

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037858.D
 Acq On : 7 Nov 2018 10:15
 Operator : JU/SJ
 Sample : PB114539BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Quant Time: Nov 07 12:59:01 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	47486	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	221360	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	146672	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	334649	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	290743	20.00	ng	-0.01
87) Perylene-d12	25.09	264	294160	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	434590	153.01	ng	0.00
7) Phenol-d6	7.24	99	616314	143.50	ng	0.00
23) Nitrobenzene-d5	9.27	82	305454	77.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	224748	140.49	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	736784	75.75	ng	-0.02
79) Terphenyl-d14	20.08	244	1038141	76.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	58623	40.699	ng	99
3) Pyridine	3.92	79	130908	36.058	ng	92
4) n-Nitrosodimethylamine	3.85	42	54615	42.235	ng	89
6) Aniline	7.42	93	164006	31.302	ng	95
8) 2-Chlorophenol	7.65	128	148262	44.620	ng	99
9) Benzaldehyde	7.23	77	70697	26.314	ng	93
10) Phenol	7.27	94	194604	42.944	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	135645	39.412	ng	94
12) 1,3-Dichlorobenzene	7.98	146	149262	40.351	ng	98
13) 1,4-Dichlorobenzene	8.13	146	151470	40.031	ng	98
14) 1,2-Dichlorobenzene	8.45	146	144216	39.621	ng	99
15) Benzyl Alcohol	8.33	79	127784	40.266	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	243456	39.533	ng	96
17) 2-Methylphenol	8.53	107	133056	44.413	ng	98
18) Hexachloroethane	9.18	117	54992	42.630	ng	93
19) n-Nitroso-di-n-propylamine	8.90	70	109909	37.162	ng	95
20) 3+4-Methylphenols	8.85	107	183776	42.905	ng	98
22) Acetophenone	8.92	105	213770	38.506	ng	# 96
24) Nitrobenzene	9.31	77	166728	40.615	ng	96
25) Isophorone	9.83	82	315970	43.763	ng	98
26) 2-Nitrophenol	10.02	139	83829	45.330	ng	99
27) 2,4-Dimethylphenol	10.06	122	153748	46.564	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	197409	41.731	ng	96
29) 2,4-Dichlorophenol	10.55	162	160392	43.628	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	159963	40.012	ng	96
31) Naphthalene	10.96	128	471560	43.371	ng	99
32) Benzoic acid	10.18	122	64887	30.256	ng	98
33) 4-Chloroaniline	11.07	127	135850	26.592	ng	97
34) Hexachlorobutadiene	11.23	225	93063	39.276	ng	96
35) Caprolactam	11.86	113	56805	38.527	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	168097	40.544	ng	99
37) 2-Methylnaphthalene	12.56	142	361381	45.596	ng	99
38) 1-Methylnaphthalene	12.78	142	339219	44.072	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	188135	39.767	ng	98

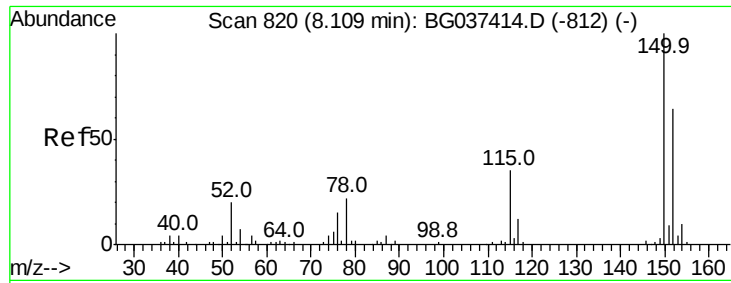
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	236556	104.677	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	131903	41.732	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	143809	41.790	nq	98
46) 1,1'-Biphenyl	13.57	154	459463	37.825	nq	99
47) 2-Chloronaphthalene	13.61	162	363308	39.534	nq	98
48) 2-Nitroaniline	13.82	65	115643	41.497	nq	95
49) Acenaphthylene	14.45	152	600419	43.434	nq	99
50) Dimethylphthalate	14.18	163	458407	40.400	nq	98
51) 2,6-Dinitrotoluene	14.31	165	105149	41.890	nq	92
52) Acenaphthene	14.79	154	346802	40.735	nq	100
53) 3-Nitroaniline	14.64	138	93779	33.654	nq	# 93
54) 2,4-Dinitrophenol	14.84	184	60758	63.359	nq	99
55) Dibenzofuran	15.13	168	564903	40.048	nq	100
56) 4-Nitrophenol	14.93	139	211548	102.562	nq	100
57) 2,4-Dinitrotoluene	15.09	165	146280	44.395	nq	94
58) Fluorene	15.77	166	450315	42.631	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	122512	41.580	nq	99
60) Diethylphthalate	15.53	149	469457	40.299	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	237171	38.522	nq	97
62) 4-Nitroaniline	15.80	138	108534	39.197	nq	92
63) Azobenzene	16.06	77	440703	39.650	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	64261	38.615	nq	98
66) n-Nitrosodiphenylamine	15.98	169	409215	40.652	nq	97
67) 4-Bromophenyl-phenylether	16.66	248	149119	40.577	nq	97
68) Hexachlorobenzene	16.77	284	149539	39.261	nq	98
69) Atrazine	16.92	200	149344	41.034	nq	100
70) Pentachlorophenol	17.11	266	154170	60.429	nq	98
71) Phenanthrene	17.52	178	726596	42.721	nq	99
72) Anthracene	17.61	178	735167	44.046	nq	98
73) Carbazole	17.88	167	654175	39.182	nq	100
74) Di-n-butylphthalate	18.41	149	780310	42.014	nq	99
75) Fluoranthene	19.52	202	817544	42.381	nq	99
77) Benzidine	19.71	184	302597	30.609	nq	99
78) Pyrene	19.89	202	826629	43.492	nq	100
80) Butylbenzylphthalate	20.76	149	344864	44.335	nq	94
81) Benzo(a)anthracene	21.74	228	755236	43.916	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	208226	31.238	nq	100
83) Chrysene	21.81	228	717924	43.415	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	485369	44.516	nq	98
85) Di-n-octyl phthalate	22.85	149	818287	46.024	nq	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	617608	34.822	nq	# 86
88) Benzo(b)fluoranthene	24.02	252	724022	44.895	nq	99
89) Benzo(k)fluoranthene	24.09	252	717836	45.432	nq	97
90) Benzo(a)pyrene	24.93	252	699609	45.653	nq	99
91) Dibenzo(a,h)anthracene	28.97	278	496268	35.108	nq	98
92) Benzo(g,h,i)perylene	30.11	276	549299	38.410	nq	99

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

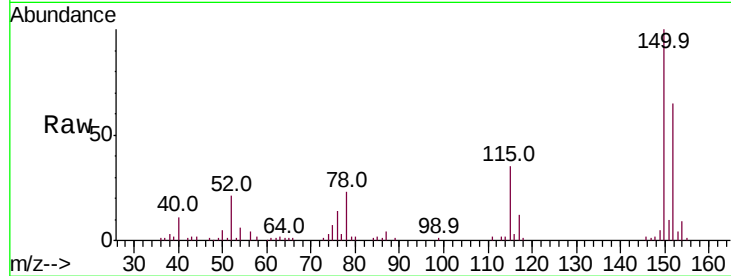


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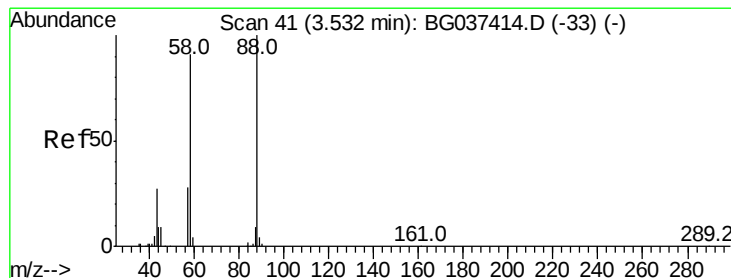
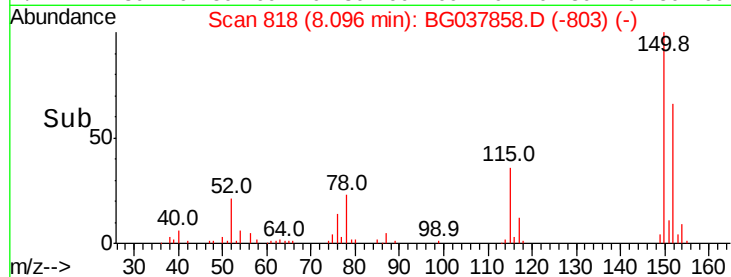
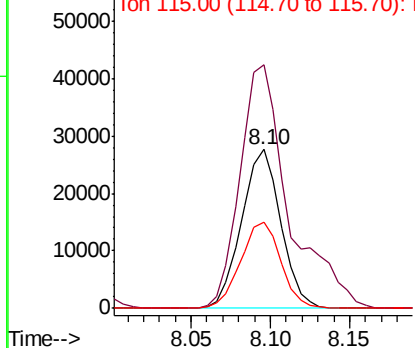
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion:152 Resp: 47486
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 53.8 45.5 68.3



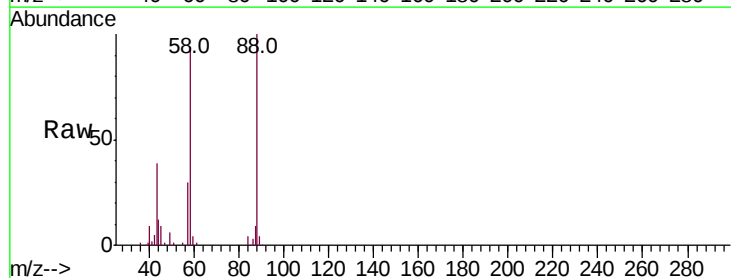
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



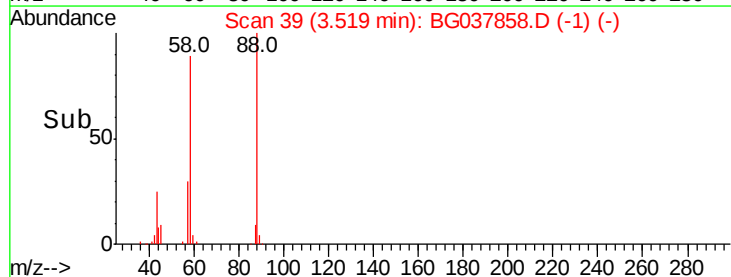
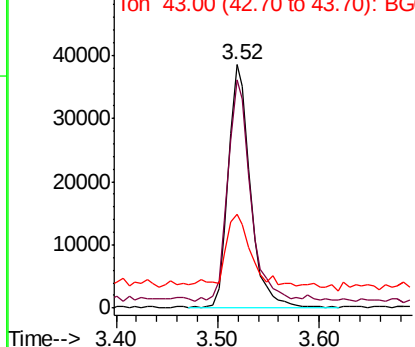
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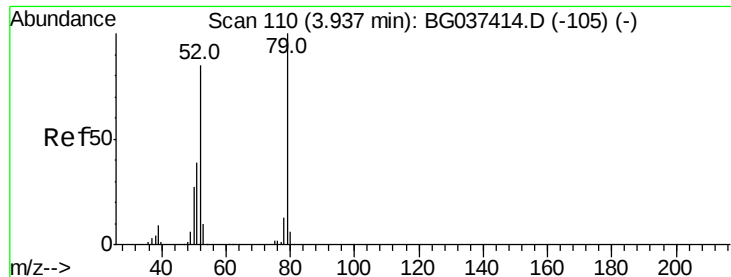
1,4-Dioxane
Concen: 40.699 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion: 88 Resp: 58623
Ion Ratio Lower Upper
88 100
58 91.9 74.4 111.6
43 31.3 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: 36.058 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

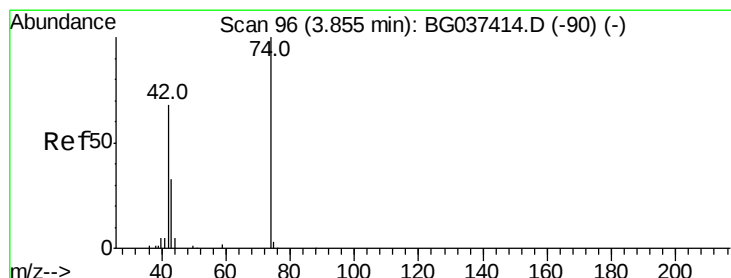
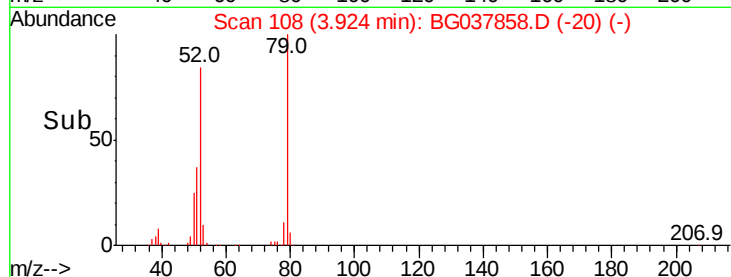
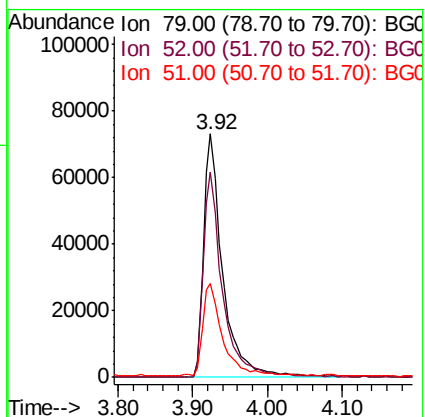
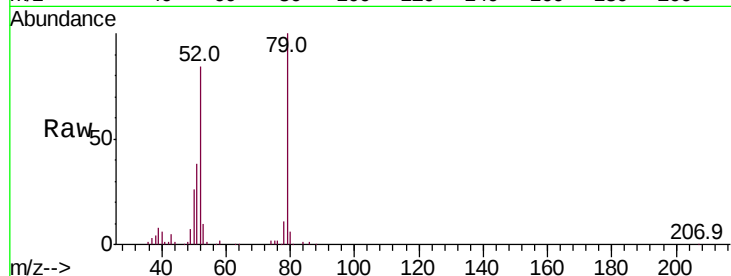
Tot Ion: 79 Resp: 130908

Ion Ratio Lower Upper

79 100

52 84.3 74.2 111.2

51 38.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 42.235 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

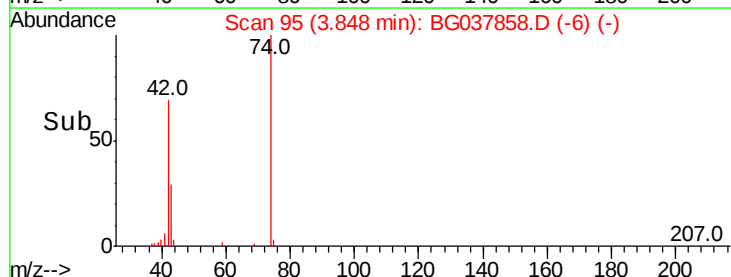
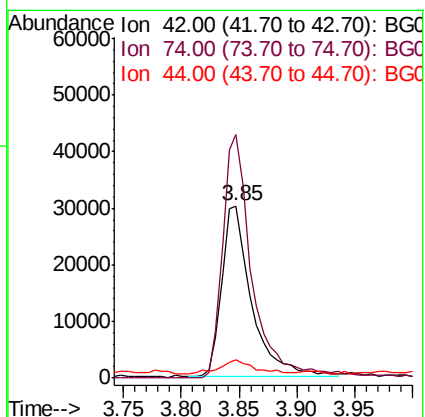
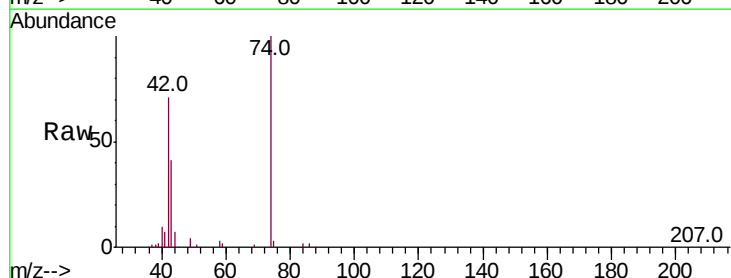
Tgt Ion: 42 Resp: 54615

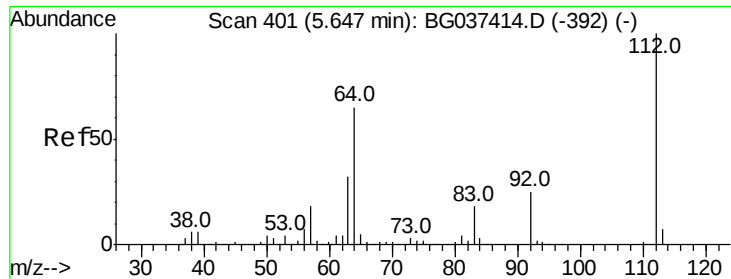
Ion Ratio Lower Upper

42 100

74 141.4 102.0 153.0

44 10.5 9.6 14.4





#5

2-Fluorophenol

Concen: 153.007 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

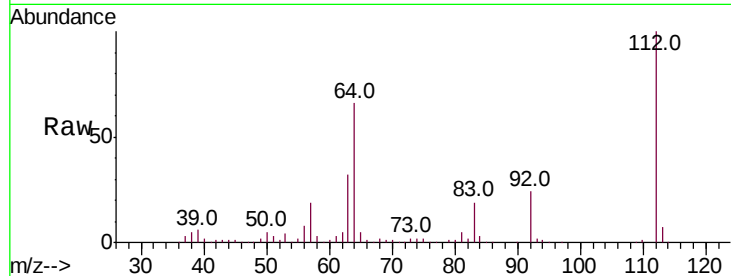
Tot Ion:112 Resp: 434590

Ion Ratio Lower Upper

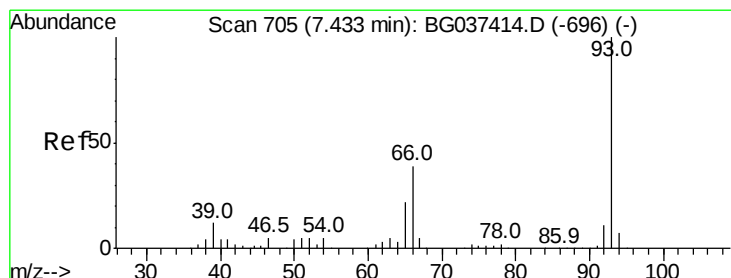
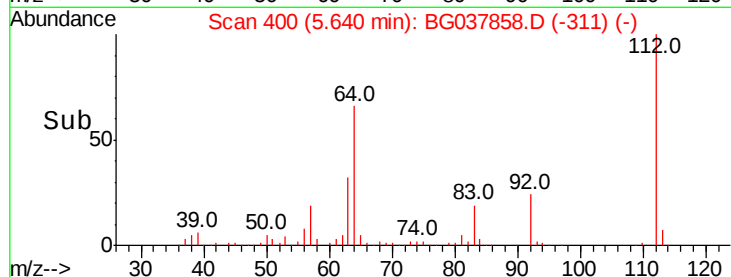
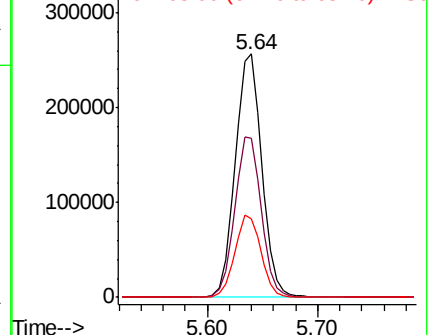
112 100

64 65.6 53.1 79.7

63 32.2 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: 31.302 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

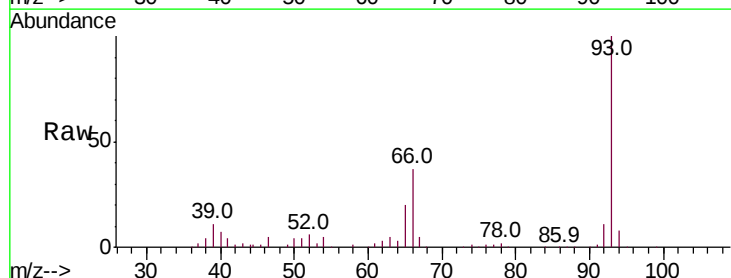
Tgt Ion: 93 Resp: 164006

Ion Ratio Lower Upper

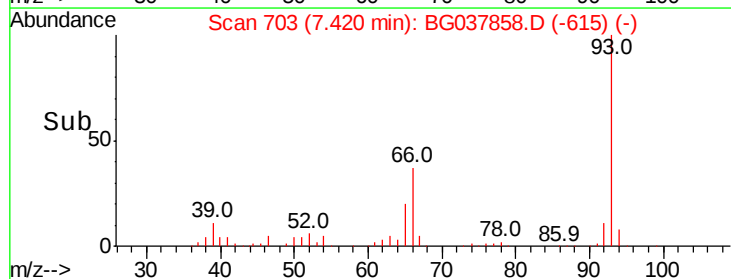
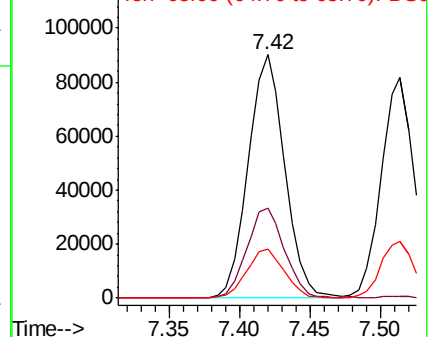
93 100

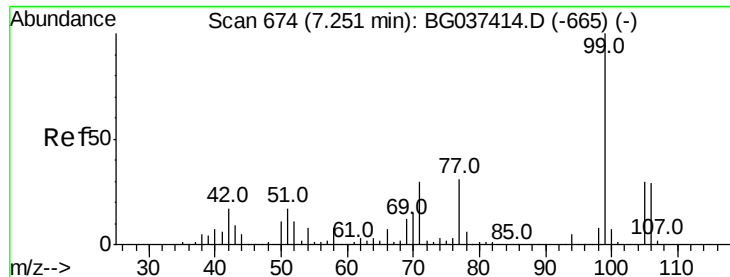
66 36.9 32.8 49.2

65 20.2 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: 143.498 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

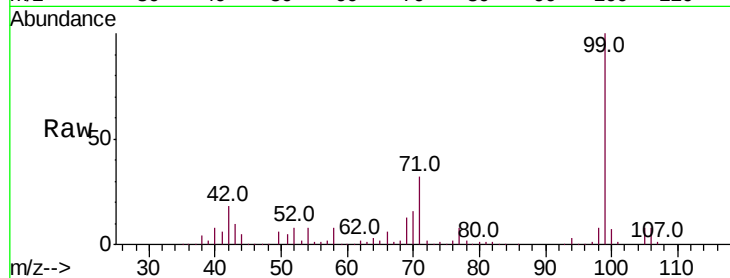
Tot Ion: 99 Resp: 616314

Ion Ratio Lower Upper

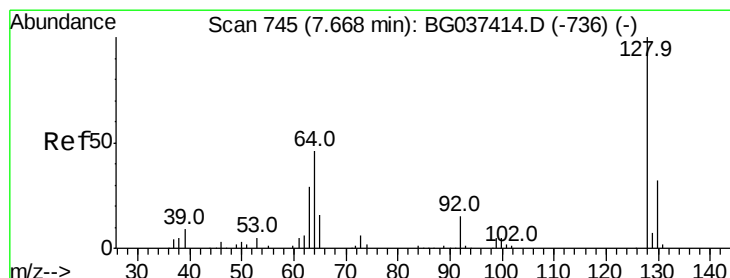
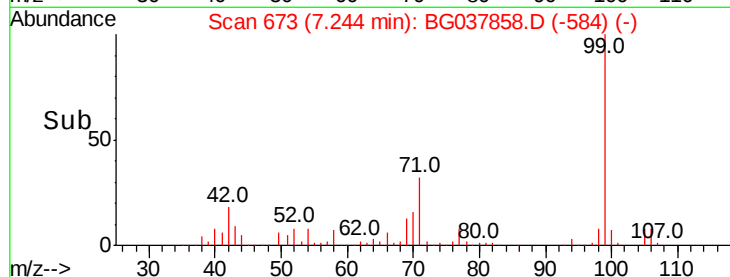
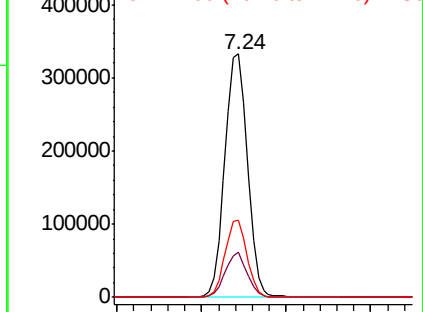
99 100

42 18.4 15.0 22.4

71 31.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 44.620 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

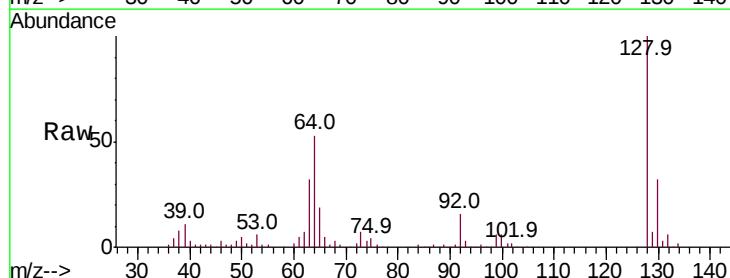
Tgt Ion: 128 Resp: 148262

Ion Ratio Lower Upper

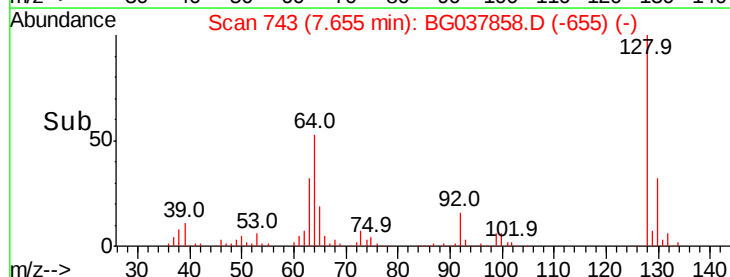
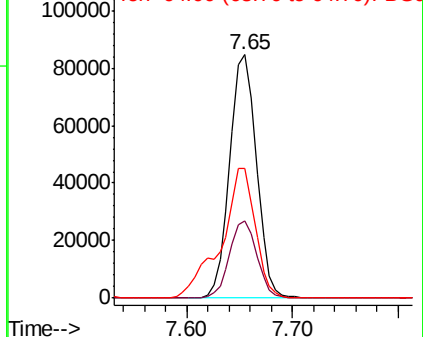
128 100

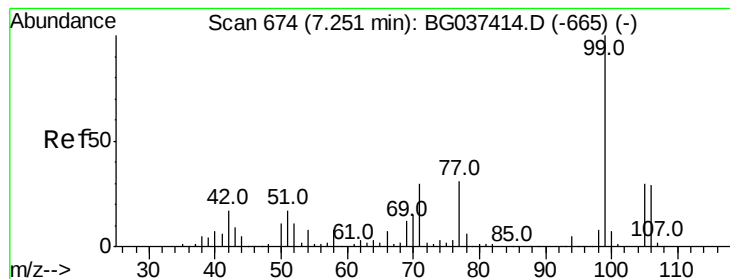
130 31.6 12.0 52.0

64 53.3 32.9 72.9



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





#9

Benzaldehyde

Concen: 26.314 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

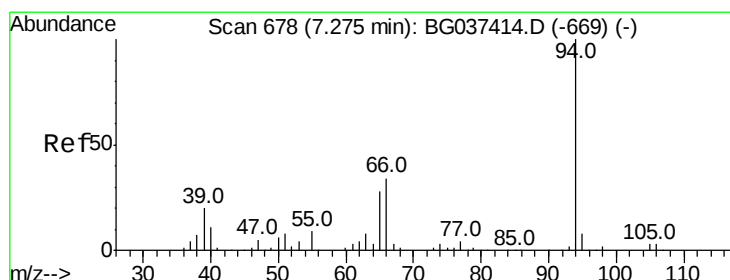
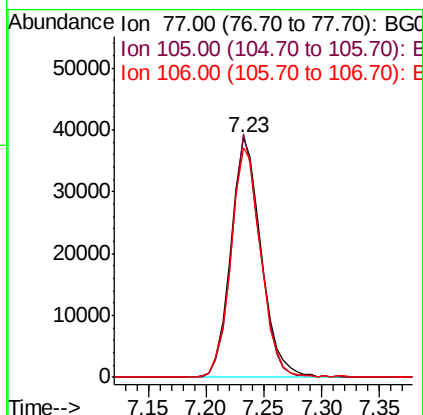
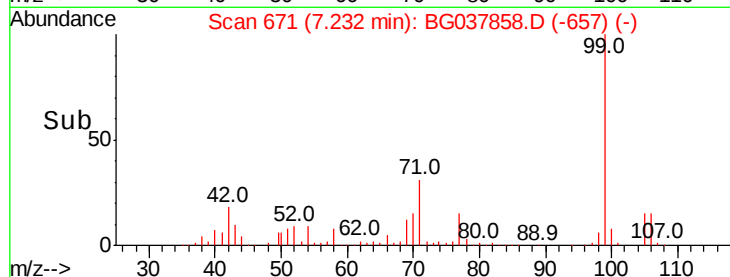
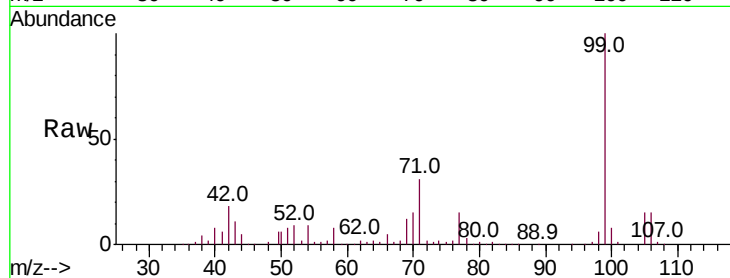
Tot Ion: 77 Resp: 70697

Ion Ratio Lower Upper

77 100

105 101.8 72.6 112.6

106 95.9 71.3 111.3



#10

Phenol

Concen: 42.944 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

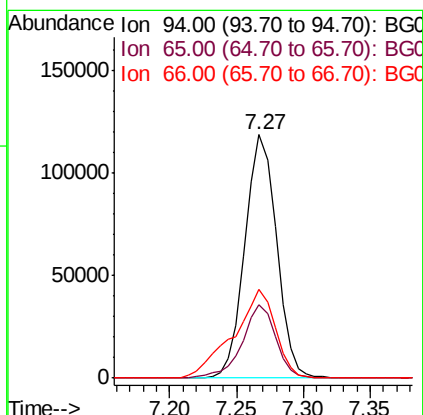
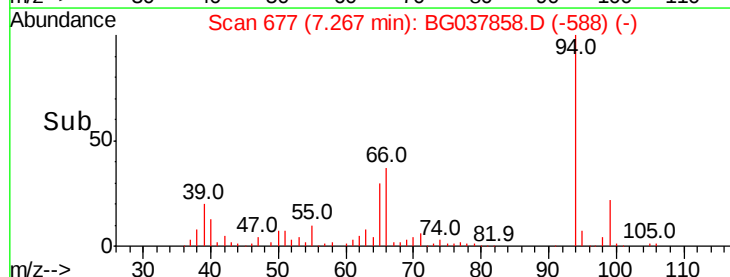
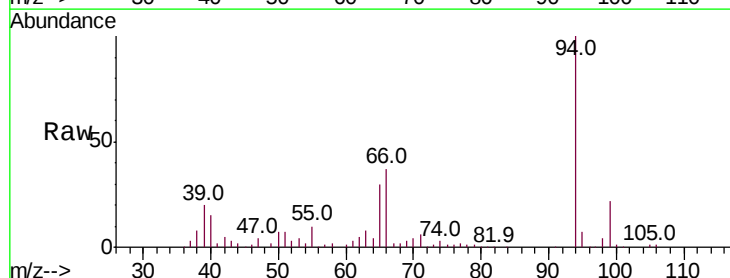
Tgt Ion: 94 Resp: 194604

Ion Ratio Lower Upper

94 100

65 30.3 9.7 49.7

66 36.7 15.9 55.9

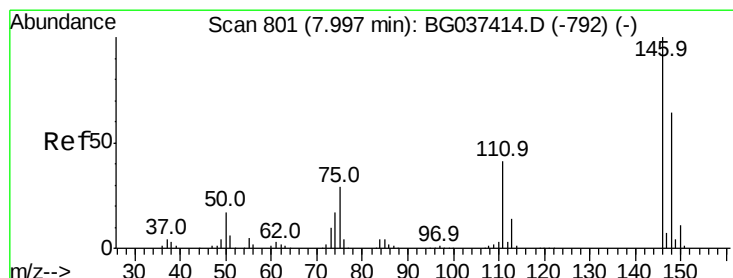
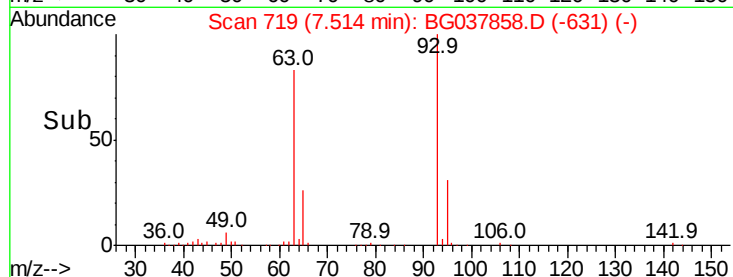
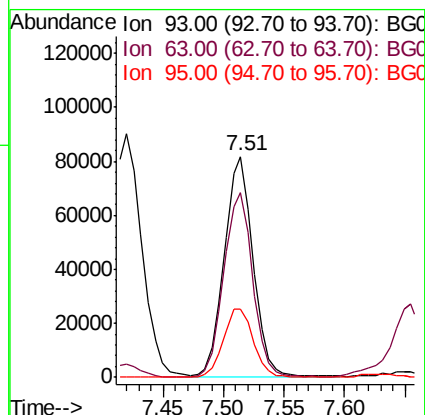
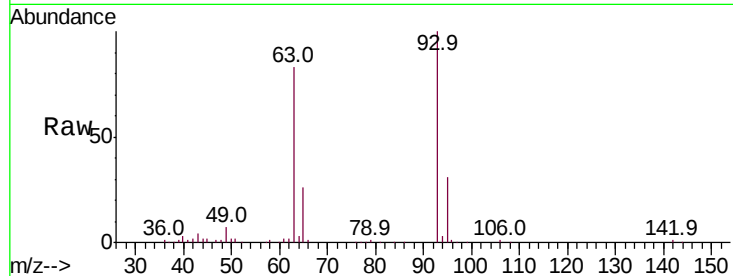




#11
bis(2-Chloroethyl)ether
Concen: 39.412 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

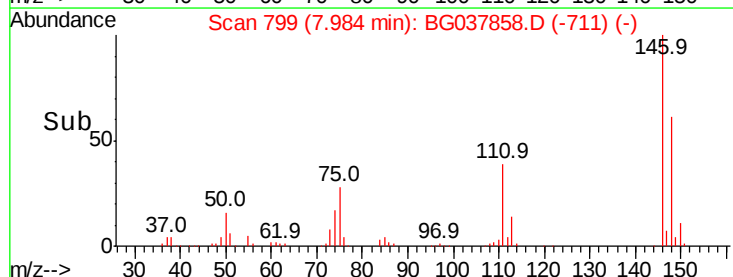
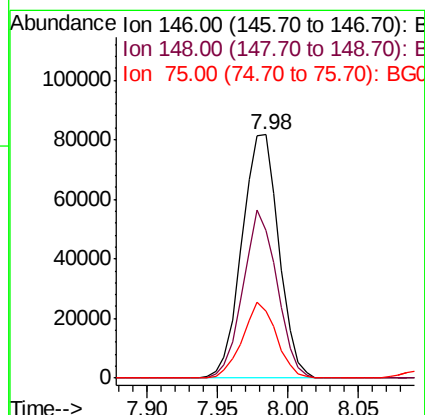
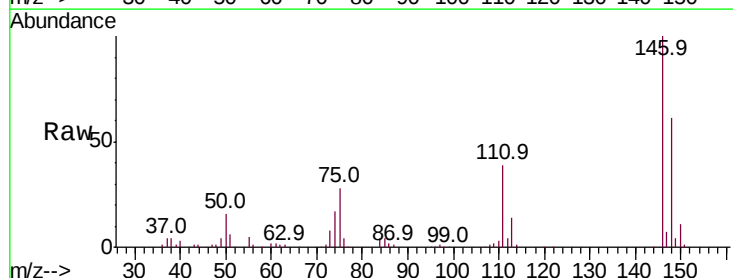
Instrument :
BNA_G
ClientSampleId :
PB114539BS

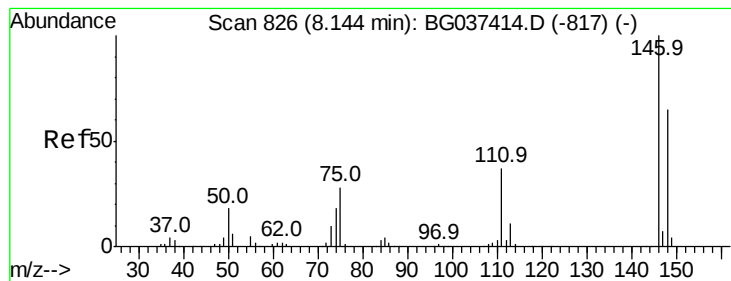
Tot Ion: 93 Resp: 135645
Ion Ratio Lower Upper
93 100
63 83.4 69.5 109.5
95 30.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.351 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion: 146 Resp: 149262
Ion Ratio Lower Upper
146 100
148 60.8 49.8 74.8
75 27.5 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 40.031 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

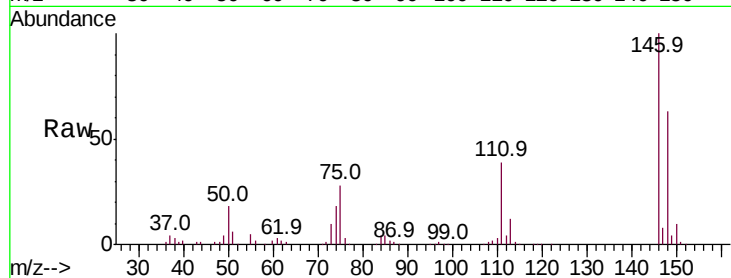
Tot Ion:146 Resp: 151470

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

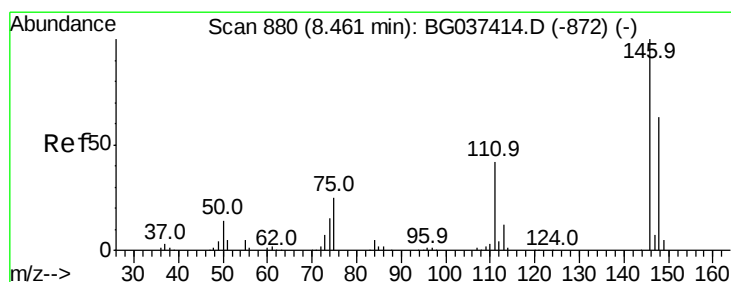
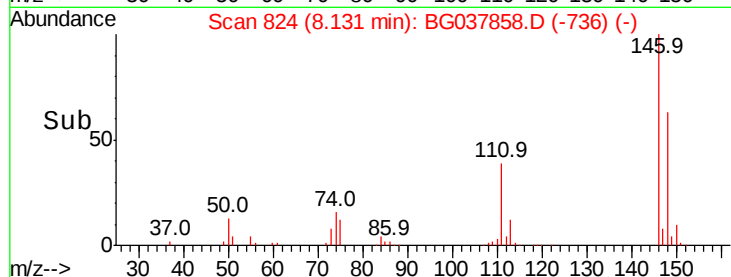
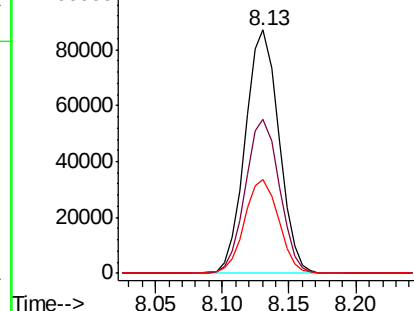
111 38.5 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.621 ng

RT: 8.45 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

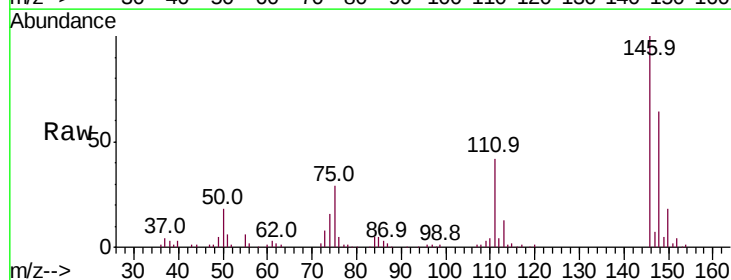
Tgt Ion:146 Resp: 144216

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

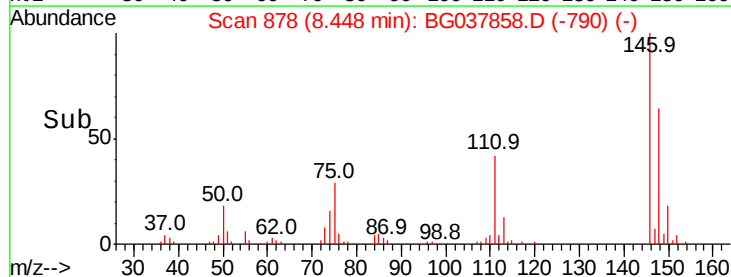
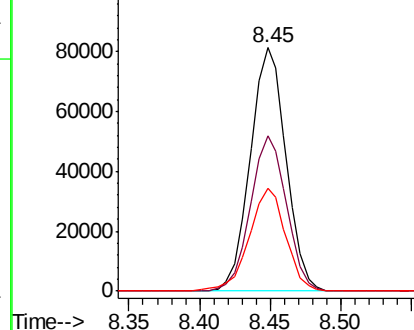
111 42.2 34.6 51.8

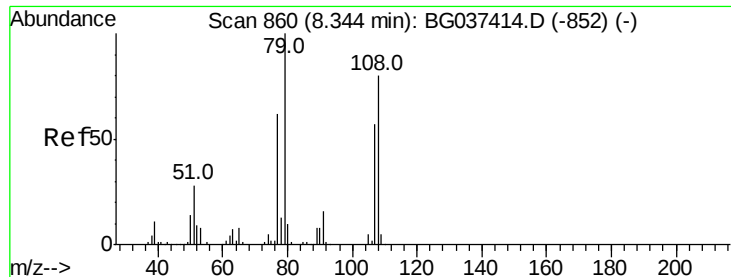


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.266 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

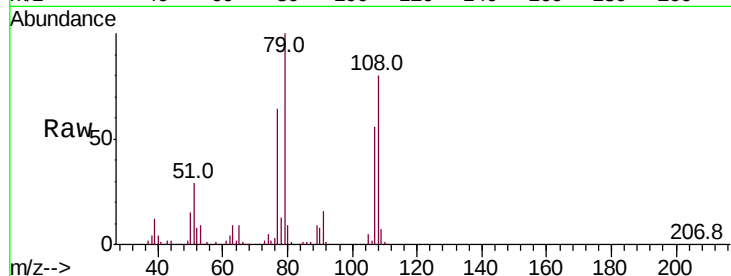
Tot Ion: 79 Resp: 127784

Ion Ratio Lower Upper

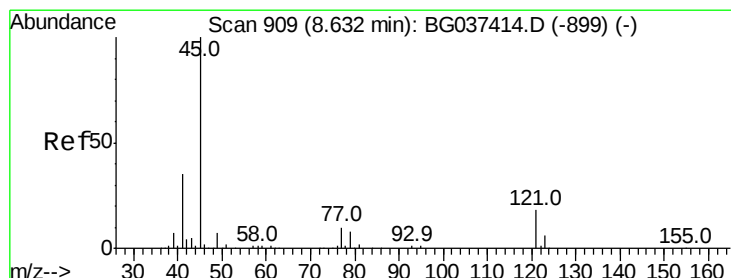
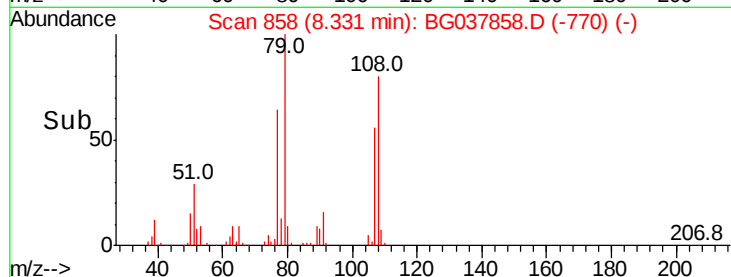
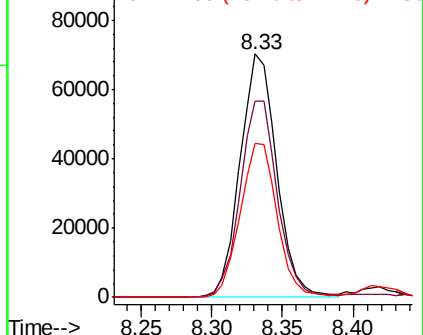
79 100

108 80.4 65.8 98.8

77 63.5 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: 39.533 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

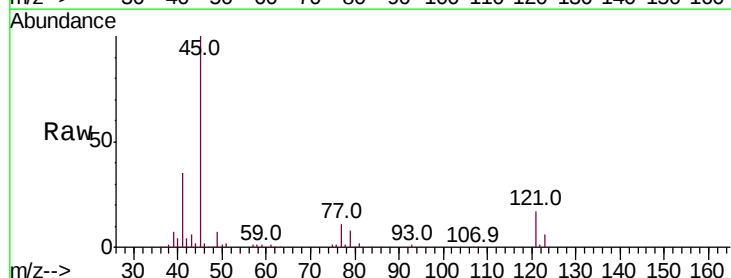
Tgt Ion: 45 Resp: 243456

Ion Ratio Lower Upper

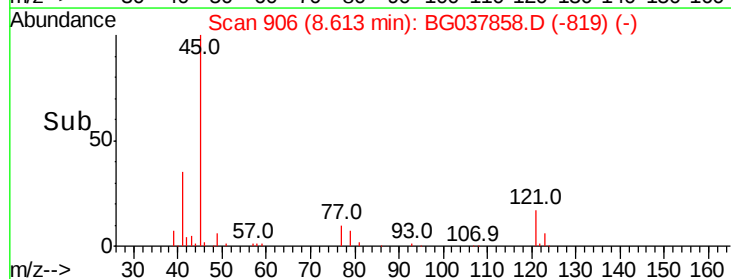
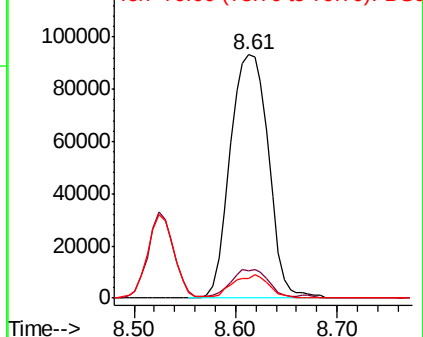
45 100

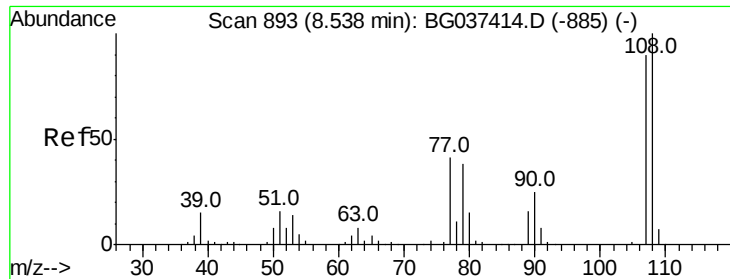
77 11.4 0.0 30.0

79 7.8 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

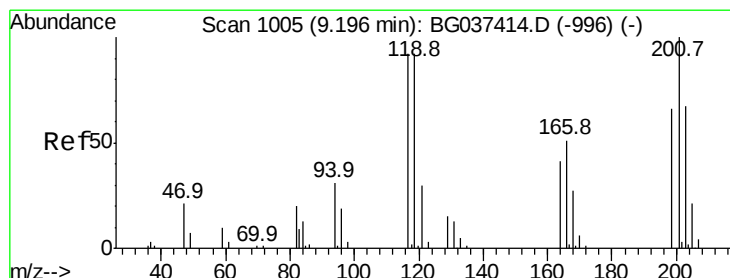
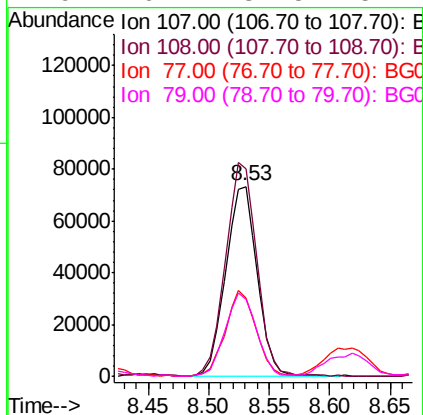
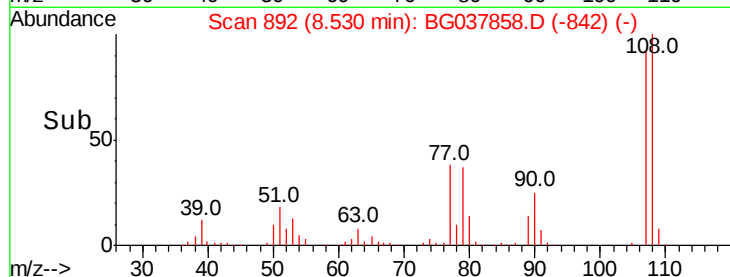
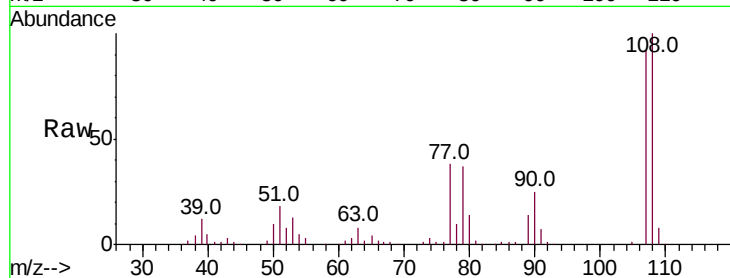




#17
2-Methylphenol
Concen: 44.413 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

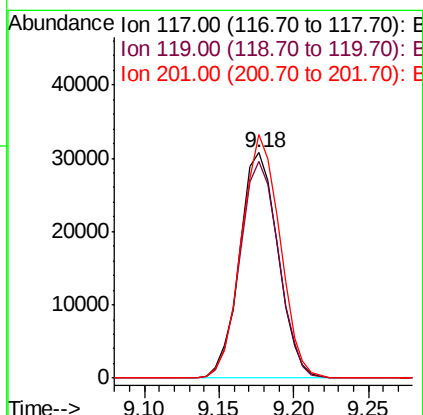
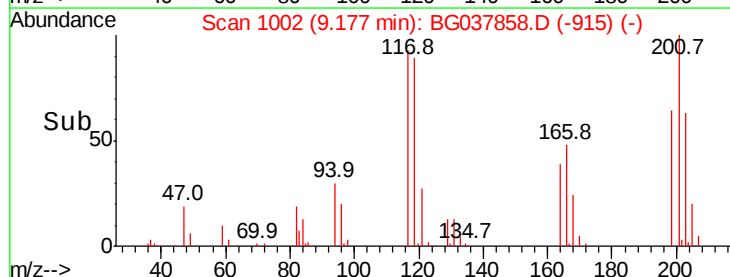
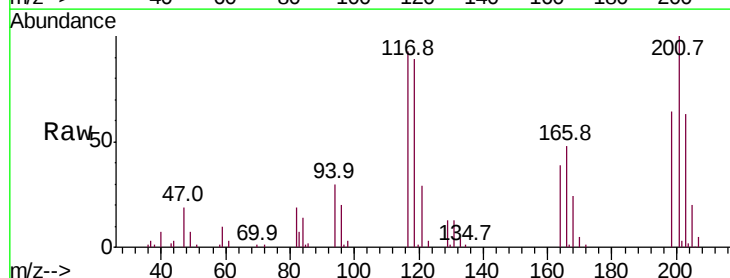
Instrument :
BNA_G
ClientSampleId :
PB114539BS

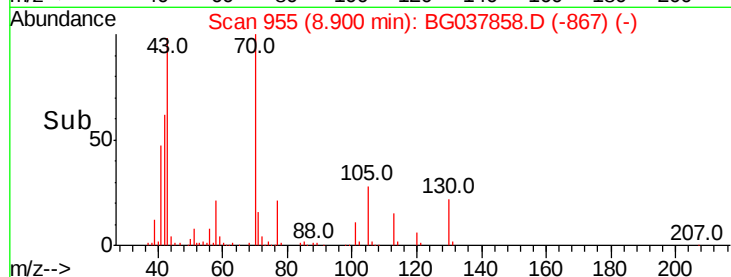
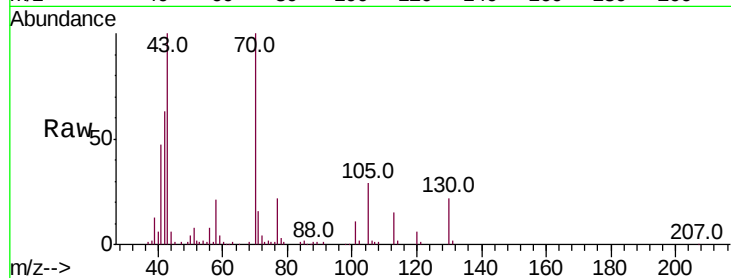
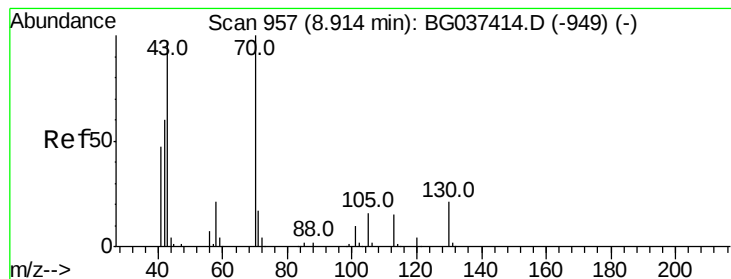
Tot Ion:	107	Resp:	133056
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.9	131.9
77	41.2	35.1	52.7
79	40.7	34.5	51.7



#18
Hexachloroethane
Concen: 42.630 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:	117	Resp:	54992
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.6	111.8
201	111.4	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.162 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

Tot Ion: 70 Resp: 109909

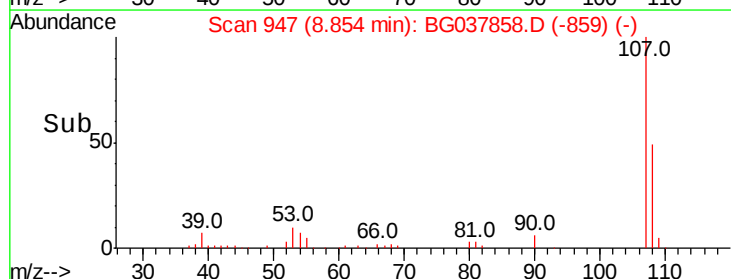
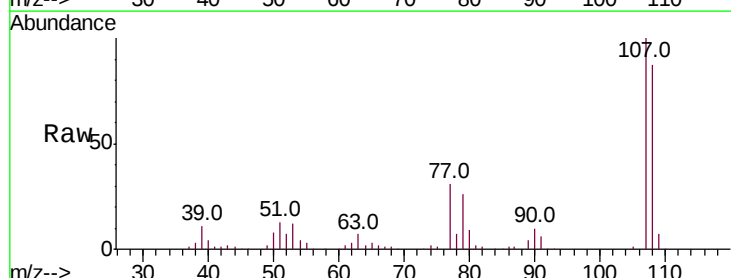
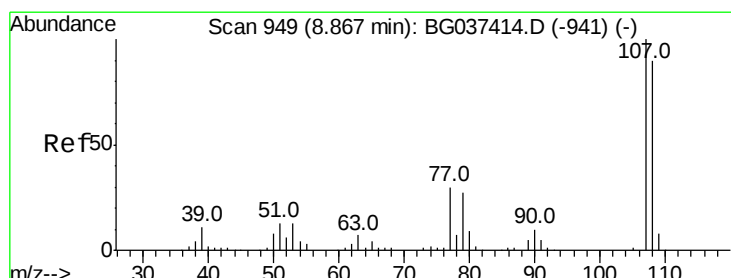
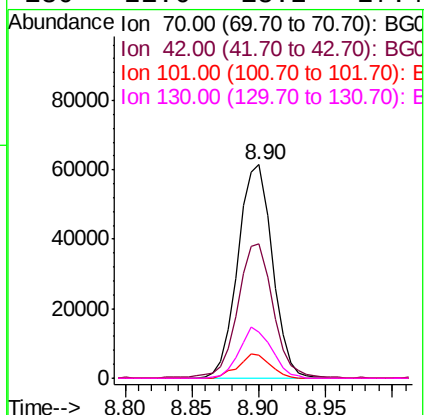
Ion Ratio Lower Upper

70 100

42 62.7 53.9 80.9

101 10.6 8.2 12.2

130 21.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.905 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Tgt Ion:107 Resp: 183776

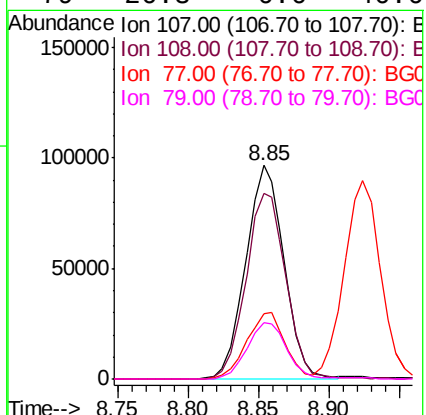
Ion Ratio Lower Upper

107 100

108 86.9 69.9 109.9

77 30.6 11.2 51.2

79 26.3 6.6 46.6

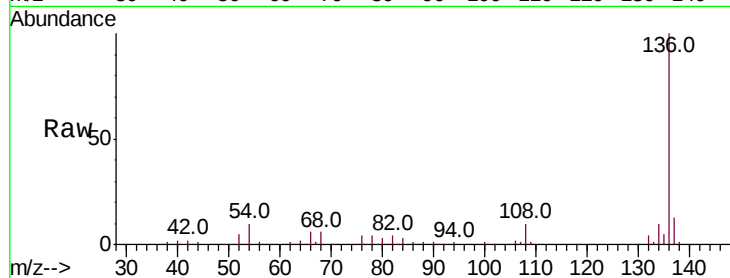




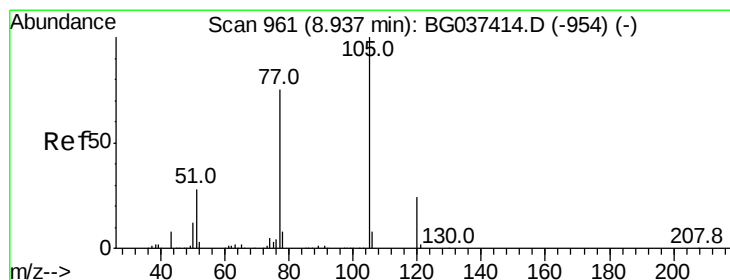
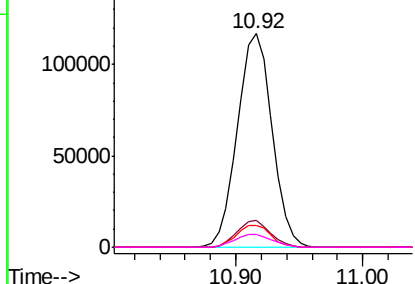
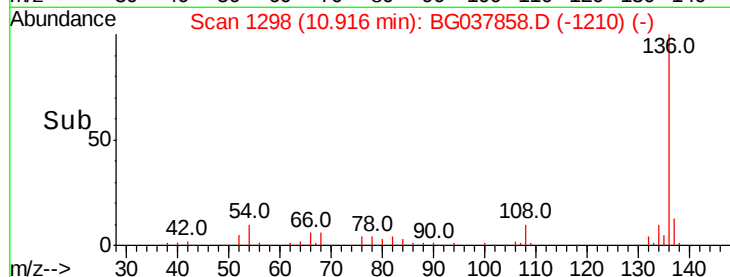
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion:136	Resp:	221360
Ion	Ratio	Lower Upper
136	100	
137	12.5	9.6 14.4
54	10.4	7.9 11.9
68	6.3	4.8 7.2

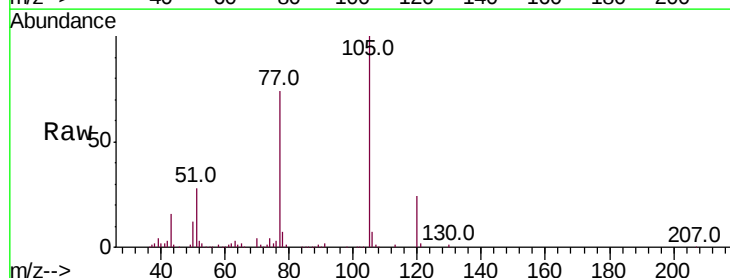


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

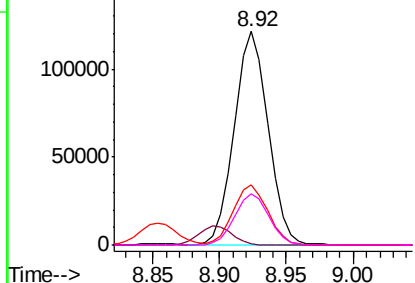
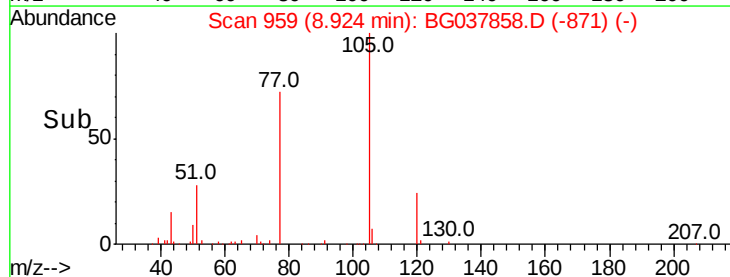


#22
Acetophenone
Concen: 38.506 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:105	Resp:	213770
Ion	Ratio	Lower Upper
105	100	
71	0.9	1.2 1.8#
51	28.3	25.0 37.6
120	24.0	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

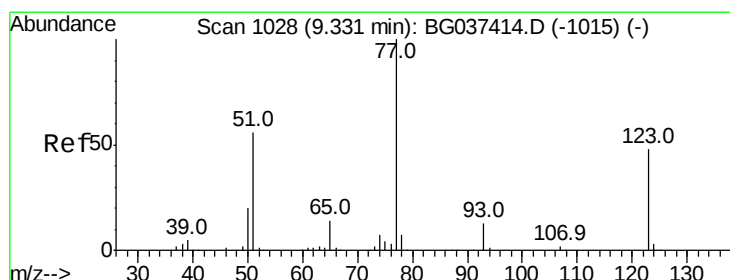
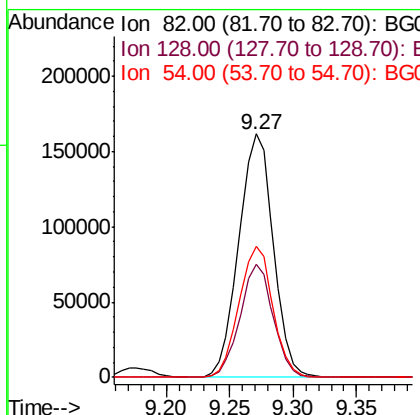
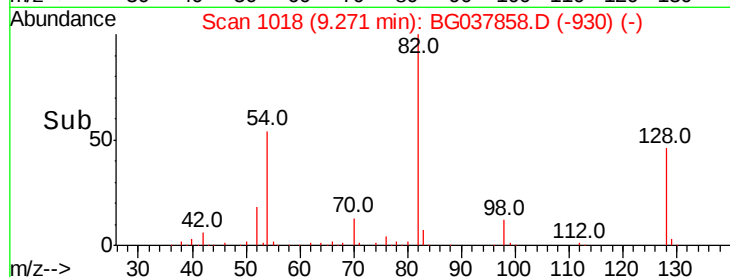
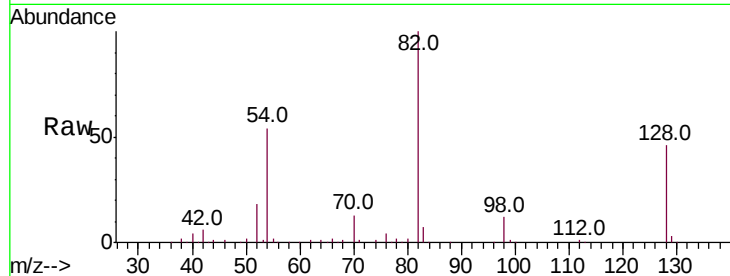




#23
 Nitrobenzene-d5
 Concen: 77.300 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

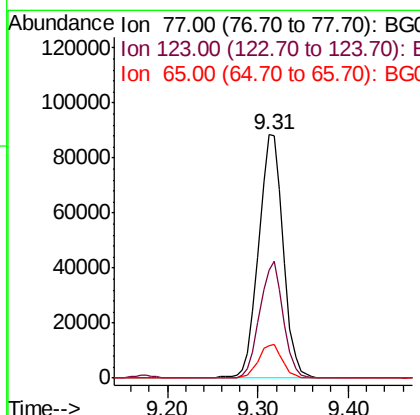
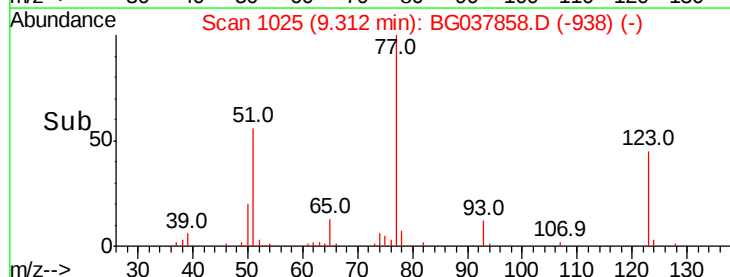
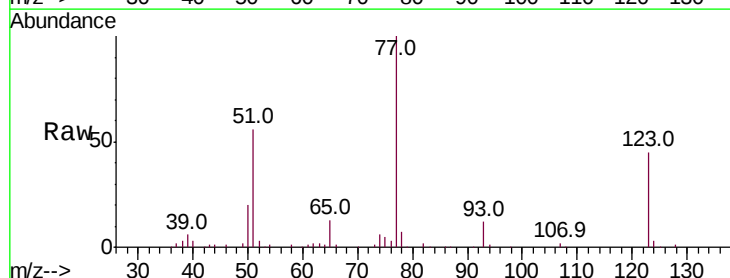
Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Tot Ion: 82 Resp: 305454
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.6 51.8
 54 53.5 45.3 67.9



#24
 Nitrobenzene
 Concen: 40.615 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion: 77 Resp: 166728
 Ion Ratio Lower Upper
 77 100
 123 44.6 33.6 50.4
 65 13.1 11.3 16.9





#25

Isophorone

Concen: 43.763 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

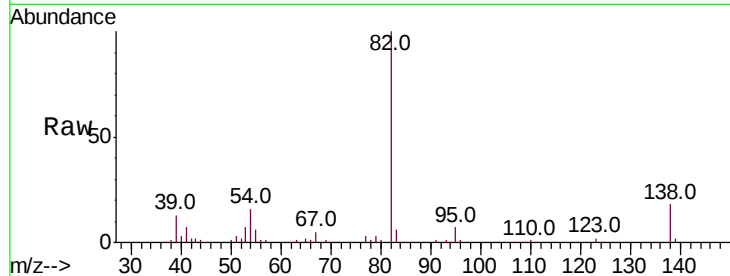
Tot Ion: 82 Resp: 315970

Ion Ratio Lower Upper

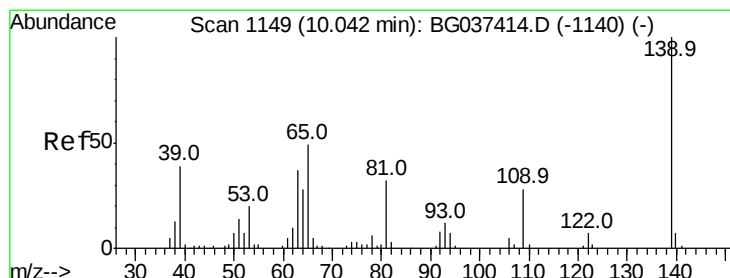
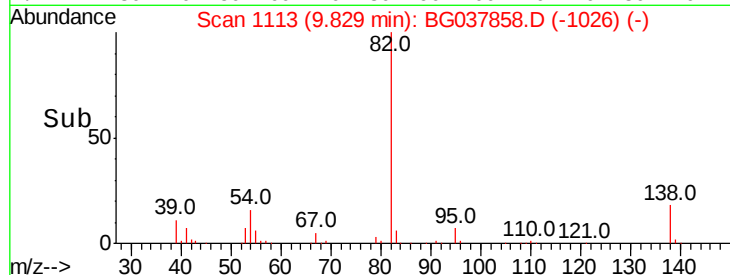
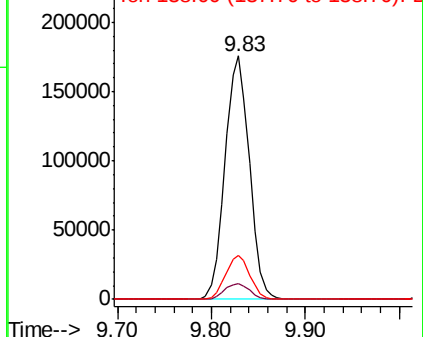
82 100

95 6.7 5.3 7.9

138 18.0 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: 45.330 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

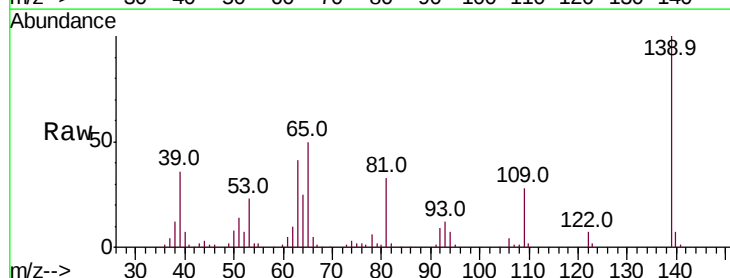
Tgt Ion: 139 Resp: 83829

Ion Ratio Lower Upper

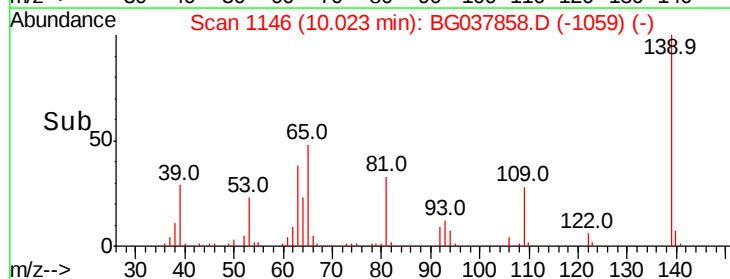
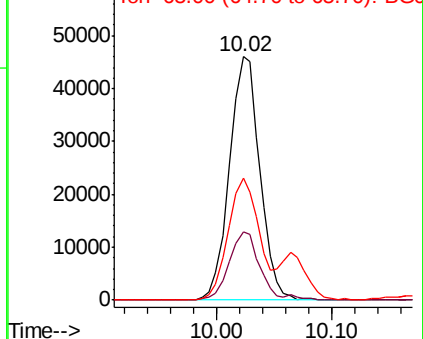
139 100

109 28.2 23.3 34.9

65 50.3 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

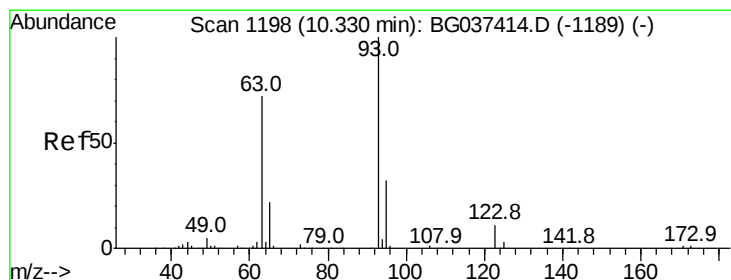
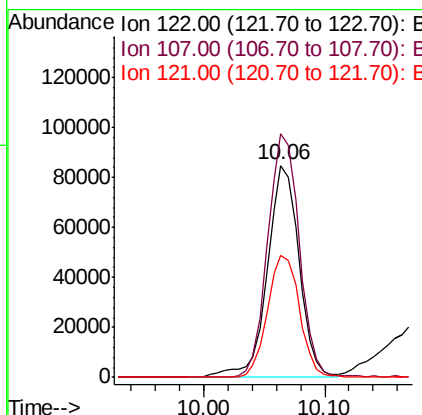
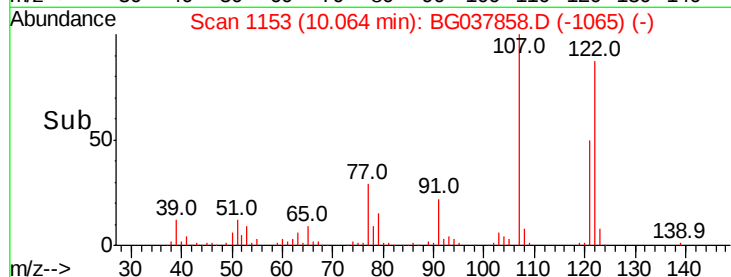
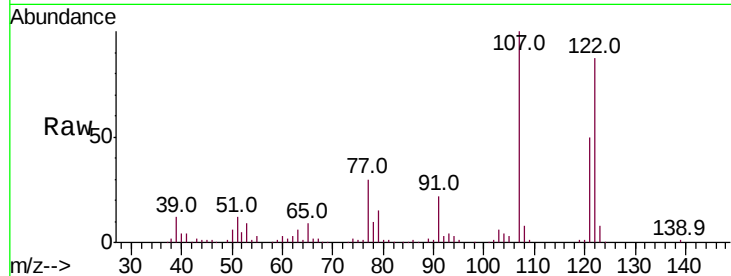




#27
 2,4-Dimethylphenol
 Concen: 46.564 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

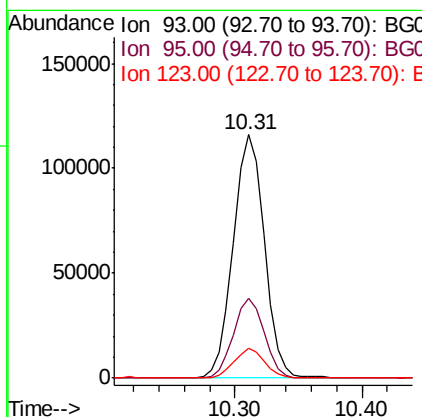
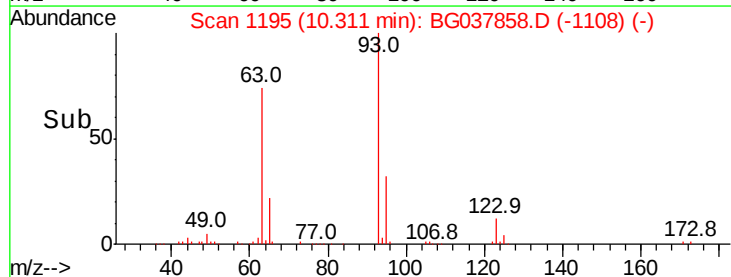
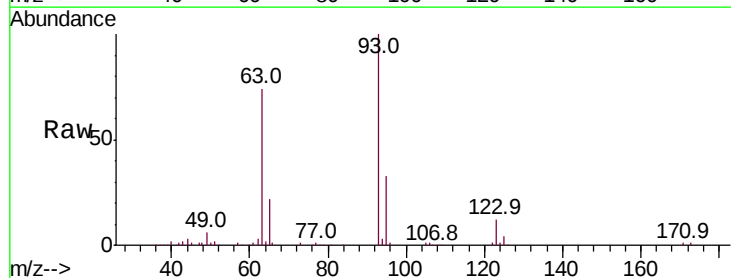
Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

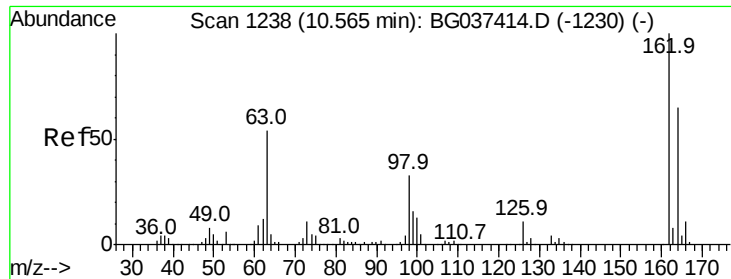
Tot Ion:122 Resp: 153748
 Ion Ratio Lower Upper
 122 100
 107 115.0 94.2 141.2
 121 57.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.731 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion: 93 Resp: 197409
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.6 37.0
 123 12.4 9.1 13.7

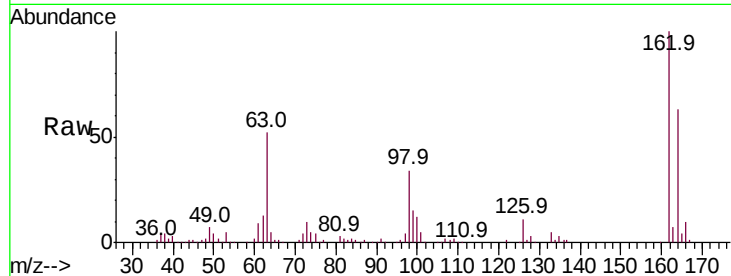




#29
 2,4-Dichlorophenol
 Concen: 43.628 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	33.9	16.0	56.0

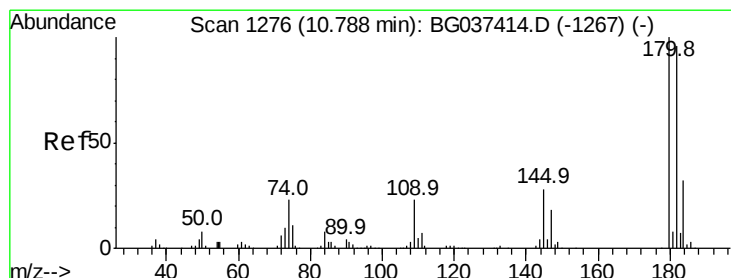
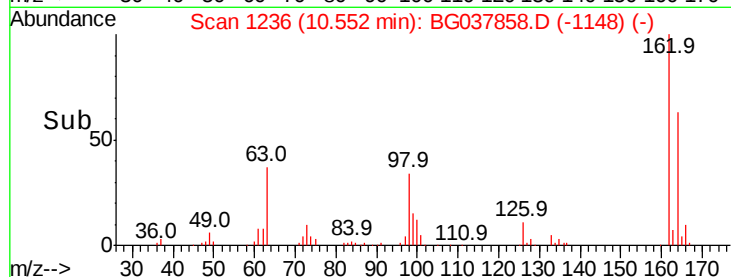
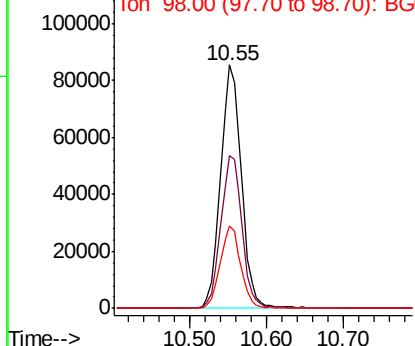


Abundance

Ion 162.00 (161.70 to 162.70): E

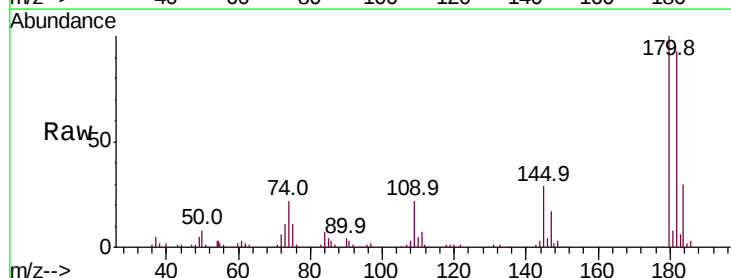
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.012 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.7	116.5
145	28.6	23.3	34.9

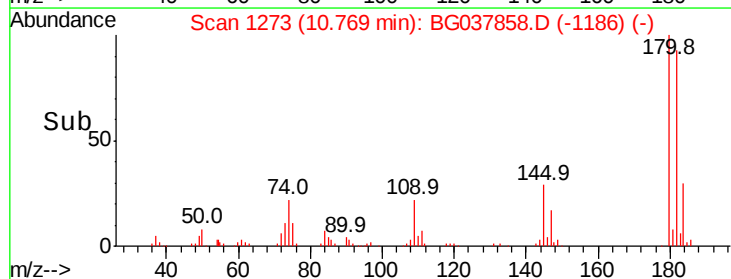
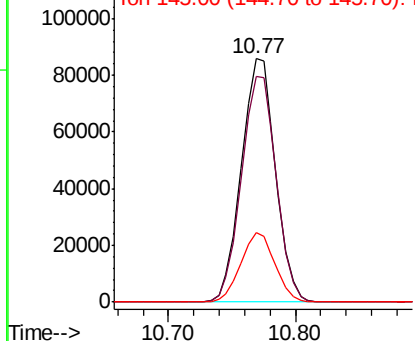


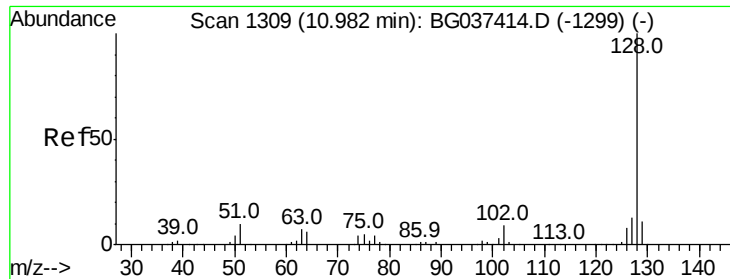
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

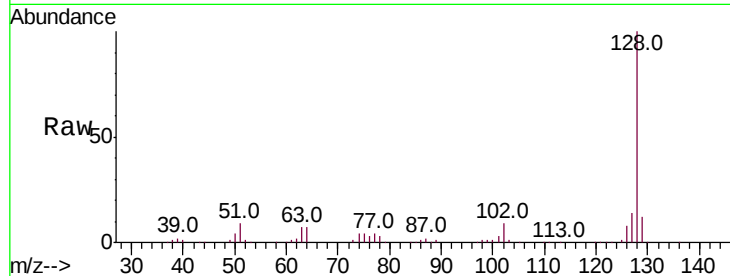




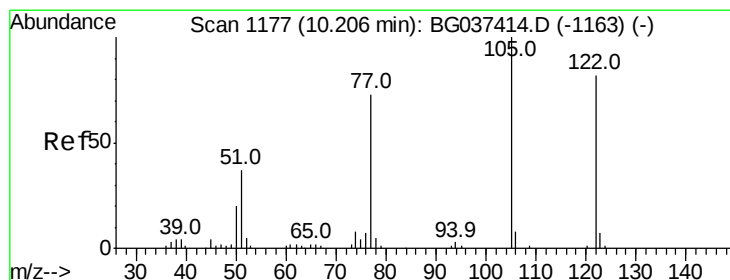
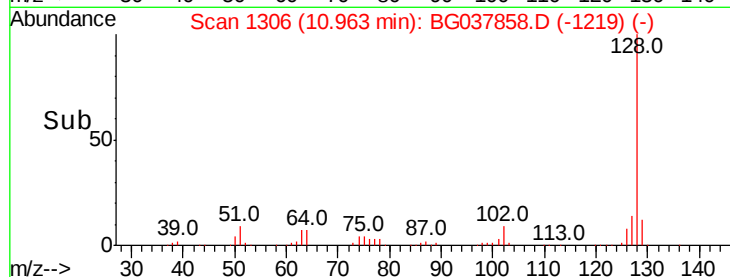
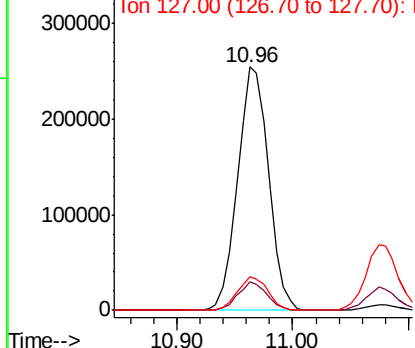
#31
Naphthalene
Concen: 43.371 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion:128 Resp: 471560
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.7 11.1 16.7

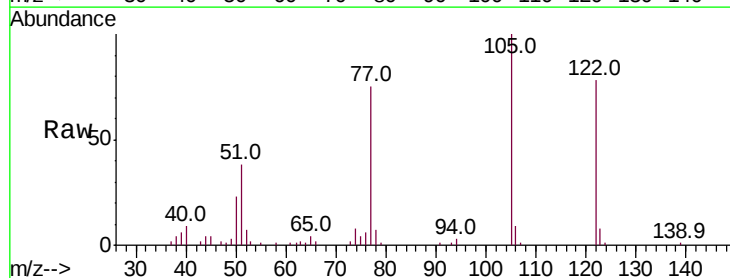


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

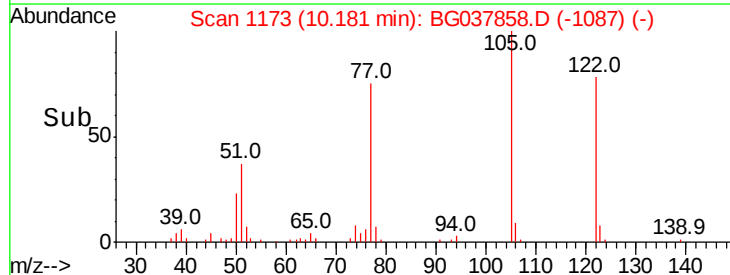
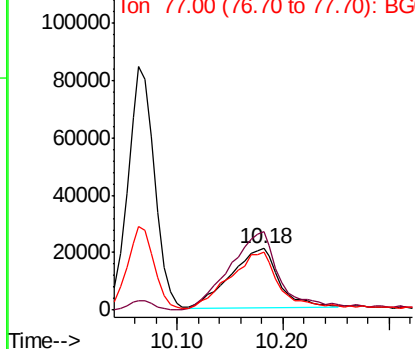


#32
Benzoic acid
Concen: 30.256 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:122 Resp: 64887
Ion Ratio Lower Upper
122 100
105 127.4 106.7 146.7
77 95.0 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

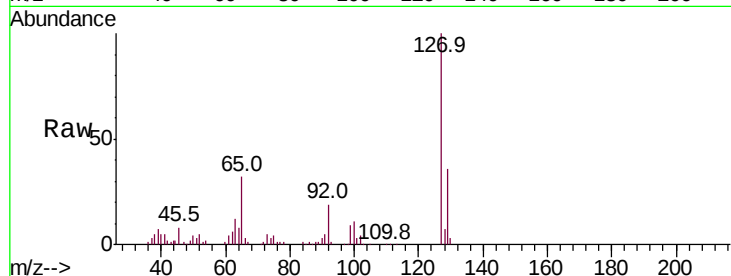




#33
4-Chloroaniline
Concen: 26.592 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion:	127	Resp:	135850
Ion	Ratio	Lower	Upper
127	100		
129	35.8	27.1	40.7
65	32.3	26.6	39.8
92	19.1	16.4	24.6



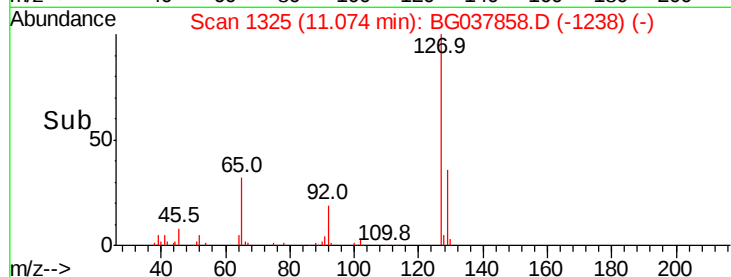
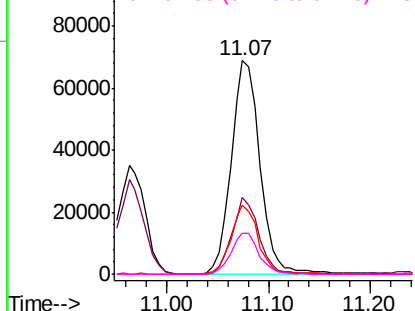
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

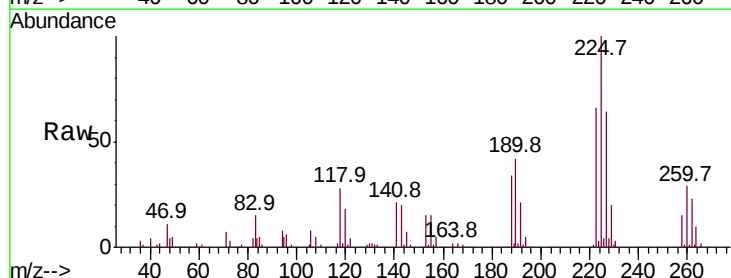
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.276 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:	225	Resp:	93063
Ion	Ratio	Lower	Upper
225	100		
223	66.5	48.2	72.4
227	65.0	51.6	77.4

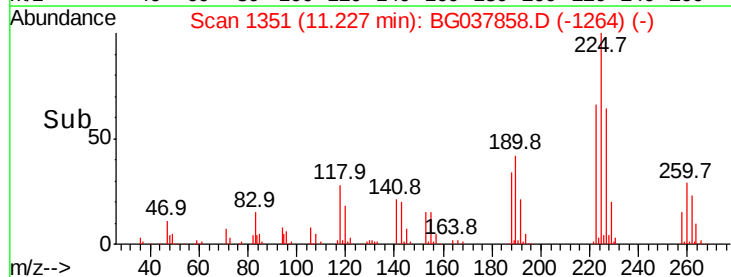
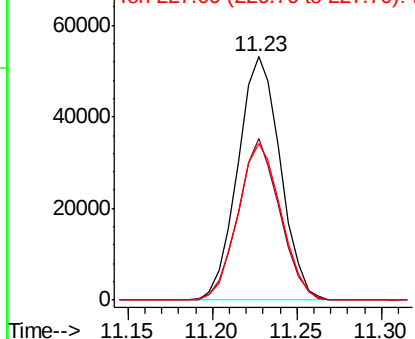


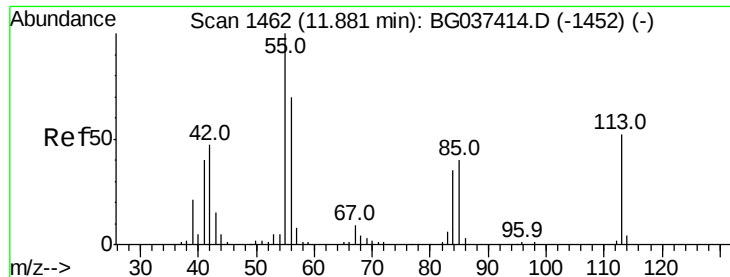
Abundance

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: 38.527 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

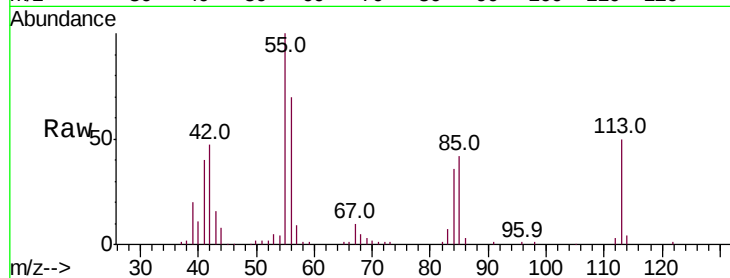
Tot Ion:113 Resp: 56805

Ion Ratio Lower Upper

113 100

55 201.3 176.6 216.6

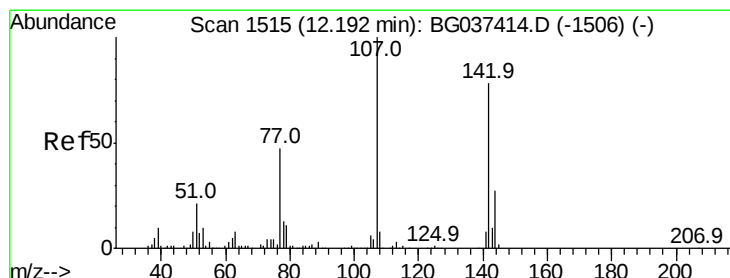
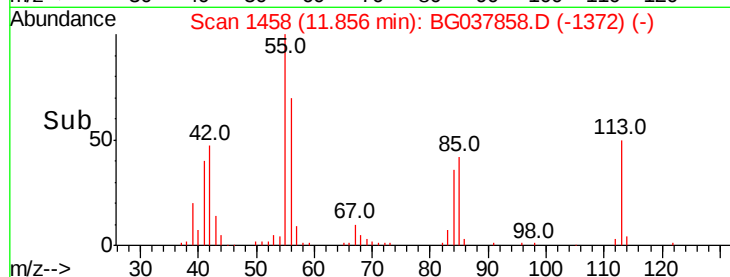
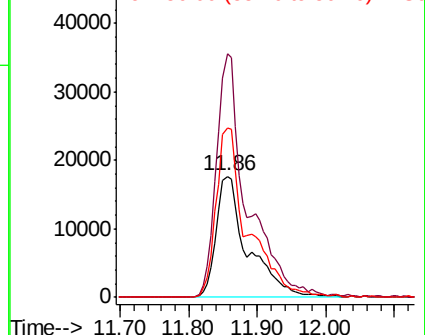
56 140.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.544 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

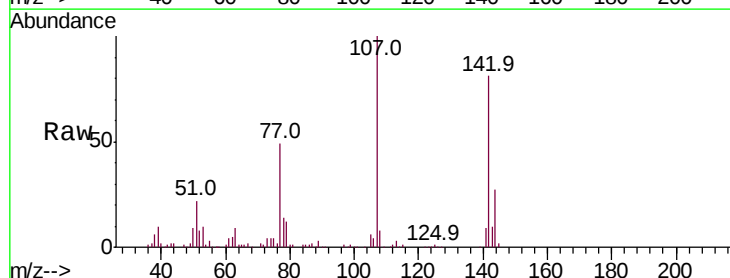
Tgt Ion:107 Resp: 168097

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

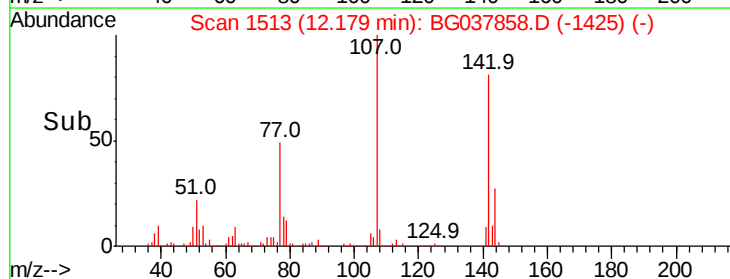
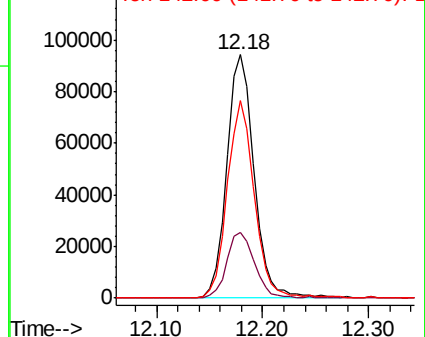
142 81.4 64.4 96.6

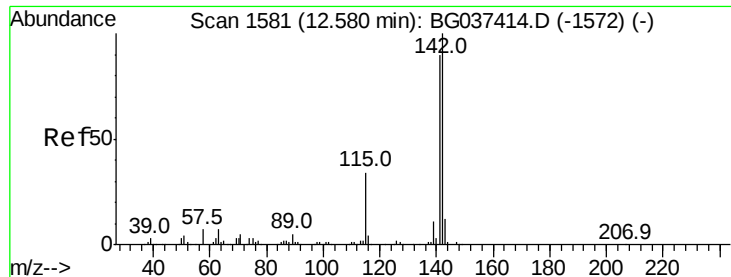


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

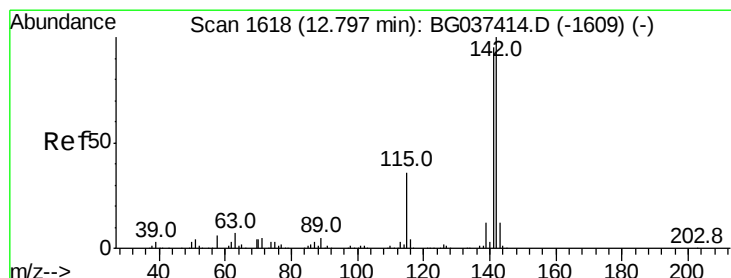
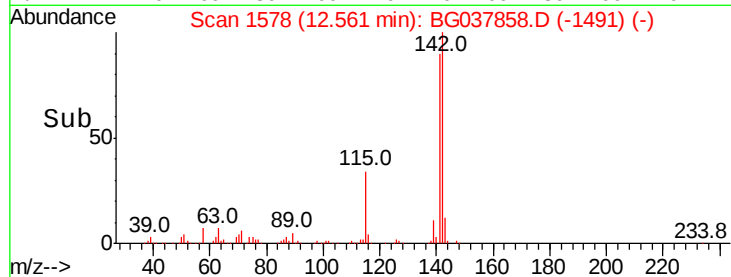
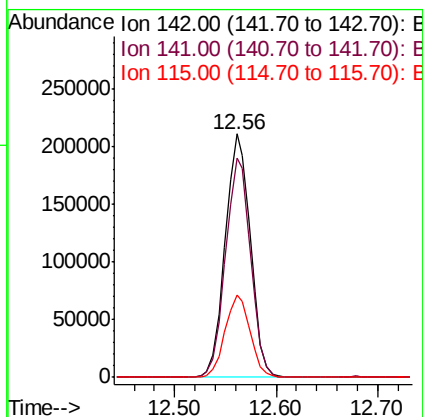
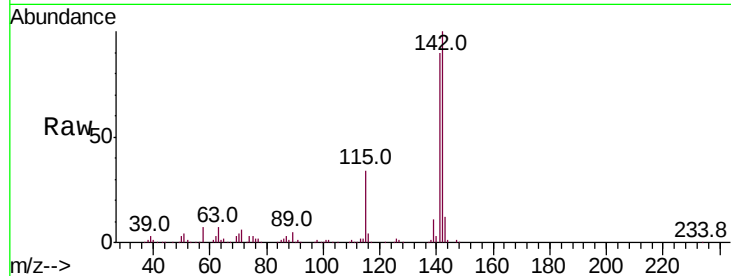




#37
2-Methylnaphthalene
Concen: 45.596 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

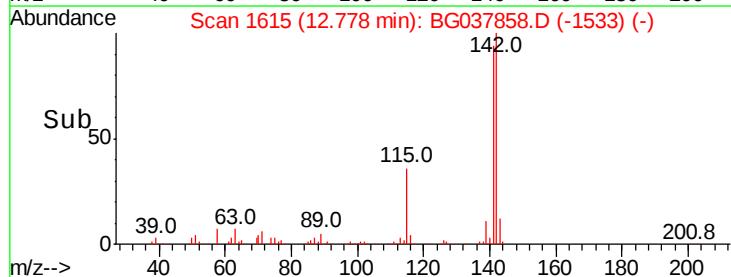
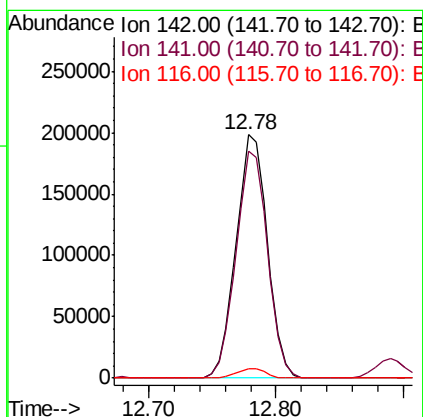
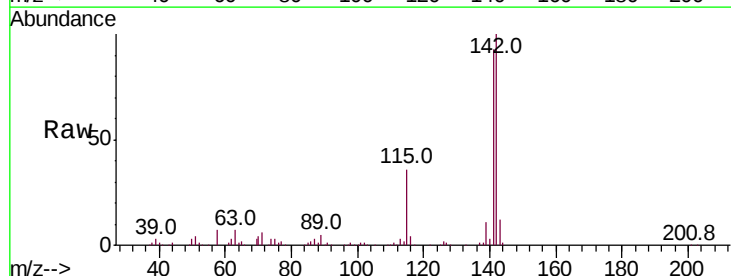
Instrument :
BNA_G
ClientSampleId :
PB114539BS

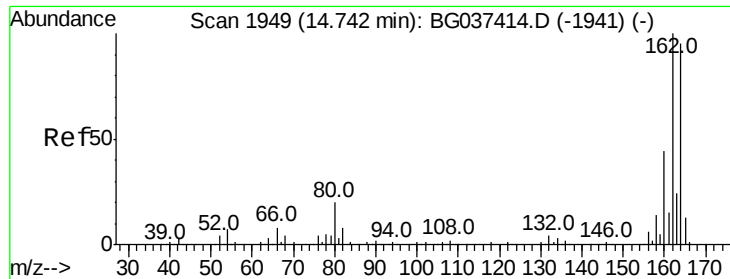
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	33.8	27.8	41.8



#38
1-Methylnaphthalene
Concen: 44.072 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

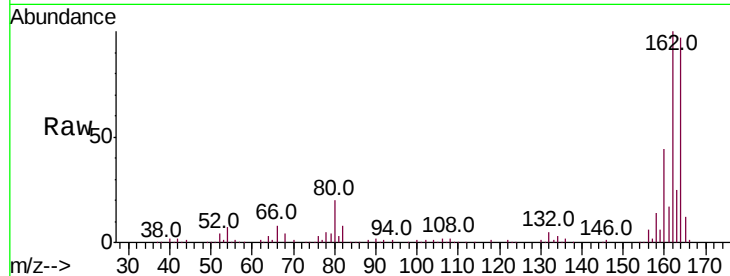
Tot Ion:164 Resp: 146672

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

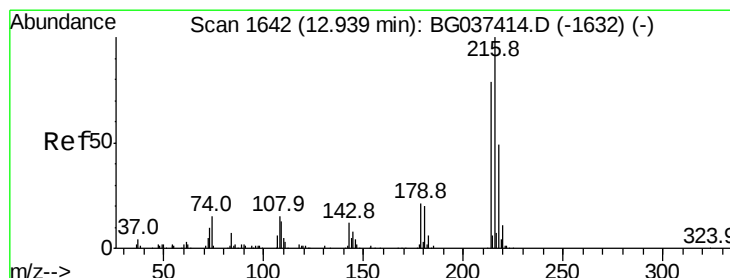
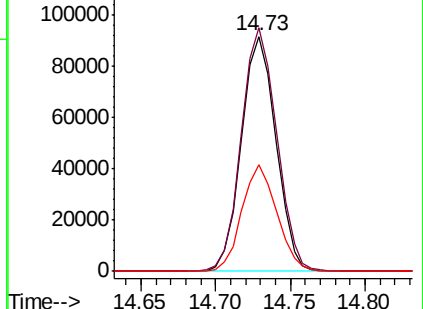
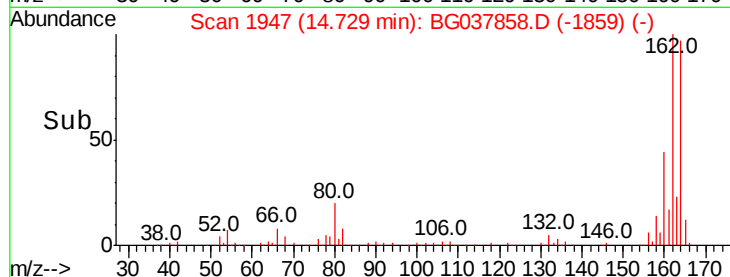
160 45.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.767 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Tgt Ion:216 Resp: 188135

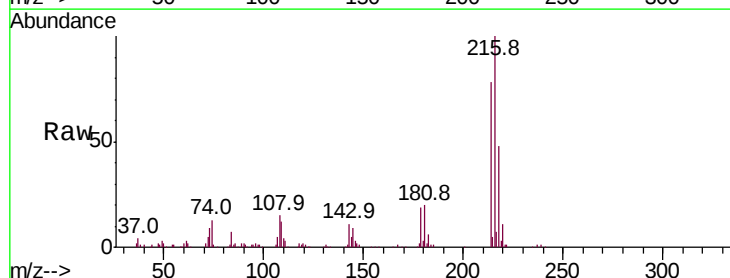
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.5 17.4 26.0

108 19.1 13.9 20.9

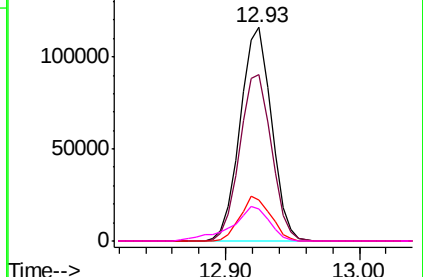
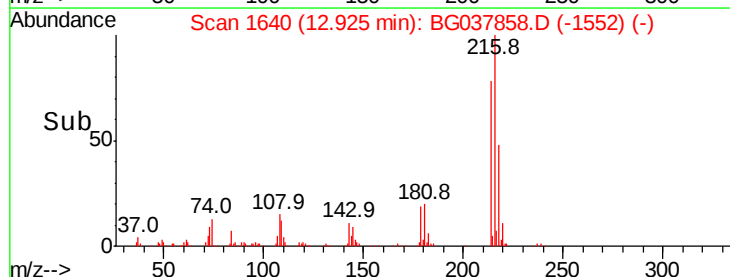


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.677 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

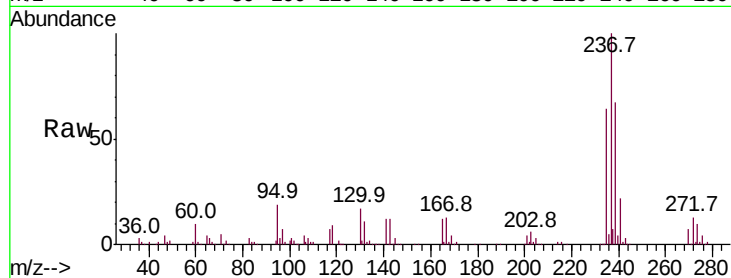
BNA_G

ClientSampleId :

PB114539BS

Tot Ion:237 Resp: 236556

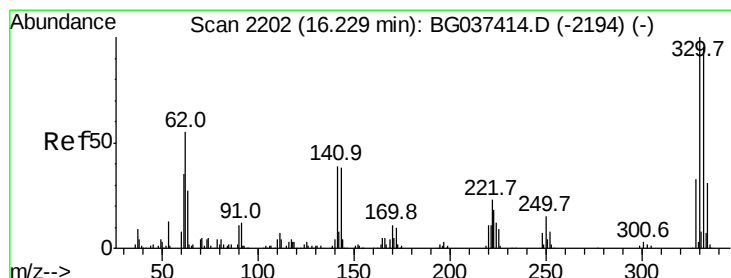
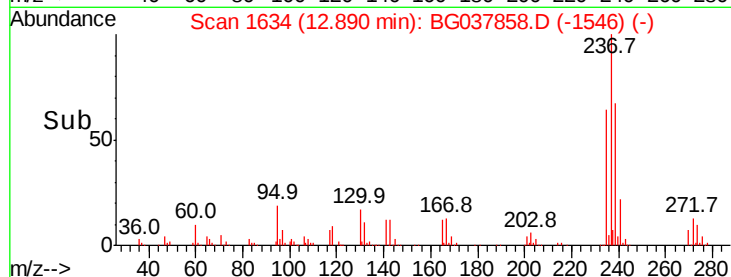
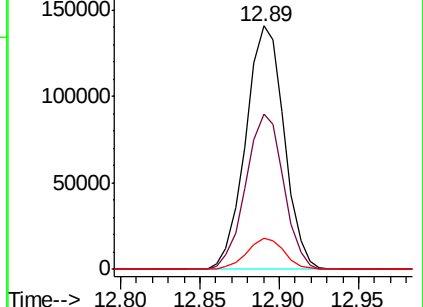
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.5	82.5
272	12.6	0.0	31.6



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: 140.491 ng

RT: 16.22 min Scan# 2200

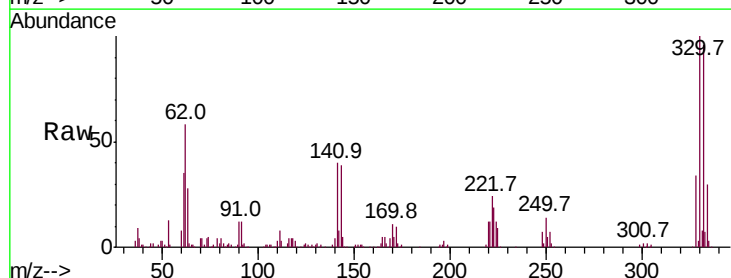
Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Tgt Ion:330 Resp: 224748

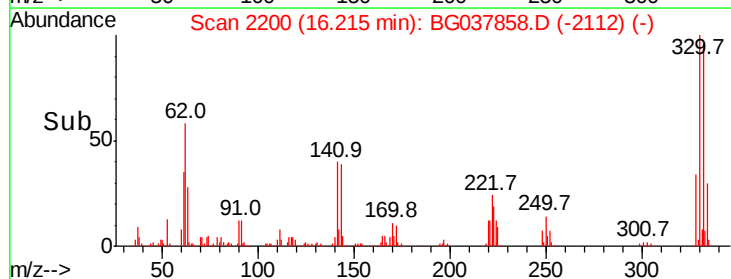
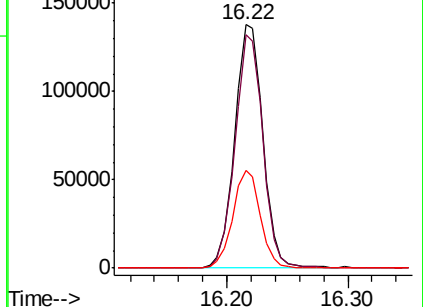
Ion	Ratio	Lower	Upper
330	100		
332	94.3	78.4	117.6
141	39.3	32.2	48.2



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

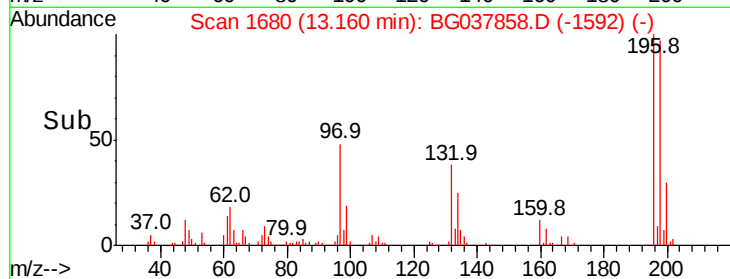
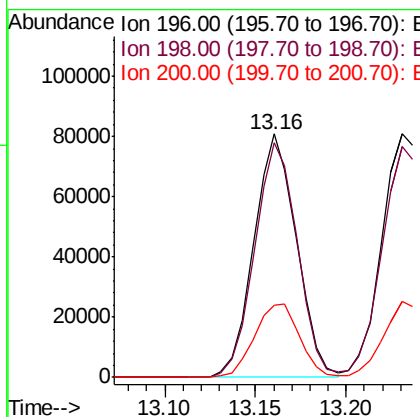
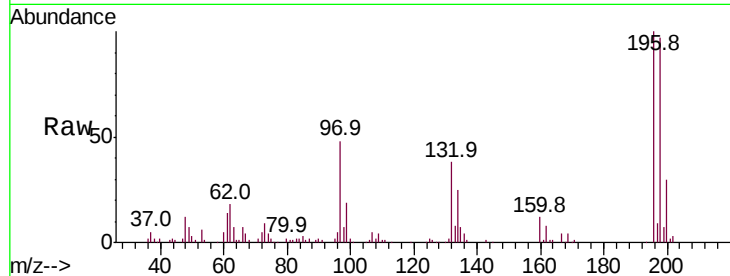




#43
 2,4,6-Trichlorophenol
 Concen: 41.732 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

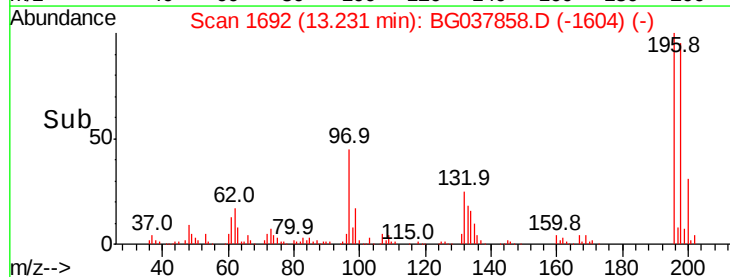
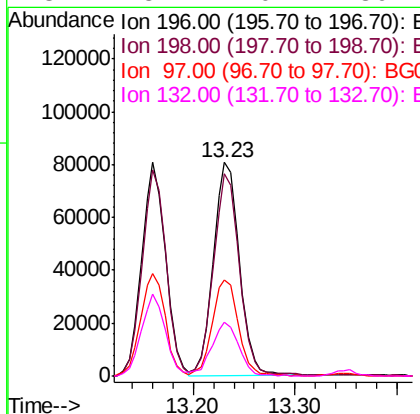
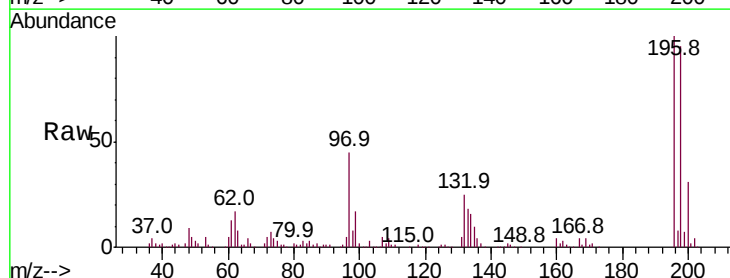
Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

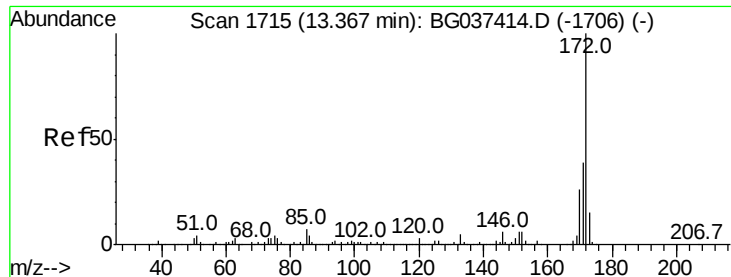
Tot Ion:196 Resp: 131903
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.4 114.6
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.790 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:196 Resp: 143809
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.2
 97 45.1 34.1 51.1
 132 25.4 20.2 30.4

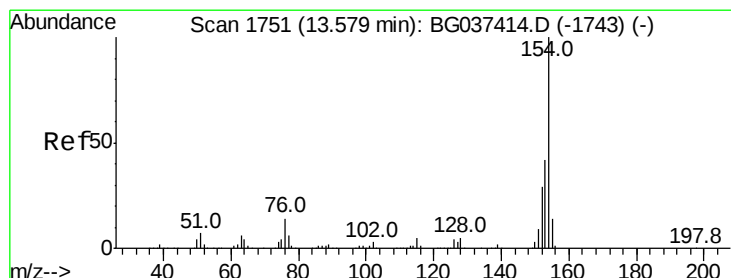
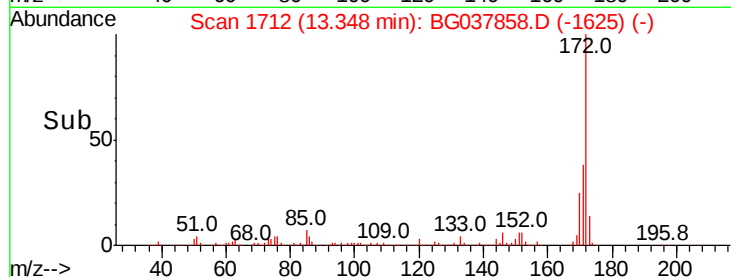
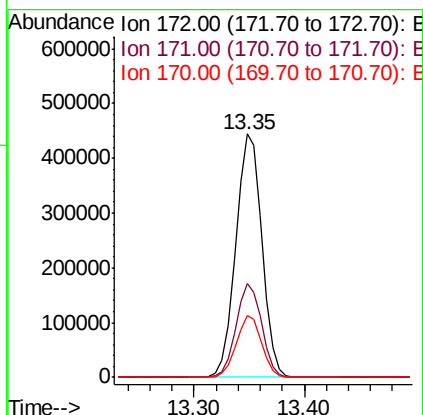
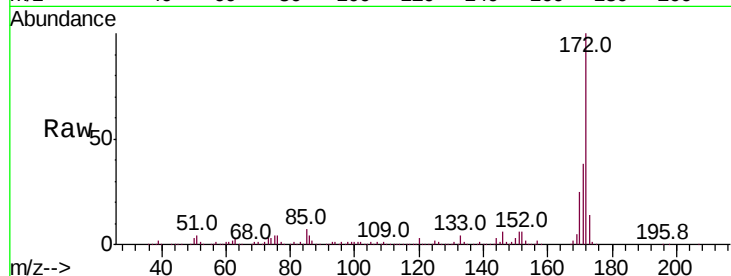




#45
2-Fluorobiphenyl
Concen: 75.749 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

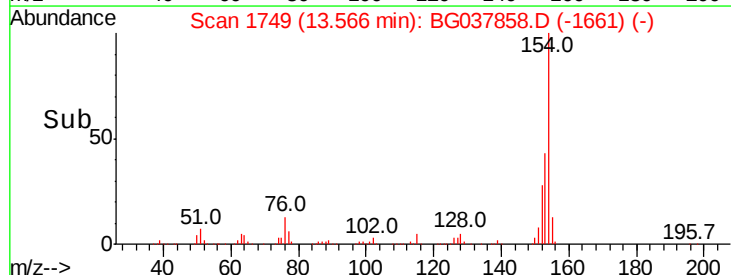
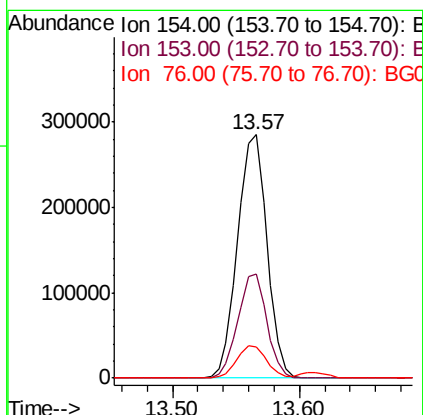
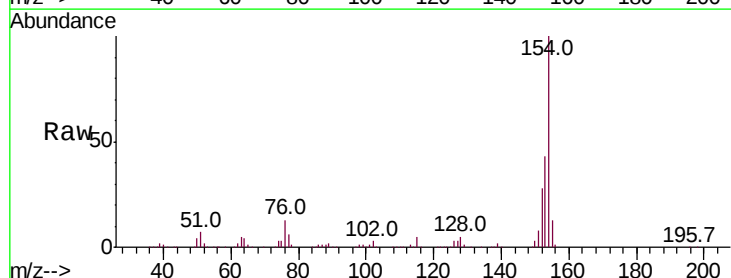
Instrument :
BNA_G
ClientSampleId :
PB114539BS

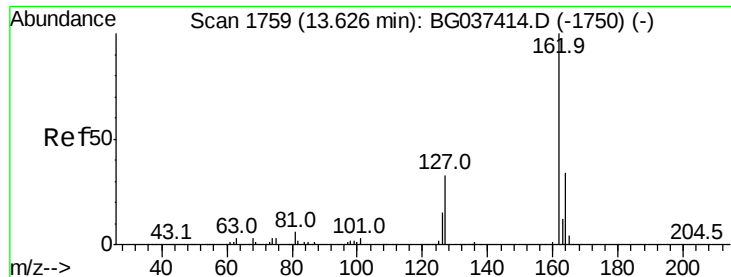
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.4	20.2	30.2



#46
1,1'-Biphenyl
Concen: 37.825 ng
RT: 13.57 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.7	0.0	33.2

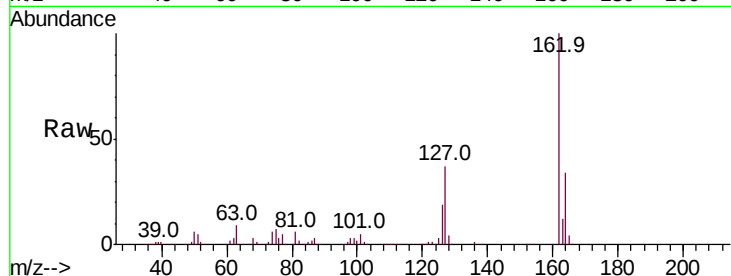




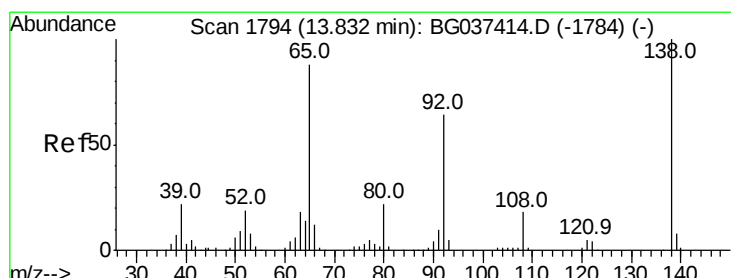
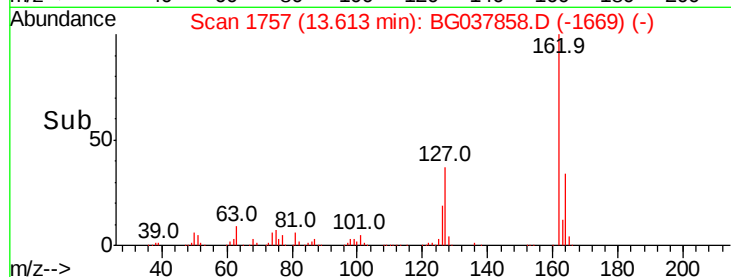
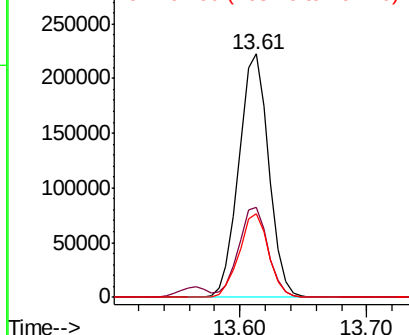
#47
2-Chloronaphthalene
Concen: 39.534 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	34.3	26.4	39.6

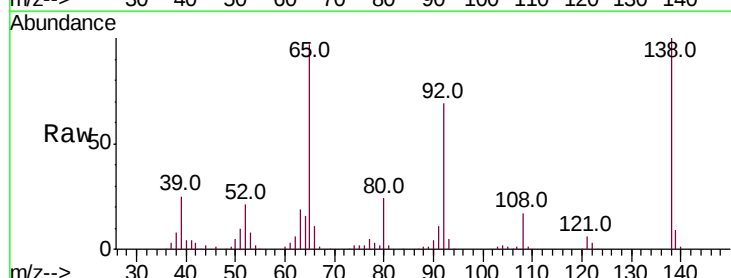


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

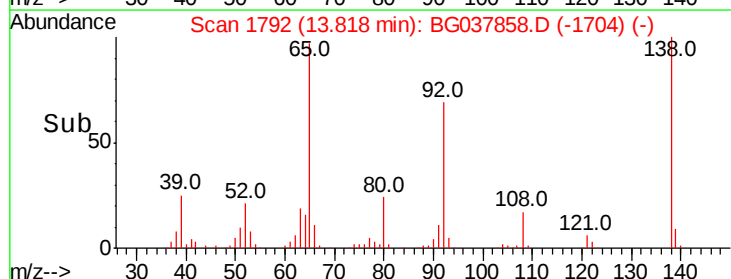
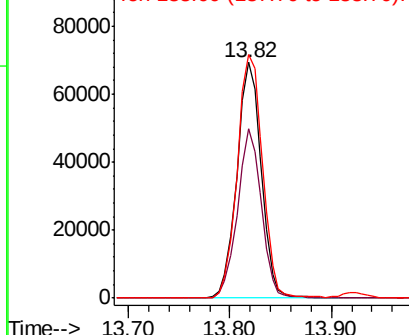


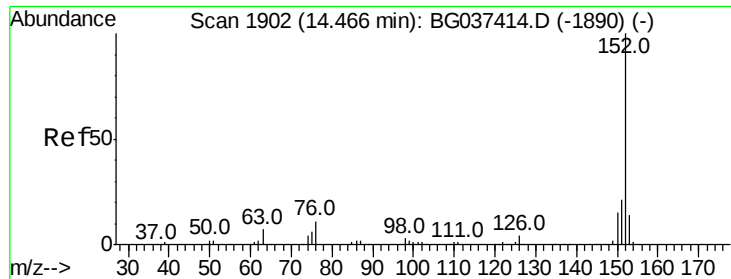
#48
2-Nitroaniline
Concen: 41.497 ng
RT: 13.82 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.2	79.8
138	103.4	79.3	118.9



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





#49

Acenaphthylene

Concen: 43.434 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

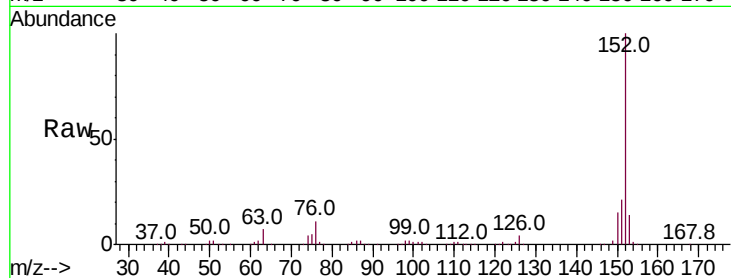
Tot Ion:152 Resp: 600419

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

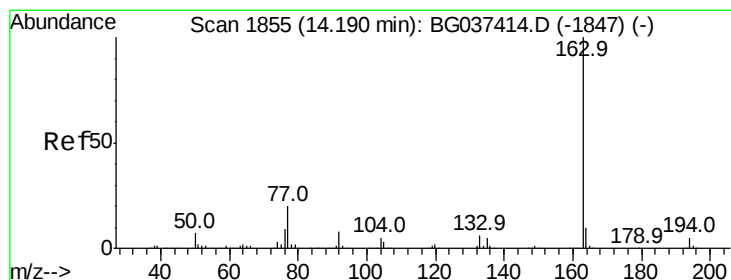
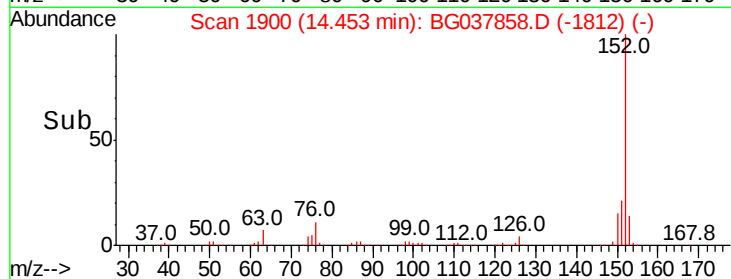
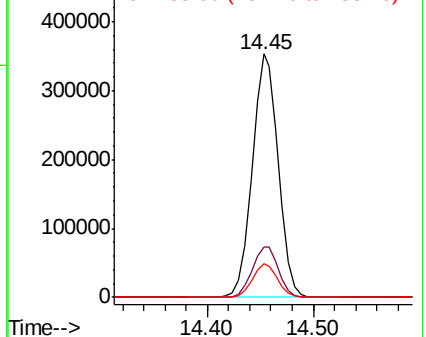
153 13.8 11.1 16.7



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: 40.400 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

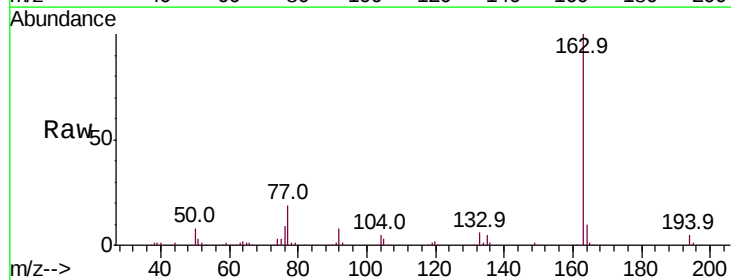
Tgt Ion:163 Resp: 458407

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

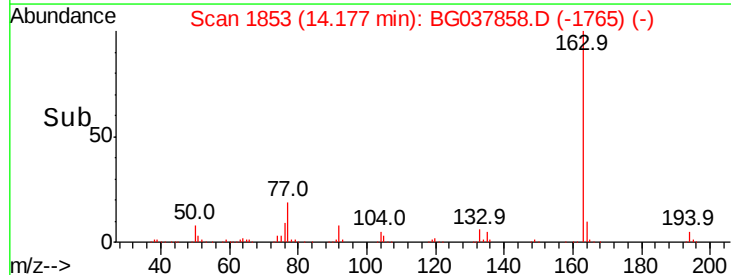
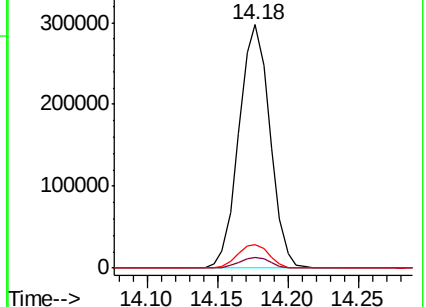
164 9.7 8.5 12.7

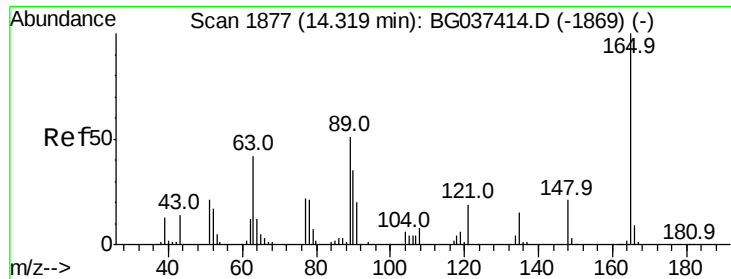


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

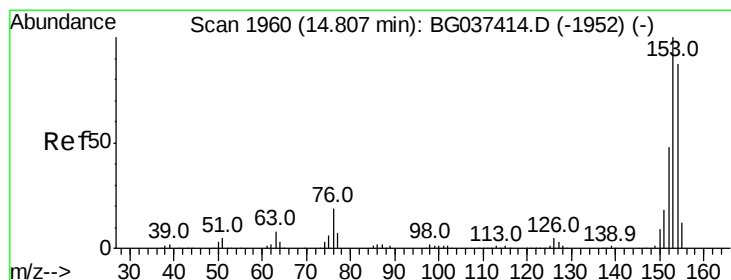
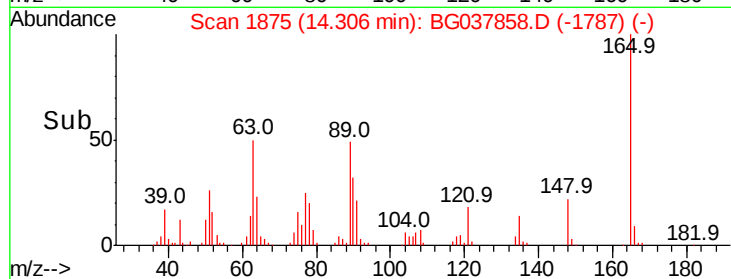
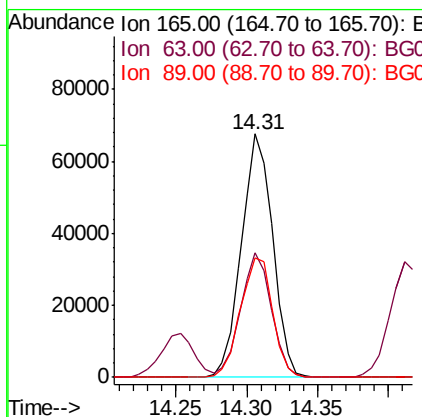
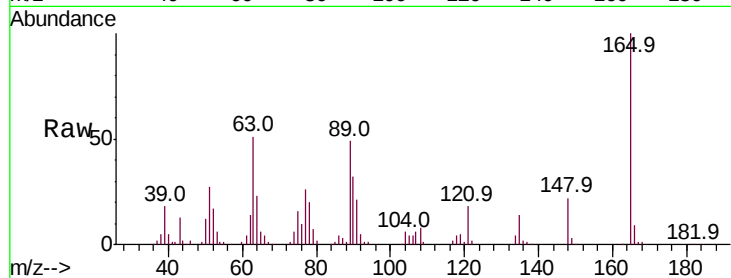




#51
 2,6-Dinitrotoluene
 Concen: 41.890 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

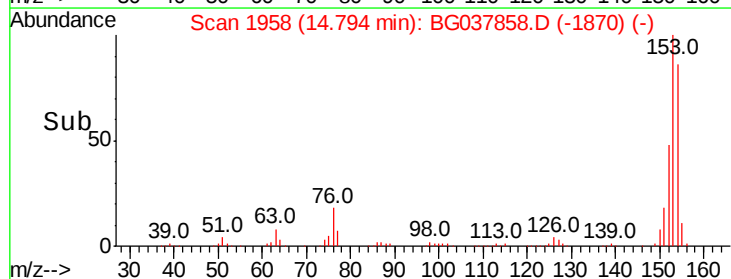
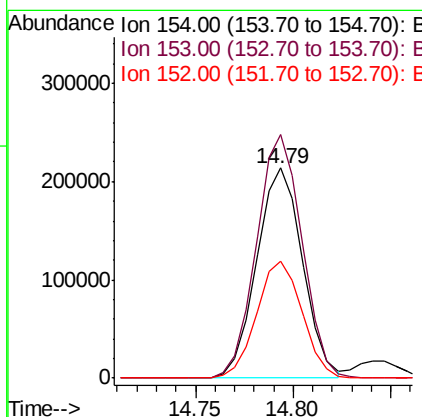
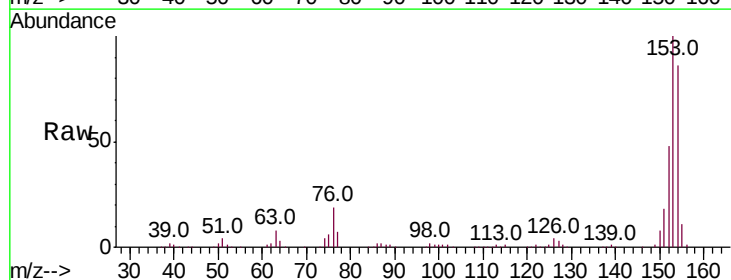
Instrument :
 BNA_G
 ClientSampled :
 PB114539BS

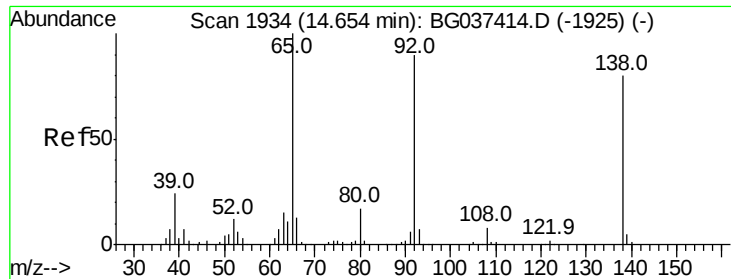
Tot Ion:165 Resp: 105149
 Ion Ratio Lower Upper
 165 100
 63 51.2 43.4 65.2
 89 49.0 45.8 68.6



#52
 Acenaphthene
 Concen: 40.735 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:154 Resp: 346802
 Ion Ratio Lower Upper
 154 100
 153 116.1 93.4 140.0
 152 55.7 44.7 67.1

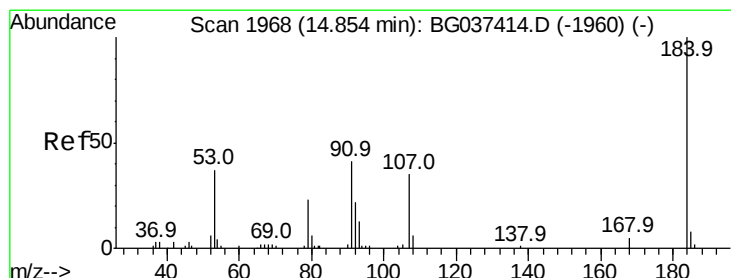
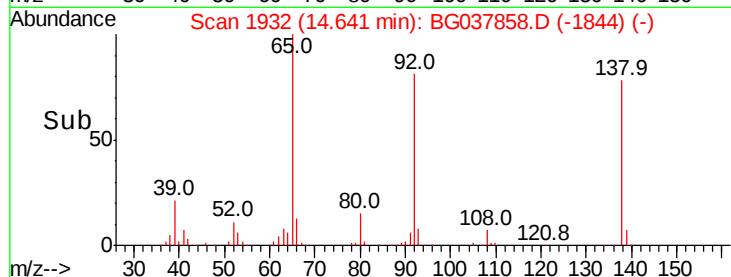
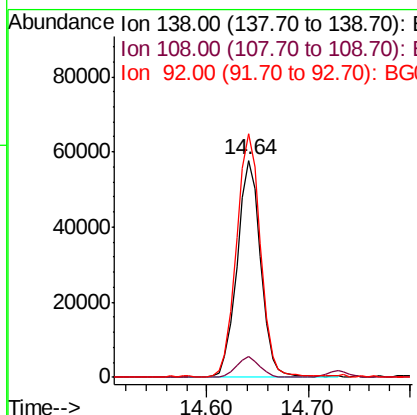
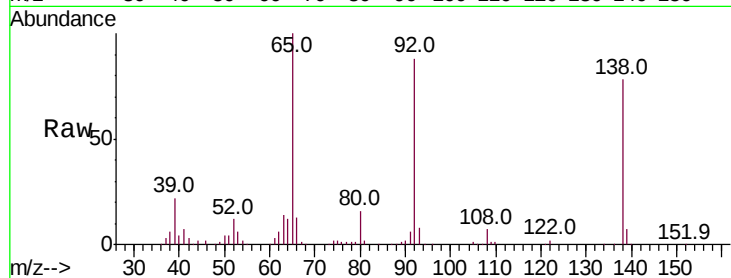




#53
 3-Nitroaniline
 Concen: 33.654 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

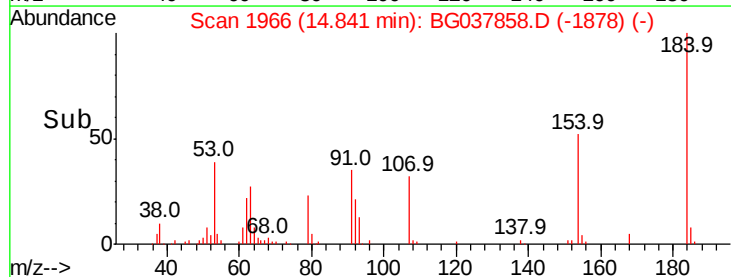
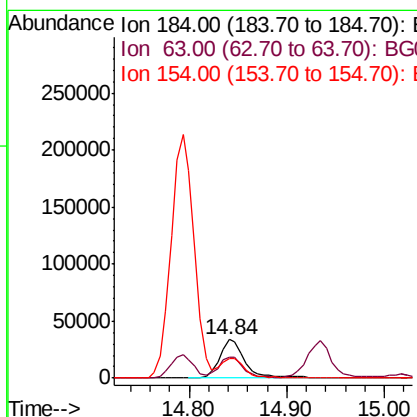
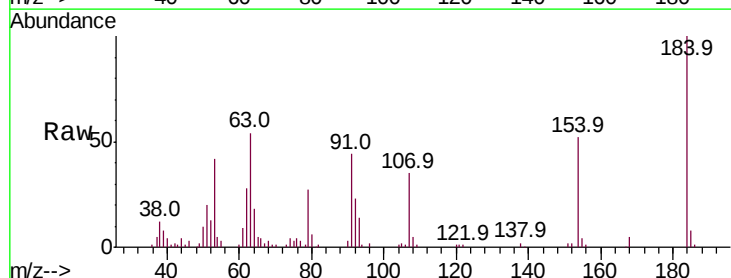
Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

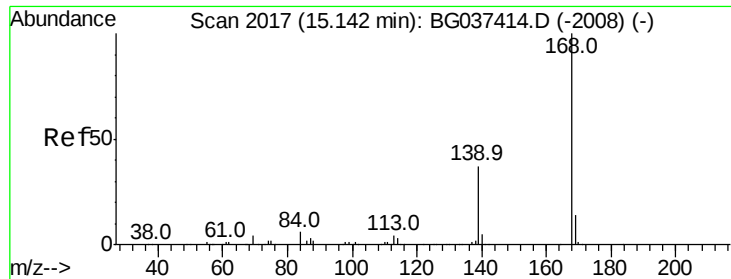
Tot Ion:138 Resp: 93779
 Ion Ratio Lower Upper
 138 100
 108 9.5 11.0 16.6#
 92 112.2 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 63.359 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:184 Resp: 60758
 Ion Ratio Lower Upper
 184 100
 63 54.3 42.6 63.8
 154 52.5 41.8 62.6

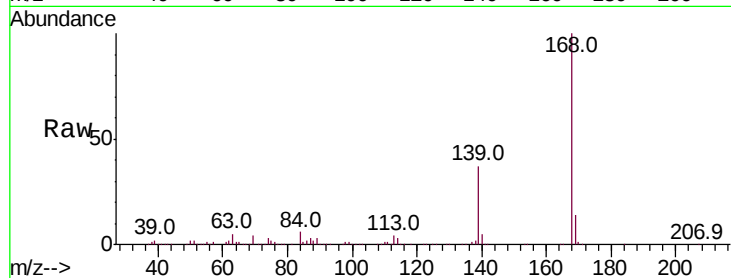




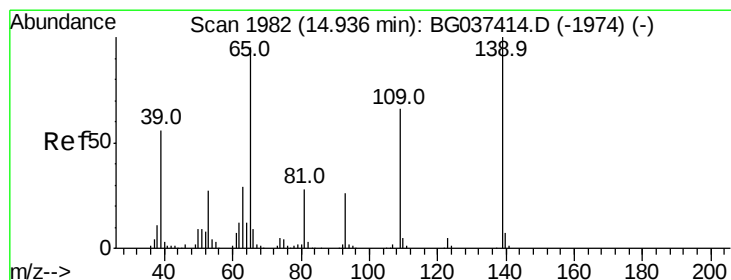
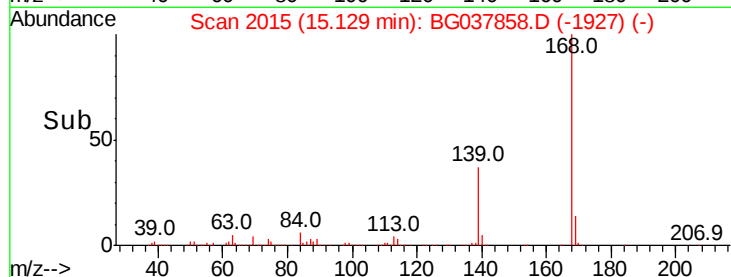
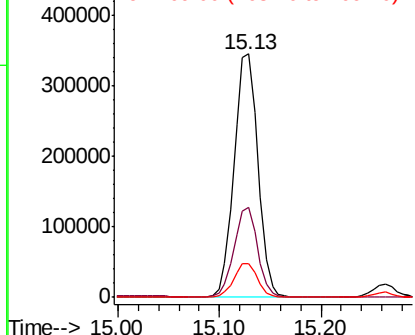
#55
Dibenzofuran
Concen: 40.048 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion:168 Resp: 564903
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 14.0 11.0 16.6

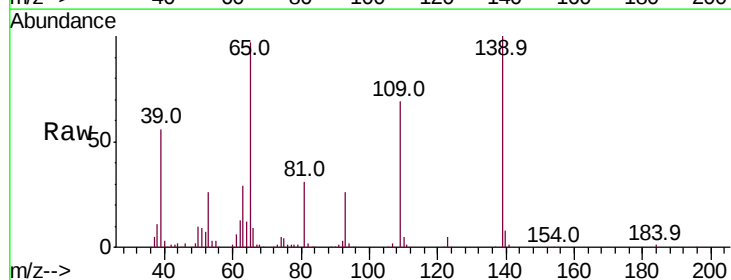


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

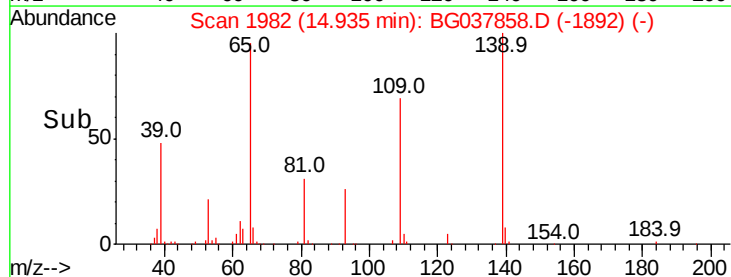
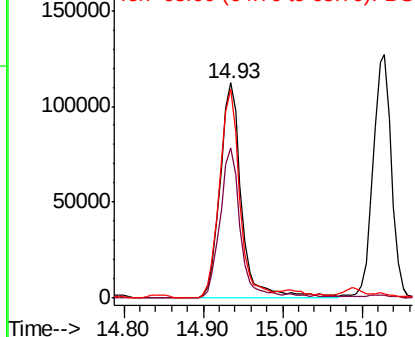


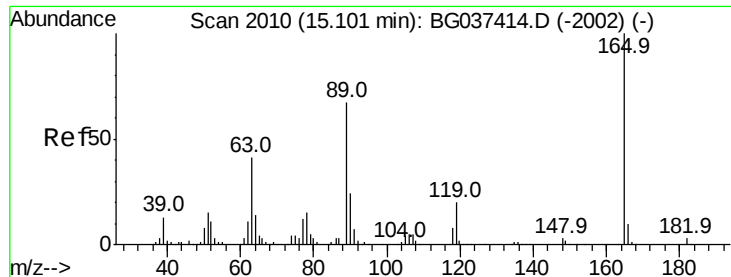
#56
4-Nitrophenol
Concen: 102.562 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:139 Resp: 211548
Ion Ratio Lower Upper
139 100
109 69.5 49.5 89.5
65 96.9 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

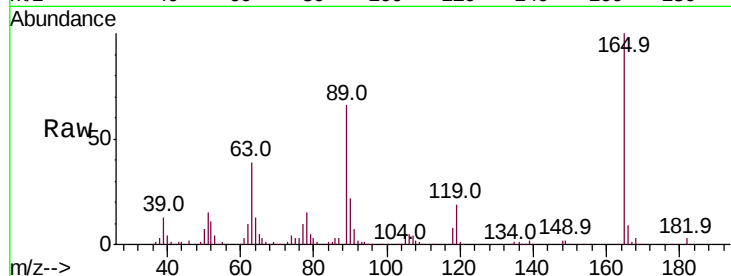




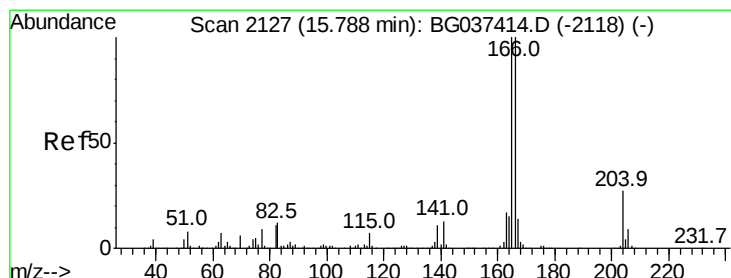
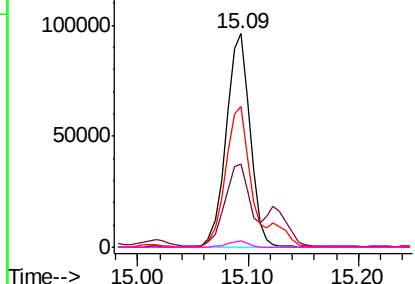
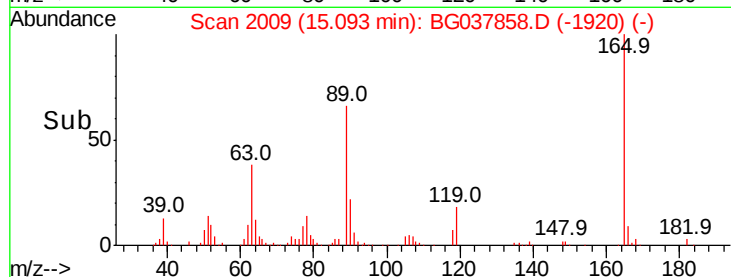
#57
2,4-Dinitrotoluene
Concen: 44.395 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion:165 Resp: 146280
Ion Ratio Lower Upper
165 100
63 38.7 33.4 50.0
89 66.1 57.2 85.8
182 3.1 2.6 4.0

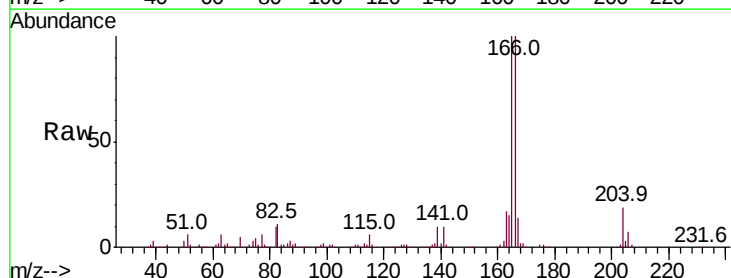


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

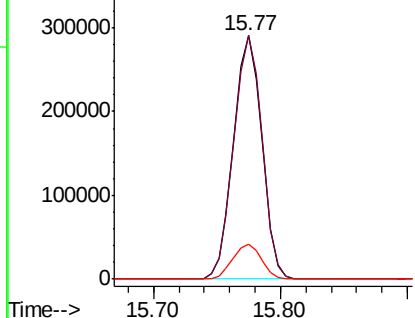
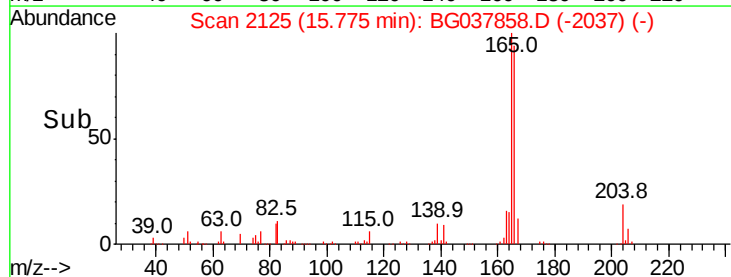


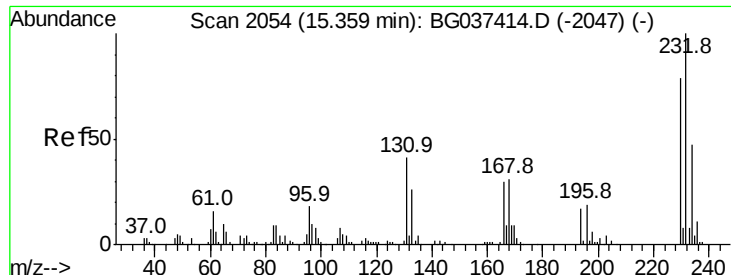
#58
Fluorene
Concen: 42.631 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:166 Resp: 450315
Ion Ratio Lower Upper
166 100
165 100.2 79.0 118.6
167 14.5 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
400000
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: 41.580 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

Tot Ion:232 Resp: 122512

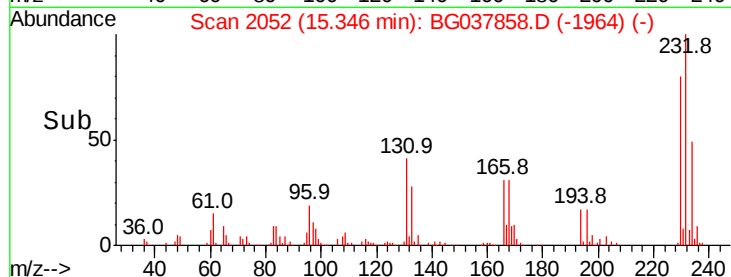
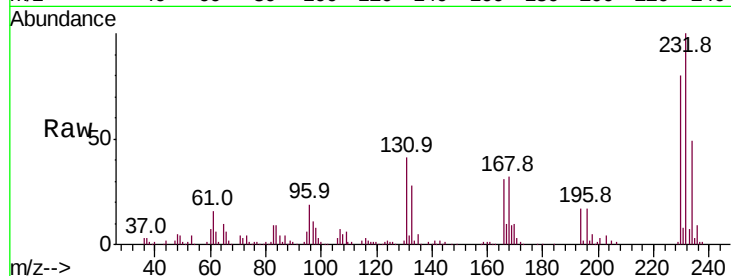
Ion Ratio Lower Upper

232 100

131 41.3 33.7 50.5

130 2.6 2.1 3.1

166 30.6 24.6 36.8

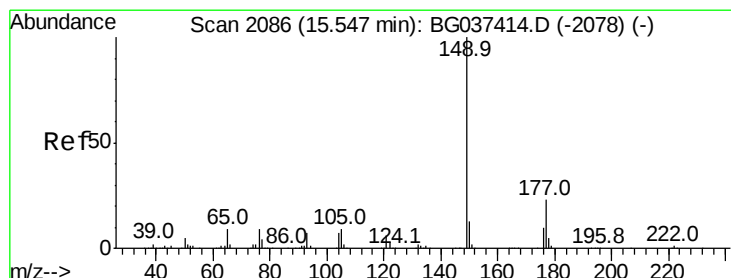
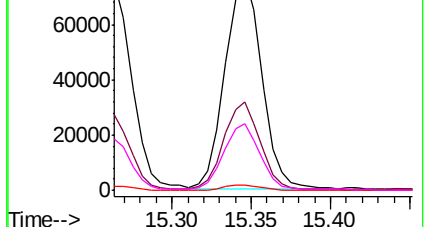


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.299 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

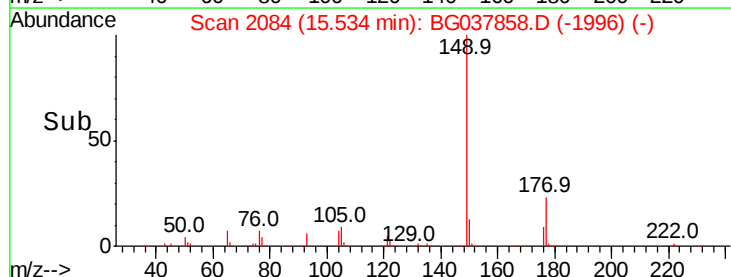
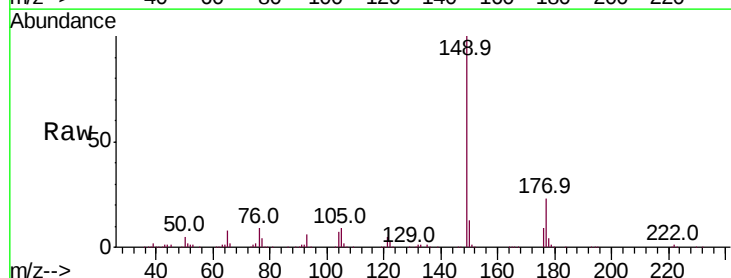
Tgt Ion:149 Resp: 469457

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

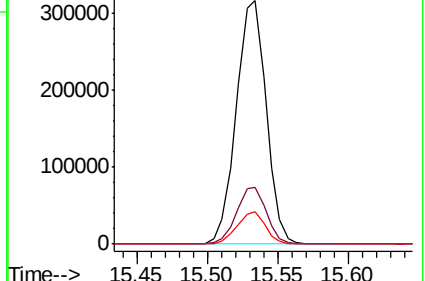
150 13.1 10.0 15.0

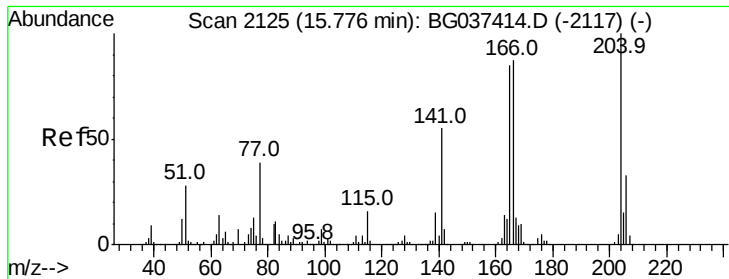


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

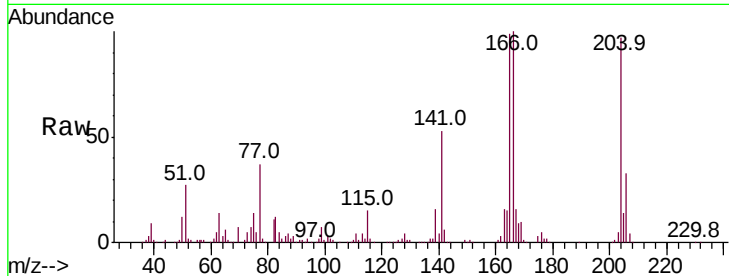




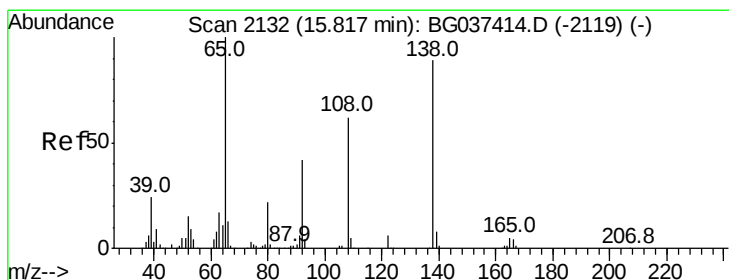
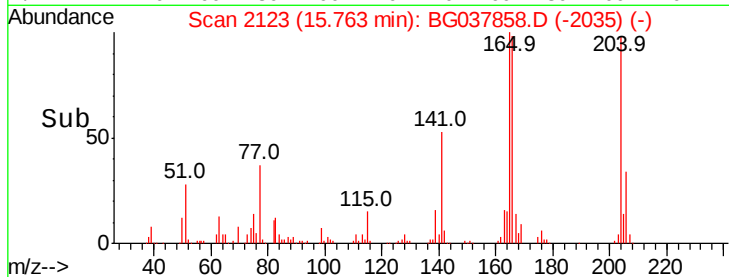
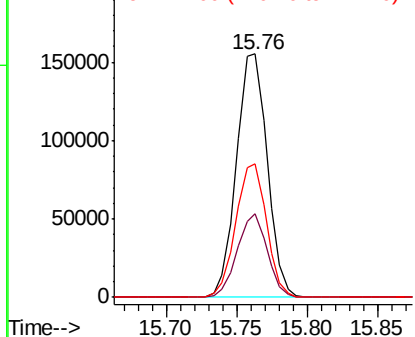
#61
 4-Chlorophenyl-phenylether
 Concen: 38.522 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Tot Ion:204 Resp: 237171
 Ion Ratio Lower Upper
 204 100
 206 34.4 26.6 39.8
 141 54.7 45.4 68.2

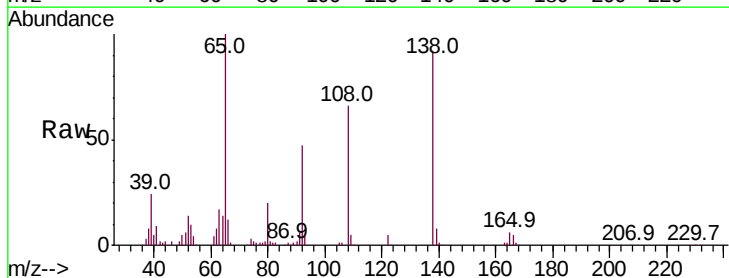


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

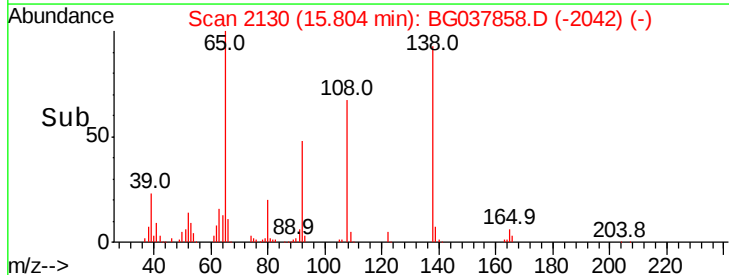
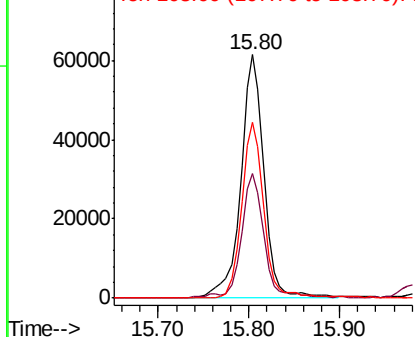


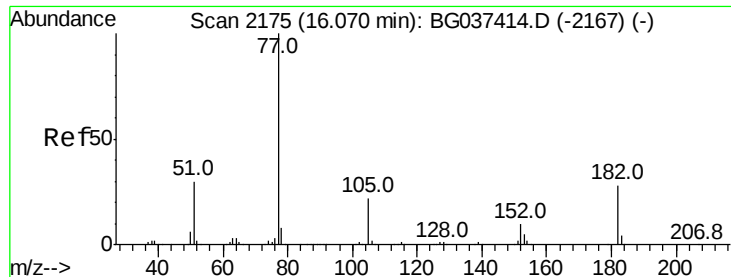
#62
 4-Nitroaniline
 Concen: 39.197 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:138 Resp: 108534
 Ion Ratio Lower Upper
 138 100
 92 51.3 36.4 76.4
 108 72.4 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

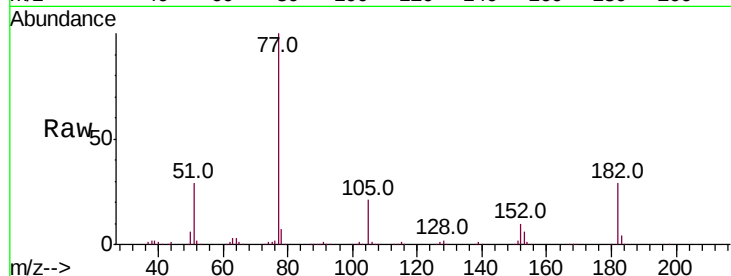




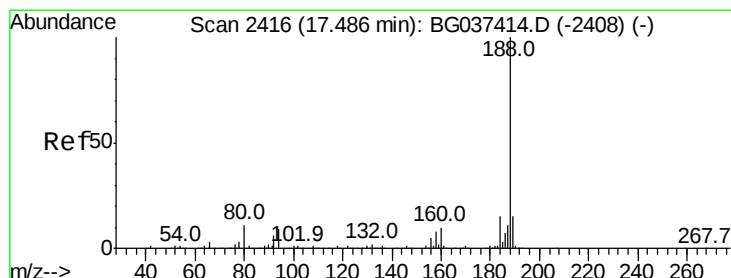
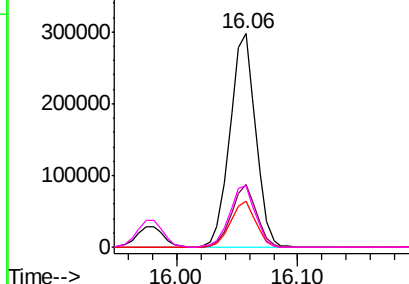
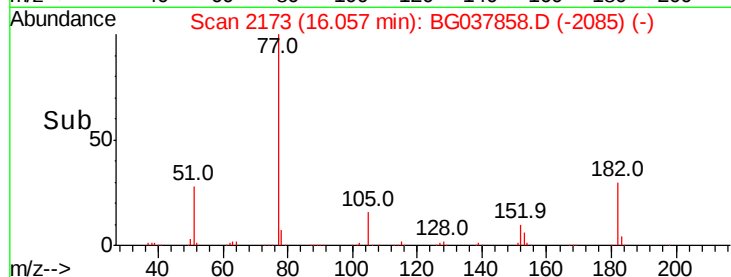
#63
Azobenzene
Concen: 39.650 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion: 77 Resp: 440703
Ion Ratio Lower Upper
77 100
182 29.5 8.0 48.0
105 21.5 1.3 41.3
51 28.9 10.7 50.7

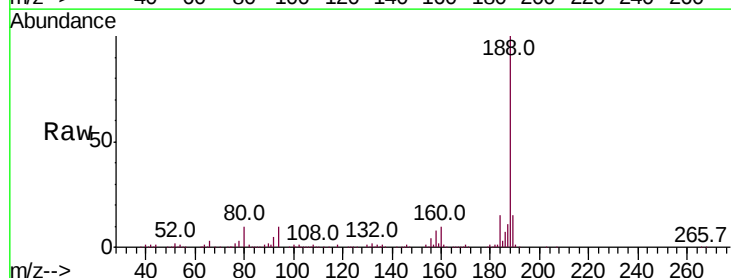


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

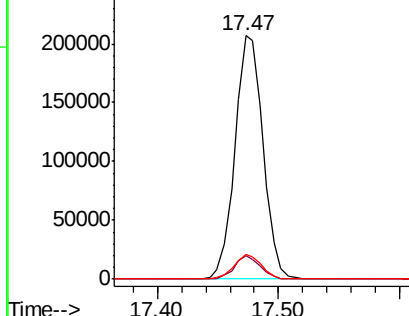
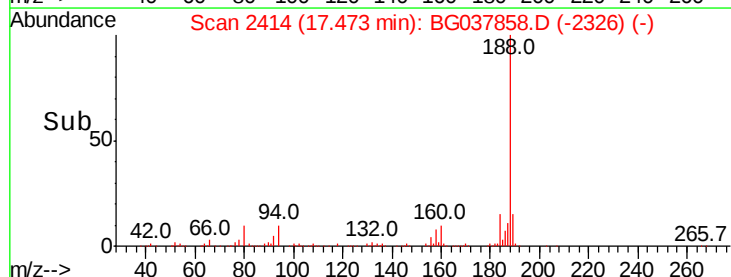


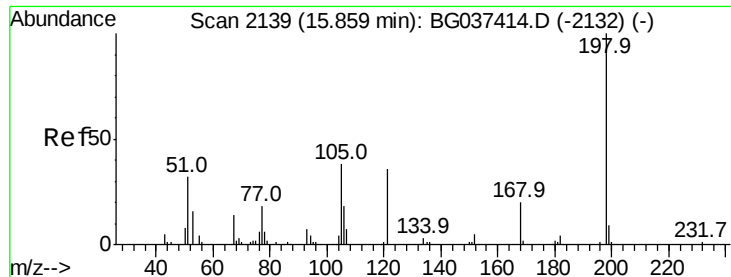
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion: 188 Resp: 334649
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

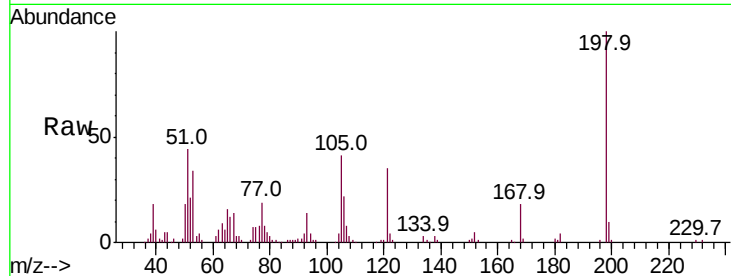




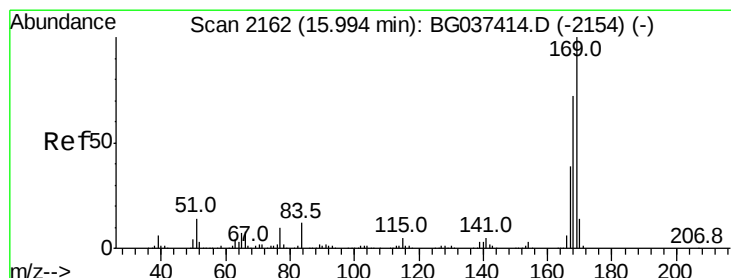
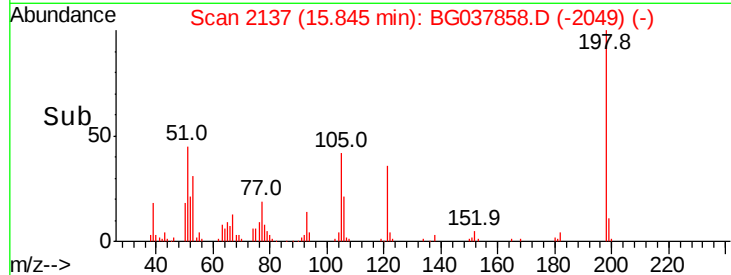
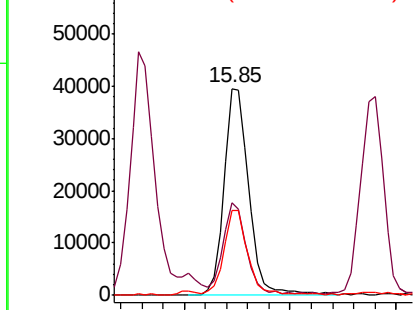
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.615 ng
 RT: 15.85 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Tot Ion:198 Resp: 64261
 Ion Ratio Lower Upper
 198 100
 51 44.5 22.7 62.7
 105 40.9 19.7 59.7

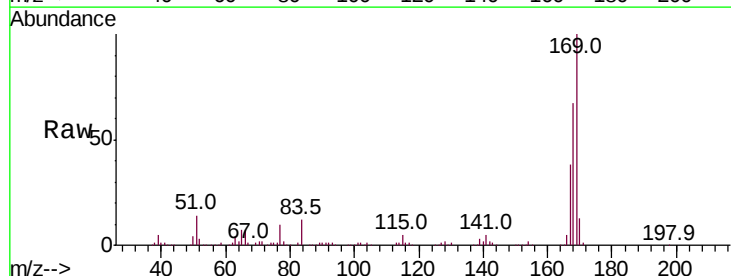


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

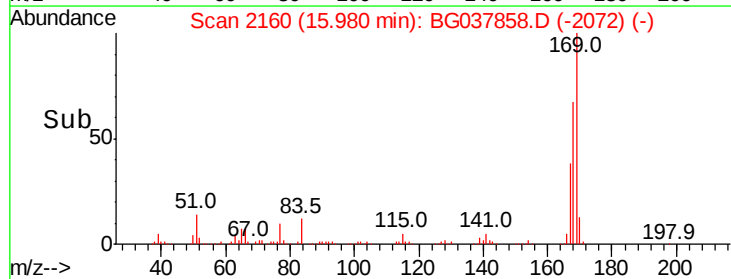
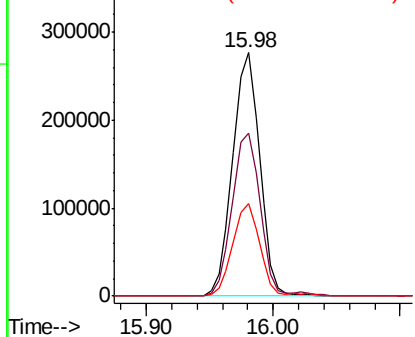


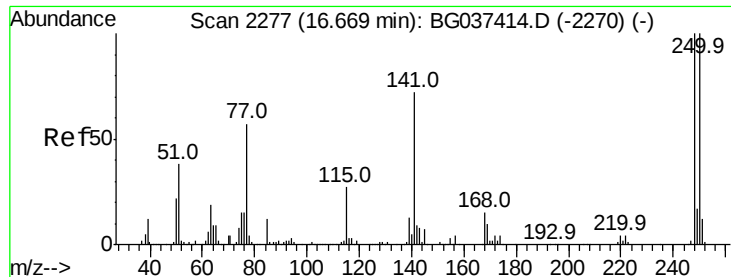
#66
 n-Nitrosodiphenylamine
 Concen: 40.652 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:169 Resp: 409215
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.7 83.5
 167 37.9 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

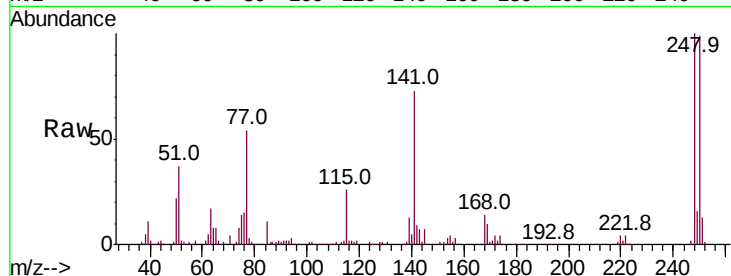




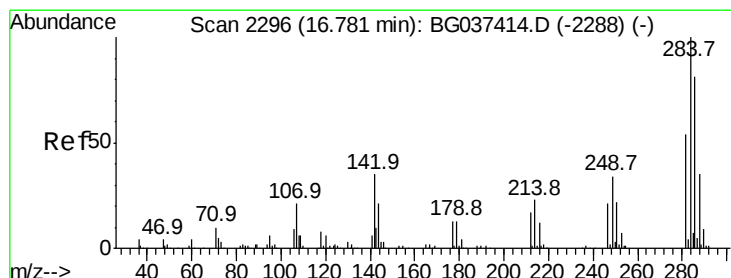
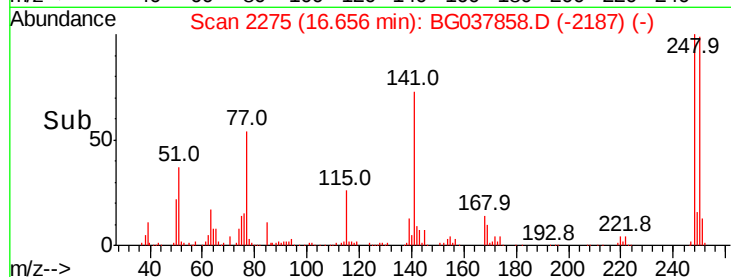
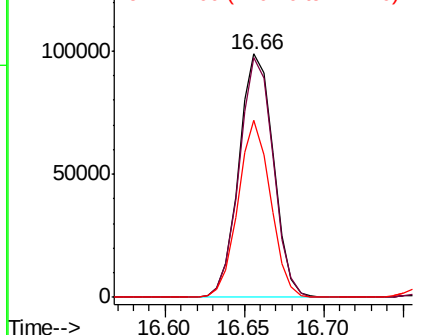
#67
 4-Bromophenyl-phenylether
 Concen: 40.577 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Tot Ion:248 Resp: 149119
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.0 115.6
 141 72.8 55.5 83.3

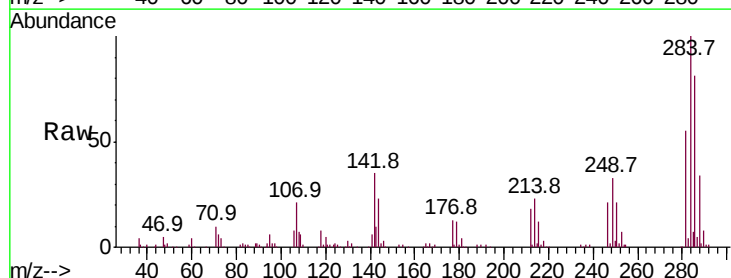


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

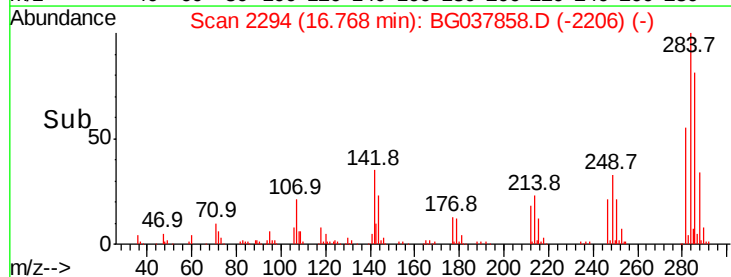
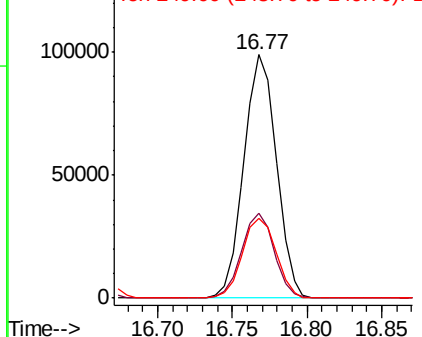


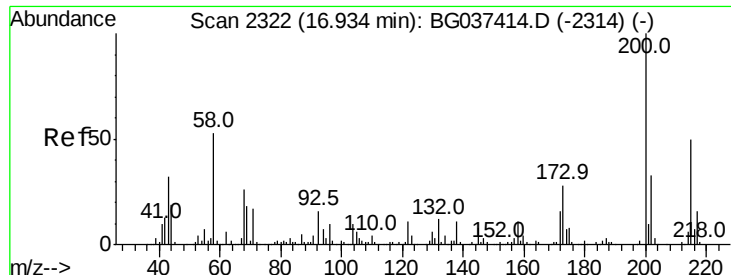
#68
 Hexachlorobenzene
 Concen: 39.261 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:284 Resp: 149539
 Ion Ratio Lower Upper
 284 100
 142 35.0 28.1 42.1
 249 35.3 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

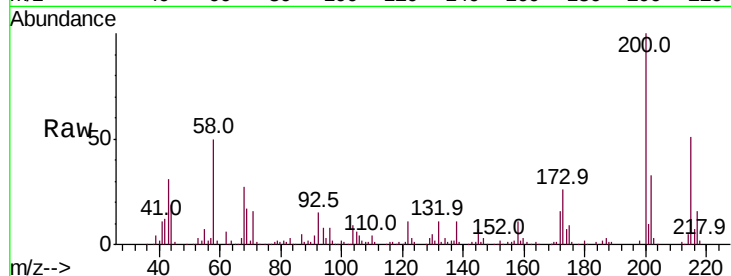




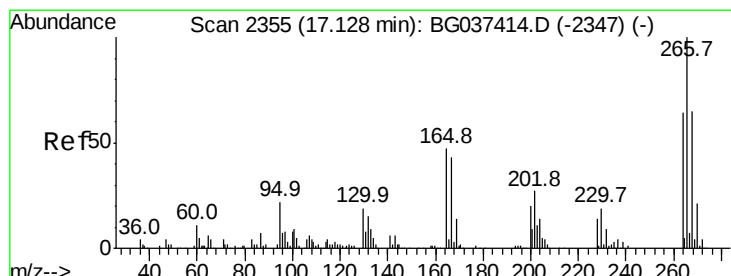
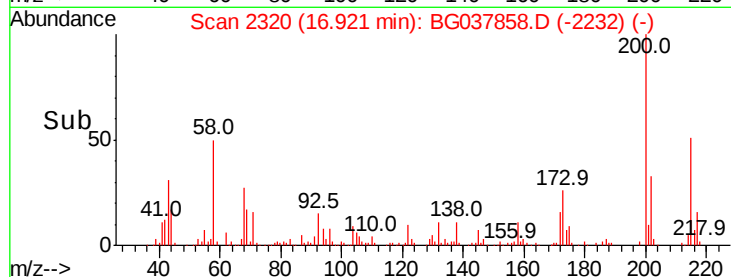
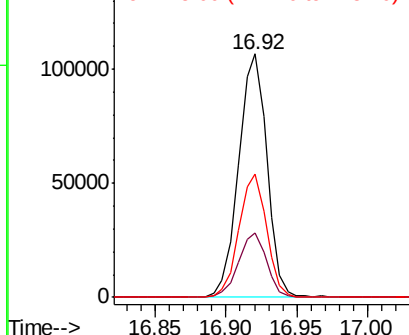
#69
 Atrazine
 Concen: 41.034 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

Tot Ion:200 Resp: 149344
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.1 46.1
 215 50.9 30.8 70.8

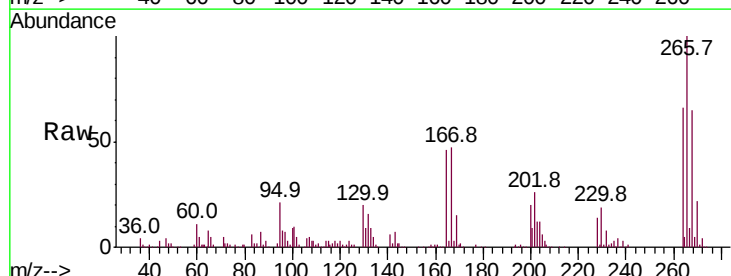


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

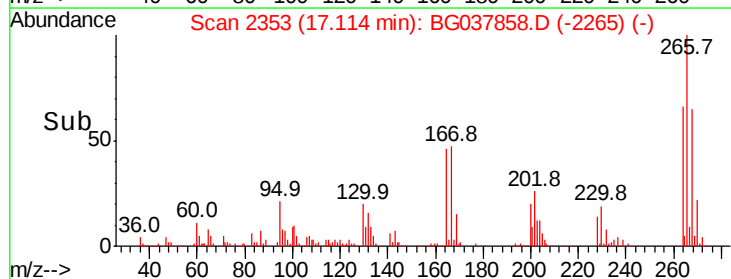
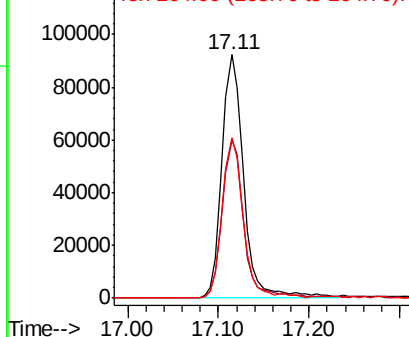


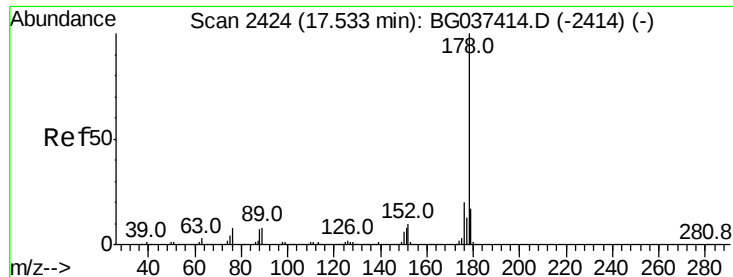
#70
 Pentachlorophenol
 Concen: 60.429 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion:266 Resp: 154170
 Ion Ratio Lower Upper
 266 100
 268 69.6 55.0 82.6
 264 70.7 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

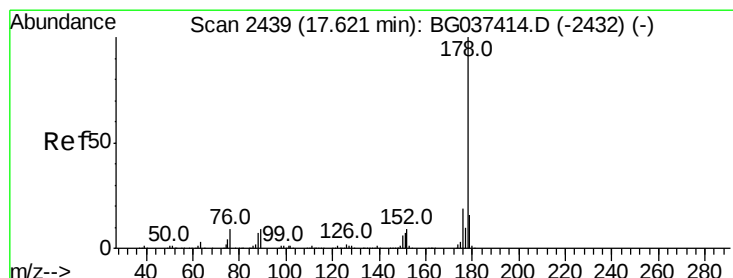
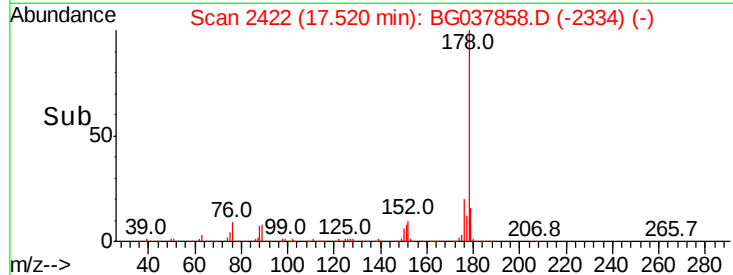
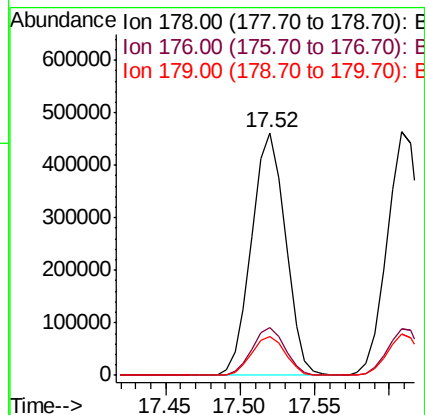
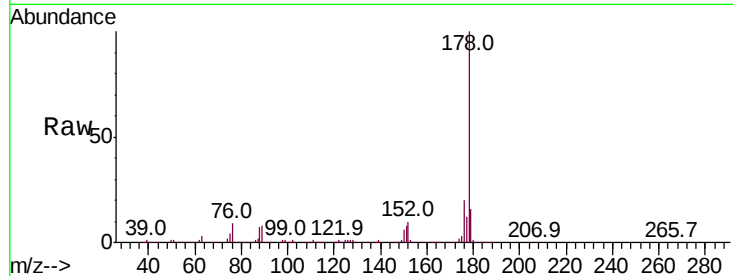




#71
Phenanthrene
Concen: 42.721 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

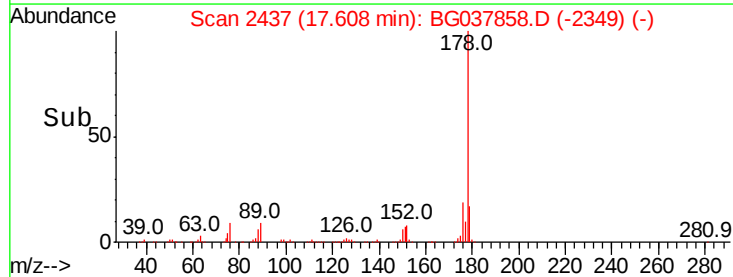
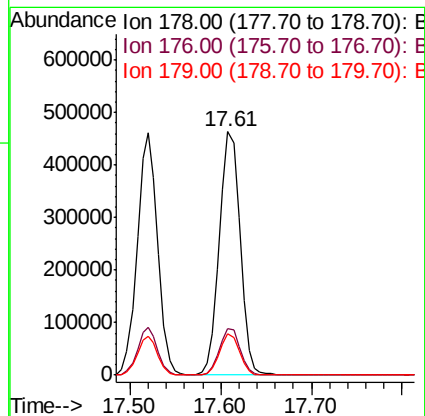
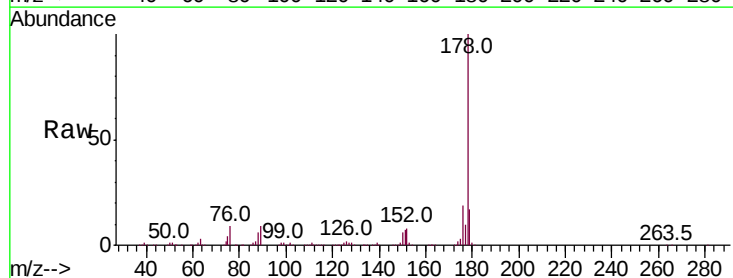
Instrument :
BNA_G
ClientSampleId :
PB114539BS

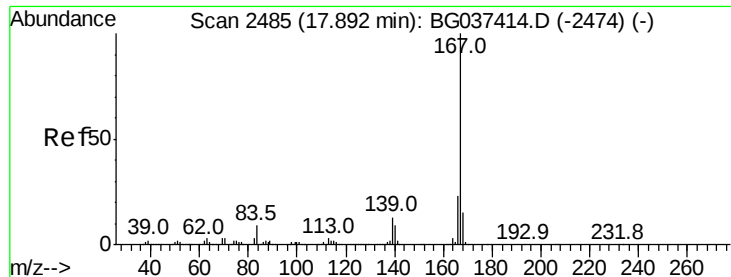
Tot Ion:178 Resp: 726596
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.9 13.0 19.4



#72
Anthracene
Concen: 44.046 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion:178 Resp: 735167
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 17.0 12.8 19.2





#73

Carbazole

Concen: 39.182 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

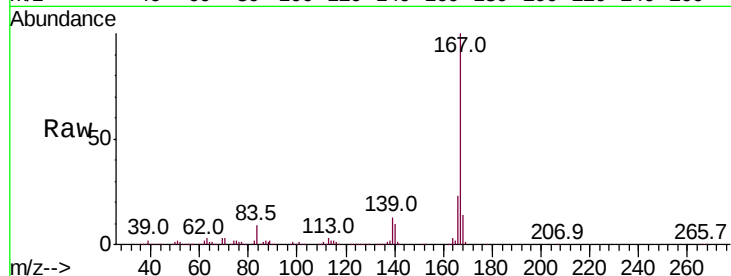
Tot Ion:167 Resp: 654175

Ion Ratio Lower Upper

167 100

166 22.8 18.3 27.5

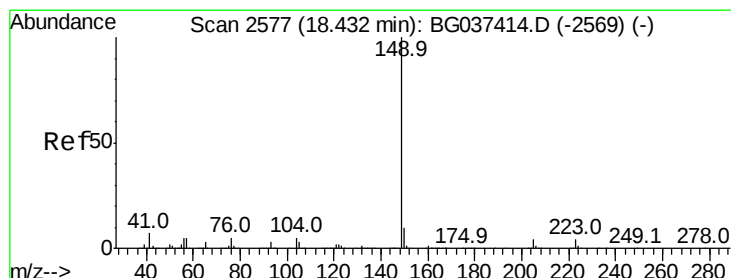
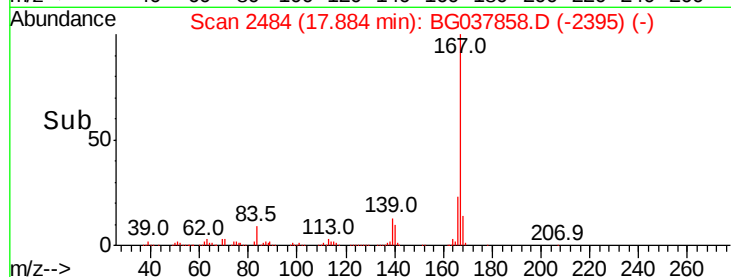
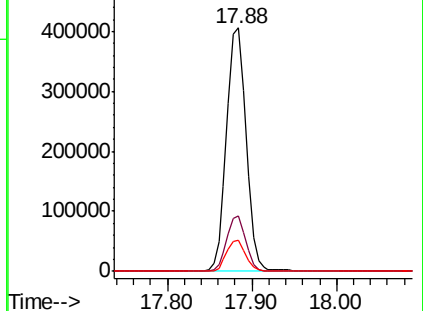
139 12.9 10.5 15.7



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: 42.014 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

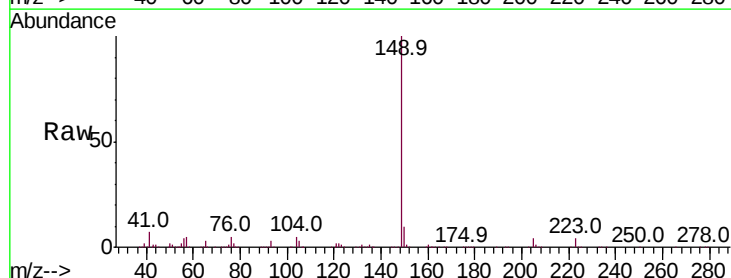
Tgt Ion:149 Resp: 780310

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

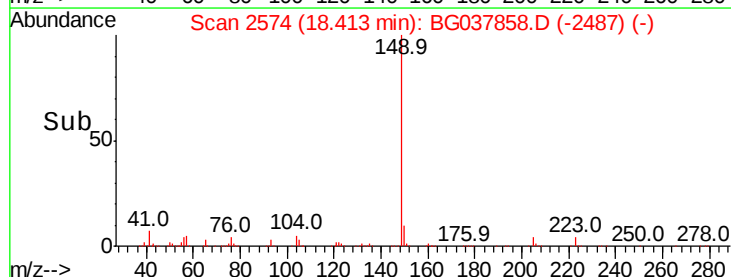
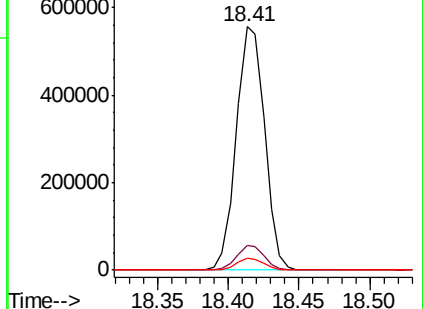
104 4.8 4.0 6.0



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: 42.381 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

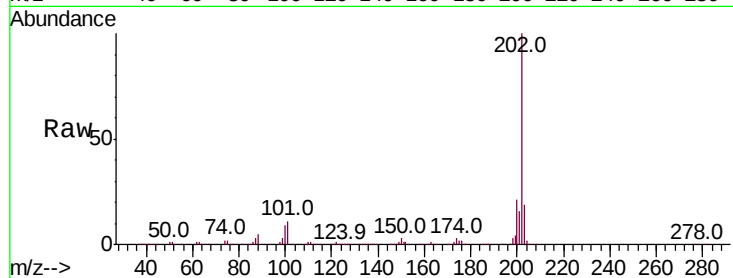
Tot Ion:202 Resp: 817544

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

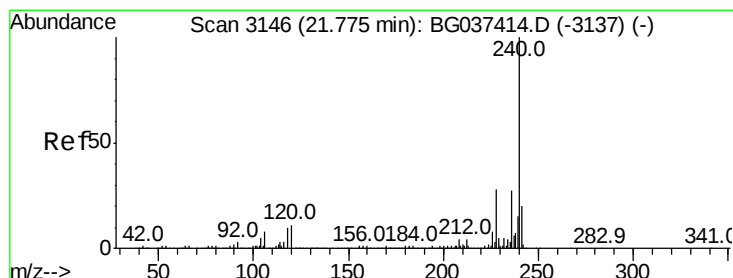
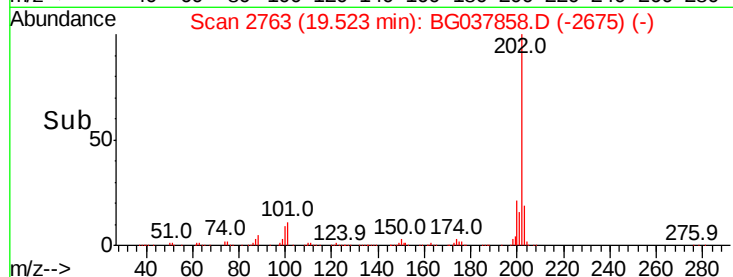
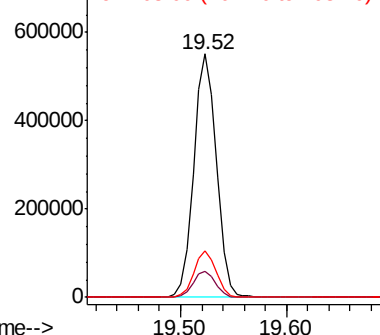
203 19.0 0.0 38.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

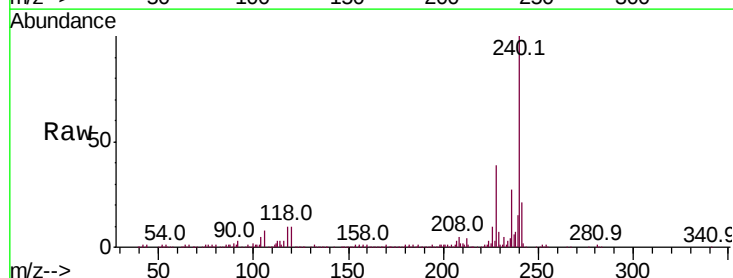
Tgt Ion:240 Resp: 290743

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

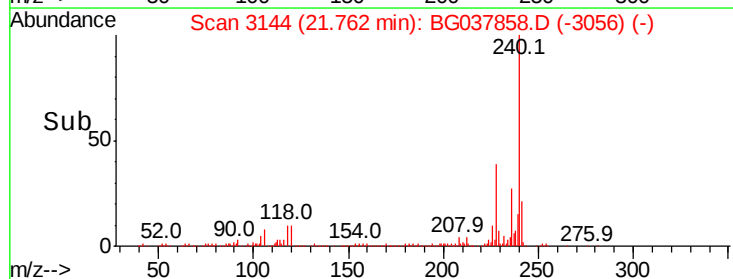
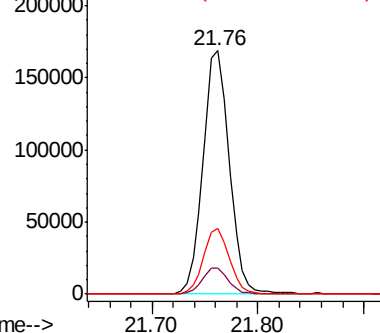
236 27.2 21.4 32.0



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: 30.609 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

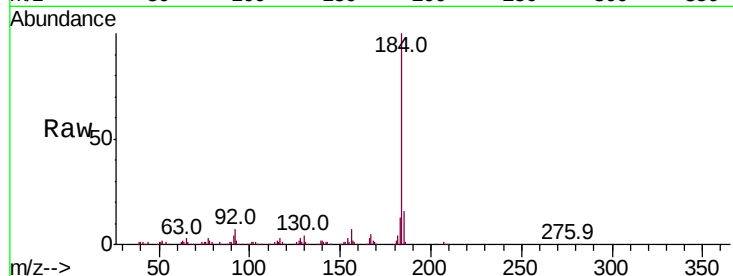
BNA_G

ClientSampleId :

PB114539BS

Tot Ion:184 Resp: 302597

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	13.1	10.2	15.2

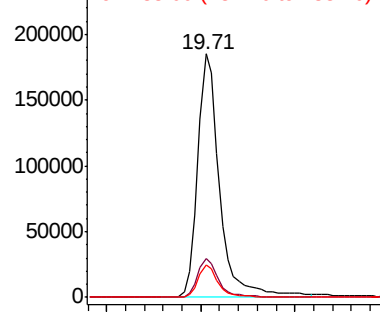


Abundance Ion 184.00 (183.70 to 184.70): E

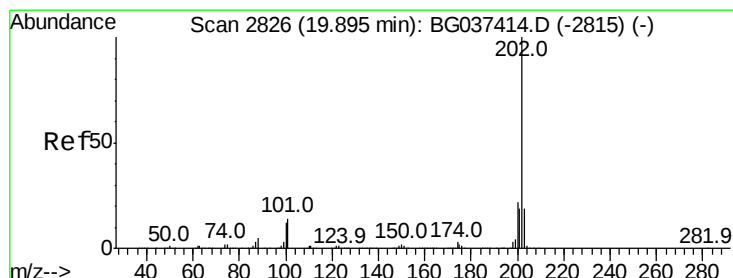
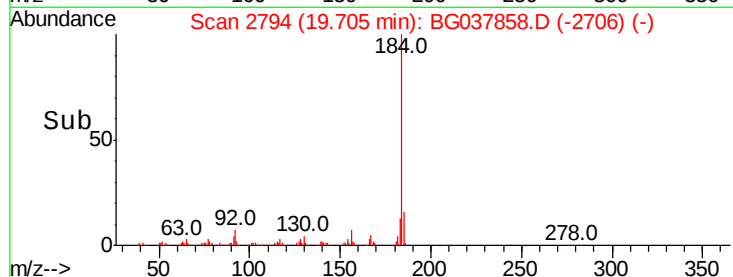
250000

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.60 19.70 19.80



#78

Pyrene

Concen: 43.492 ng

RT: 19.89 min Scan# 2825

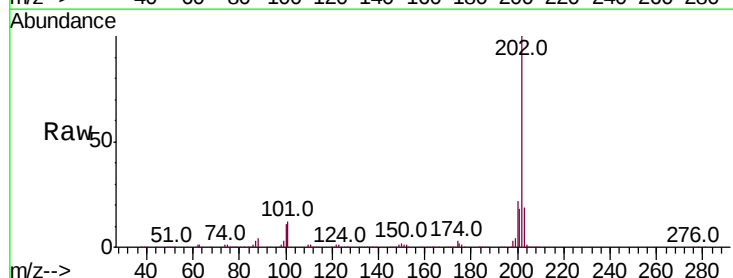
Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Tgt Ion:202 Resp: 826629

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.8	15.2	22.8

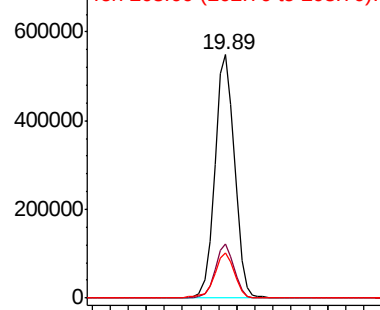


Abundance Ion 202.00 (201.70 to 202.70): E

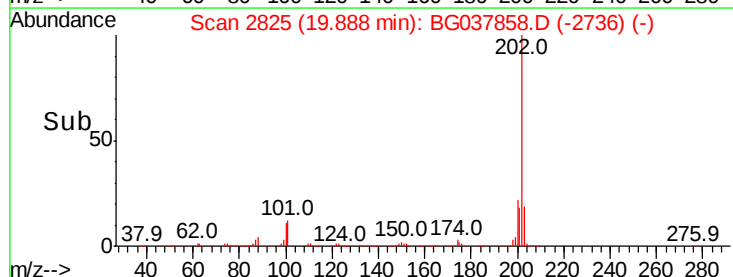
600000

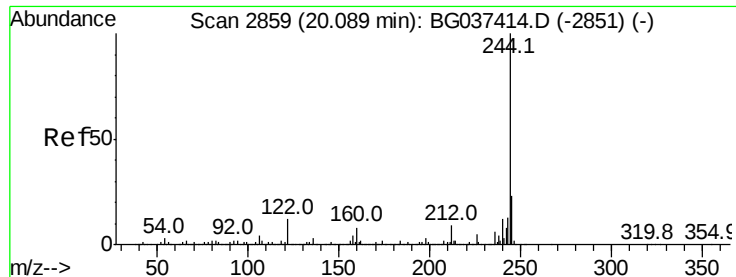
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.80 19.90 20.00





#79

Terphenyl-d14

Concen: 76.296 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

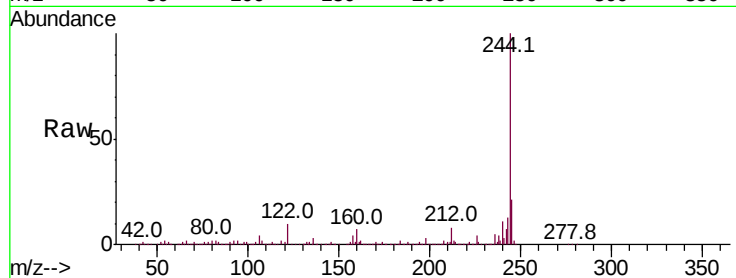
Tot Ion:244 Resp: 1038141

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

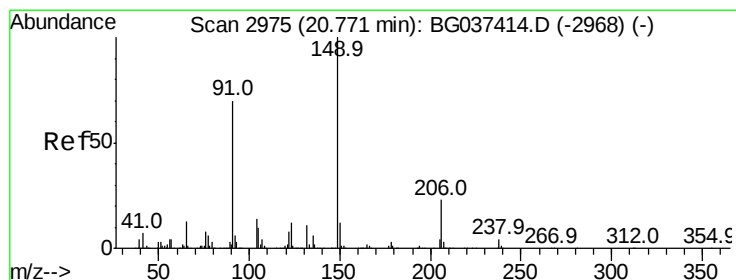
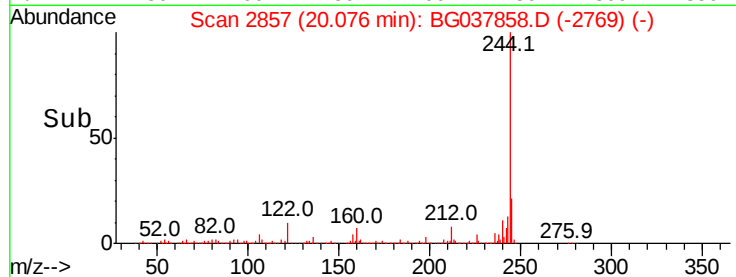
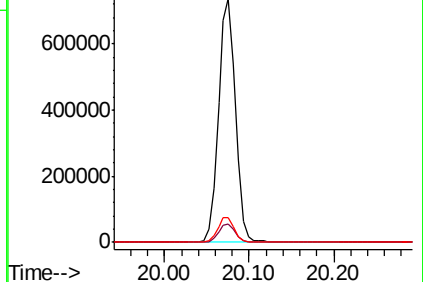
122 10.3 9.0 13.4



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: 44.335 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

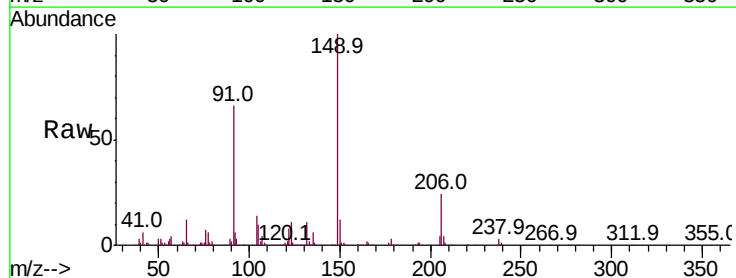
Tgt Ion:149 Resp: 344864

Ion Ratio Lower Upper

149 100

91 66.0 57.0 85.4

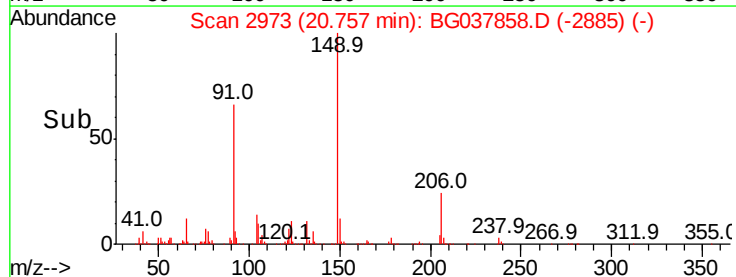
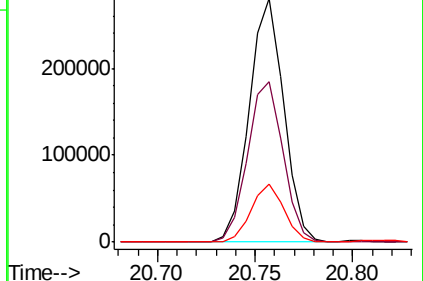
206 23.9 17.8 26.6

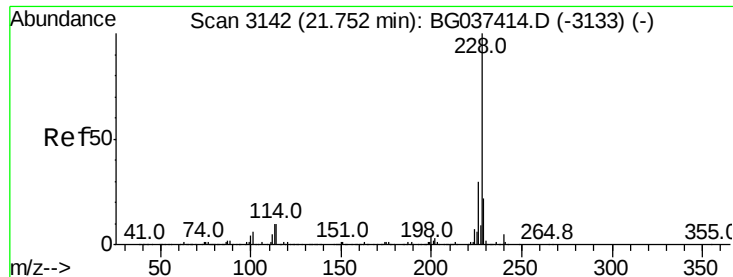


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

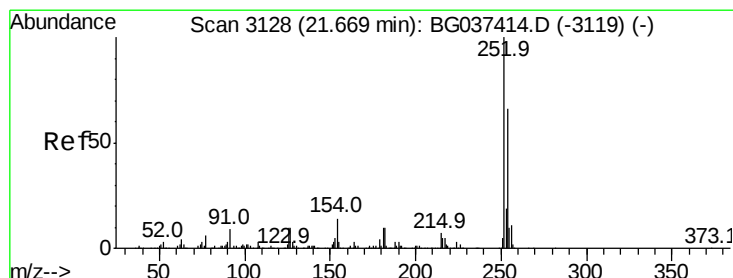
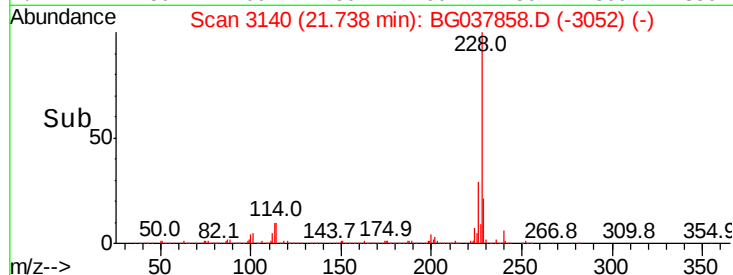
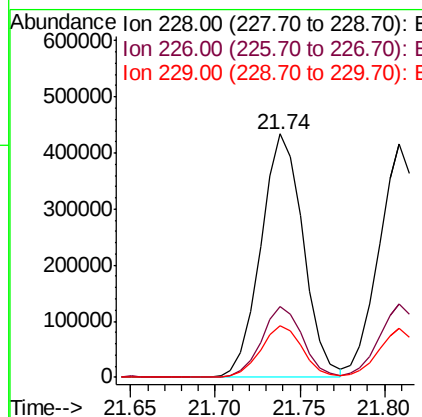
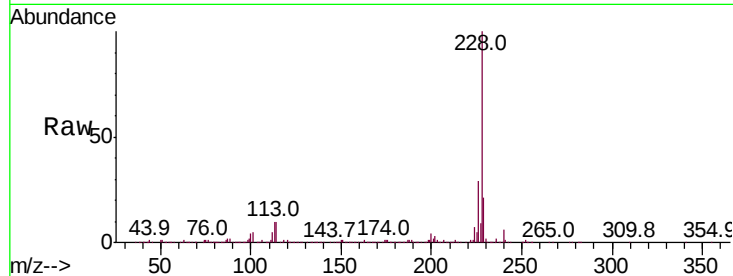




#81
Benzo(a)anthracene
Concen: 43.916 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

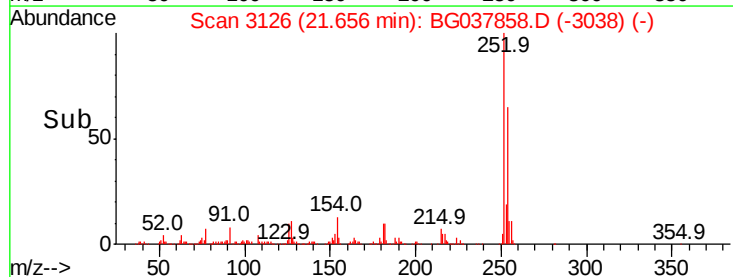
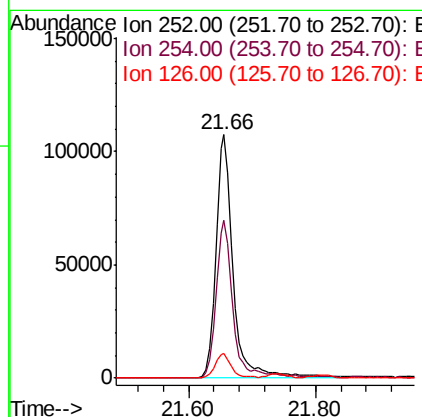
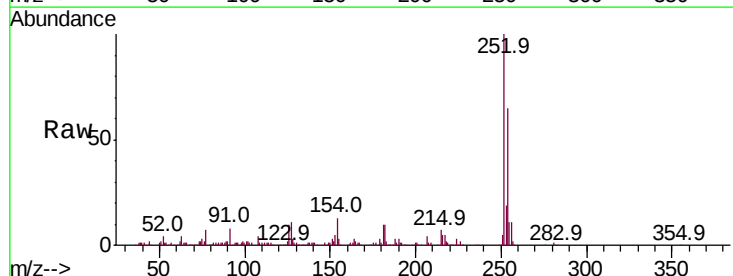
Instrument :
BNA_G
ClientSampleId :
PB114539BS

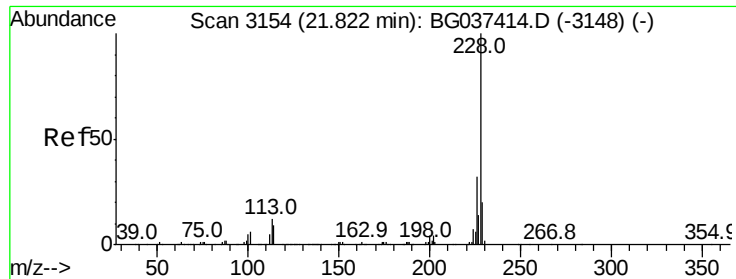
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.2	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.238 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.0	78.0
126	10.2	8.2	12.4

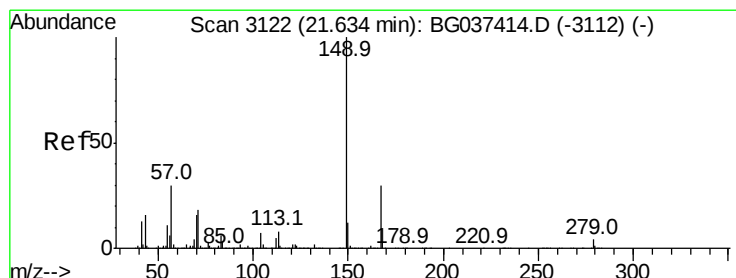
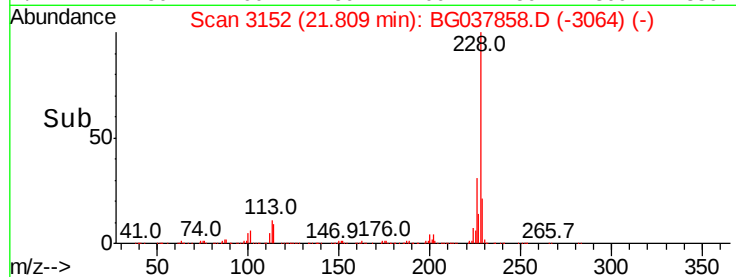
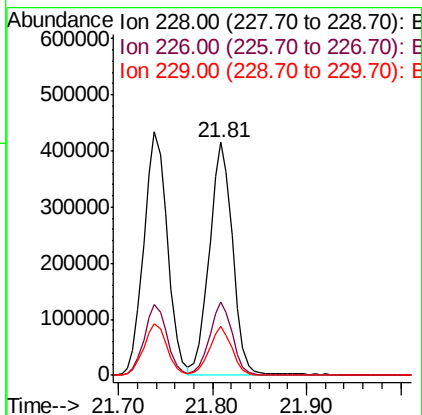
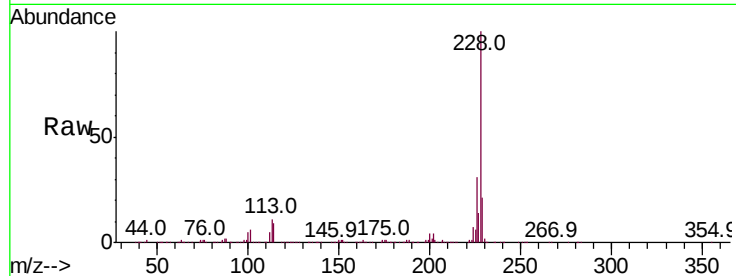




#83
 Chrysene
 Concen: 43.415 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

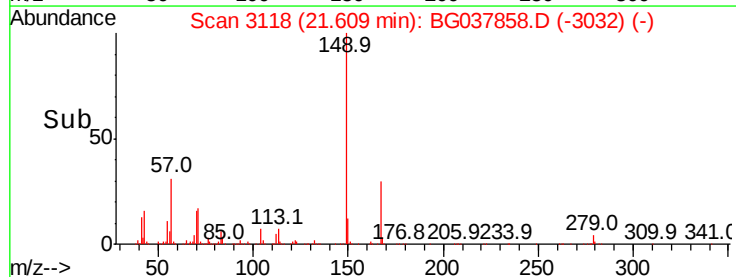
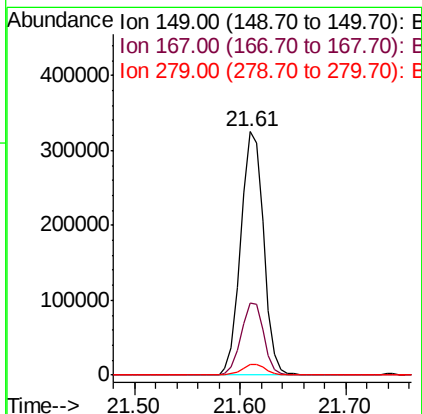
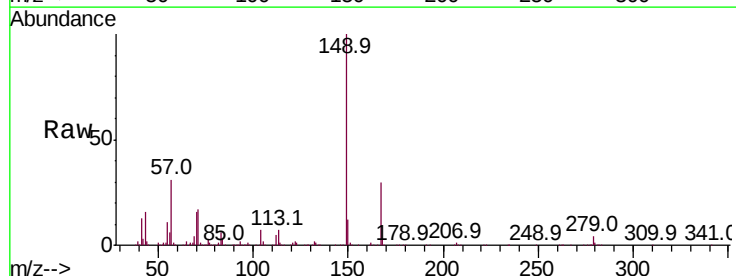
Instrument :
 BNA_G
 ClientSampleId :
 PB114539BS

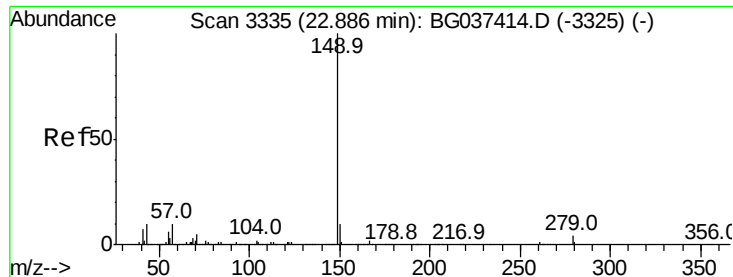
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	21.0	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.516 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.03 min
 Lab File: BG037858.D
 Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.024 ng

RT: 22.85 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

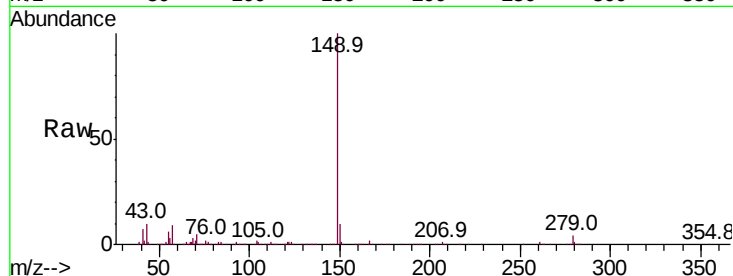
Tot Ion:149 Resp: 818287

Ion Ratio Lower Upper

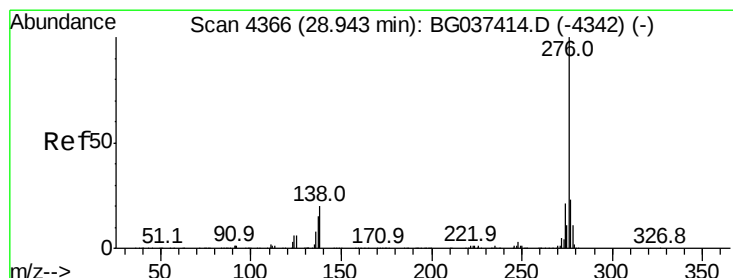
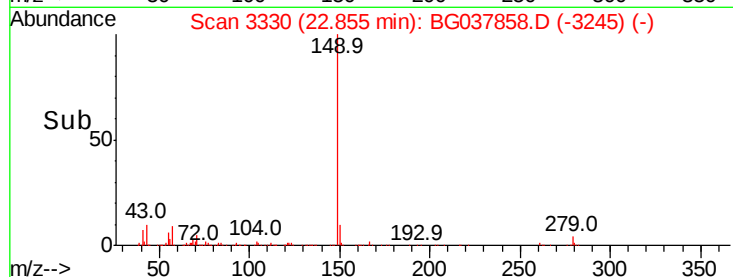
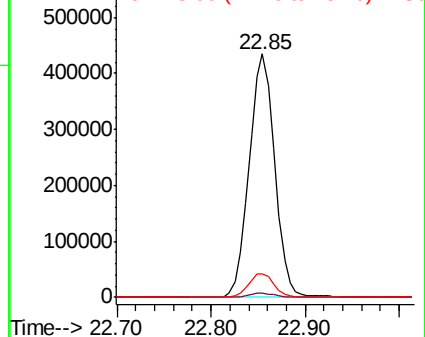
149 100

167 1.6 1.3 1.9

43 9.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.822 ng

RT: 28.91 min Scan# 4360

Delta R.T. -0.04 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

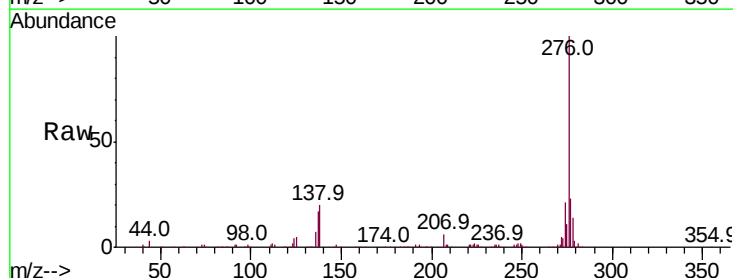
Tgt Ion:276 Resp: 617608

Ion Ratio Lower Upper

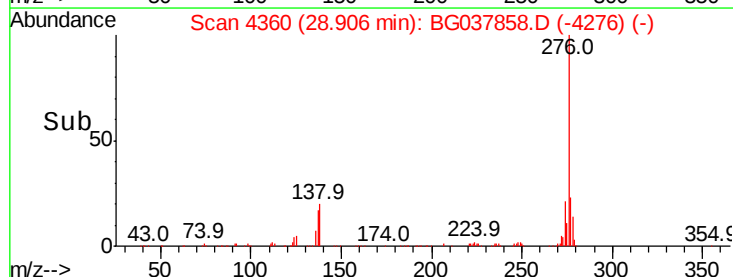
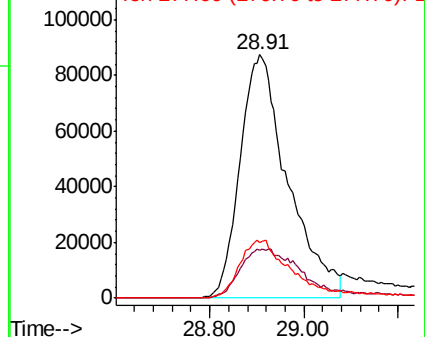
276 100

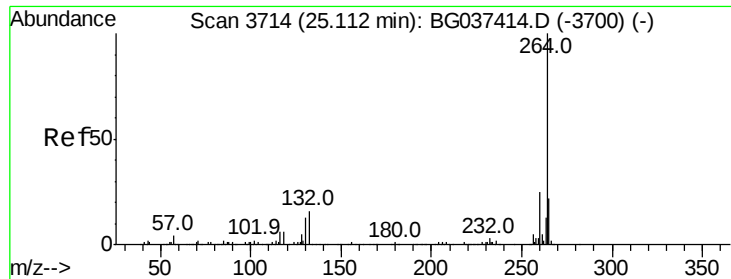
138 0.0 12.0 18.0#

277 25.3 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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

Instrument :

BNA_G

ClientSampleId :

PB114539BS

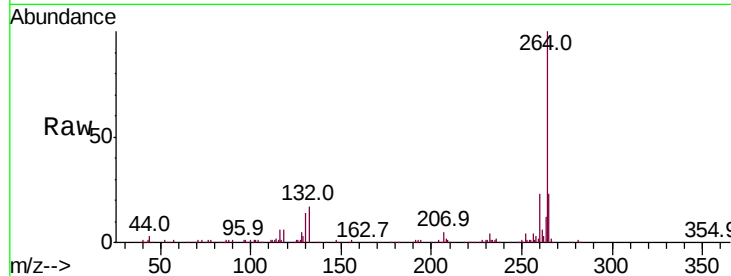
Tot Ion:264 Resp: 294160

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

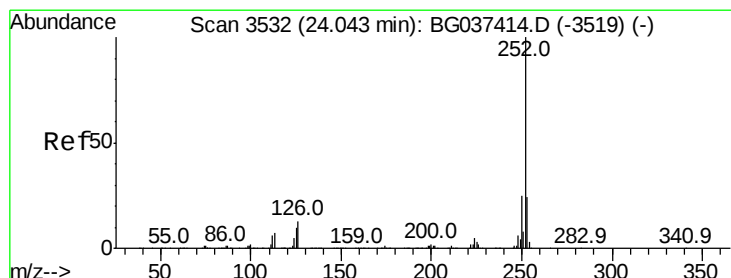
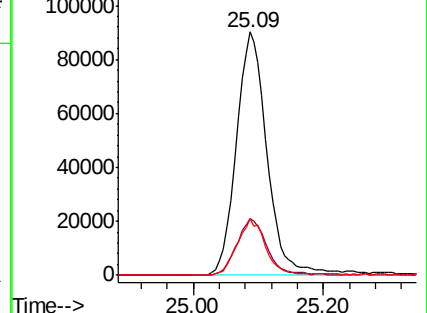
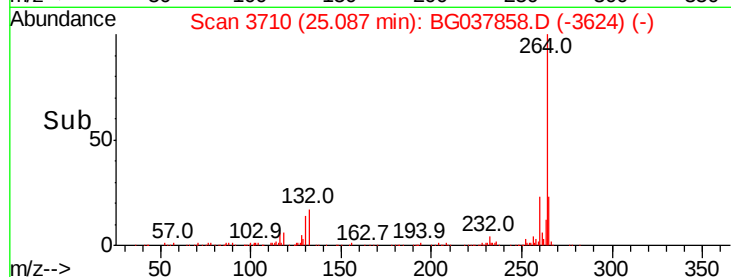
265 23.3 17.9 26.9



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: 44.895 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG037858.D

Acq: 7 Nov 2018 10:15

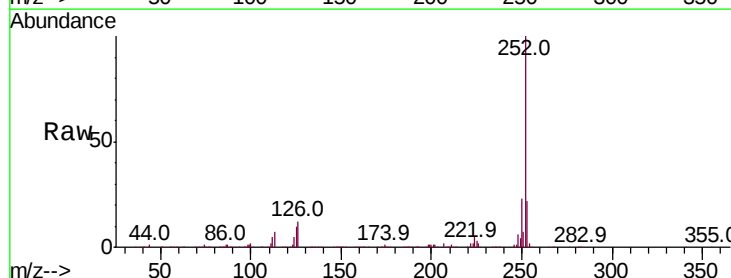
Tgt Ion:252 Resp: 724022

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

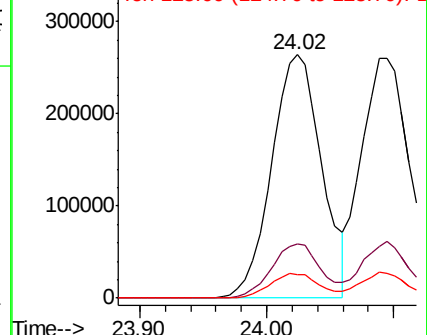
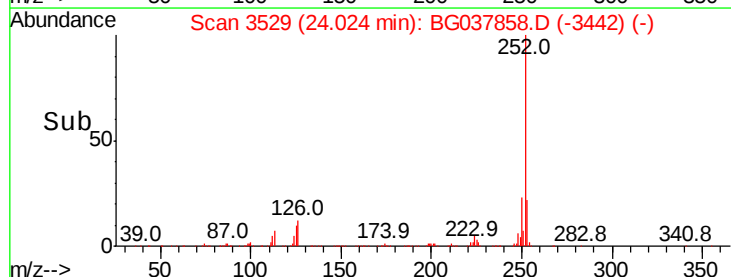
125 9.7 7.8 11.6

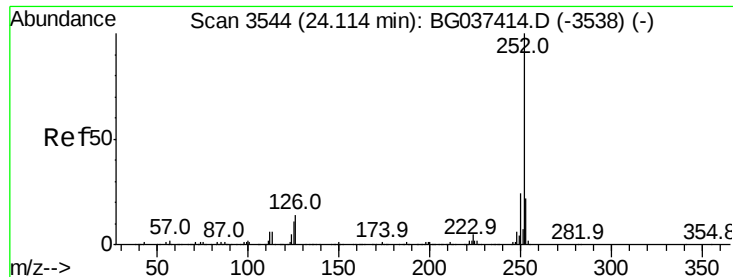


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

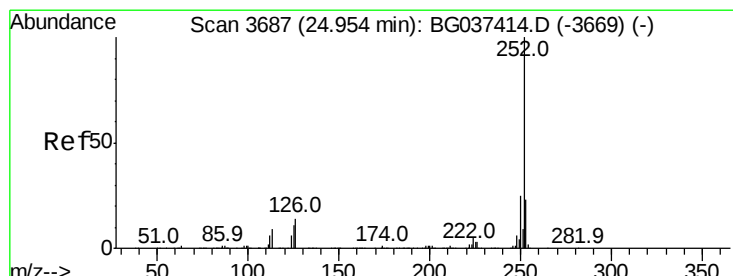
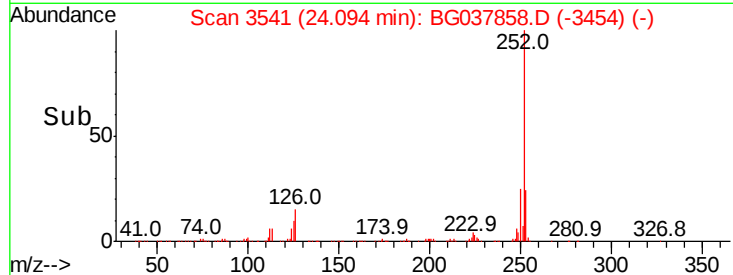
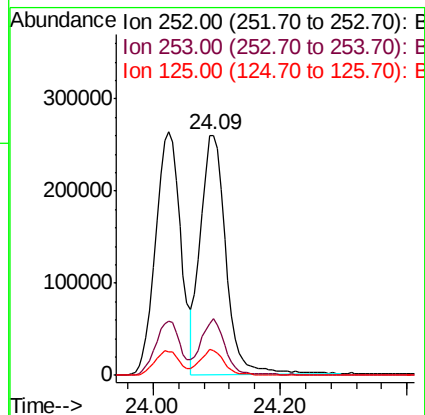
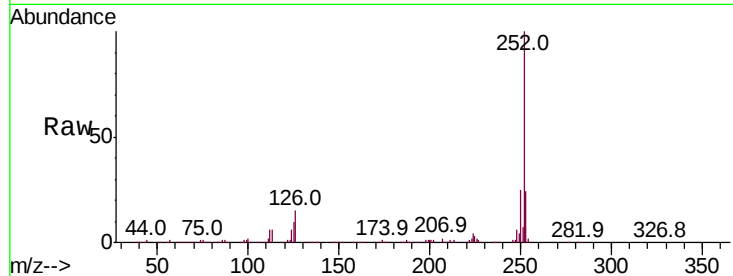




#89
Benzo(k)fluoranthene
Concen: 45.432 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

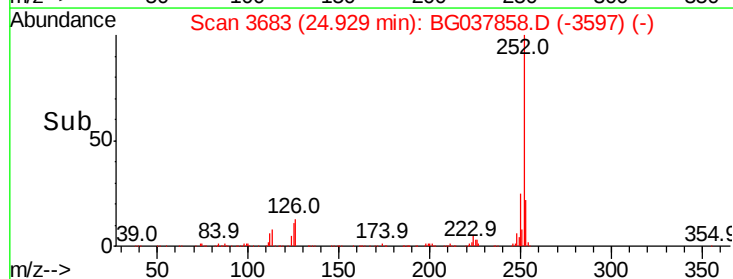
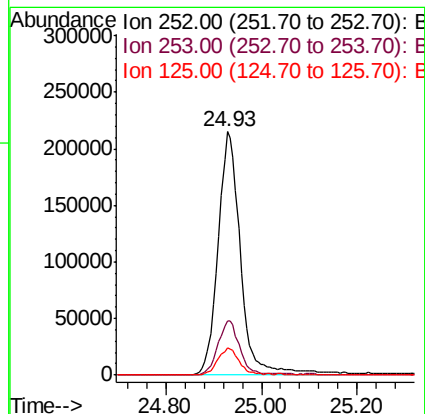
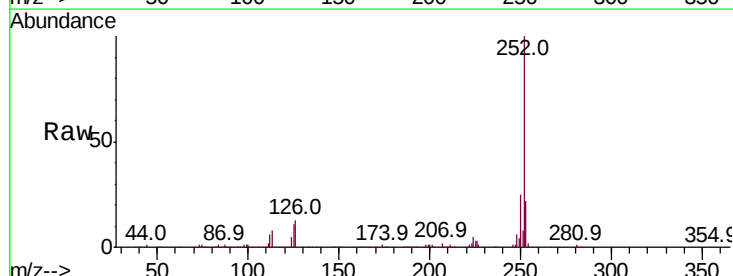
Instrument :
BNA_G
ClientSampleId :
PB114539BS

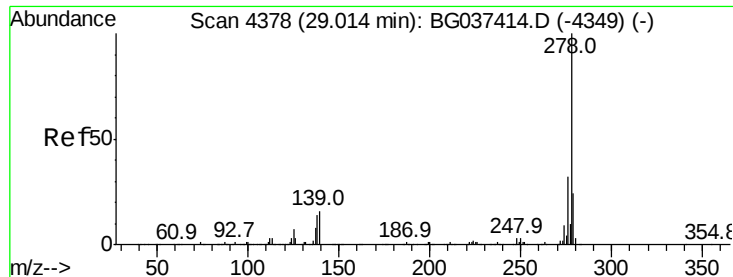
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	10.3	7.4	11.0



#90
Benzo(a)pyrene
Concen: 45.653 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.1	9.0	13.6

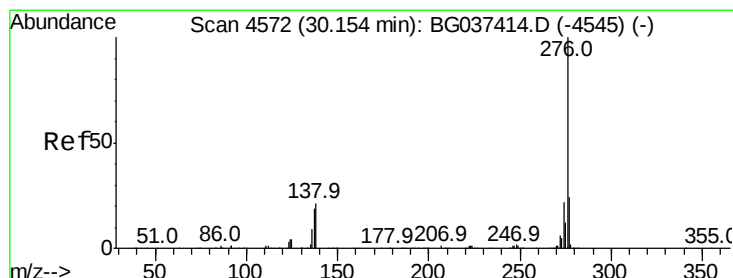
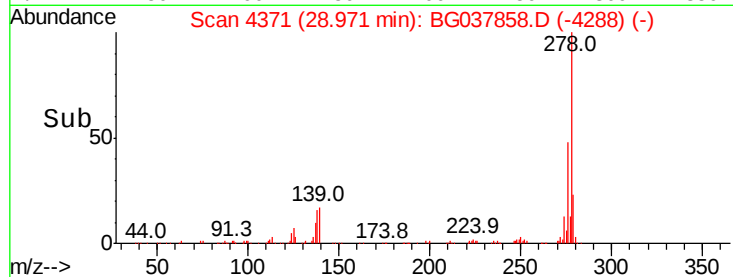
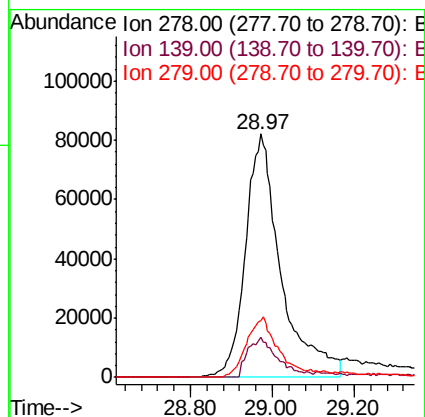
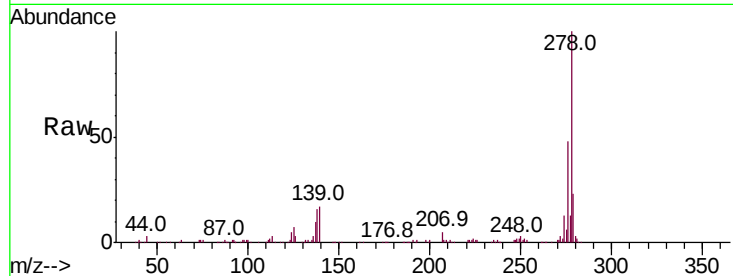




#91
Dibenzo(a,h)anthracene
Concen: 35.108 ng
RT: 28.97 min Scan# 4371
Delta R.T. -0.04 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Instrument :
BNA_G
ClientSampleId :
PB114539BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	23.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 38.410 ng
RT: 30.11 min Scan# 4565
Delta R.T. -0.04 min
Lab File: BG037858.D
Acq: 7 Nov 2018 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	21.5	17.2	25.8

