

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037800.D
 Acq On : 5 Nov 2018 13:14
 Operator : JU/SJ
 Sample : PB114322BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Quant Time: Nov 05 15:54:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51973	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237068	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	155520	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	352559	20.00	ng	0.00
76) Chrysene-d12	21.76	240	318534	20.00	ng	0.00
87) Perylene-d12	25.09	264	315520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	510697	164.28	ng	0.00
7) Phenol-d6	7.24	99	724475	154.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	332028	78.46	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	268245	158.14	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	831104	80.59	ng	0.00
79) Terphenyl-d14	20.07	244	1166307	78.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	62373	39.564	ng	95
3) Pyridine	3.92	79	137233	34.537	ng	94
4) n-Nitrosodimethylamine	3.85	42	58181	41.109	ng	89
6) Aniline	7.42	93	184006	32.087	ng	97
8) 2-Chlorophenol	7.65	128	159608	43.888	ng	98
9) Benzaldehyde	7.24	77	110363	37.532	ng	91
10) Phenol	7.27	94	210907	42.523	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	145921	38.737	ng	94
12) 1,3-Dichlorobenzene	7.98	146	163960	40.497	ng	98
13) 1,4-Dichlorobenzene	8.13	146	166213	40.135	ng	97
14) 1,2-Dichlorobenzene	8.45	146	160328	40.245	ng	97
15) Benzyl Alcohol	8.33	79	140055	40.323	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	257359	38.183	ng	97
17) 2-Methylphenol	8.53	107	145078	44.245	ng	99
18) Hexachloroethane	9.17	117	57567	40.773	ng	93
19) n-Nitroso-di-n-propylamine	8.90	70	119165	36.813	ng	93
20) 3+4-Methylphenols	8.86	107	201234	42.924	ng	99
22) Acetophenone	8.92	105	235110	39.544	ng	# 97
24) Nitrobenzene	9.32	77	178385	40.576	ng	93
25) Isophorone	9.83	82	341617	44.180	ng	98
26) 2-Nitrophenol	10.03	139	88171	44.519	ng	96
27) 2,4-Dimethylphenol	10.07	122	170669	48.264	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	209819	41.416	ng	96
29) 2,4-Dichlorophenol	10.56	162	170911	43.409	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	176399	41.199	ng	94
31) Naphthalene	10.97	128	516328	44.342	ng	100
32) Benzoic acid	10.19	122	80003	34.833	ng	93
33) 4-Chloroaniline	11.08	127	141871	25.931	ng	96
34) Hexachlorobutadiene	11.23	225	102964	40.575	ng	99
35) Caprolactam	11.87	113	60630	38.396	ng	91
36) 4-Chloro-3-methylphenol	12.18	107	183862	41.408	ng	97
37) 2-Methylnaphthalene	12.56	142	392104	46.194	ng	99
38) 1-Methylnaphthalene	12.78	142	373938	45.363	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	210676	41.998	ng	98

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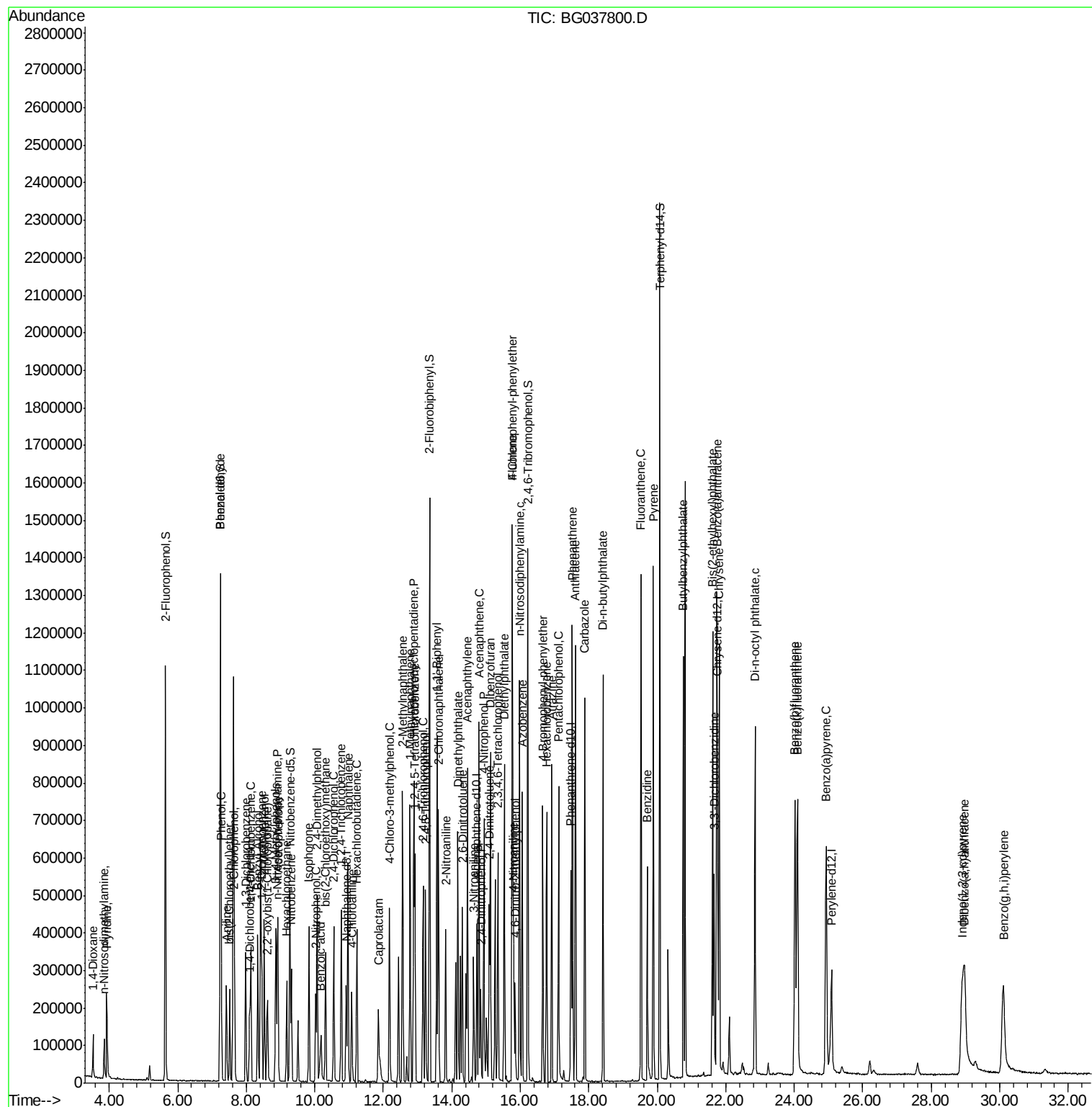
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	251653	105.022	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	145156	43.313	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	155601	42.644	nq	97
46) 1,1'-Biphenyl	13.56	154	504424	39.164	nq	99
47) 2-Chloronaphthalene	13.61	162	403521	41.412	nq	98
48) 2-Nitroaniline	13.82	65	123227	41.703	nq	89
49) Acenaphthylene	14.46	152	661614	45.137	nq	99
50) Dimethylphthalate	14.18	163	496331	41.253	nq	100
51) 2,6-Dinitrotoluene	14.31	165	111723	41.976	nq	93
52) Acenaphthene	14.79	154	381642	42.277	nq	98
53) 3-Nitroaniline	14.64	138	97407	32.967	nq	# 96
54) 2,4-Dinitrophenol	14.84	184	67849	65.406	nq	99
55) Dibenzofuran	15.13	168	617640	41.296	nq	99
56) 4-Nitrophenol	14.94	139	229919	105.126	nq	97
57) 2,4-Dinitrotoluene	15.09	165	156413	44.769	nq	95
58) Fluorene	15.77	166	498142	44.476	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	137073	43.875	nq	98
60) Diethylphthalate	15.53	149	511490	41.410	nq	100
61) 4-Chlorophenyl-phenylether	15.76	204	263282	40.330	nq	98
62) 4-Nitroaniline	15.81	138	121880	41.512	nq	89
63) Azobenzene	16.05	77	477287	40.499	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69921	39.603	nq	98
66) n-Nitrosodiphenylamine	15.98	169	446640	42.116	nq	97
67) 4-Bromophenyl-phenylether	16.66	248	162534	41.980	nq	97
68) Hexachlorobenzene	16.77	284	166426	41.475	nq	96
69) Atrazine	16.92	200	162604	42.408	nq	99
70) Pentachlorophenol	17.12	266	170568	63.460	nq	98
71) Phenanthrene	17.52	178	789858	44.081	nq	99
72) Anthracene	17.61	178	806148	45.845	nq	98
73) Carbazole	17.88	167	710922	40.418	nq	99
74) Di-n-butylphthalate	18.42	149	831759	42.509	nq	99
75) Fluoranthene	19.52	202	891578	43.871	nq	99
77) Benzidine	19.71	184	388466	35.866	nq	99
78) Pyrene	19.89	202	890872	42.783	nq	100
80) Butylbenzylphthalate	20.76	149	367152	43.083	nq	97
81) Benzo(a)anthracene	21.74	228	834340	44.283	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	234002	32.042	nq	99
83) Chrysene	21.81	228	784401	43.297	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	524006	43.867	nq	98
85) Di-n-octyl phthalate	22.85	149	874475	44.893	nq	96
86) Indeno(1,2,3-cd)pyrene	28.90	276	712189	36.651	nq	# 93
88) Benzo(b)fluoranthene	24.02	252	786386	45.461	nq	98
89) Benzo(k)fluoranthene	24.09	252	792827	46.782	nq	100
90) Benzo(a)pyrene	24.93	252	767305	46.681	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	541508	35.715	nq	100
92) Benzo(g,h,i)perylene	30.11	276	597732	38.967	nq	98

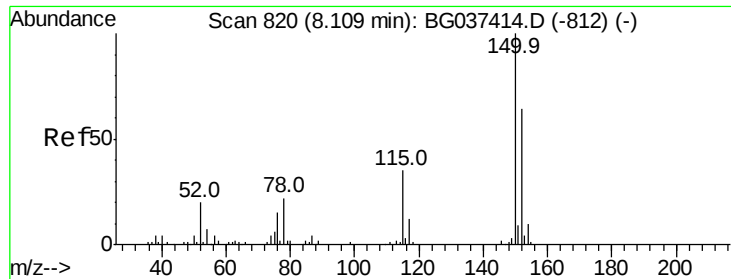
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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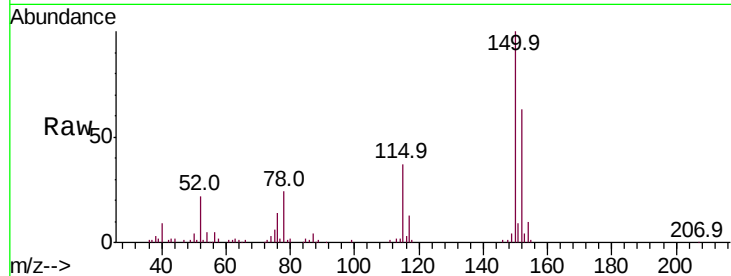


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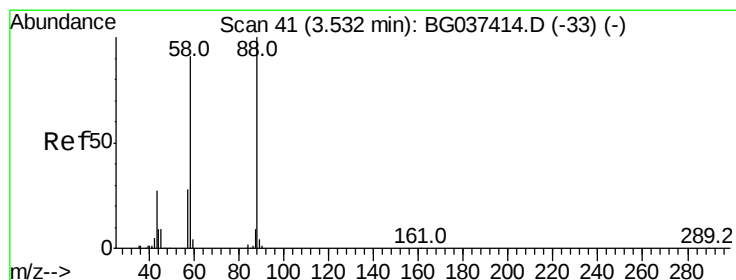
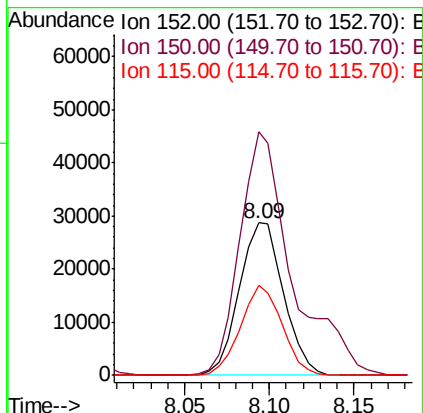
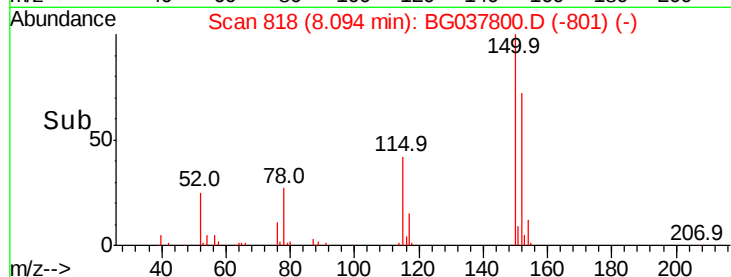
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:152 Resp: 51973
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 58.9 45.5 68.3



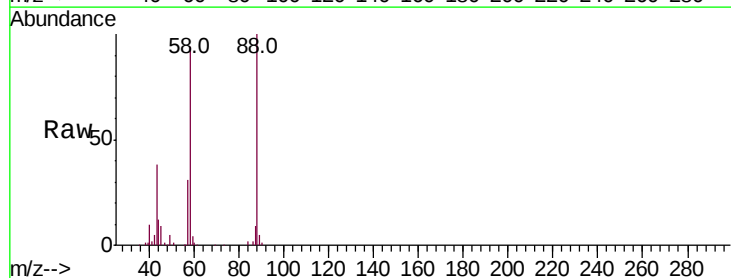
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



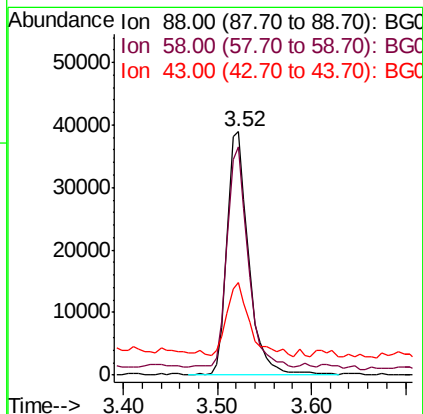
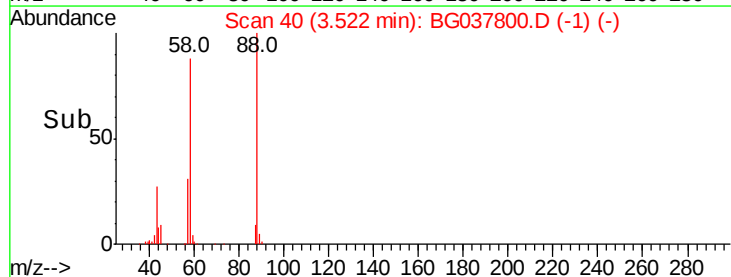
#2

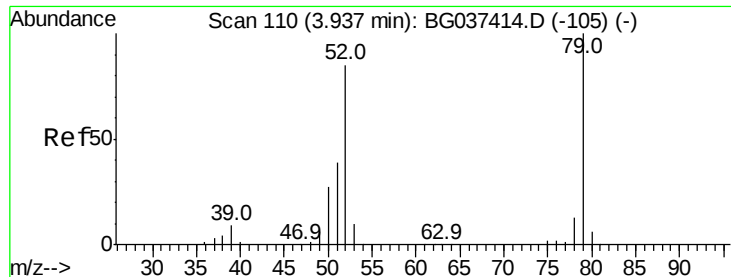
1,4-Dioxane
Concen: 39.564 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion: 88 Resp: 62373
Ion Ratio Lower Upper
88 100
58 87.0 74.4 111.6
43 31.9 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: 34.537 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

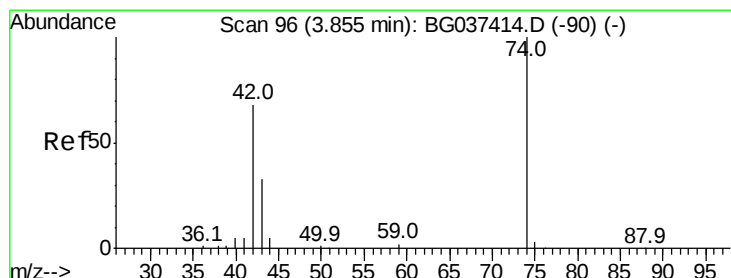
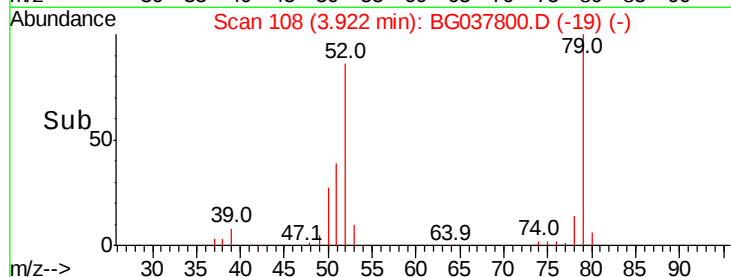
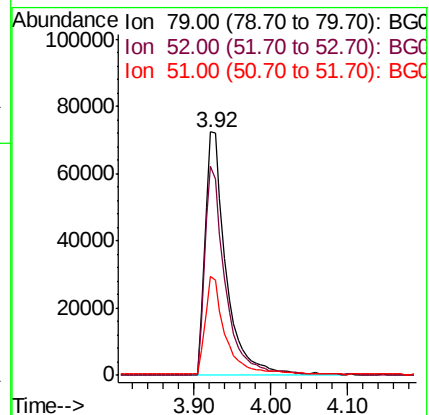
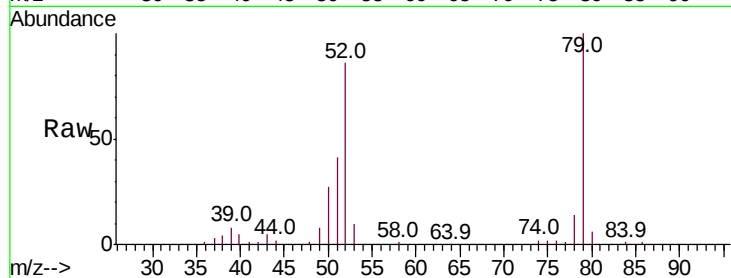
Tot Ion: 79 Resp: 137233

Ion Ratio Lower Upper

79 100

52 85.7 74.2 111.2

51 40.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.109 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

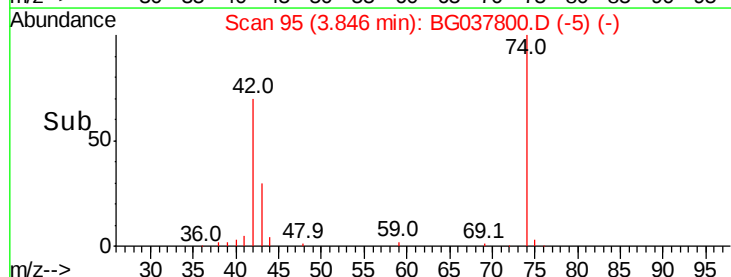
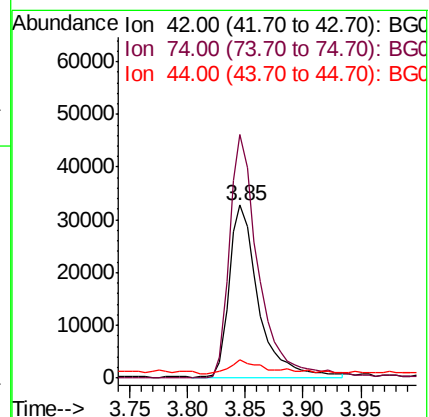
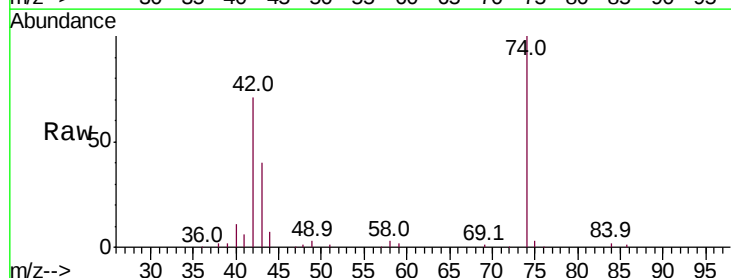
Tgt Ion: 42 Resp: 58181

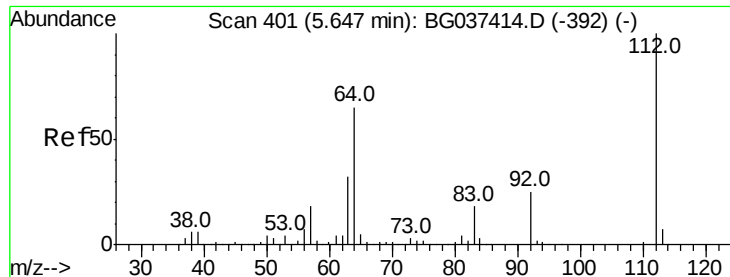
Ion Ratio Lower Upper

42 100

74 140.8 102.0 153.0

44 10.3 9.6 14.4





#5

2-Fluorophenol

Concen: 164.280 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

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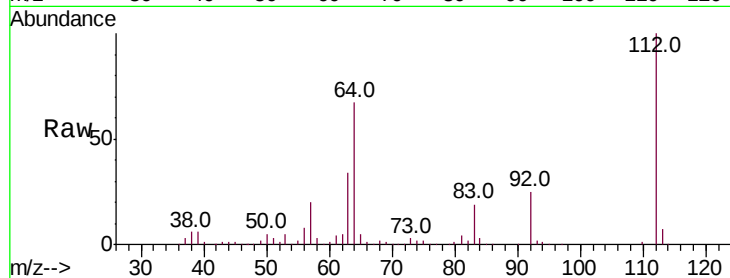
Tot Ion:112 Resp: 510697

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

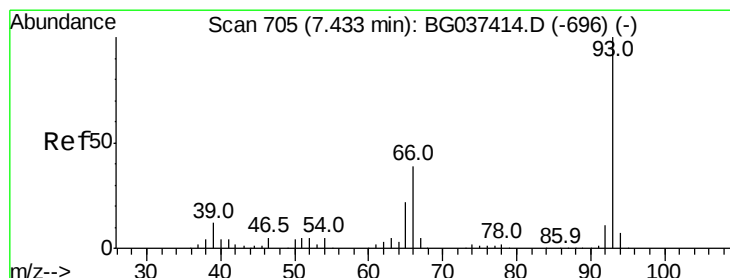
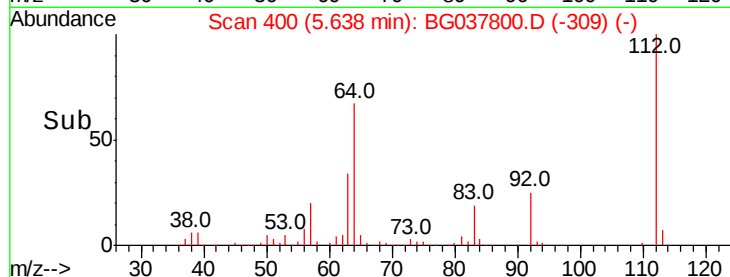
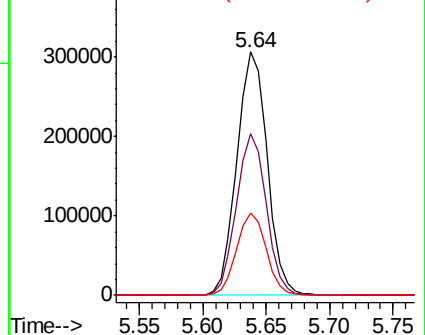
63 33.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.087 ng

RT: 7.42 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

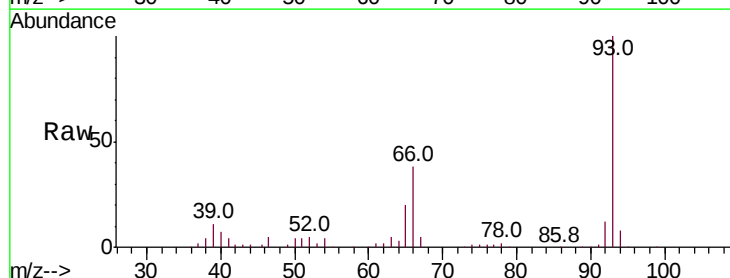
Tgt Ion: 93 Resp: 184006

Ion Ratio Lower Upper

93 100

66 38.4 32.8 49.2

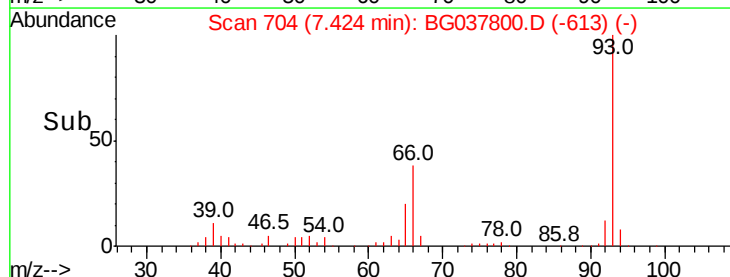
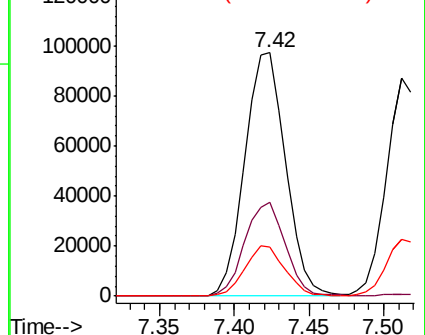
65 20.2 16.4 24.6

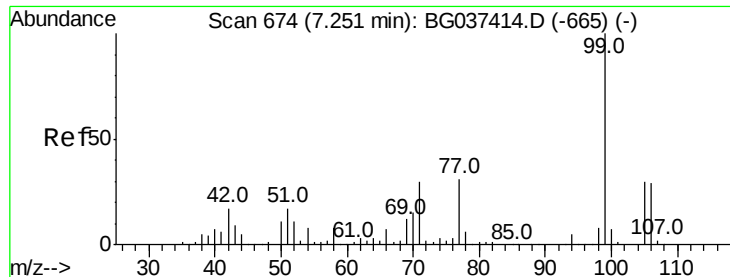


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.119 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG037800.D

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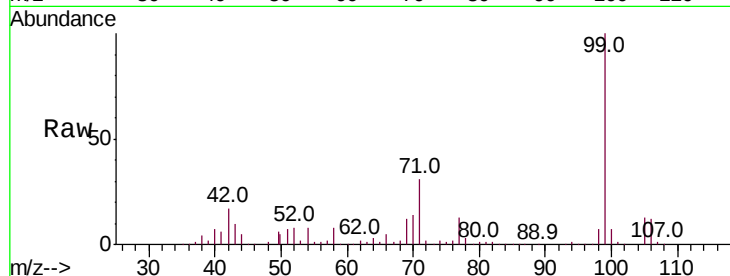
Tot Ion: 99 Resp: 724475

Ion Ratio Lower Upper

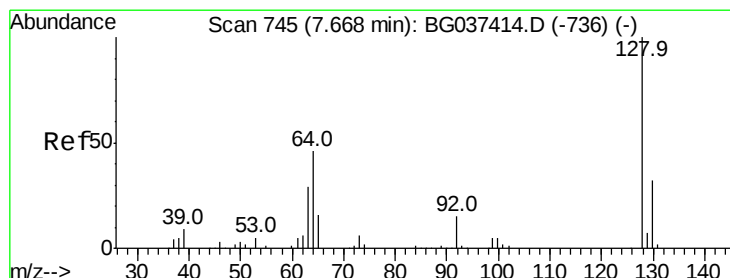
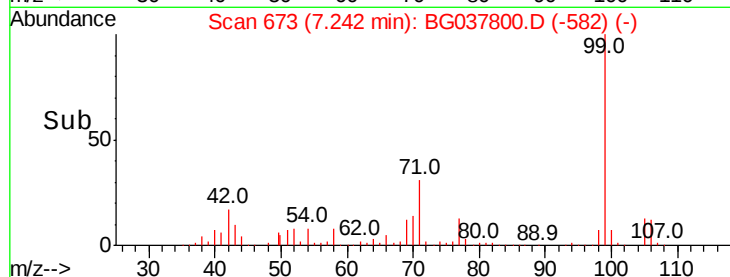
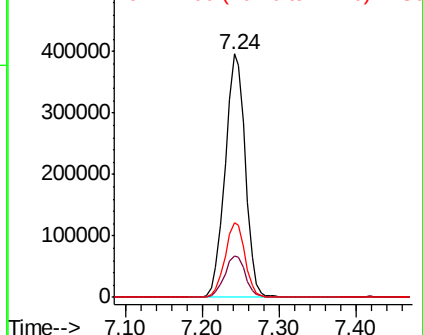
99 100

42 17.2 15.0 22.4

71 30.6 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: 43.888 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

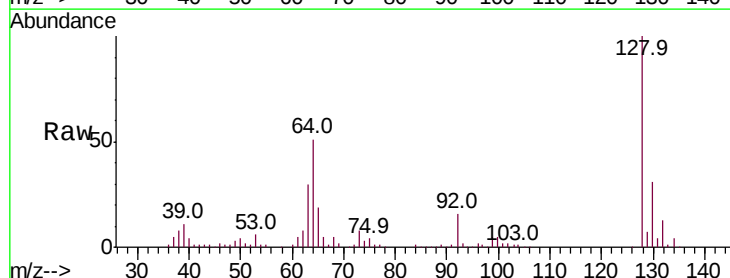
Tgt Ion: 128 Resp: 159608

Ion Ratio Lower Upper

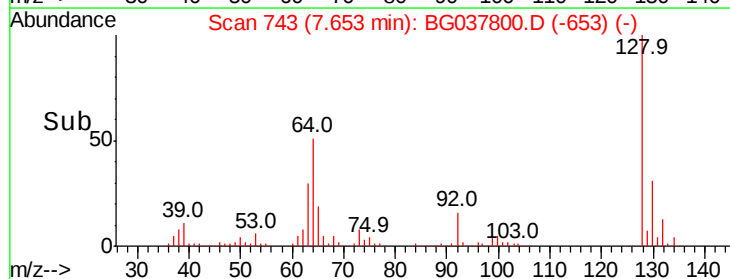
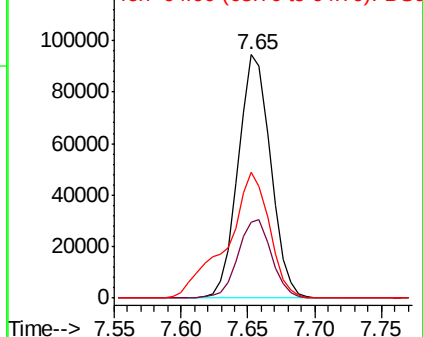
128 100

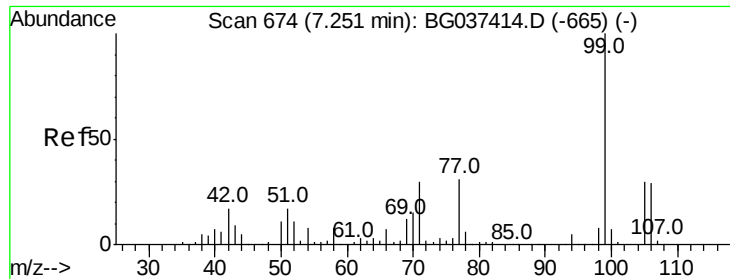
130 31.4 12.0 52.0

64 51.4 32.9 72.9



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





#9

Benzaldehyd

Concen: 37.532 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

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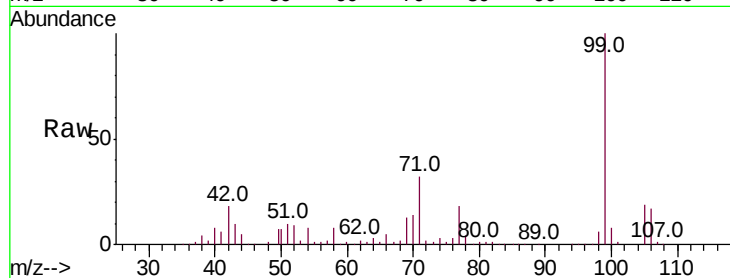
Tot Ion: 77 Resp: 110363

Ion Ratio Lower Upper

77 100

105 104.3 72.6 112.6

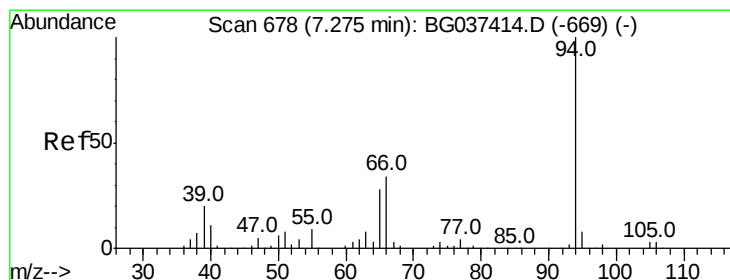
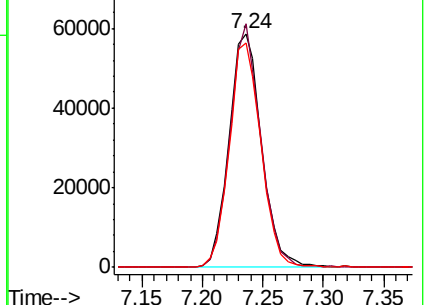
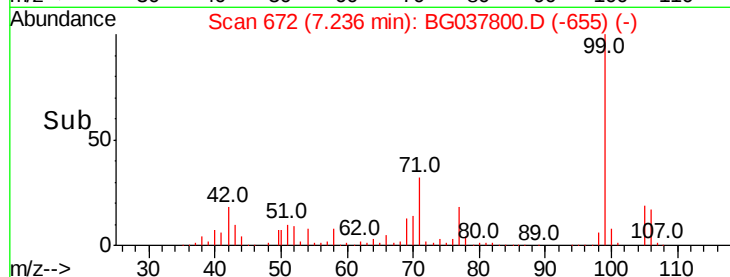
106 96.1 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.523 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

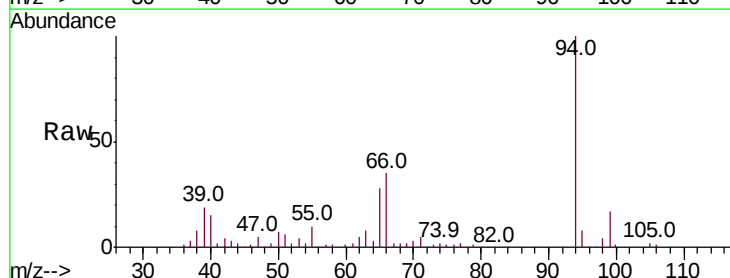
Tgt Ion: 94 Resp: 210907

Ion Ratio Lower Upper

94 100

65 28.1 9.7 49.7

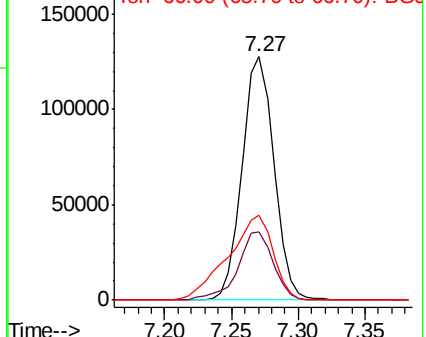
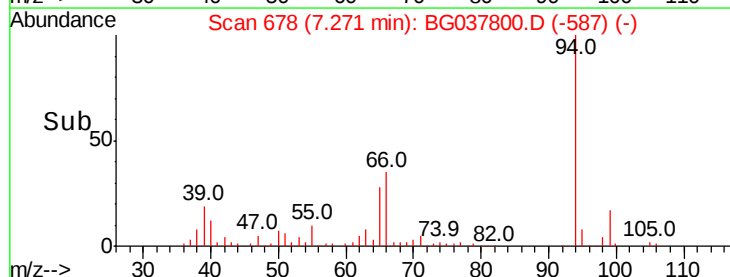
66 35.0 15.9 55.9

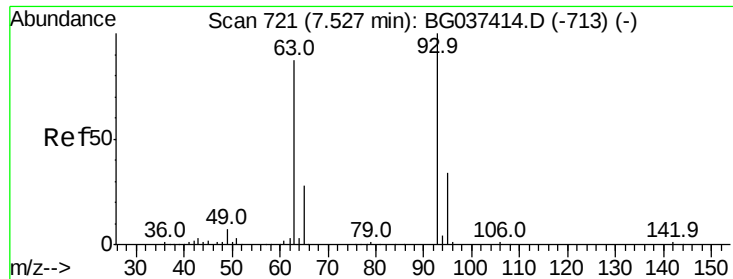


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

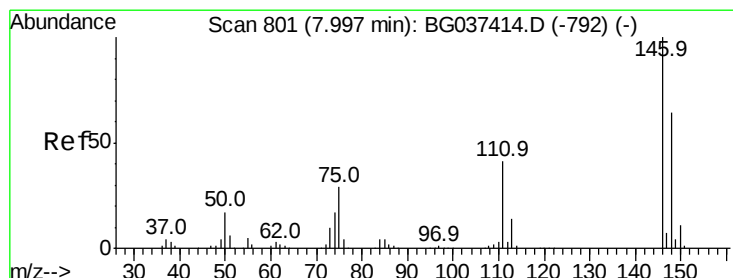
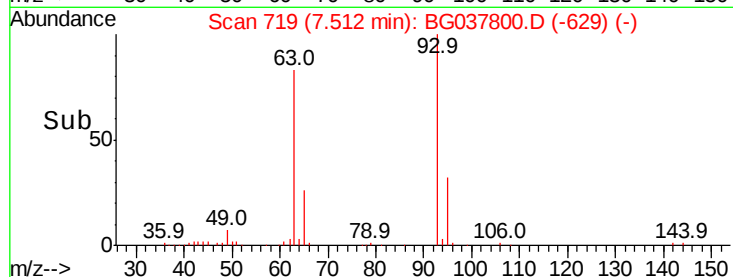
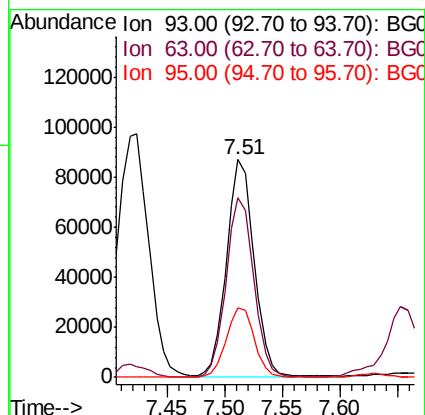
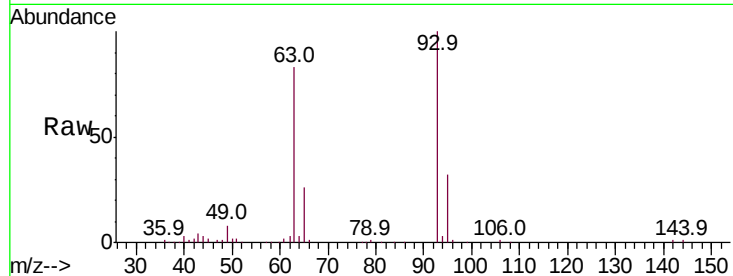




#11
bis(2-Chloroethyl)ether
Concen: 38.737 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

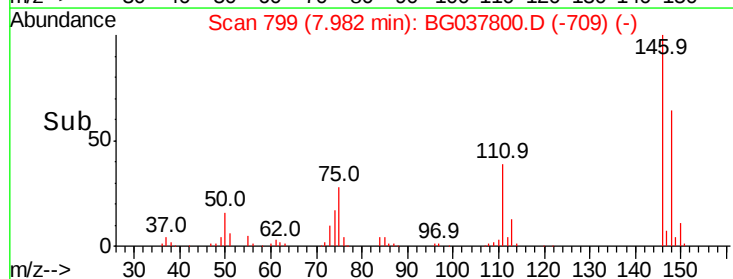
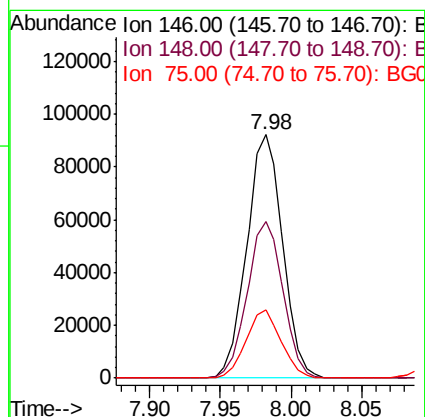
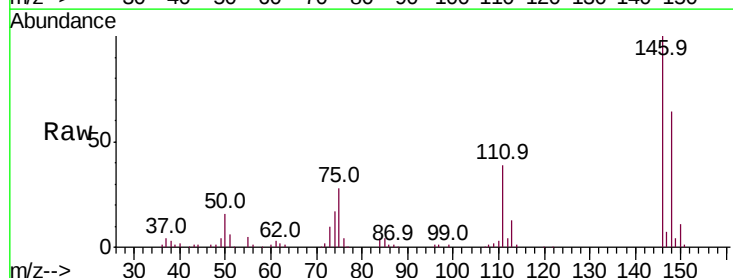
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

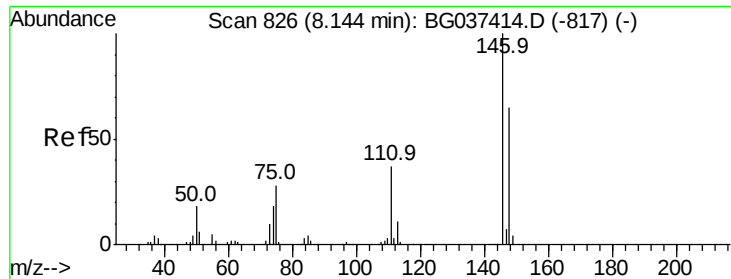
Tot Ion: 93 Resp: 145921
Ion Ratio Lower Upper
93 100
63 82.6 69.5 109.5
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.497 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion: 146 Resp: 163960
Ion Ratio Lower Upper
146 100
148 64.1 49.8 74.8
75 28.3 23.2 34.8

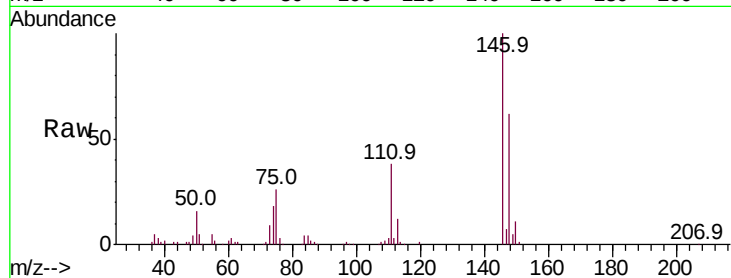




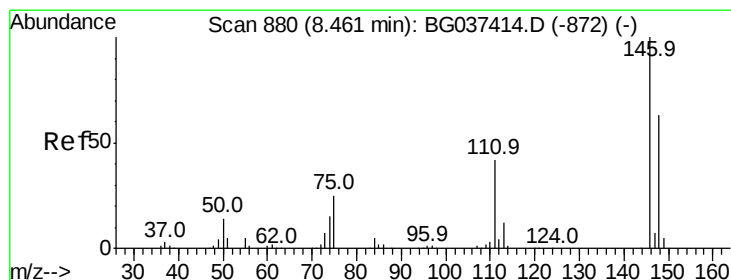
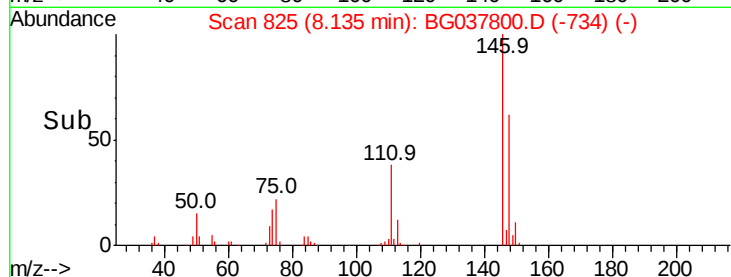
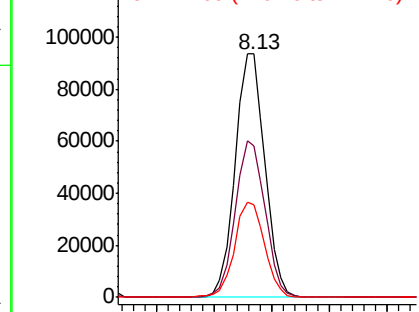
#13
 1,4-Dichlorobenzene
 Concen: 40.135 ng
 RT: 8.13 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion:146 Resp: 166213
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.0 76.6
 111 38.2 32.4 48.6

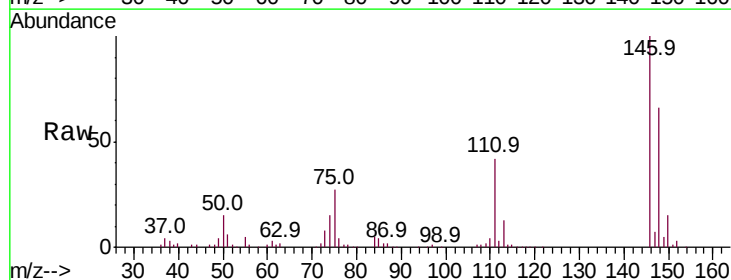


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

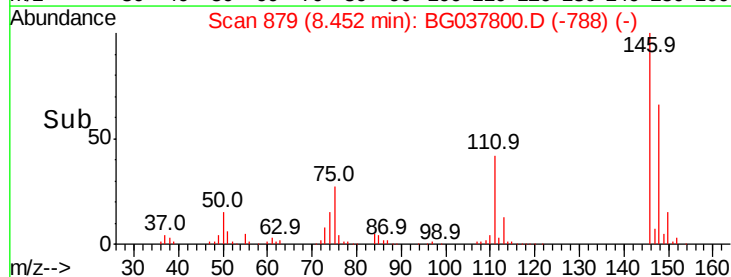
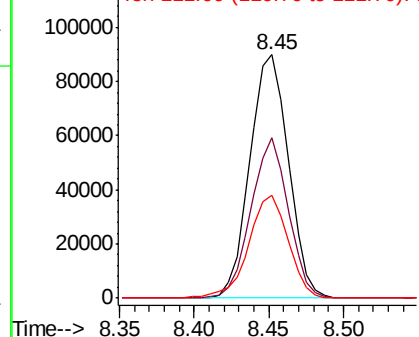


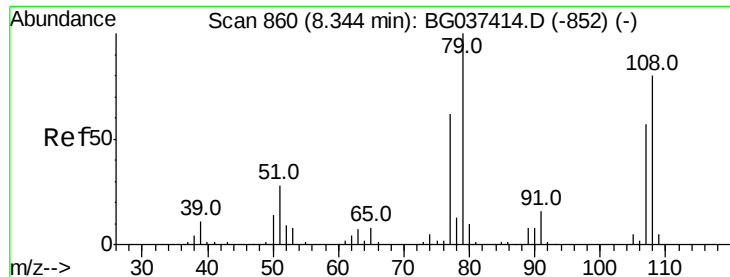
#14
 1,2-Dichlorobenzene
 Concen: 40.245 ng
 RT: 8.45 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion:146 Resp: 160328
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.4 75.6
 111 42.4 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: 40.323 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

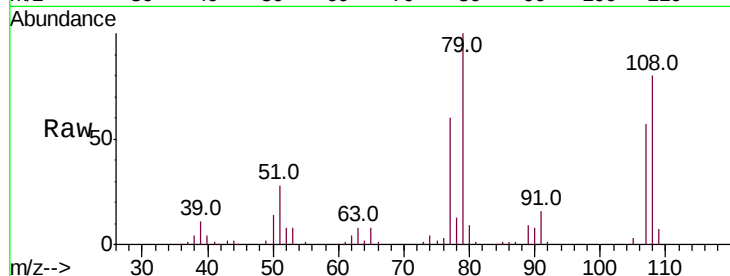
Tot Ion: 79 Resp: 140055

Ion Ratio Lower Upper

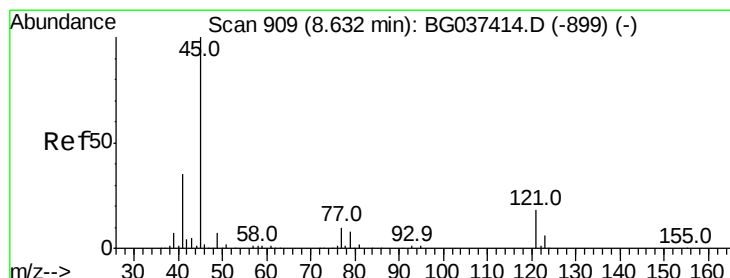
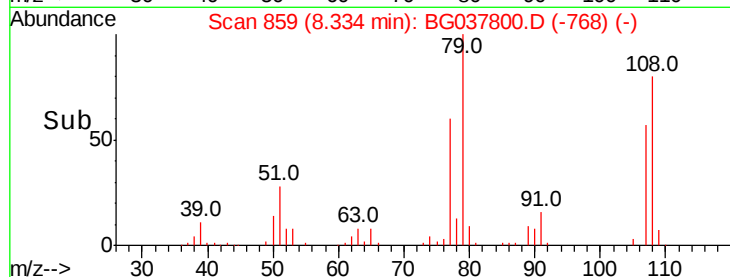
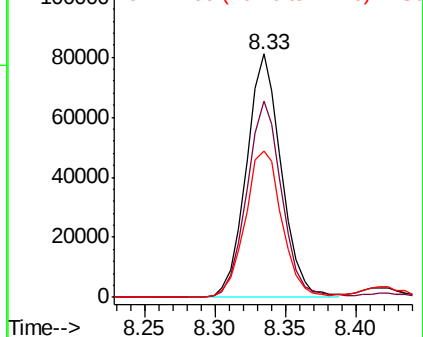
79 100

108 80.4 65.8 98.8

77 60.0 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: 38.183 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

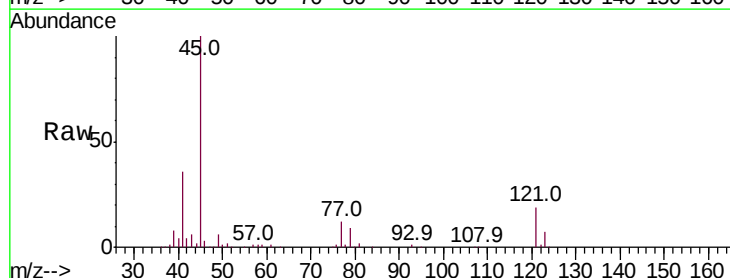
Tgt Ion: 45 Resp: 257359

Ion Ratio Lower Upper

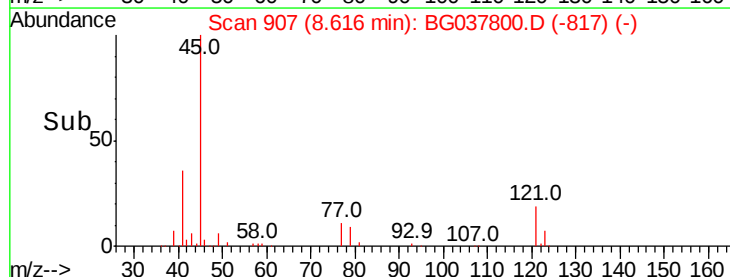
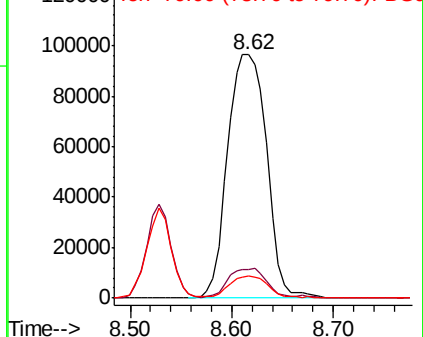
45 100

77 11.8 0.0 30.0

79 9.2 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

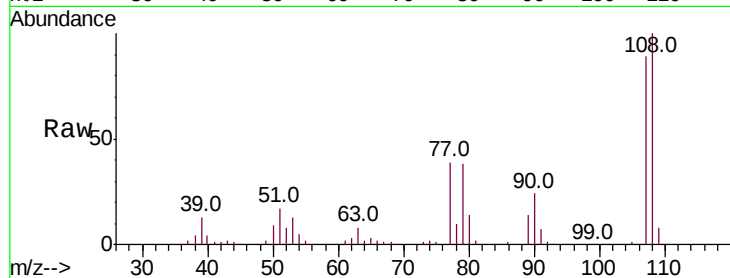




#17
2-Methylphenol
Concen: 44.245 ng
RT: 8.53 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.9	131.9
77	43.9	35.1	52.7
79	42.1	34.5	51.7



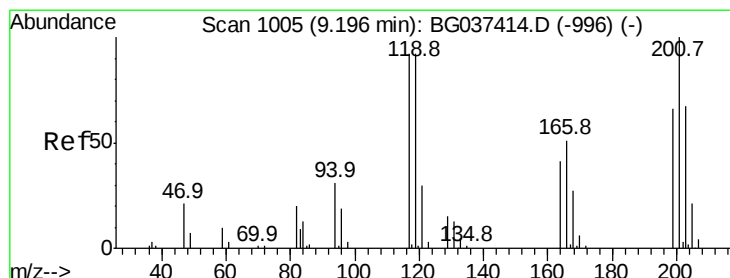
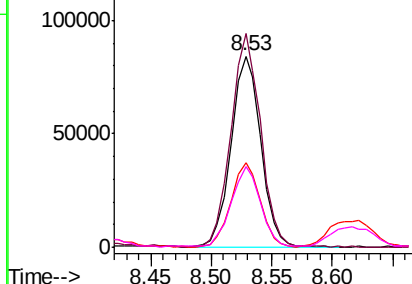
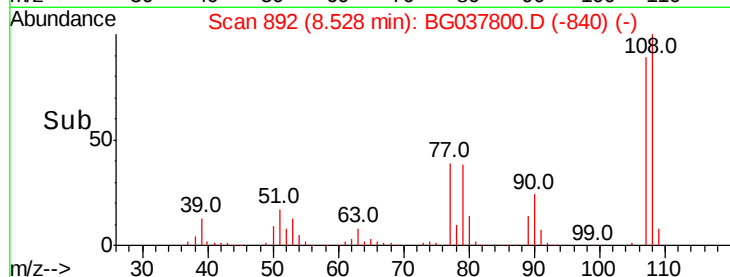
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

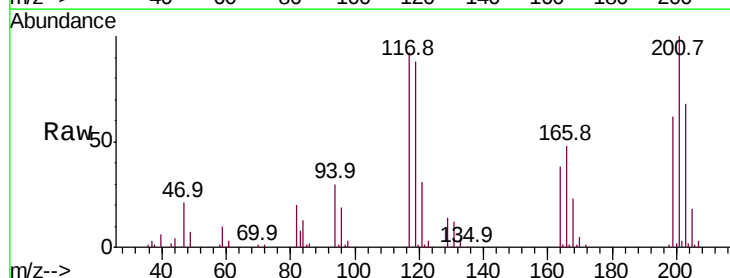
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.773 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.6	111.8
201	112.5	80.8	121.2

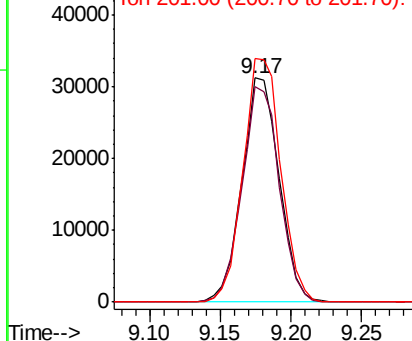
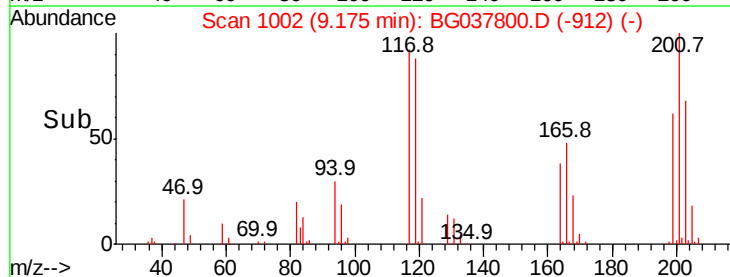


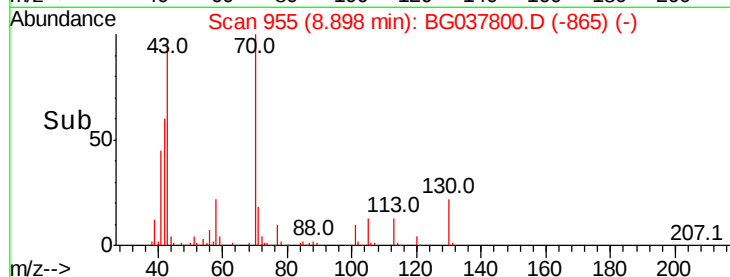
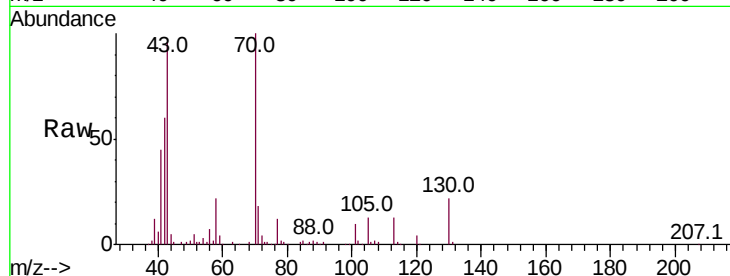
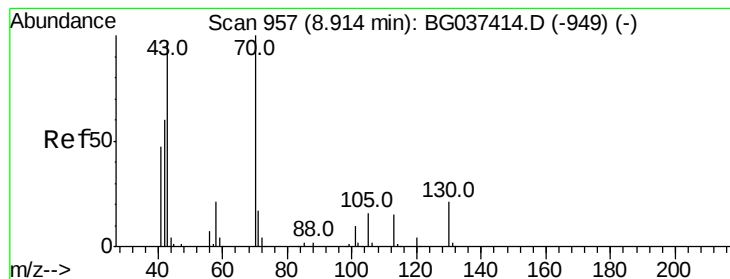
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.813 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

Tot Ion: 70 Resp: 119165

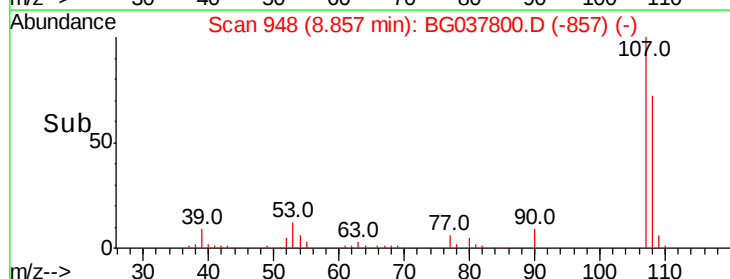
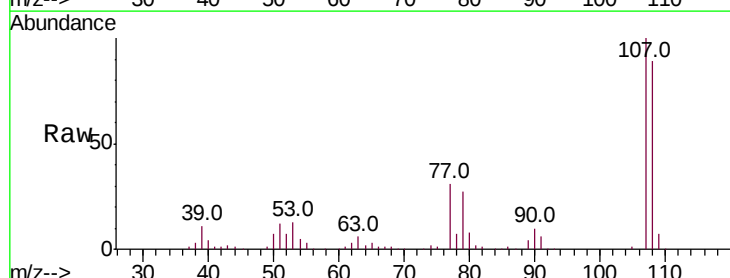
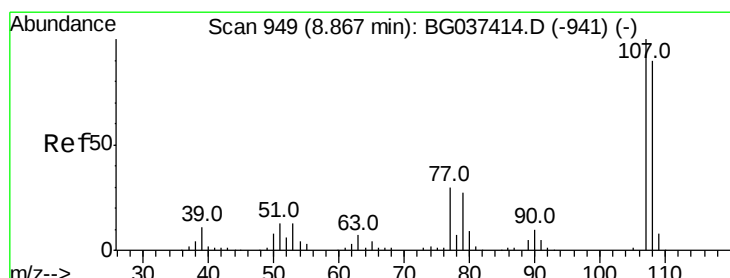
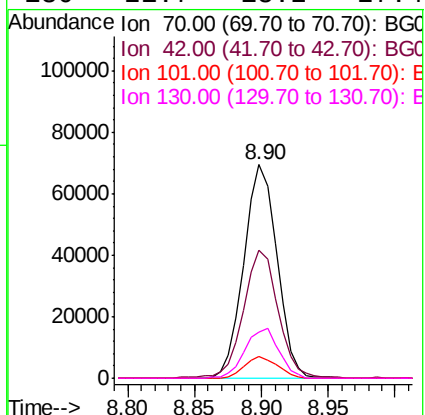
Ion Ratio Lower Upper

70 100

42 59.8 53.9 80.9

101 10.0 8.2 12.2

130 21.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.924 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion: 107 Resp: 201234

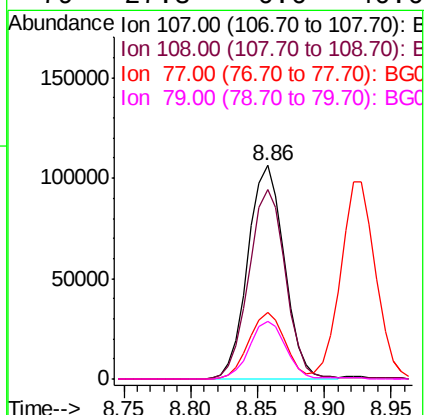
Ion Ratio Lower Upper

107 100

108 88.8 69.9 109.9

77 31.3 11.2 51.2

79 27.3 6.6 46.6

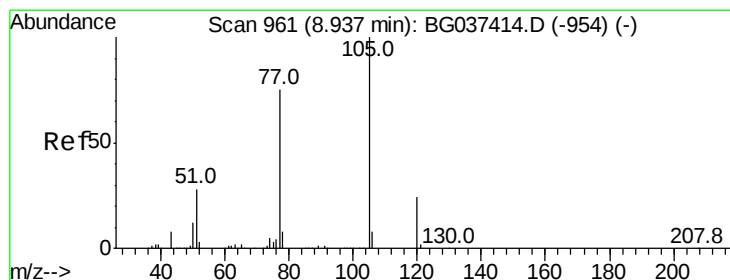
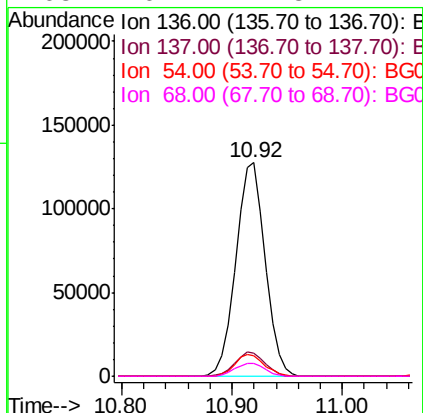
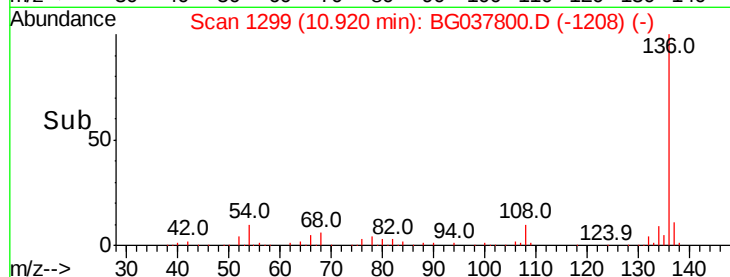
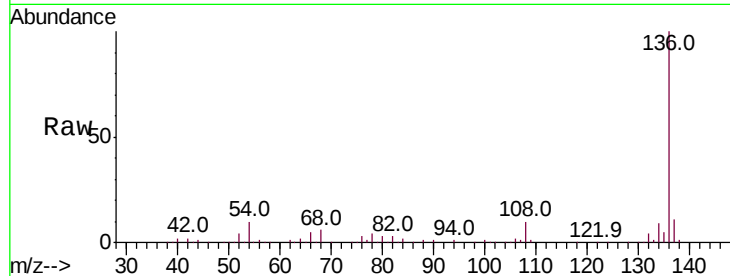




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

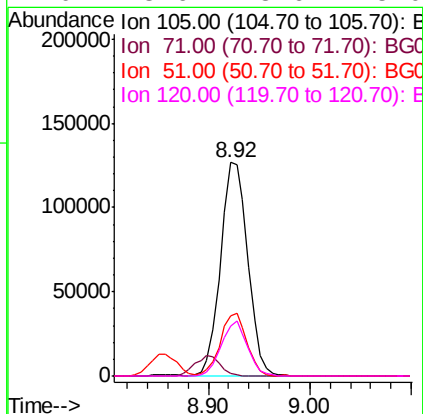
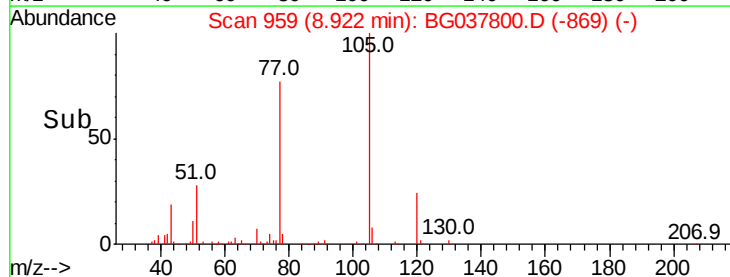
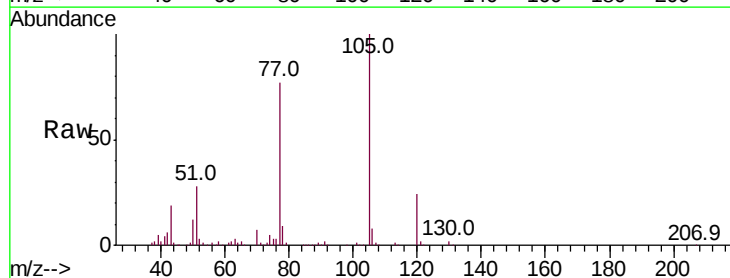
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

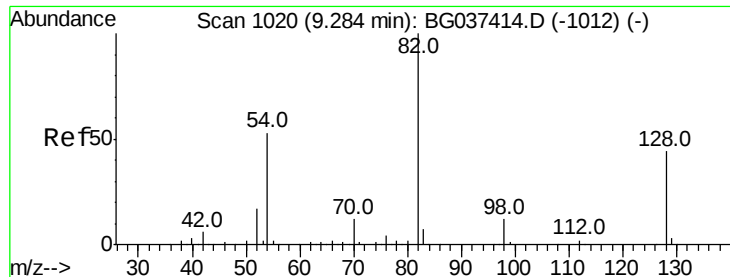
Tot Ion:	136	Resp:	237068
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.1	7.9	11.9
68	6.2	4.8	7.2



#22
Acetophenone
Concen: 39.544 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:	105	Resp:	235110
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	28.3	25.0	37.6
120	23.6	18.6	28.0

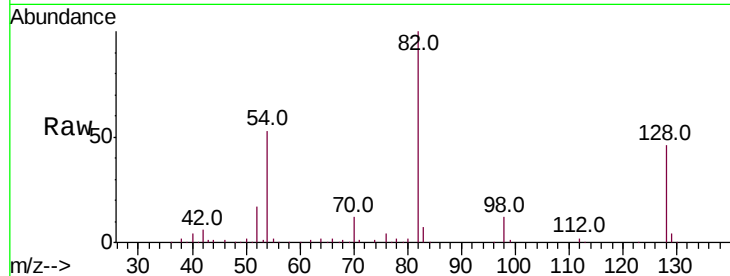




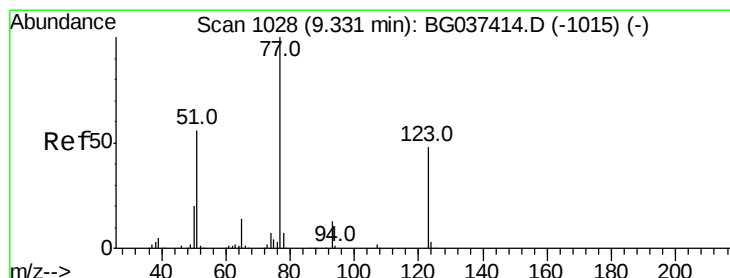
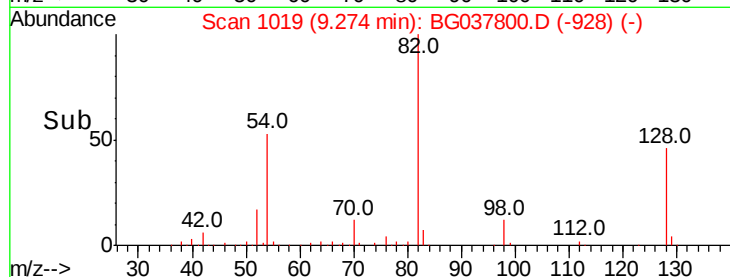
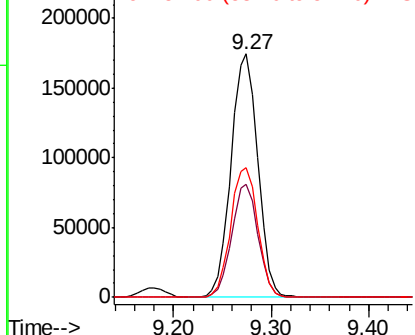
#23
Nitrobenzene-d5
Concen: 78.458 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion: 82 Resp: 332028
Ion Ratio Lower Upper
82 100
128 46.2 34.6 51.8
54 53.3 45.3 67.9

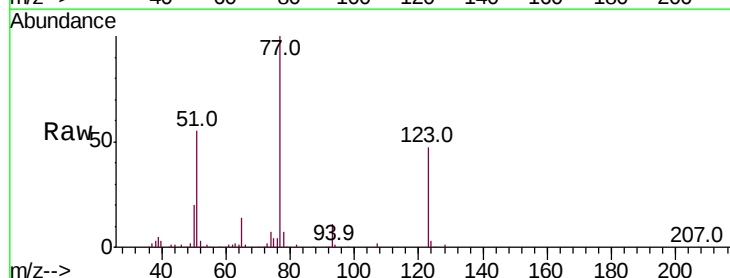


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

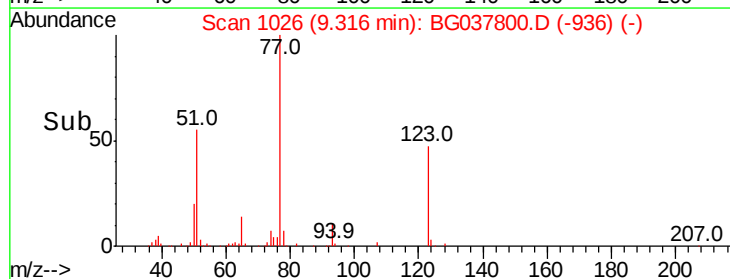
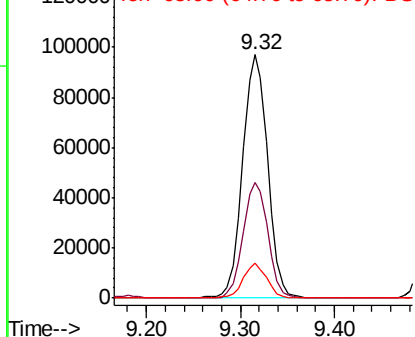


#24
Nitrobenzene
Concen: 40.576 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion: 77 Resp: 178385
Ion Ratio Lower Upper
77 100
123 47.5 33.6 50.4
65 14.4 11.3 16.9



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





#25

Isophorone

Concen: 44.180 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

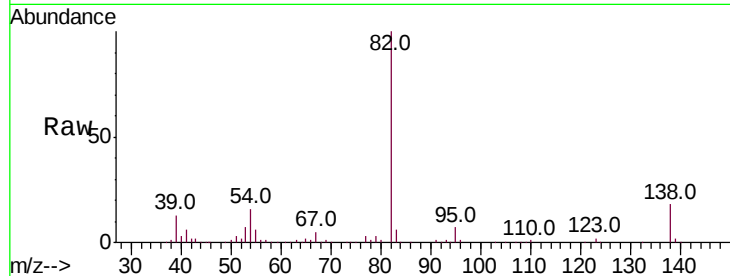
Tot Ion: 82 Resp: 341617

Ion Ratio Lower Upper

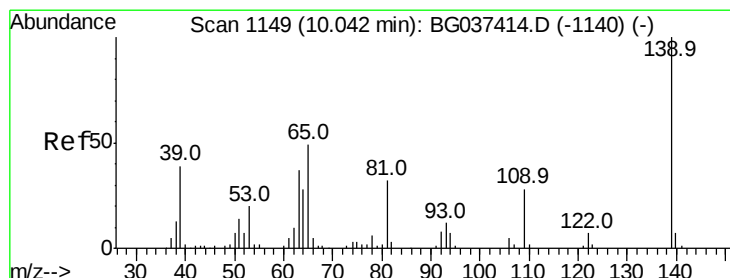
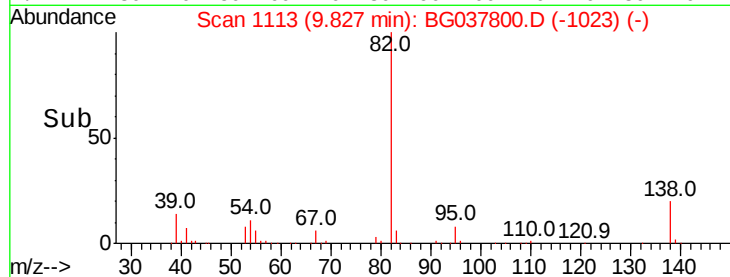
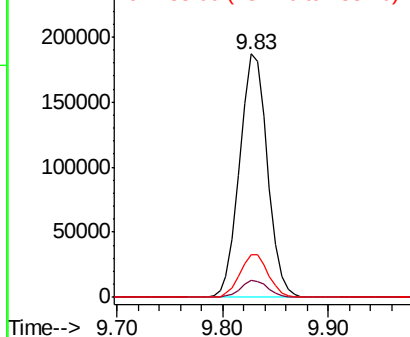
82 100

95 6.9 5.3 7.9

138 17.6 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: 44.519 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

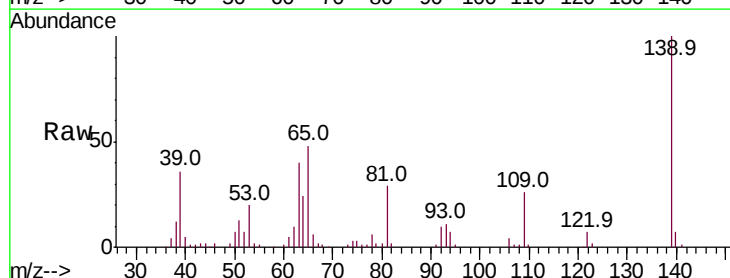
Tgt Ion: 139 Resp: 88171

Ion Ratio Lower Upper

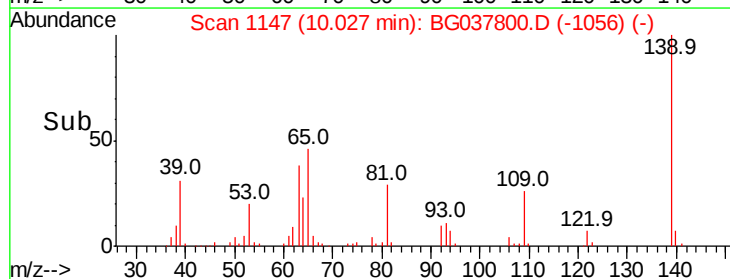
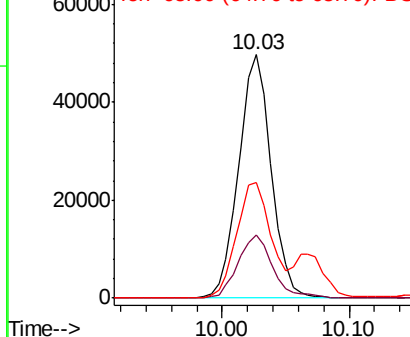
139 100

109 25.8 23.3 34.9

65 47.6 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

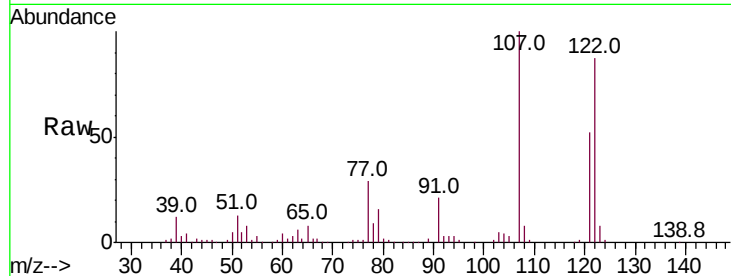




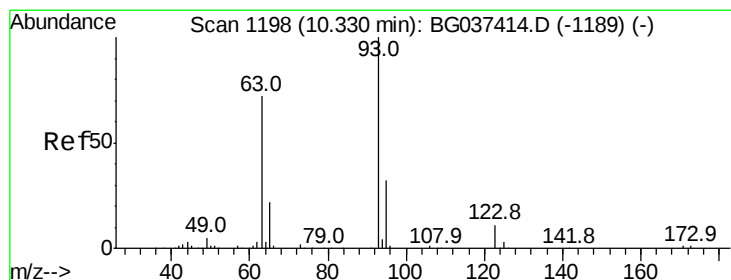
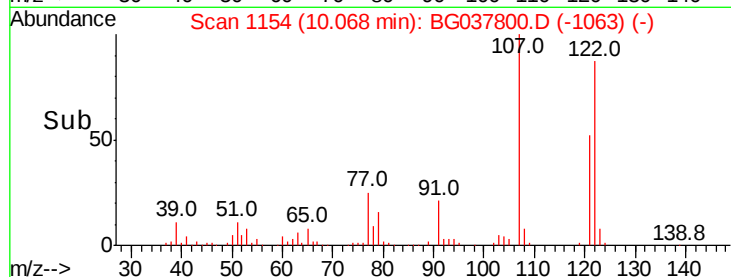
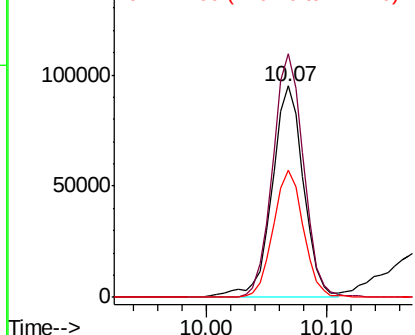
#27
2,4-Dimethylphenol
Concen: 48.264 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampled :
PB114322BSD

Tot Ion:122 Resp: 170669
Ion Ratio Lower Upper
122 100
107 115.3 94.2 141.2
121 60.3 47.3 70.9

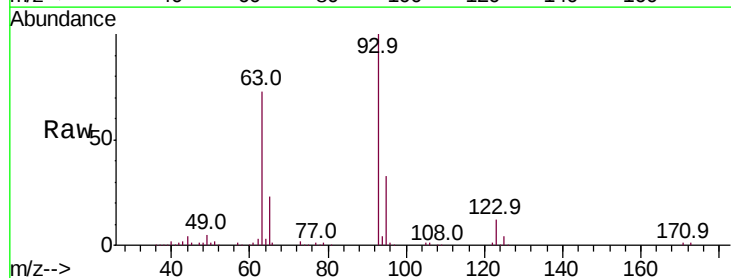


Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

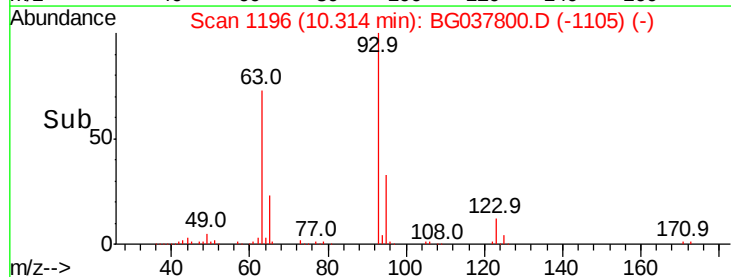
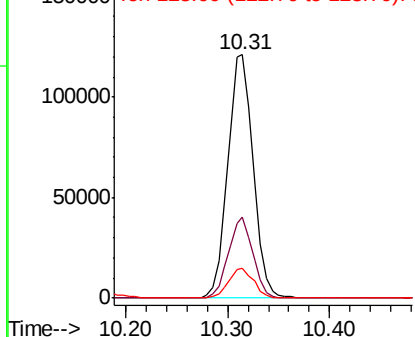


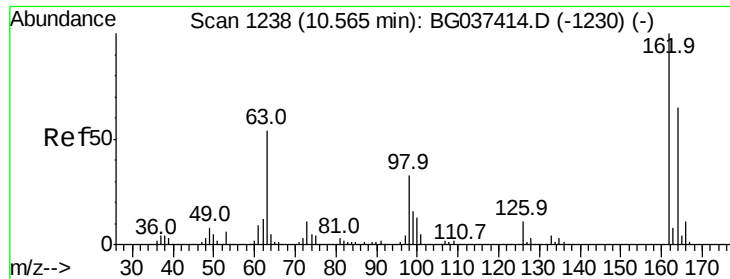
#28
bis(2-Chloroethoxy)methane
Concen: 41.416 ng
RT: 10.31 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion: 93 Resp: 209819
Ion Ratio Lower Upper
93 100
95 33.1 24.6 37.0
123 12.5 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000 Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

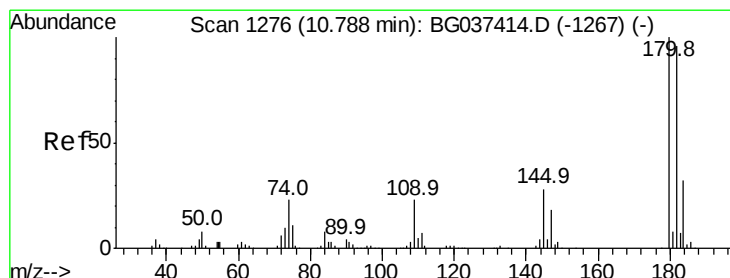
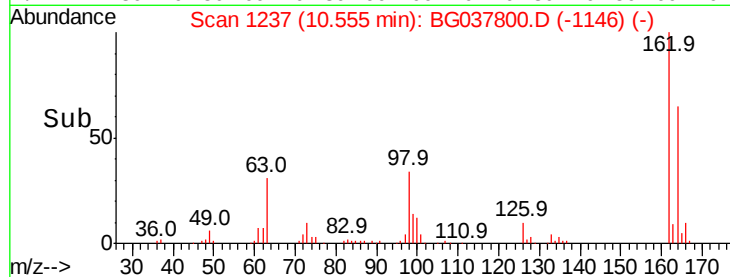
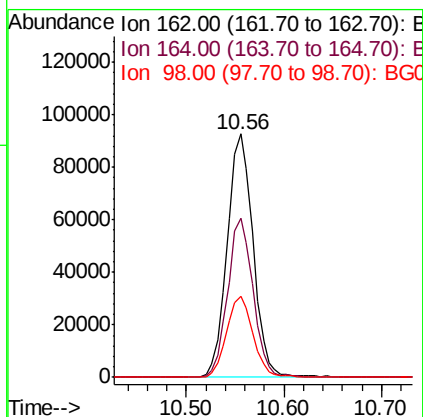
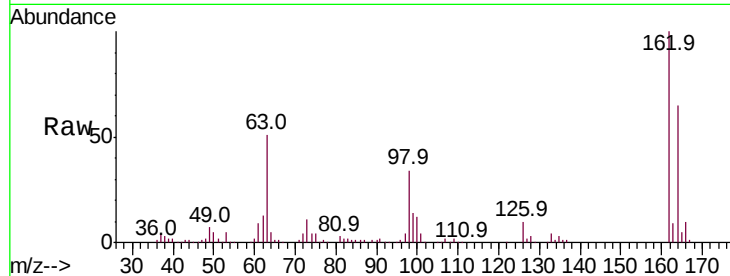




#29
 2,4-Dichlorophenol
 Concen: 43.409 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

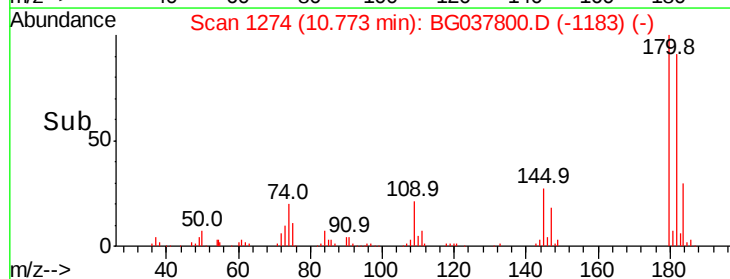
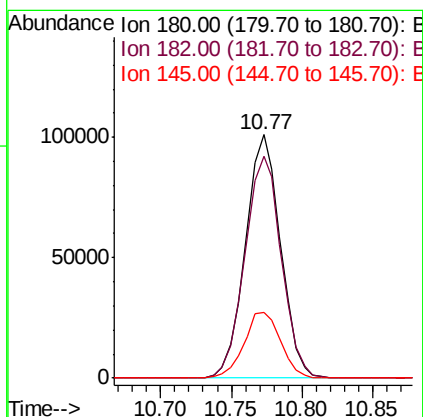
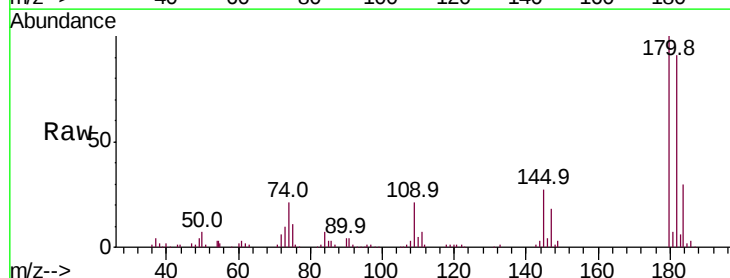
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

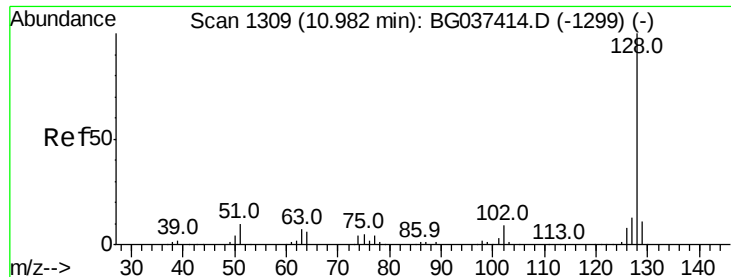
Tot Ion:162 Resp: 170911
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.2 83.2
 98 33.5 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.199 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion:180 Resp: 176399
 Ion Ratio Lower Upper
 180 100
 182 91.1 77.7 116.5
 145 27.0 23.3 34.9

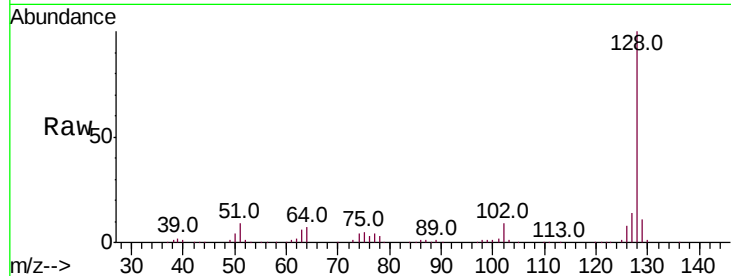




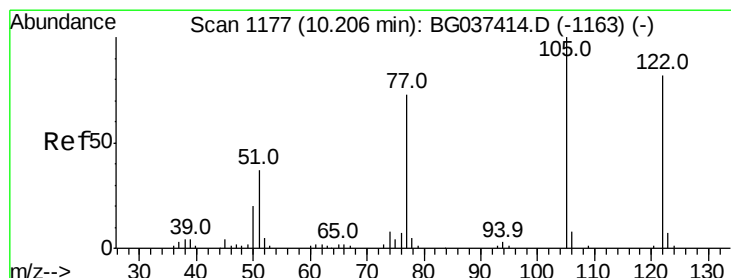
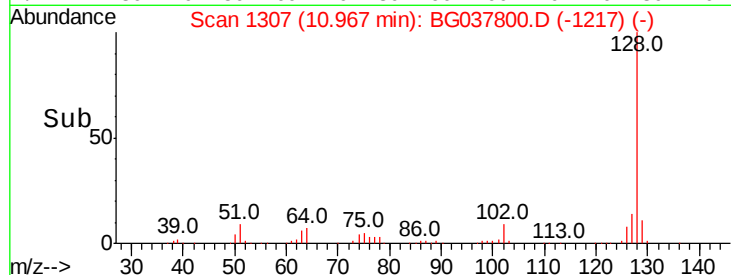
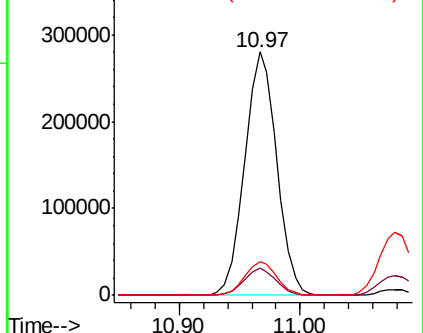
#31
Naphthalene
Concen: 44.342 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:128 Resp: 516328
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 11.1 16.7

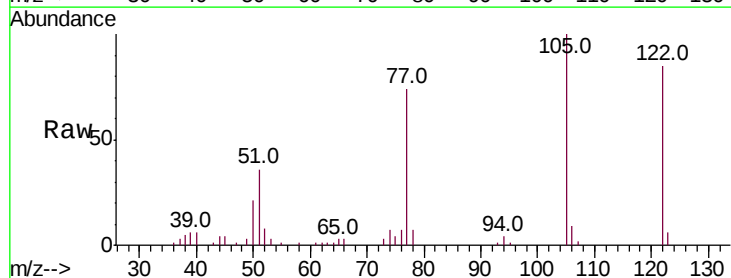


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

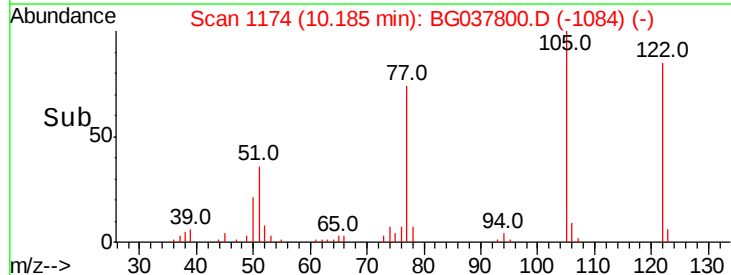
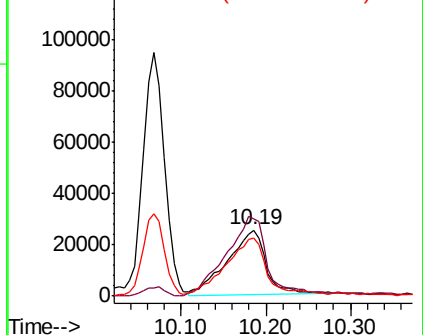


#32
Benzoic acid
Concen: 34.833 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:122 Resp: 80003
Ion Ratio Lower Upper
122 100
105 117.2 106.7 146.7
77 87.1 72.2 112.2



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

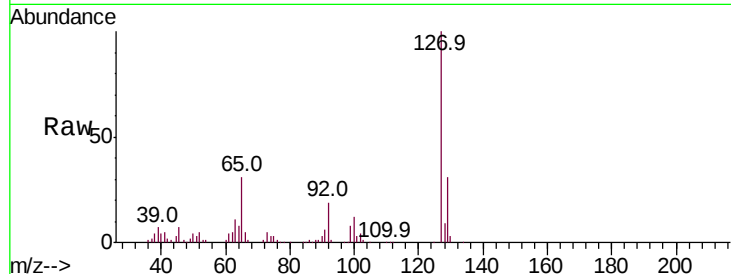




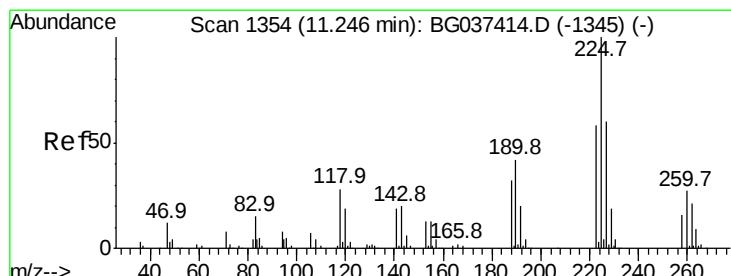
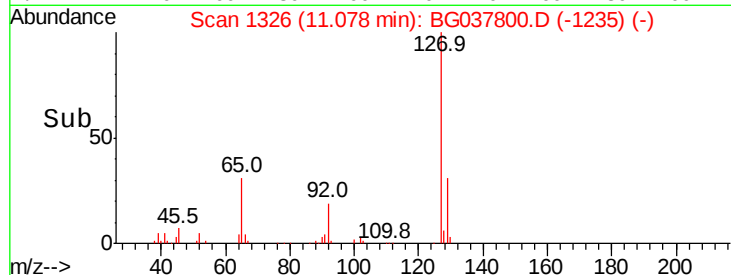
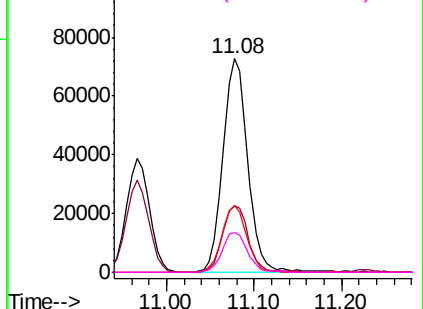
#33
4-Chloroaniline
Concen: 25.931 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:127 Resp: 141871
Ion Ratio Lower Upper
127 100
129 31.3 27.1 40.7
65 30.9 26.6 39.8
92 18.8 16.4 24.6

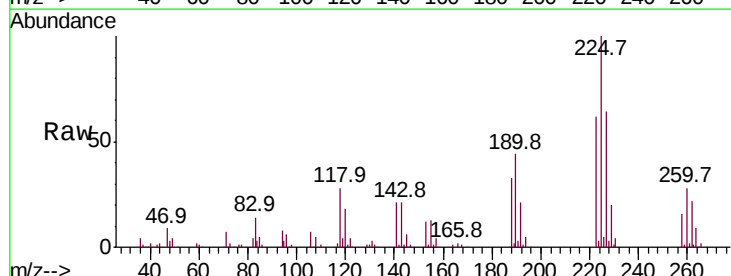


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

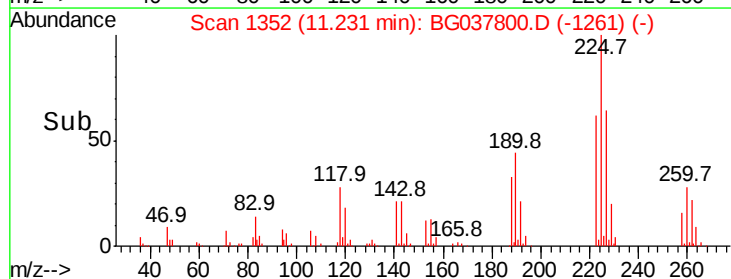
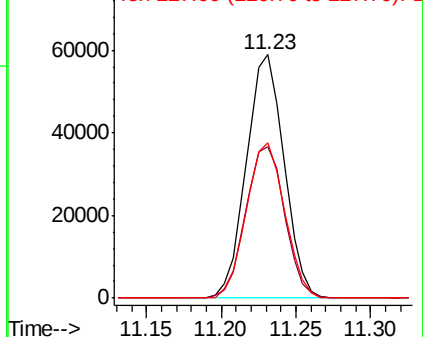


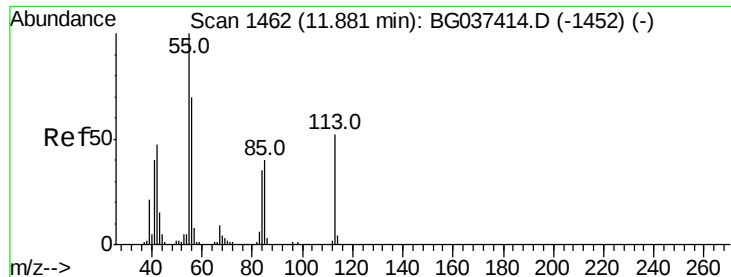
#34
Hexachlorobutadiene
Concen: 40.575 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:225 Resp: 102964
Ion Ratio Lower Upper
225 100
223 59.6 48.2 72.4
227 63.8 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: 38.396 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

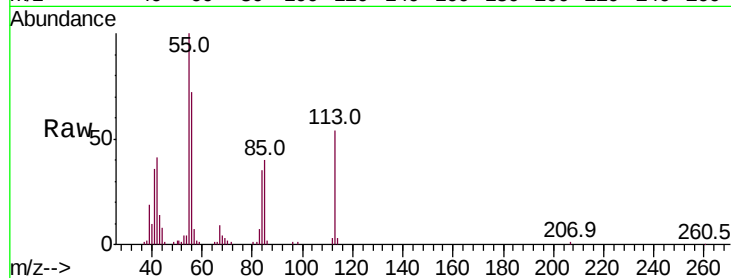
Tot Ion:113 Resp: 60630

Ion Ratio Lower Upper

113 100

55 186.3 176.6 216.6

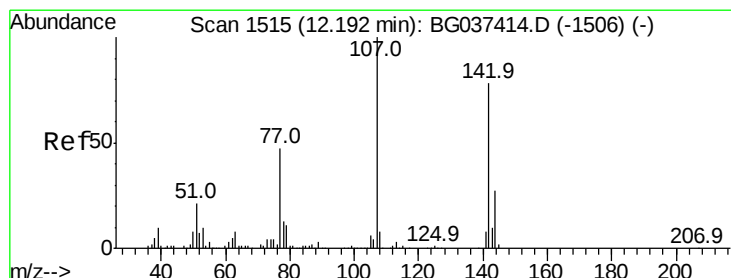
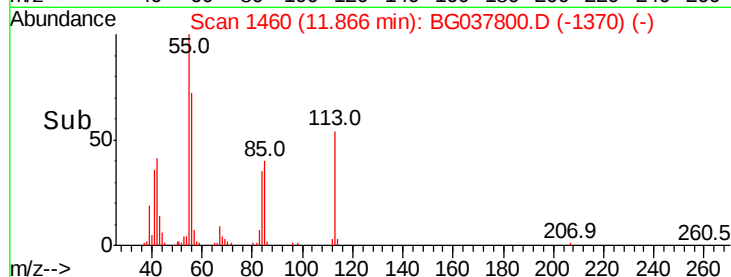
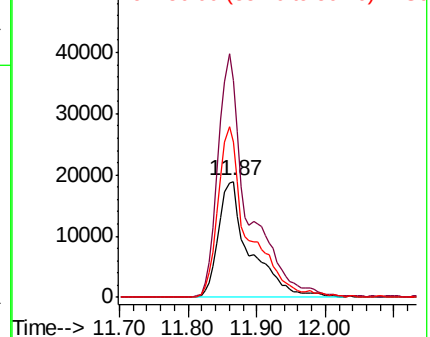
56 133.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037800.D (-1370) (-)

Ion 56.00 (55.70 to 56.70): BG037800.D (-1370) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.408 ng

RT: 12.18 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

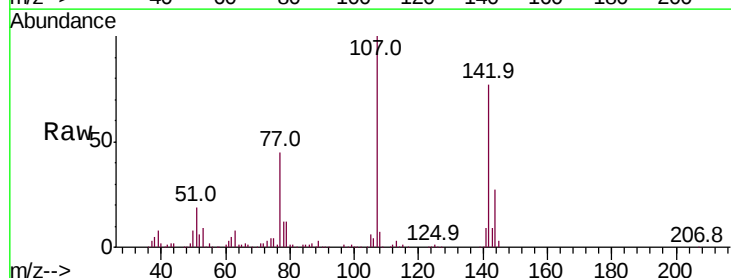
Tgt Ion:107 Resp: 183862

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

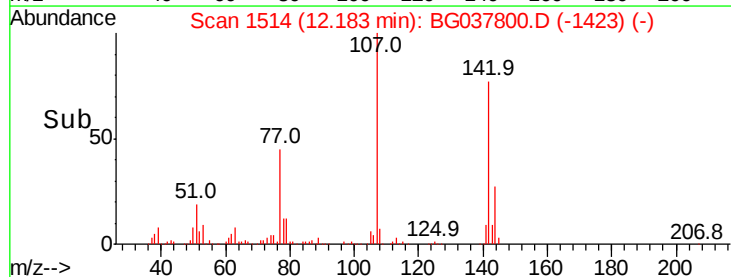
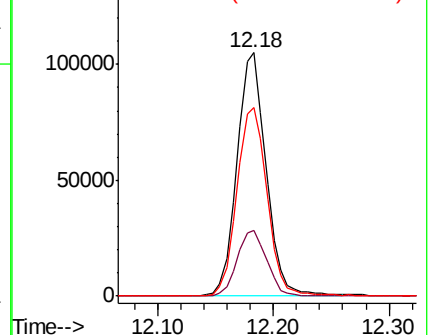
142 77.3 64.4 96.6

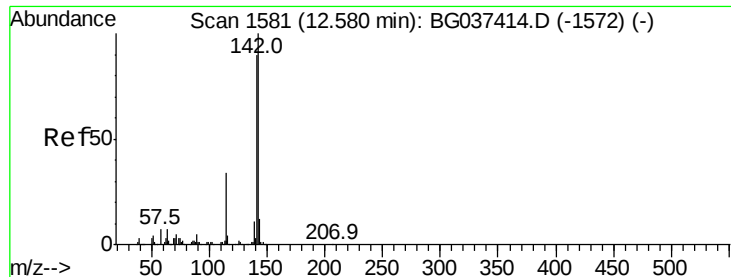


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

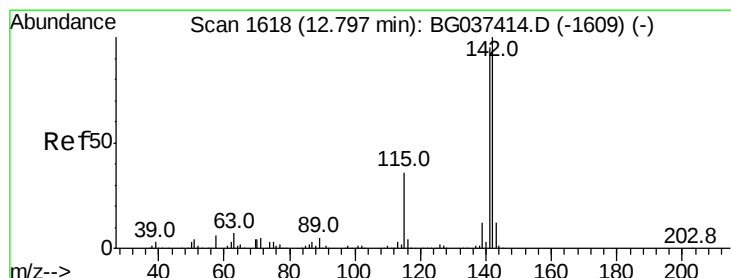
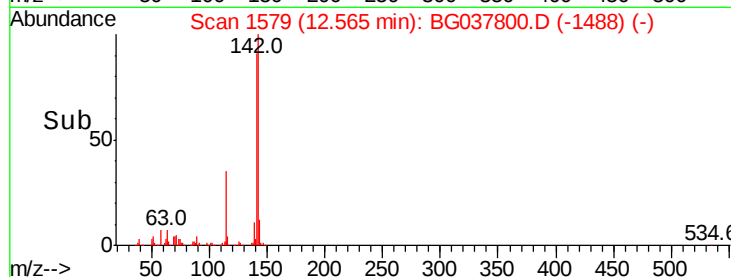
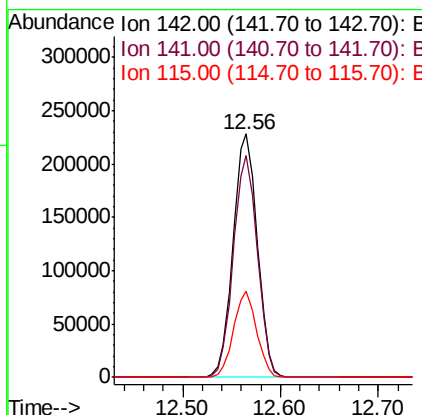
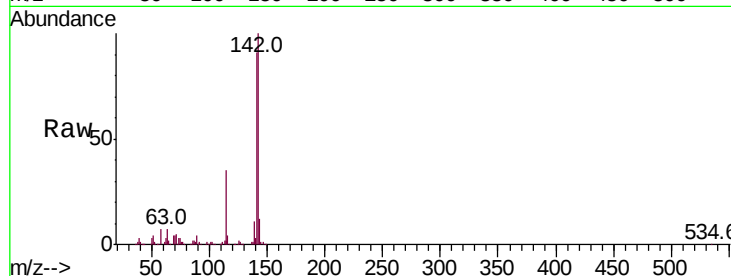




#37
2-Methylnaphthalene
Concen: 46.194 ng
RT: 12.56 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

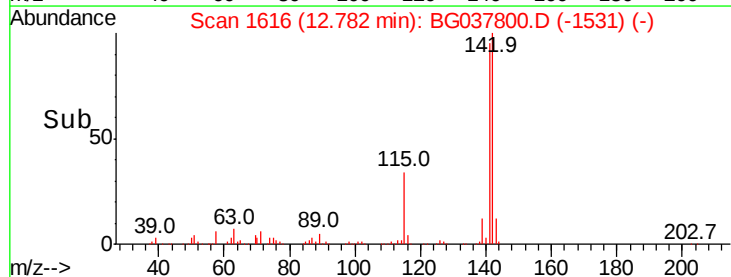
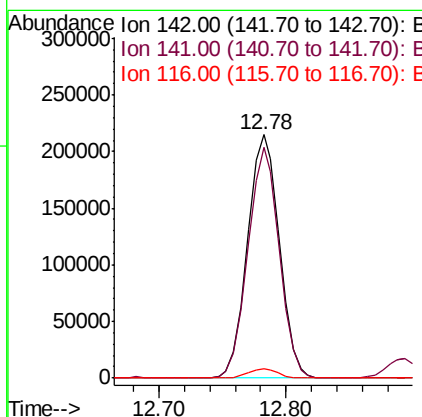
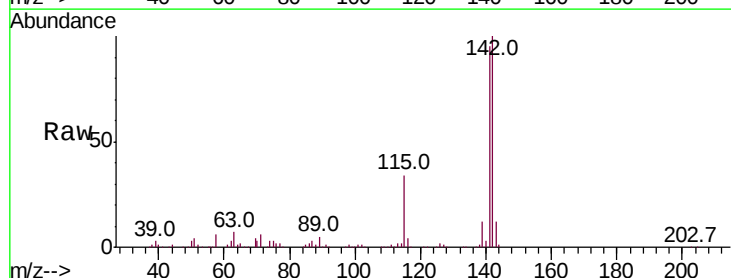
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

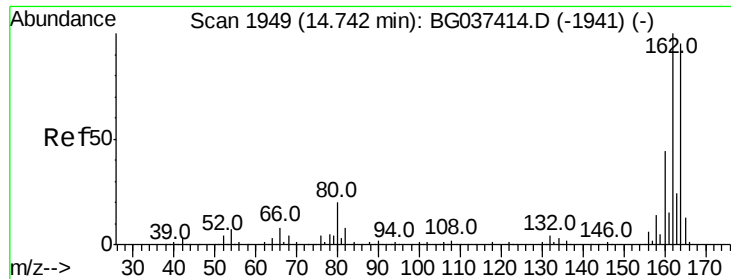
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	35.4	27.8	41.8



#38
1-Methylnaphthalene
Concen: 45.363 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

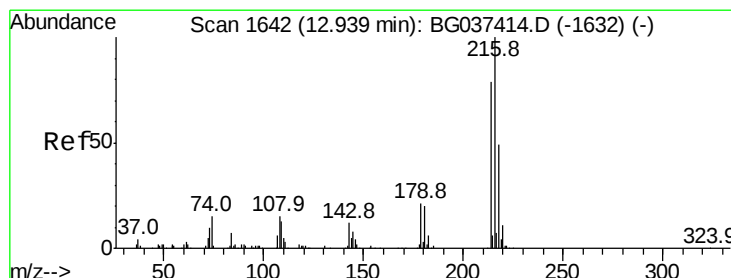
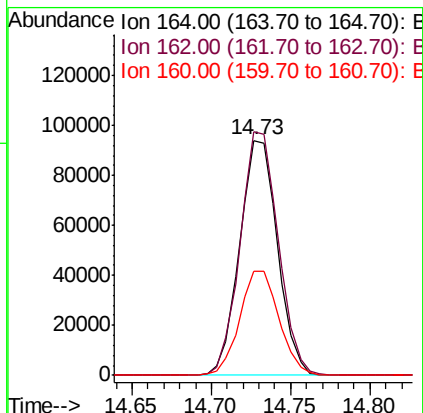
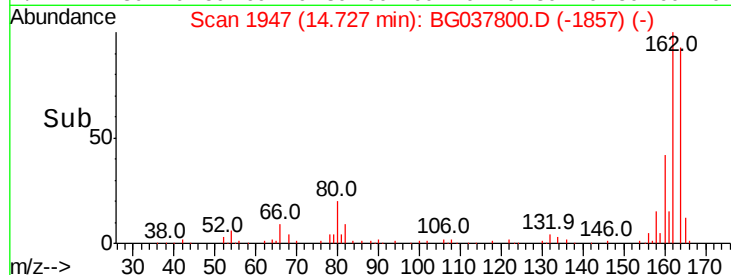
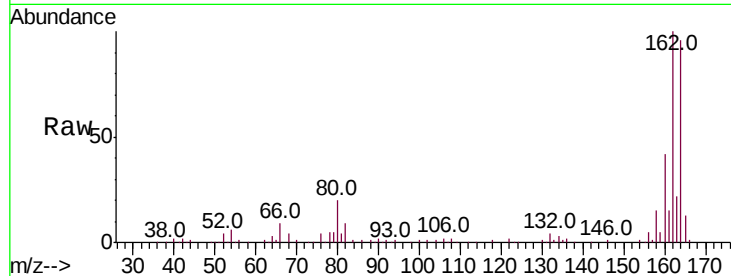
Tot Ion:164 Resp: 155520

Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

160 44.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.998 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion:216 Resp: 210676

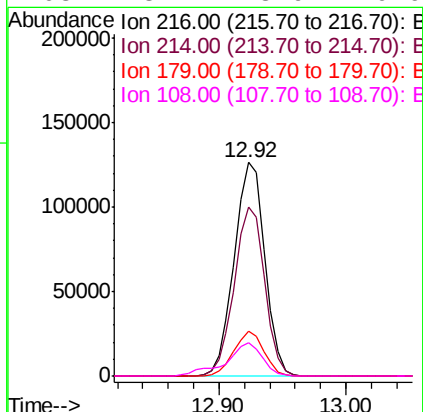
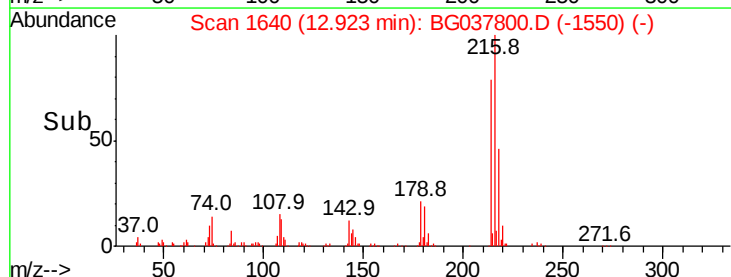
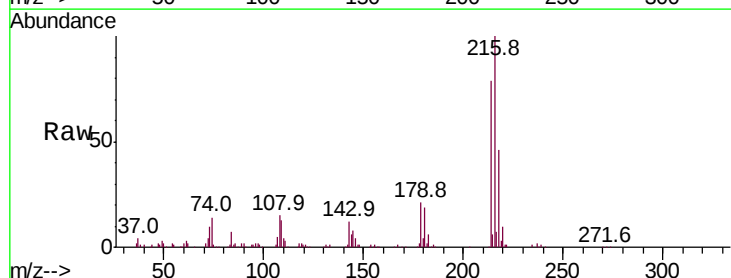
Ion Ratio Lower Upper

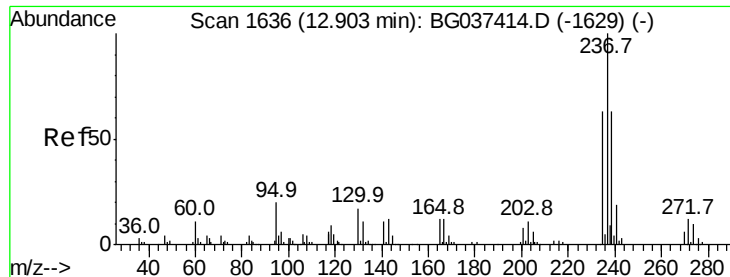
216 100

214 78.5 63.8 95.6

179 20.4 17.4 26.0

108 18.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 105.022 ng

RT: 12.89 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

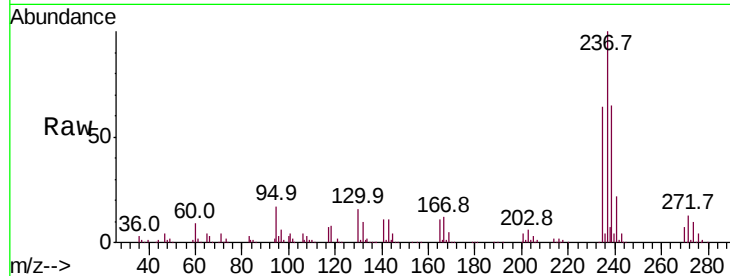
Tot Ion:237 Resp: 251653

Ion Ratio Lower Upper

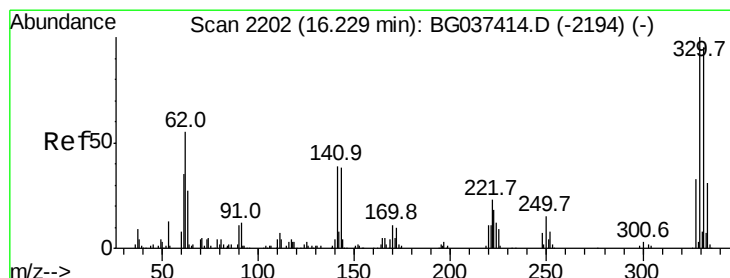
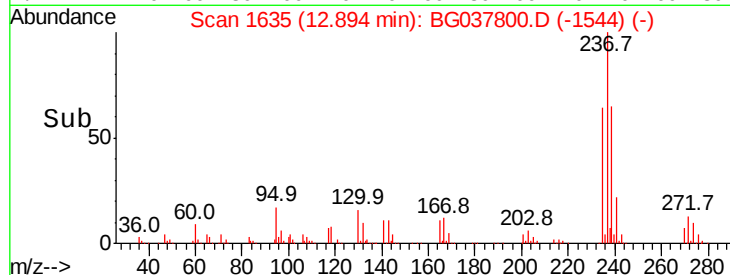
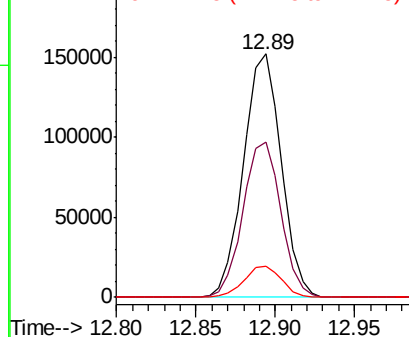
237 100

235 63.7 42.5 82.5

272 12.5 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: 158.141 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

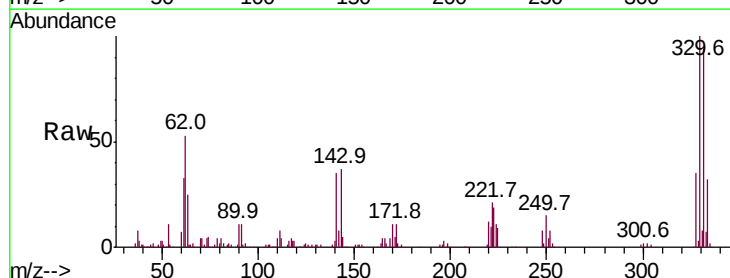
Tgt Ion:330 Resp: 268245

Ion Ratio Lower Upper

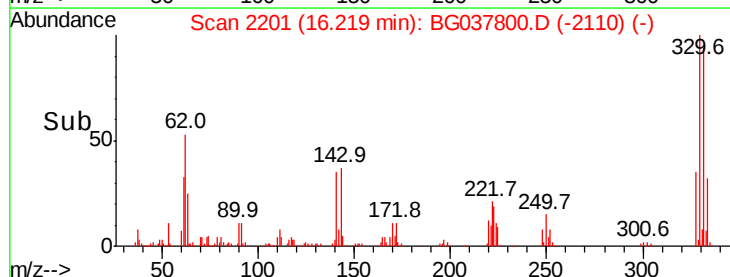
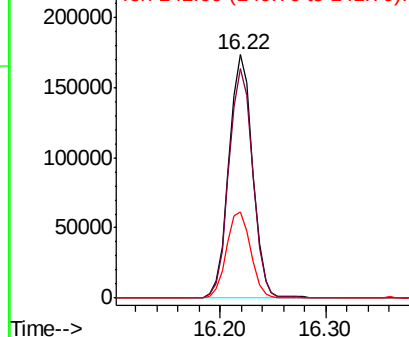
330 100

332 94.8 78.4 117.6

141 36.4 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

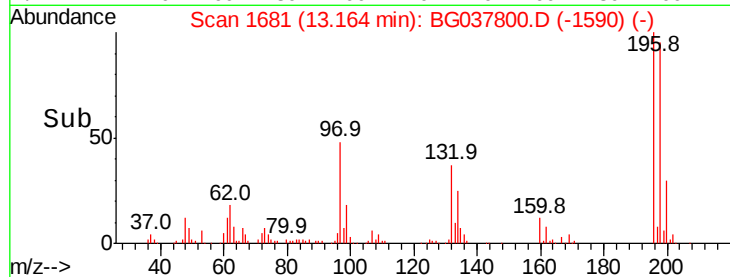
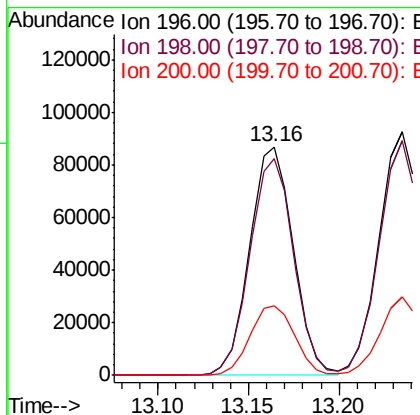
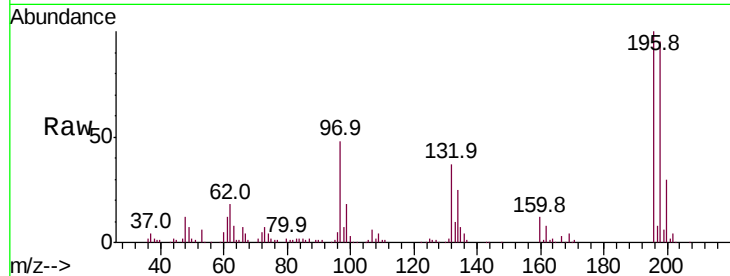




#43
 2,4,6-Trichlorophenol
 Concen: 43.313 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

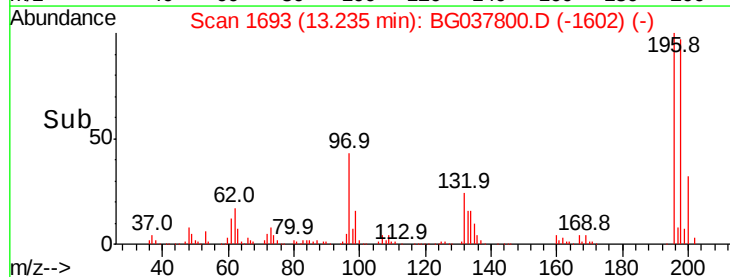
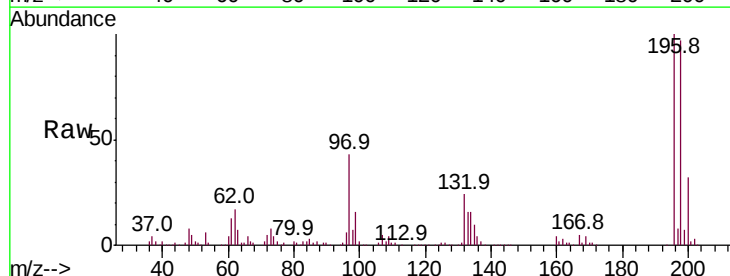
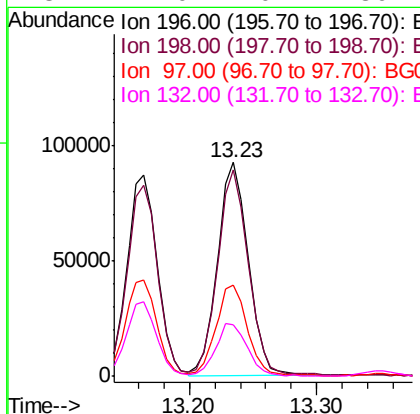
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

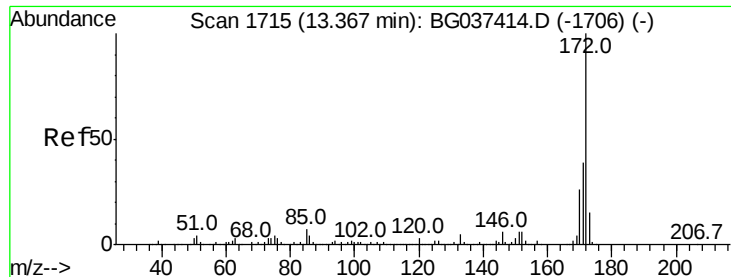
Tot Ion	196	Resp	145156
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.4	114.6
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.644 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	196	Resp	155601
Ion Ratio	Lower	Upper	
196	100		
198	96.5	74.2	111.2
97	42.5	34.1	51.1
132	24.0	20.2	30.4

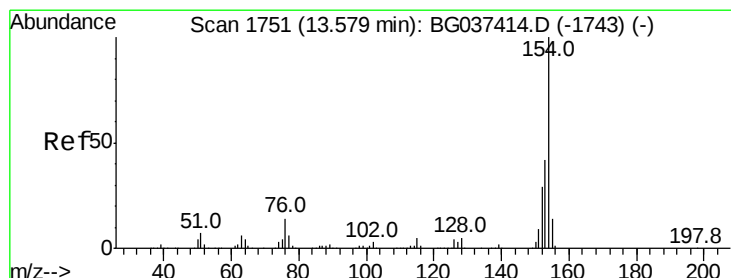
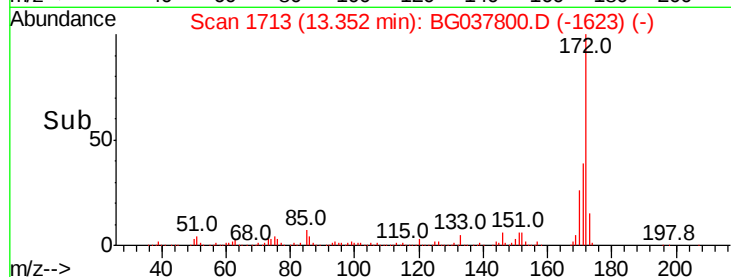
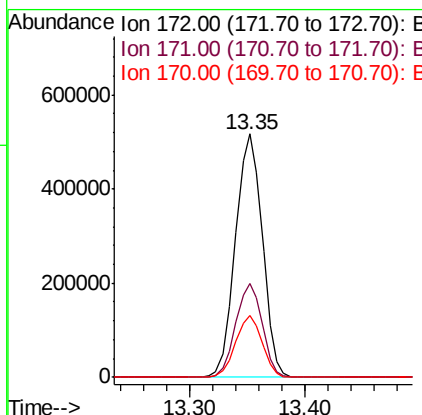
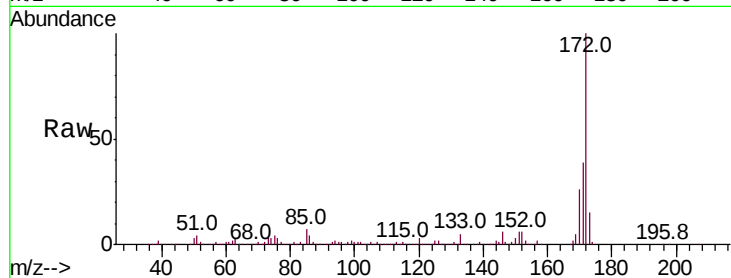




#45
2-Fluorobiphenyl
Concen: 80.585 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

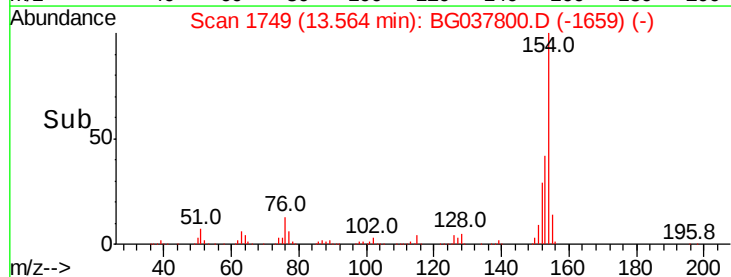
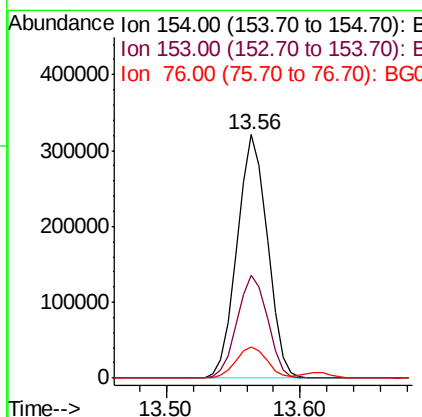
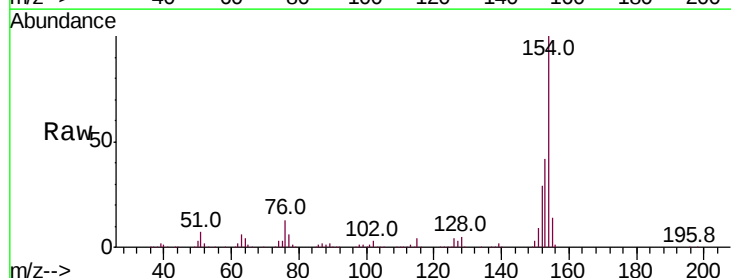
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

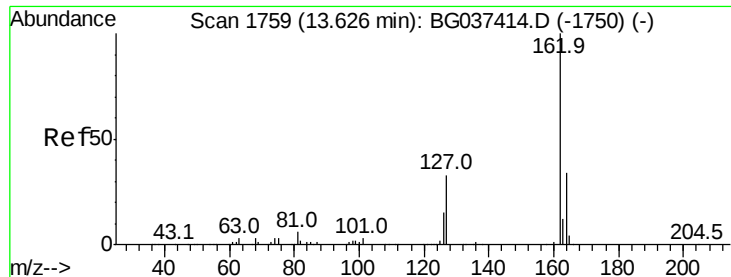
Tot Ion:172 Resp: 831104
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 25.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.164 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:154 Resp: 504424
Ion Ratio Lower Upper
154 100
153 42.3 22.1 62.1
76 12.6 0.0 33.2

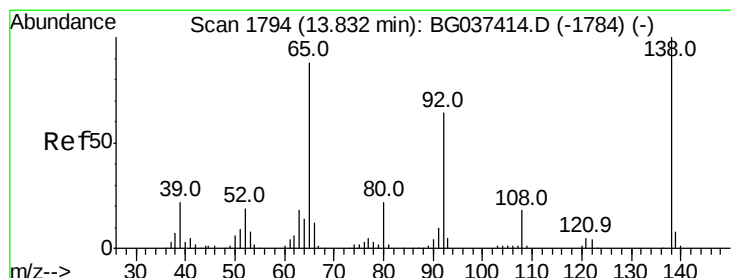
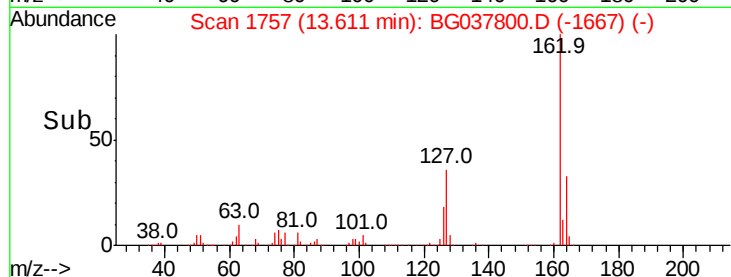
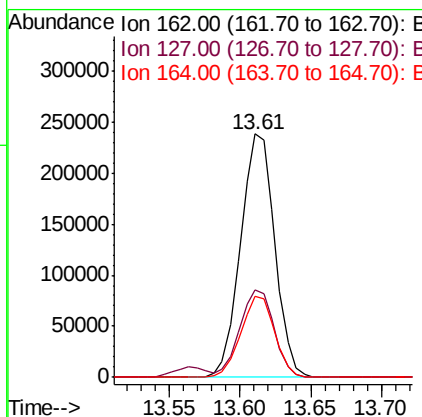
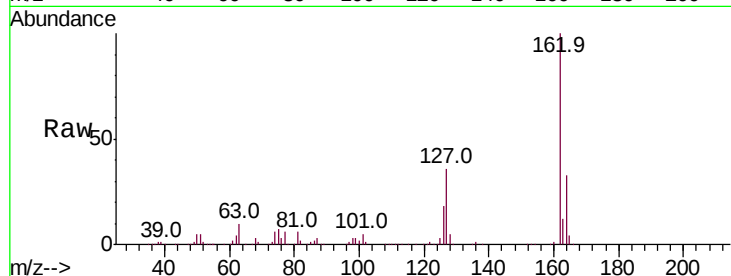




#47
 2-Chloronaphthalene
 Concen: 41.412 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

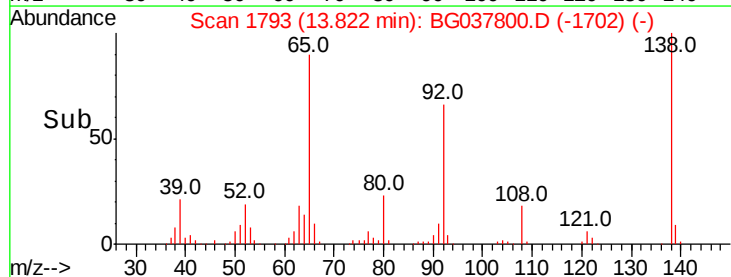
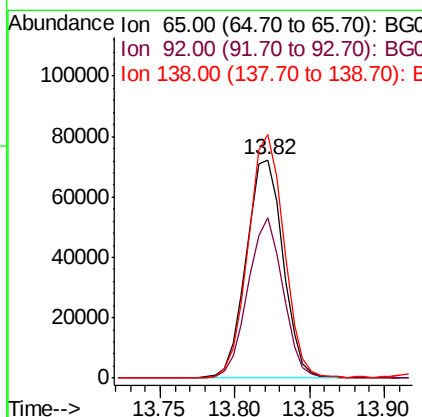
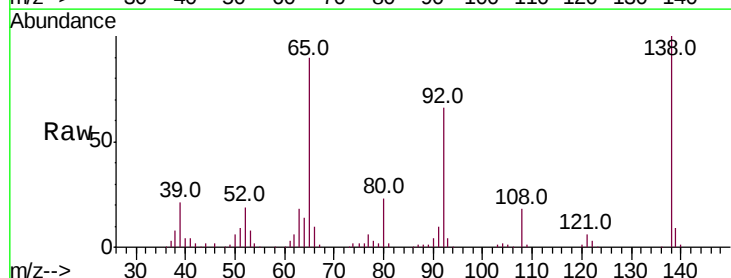
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

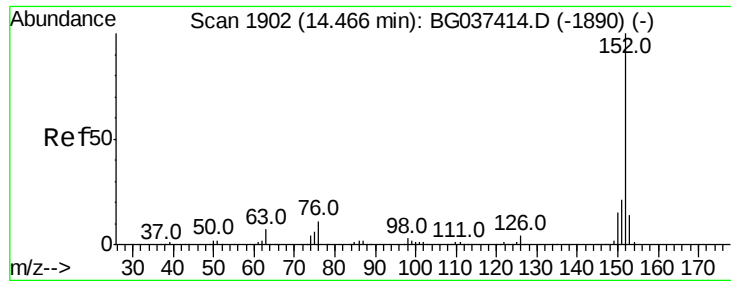
Tot Ion:162 Resp: 403521
 Ion Ratio Lower Upper
 162 100
 127 35.7 30.5 45.7
 164 33.4 26.4 39.6



#48
 2-Nitroaniline
 Concen: 41.703 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion: 65 Resp: 123227
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.2 79.8
 138 111.5 79.3 118.9





#49

Acenaphthylene

Concen: 45.137 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

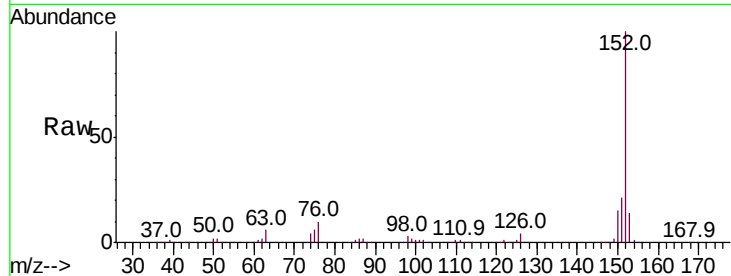
Tot Ion:152 Resp: 661614

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

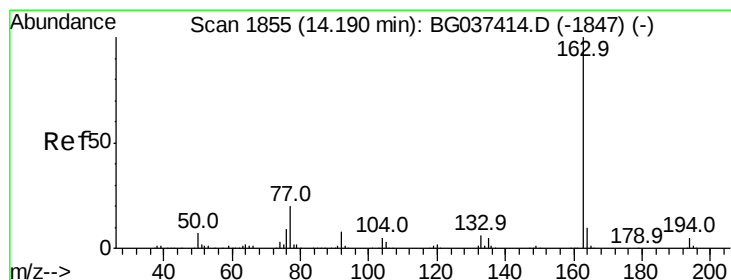
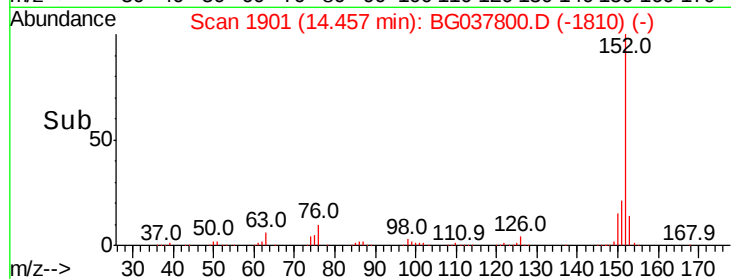
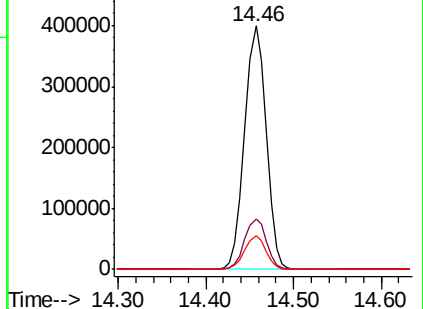
153 13.7 11.1 16.7



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: 41.253 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

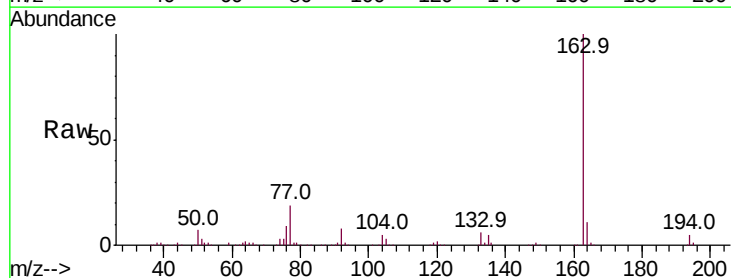
Tgt Ion:163 Resp: 496331

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

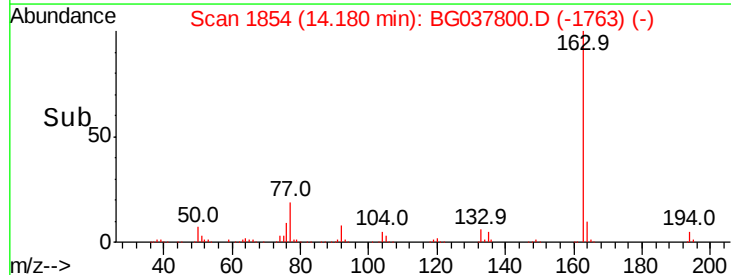
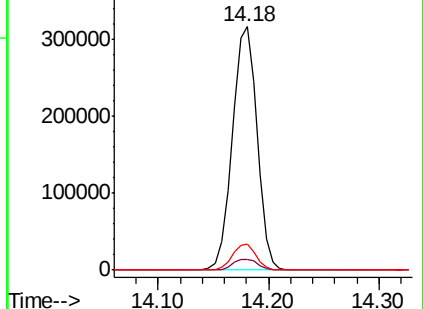
164 10.5 8.5 12.7

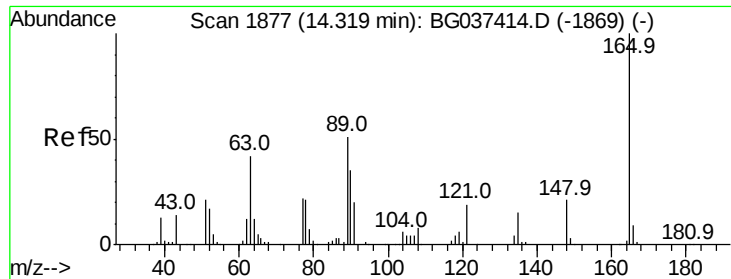


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.976 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

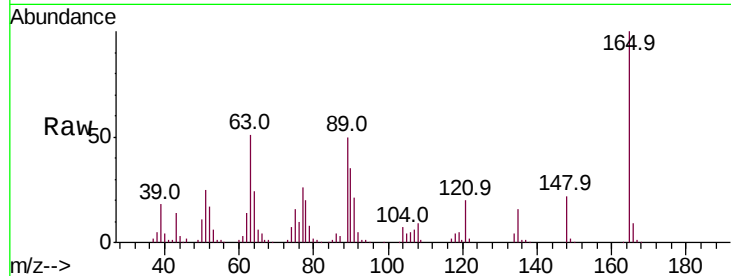
Tot Ion:165 Resp: 111723

Ion Ratio Lower Upper

165 100

63 51.1 43.4 65.2

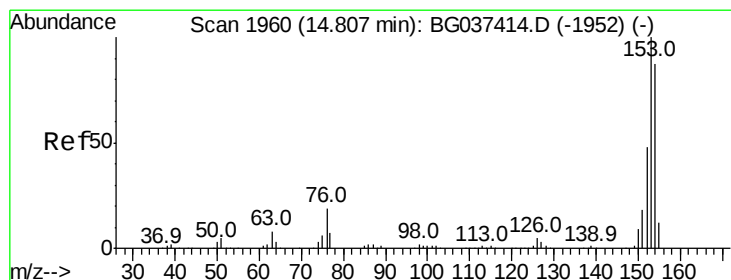
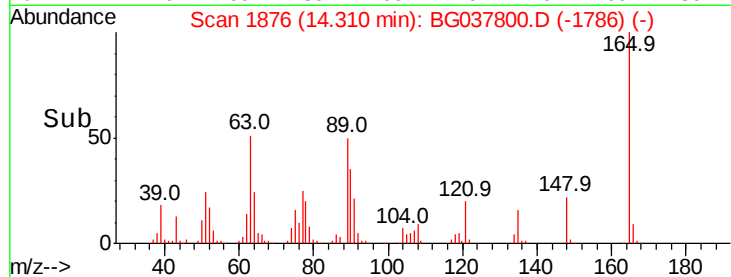
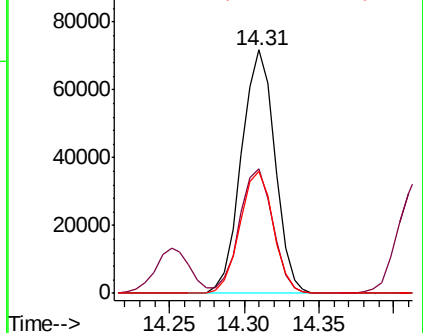
89 50.2 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.277 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

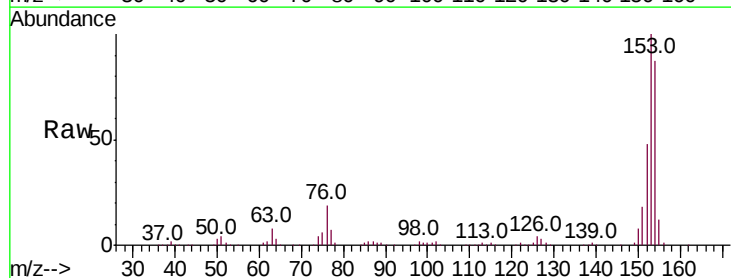
Tgt Ion:154 Resp: 381642

Ion Ratio Lower Upper

154 100

153 114.7 93.4 140.0

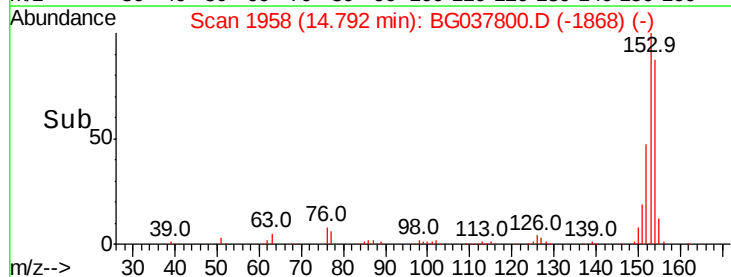
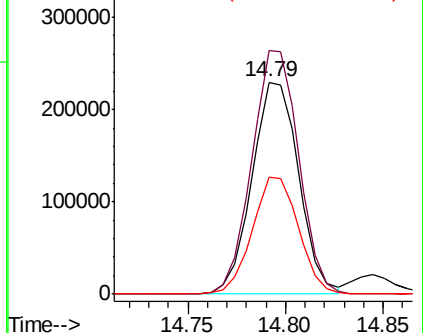
152 54.8 44.7 67.1

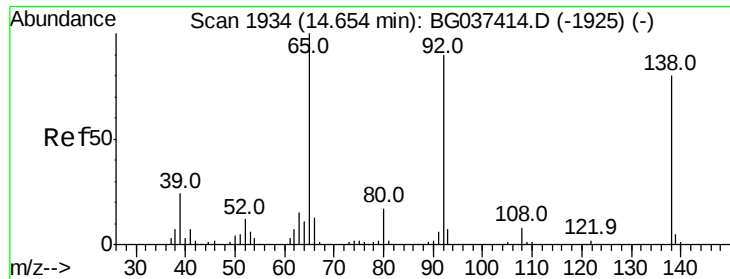


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.967 ng

RT: 14.64 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

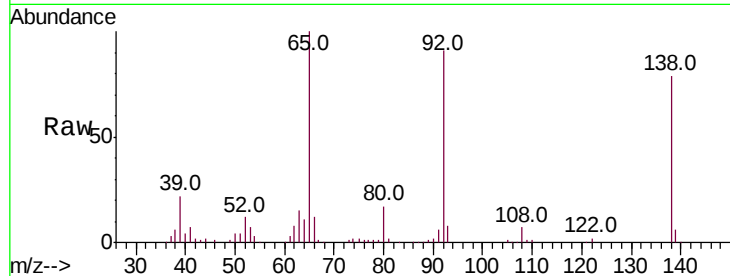
Tot Ion:138 Resp: 97407

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

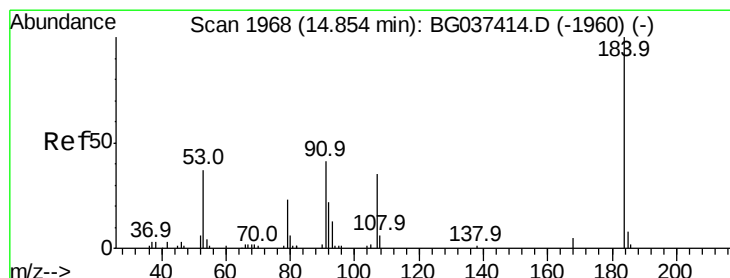
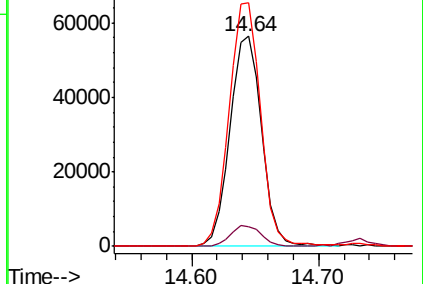
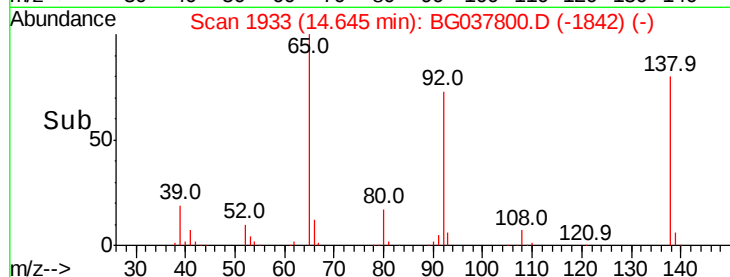
92 115.8 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 65.406 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

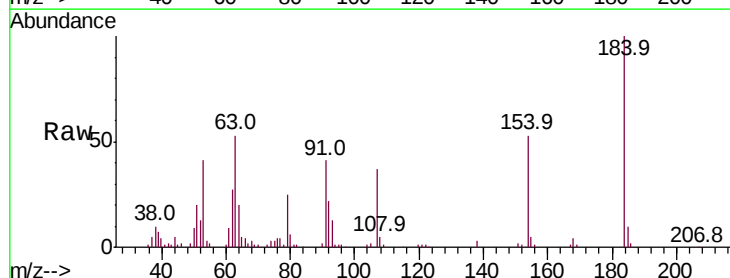
Tgt Ion:184 Resp: 67849

Ion Ratio Lower Upper

184 100

63 52.9 42.6 63.8

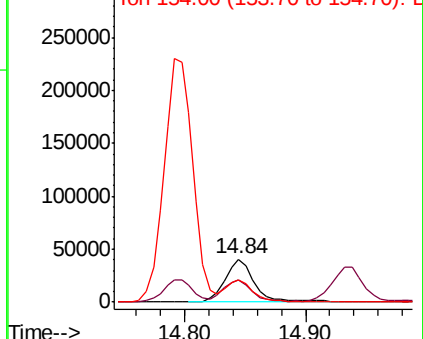
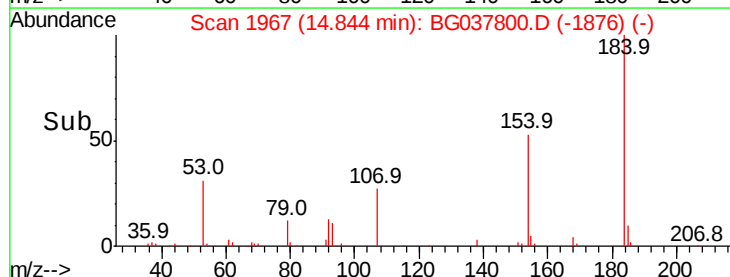
154 52.8 41.8 62.6

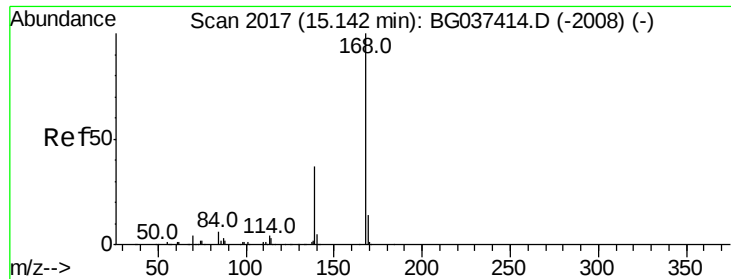


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.296 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

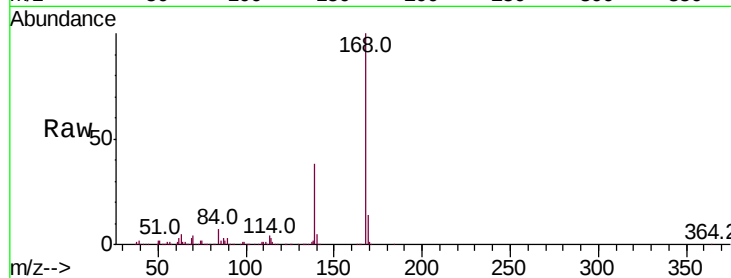
Tot Ion:168 Resp: 617640

Ion Ratio Lower Upper

168 100

139 37.7 29.4 44.0

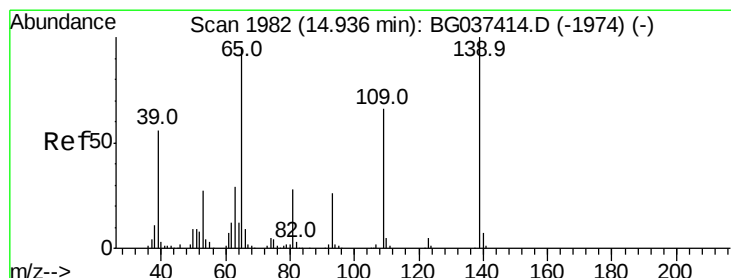
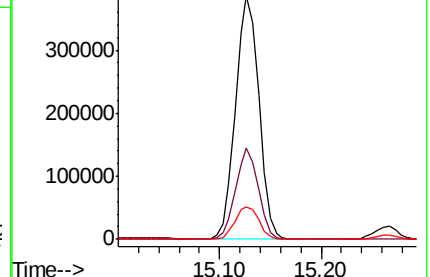
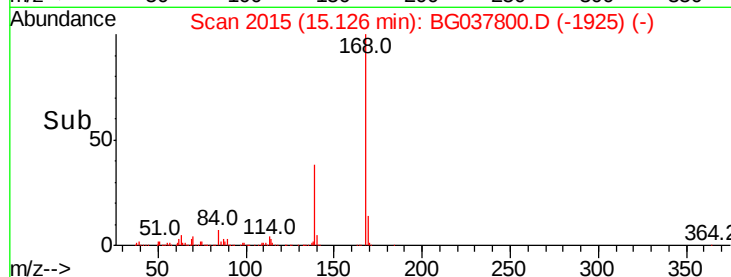
169 13.5 11.0 16.6



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: 105.126 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

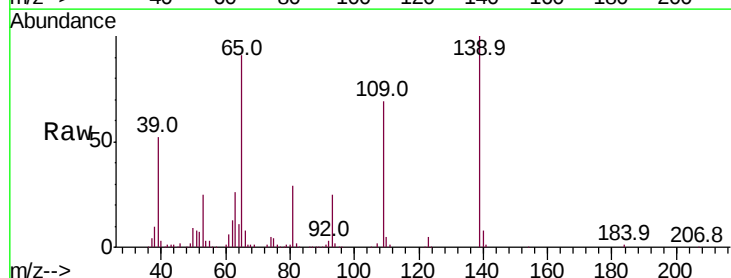
Tgt Ion:139 Resp: 229919

Ion Ratio Lower Upper

139 100

109 69.5 49.5 89.5

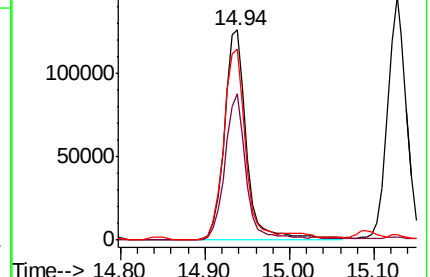
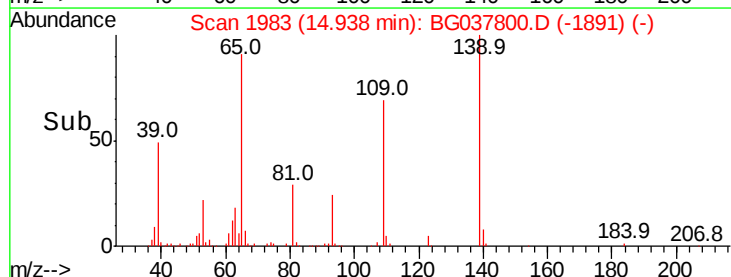
65 91.3 76.8 116.8

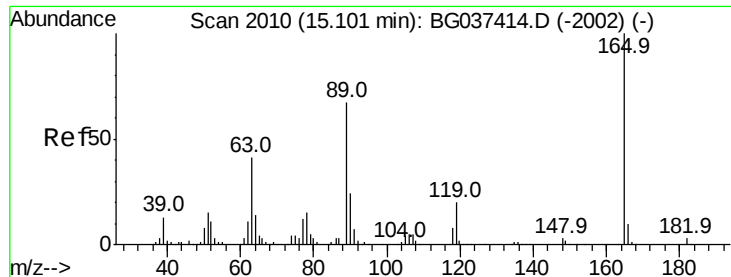


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

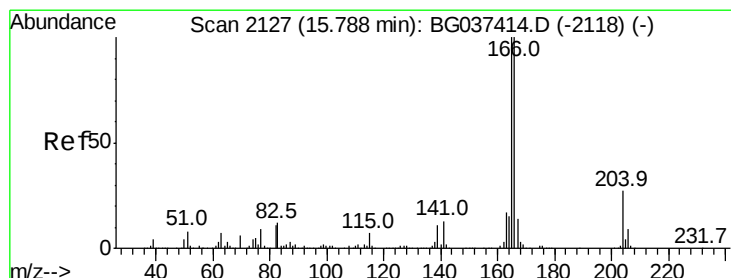
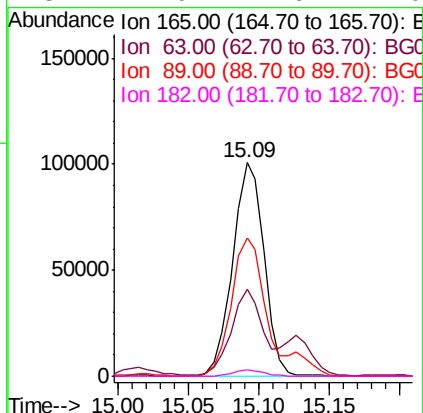
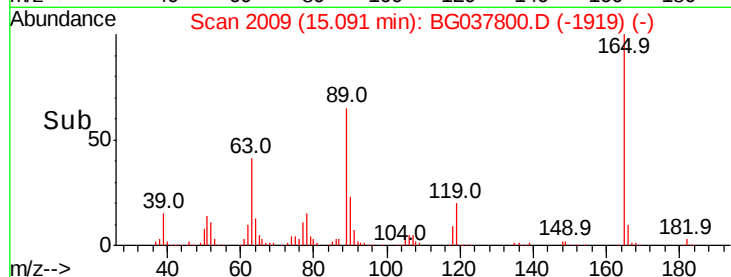
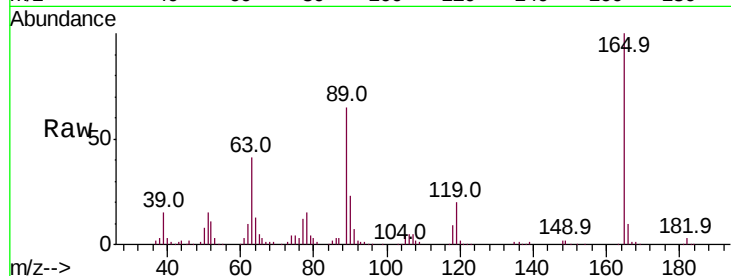




#57
2,4-Dinitrotoluene
Concen: 44.769 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

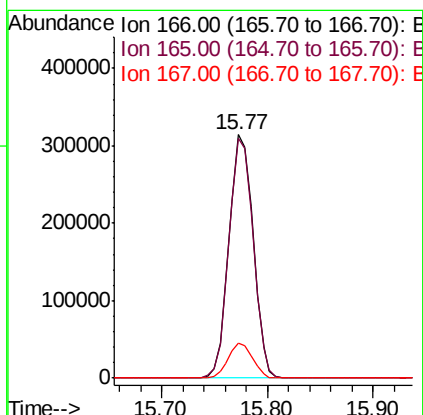
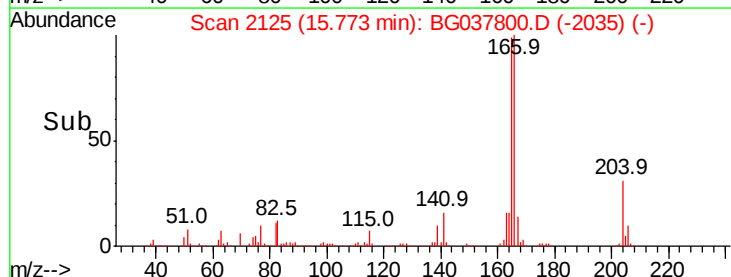
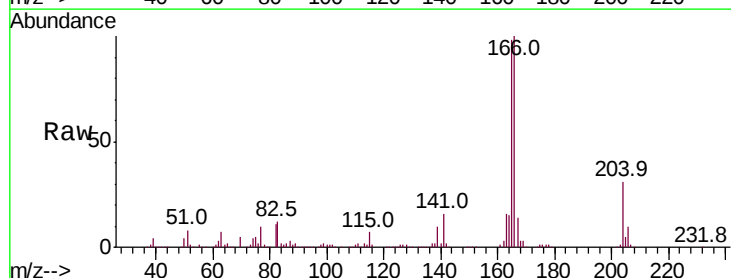
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

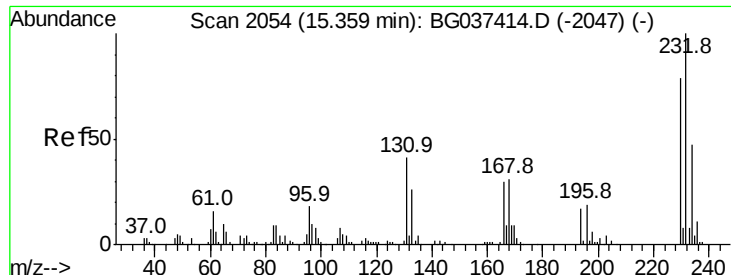
Tot Ion:165 Resp: 156413
Ion Ratio Lower Upper
165 100
63 41.0 33.4 50.0
89 64.9 57.2 85.8
182 2.9 2.6 4.0



#58
Fluorene
Concen: 44.476 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:166 Resp: 498142
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 14.4 11.3 16.9

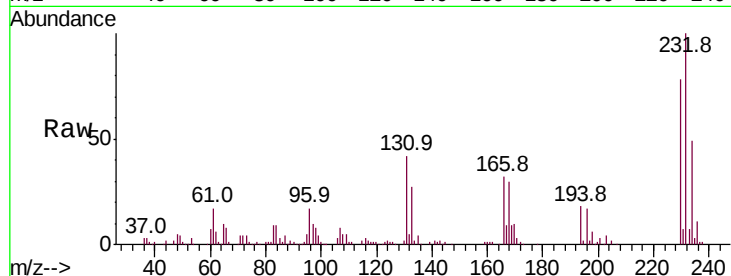




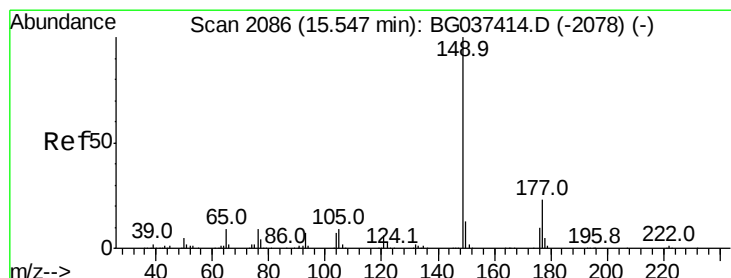
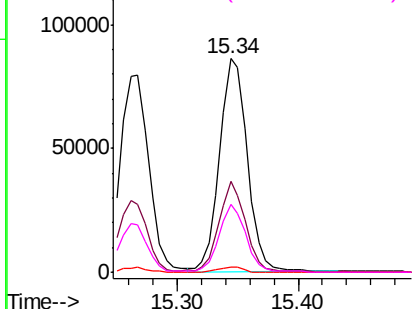
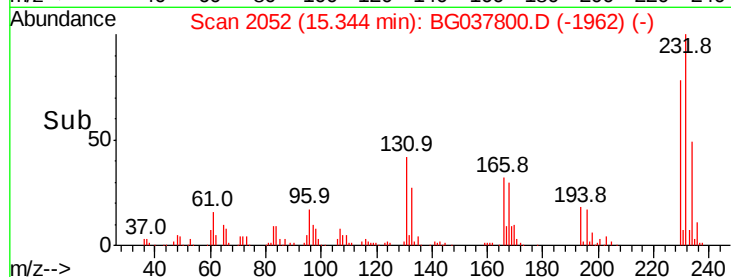
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.875 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion:232 Resp: 137073
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.7 50.5
 130 2.1 2.1 3.1
 166 31.0 24.6 36.8

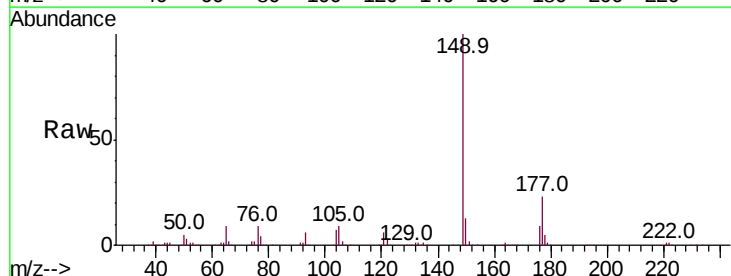


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

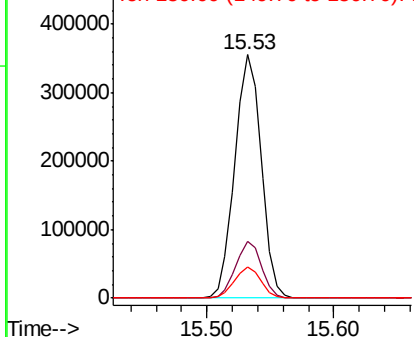
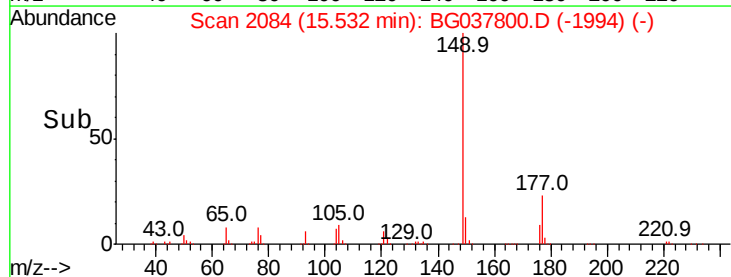


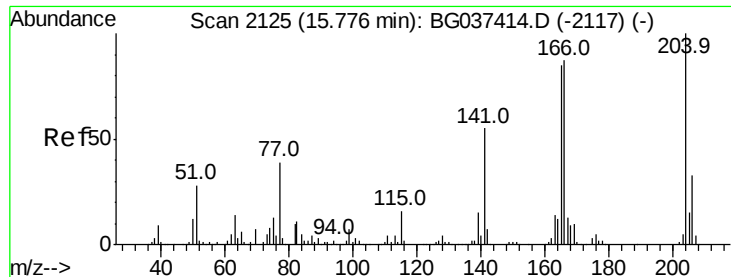
#60
 Diethylphthalate
 Concen: 41.410 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion:149 Resp: 511490
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.3 27.5
 150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

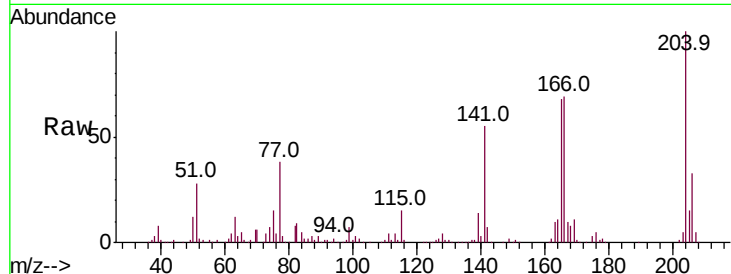




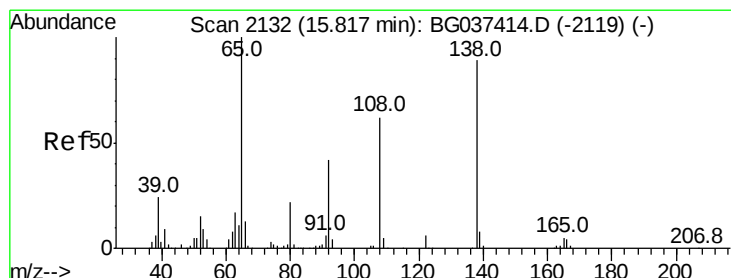
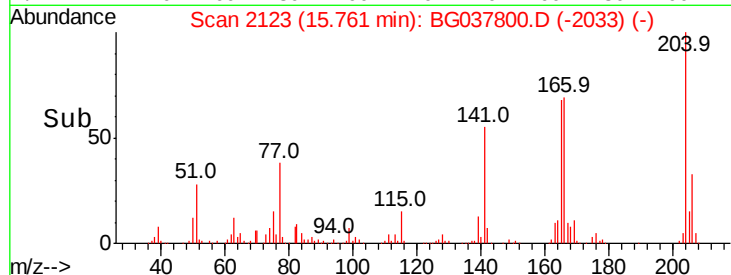
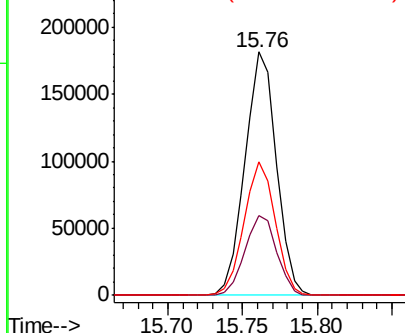
#61
4-Chlorophenyl-phenylether
Concen: 40.330 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:204 Resp: 263282
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 54.6 45.4 68.2

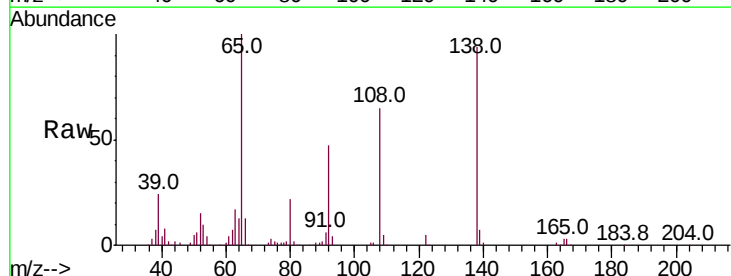


Abundance Ion 204.00 (203.70 to 204.70): E
250000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

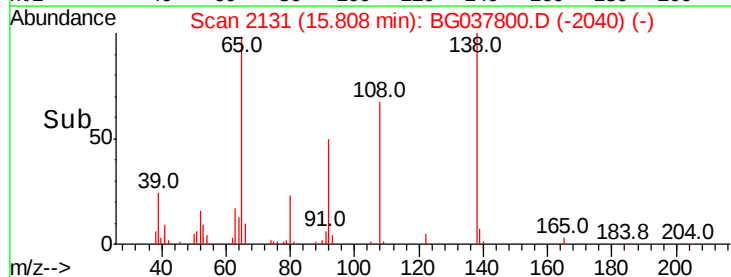
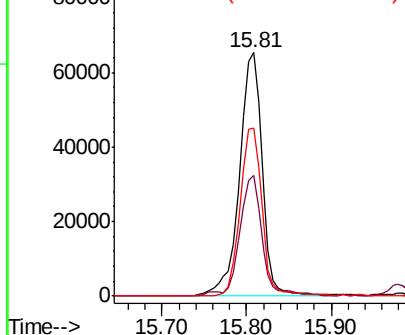


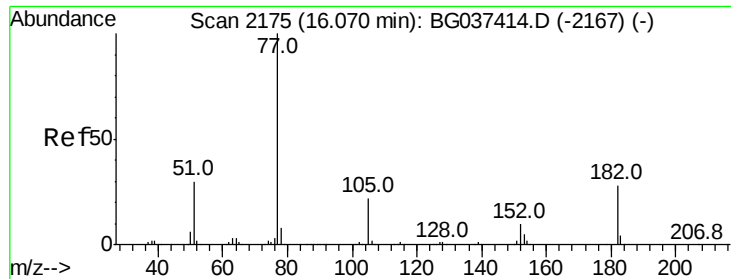
#62
4-Nitroaniline
Concen: 41.512 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:138 Resp: 121880
Ion Ratio Lower Upper
138 100
92 49.6 36.4 76.4
108 69.2 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
80000
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

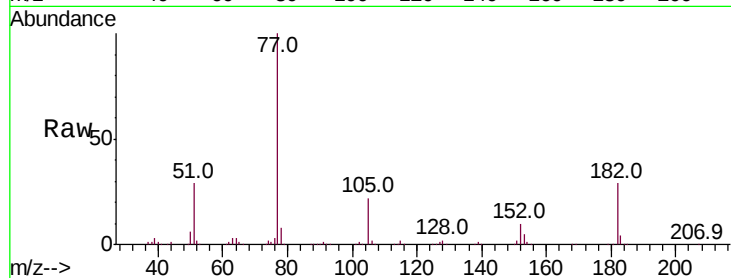




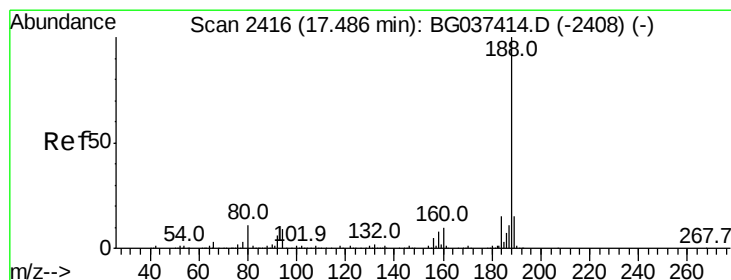
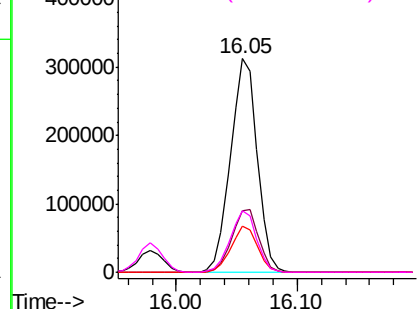
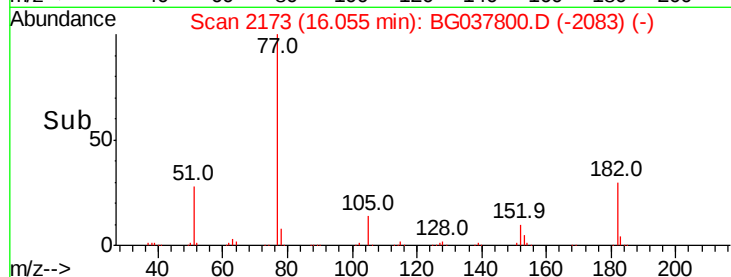
#63
Azobenzene
Concen: 40.499 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion: 77 Resp: 477287
Ion Ratio Lower Upper
77 100
182 28.5 8.0 48.0
105 21.6 1.3 41.3
51 28.9 10.7 50.7

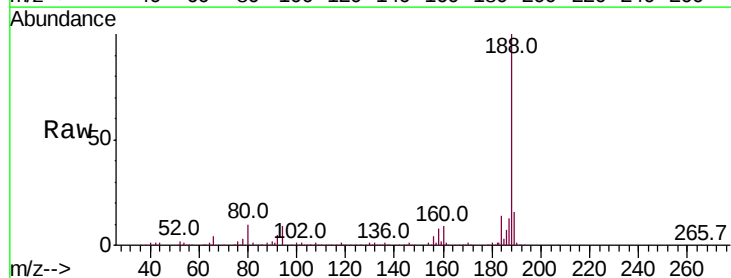


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

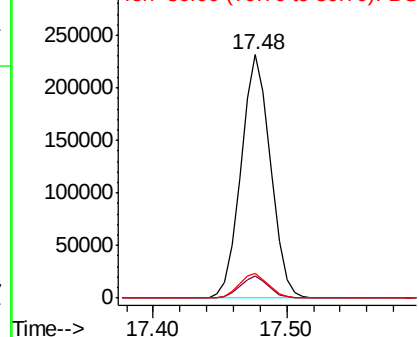
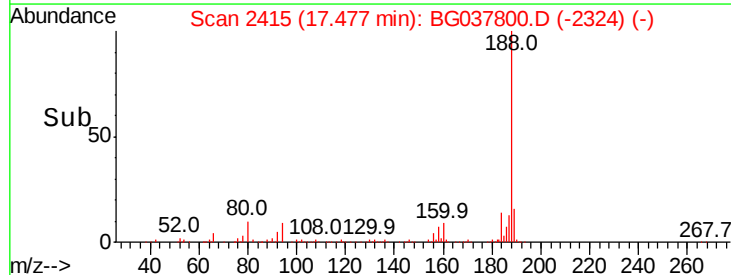


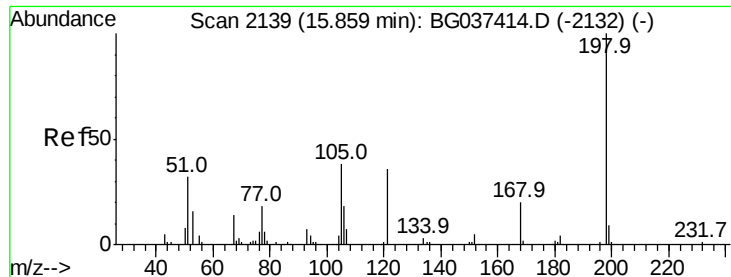
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion: 188 Resp: 352559
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 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

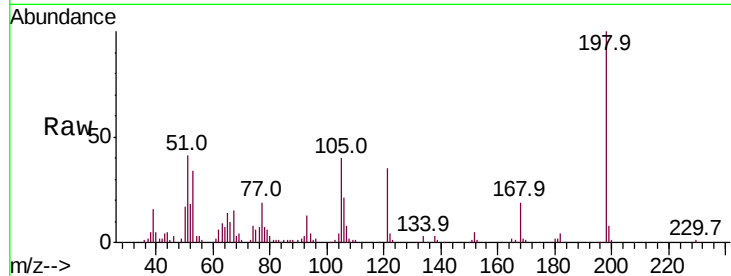




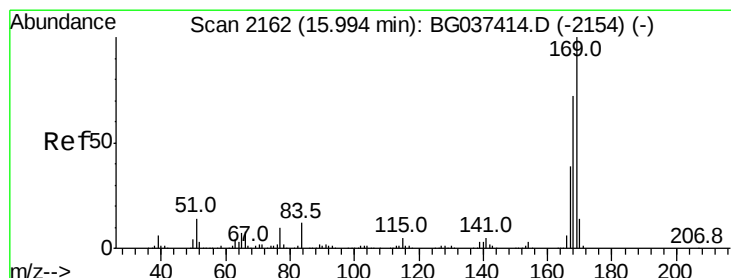
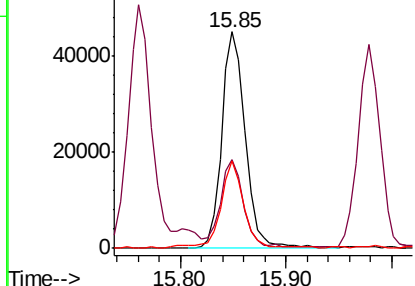
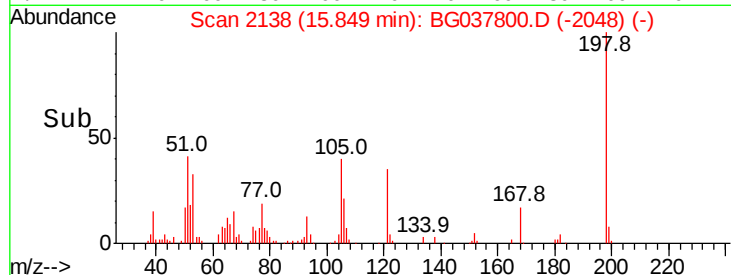
#65
4,6-Dinitro-2-methylphenol
Concen: 39.603 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:198 Resp: 69921
Ion Ratio Lower Upper
198 100
51 40.9 22.7 62.7
105 40.3 19.7 59.7

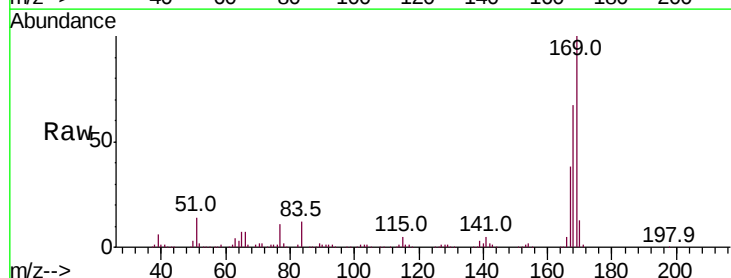


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

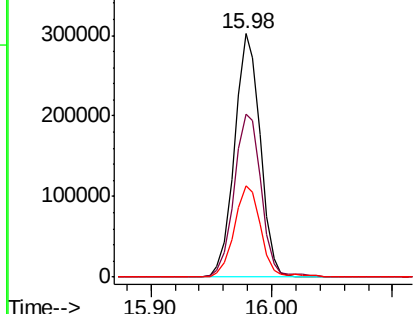
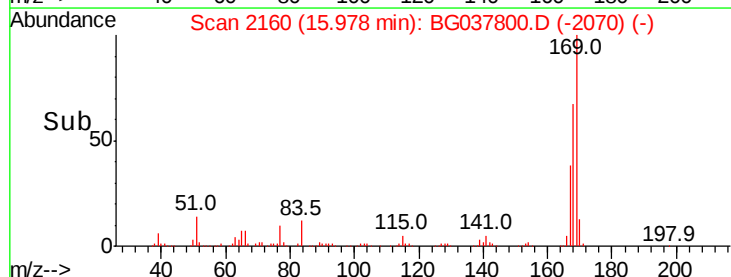


#66
n-Nitrosodiphenylamine
Concen: 42.116 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:169 Resp: 446640
Ion Ratio Lower Upper
169 100
168 67.0 55.7 83.5
167 37.6 31.3 46.9



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





#67

4-Bromophenyl-phenylether

Concen: 41.980 ng

RT: 16.66 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

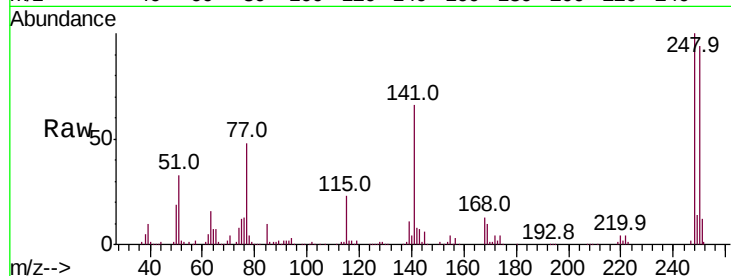
Tot Ion:248 Resp: 162534

Ion Ratio Lower Upper

248 100

250 94.0 77.0 115.6

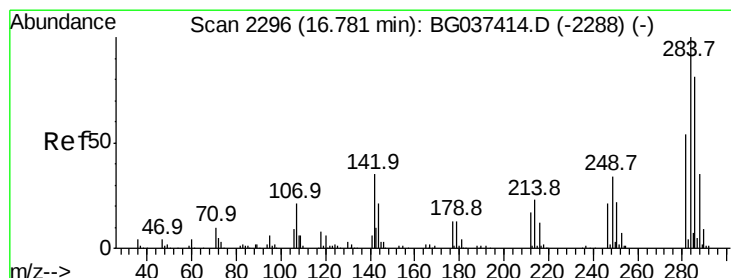
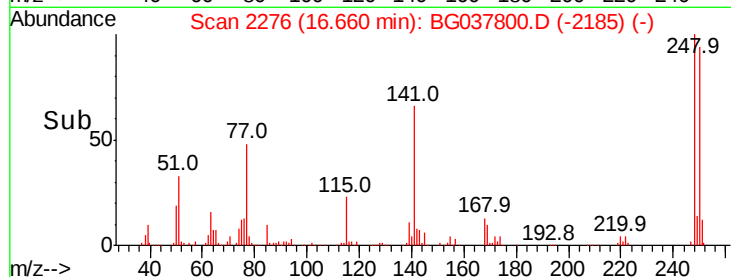
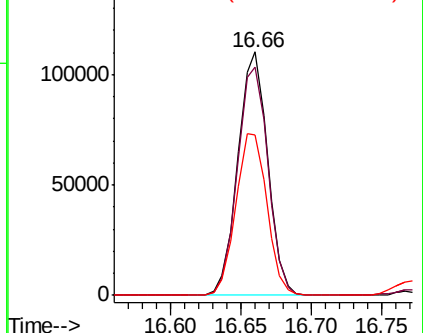
141 66.0 55.5 83.3



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: 41.475 ng

RT: 16.77 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

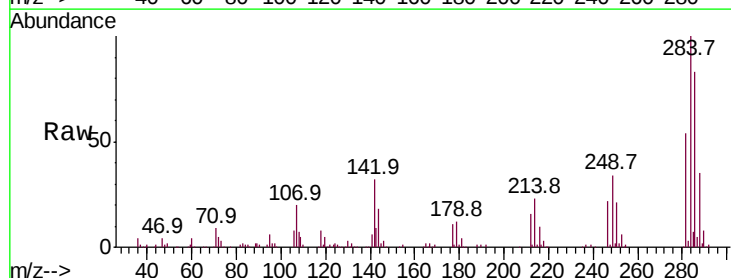
Tgt Ion:284 Resp: 166426

Ion Ratio Lower Upper

284 100

142 32.1 28.1 42.1

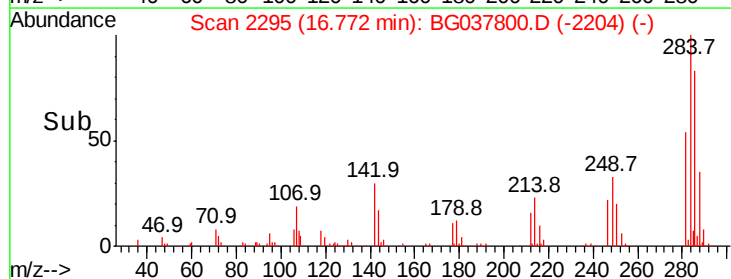
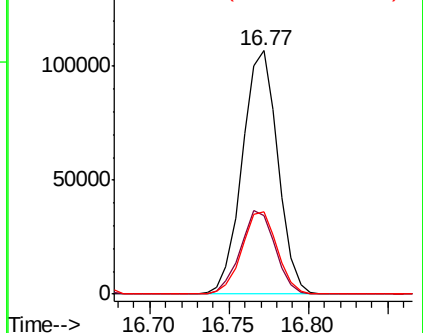
249 36.1 29.8 44.8

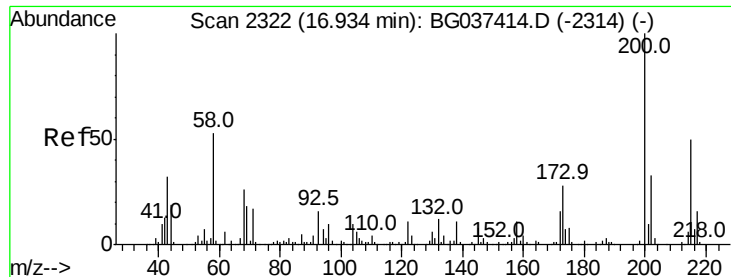


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

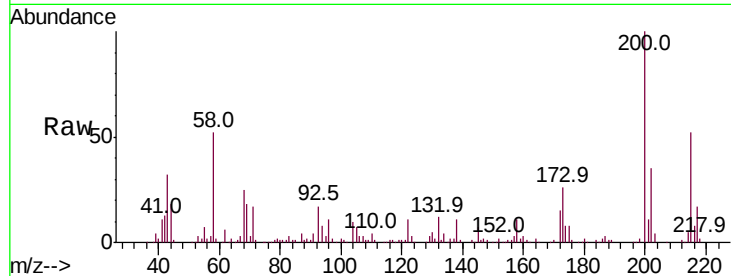




#69
 Atrazine
 Concen: 42.408 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.1	46.1
215	51.8	30.8	70.8

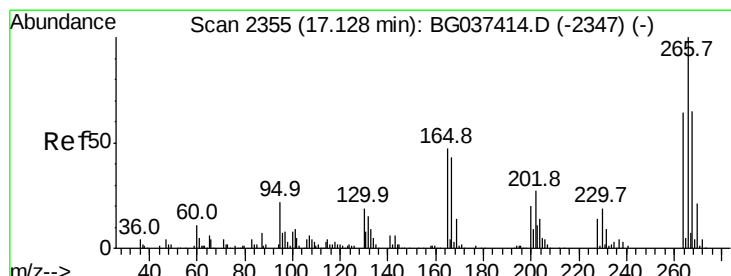
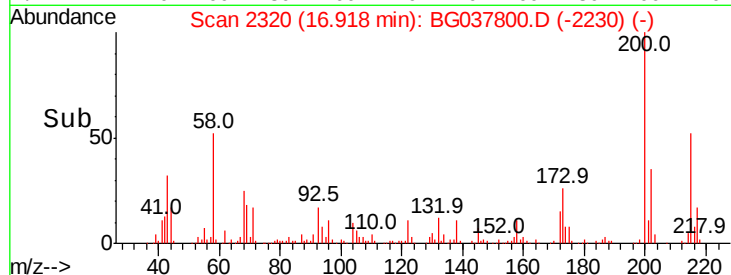
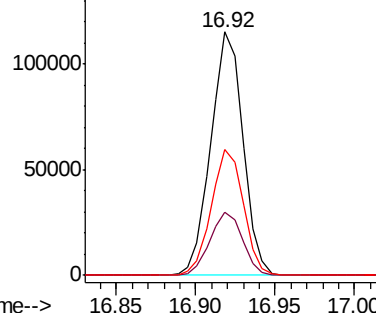


Abundance

Ion 200.00 (199.70 to 200.70): E

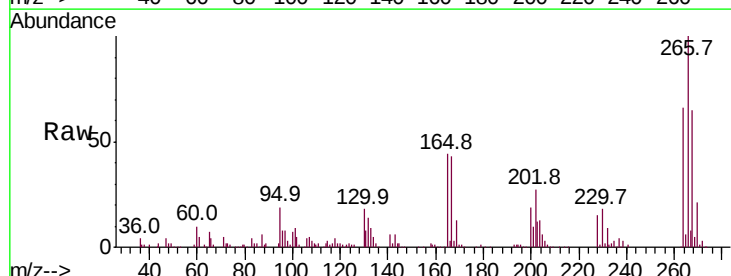
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 63.460 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.3	55.0	82.6
264	71.2	58.9	88.3

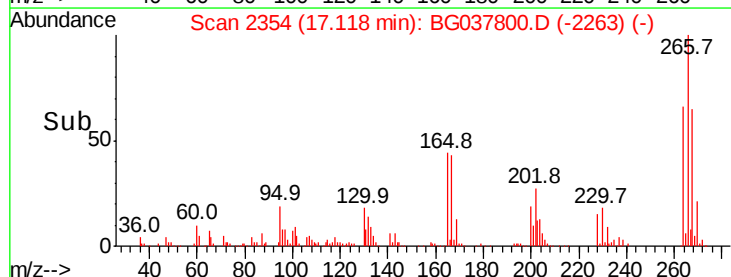
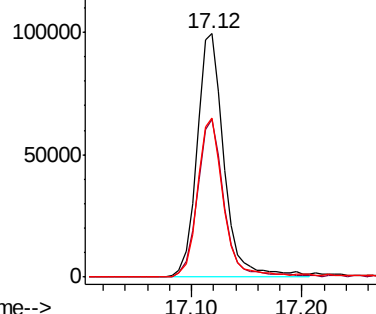


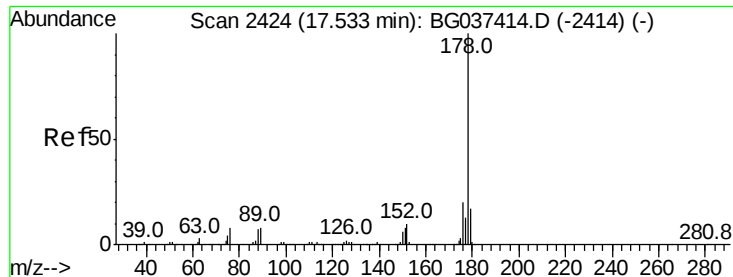
Abundance

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

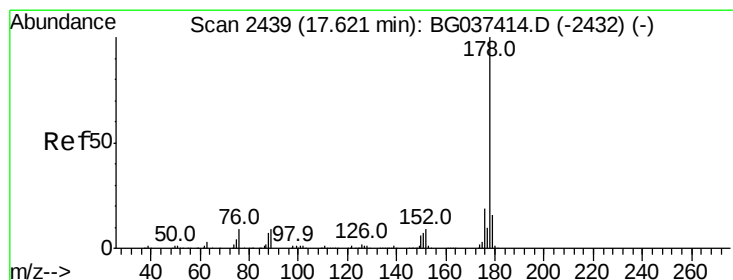
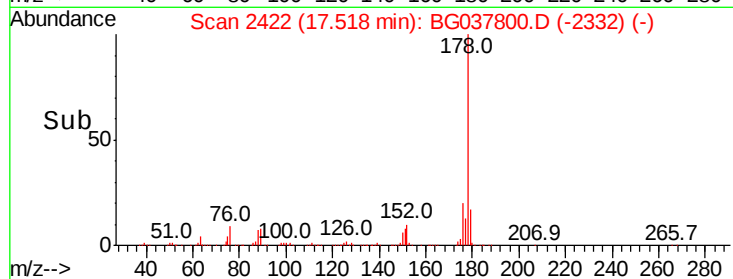
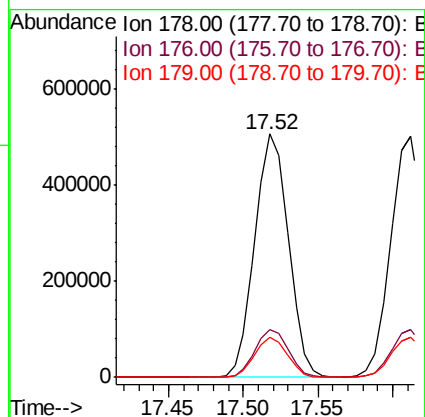
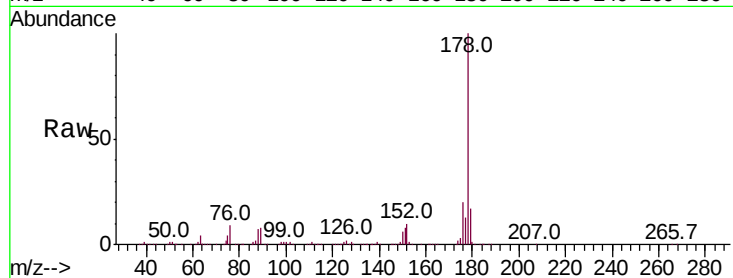




#71
Phenanthrene
Concen: 44.081 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

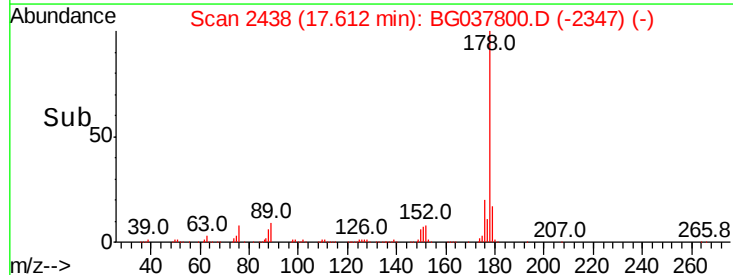
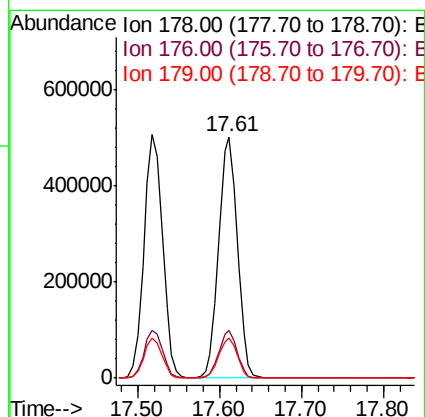
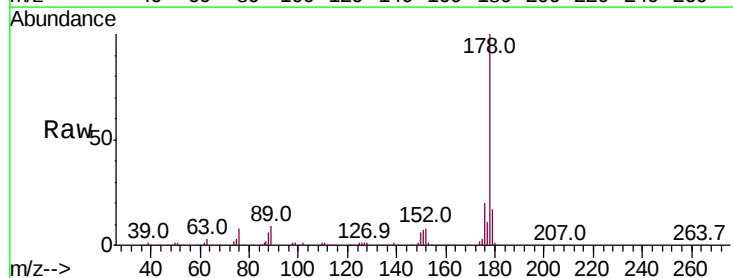
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

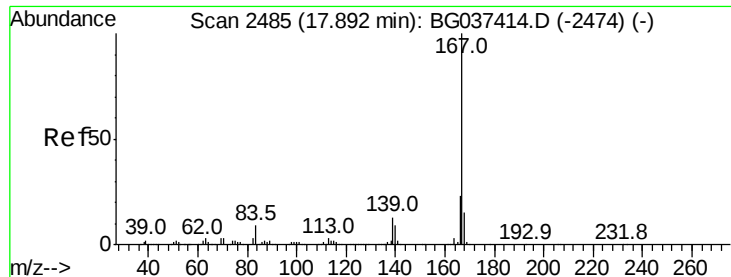
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.6	13.0	19.4



#72
Anthracene
Concen: 45.845 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	16.5	12.8	19.2

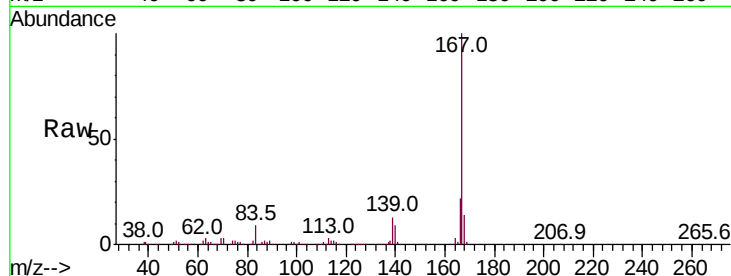




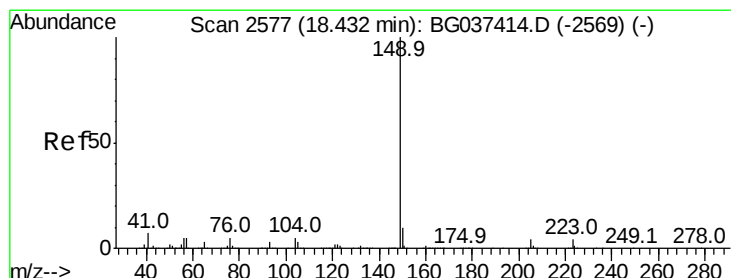
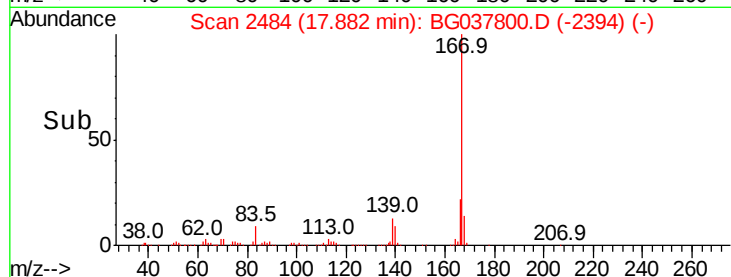
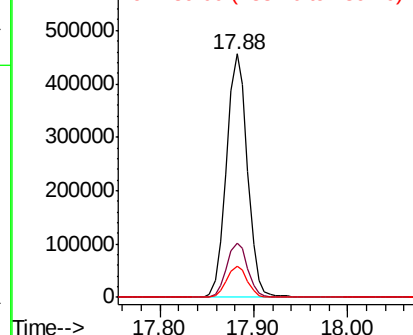
#73
 Carbazole
 Concen: 40.418 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion:167 Resp: 710922
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.3 27.5
 139 12.8 10.5 15.7

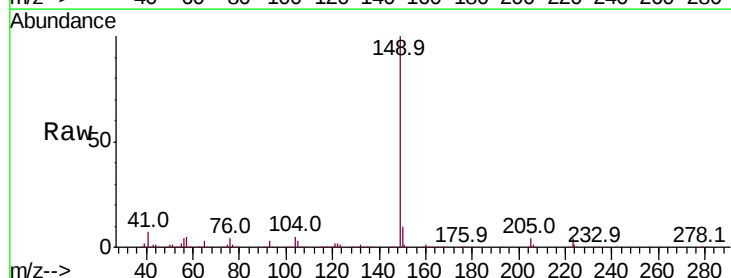


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

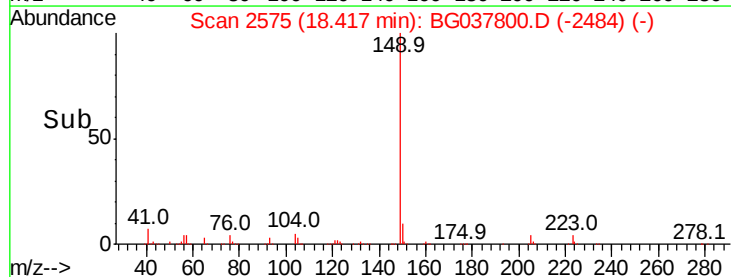
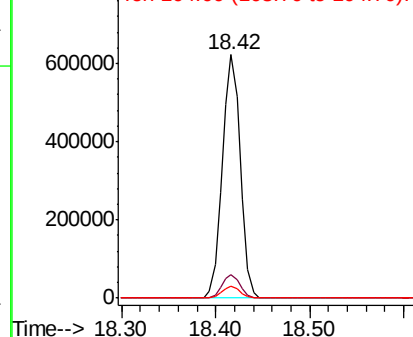


#74
 Di-n-butylphthalate
 Concen: 42.509 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion:149 Resp: 831759
 Ion Ratio Lower Upper
 149 100
 150 9.6 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: 43.871 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

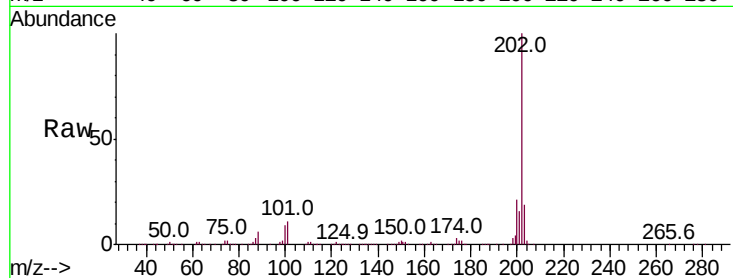
Tot Ion:202 Resp: 891578

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

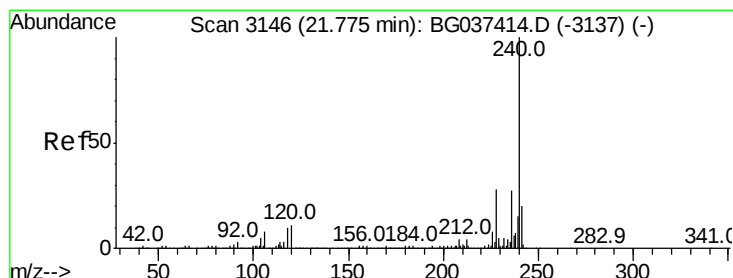
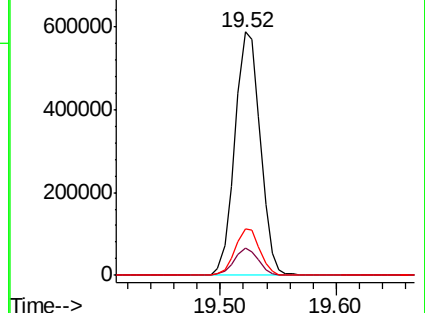
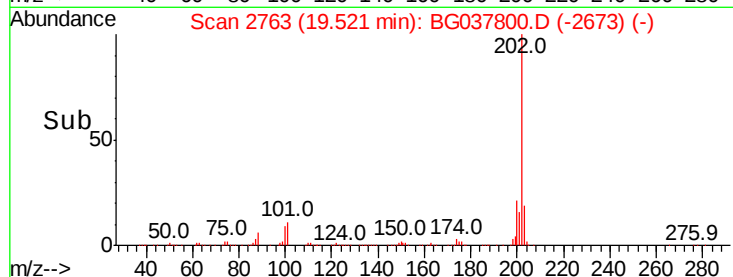
203 19.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

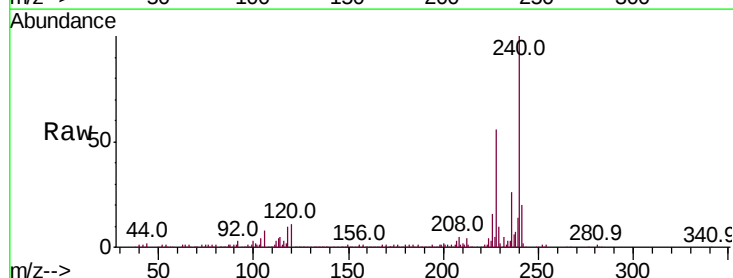
Tgt Ion:240 Resp: 318534

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

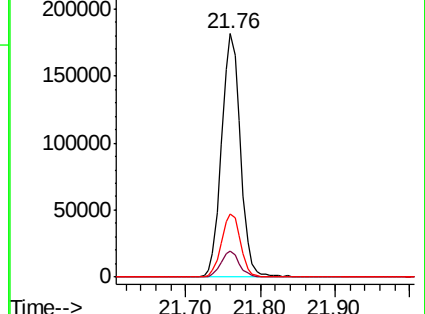
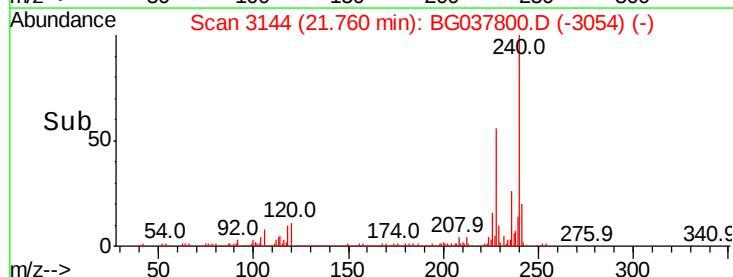
236 26.2 21.4 32.0



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: 35.866 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

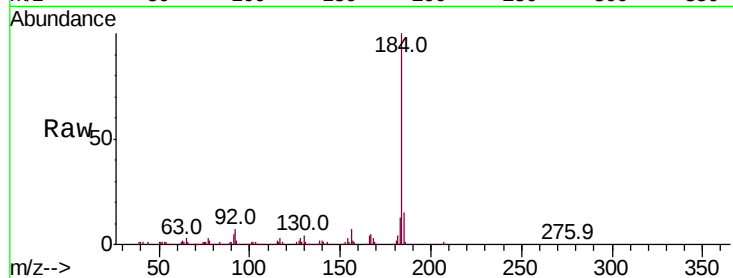
Tot Ion:184 Resp: 388466

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

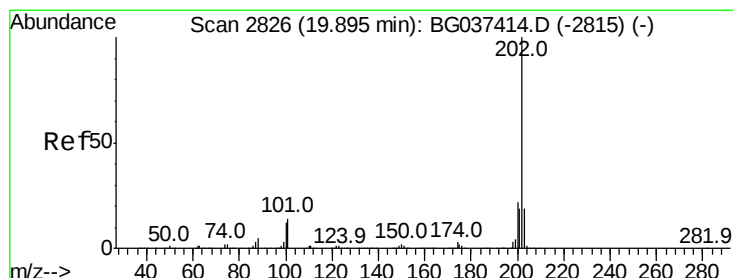
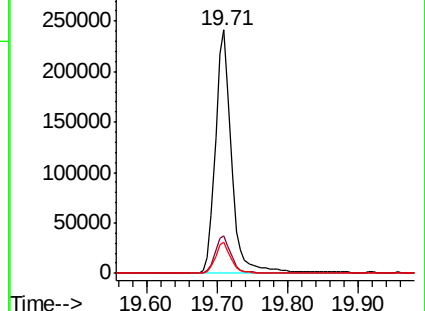
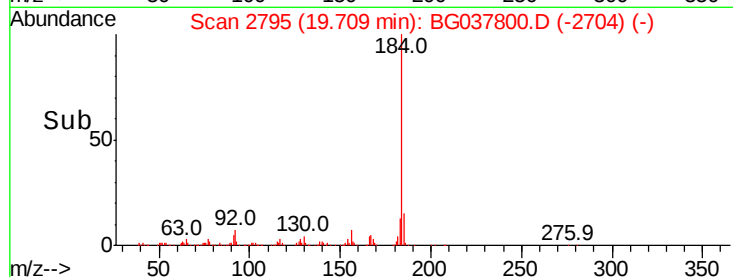
183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.783 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

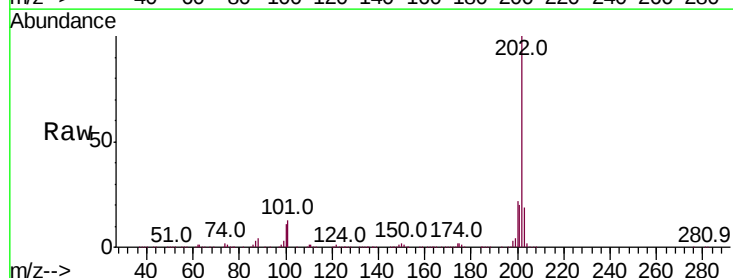
Tgt Ion:202 Resp: 890872

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

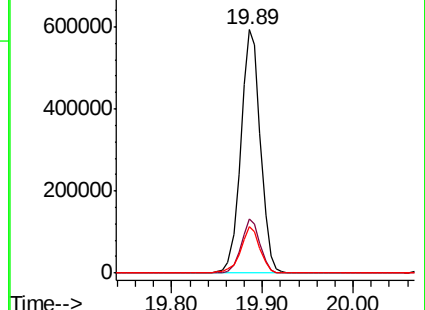
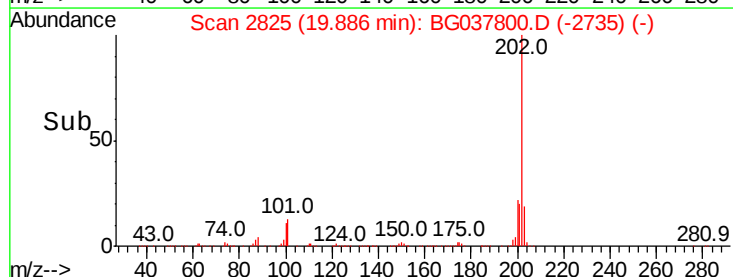
203 19.3 15.2 22.8

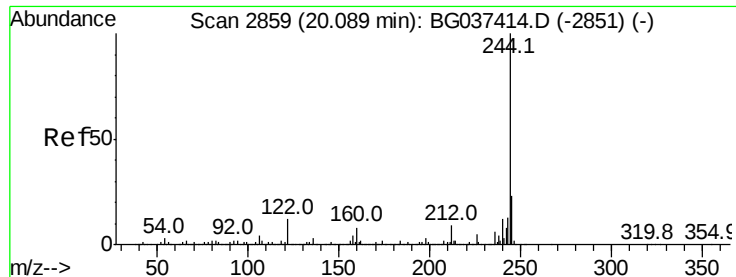


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.237 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

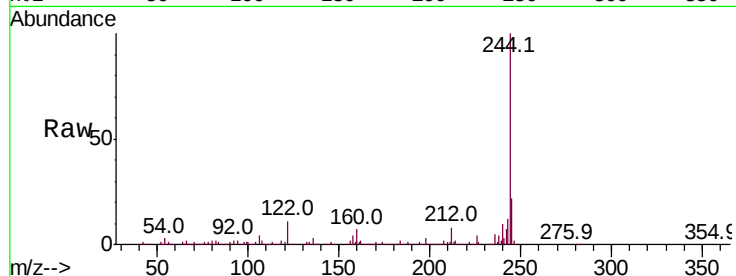
Tot Ion:244 Resp: 1166307

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.5	9.0	13.4

244 100

212 7.8 6.5 9.7

122 10.5 9.0 13.4

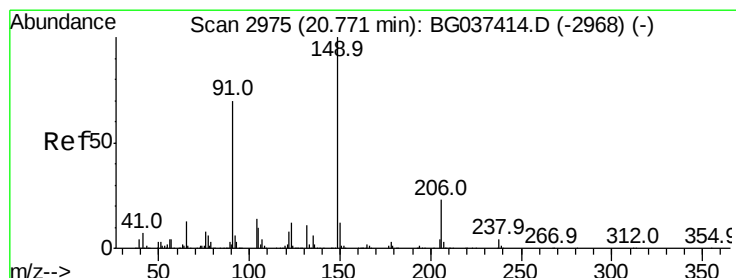
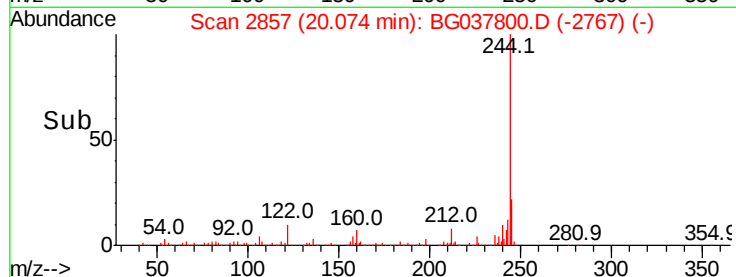
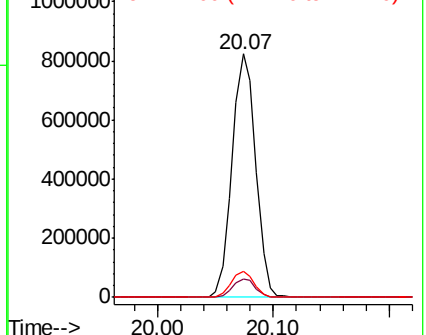


Abundance

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: 43.083 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

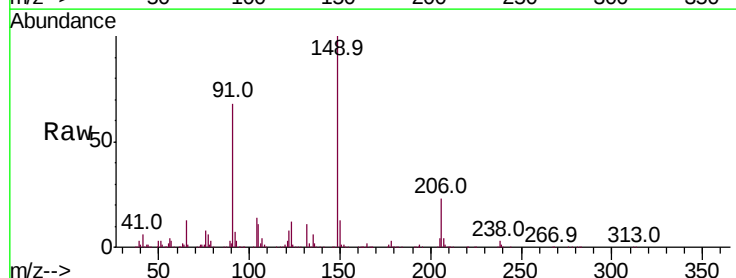
Tgt Ion:149 Resp: 367152

Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.0	85.4
206	22.7	17.8	26.6

149 100

91 67.8 57.0 85.4

206 22.7 17.8 26.6

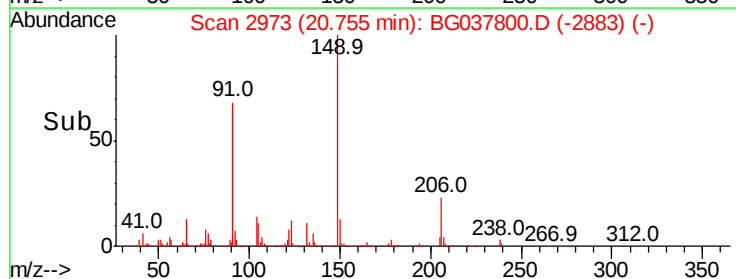
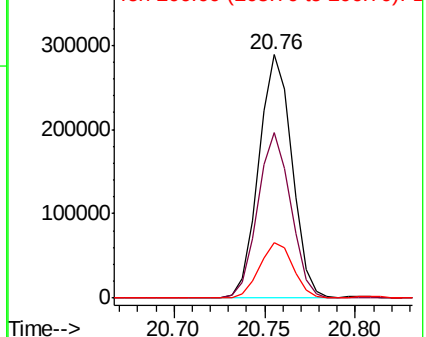


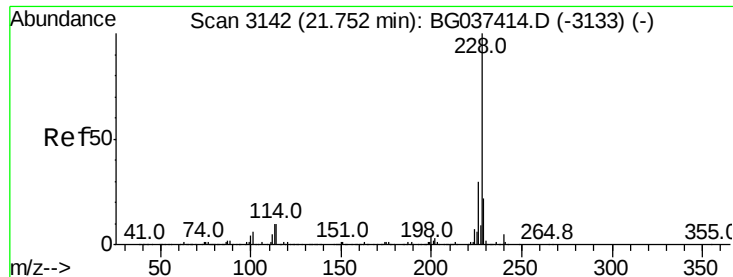
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

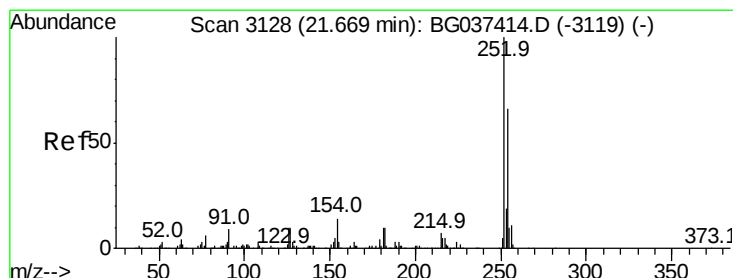
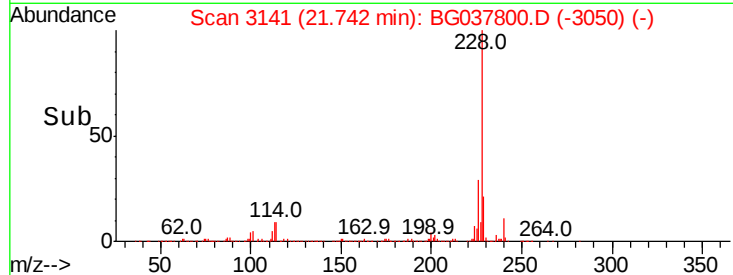
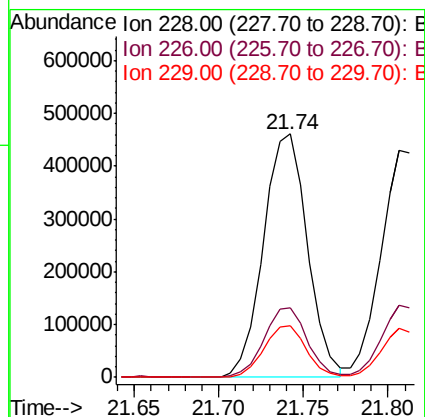
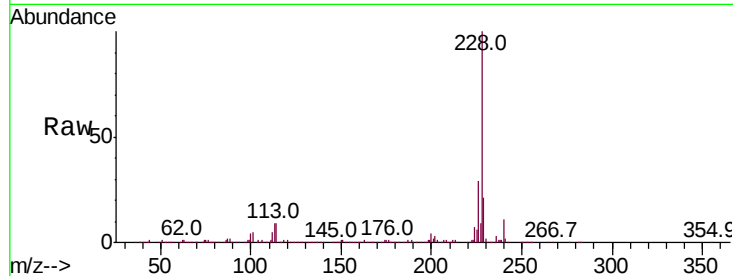




#81
Benzo(a)anthracene
Concen: 44.283 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

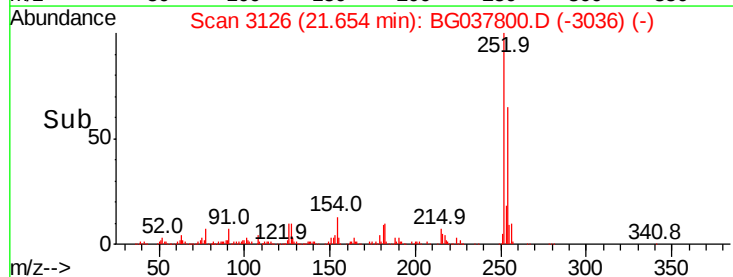
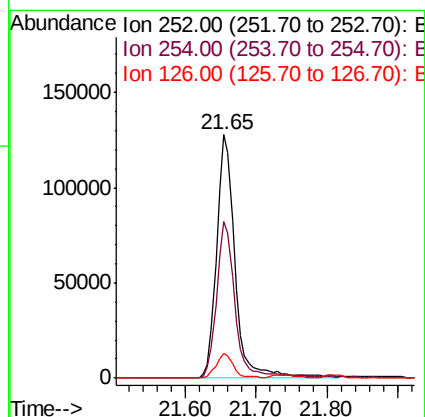
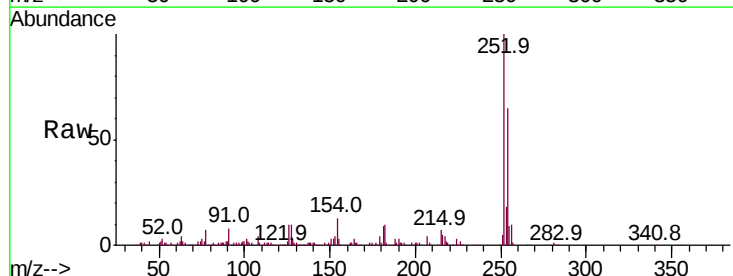
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

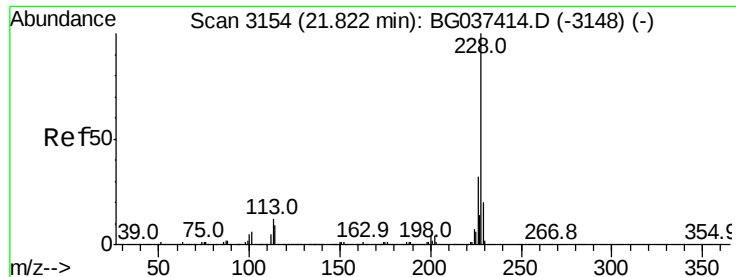
Tot Ion:228 Resp: 834340
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 21.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 32.042 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:252 Resp: 234002
Ion Ratio Lower Upper
252 100
254 64.5 52.0 78.0
126 9.9 8.2 12.4





#83

Chrysene

Concen: 43.297 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

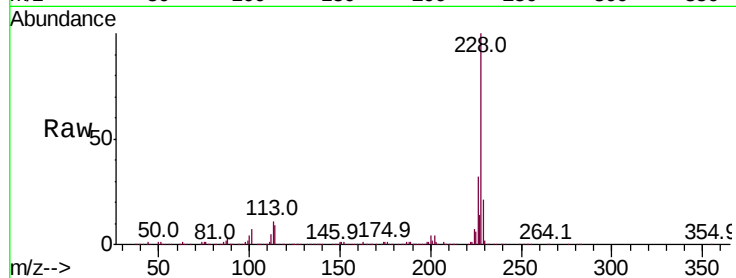
Tot Ion:228 Resp: 784401

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

229 21.4 16.5 24.7

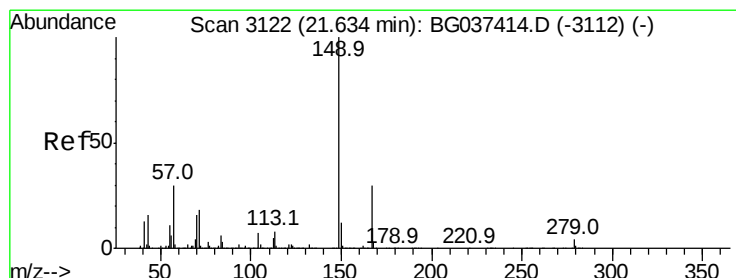
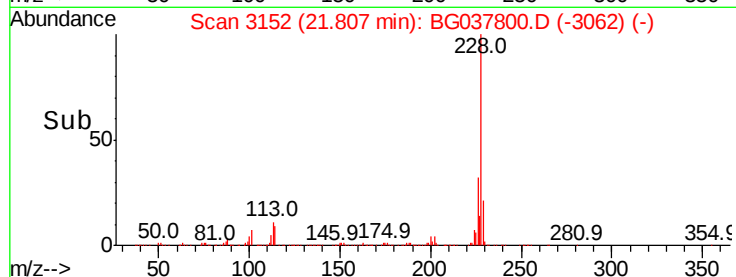
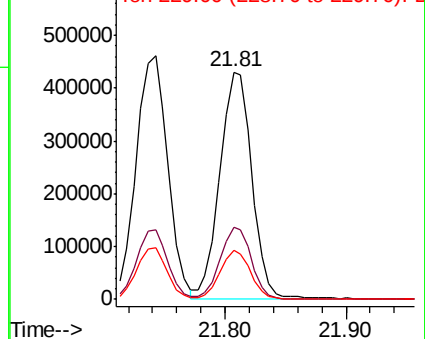


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.867 ng

RT: 21.61 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

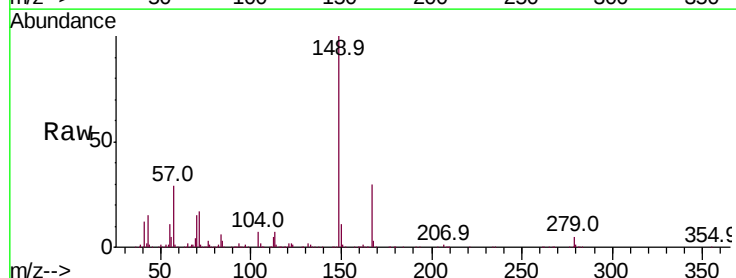
Tgt Ion:149 Resp: 524006

Ion Ratio Lower Upper

149 100

167 29.8 23.0 34.4

279 4.5 3.6 5.4

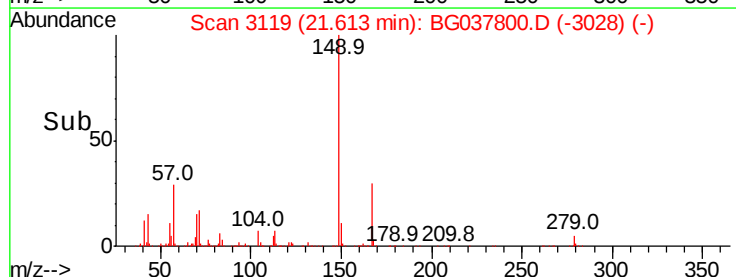
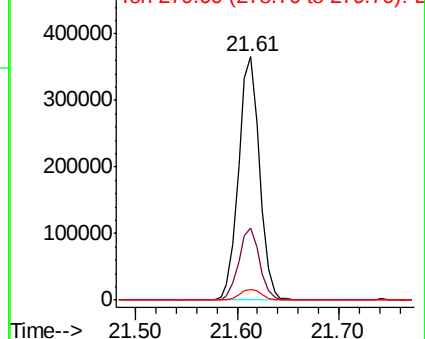


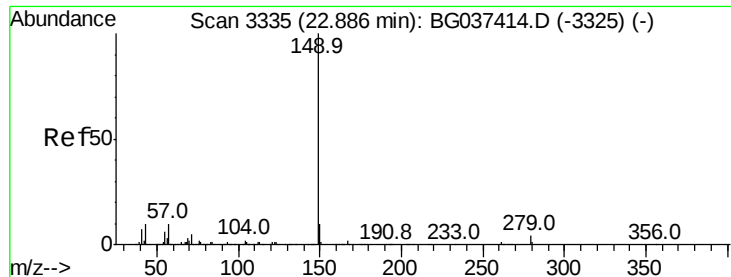
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

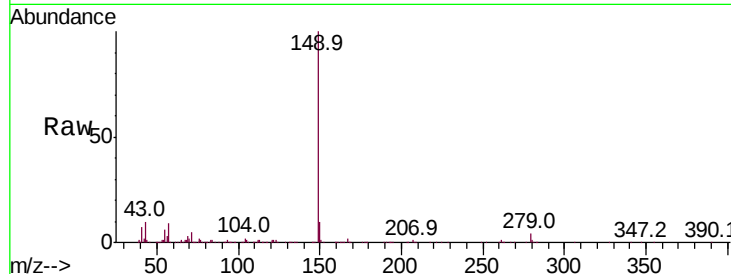




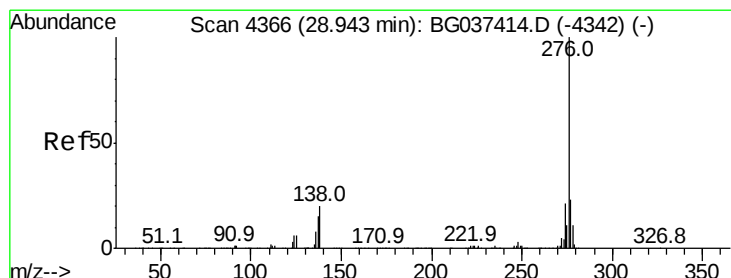
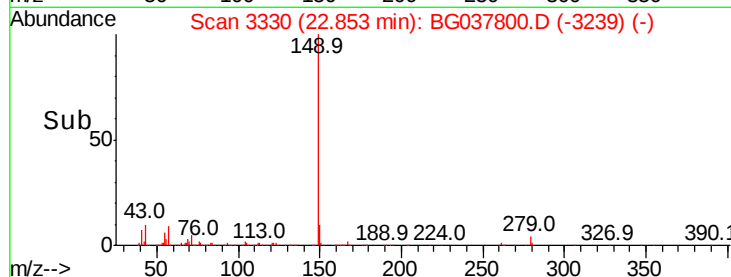
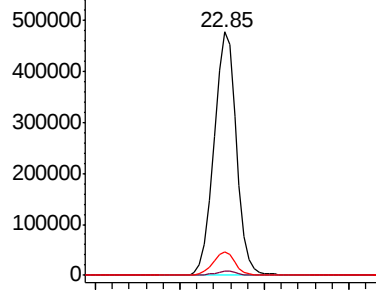
#85
Di-n-octyl phthalate
Concen: 44.893 ng
RT: 22.85 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:149 Resp: 874475
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 8.7 13.1

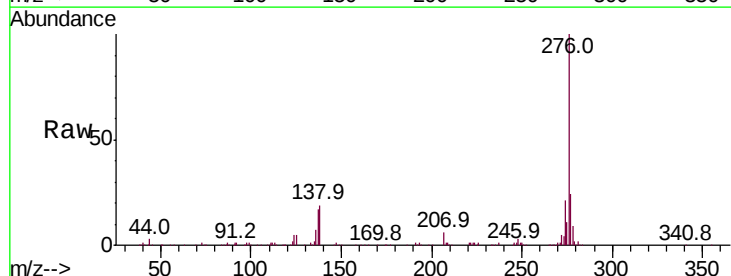


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

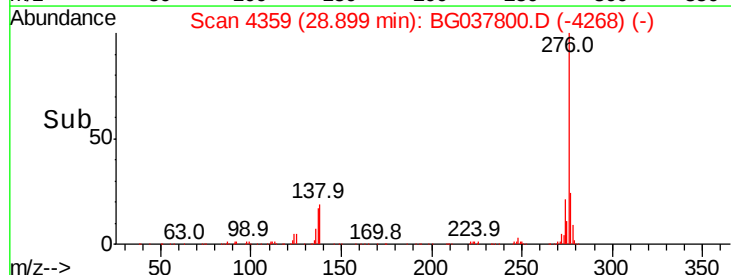
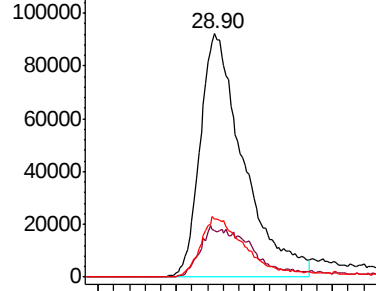


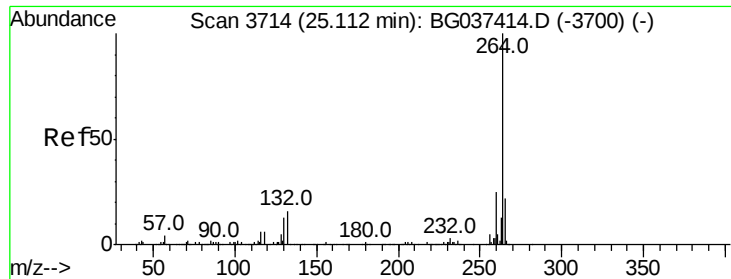
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.651 ng
RT: 28.90 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:276 Resp: 712189
Ion Ratio Lower Upper
276 100
138 8.2 12.0 18.0#
277 25.0 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



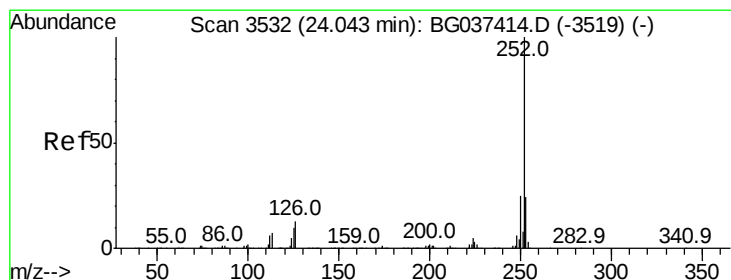
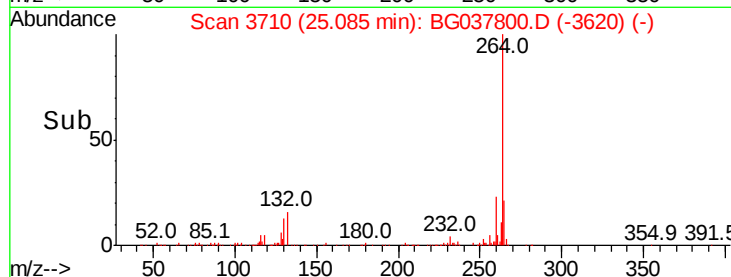
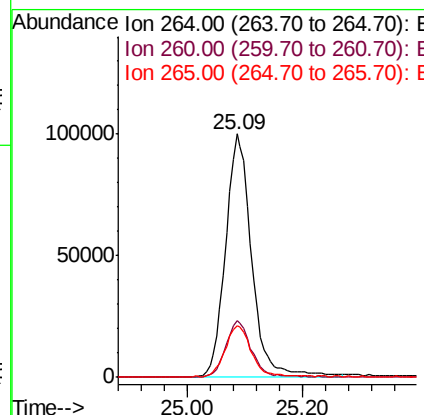
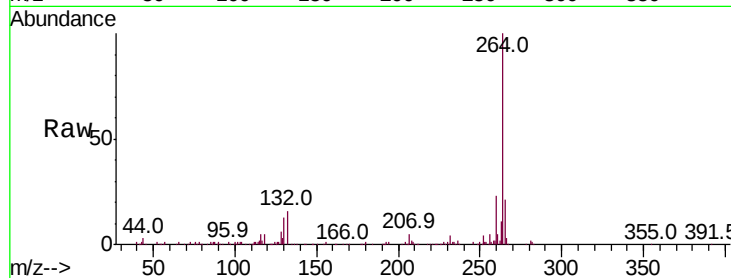


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:264 Resp: 315520

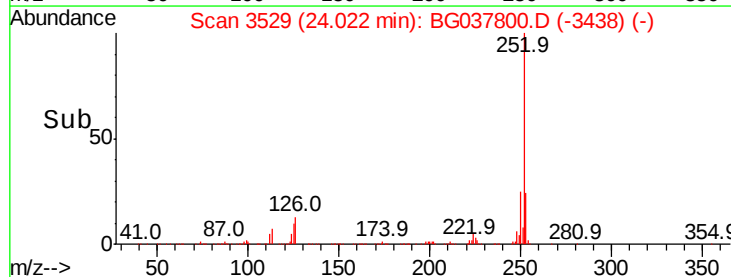
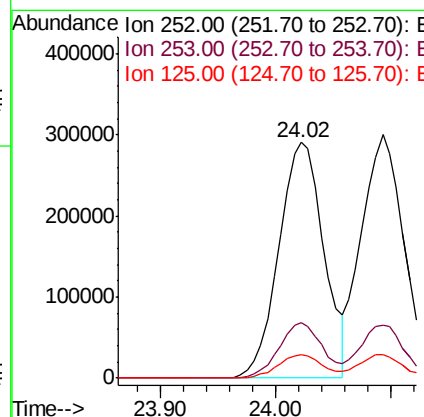
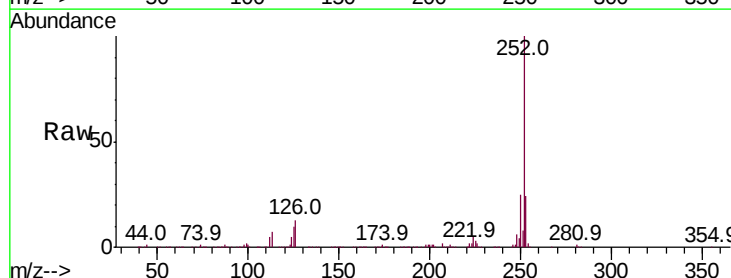
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.1	17.9	26.9

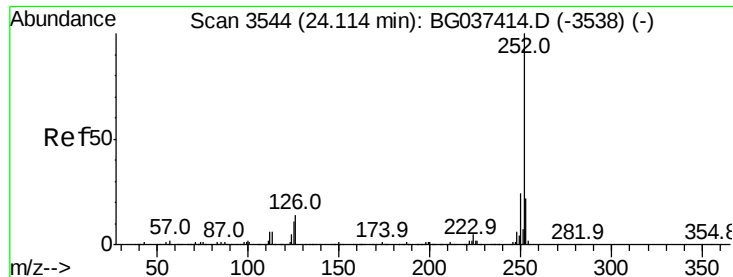


#88
Benzo(b)fluoranthene
Concen: 45.461 ng
RT: 24.02 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:252 Resp: 786386

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.0	7.8	11.6

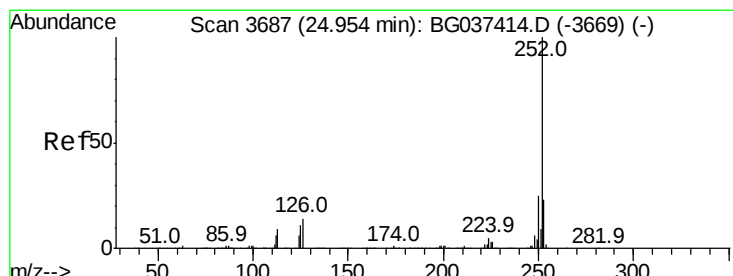
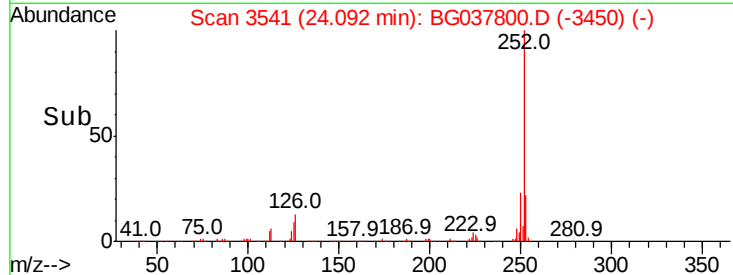
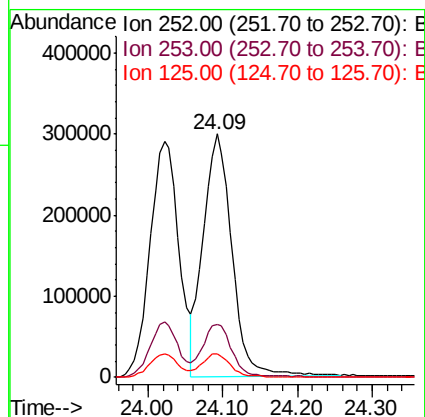
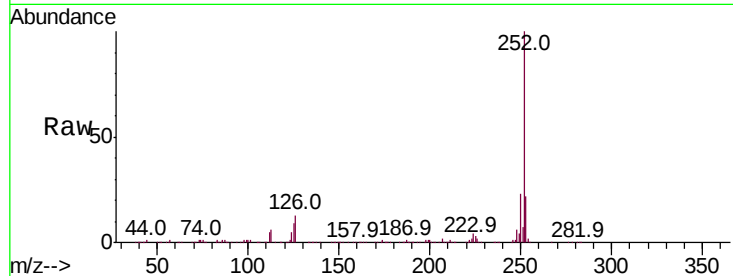




#89
Benzo(k)fluoranthene
Concen: 46.782 ng
RT: 24.09 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

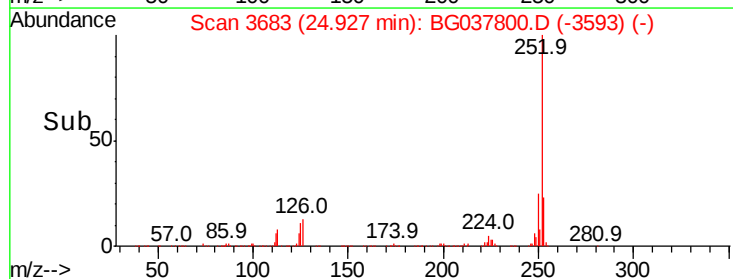
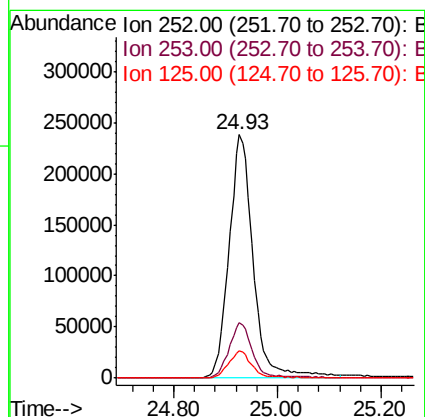
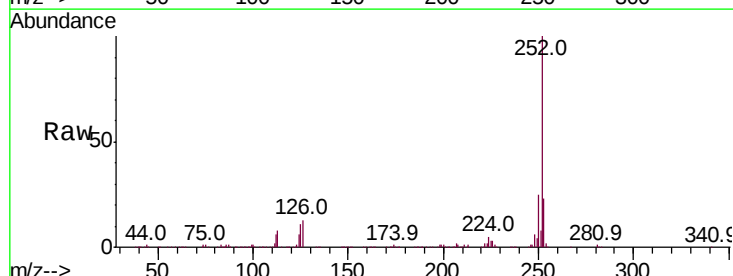
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

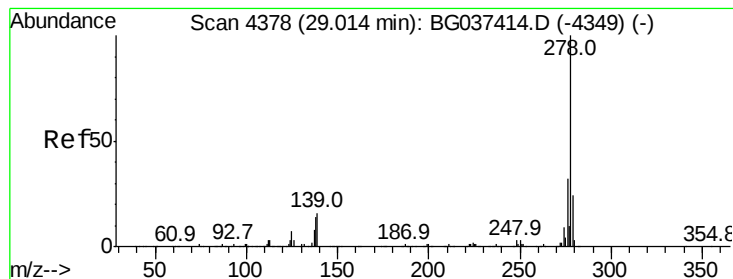
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 46.681 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 35.715 ng

RT: 28.98 min Scan# 4373

Delta R.T. 0.01 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

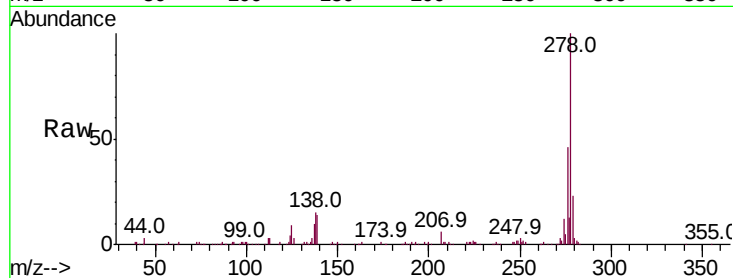
BNA_G

ClientSampleId :

PB114322BSD

Tot Ion:278 Resp: 541508

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.5	17.3
279	22.9	18.6	27.8

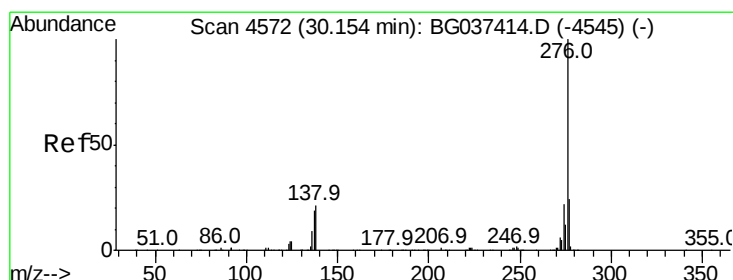
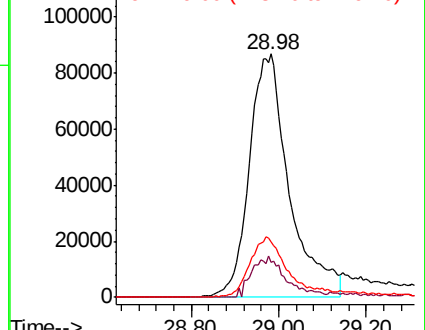
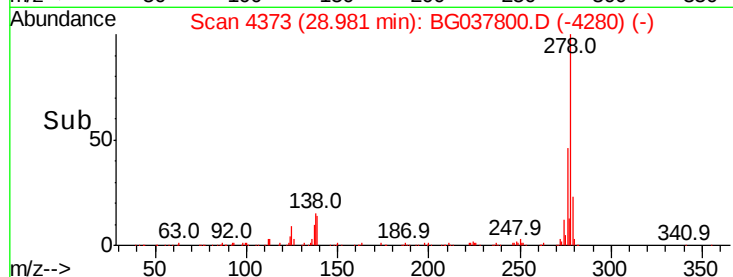


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.967 ng

RT: 30.11 min Scan# 4565

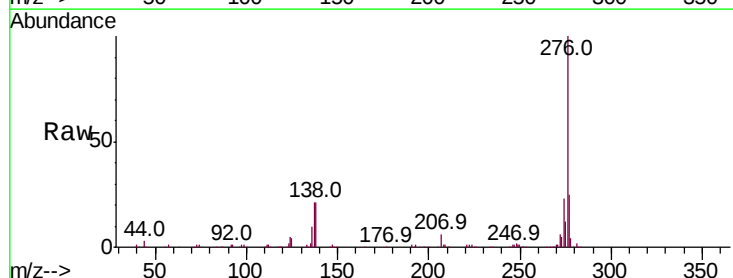
Delta R.T. 0.01 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion:276 Resp: 597732

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	21.1	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

