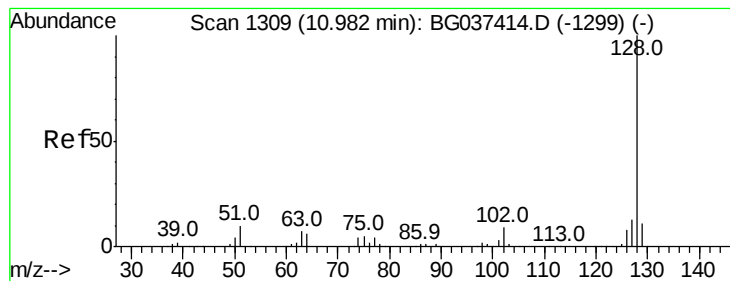
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	34.5	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 43.377 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.7	116.5
145	28.7	23.3	34.9





#31

Naphthalene

Concen: 47.575 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

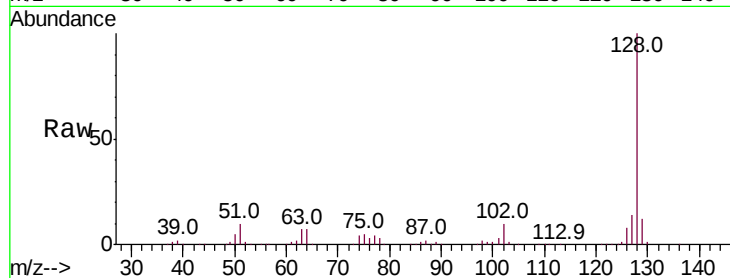
Tot Ion:128 Resp: 639258

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

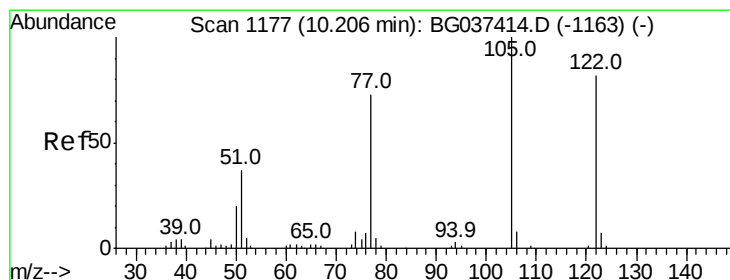
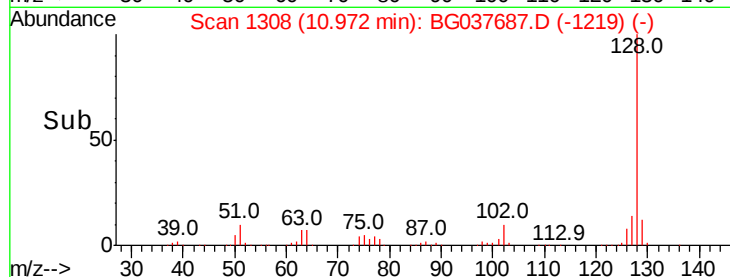
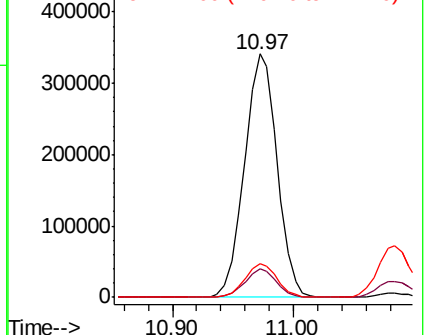
127 13.9 11.1 16.7



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: 33.691 ng

RT: 10.19 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

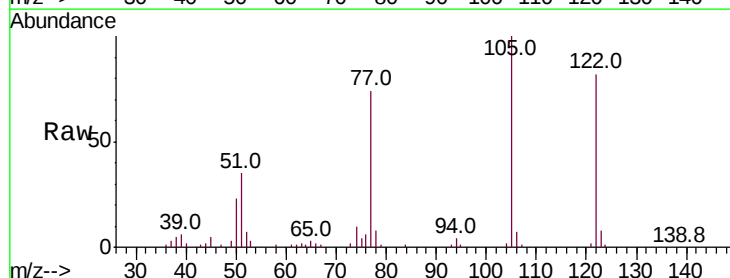
Tgt Ion:122 Resp: 89294

Ion Ratio Lower Upper

122 100

105 121.8 106.7 146.7

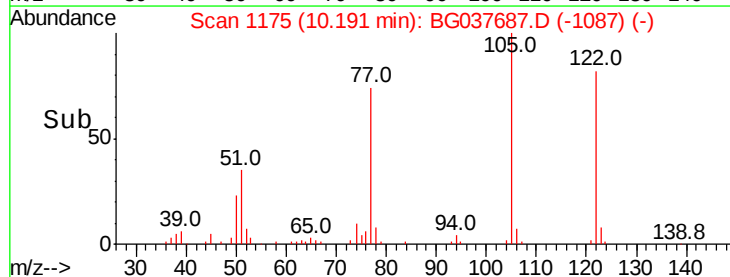
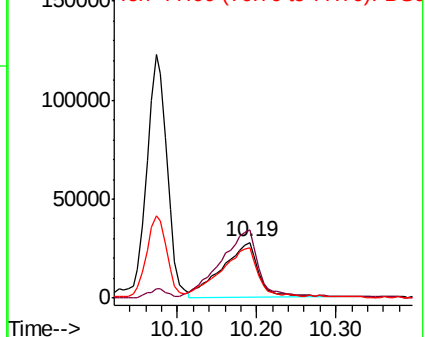
77 89.8 72.2 112.2

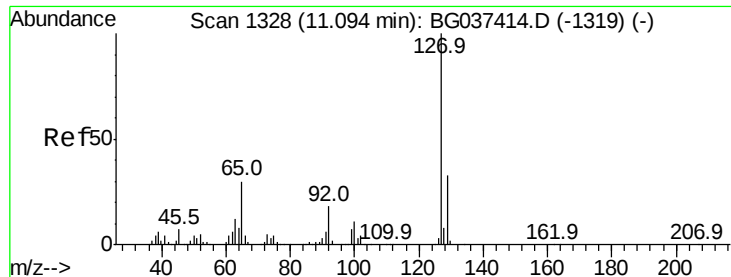


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

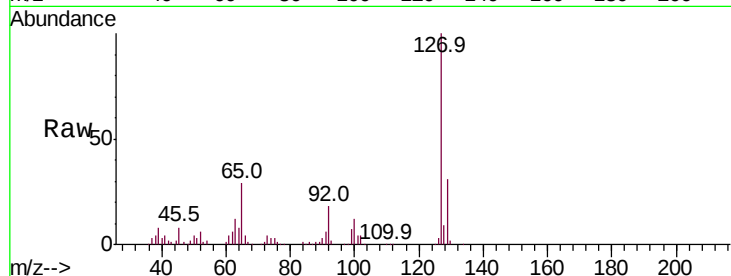




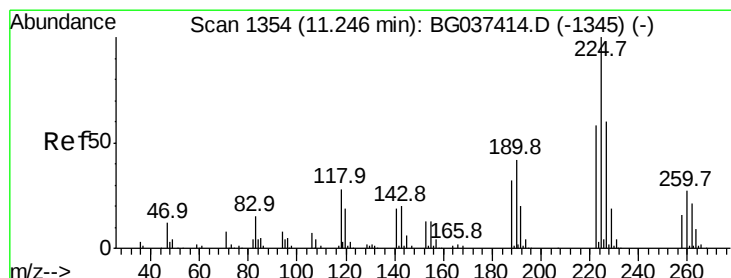
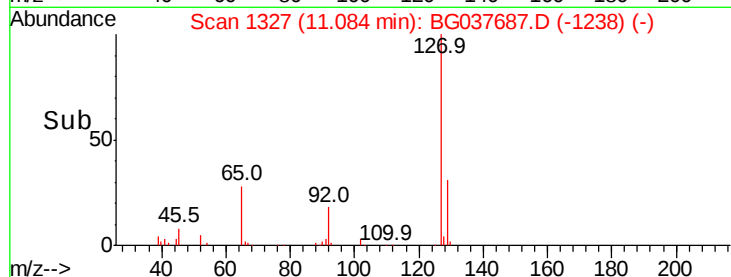
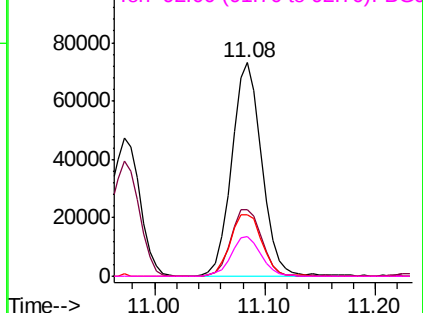
#33
4-Chloroaniline
Concen: 21.904 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	138288
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.1	40.7
65	29.0	26.6	39.8
92	18.5	16.4	24.6

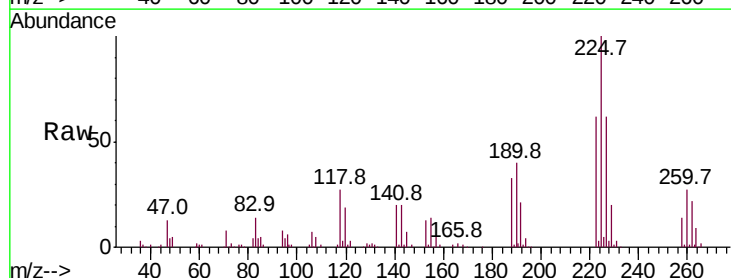


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

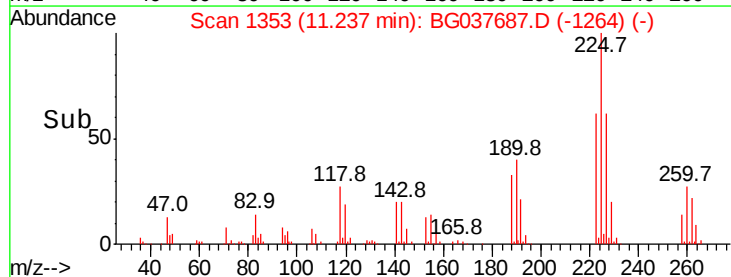
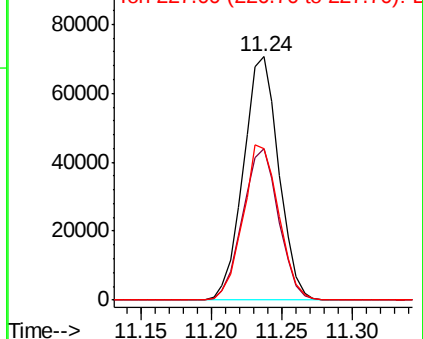


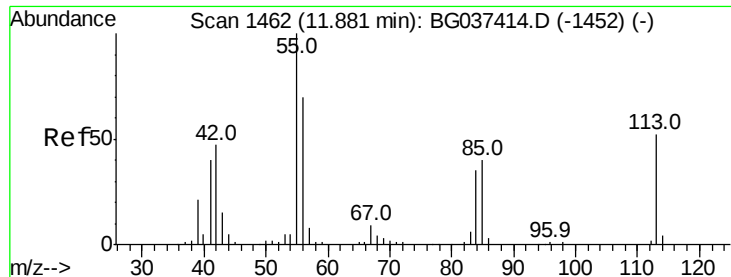
#34
Hexachlorobutadiene
Concen: 42.361 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion:	225	Resp:	124043
Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.2	72.4
227	62.1	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: 28.519 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

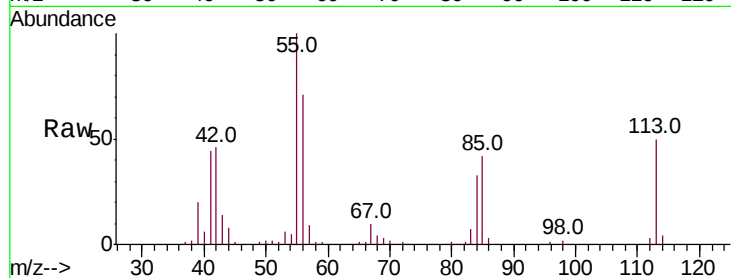
Tot Ion:113 Resp: 51966

Ion Ratio Lower Upper

113 100

55 199.1 176.6 216.6

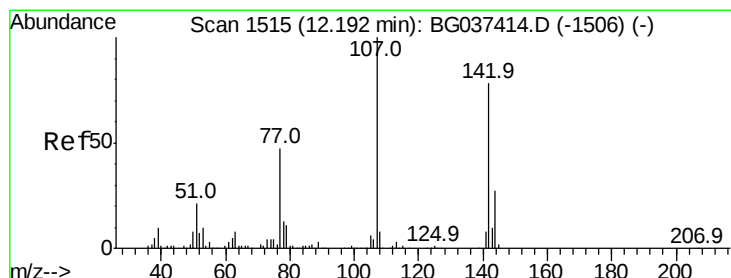
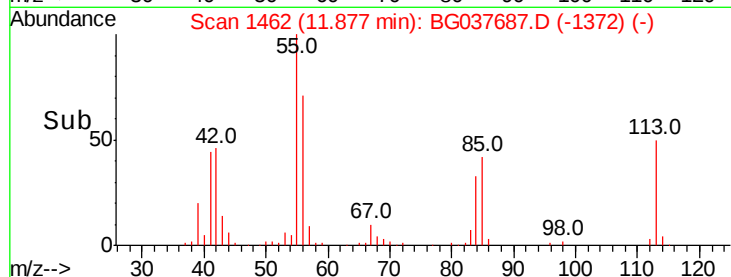
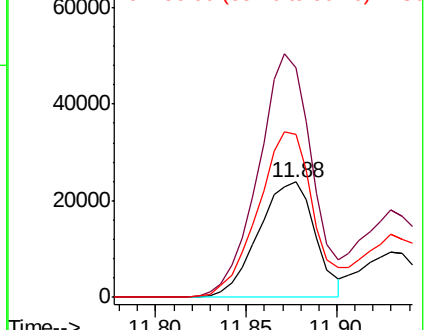
56 141.6 128.3 168.3



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: 49.098 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

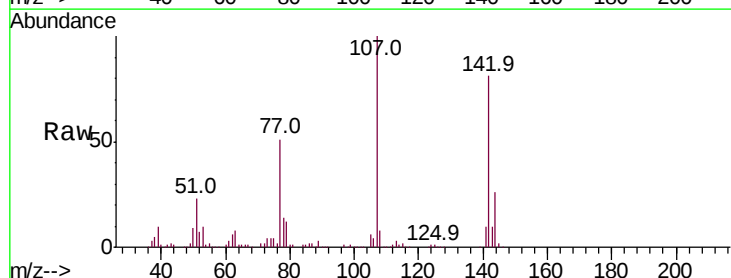
Tgt Ion:107 Resp: 251568

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

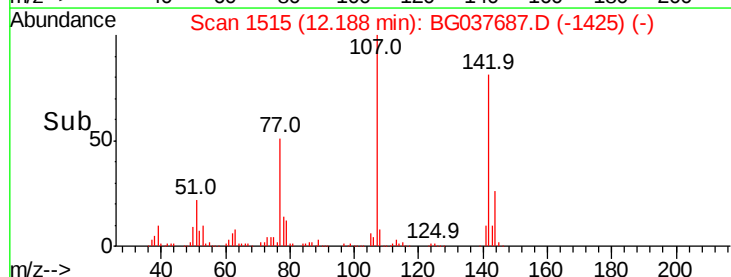
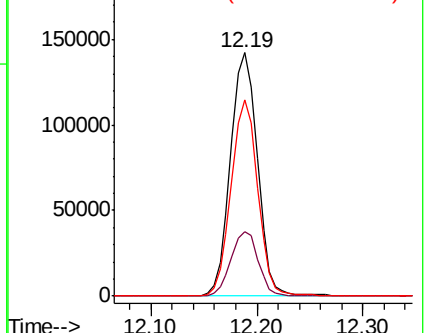
142 80.6 64.4 96.6

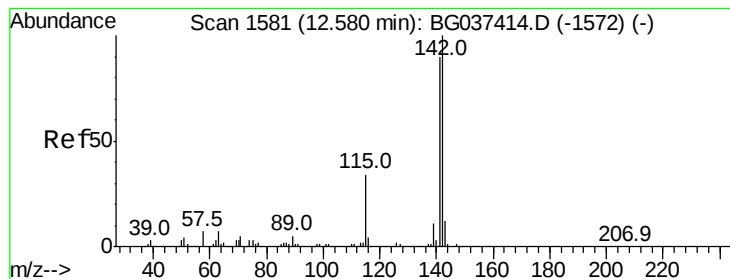


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.997 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

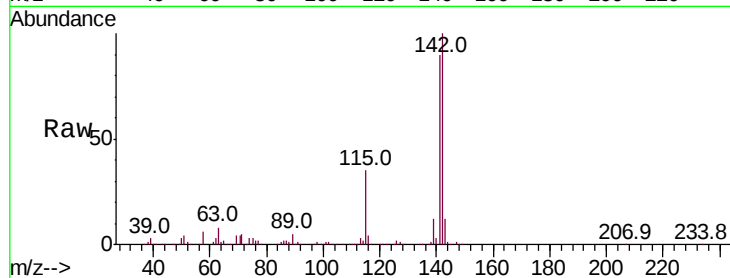
Tot Ion:142 Resp: 489715

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9

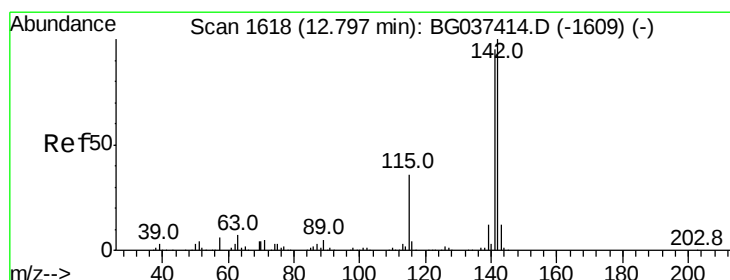
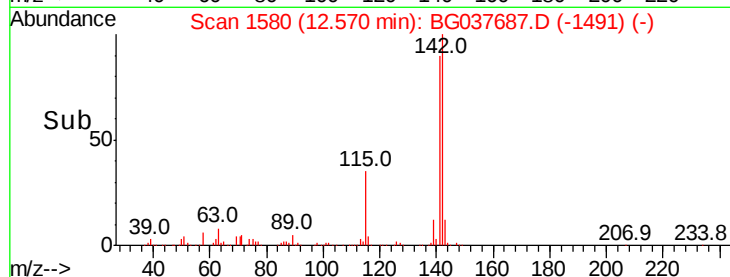
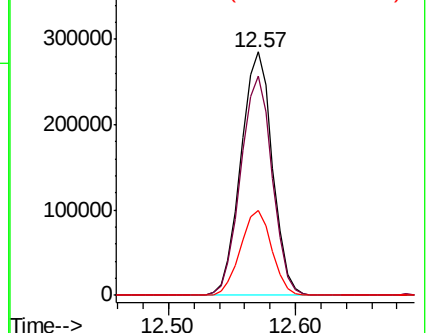
115 34.6 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.178 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

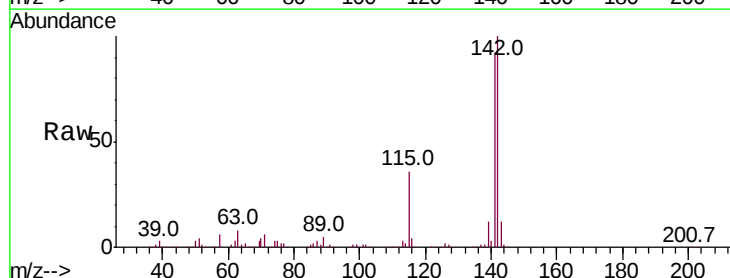
Tgt Ion:142 Resp: 467787

Ion Ratio Lower Upper

142 100

141 92.4 75.2 112.8

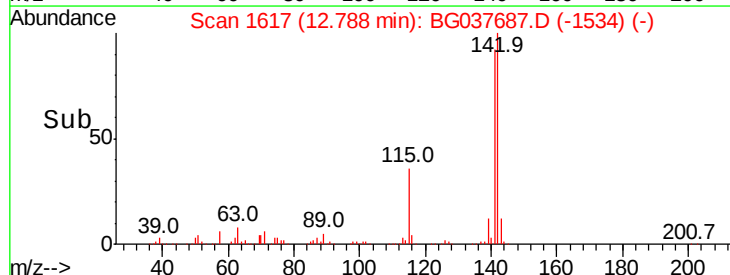
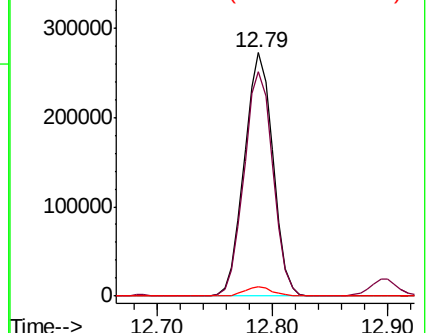
116 4.1 3.3 4.9

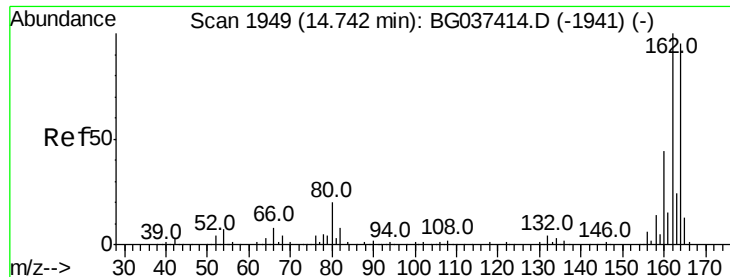


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

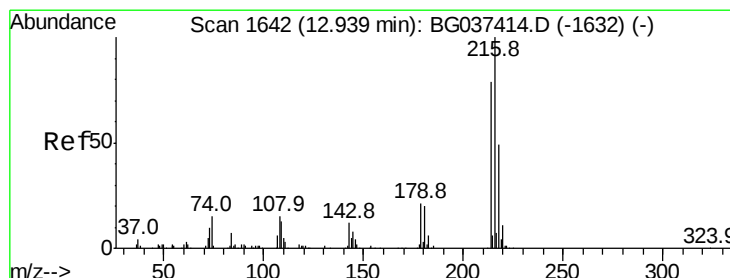
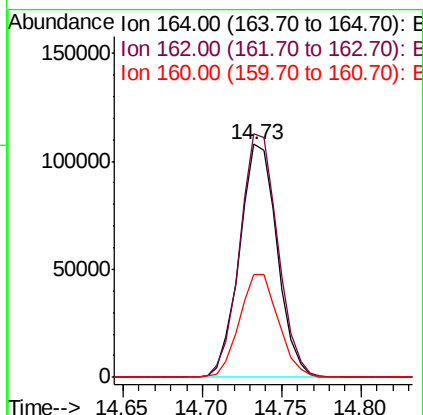
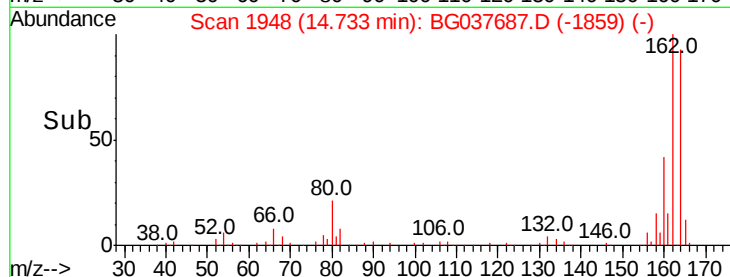
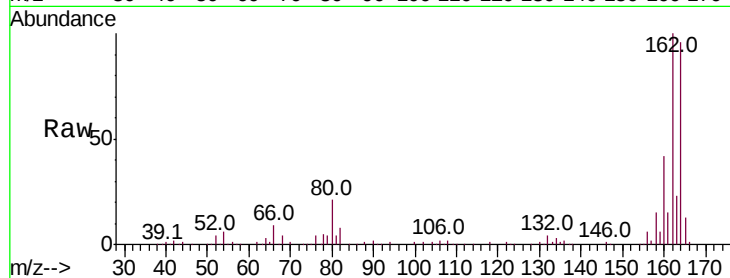
Tot Ion:164 Resp: 177879

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

160 44.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.594 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Tgt Ion:216 Resp: 250125

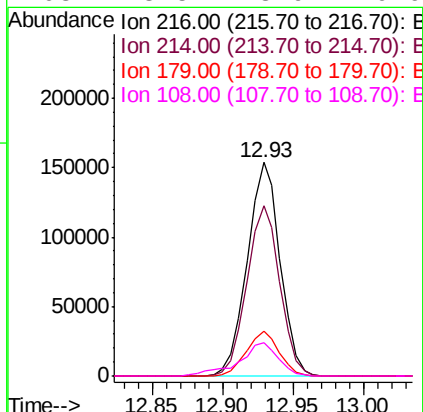
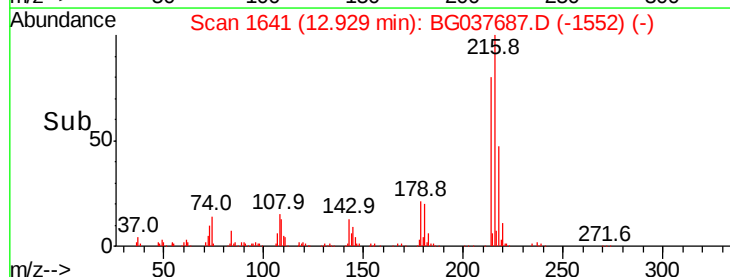
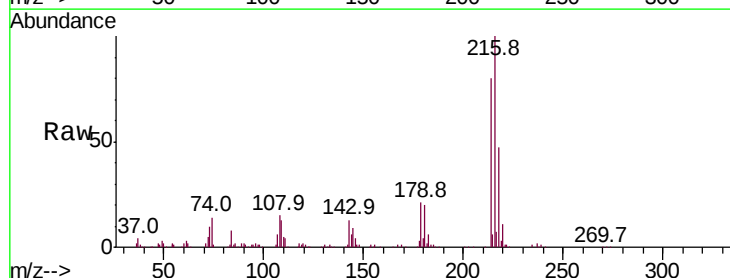
Ion Ratio Lower Upper

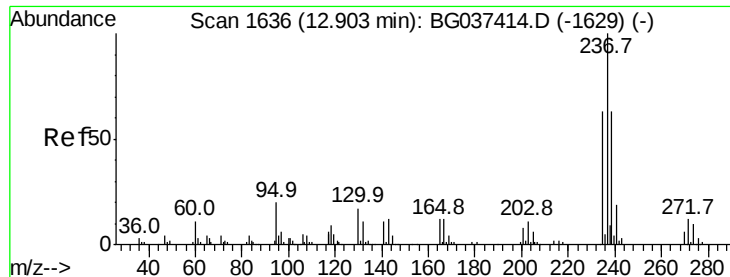
216 100

214 79.9 63.8 95.6

179 21.1 17.4 26.0

108 18.5 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 100.510 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

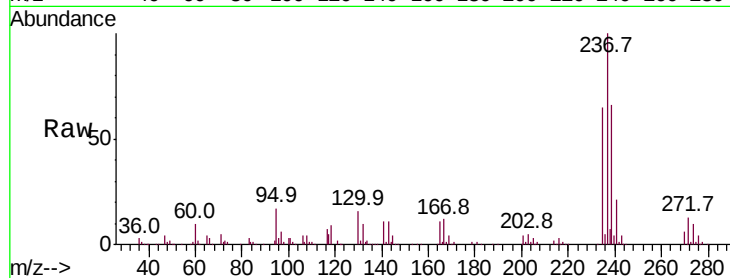
Tot Ion:237 Resp: 275465

Ion Ratio Lower Upper

237 100

235 65.2 42.5 82.5

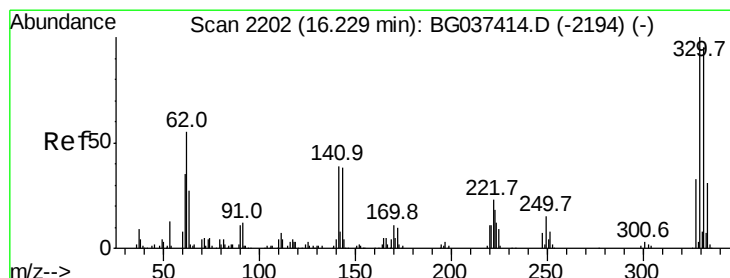
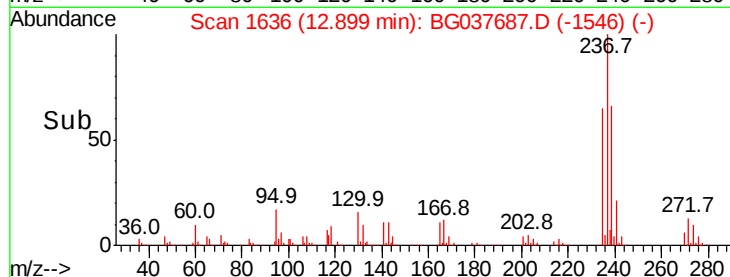
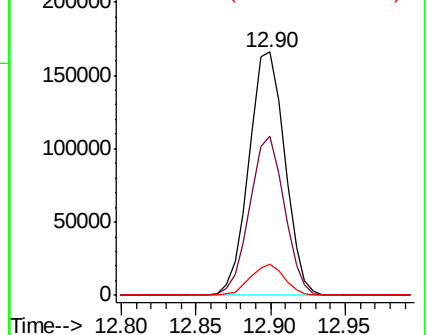
272 12.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.086 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

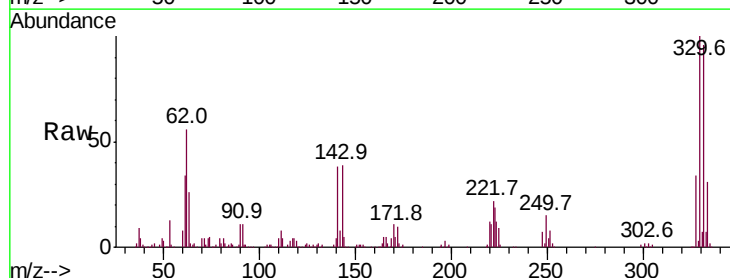
Tgt Ion:330 Resp: 277603

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

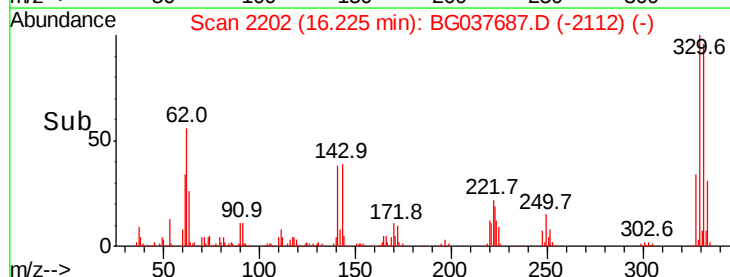
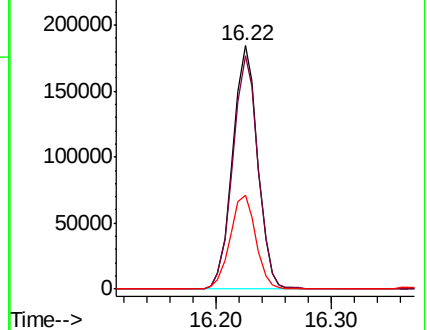
141 39.5 32.2 48.2

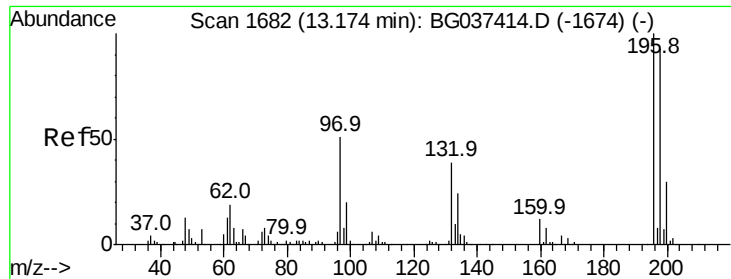


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

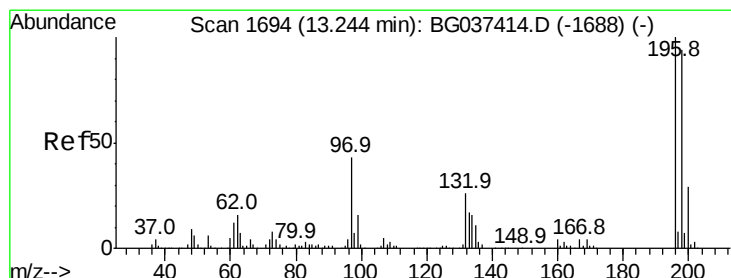
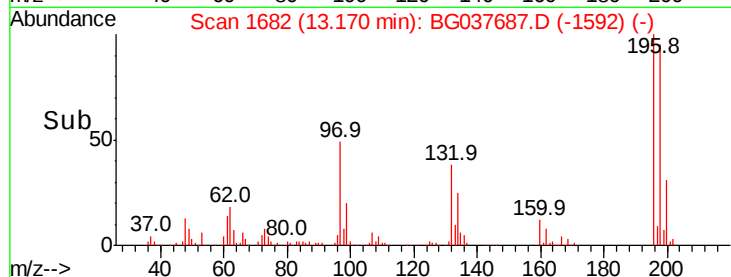
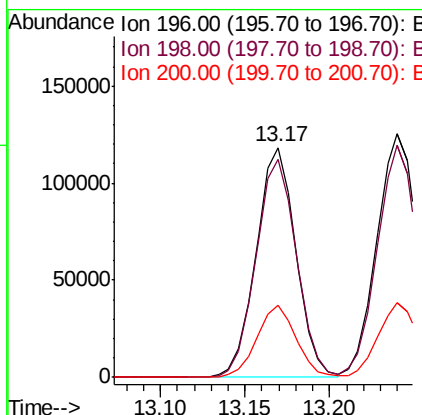
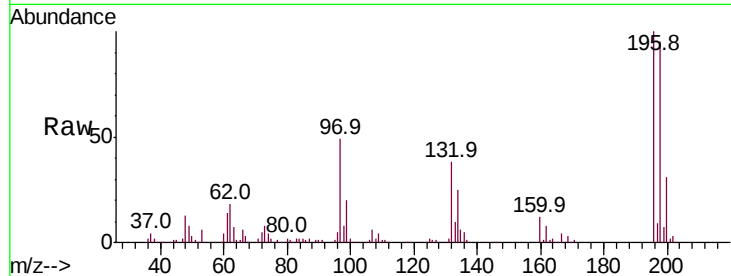




#43
 2,4,6-Trichlorophenol
 Concen: 50.196 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

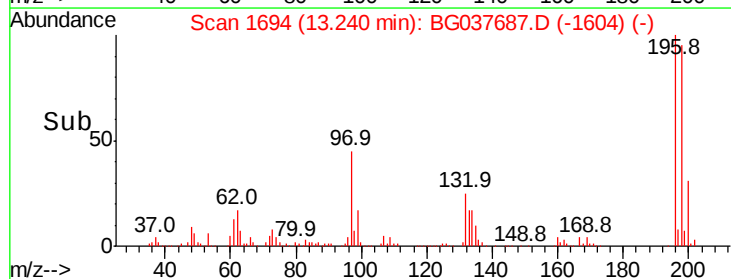
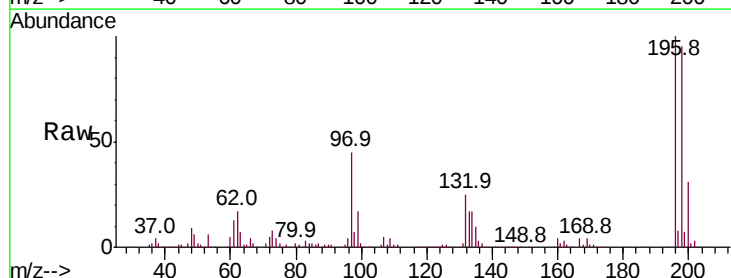
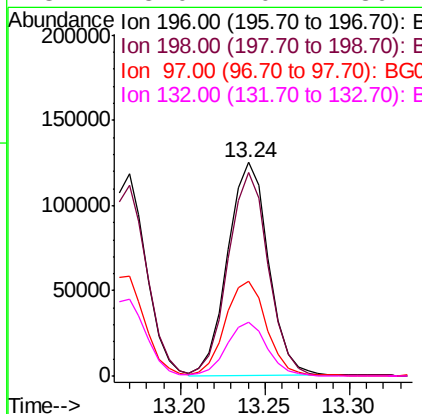
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	192409
Ion Ratio	100	Lower	Upper
196	100		
198	94.7	76.4	114.6
200	31.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.284 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion	196	Resp	209857
Ion Ratio	100	Lower	Upper
196	100		
198	95.5	74.2	111.2
97	44.7	34.1	51.1
132	25.0	20.2	30.4

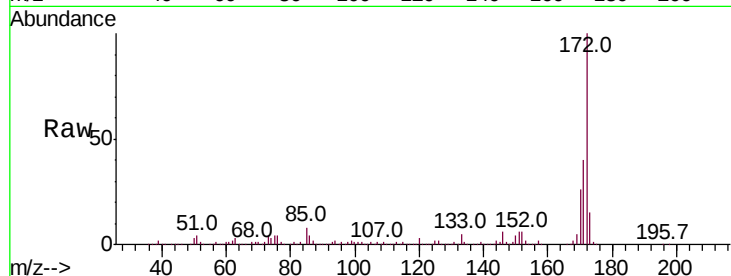




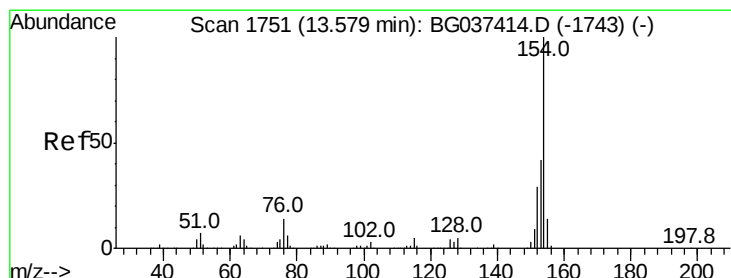
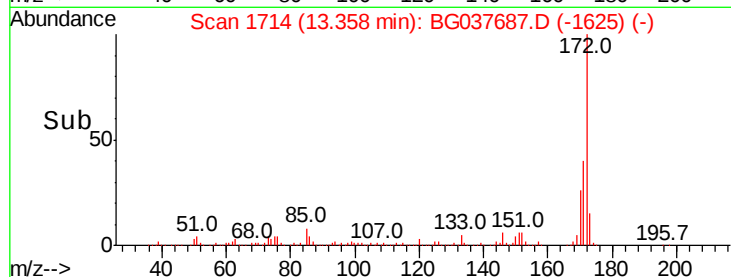
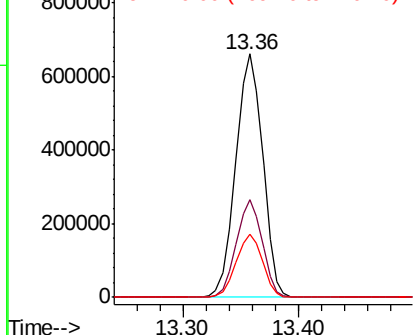
#45
2-Fluorobiphenyl
Concen: 90.559 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1068247
Ion Ratio Lower Upper
172 100
171 40.1 31.0 46.4
170 26.1 20.2 30.2

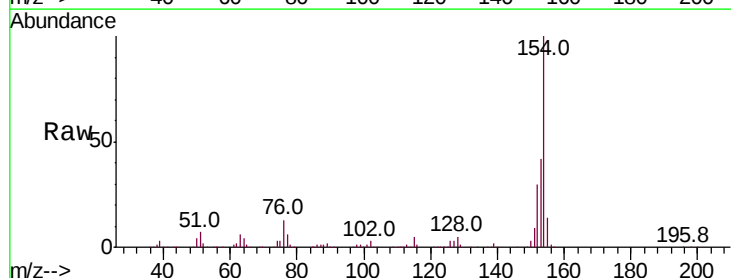


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

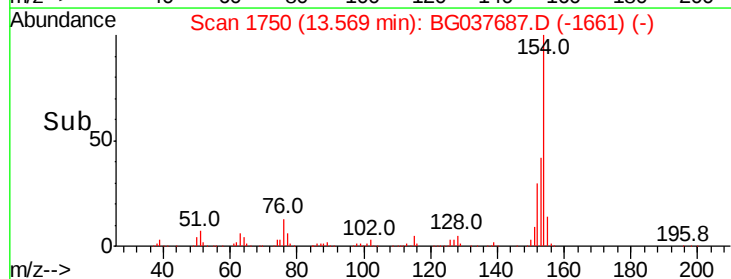
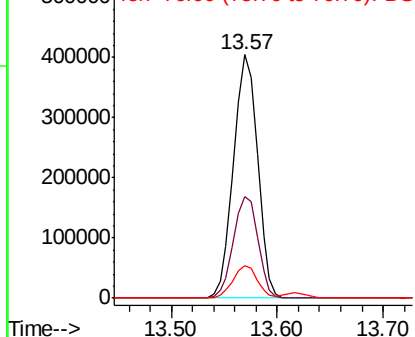


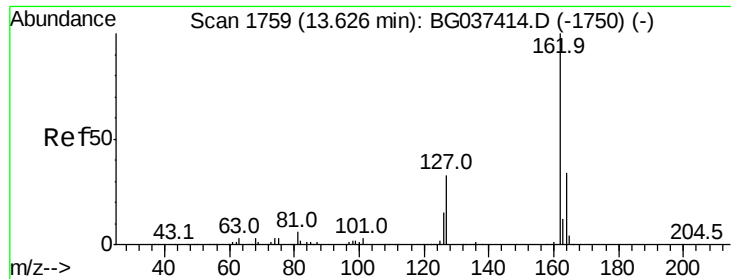
#46
1,1'-Biphenyl
Concen: 43.158 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion:154 Resp: 635775
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 13.4 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

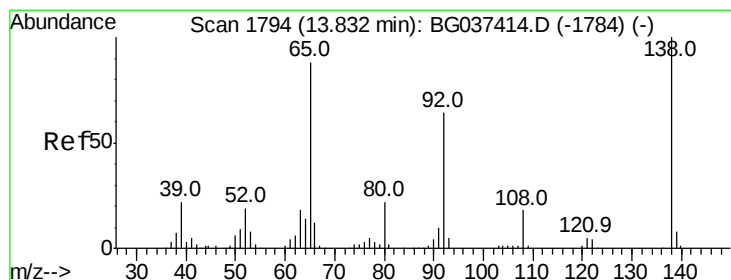
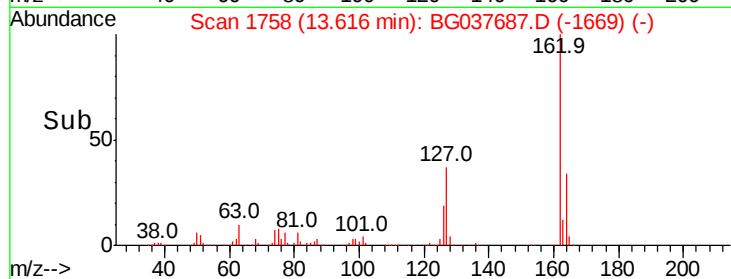
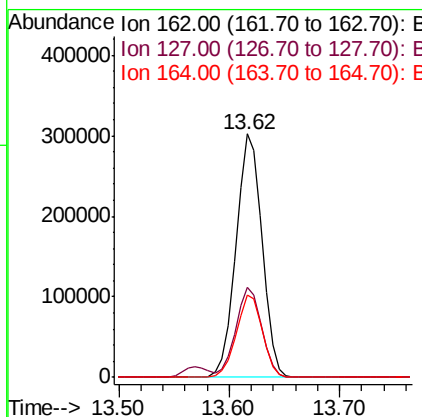
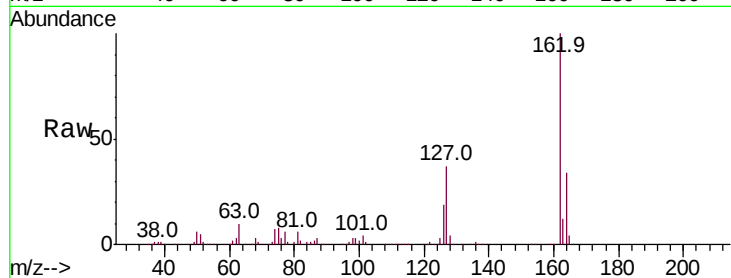




#47
 2-Chloronaphthalene
 Concen: 44.883 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

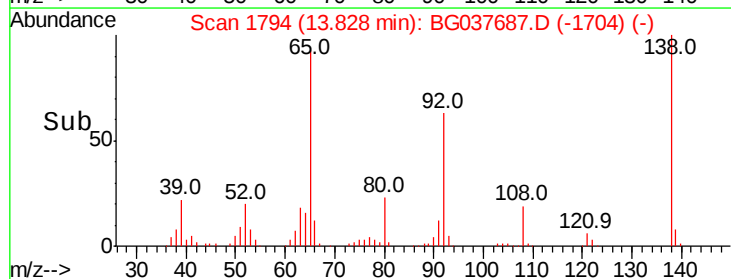
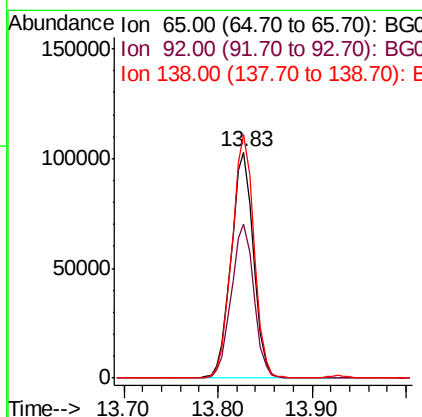
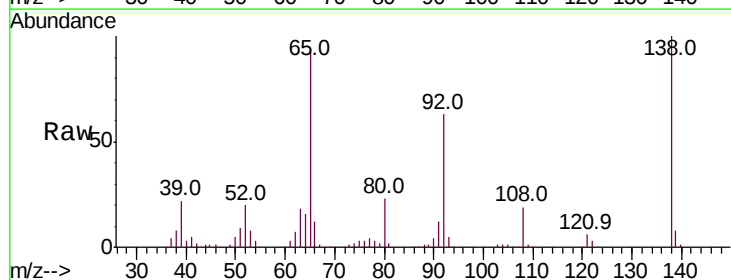
Instrument :
 BNA_G
 ClientSampleId :

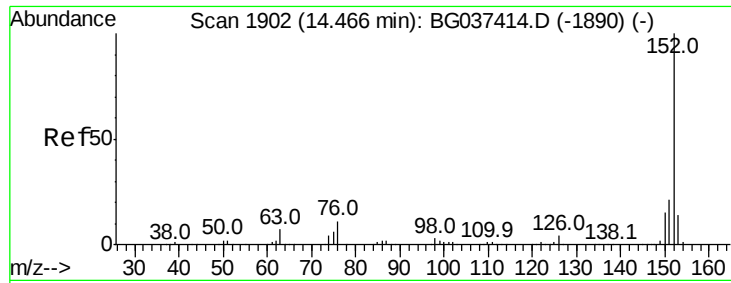
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	33.6	26.4	39.6



#48
 2-Nitroaniline
 Concen: 50.186 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.2	79.8
138	107.8	79.3	118.9





#49

Acenaphthylene

Concen: 49.257 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

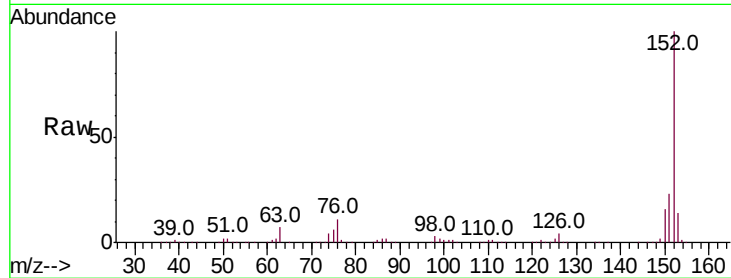
Tot Ion:152 Resp: 825802

Ion Ratio Lower Upper

152 100

151 23.1 17.1 25.7

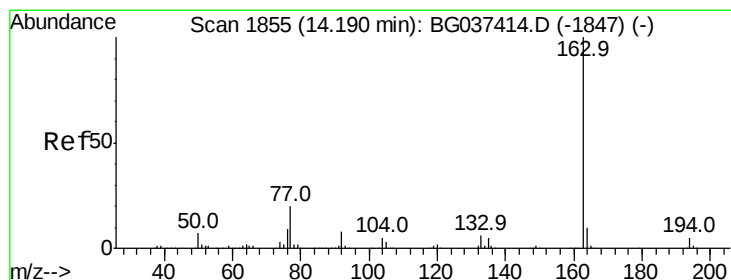
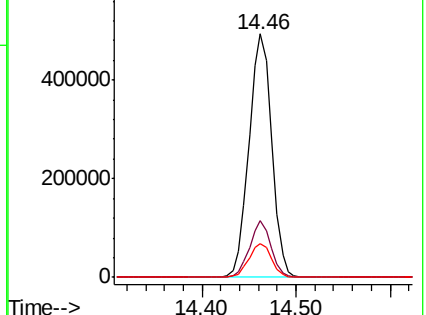
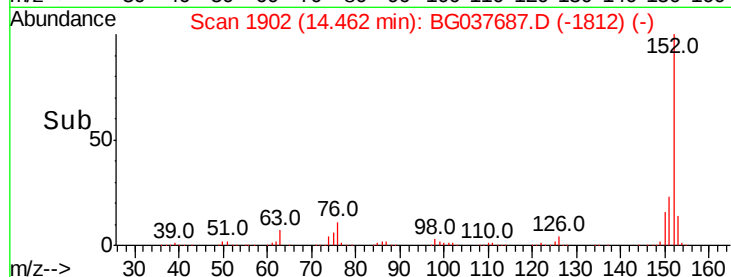
153 13.9 11.1 16.7



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: 56.146 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

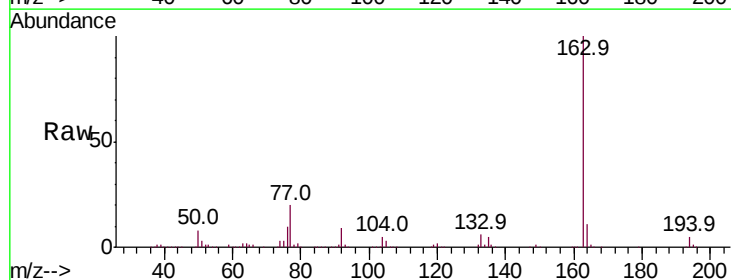
Tgt Ion:163 Resp: 772627

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

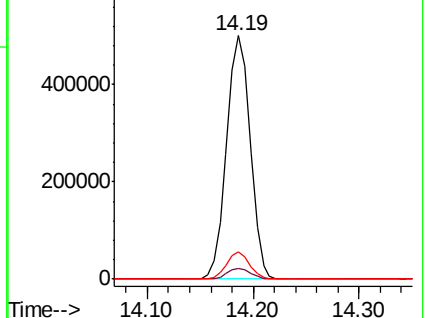
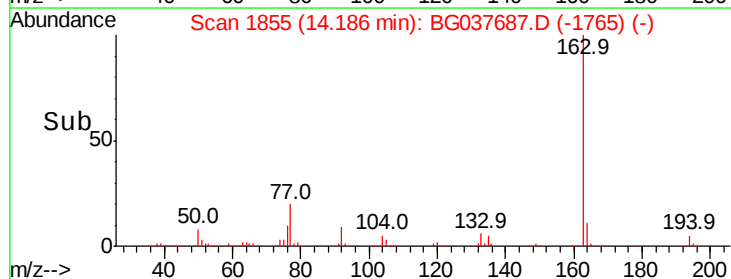
164 11.0 8.5 12.7

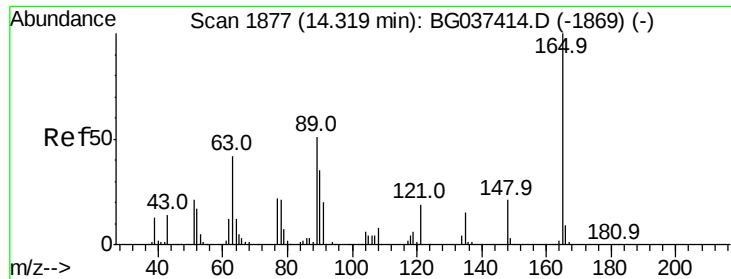


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.722 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

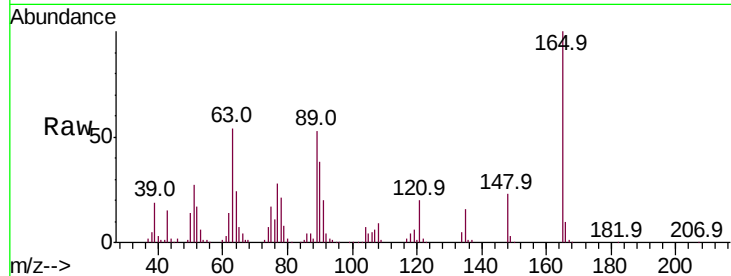
Tot Ion:165 Resp: 148320

Ion Ratio Lower Upper

165 100

63 53.9 43.4 65.2

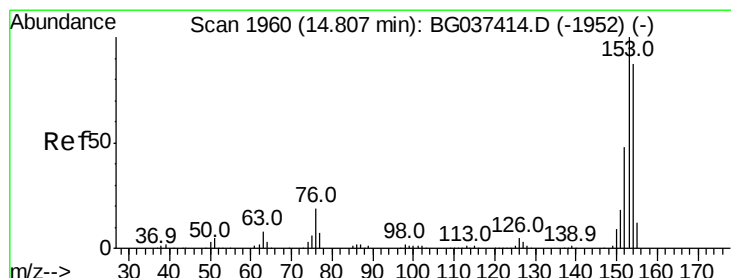
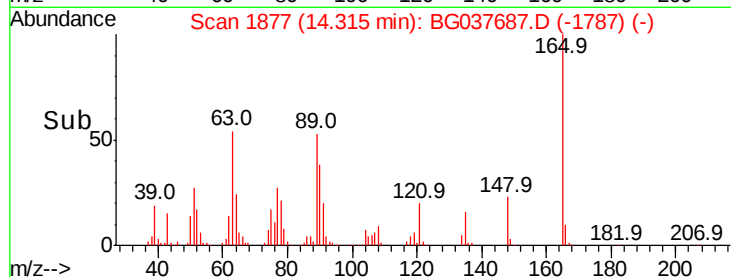
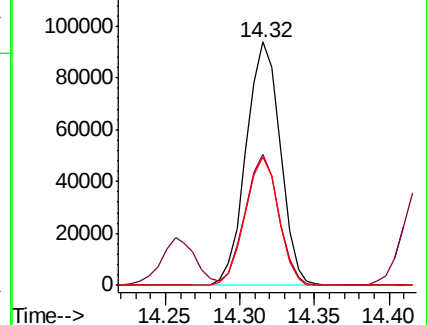
89 52.9 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.061 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

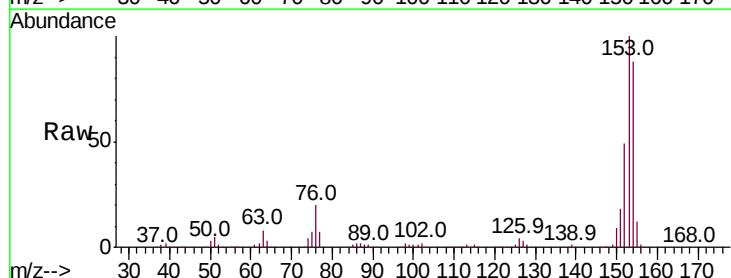
Tgt Ion:154 Resp: 485910

Ion Ratio Lower Upper

154 100

153 113.7 93.4 140.0

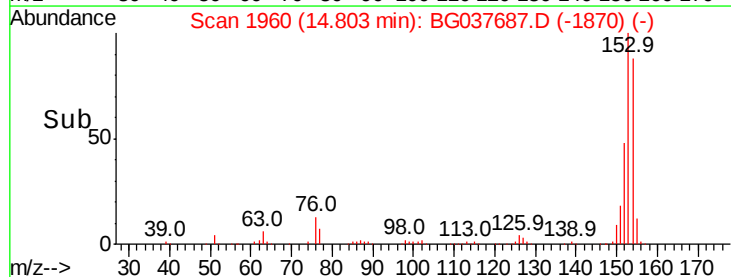
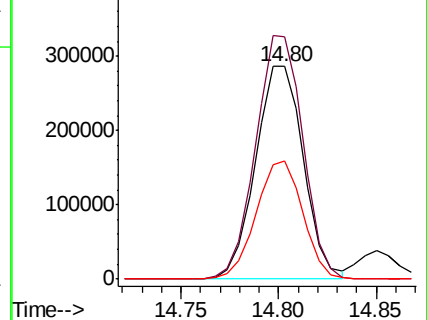
152 55.3 44.7 67.1

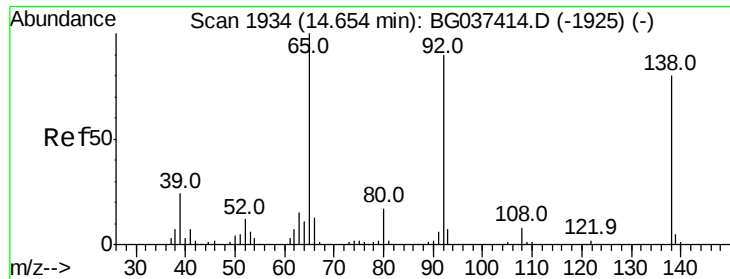


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

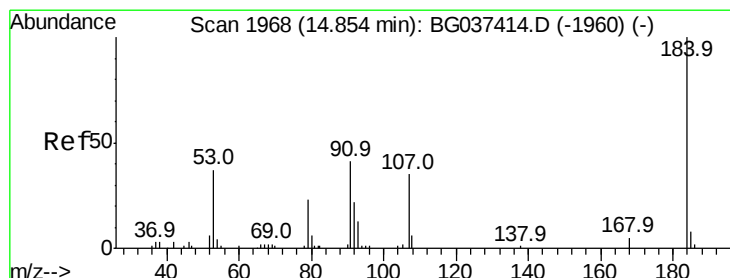
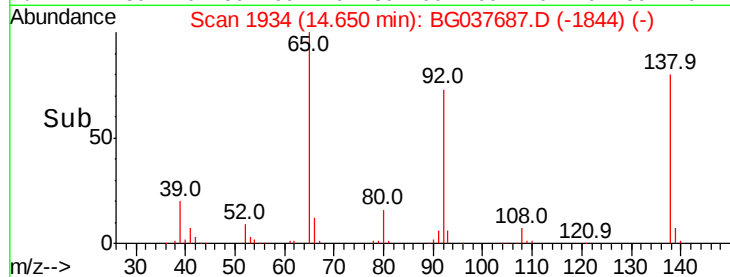
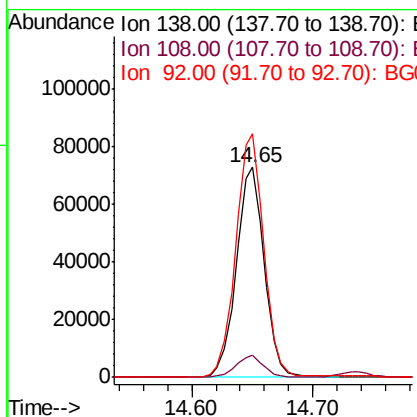
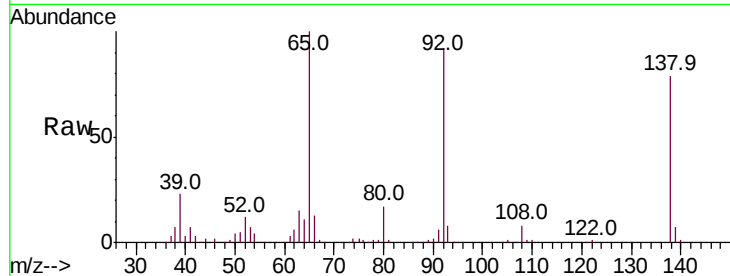




#53
 3-Nitroaniline
 Concen: 34.856 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

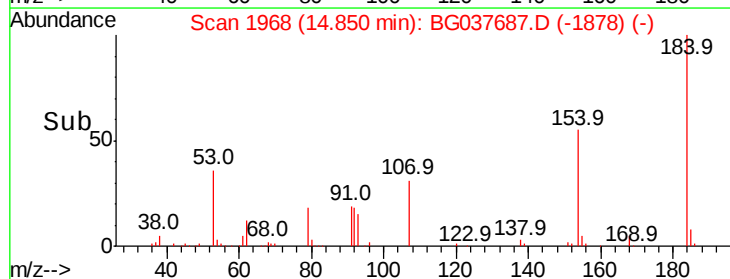
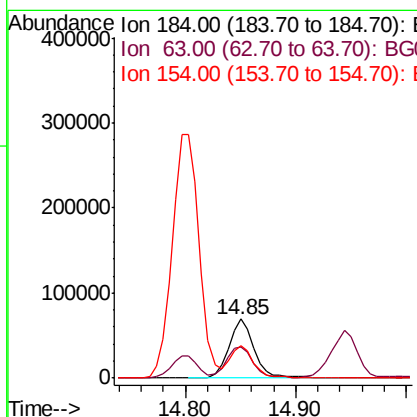
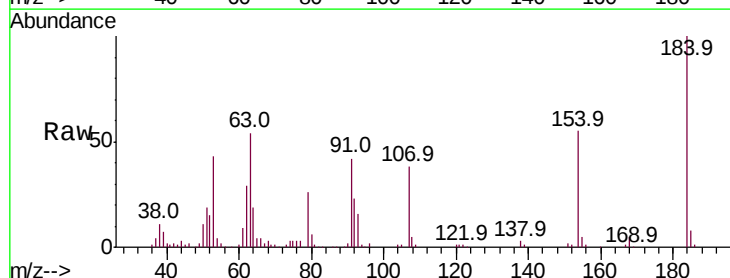
Instrument :
 BNA_G
 ClientSampleId :

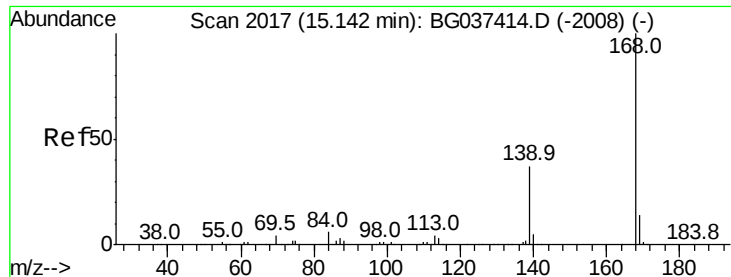
Tot Ion:138 Resp: 117797
 Ion Ratio Lower Upper
 138 100
 108 10.3 11.0 16.6#
 92 115.8 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 81.703 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion:184 Resp: 111947
 Ion Ratio Lower Upper
 184 100
 63 53.9 42.6 63.8
 154 55.0 41.8 62.6





#55

Dibenzofuran

Concen: 45.055 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

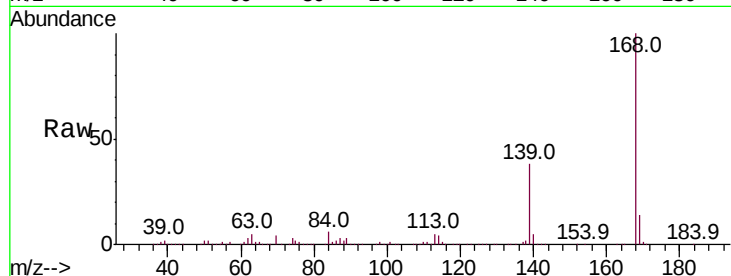
Tot Ion:168 Resp: 770746

Ion Ratio Lower Upper

168 100

139 37.8 29.4 44.0

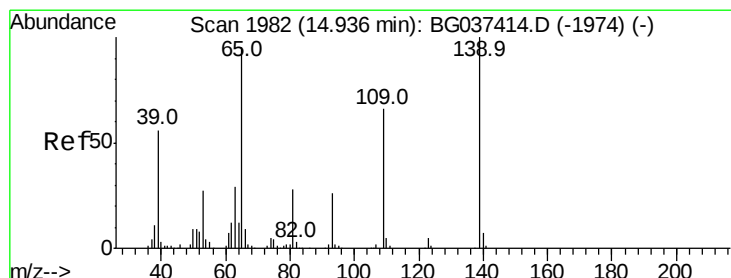
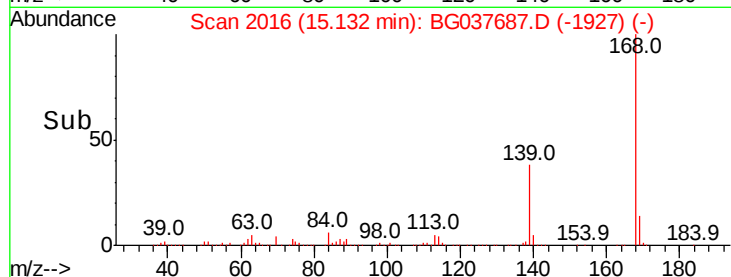
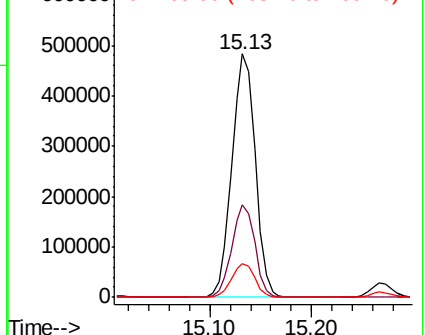
169 14.0 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 132.969 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

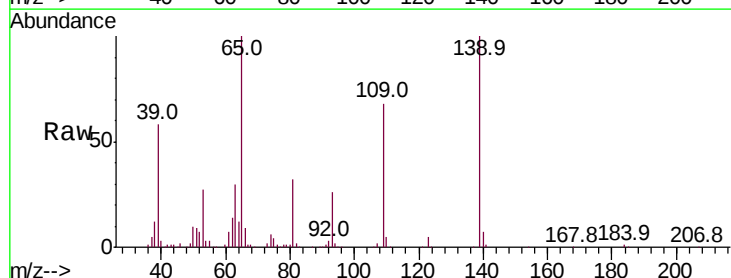
Tgt Ion:139 Resp: 332622

Ion Ratio Lower Upper

139 100

109 68.5 49.5 89.5

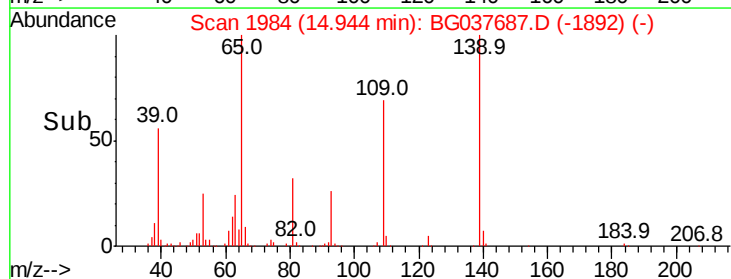
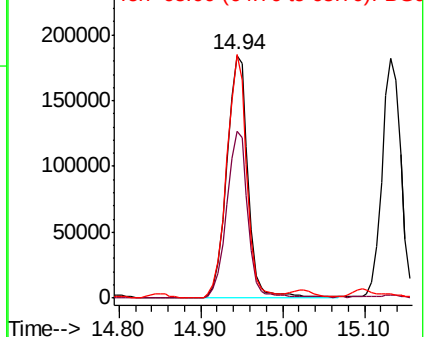
65 100.3 76.8 116.8

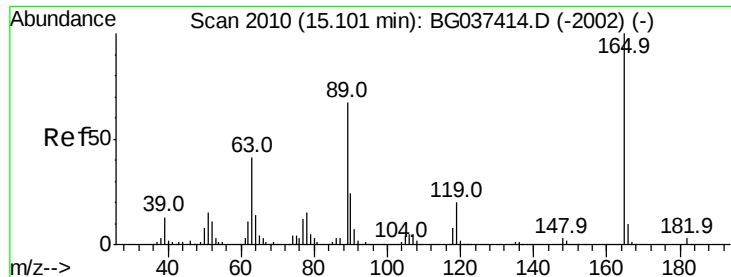


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

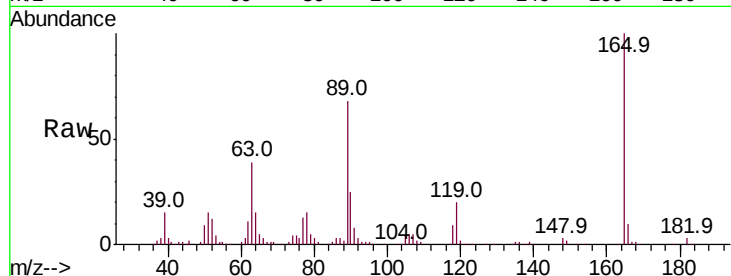




#57
2,4-Dinitrotoluene
Concen: 51.747 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	33.4	50.0
89	67.9	57.2	85.8
182	2.9	2.6	4.0



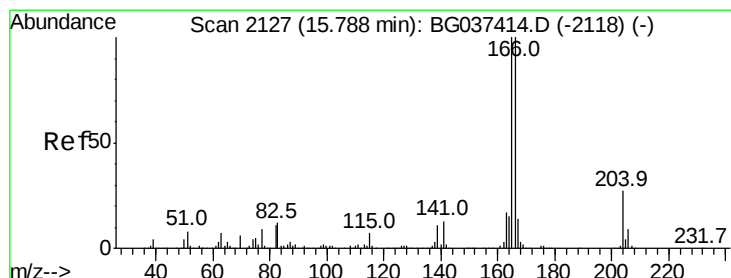
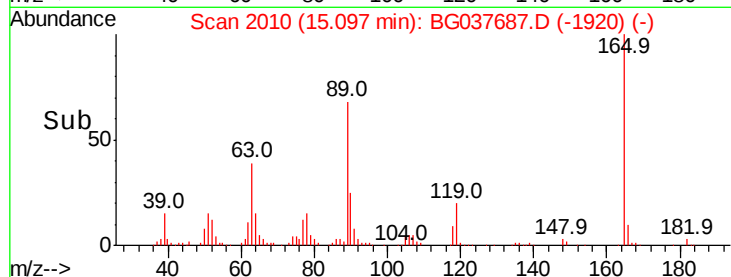
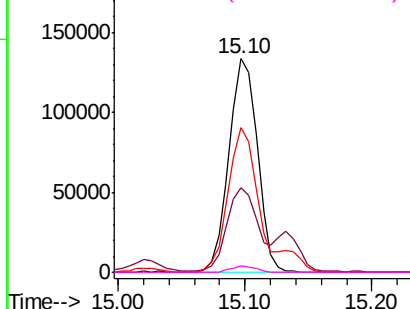
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

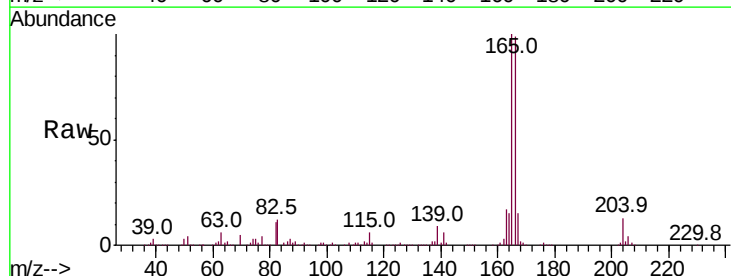
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.454 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.0	118.6
167	14.8	11.3	16.9

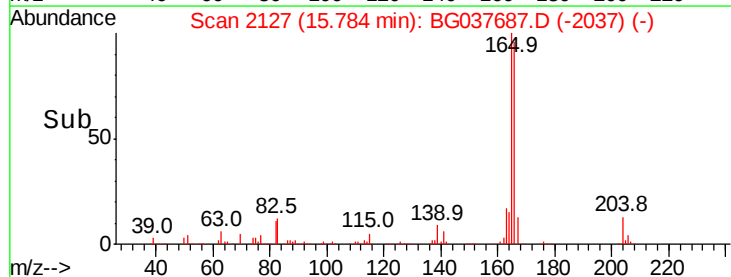
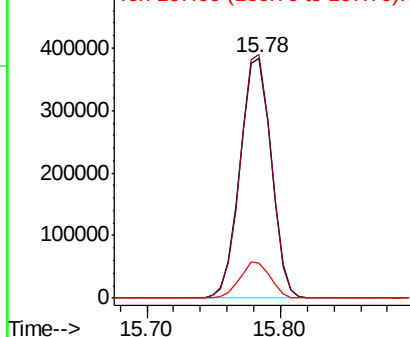


Abundance

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

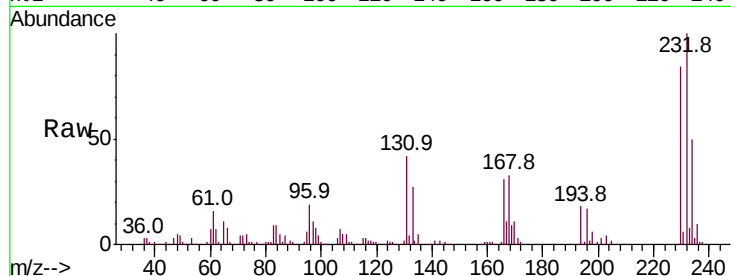




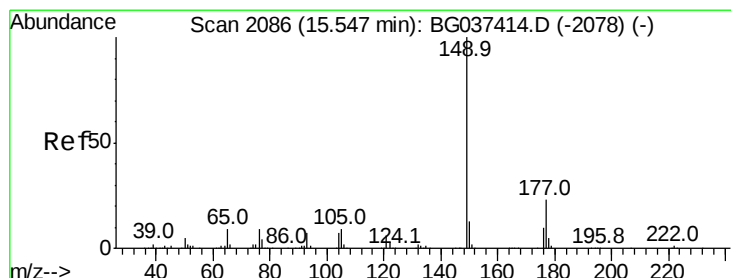
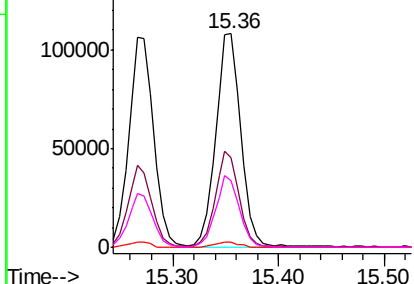
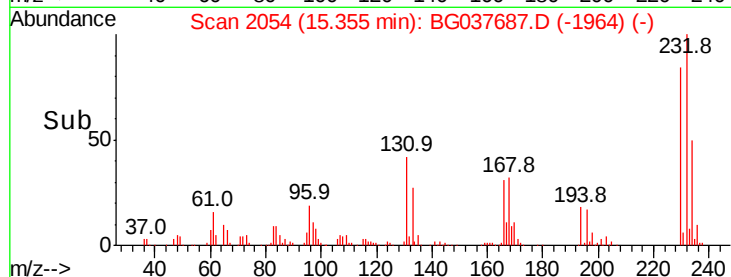
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.992 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 178637
 Ion Ratio Lower Upper
 232 100
 131 43.0 33.7 50.5
 130 2.4 2.1 3.1
 166 31.5 24.6 36.8

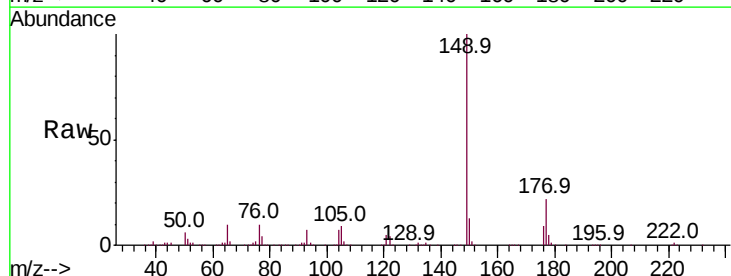


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

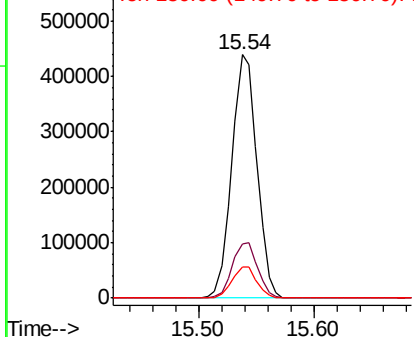
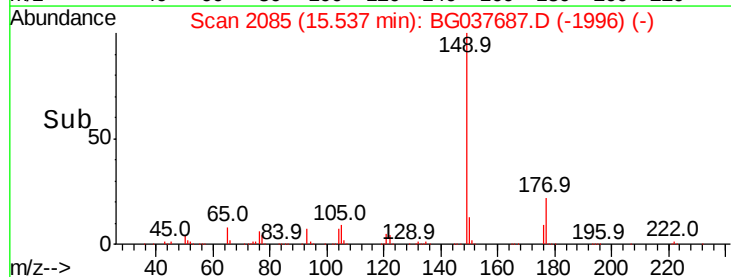


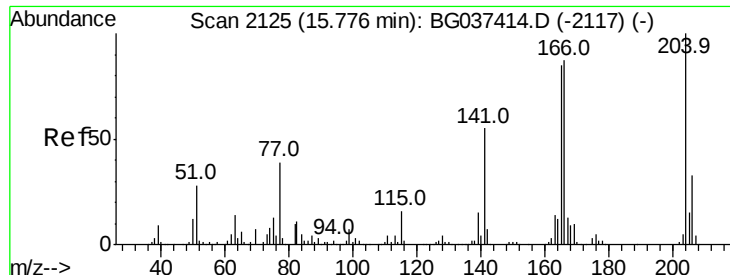
#60
 Diethylphthalate
 Concen: 46.628 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion:149 Resp: 658756
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.7 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

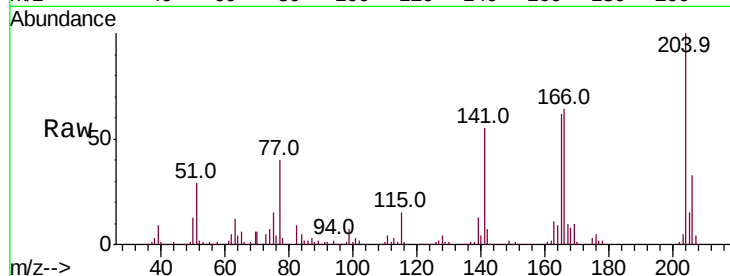




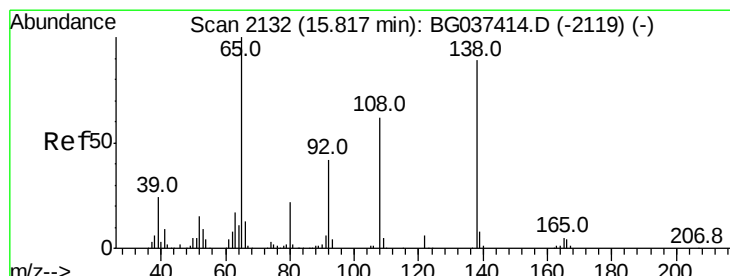
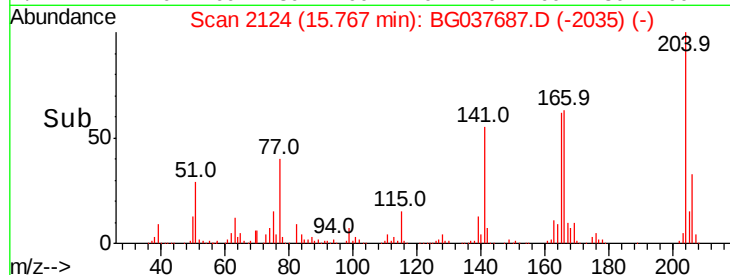
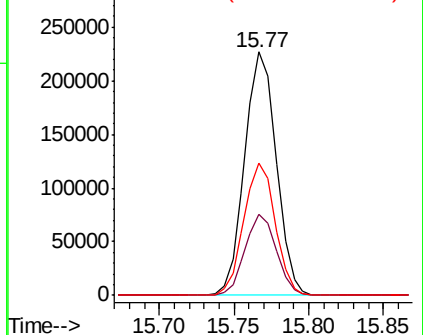
#61
4-Chlorophenyl-phenylether
Concen: 44.465 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 332010
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 54.5 45.4 68.2

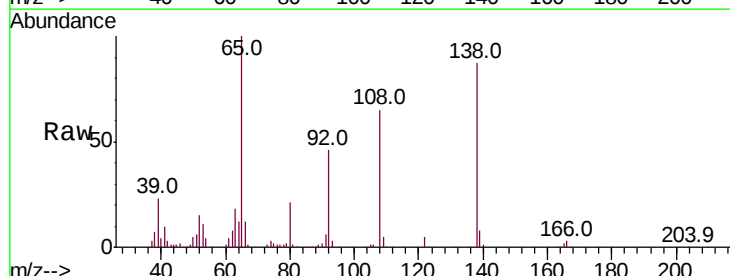


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

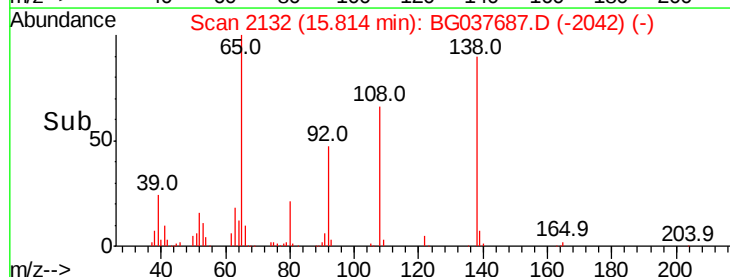
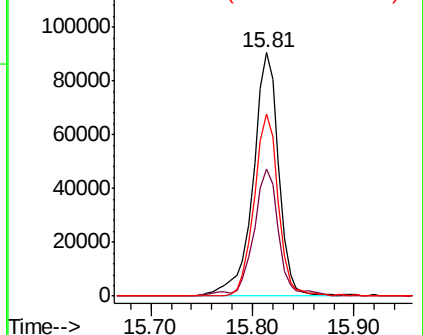


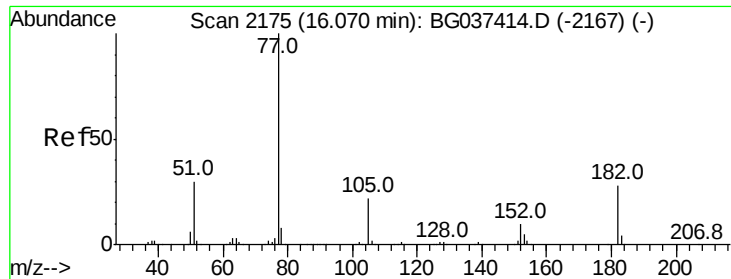
#62
4-Nitroaniline
Concen: 47.117 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion:138 Resp: 158225
Ion Ratio Lower Upper
138 100
92 52.3 36.4 76.4
108 74.6 60.1 100.1



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





#63

Azobenzene

Concen: 46.032 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 620498

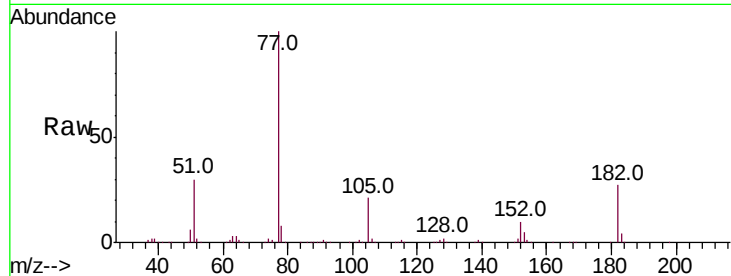
Ion Ratio Lower Upper

77 100

182 27.3 8.0 48.0

105 21.0 1.3 41.3

51 29.7 10.7 50.7

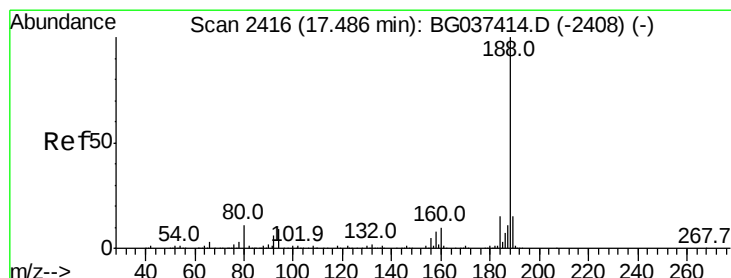
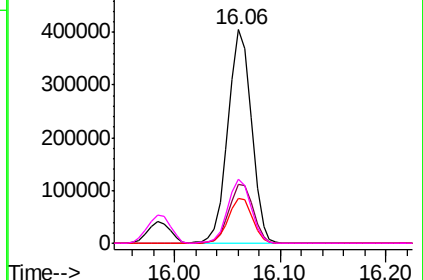
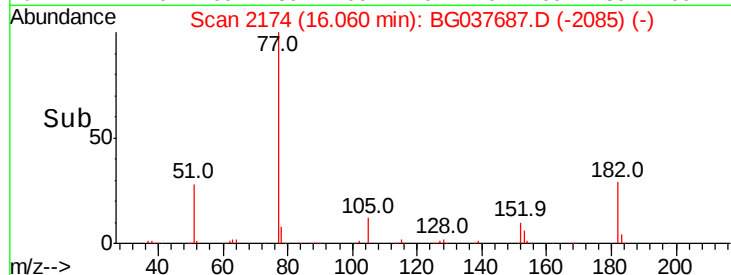


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG037687.D

Acq: 31 Oct 2018 16:58

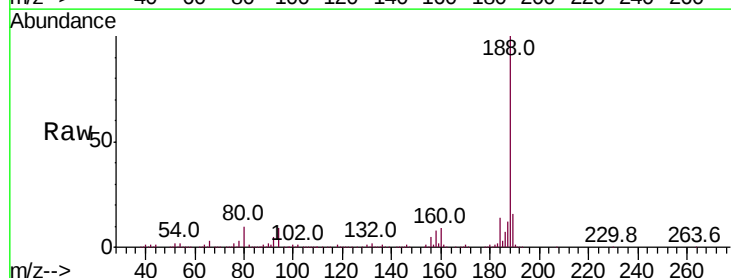
Tgt Ion: 188 Resp: 408986

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

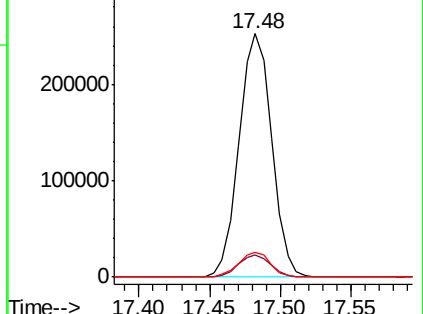
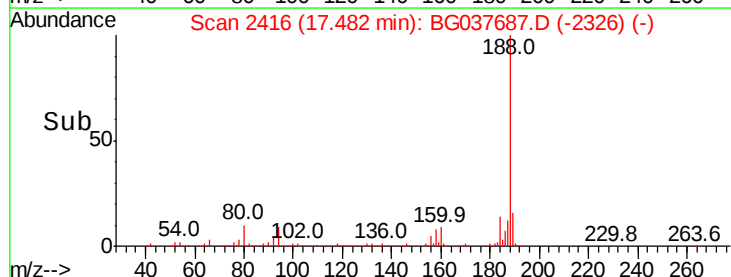
80 10.3 7.7 11.5

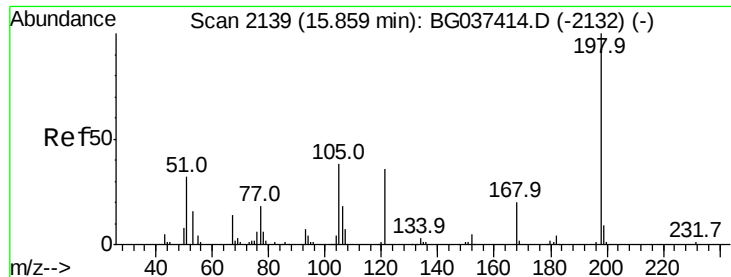


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

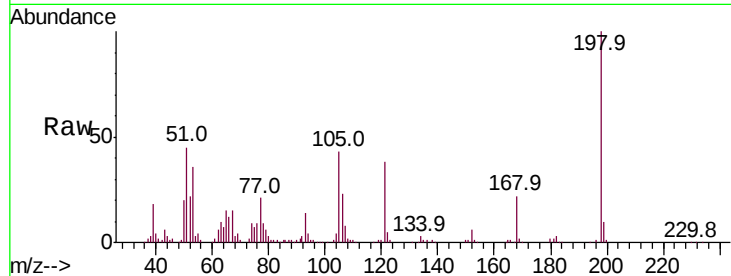




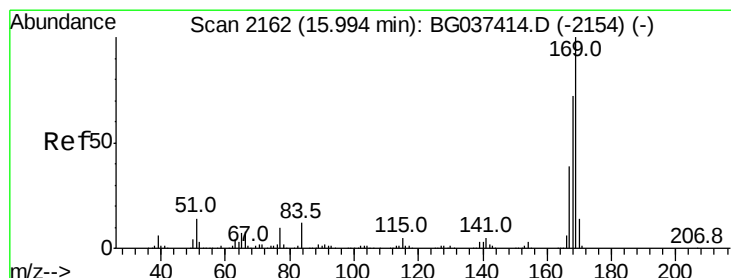
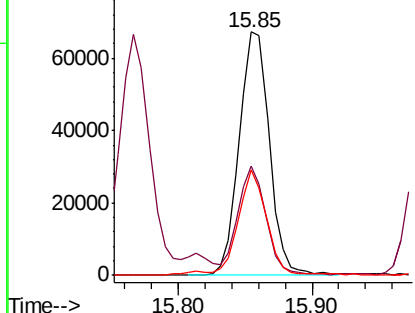
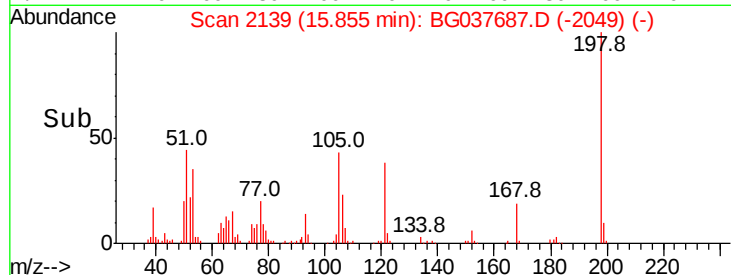
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.918 ng
 RT: 15.85 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 105412
 Ion Ratio Lower Upper
 198 100
 51 44.7 22.7 62.7
 105 43.0 19.7 59.7

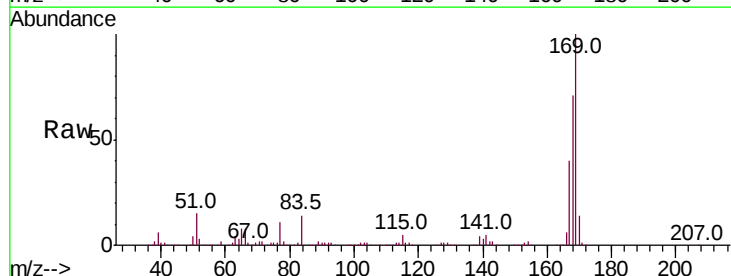


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

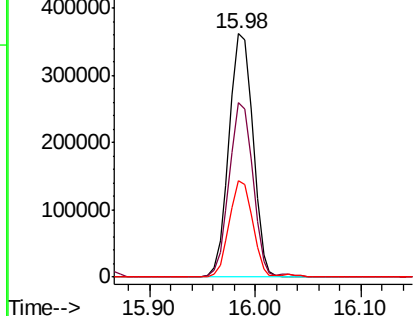
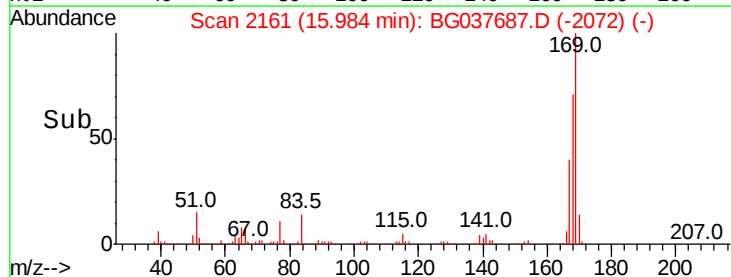


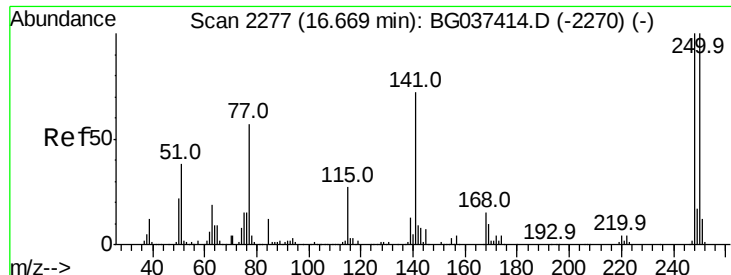
#66
 n-Nitrosodiphenylamine
 Concen: 46.169 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion:169 Resp: 567983
 Ion Ratio Lower Upper
 169 100
 168 71.5 55.7 83.5
 167 39.6 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

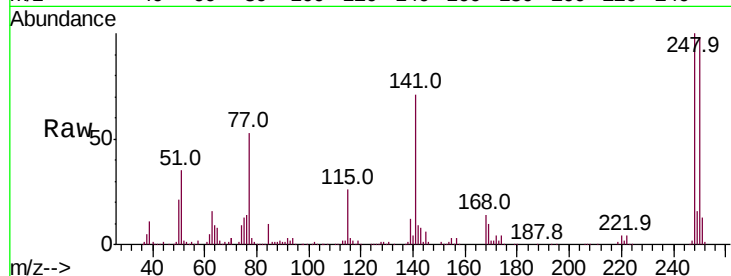




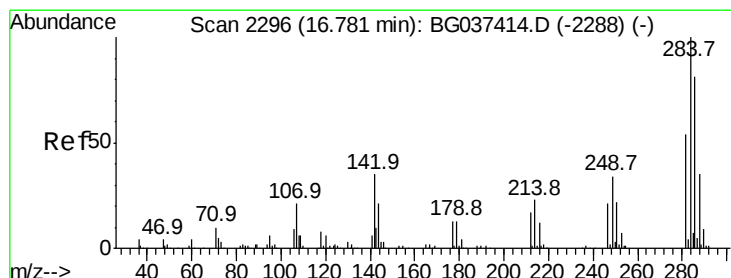
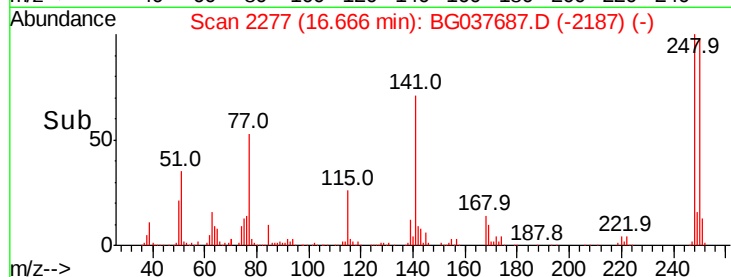
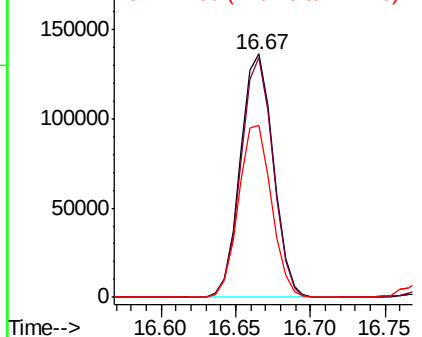
#67
 4-Bromophenyl-phenylether
 Concen: 46.426 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 208513
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.0 115.6
 141 70.7 55.5 83.3

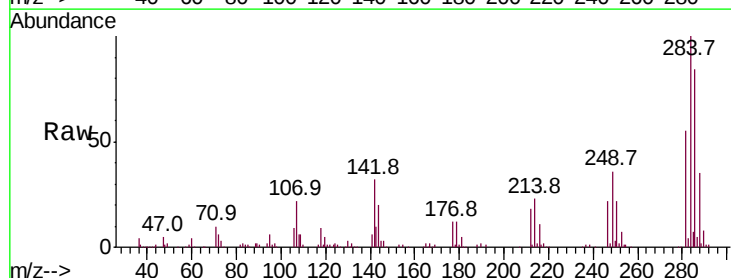


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

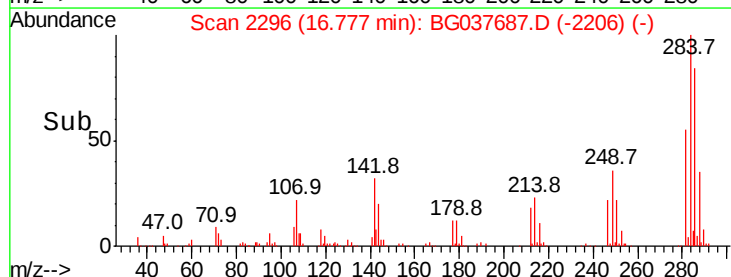
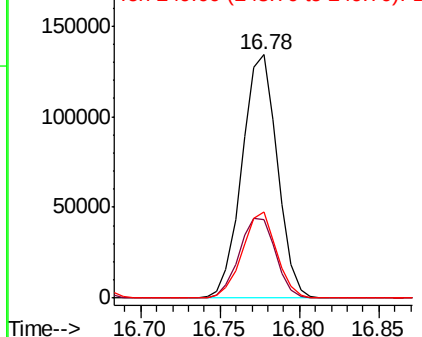


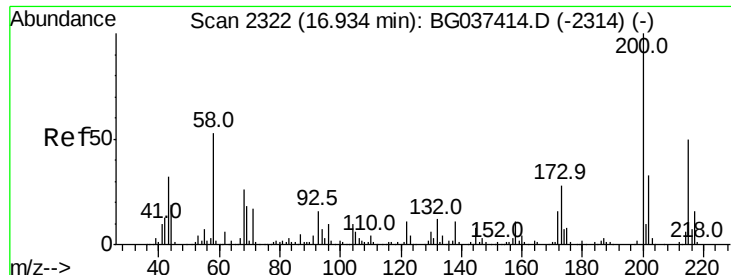
#68
 Hexachlorobenzene
 Concen: 44.544 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion:284 Resp: 207347
 Ion Ratio Lower Upper
 284 100
 142 32.3 28.1 42.1
 249 38.3 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

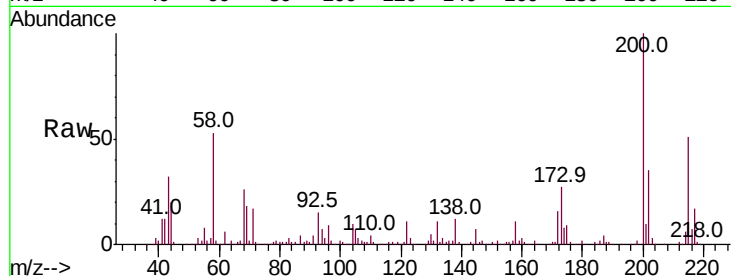




#69
 Atrazine
 Concen: 46.373 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.1	46.1
215	51.2	30.8	70.8

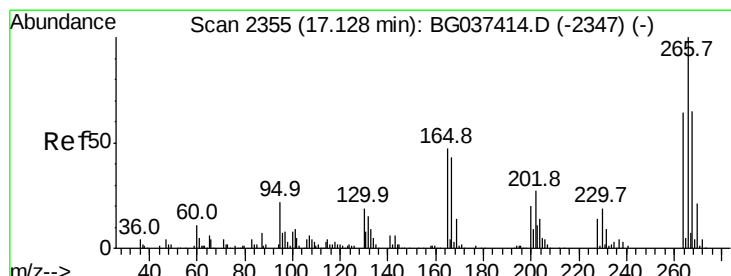
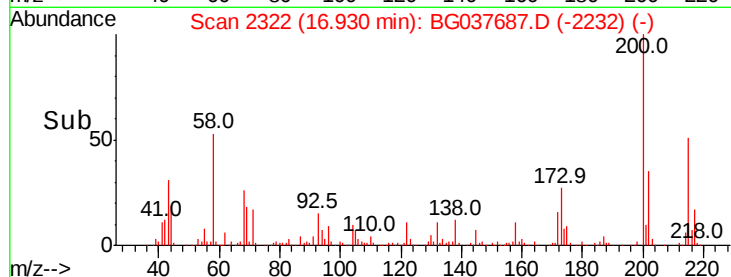
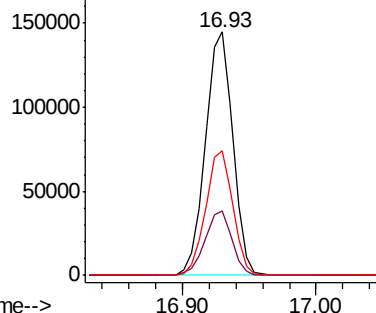


Abundance

Ion 200.00 (199.70 to 200.70): E

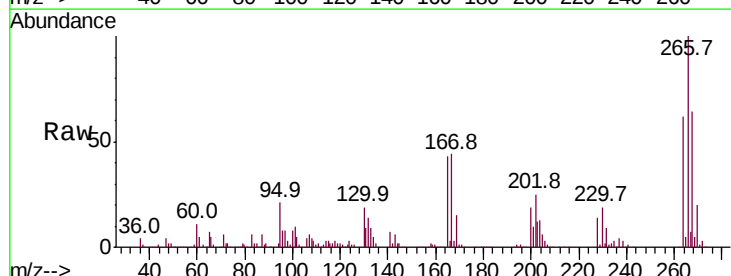
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 80.133 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.0	55.0	82.6
264	67.0	58.9	88.3

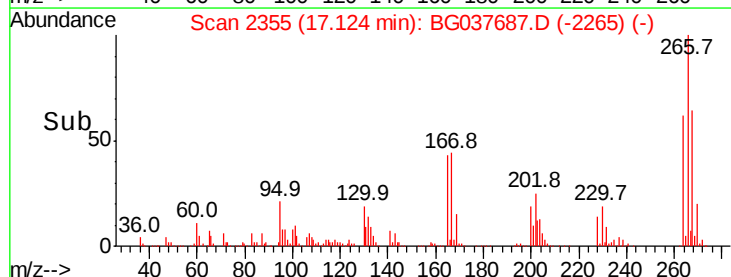
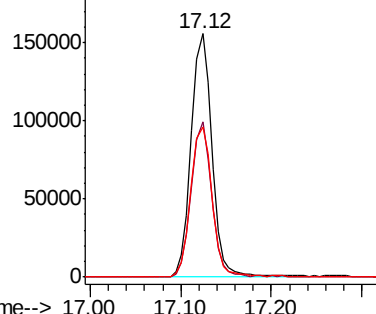


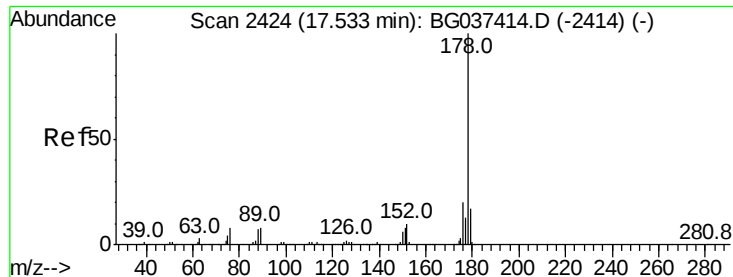
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

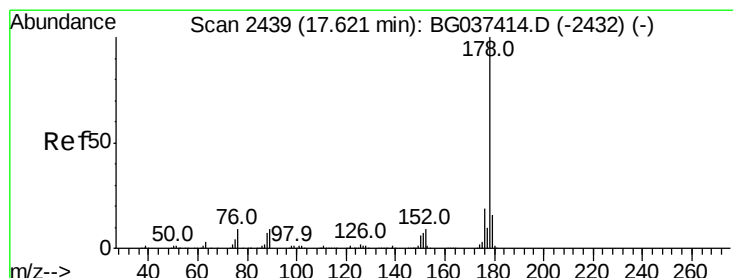
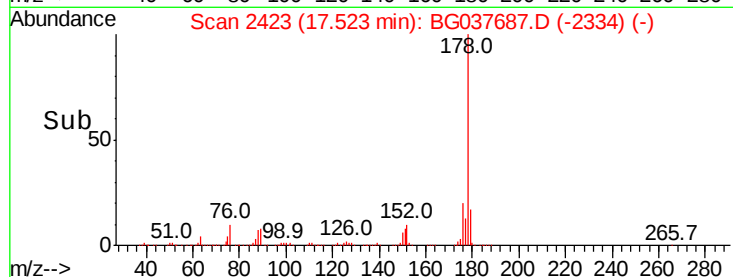
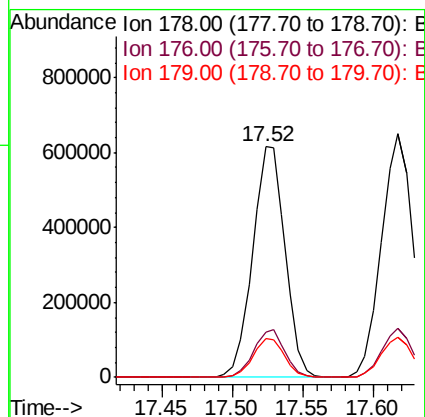
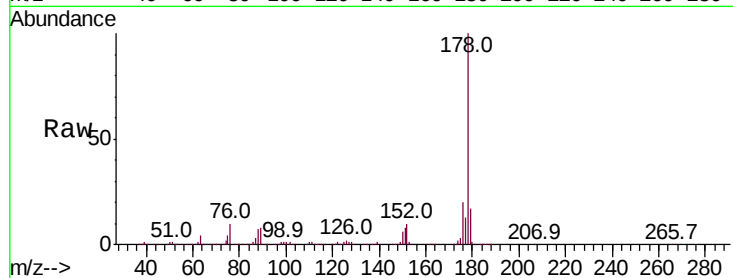




#71
Phenanthrene
Concen: 47.726 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

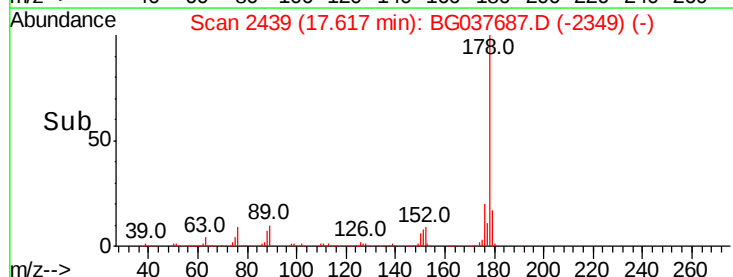
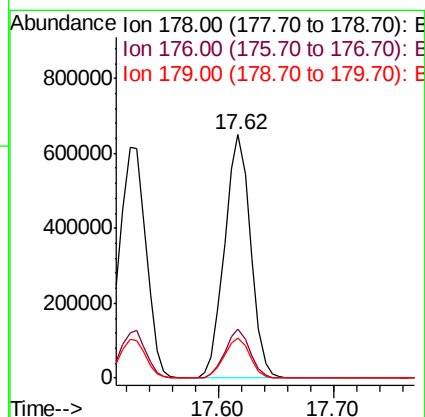
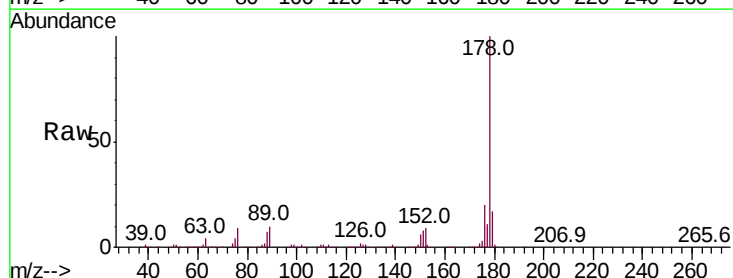
Instrument :
BNA_G
ClientSampleId :

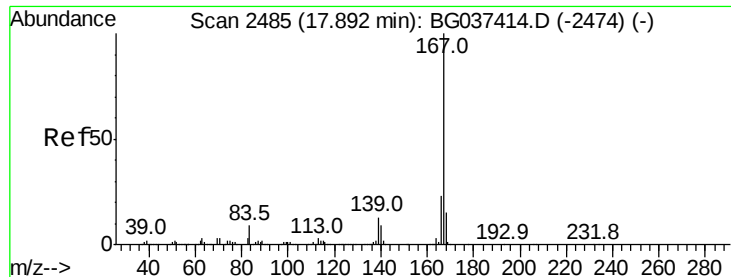
Tot Ion:178 Resp: 992024
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.8 13.0 19.4



#72
Anthracene
Concen: 49.584 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion:178 Resp: 1011449
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.4
179 16.5 12.8 19.2

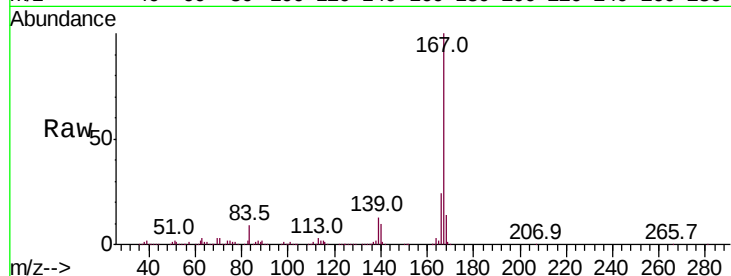




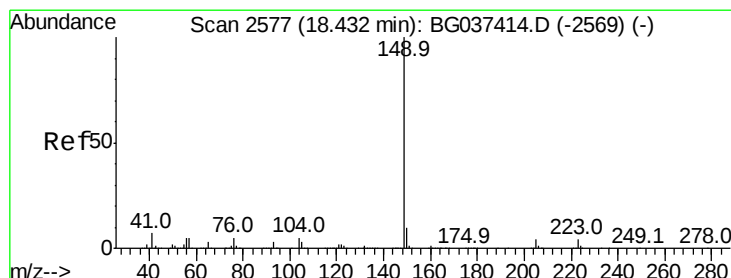
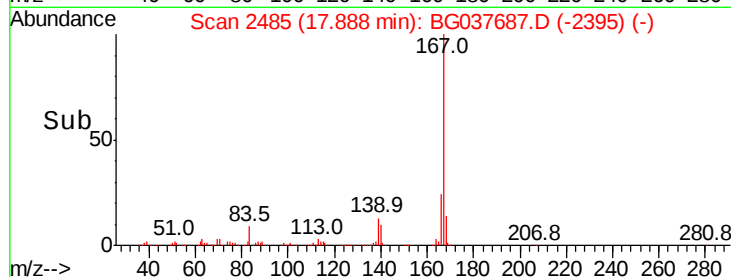
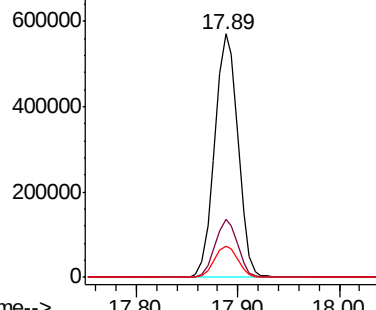
#73
 Carbazole
 Concen: 44.733 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	12.9	10.5	15.7

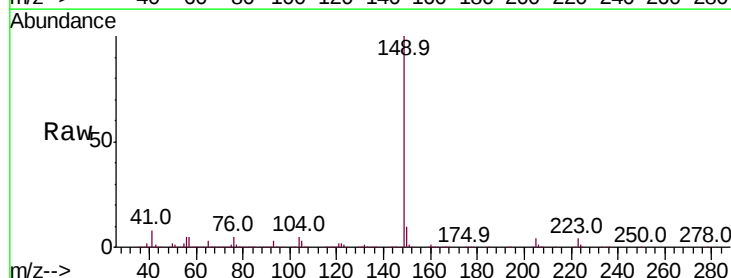


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

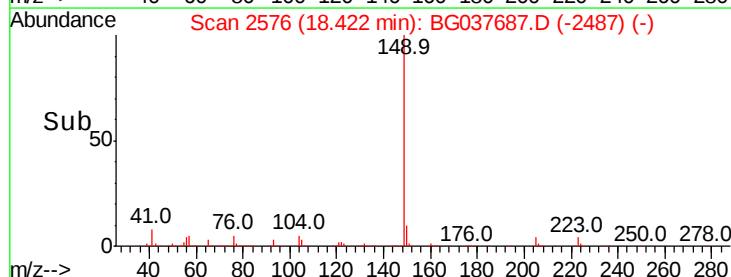
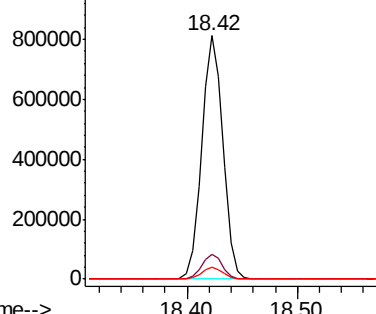


#74
 Di-n-butylphthalate
 Concen: 48.115 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.732 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

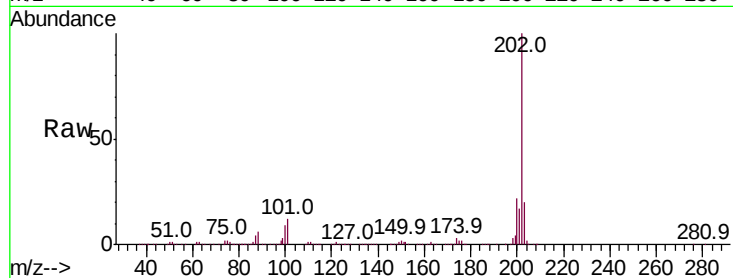
Tot Ion:202 Resp: 1125289

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.7

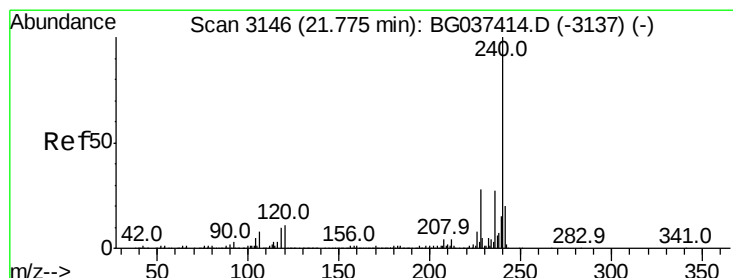
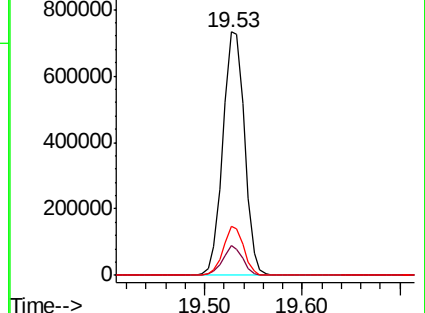
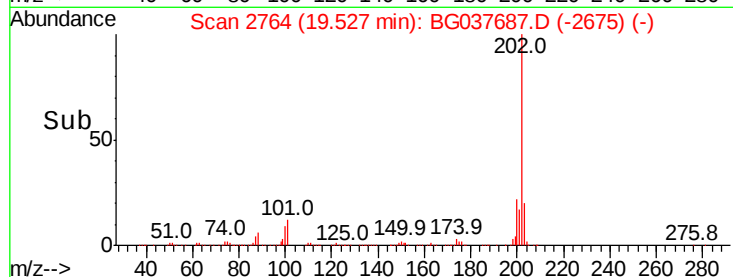
203 20.2 0.0 38.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

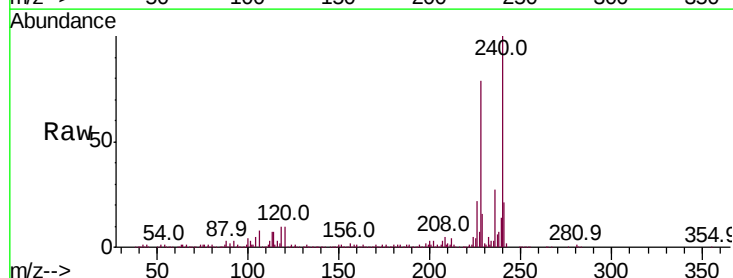
Tgt Ion:240 Resp: 356834

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

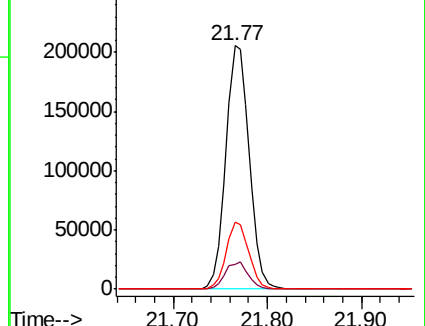
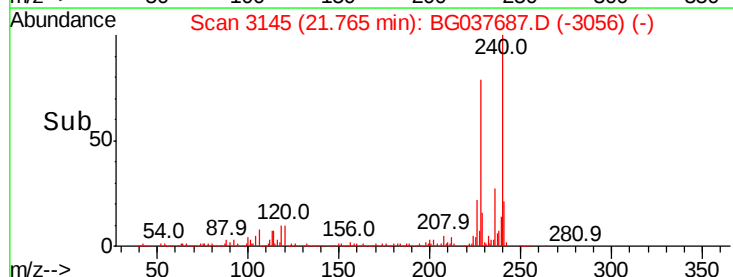
236 27.4 21.4 32.0



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: 39.374 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

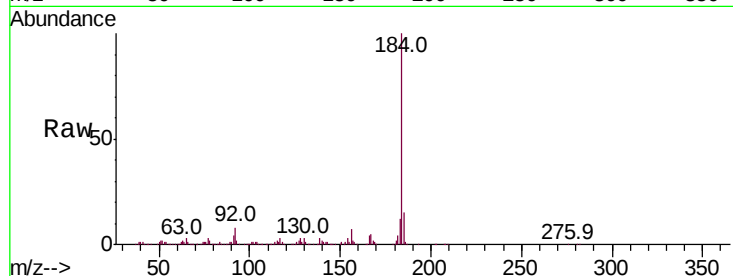
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 477732

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.4	10.2	15.2

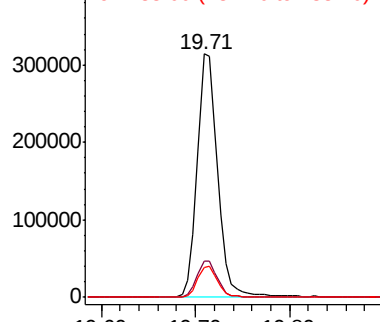


Abundance

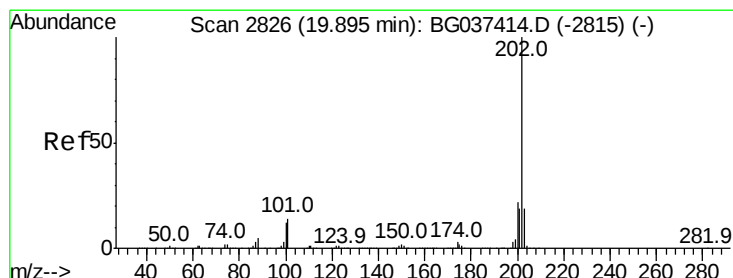
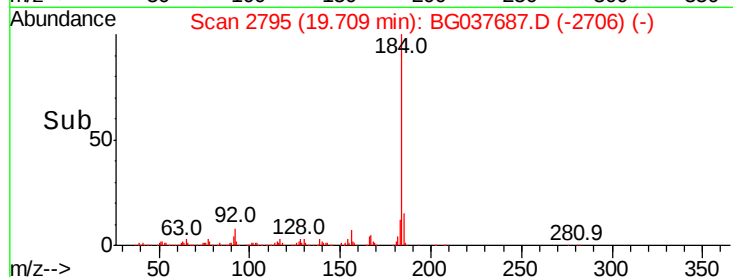
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 47.642 ng

RT: 19.89 min Scan# 2826

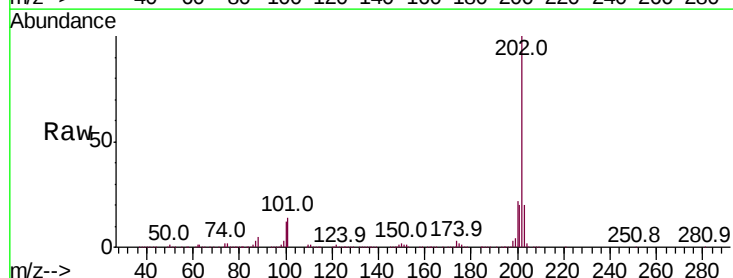
Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Tgt Ion:202 Resp: 1111328

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	19.8	15.2	22.8

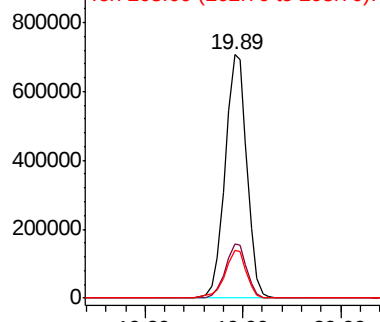


Abundance

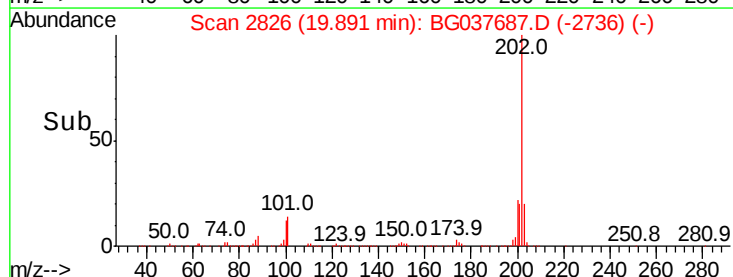
Ion 202.00 (201.70 to 202.70): E

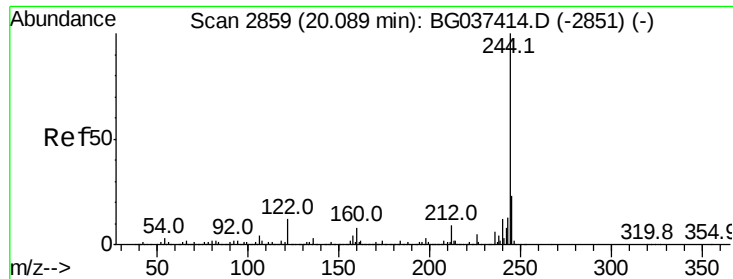
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 88.031 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampled :

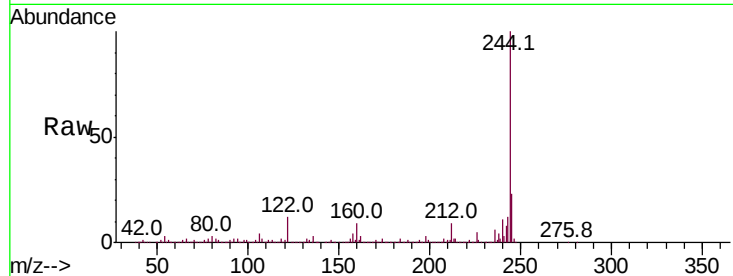
Tot Ion:244 Resp: 1470092

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

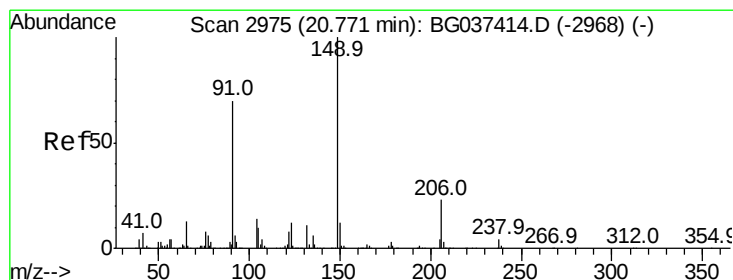
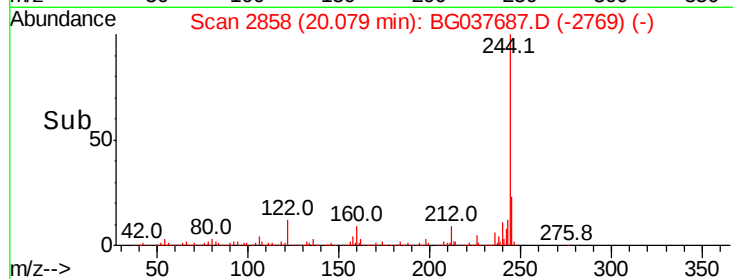
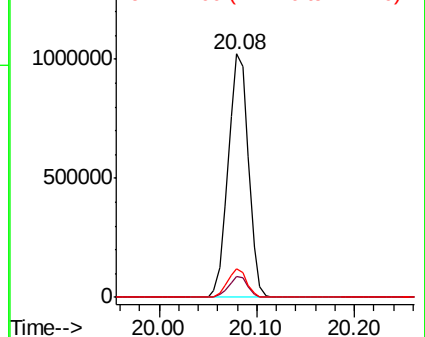
122 11.6 9.0 13.4



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: 51.362 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

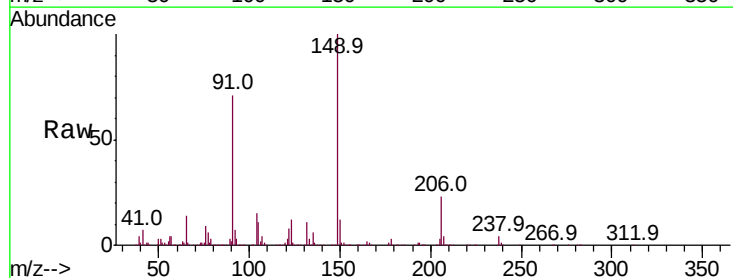
Tgt Ion:149 Resp: 490336

Ion Ratio Lower Upper

149 100

91 71.3 57.0 85.4

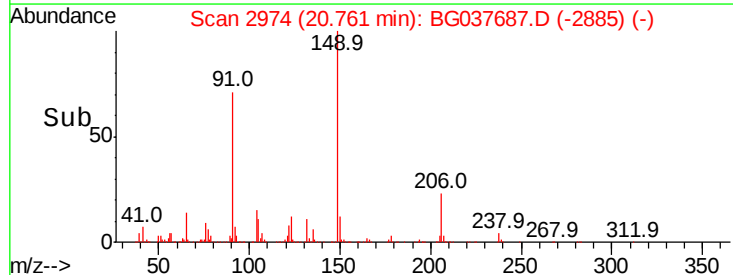
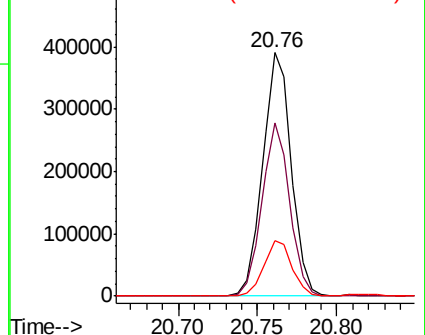
206 22.6 17.8 26.6

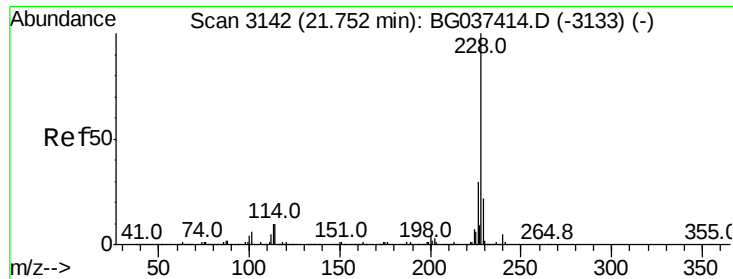


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.432 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

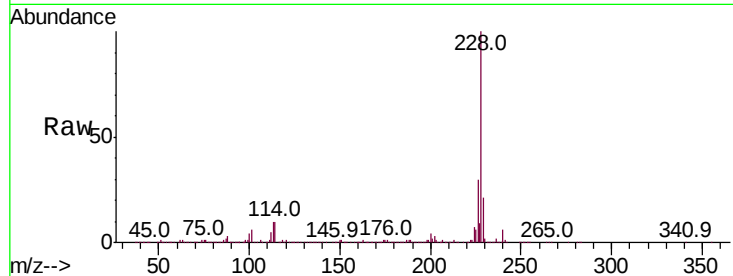
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1043323

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.1	16.3	24.5

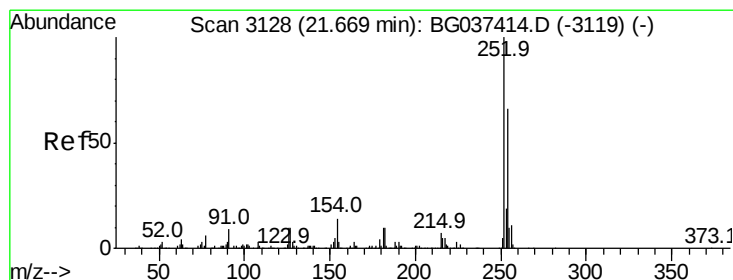
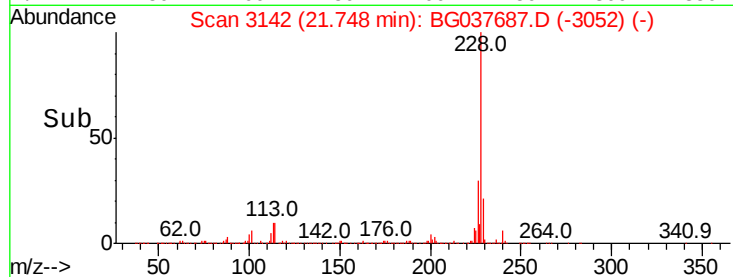
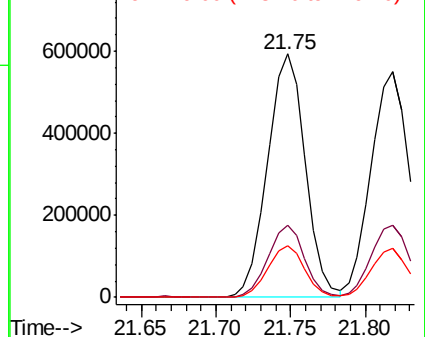


Abundance

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: 31.923 ng

RT: 21.67 min Scan# 3128

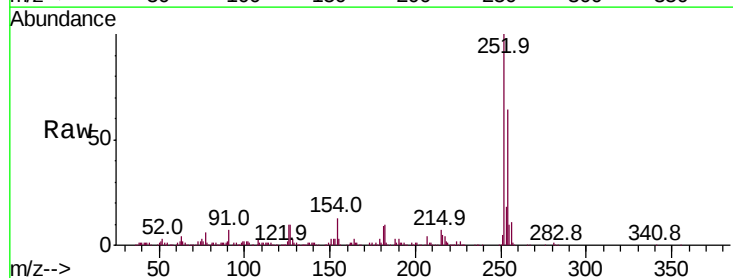
Delta R.T. -0.00 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Tgt Ion:252 Resp: 261161

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	9.9	8.2	12.4

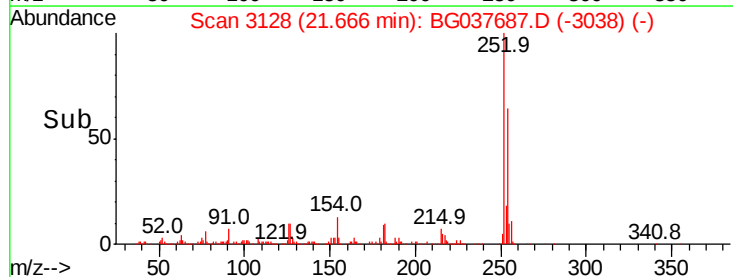
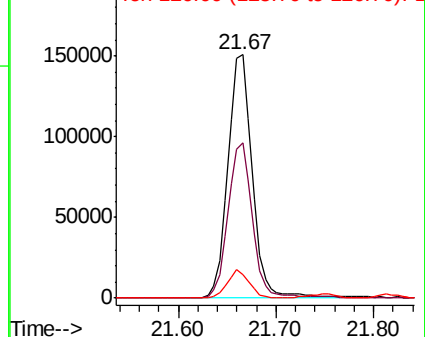


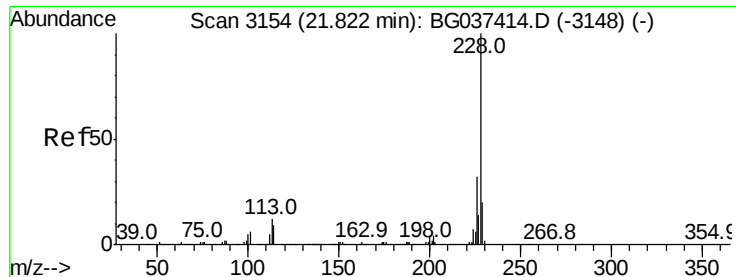
Abundance

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

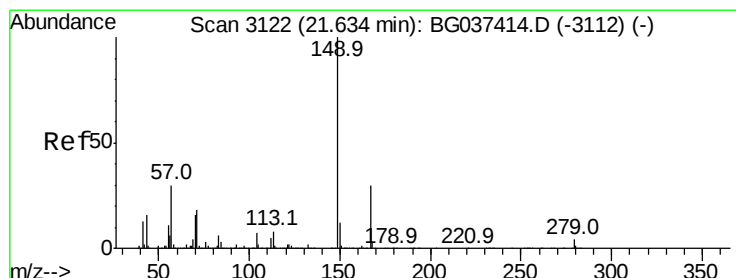
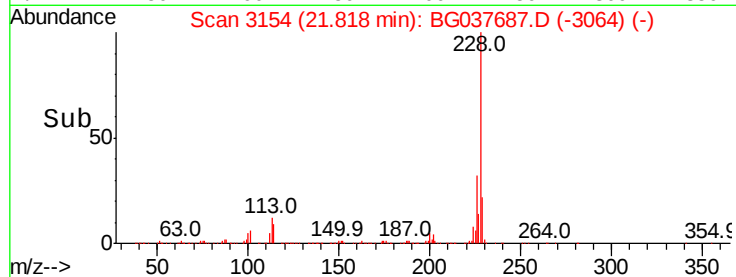
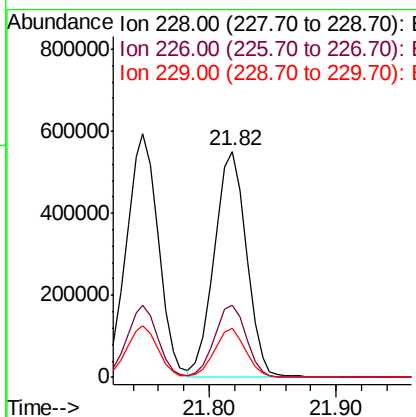
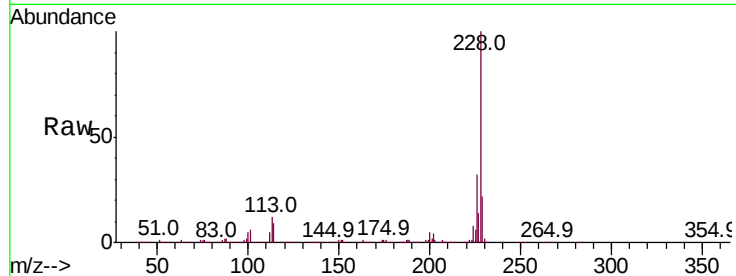




#83
 Chrysene
 Concen: 47.693 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

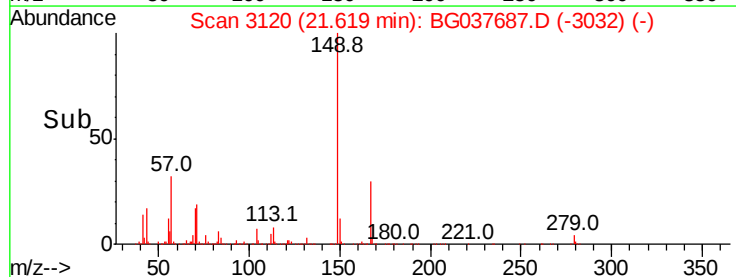
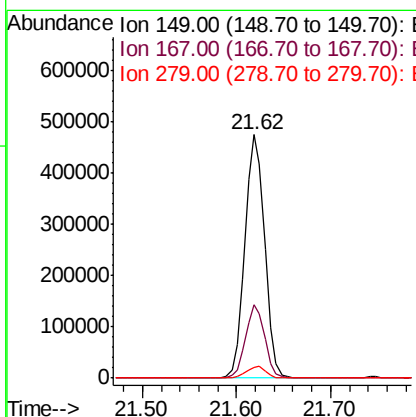
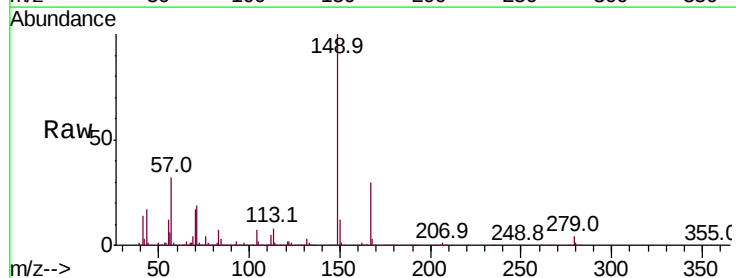
Instrument :
 BNA_G
 ClientSampleId :

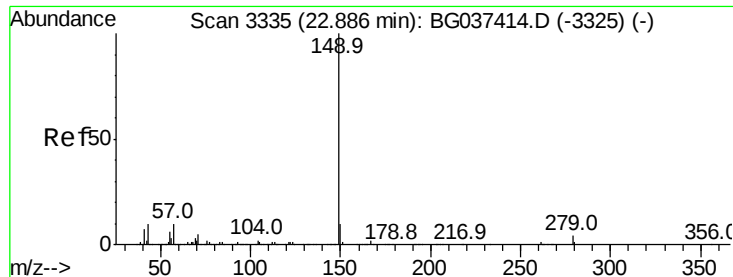
Tot Ion:228 Resp: 967941
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.7 38.5
 229 21.6 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.483 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG037687.D
 Acq: 31 Oct 2018 16:58

Tgt Ion:149 Resp: 688929
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.0 34.4
 279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.970 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

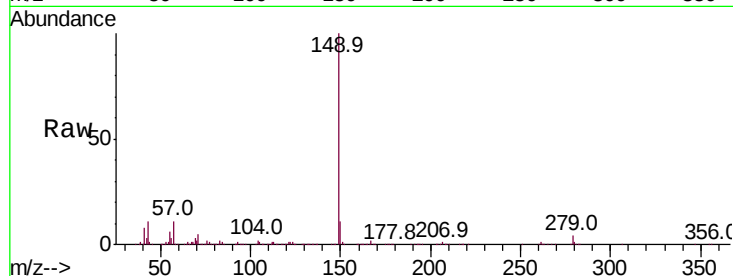
Tot Ion:149 Resp: 1155859

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

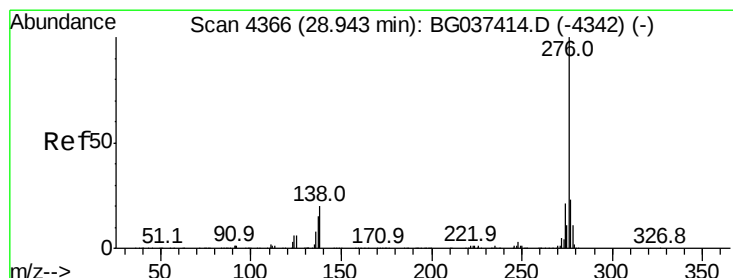
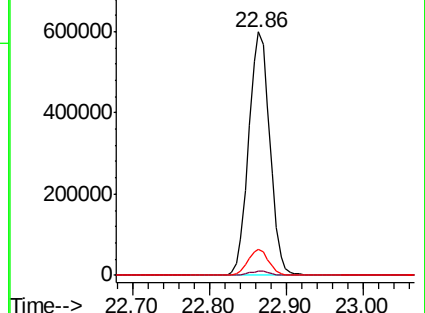
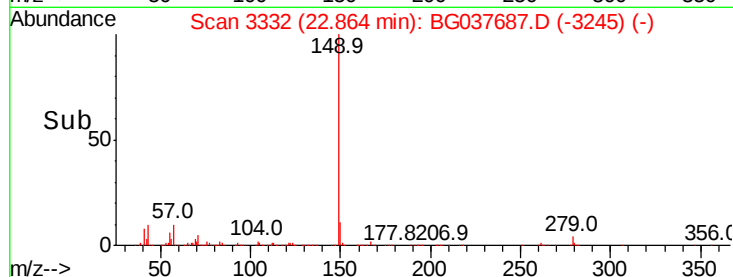
43 10.2 8.7 13.1



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): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.986 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

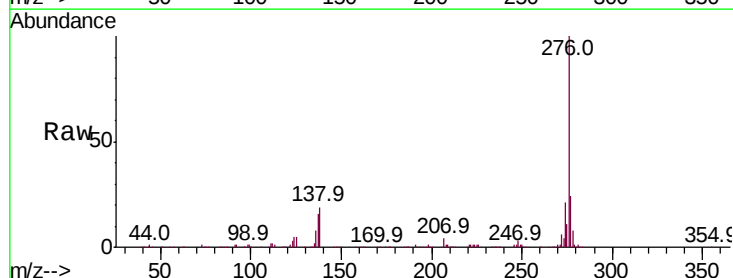
Tgt Ion:276 Resp: 1066323

Ion Ratio Lower Upper

276 100

138 9.2 12.0 18.0#

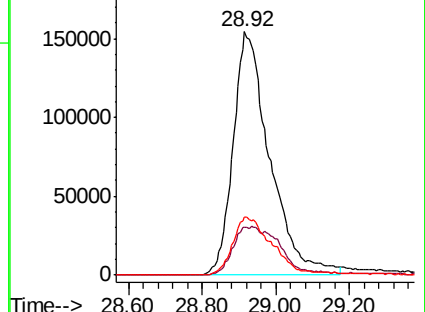
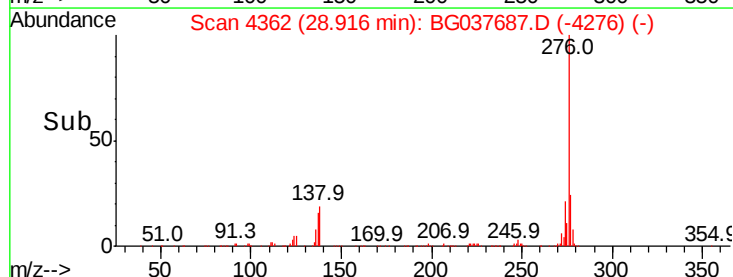
277 24.9 20.6 30.8

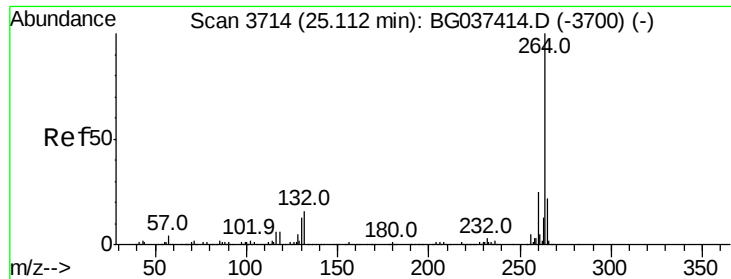


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG037687.D

Acq: 31 Oct 2018 16:58

Instrument :

BNA_G

ClientSampleId :

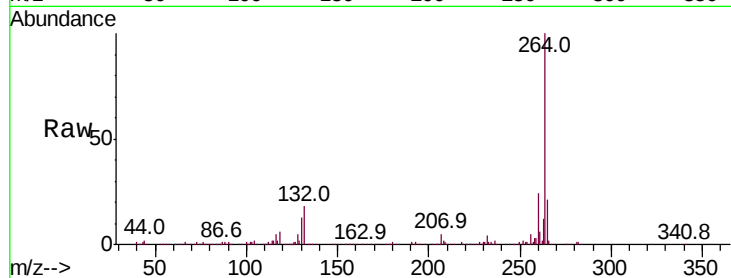
Tot Ion:264 Resp: 373850

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

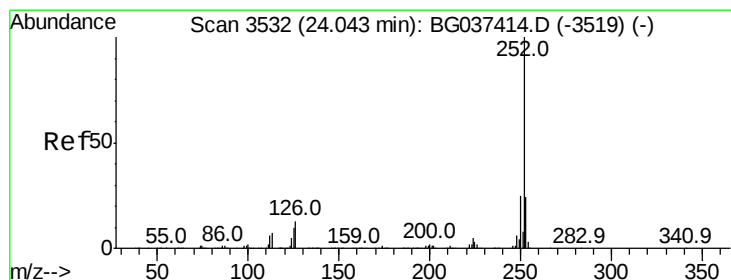
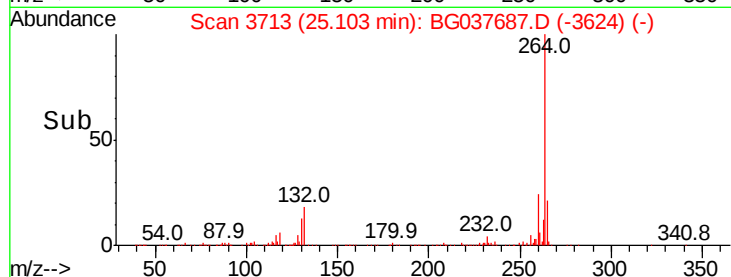
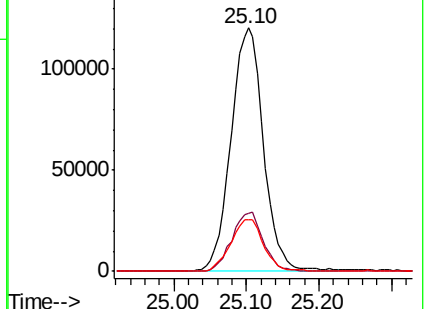
265 21.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.527 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

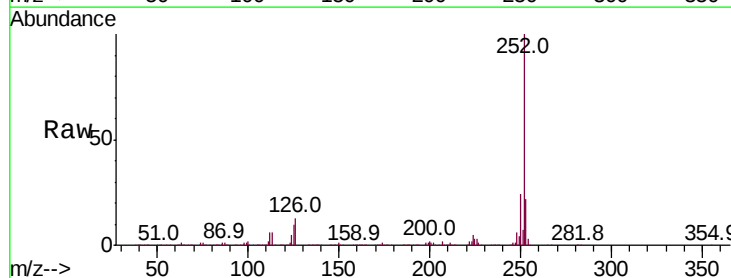
Tgt Ion:252 Resp: 1015099

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

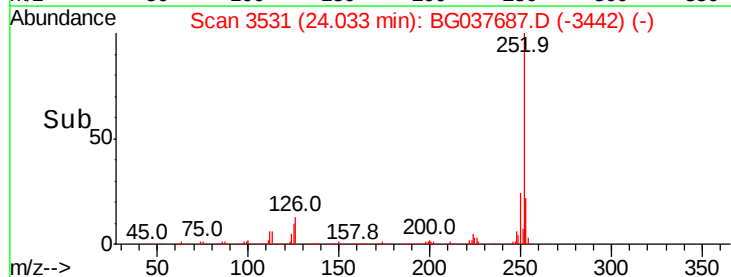
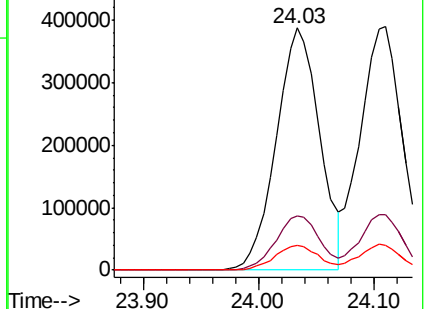
125 10.3 7.8 11.6

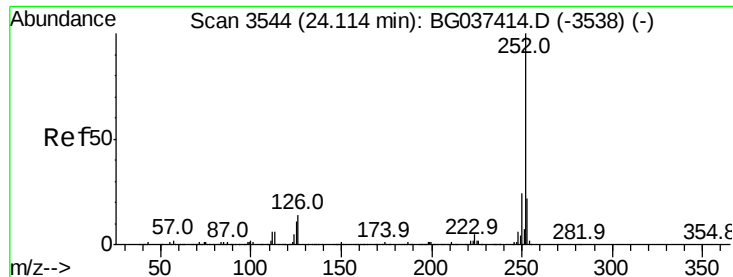


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

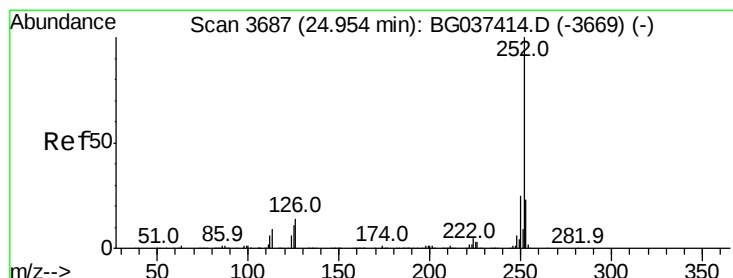
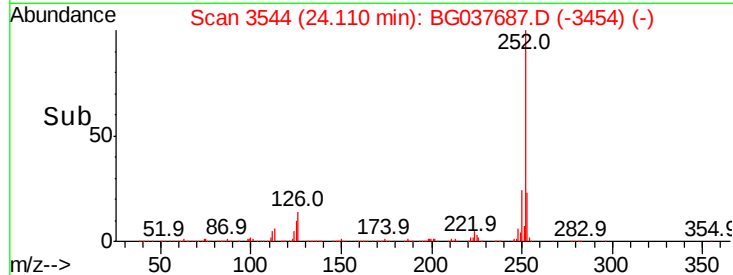
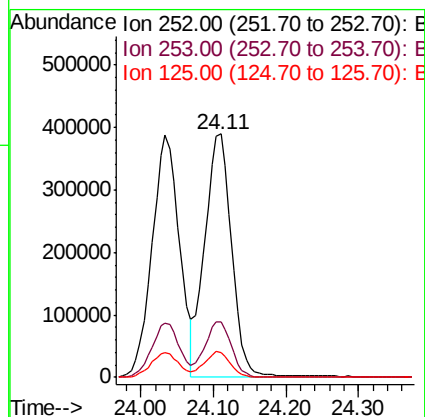
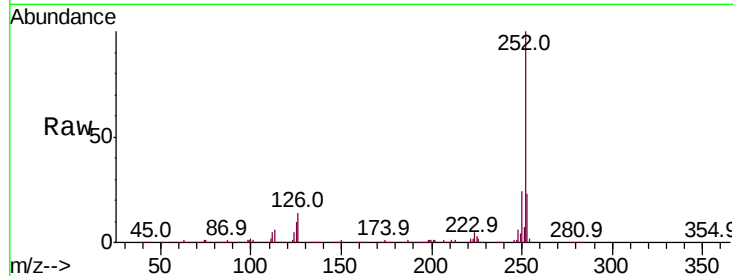




#89
Benzo(k)fluoranthene
Concen: 49.646 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

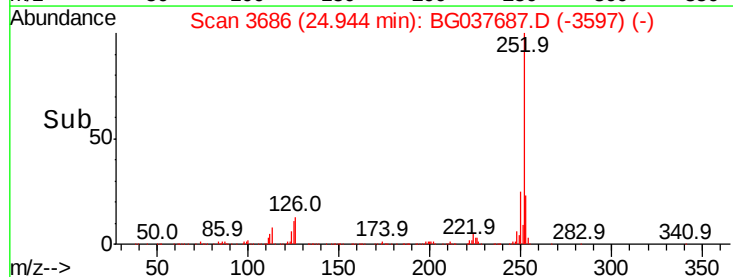
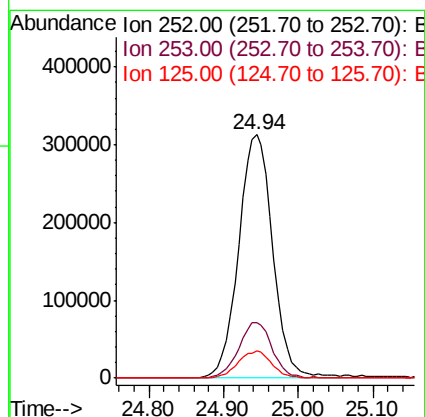
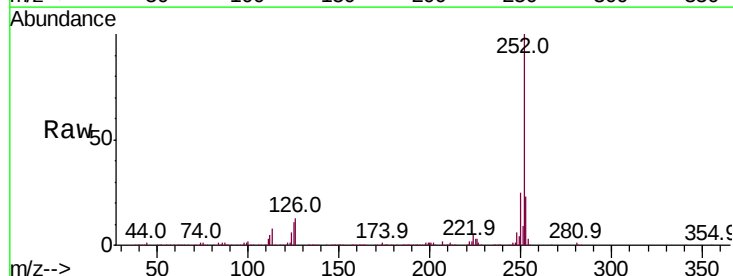
Instrument :
BNA_G
ClientSampleId :

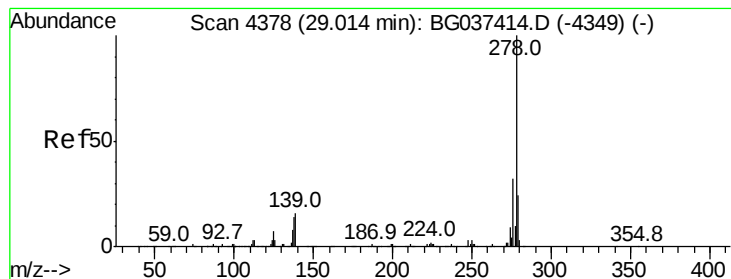
Tot Ion:252 Resp: 996904
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.598 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037687.D
Acq: 31 Oct 2018 16:58

Tgt Ion:252 Resp: 985435
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.697 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

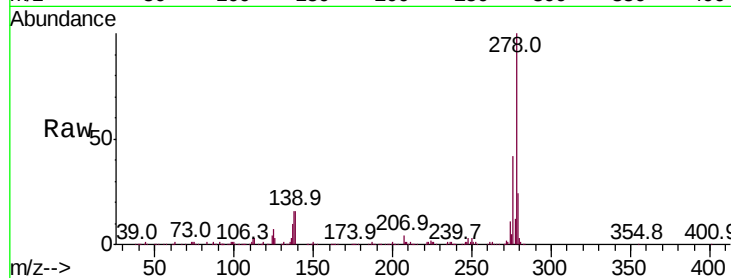
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 856866

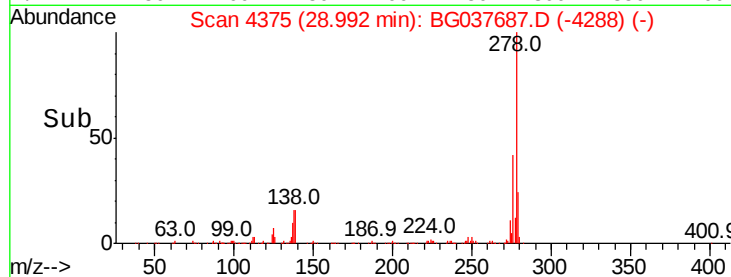
Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	23.9	18.6	27.8



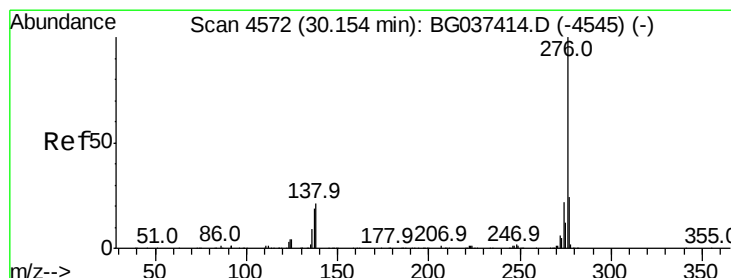
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 47.320 ng

RT: 30.14 min Scan# 4570

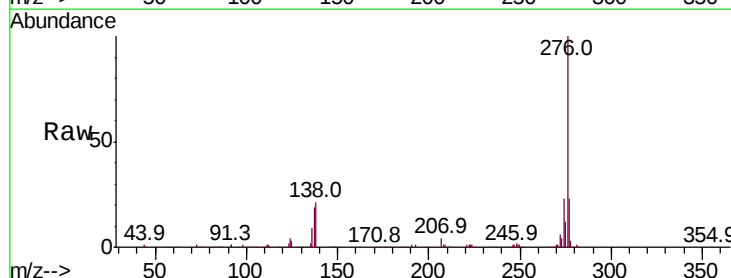
Delta R.T. -0.02 min

Lab File: BG037687.D

Acq: 31 Oct 2018 16:58

Tgt Ion:276 Resp: 860047

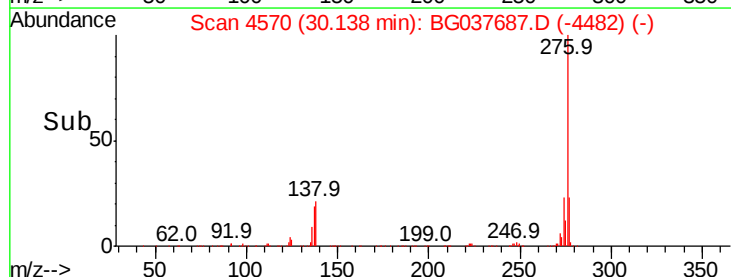
Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.3	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->