

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037660.D
 Acq On : 30 Oct 2018 19:16
 Operator : JU/SJ
 Sample : PB114322BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Quant Time: Oct 31 08:01:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53654	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	248062	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	164188	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	398600	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355166	20.00	ng	0.00
87) Perylene-d12	25.10	264	367231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	509529	158.77	ng	0.00
7) Phenol-d6	7.25	99	726269	149.66	ng	0.00
23) Nitrobenzene-d5	9.28	82	340017	76.78	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	271228	151.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	815418	74.89	ng	0.00
79) Terphenyl-d14	20.08	244	1212388	72.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	52617	32.330	ng	93
3) Pyridine	3.93	79	147169	35.877	ng	98
4) n-Nitrosodimethylamine	3.85	42	65619	44.911	ng	# 85
6) Aniline	7.42	93	192122	32.453	ng	99
8) 2-Chlorophenol	7.66	128	167779	44.689	ng	98
9) Benzaldehyde	7.24	77	88597	29.186	ng	99
10) Phenol	7.28	94	229195	44.763	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	150366	38.666	ng	95
12) 1,3-Dichlorobenzene	7.99	146	165939	39.702	ng	96
13) 1,4-Dichlorobenzene	8.14	146	166772	39.008	ng	98
14) 1,2-Dichlorobenzene	8.45	146	161200	39.196	ng	97
15) Benzyl Alcohol	8.34	79	151044	42.124	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	278771	40.064	ng	98
17) 2-Methylphenol	8.53	107	153548	45.361	ng	98
18) Hexachloroethane	9.19	117	59760	41.000	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	128291	38.391	ng	96
20) 3+4-Methylphenols	8.86	107	212946	44.000	ng	98
22) Acetophenone	8.93	105	245513	39.463	ng	# 97
24) Nitrobenzene	9.32	77	188025	40.873	ng	96
25) Isophorone	9.84	82	365488	45.172	ng	96
26) 2-Nitrophenol	10.03	139	93138	44.943	ng	96
27) 2,4-Dimethylphenol	10.07	122	181208	48.973	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	222715	42.013	ng	98
29) 2,4-Dichlorophenol	10.56	162	182083	44.197	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	174111	38.863	ng	96
31) Naphthalene	10.97	128	517298	42.457	ng	99
32) Benzoic acid	10.20	122	123066	51.207	ng	95
33) 4-Chloroaniline	11.08	127	129994	22.707	ng	97
34) Hexachlorobutadiene	11.23	225	99506	37.475	ng	99
35) Caprolactam	11.87	113	43256	26.179	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	201265	43.319	ng	98
37) 2-Methylnaphthalene	12.57	142	392206	44.159	ng	99
38) 1-Methylnaphthalene	12.79	142	375158	43.494	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	199513	37.673	ng	99

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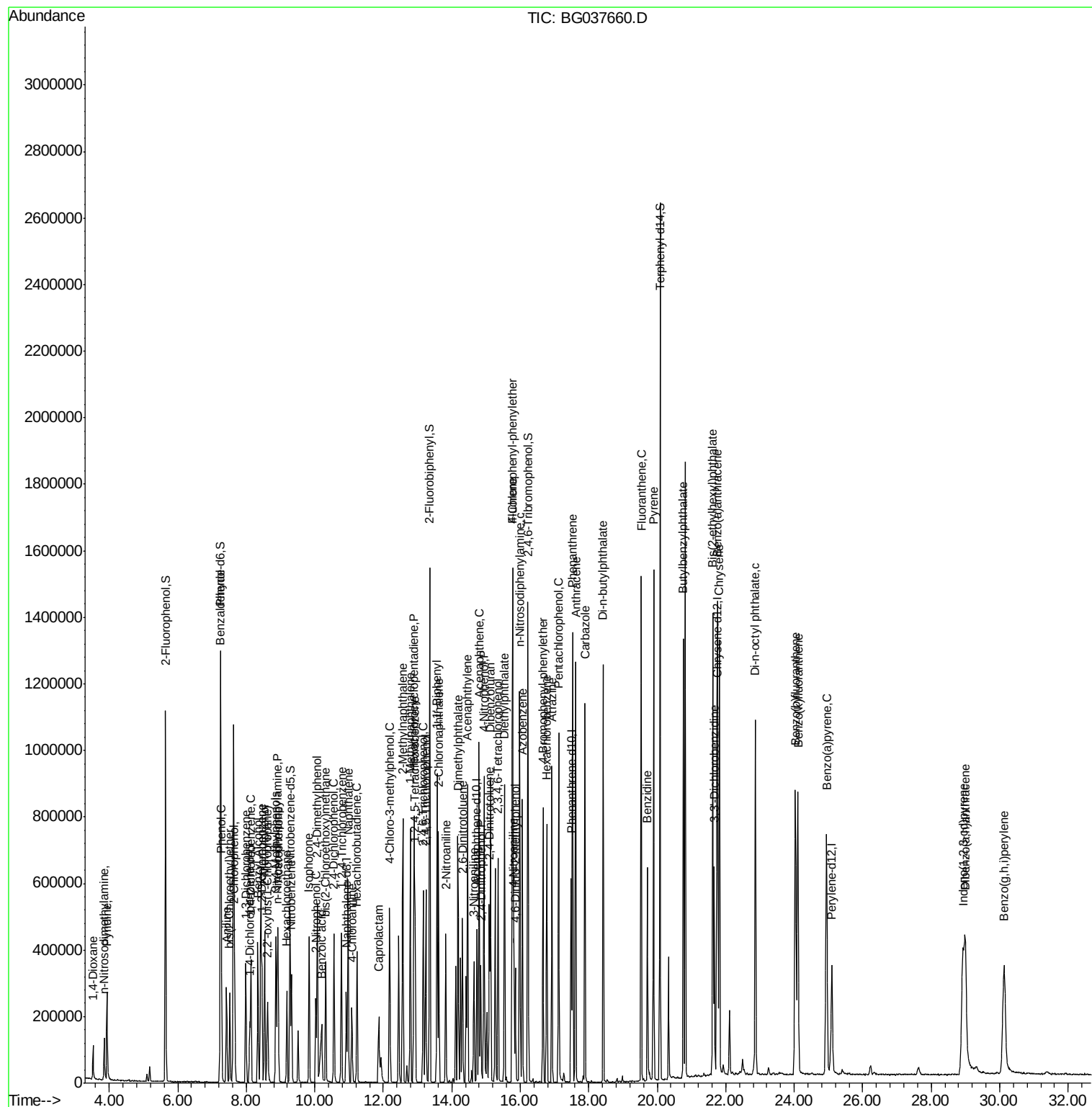
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	247337	97.772	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	157155	44.417	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	171594	44.544	ng	97
46) 1,1'-Biphenyl	13.57	154	507477	37.321	ng	99
47) 2-Chloronaphthalene	13.62	162	405404	39.409	ng	99
48) 2-Nitroaniline	13.82	65	136742	43.833	ng	98
49) Acenaphthylene	14.46	152	674820	43.608	ng	99
50) Dimethylphthalate	14.19	163	533382	41.992	ng	99
51) 2,6-Dinitrotoluene	14.31	165	122089	43.449	ng	95
52) Acenaphthene	14.80	154	388037	40.716	ng	96
53) 3-Nitroaniline	14.65	138	103291	33.113	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	95703	78.015	ng	95
55) Dibenzofuran	15.13	168	639454	40.497	ng	99
56) 4-Nitrophenol	14.95	139	280526	121.494	ng	98
57) 2,4-Dinitrotoluene	15.10	165	171116	46.392	ng	96
58) Fluorene	15.78	166	520878	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	147462	44.709	ng	99
60) Diethylphthalate	15.54	149	539458	41.368	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	270637	39.268	ng	97
62) 4-Nitroaniline	15.81	138	133527	43.078	ng	91
63) Azobenzene	16.06	77	515347	41.420	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	87907	43.086	ng	99
66) n-Nitrosodiphenylamine	15.98	169	473181	39.465	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	171117	39.092	ng	98
68) Hexachlorobenzene	16.77	284	172783	38.086	ng	99
69) Atrazine	16.93	200	178566	41.192	ng	100
70) Pentachlorophenol	17.12	266	210371	69.228	ng	98
71) Phenanthrene	17.52	178	855154	42.213	ng	98
72) Anthracene	17.62	178	862871	43.403	ng	98
73) Carbazole	17.89	167	788508	39.651	ng	100
74) Di-n-butylphthalate	18.42	149	943909	42.669	ng	100
75) Fluoranthene	19.53	202	993984	43.261	ng	100
77) Benzidine	19.71	184	409705	33.926	ng	99
78) Pyrene	19.89	202	981782	42.286	ng	99
80) Butylbenzylphthalate	20.76	149	423999	44.622	ng	98
81) Benzo(a)anthracene	21.74	228	921841	43.881	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	244259	29.997	ng	99
83) Chrysene	21.81	228	852612	42.208	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	591813	44.433	ng	99
85) Di-n-octyl phthalate	22.87	149	1004833	46.265	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	915024	42.233	ng	# 91
88) Benzo(b)fluoranthene	24.03	252	904337	44.918	ng	98
89) Benzo(k)fluoranthene	24.10	252	860027	43.601	ng	97
90) Benzo(a)pyrene	24.95	252	862497	45.084	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	742885	42.097	ng	98
92) Benzo(g,h,i)perylene	30.13	276	749047	41.955	ng	99

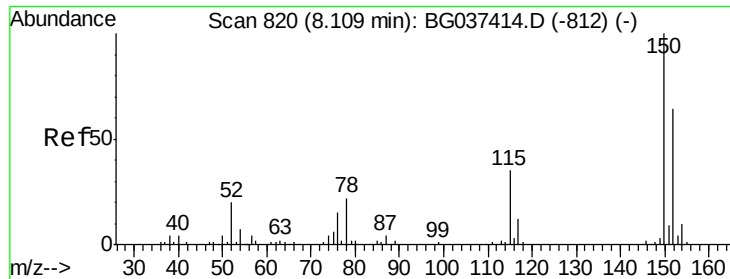
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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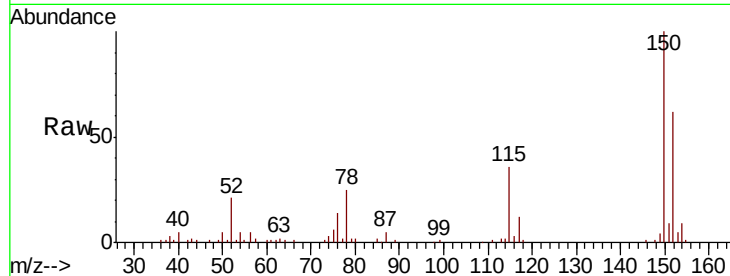




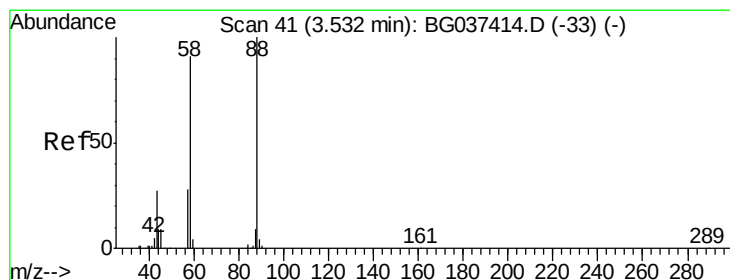
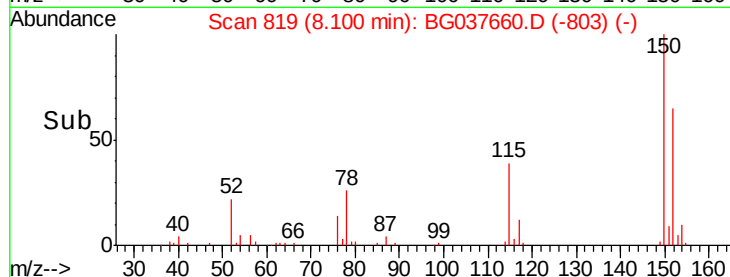
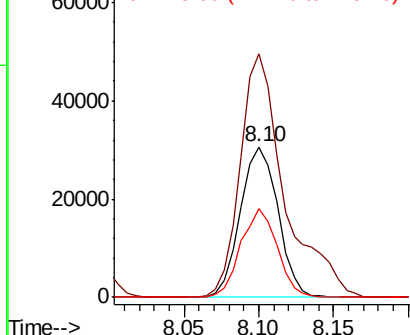
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tgt Ion:152 Resp: 53654
 Ion Ratio Lower Upper
 152 100
 150 161.9 126.0 189.0
 115 59.0 45.5 68.3

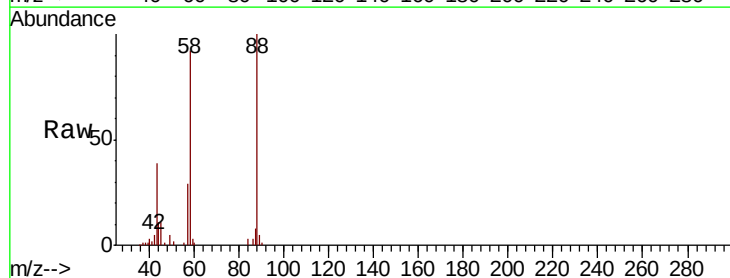


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

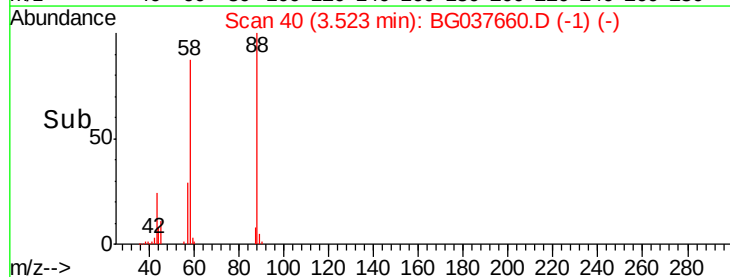
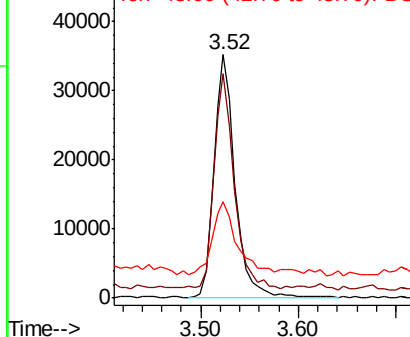


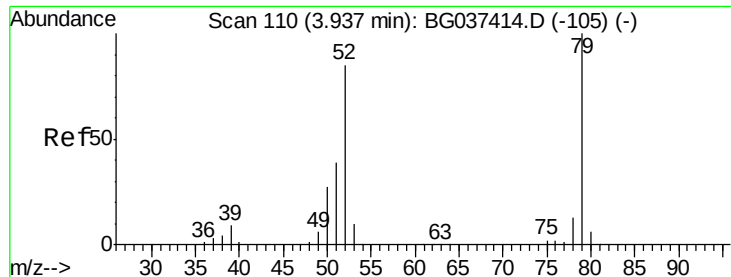
#2
 1,4-Dioxane
 Concen: 32.330 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion: 88 Resp: 52617
 Ion Ratio Lower Upper
 88 100
 58 84.6 74.4 111.6
 43 34.2 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

Pyridine

Concen: 35.877 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

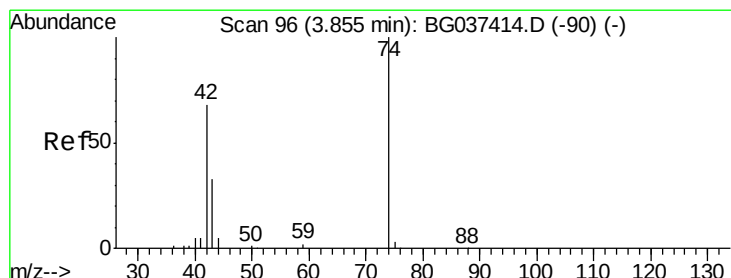
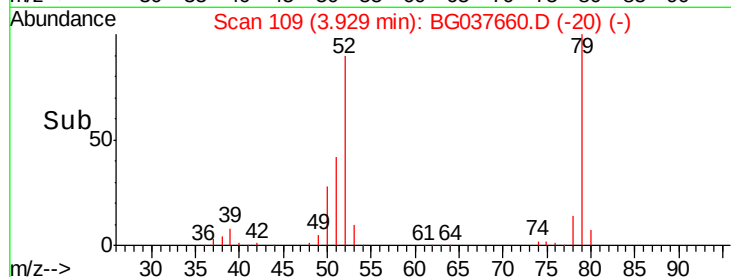
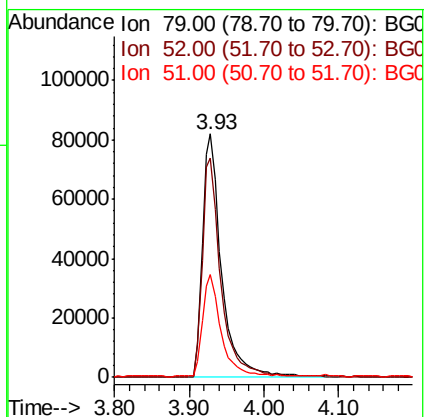
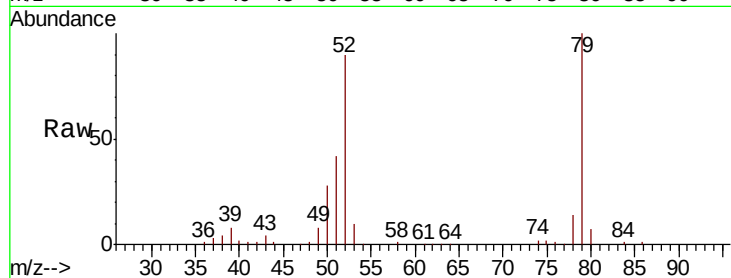
Tgt Ion: 79 Resp: 147169

Ion Ratio Lower Upper

79 100

52 90.0 74.2 111.2

51 42.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 44.911 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

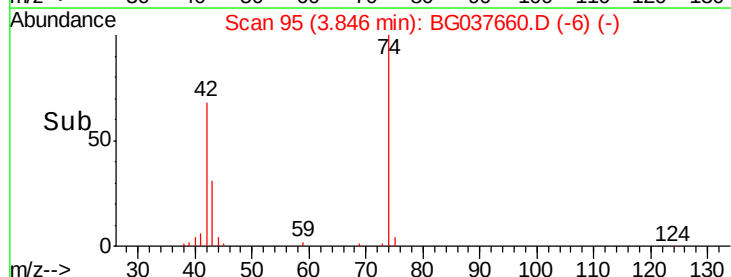
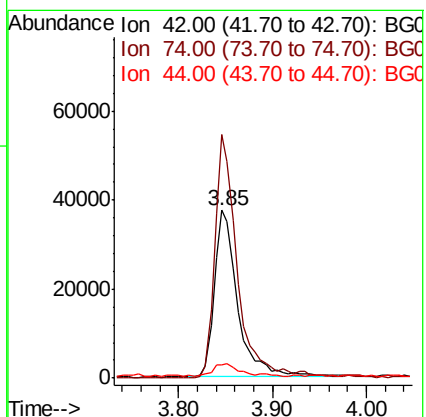
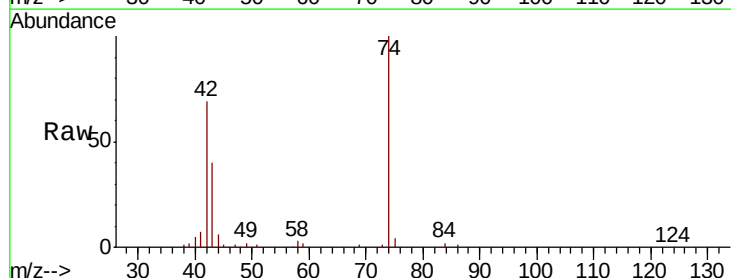
Tgt Ion: 42 Resp: 65619

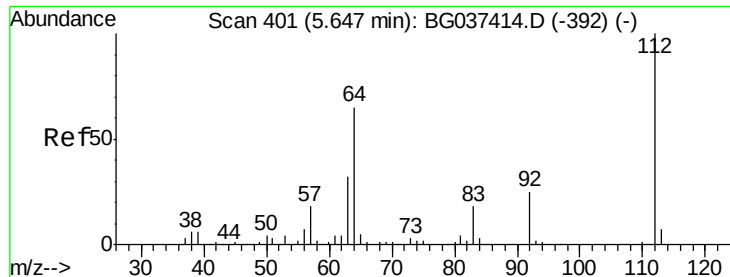
Ion Ratio Lower Upper

42 100

74 145.0 102.0 153.0

44 8.2 9.6 14.4#





#5

2-Fluorophenol

Concen: 158.769 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037660.D

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Instrument :

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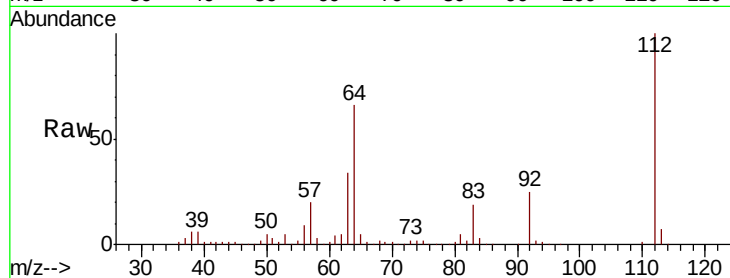
Tgt Ion: 112 Resp: 509529

Ion Ratio Lower Upper

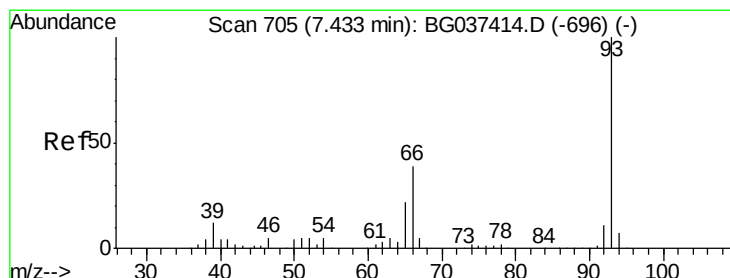
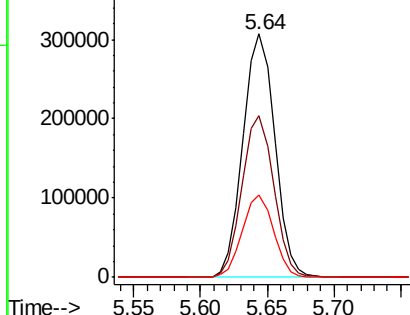
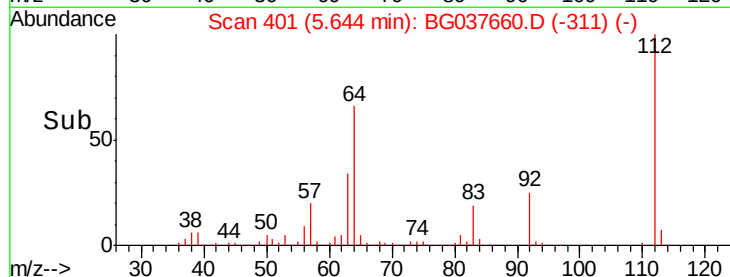
112 100

64 66.3 53.1 79.7

63 34.1 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: 32.453 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

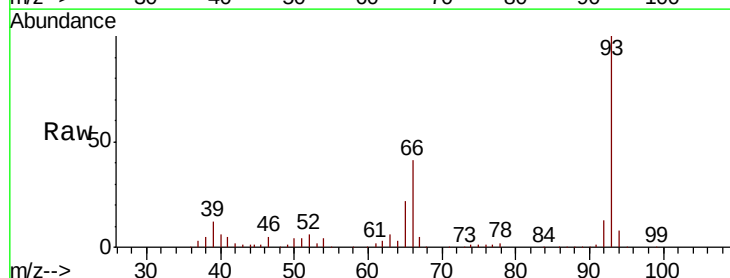
Tgt Ion: 93 Resp: 192122

Ion Ratio Lower Upper

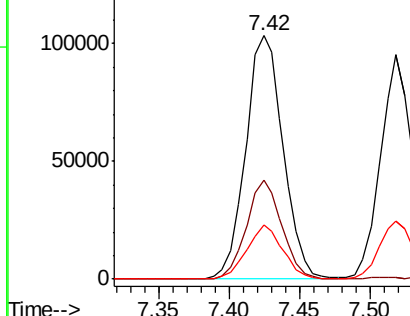
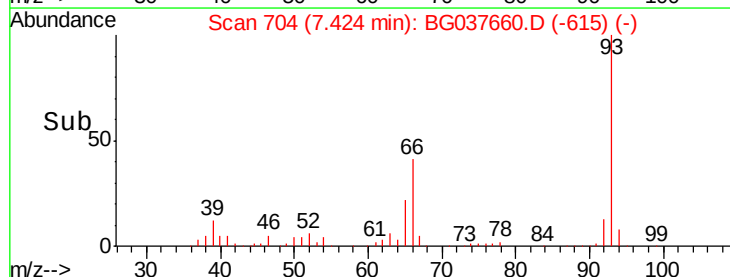
93 100

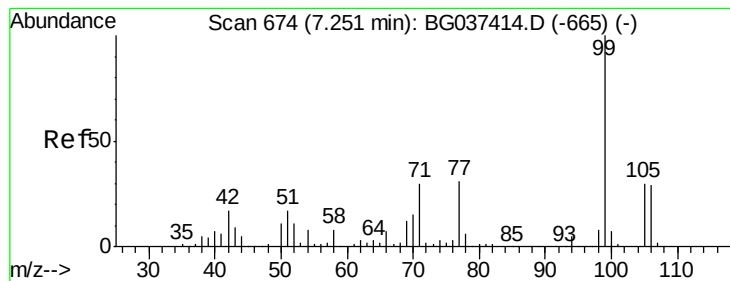
66 40.8 32.8 49.2

65 22.2 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: 149.660 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037660.D

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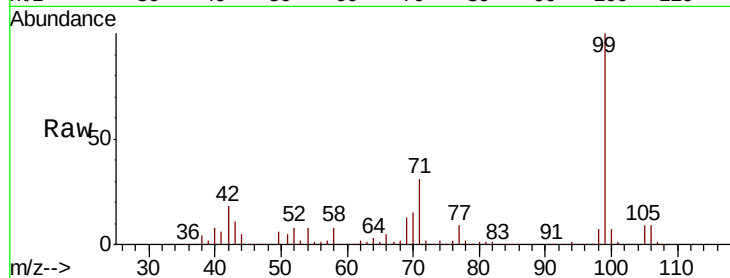
Tgt Ion: 99 Resp: 726269

Ion Ratio Lower Upper

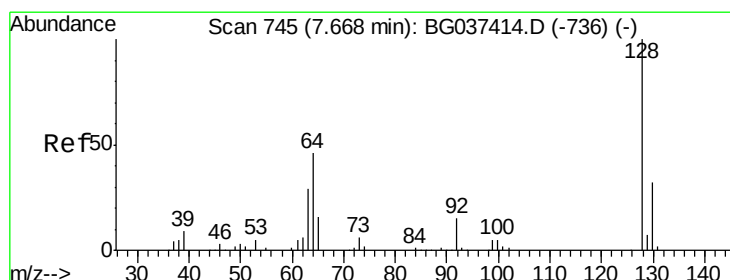
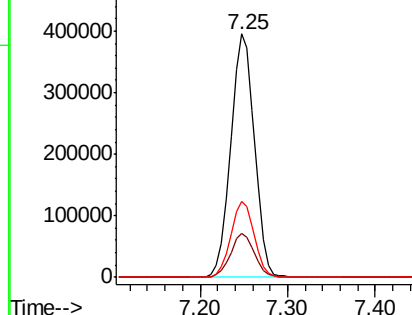
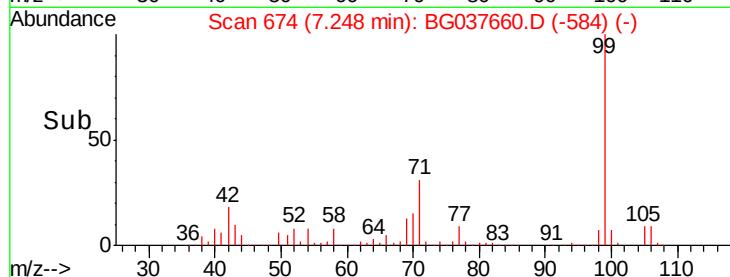
99 100

42 17.9 15.0 22.4

71 31.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 44.689 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

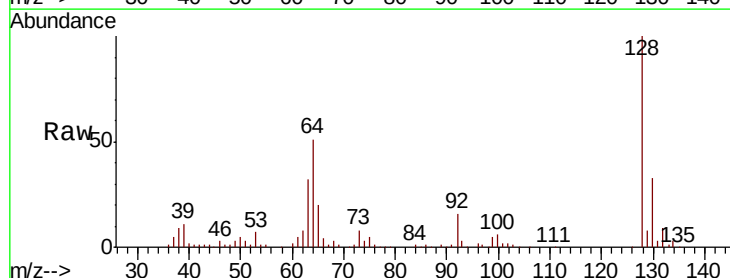
Tgt Ion: 128 Resp: 167779

Ion Ratio Lower Upper

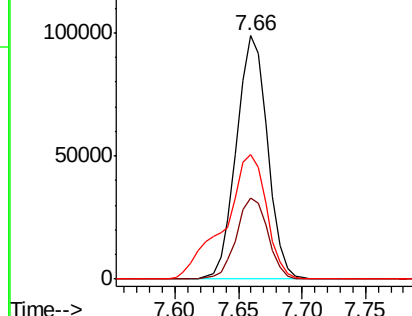
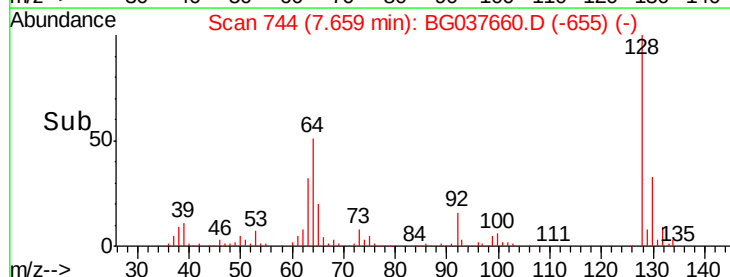
128 100

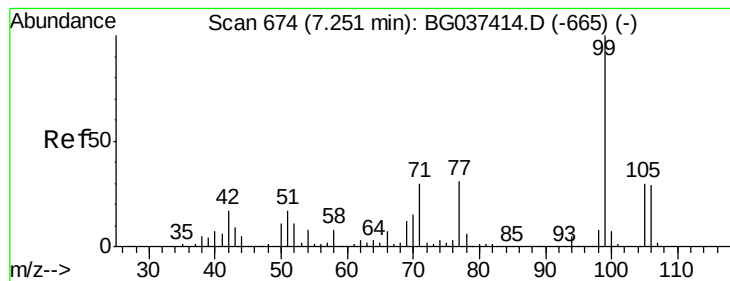
130 33.3 12.0 52.0

64 51.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.186 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

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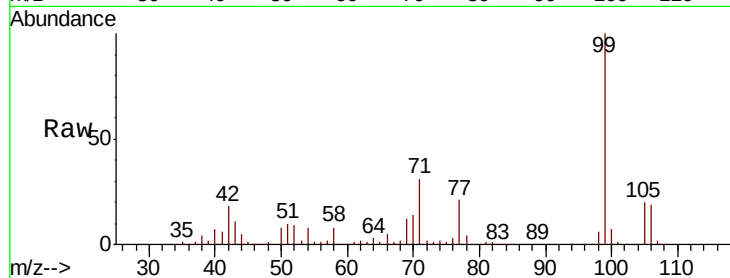
Tgt Ion: 77 Resp: 88597

Ion Ratio Lower Upper

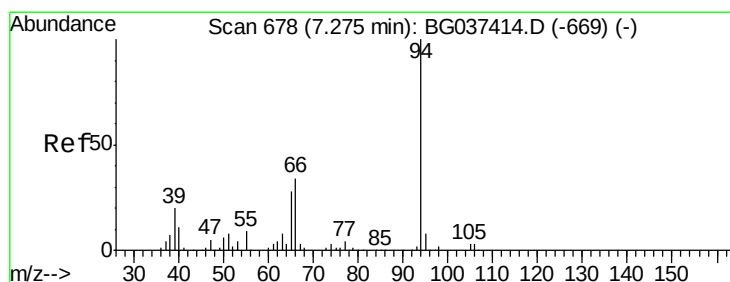
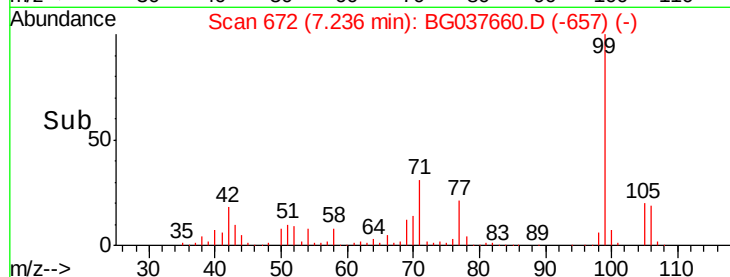
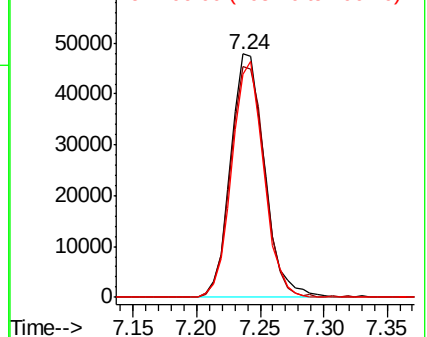
77 100

105 95.0 72.6 112.6

106 91.5 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: 44.763 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

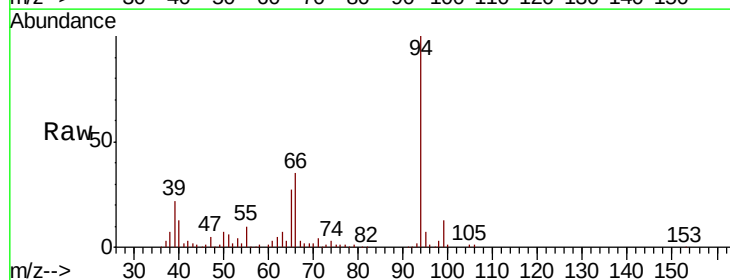
Tgt Ion: 94 Resp: 229195

Ion Ratio Lower Upper

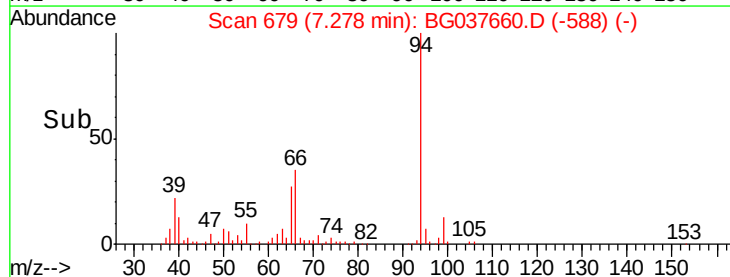
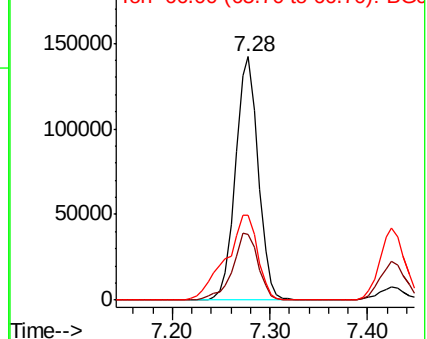
94 100

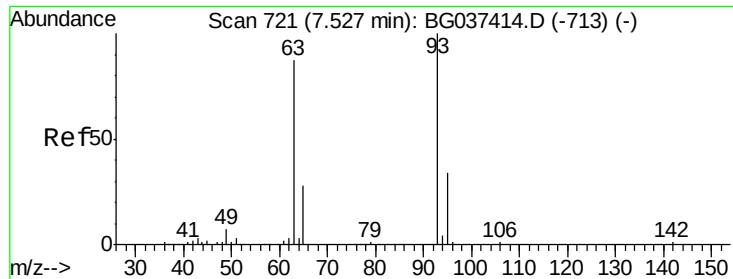
65 26.8 9.7 49.7

66 34.7 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

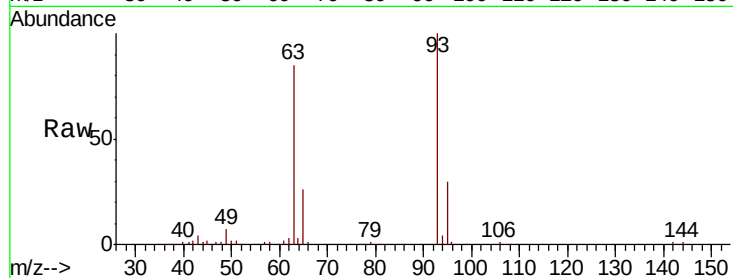




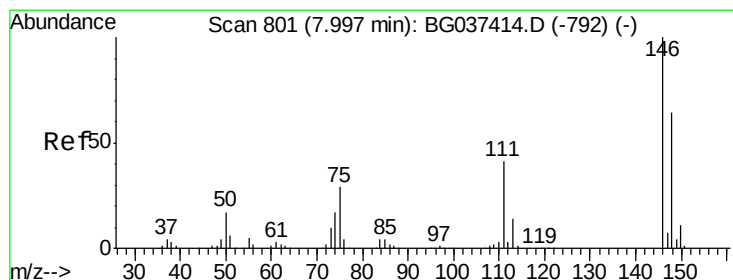
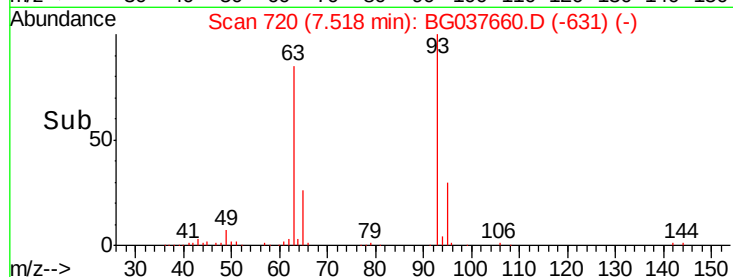
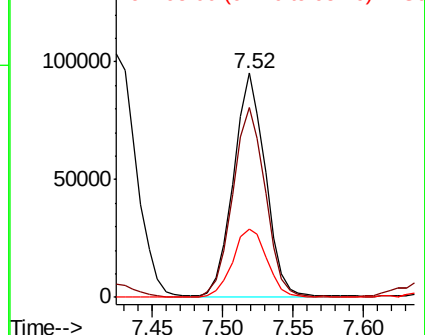
#11
 bis(2-Chloroethyl)ether
 Concen: 38.666 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tgt Ion: 93 Resp: 150366
 Ion Ratio Lower Upper
 93 100
 63 84.7 69.5 109.5
 95 30.4 12.6 52.6

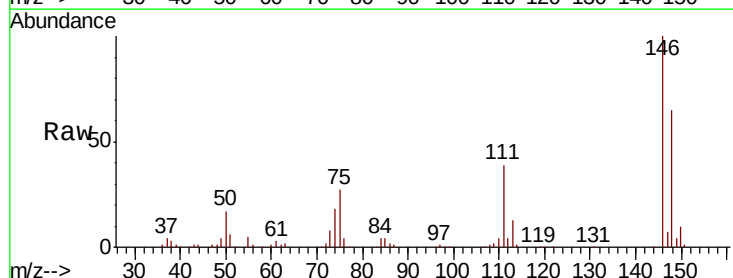


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

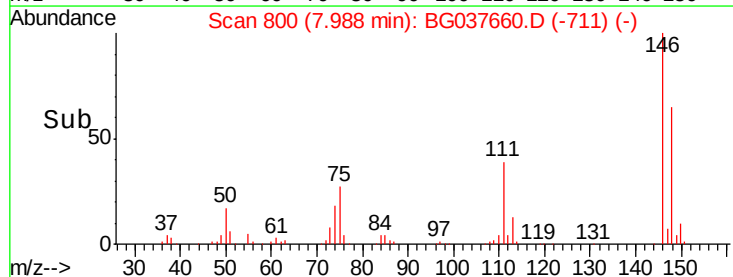
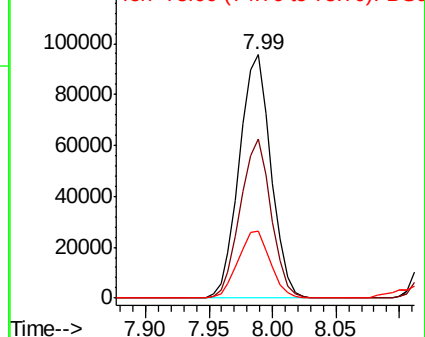


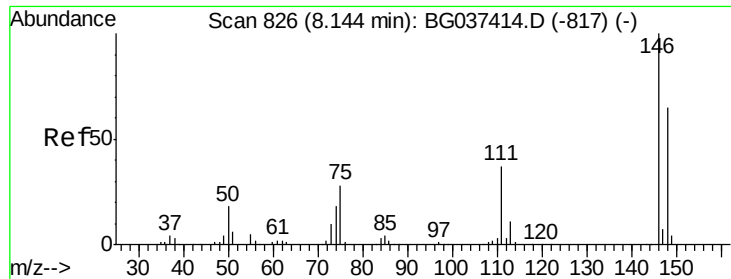
#12
 1,3-Dichlorobenzene
 Concen: 39.702 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion: 146 Resp: 165939
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.8 74.8
 75 27.4 23.2 34.8



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

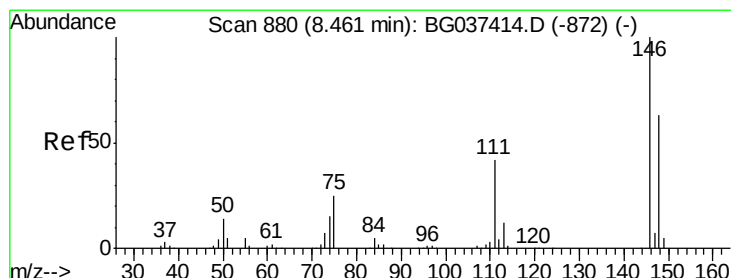
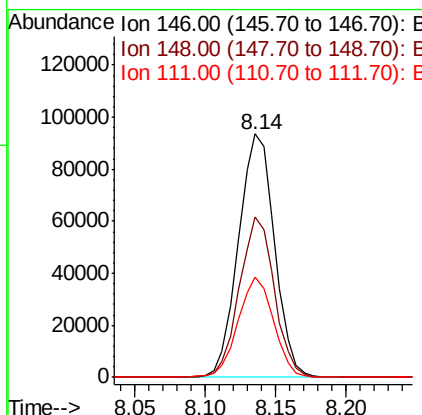
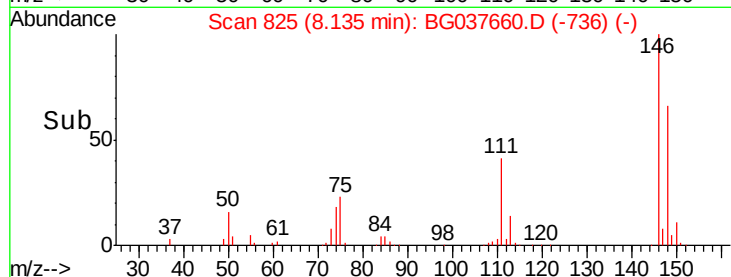
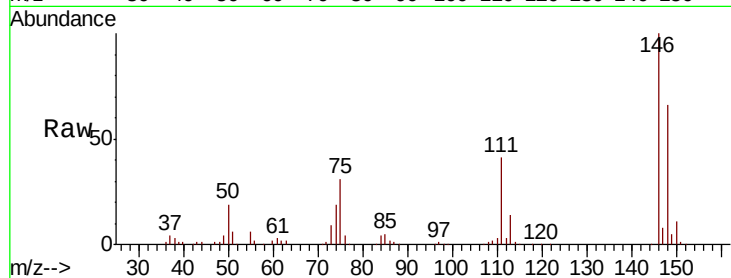




#13
 1,4-Dichlorobenzene
 Concen: 39.008 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

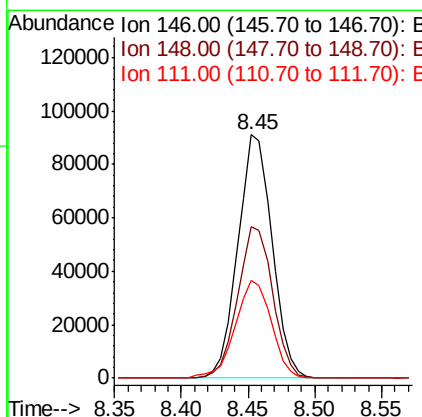
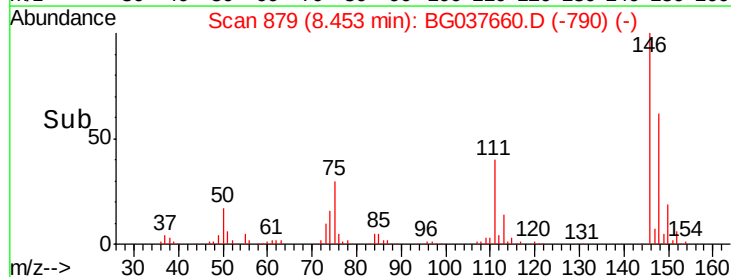
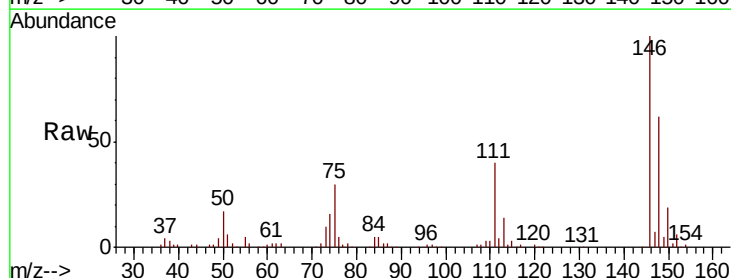
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

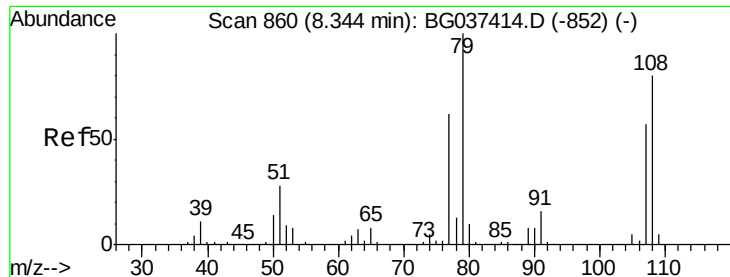
Tgt Ion:146 Resp: 166772
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.0 76.6
 111 41.0 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.196 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion:146 Resp: 161200
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.4 75.6
 111 40.1 34.6 51.8

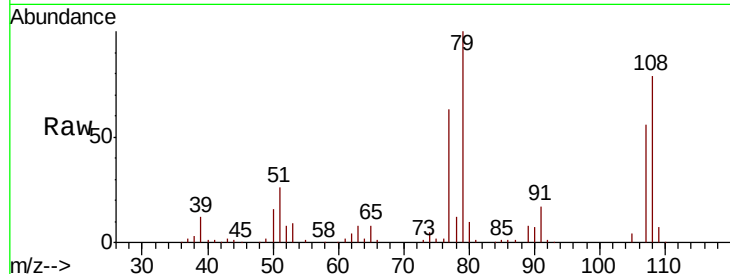




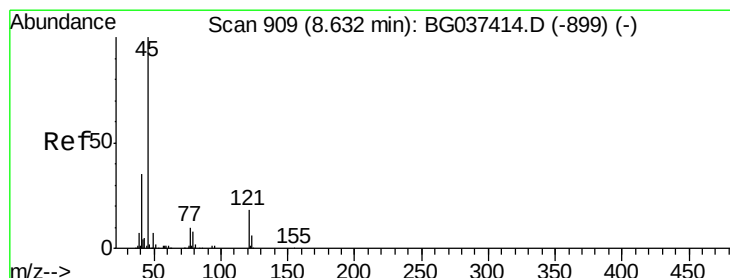
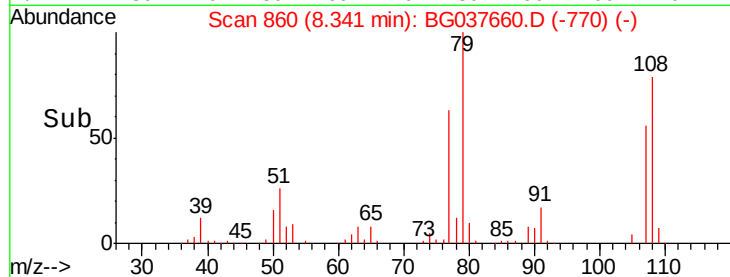
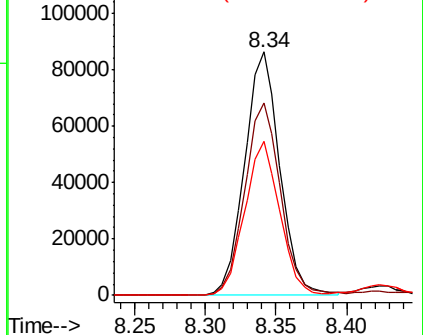
#15
Benzyl Alcohol
Concen: 42.124 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion: 79 Resp: 151044
Ion Ratio Lower Upper
79 100
108 78.8 65.8 98.8
77 63.3 52.9 79.3

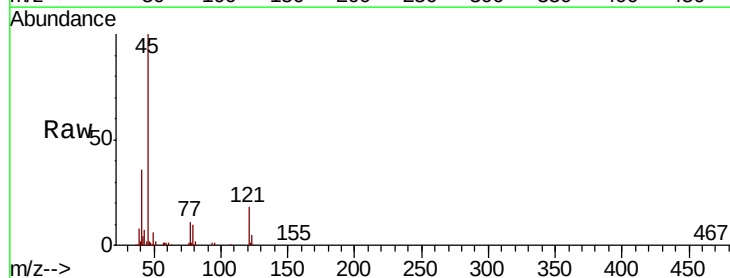


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

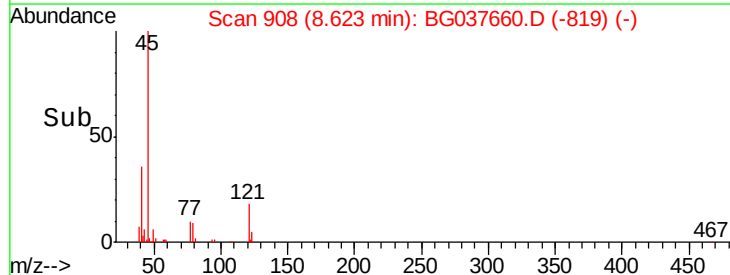
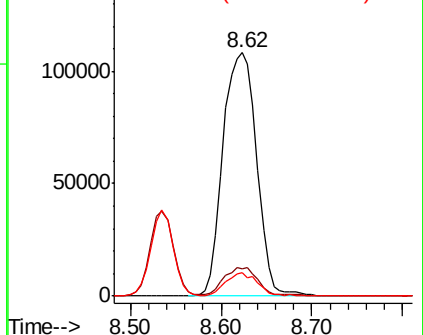


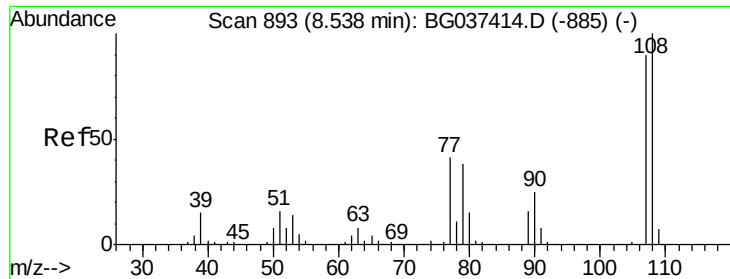
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.064 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion: 45 Resp: 278771
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.0
79 9.5 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

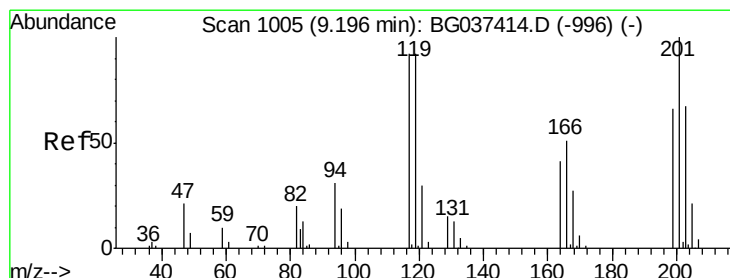
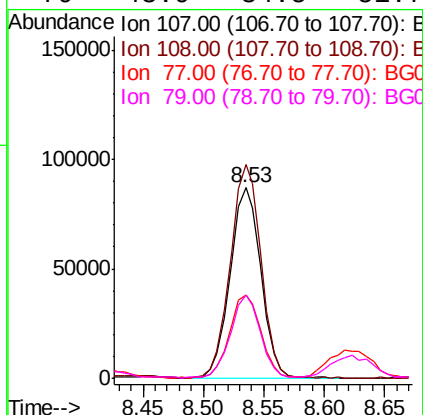
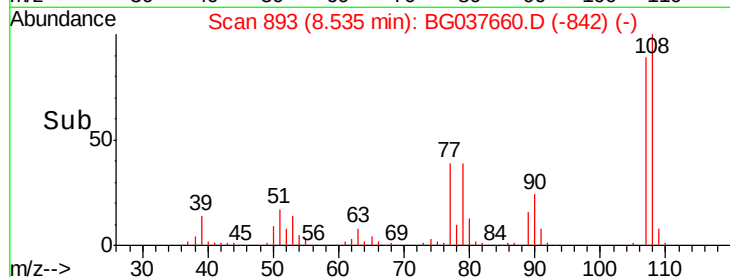
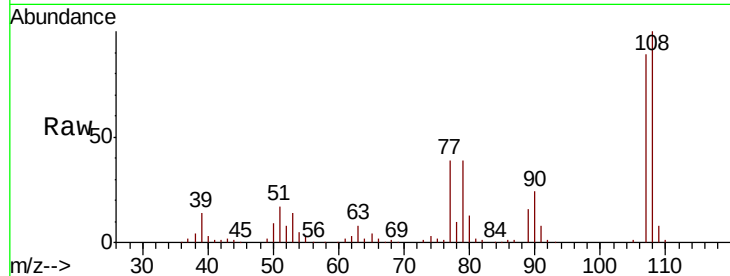




#17
2-Methylphenol
Concen: 45.361 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

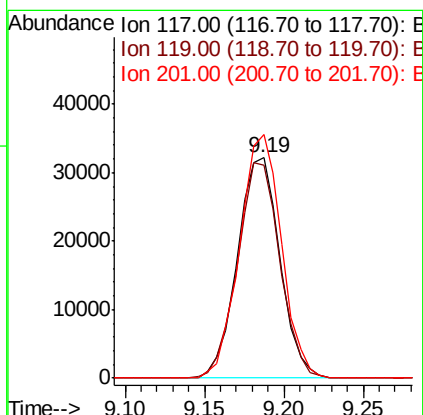
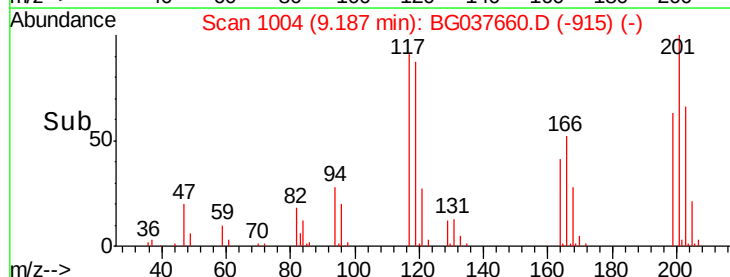
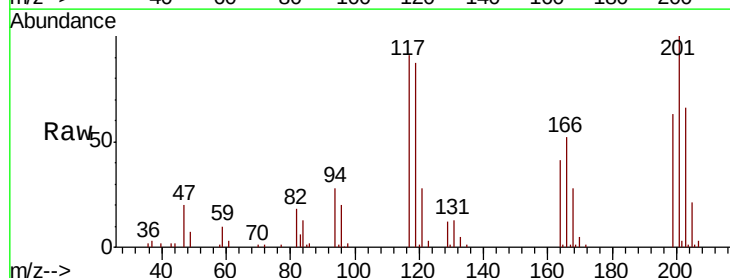
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

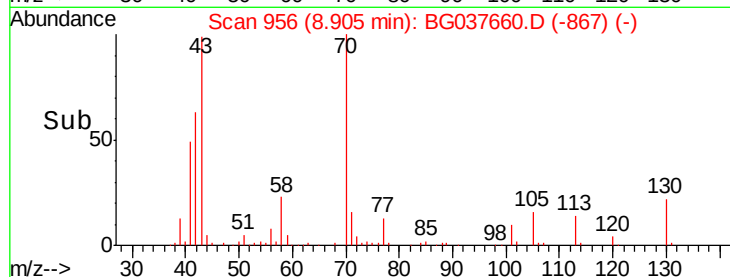
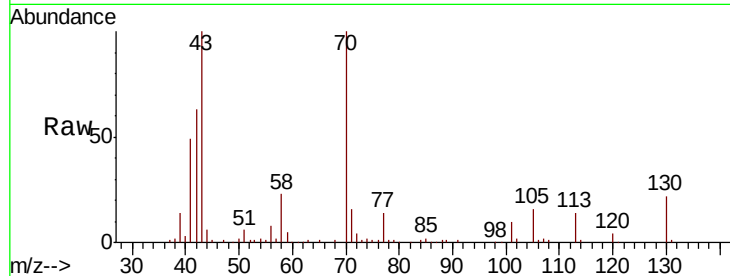
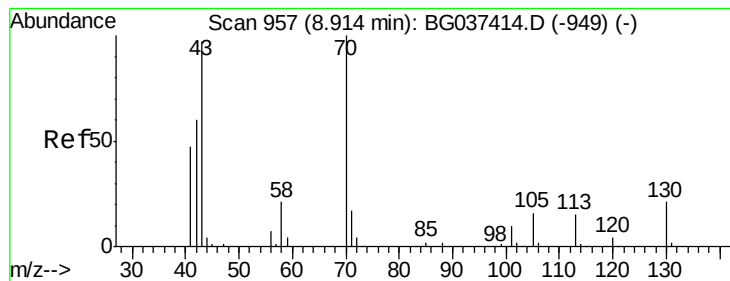
Tgt Ion:	107	Resp:	153548
Ion	Ratio	Lower	Upper
107	100		
108	112.2	87.9	131.9
77	43.7	35.1	52.7
79	43.9	34.5	51.7



#18
Hexachloroethane
Concen: 41.000 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	117	Resp:	59760
Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.6	111.8
201	113.7	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.391 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

Tgt Ion: 70 Resp: 128291

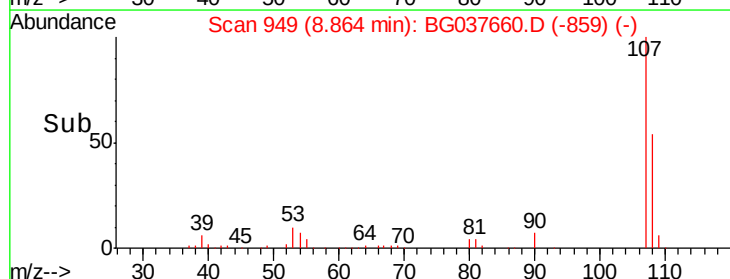
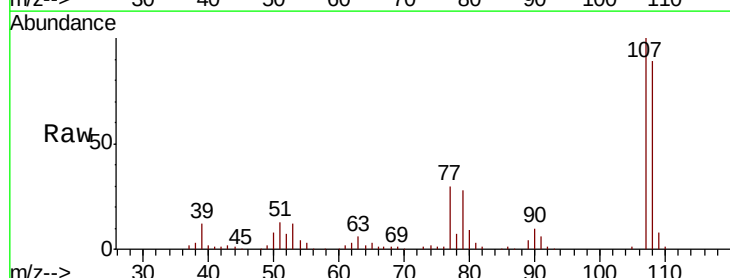
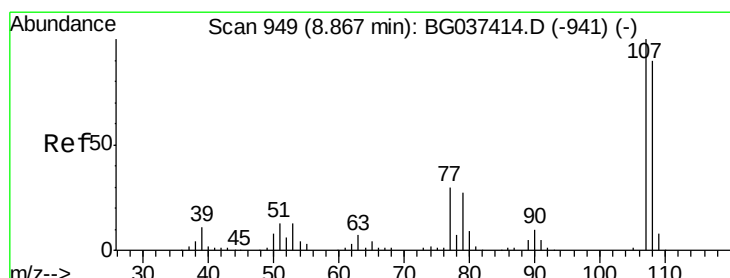
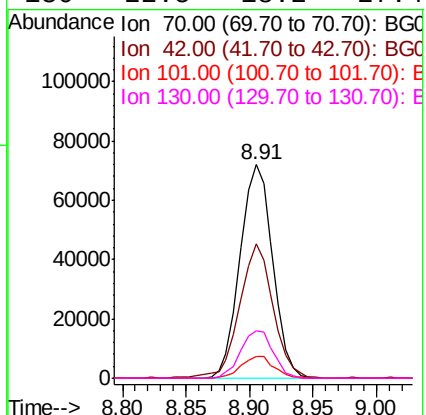
Ion Ratio Lower Upper

70 100

42 62.9 53.9 80.9

101 10.0 8.2 12.2

130 22.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 44.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion: 107 Resp: 212946

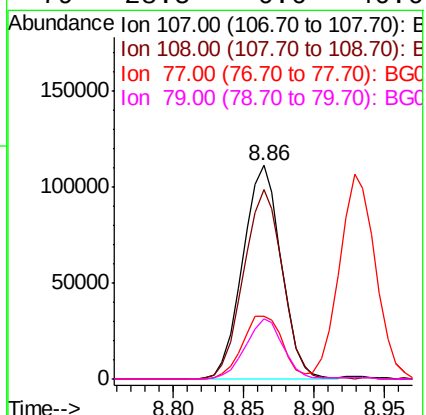
Ion Ratio Lower Upper

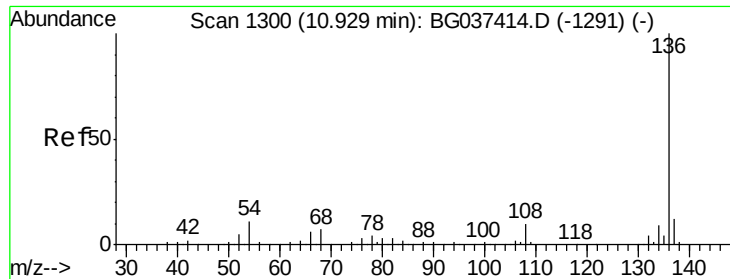
107 100

108 88.7 69.9 109.9

77 29.7 11.2 51.2

79 28.5 6.6 46.6

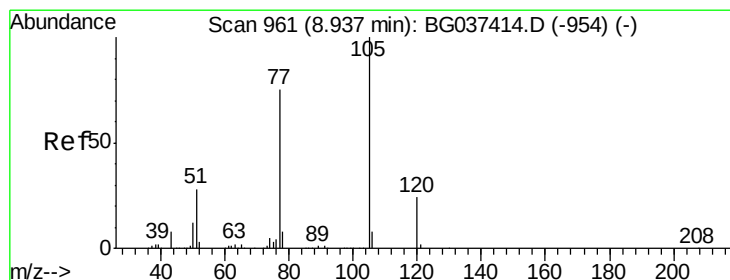
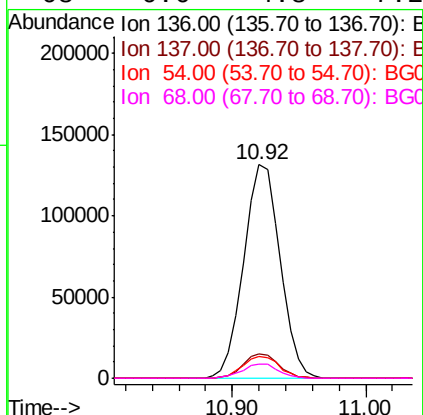
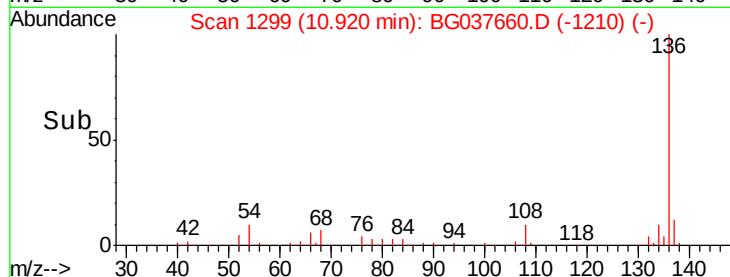
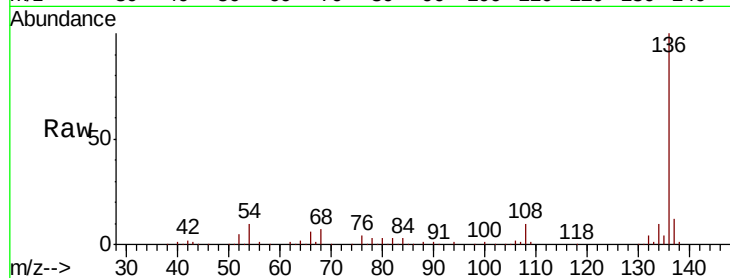




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

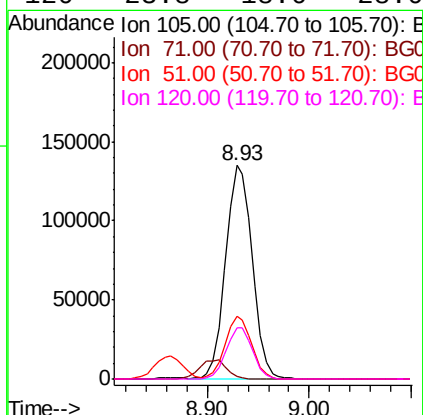
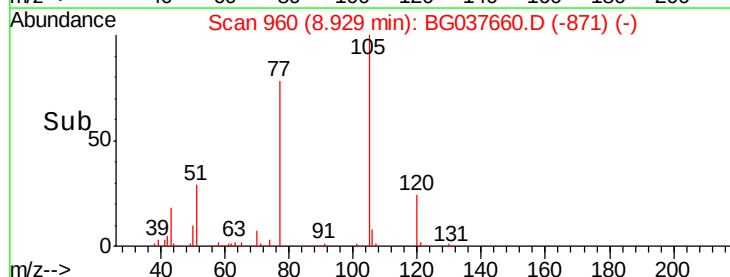
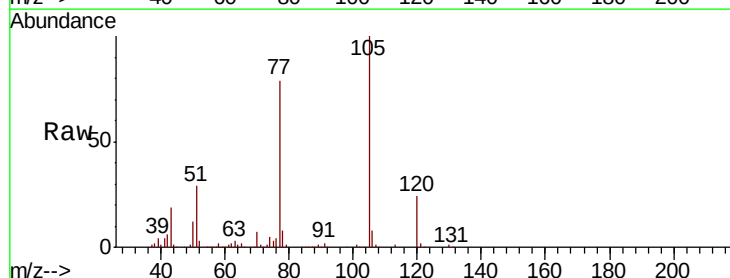
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

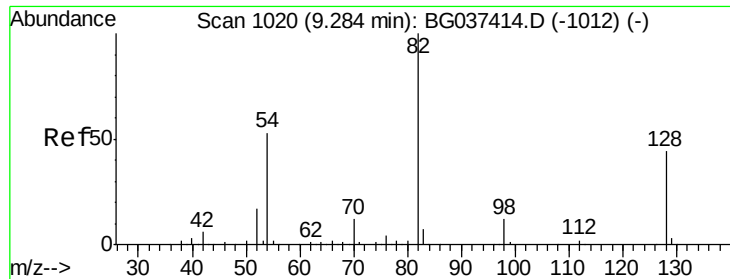
Tgt Ion:	136	Resp:	248062
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.9	7.9	11.9
68	6.6	4.8	7.2



#22
Acetophenone
Concen: 39.463 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	105	Resp:	245513
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	29.1	25.0	37.6
120	23.8	18.6	28.0

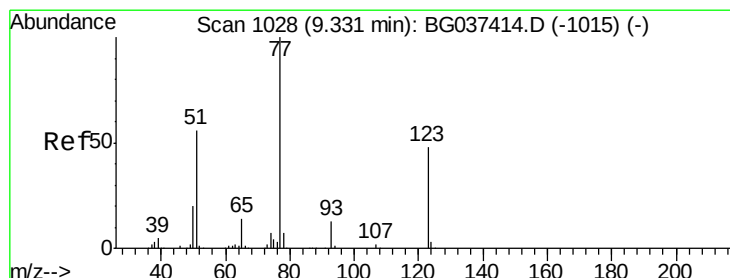
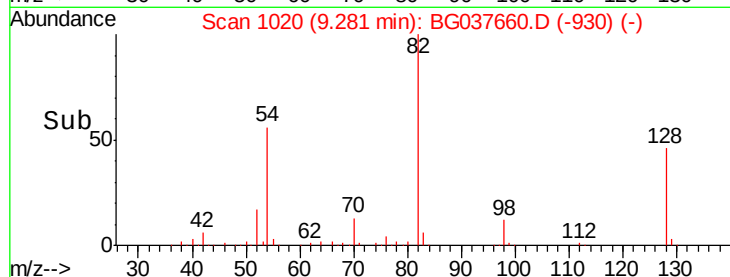
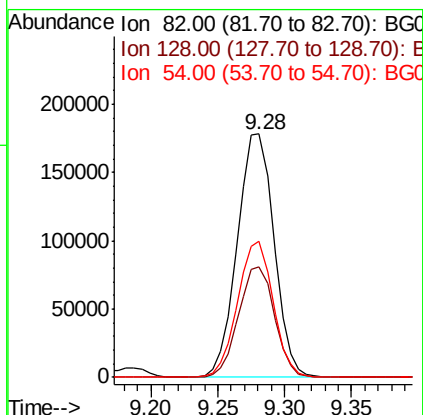
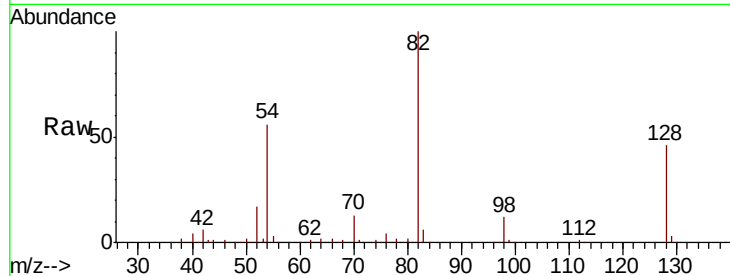




#23
 Nitrobenzene-d5
 Concen: 76.785 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

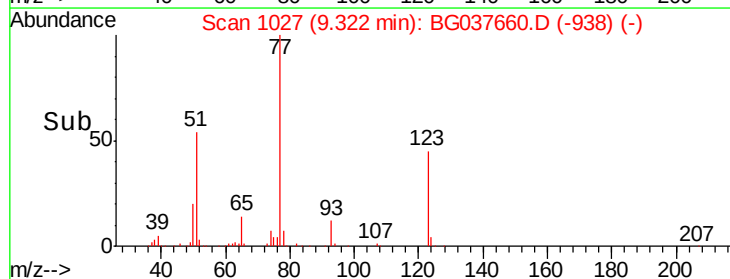
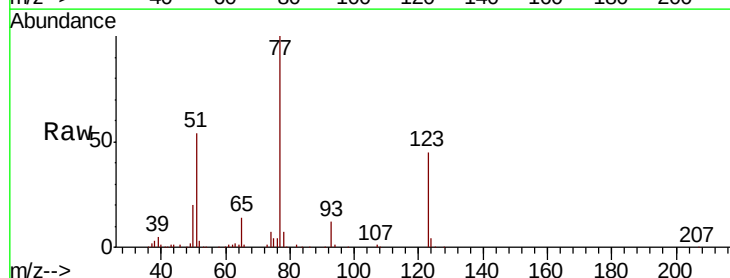
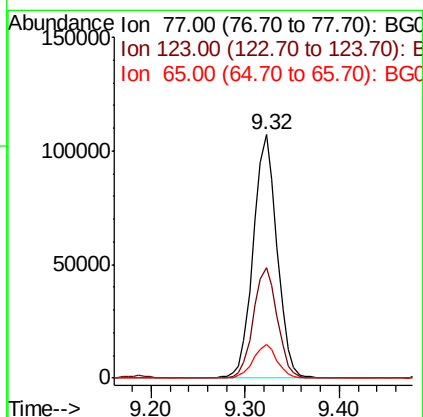
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

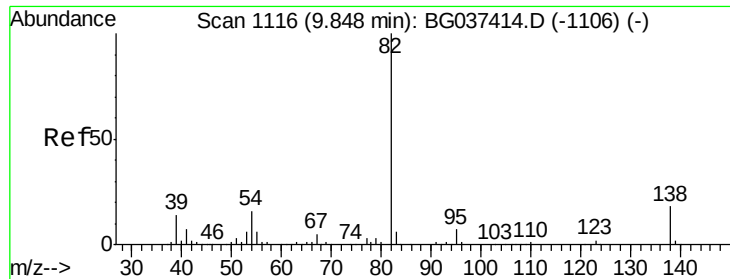
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	56.0	45.3	67.9



#24
 Nitrobenzene
 Concen: 40.873 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	33.6	50.4
65	13.9	11.3	16.9

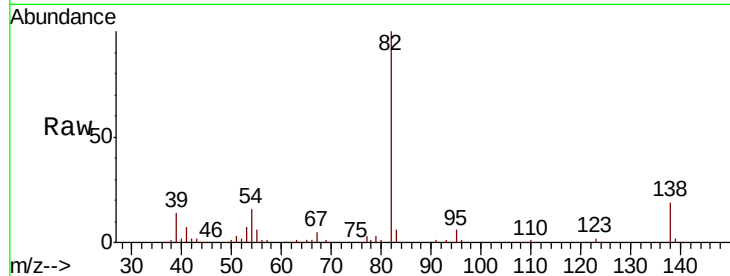




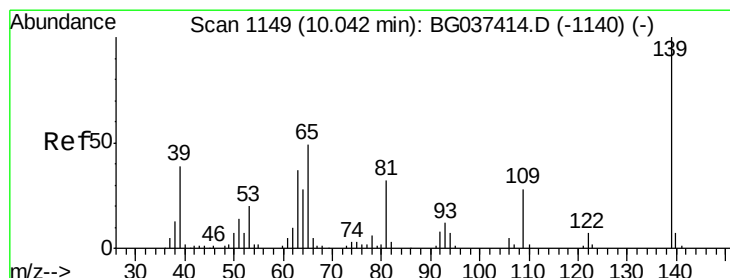
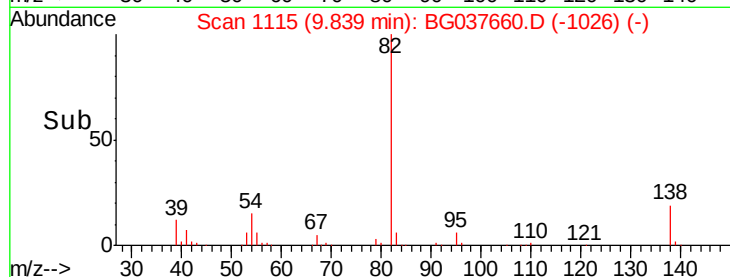
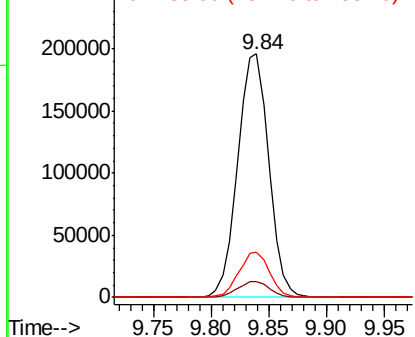
#25
Isophorone
Concen: 45.172 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion: 82 Resp: 365488
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 18.7 13.3 19.9

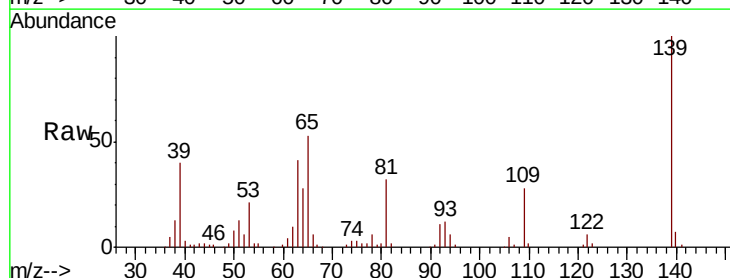


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

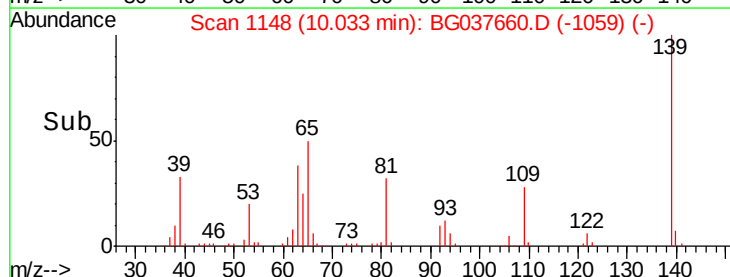
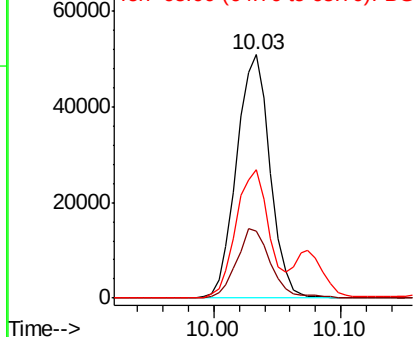


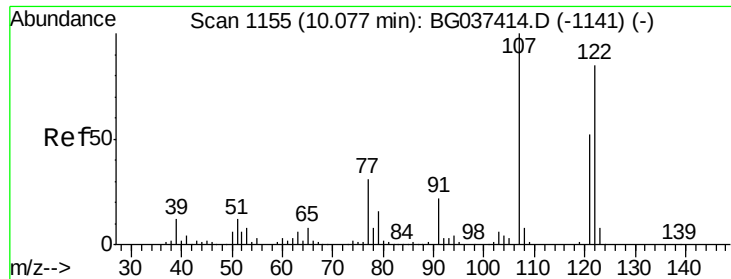
#26
2-Nitrophenol
Concen: 44.943 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion: 139 Resp: 93138
Ion Ratio Lower Upper
139 100
109 27.6 23.3 34.9
65 52.9 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

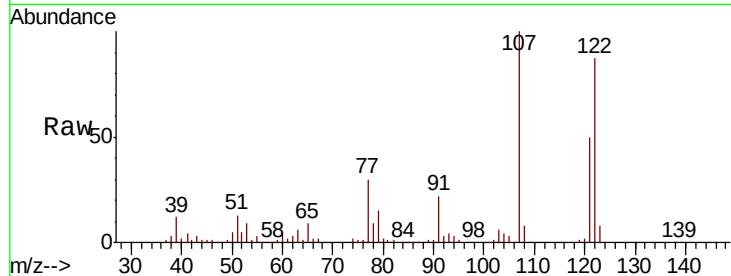




#27
2,4-Dimethylphenol
Concen: 48.973 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.3	94.2	141.2
121	58.2	47.3	70.9

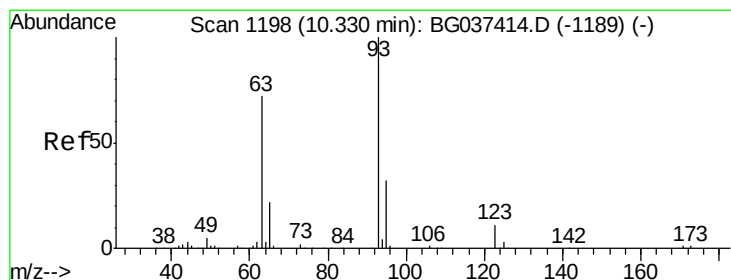
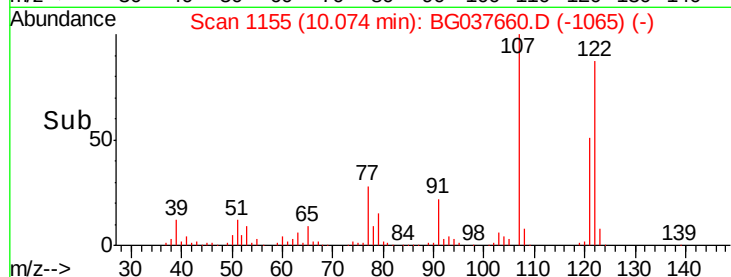
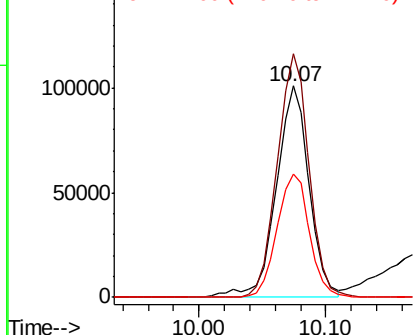


Abundance

Ion 122.00 (121.70 to 122.70): E

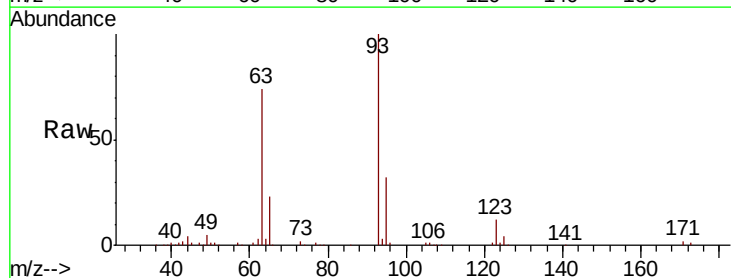
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.013 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.6	37.0
123	11.7	9.1	13.7

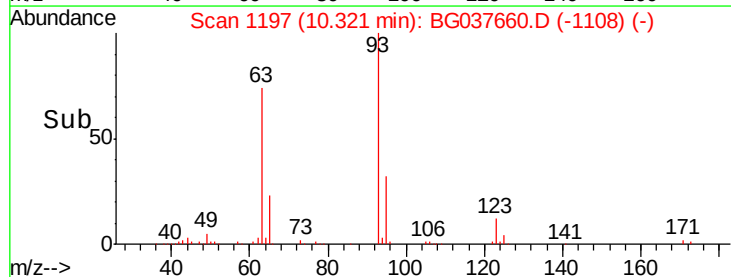
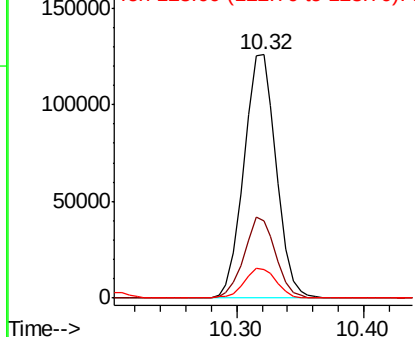


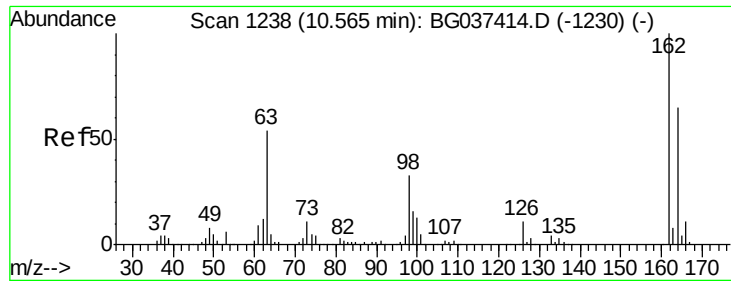
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

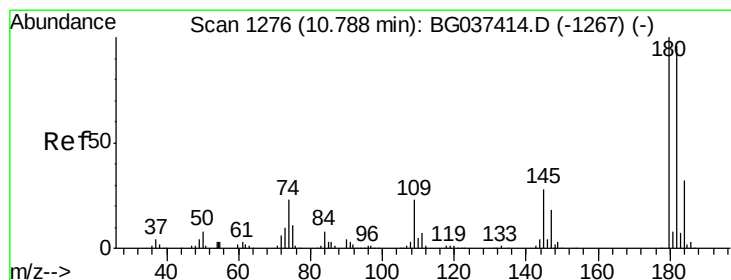
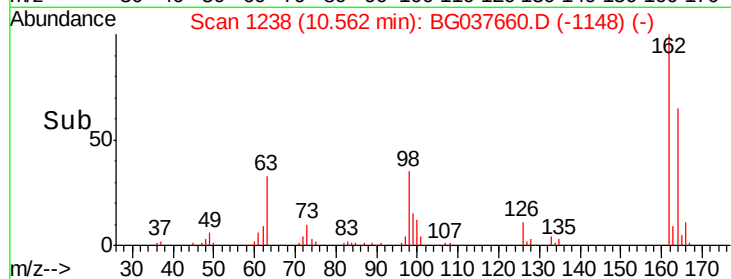
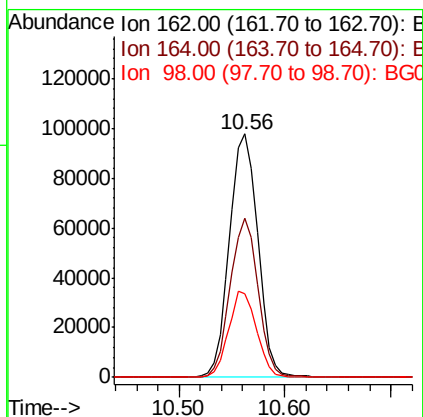
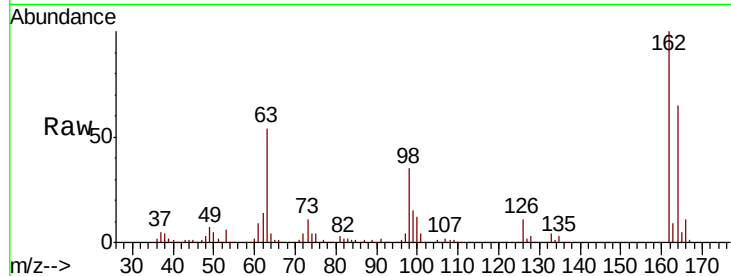




#29
 2,4-Dichlorophenol
 Concen: 44.197 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

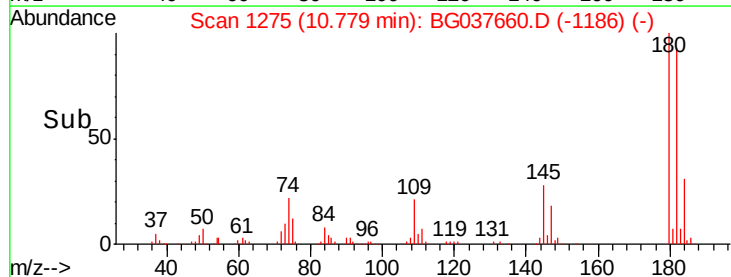
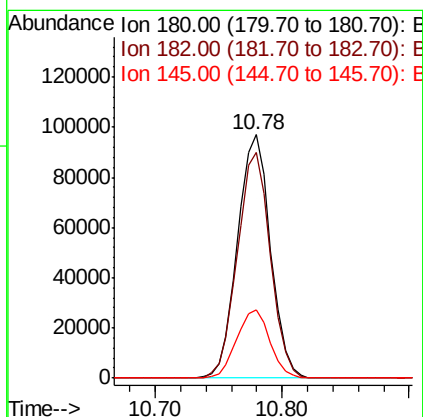
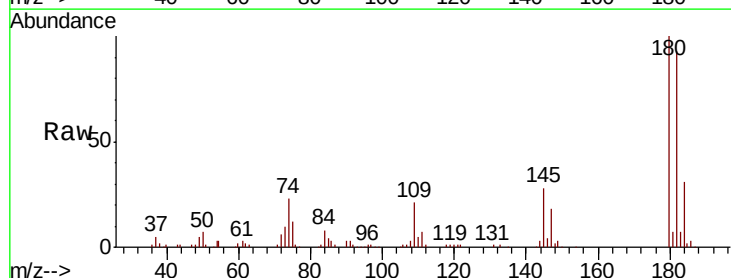
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

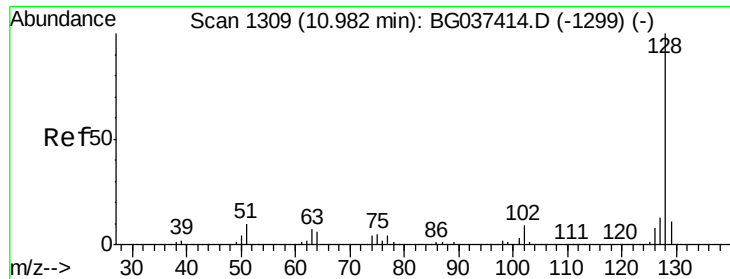
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	34.5	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.863 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.7	116.5
145	27.9	23.3	34.9

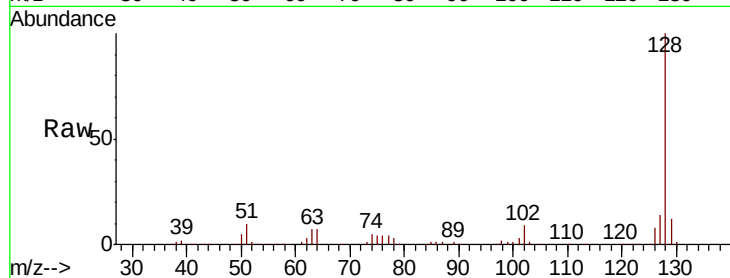




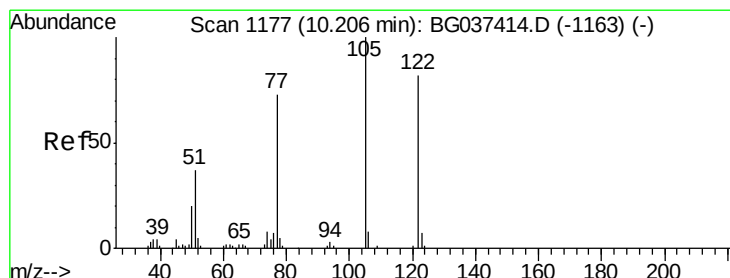
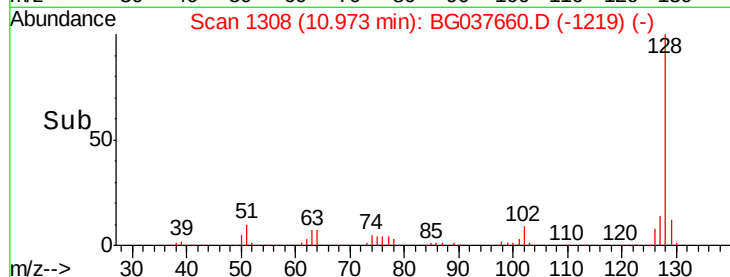
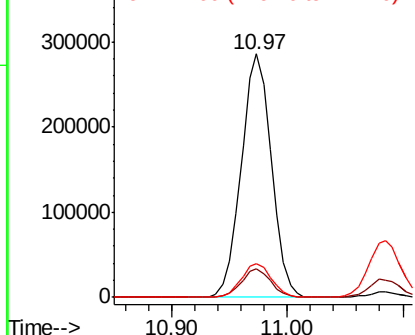
#31
Naphthalene
Concen: 42.457 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion:128 Resp: 517298
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.1 11.1 16.7

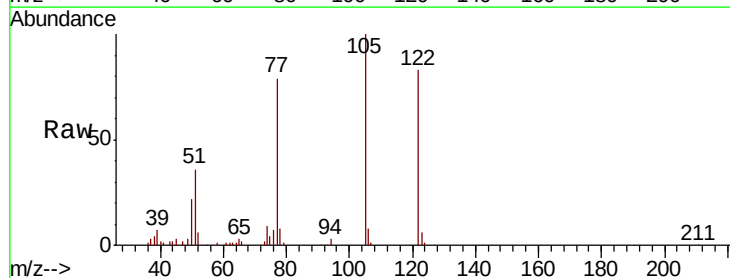


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

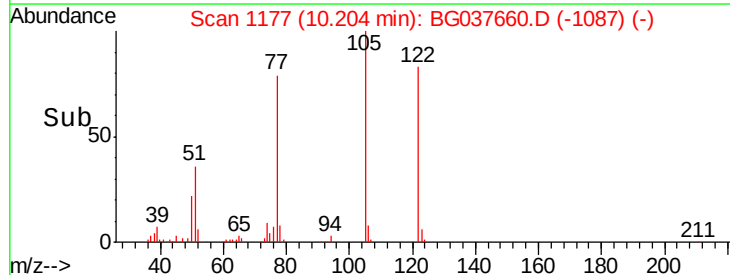
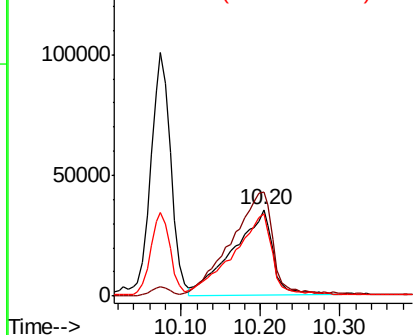


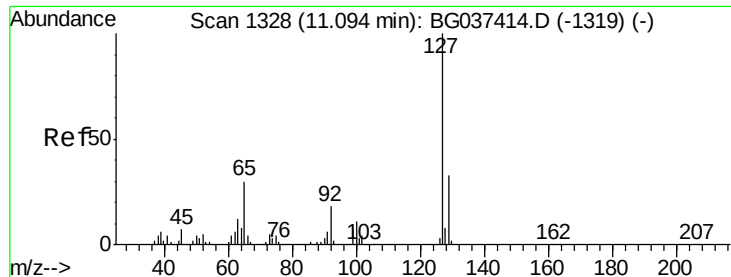
#32
Benzoic acid
Concen: 51.207 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:122 Resp: 123066
Ion Ratio Lower Upper
122 100
105 120.0 106.7 146.7
77 95.3 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

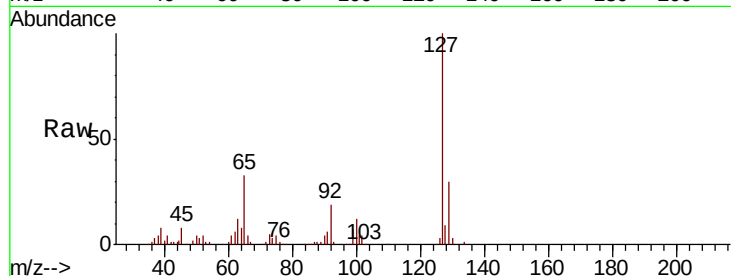




#33
4-Chloroaniline
Concen: 22.707 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion:	127	Resp:	129994
Ion	Ratio	Lower	Upper
127	100		
129	30.1	27.1	40.7
65	33.3	26.6	39.8
92	18.9	16.4	24.6



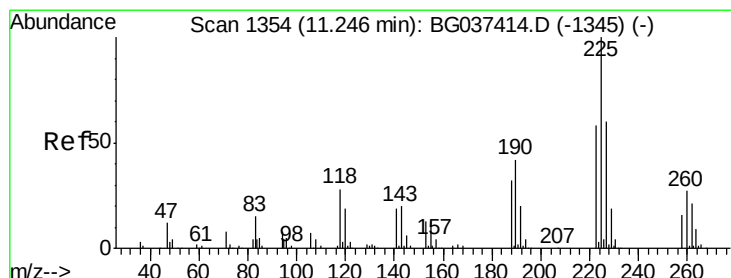
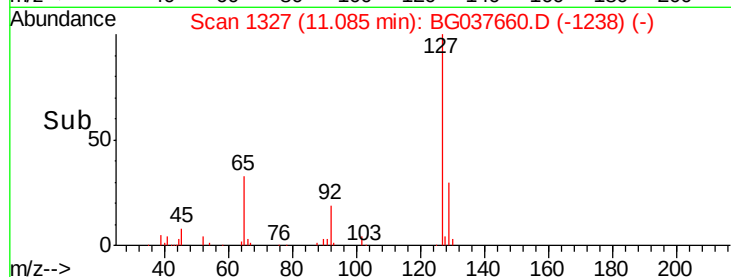
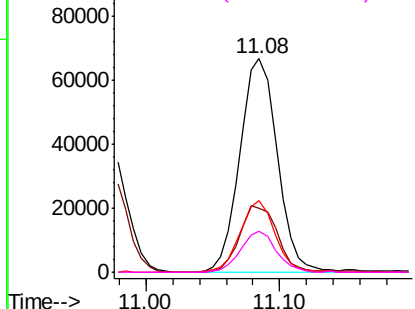
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

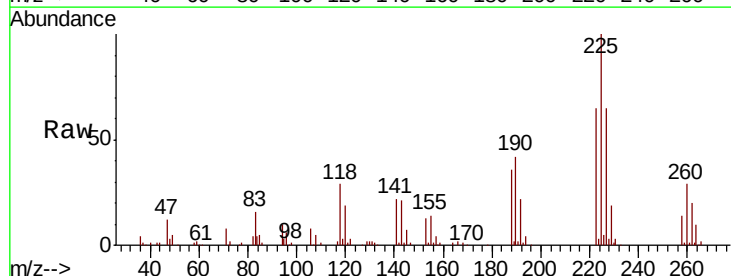
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.475 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	225	Resp:	99506
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.2	72.4
227	64.9	51.6	77.4

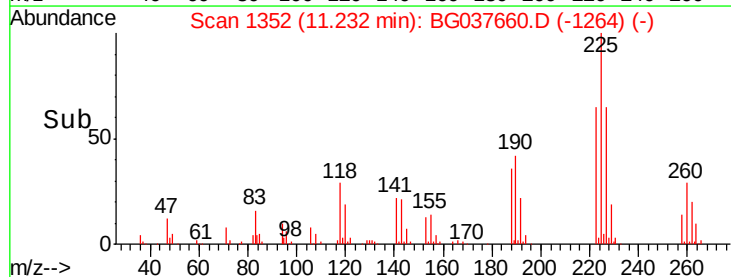
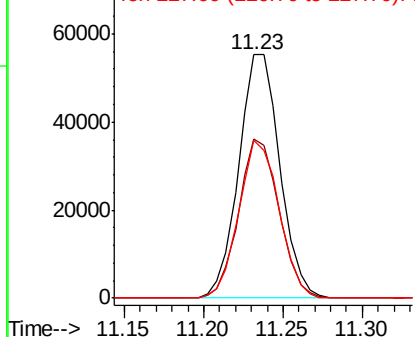


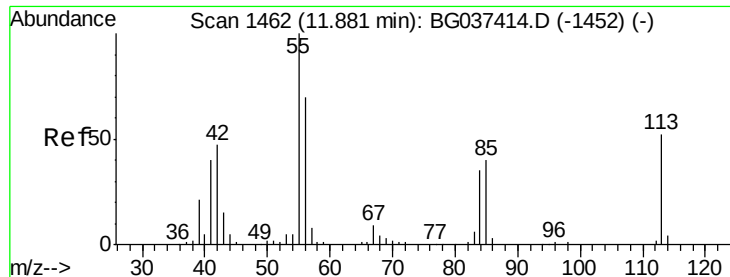
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

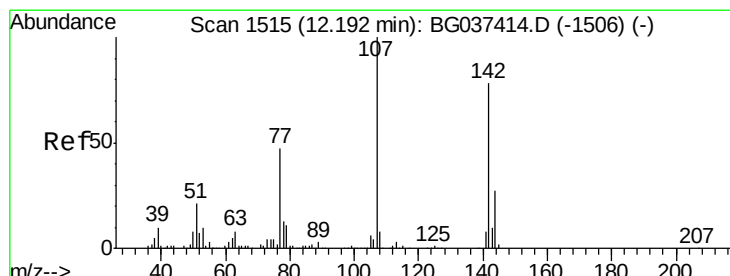
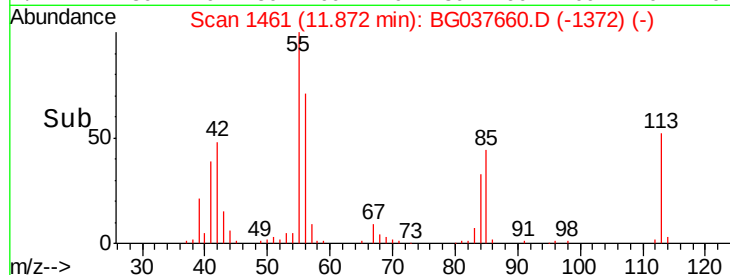
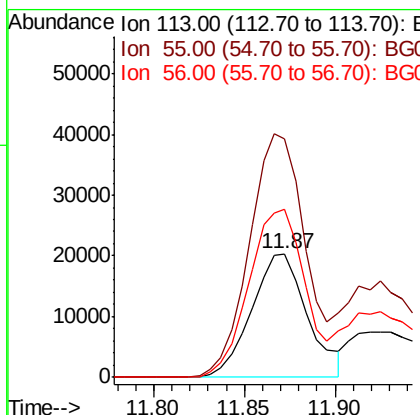
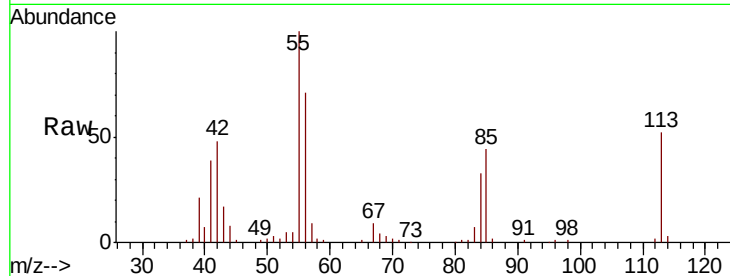




#35
 Caprolactam
 Concen: 26.179 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

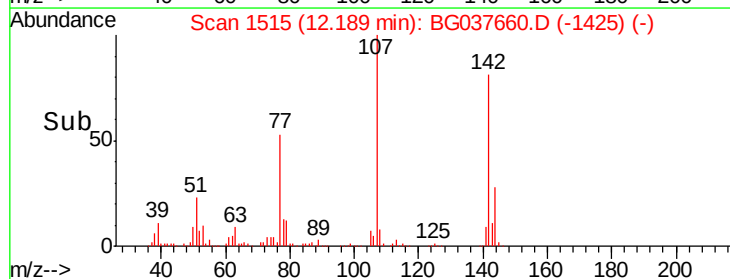
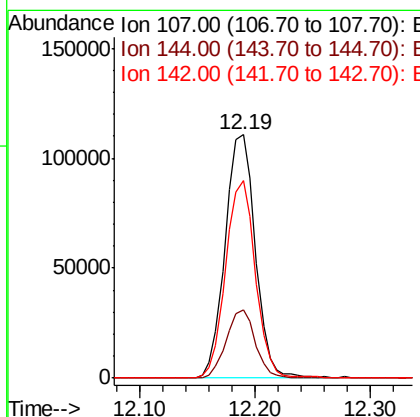
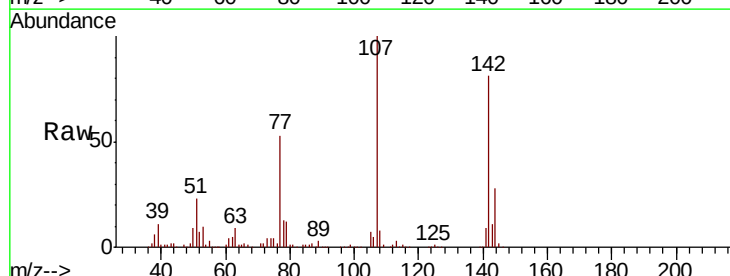
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

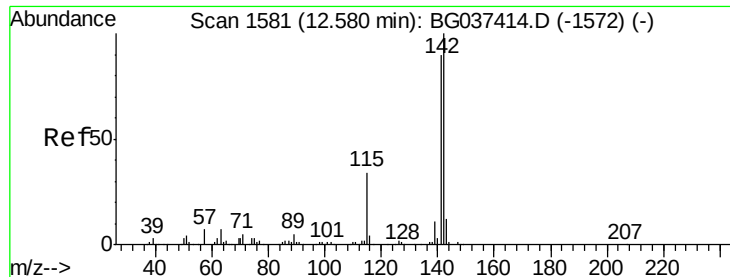
Tgt Ion:113 Resp: 43256
 Ion Ratio Lower Upper
 113 100
 55 193.3 176.6 216.6
 56 136.7 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.319 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion:107 Resp: 201265
 Ion Ratio Lower Upper
 107 100
 144 28.2 20.7 31.1
 142 81.2 64.4 96.6

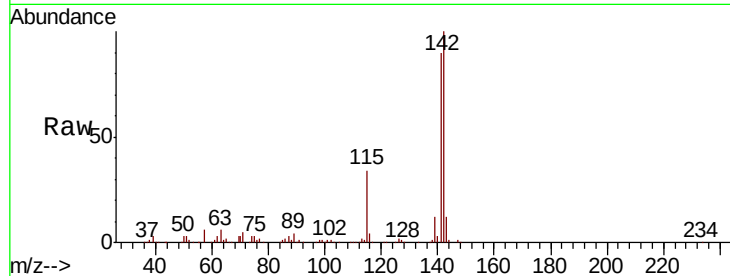




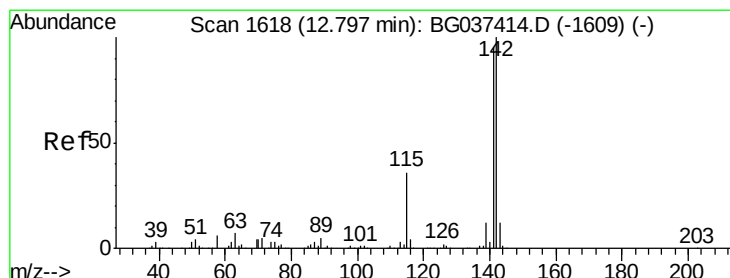
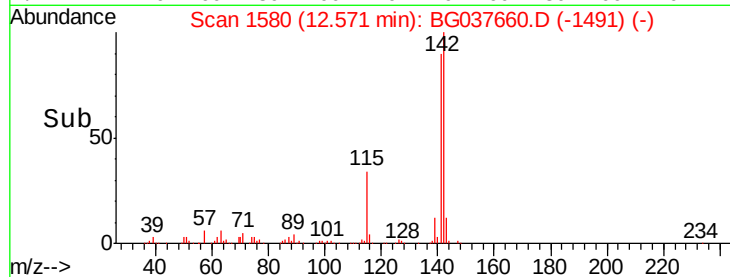
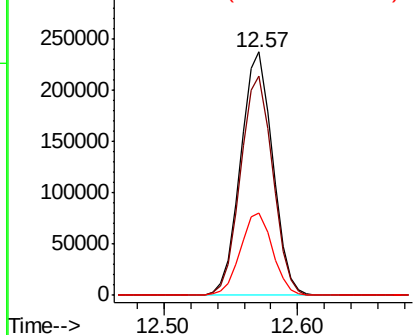
#37
2-Methylnaphthalene
Concen: 44.159 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion:142 Resp: 392206
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9
115 33.8 27.8 41.8

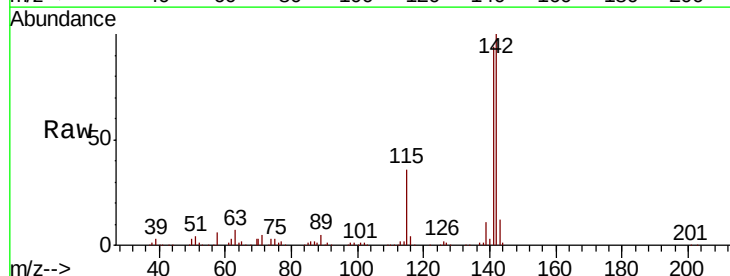


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

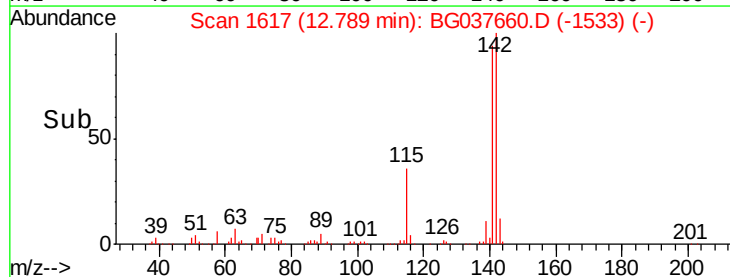
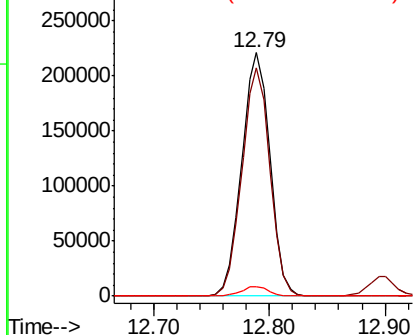


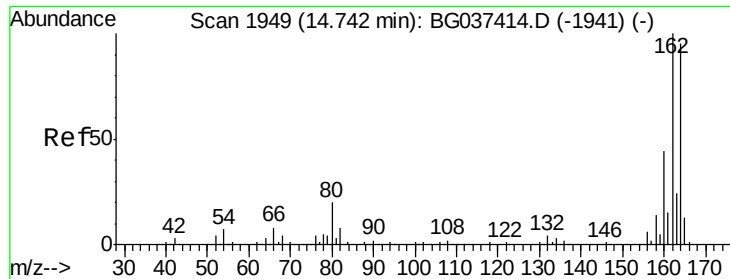
#38
1-Methylnaphthalene
Concen: 43.494 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:142 Resp: 375158
Ion Ratio Lower Upper
142 100
141 93.6 75.2 112.8
116 4.1 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampled :

PB114322BSD

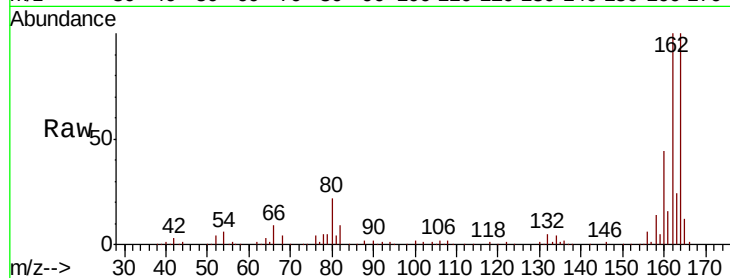
Tgt Ion:164 Resp: 164188

Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

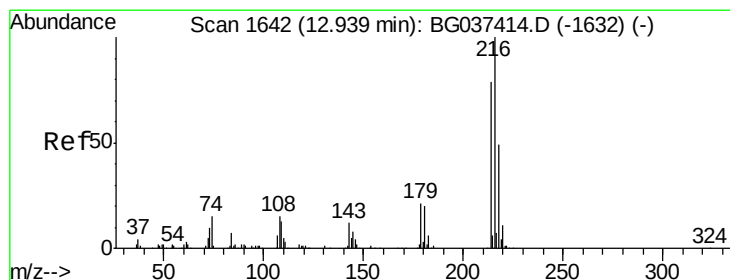
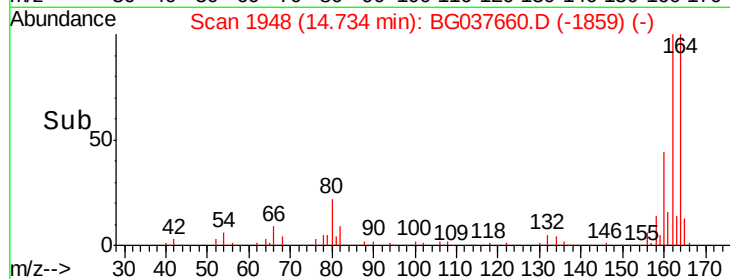
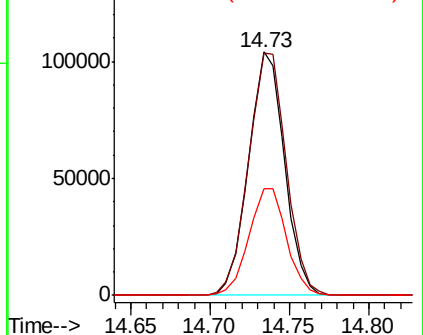
160 43.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.673 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:216 Resp: 199513

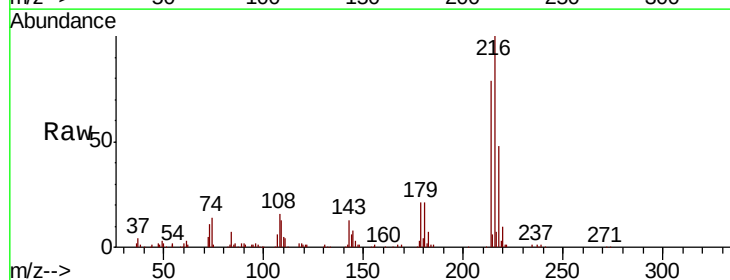
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 21.3 17.4 26.0

108 19.4 13.9 20.9

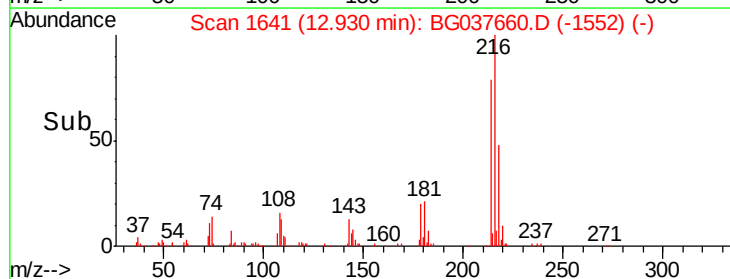
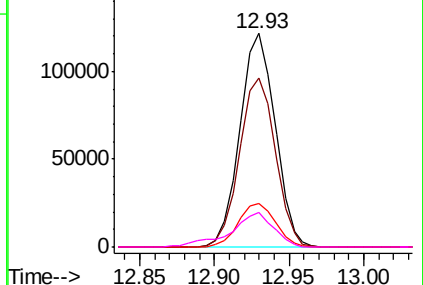


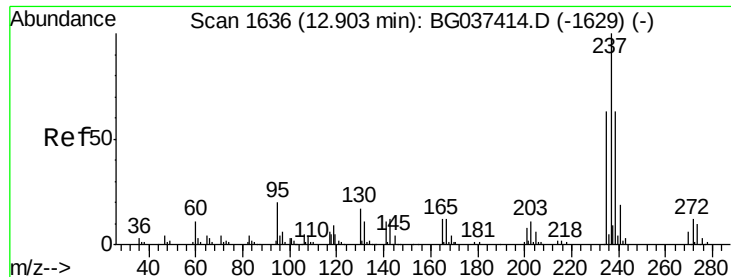
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

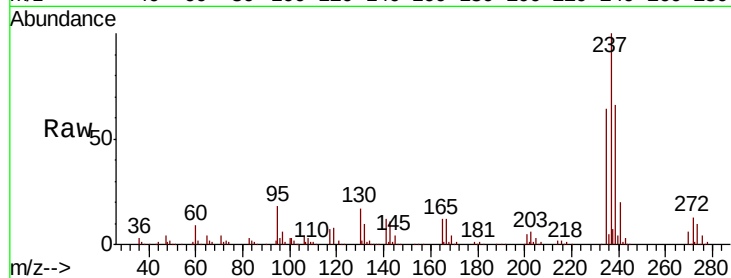




#41
Hexachlorocyclopentadiene
Concen: 97.772 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.5	82.5
272	12.7	0.0	31.6

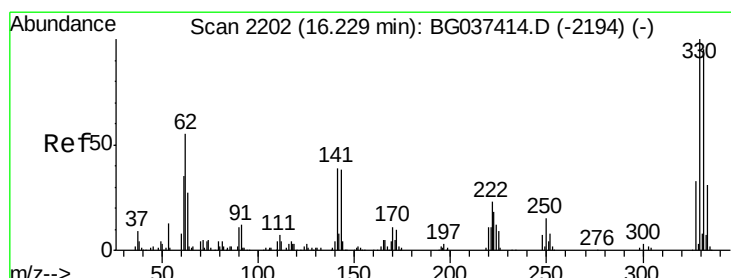
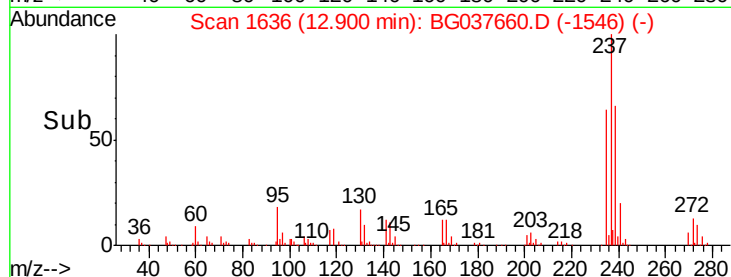
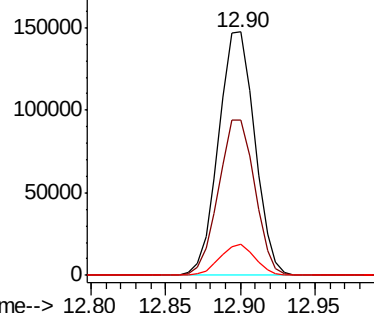


Abundance

Ion 236.80 (236.50 to 237.50): E

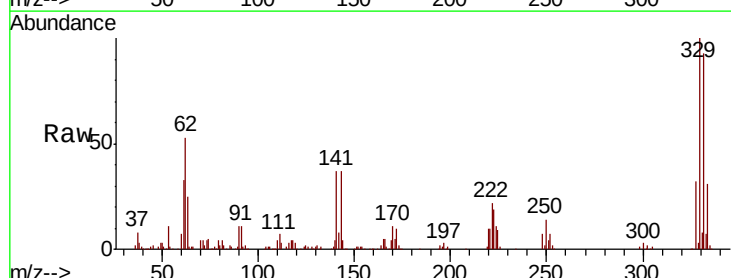
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 151.458 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	39.0	32.2	48.2

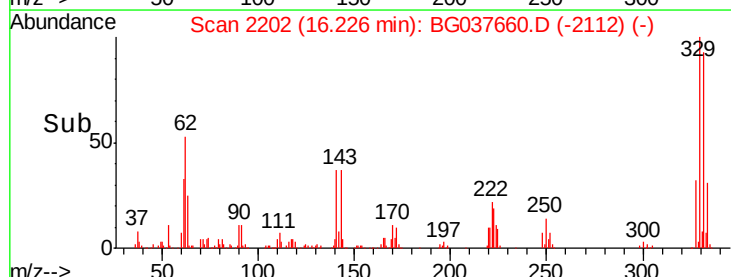
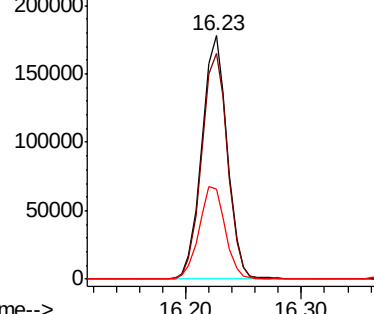


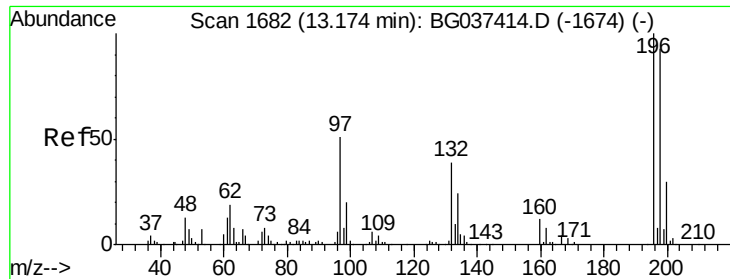
Abundance

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

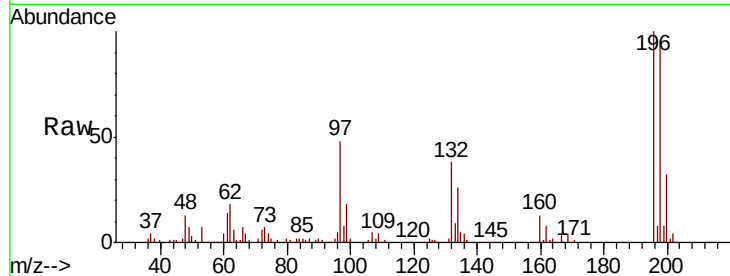




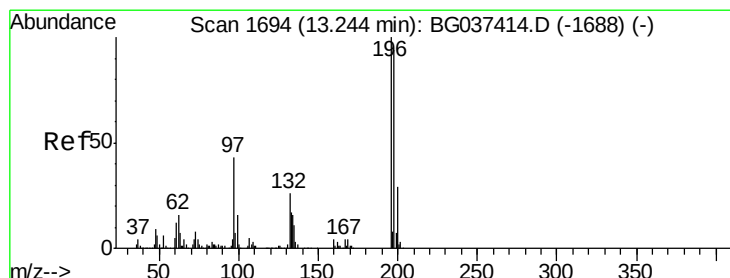
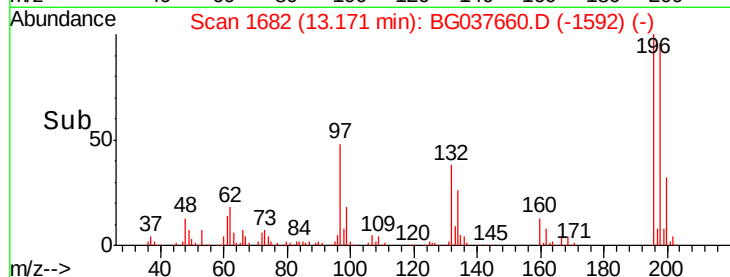
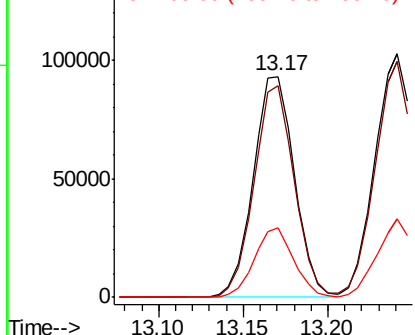
#43
 2,4,6-Trichlorophenol
 Concen: 44.417 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tgt Ion:196 Resp: 157155
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.4 114.6
 200 31.6 24.9 37.3



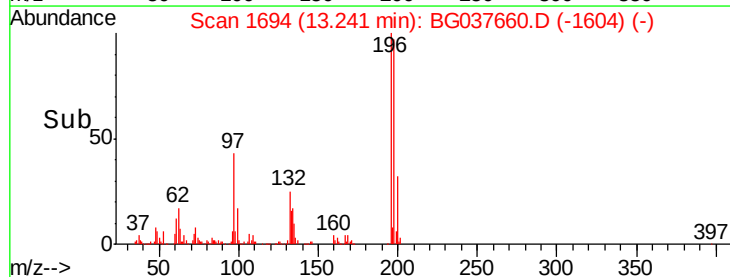
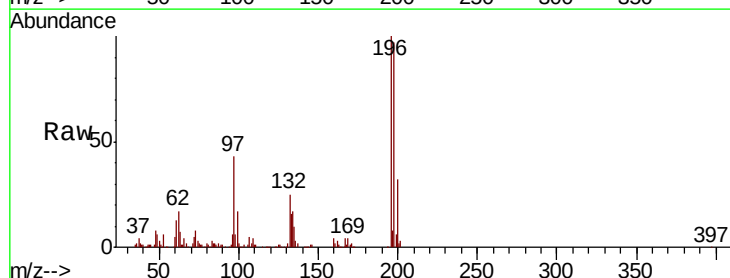
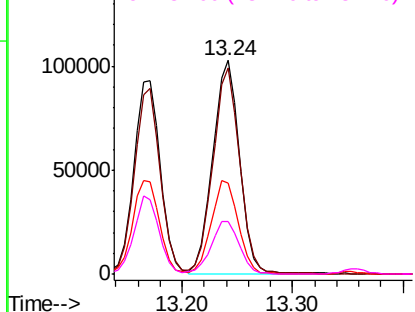
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

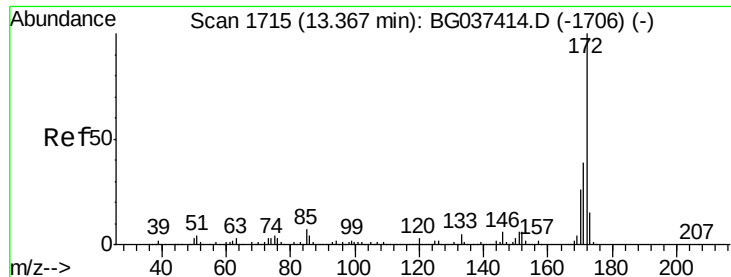


#44
 2,4,5-Trichlorophenol
 Concen: 44.544 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion:196 Resp: 171594
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.2 111.2
 97 42.8 34.1 51.1
 132 24.6 20.2 30.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

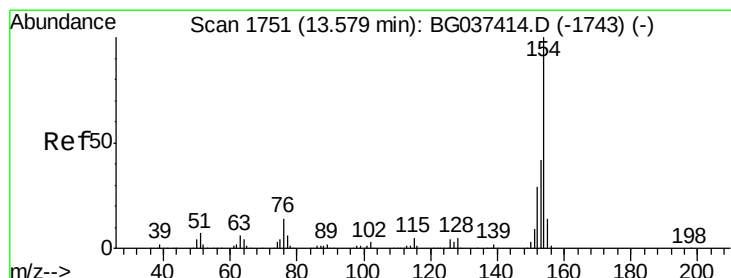
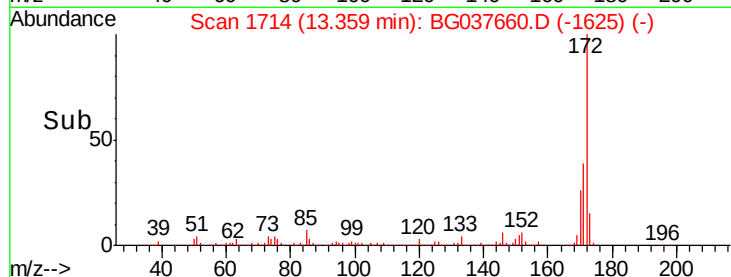
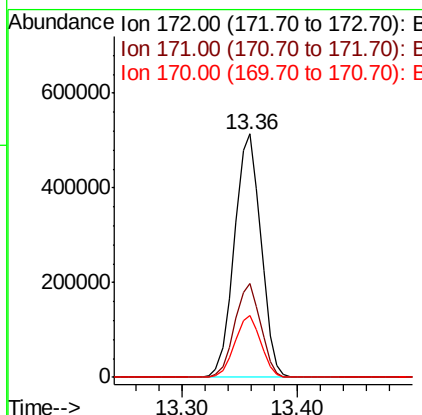
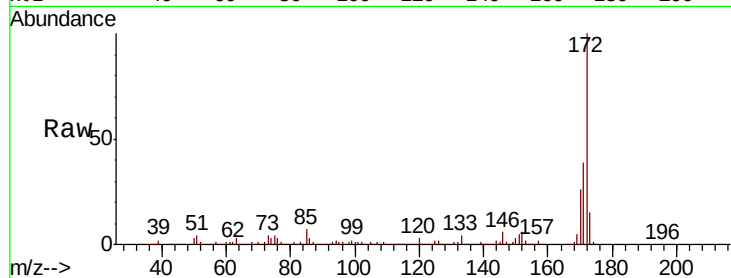




#45
 2-Fluorobiphenyl
 Concen: 74.890 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

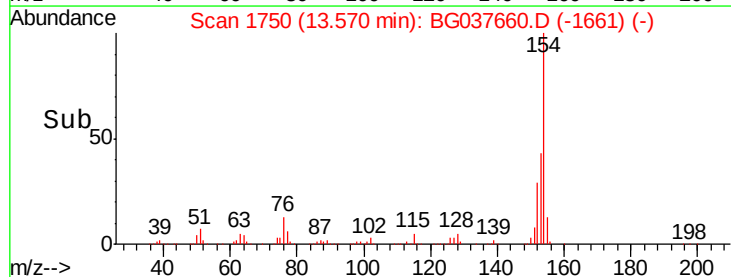
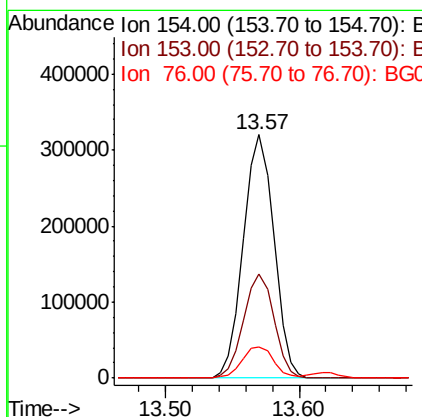
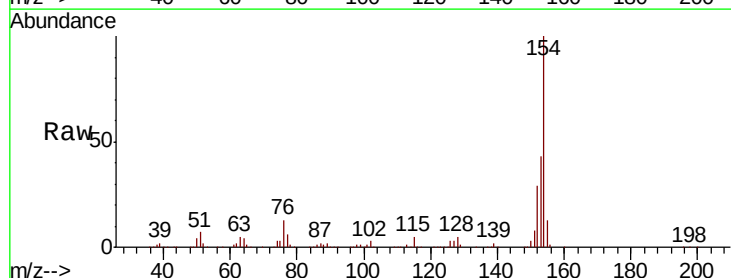
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

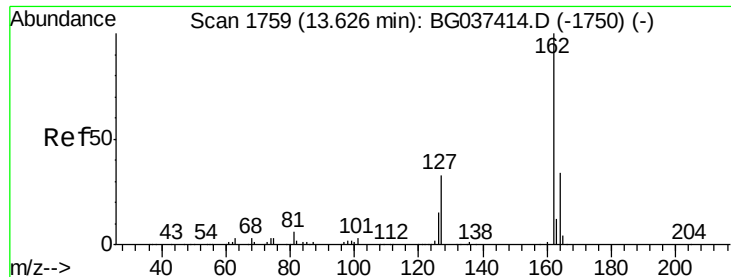
Tgt Ion:172 Resp: 815418
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 25.5 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 37.321 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion:154 Resp: 507477
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.1 62.1
 76 12.7 0.0 33.2

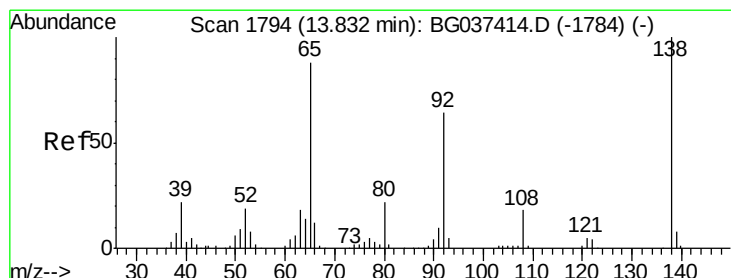
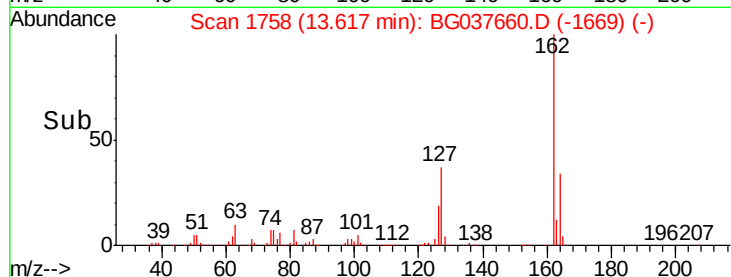
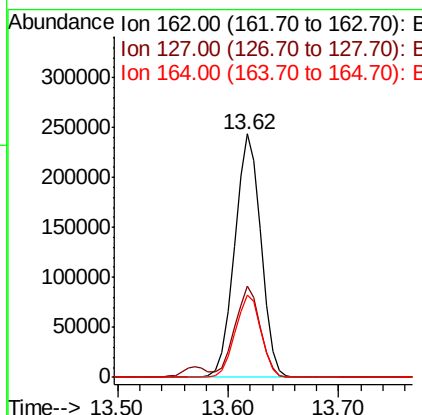
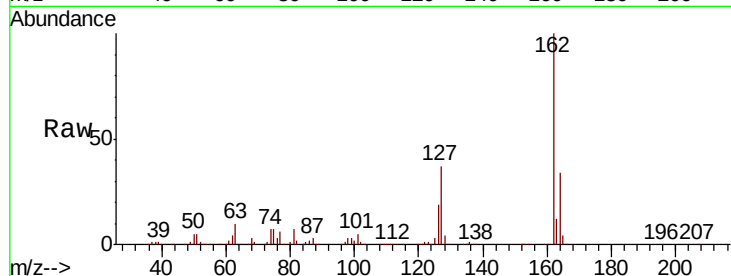




#47
 2-Chloronaphthalene
 Concen: 39.409 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

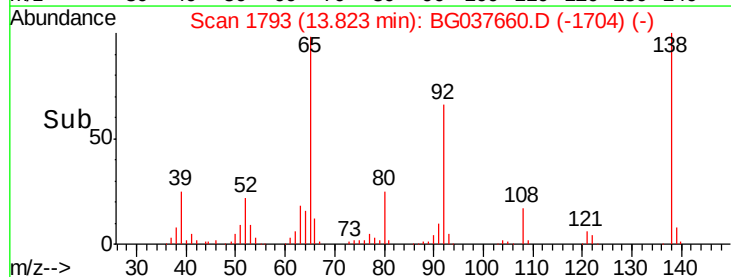
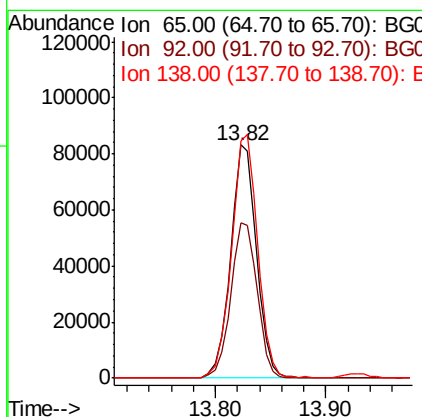
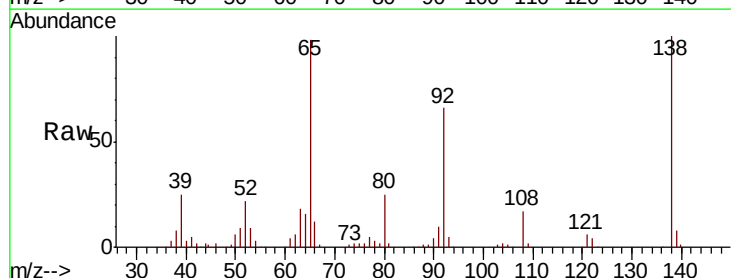
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

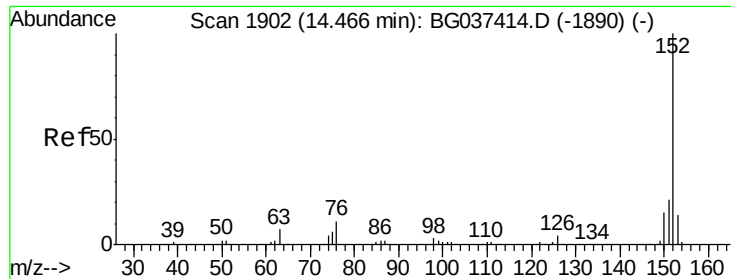
Tgt Ion: 162 Resp: 405404
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.5 45.7
 164 33.9 26.4 39.6



#48
 2-Nitroaniline
 Concen: 43.833 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion: 65 Resp: 136742
 Ion Ratio Lower Upper
 65 100
 92 66.6 53.2 79.8
 138 101.7 79.3 118.9





#49

Acenaphthylene

Concen: 43.608 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

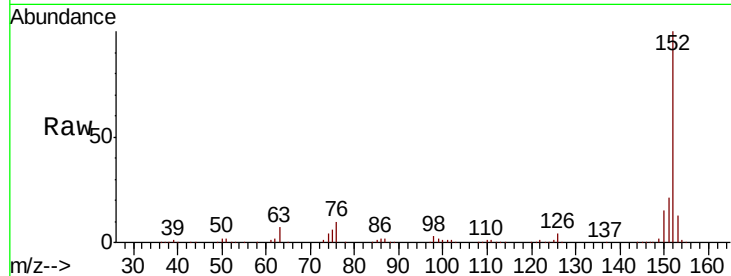
Tgt Ion:152 Resp: 674820

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

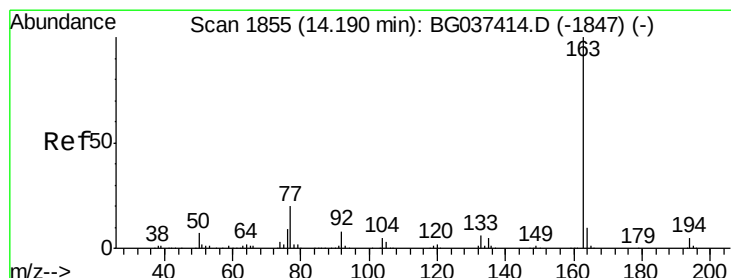
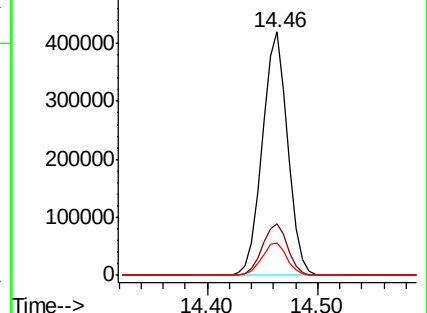
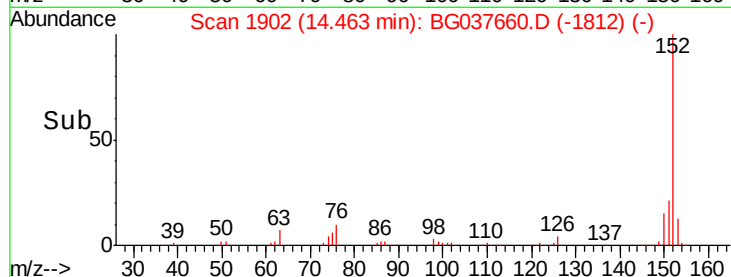
153 13.5 11.1 16.7



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: 41.992 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

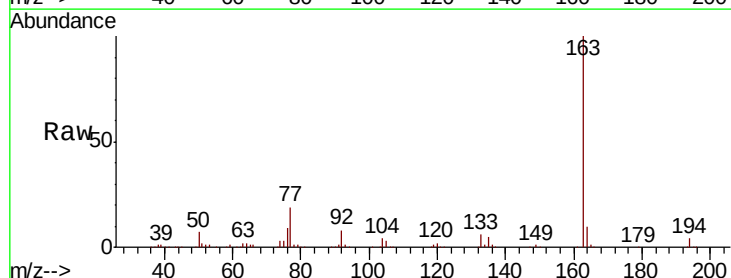
Tgt Ion:163 Resp: 533382

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

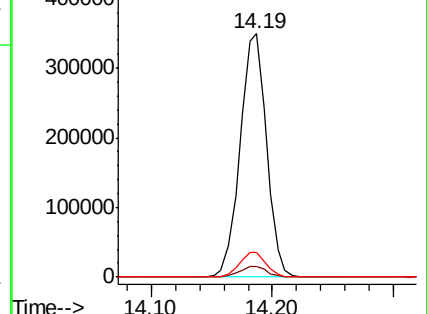
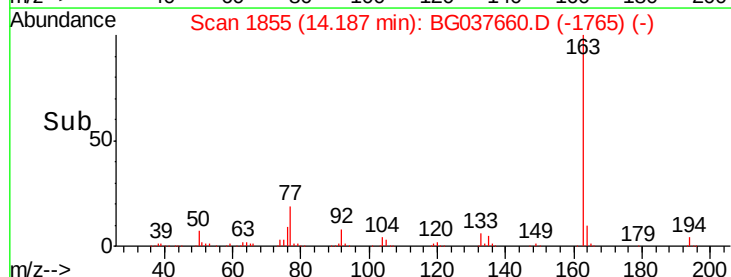
164 10.2 8.5 12.7

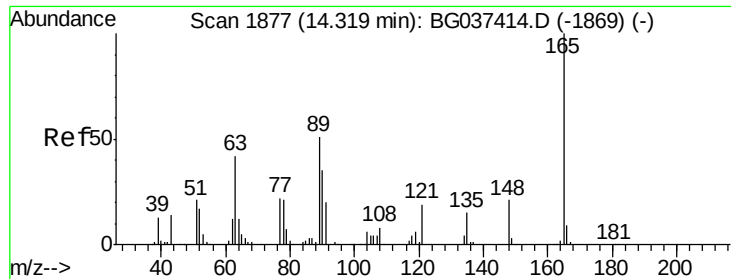


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.449 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

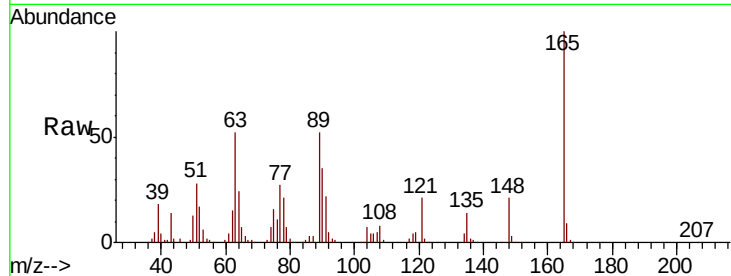
Tgt Ion:165 Resp: 122089

Ion Ratio Lower Upper

165 100

63 52.0 43.4 65.2

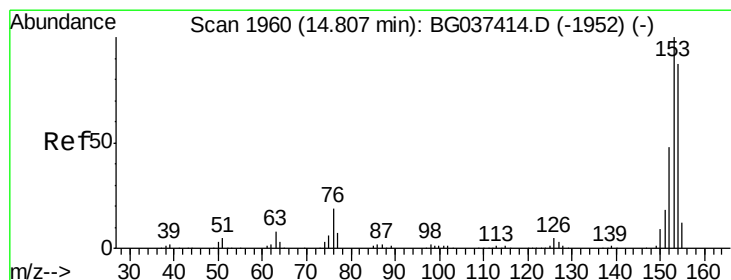
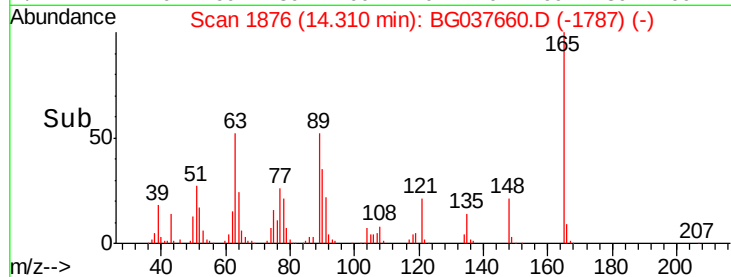
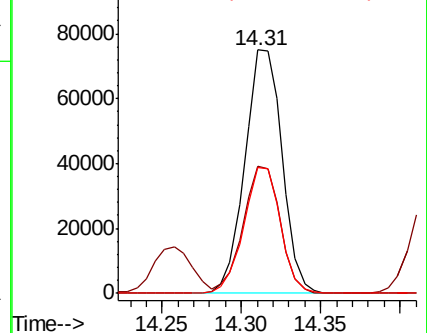
89 51.6 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.716 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

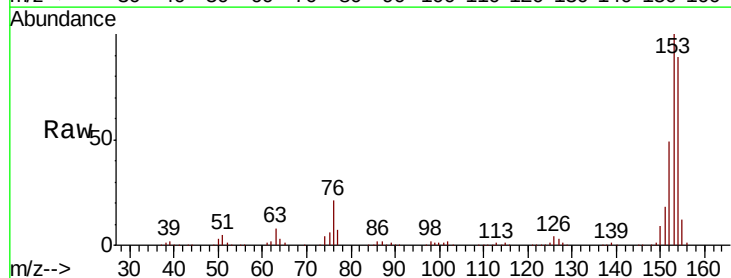
Tgt Ion:154 Resp: 388037

Ion Ratio Lower Upper

154 100

153 111.9 93.4 140.0

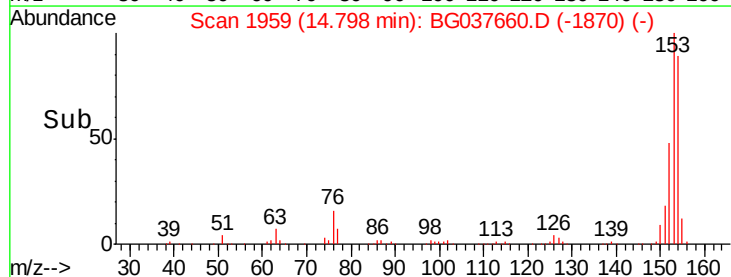
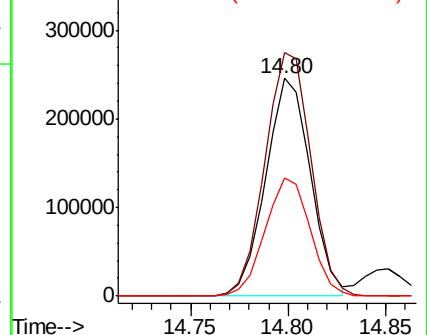
152 54.5 44.7 67.1

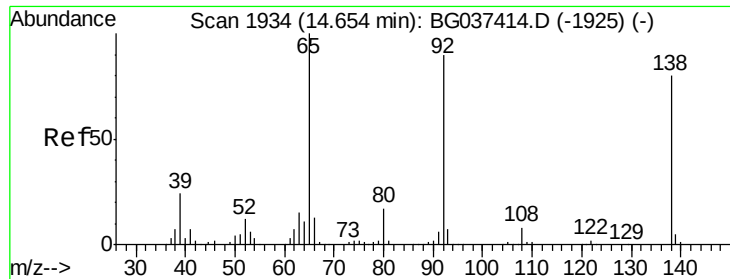


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.113 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

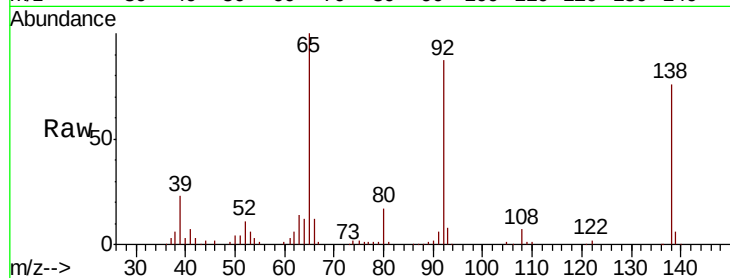
Tgt Ion:138 Resp: 103291

Ion Ratio Lower Upper

138 100

108 9.3 11.0 16.6#

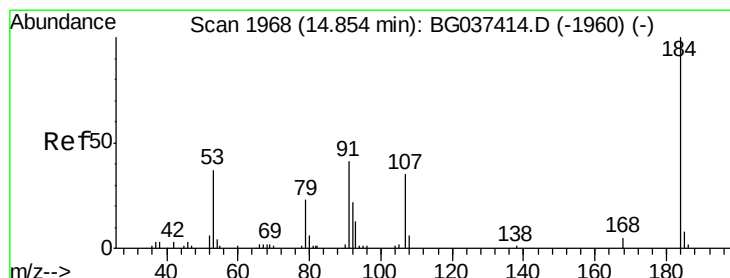
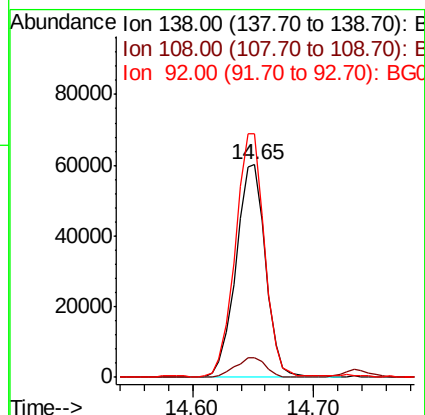
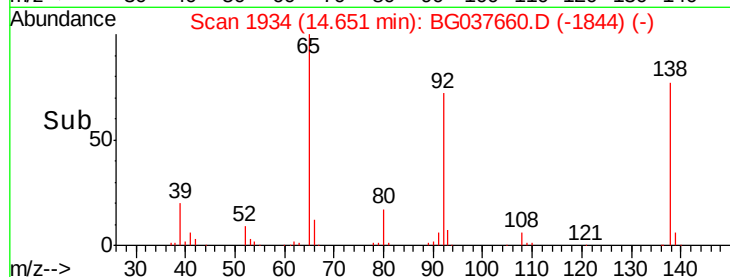
92 114.6 95.2 142.8



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: 78.015 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

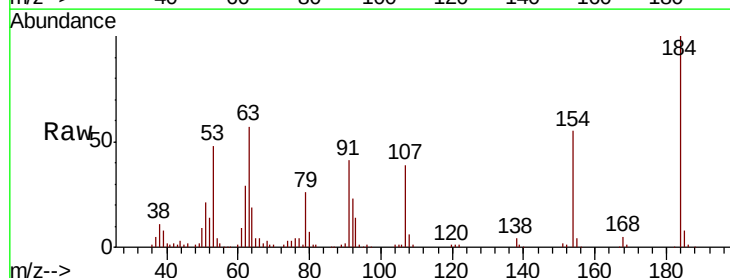
Tgt Ion:184 Resp: 95703

Ion Ratio Lower Upper

184 100

63 56.5 42.6 63.8

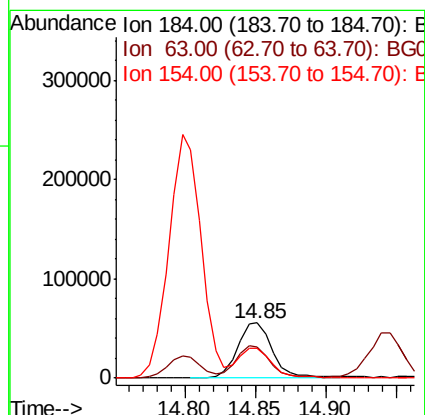
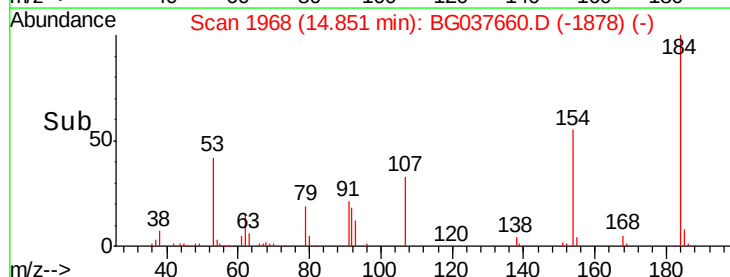
154 55.4 41.8 62.6

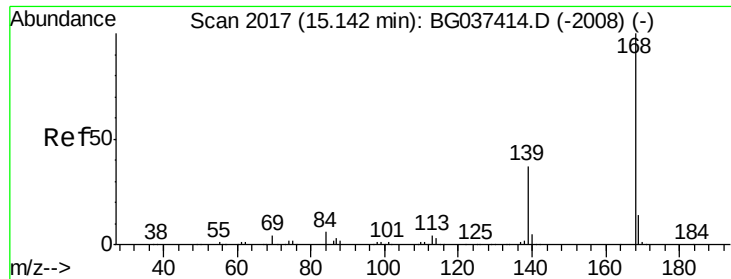


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

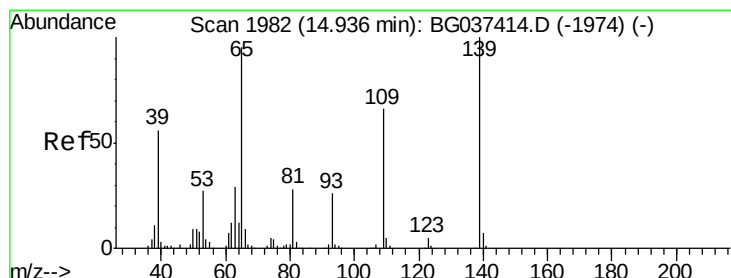
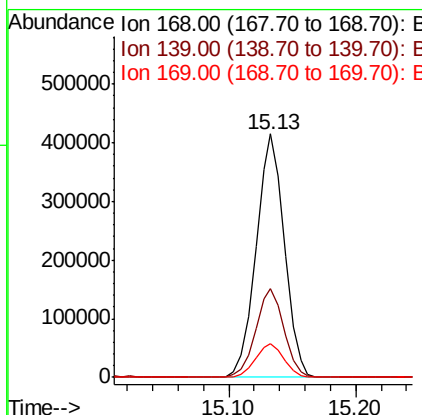
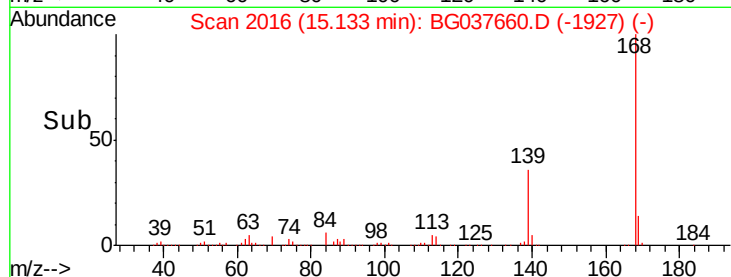
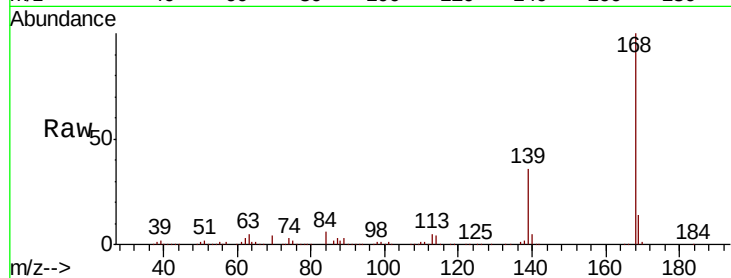




#55
Dibenzofuran
Concen: 40.497 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

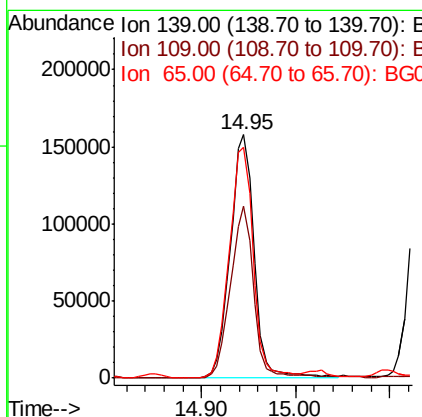
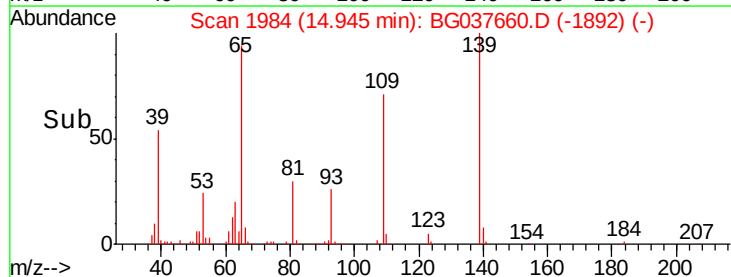
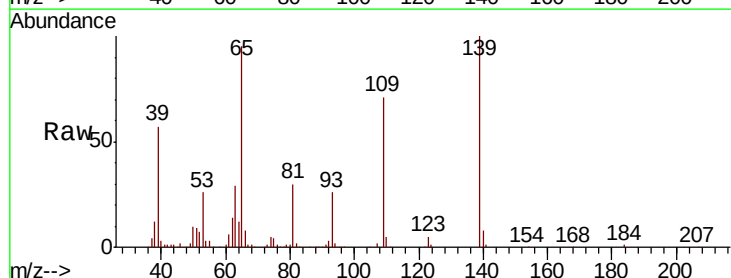
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

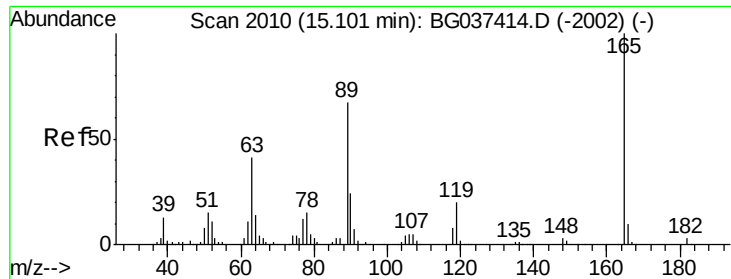
Tgt Ion:168 Resp: 639454
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 121.494 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:139 Resp: 280526
Ion Ratio Lower Upper
139 100
109 70.7 49.5 89.5
65 94.7 76.8 116.8

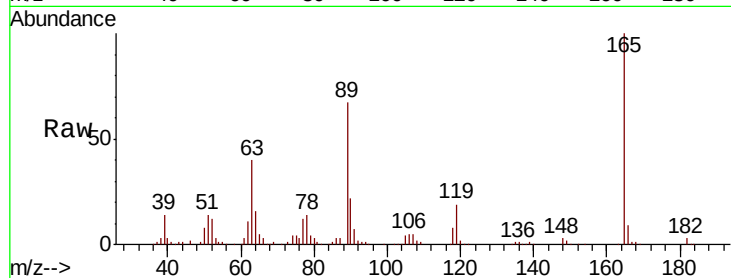




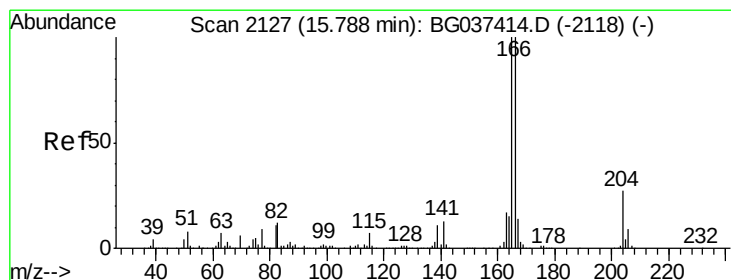
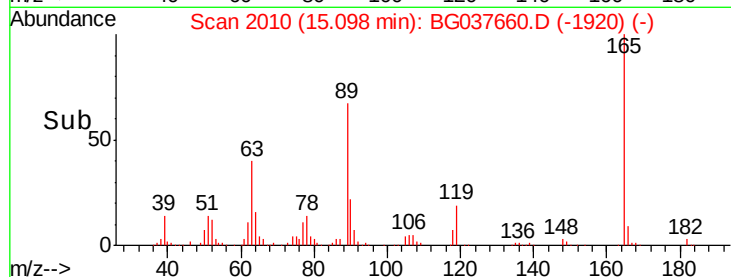
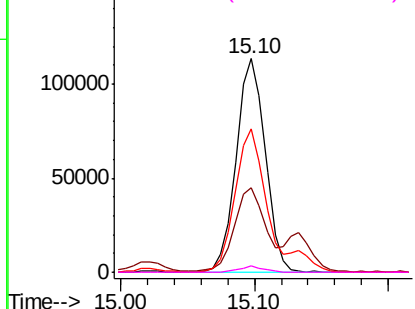
#57
2,4-Dinitrotoluene
Concen: 46.392 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion:	165	Resp:	171116
Ion	Ratio	Lower	Upper
165	100		
63	39.8	33.4	50.0
89	67.2	57.2	85.8
182	3.1	2.6	4.0

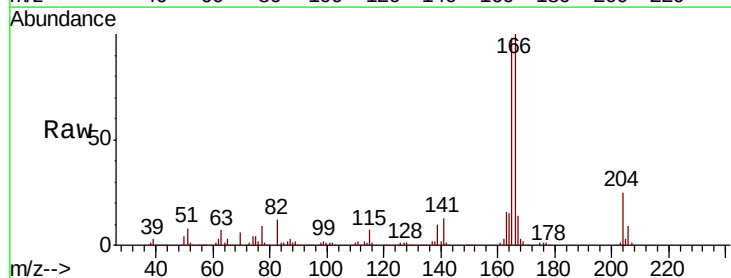


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

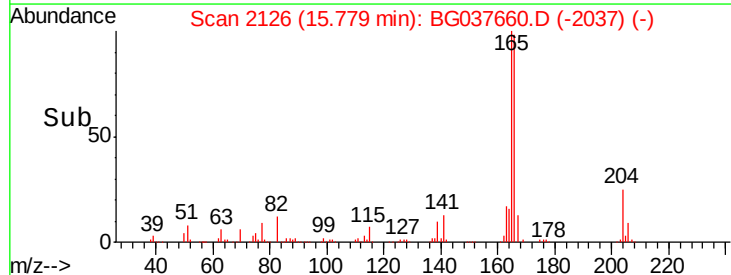
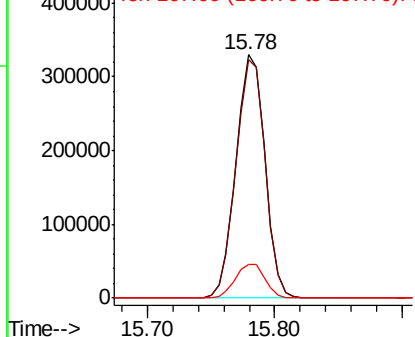


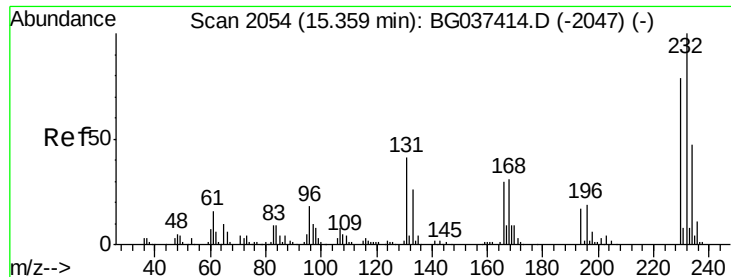
#58
Fluorene
Concen: 44.051 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	166	Resp:	520878
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	13.8	11.3	16.9



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

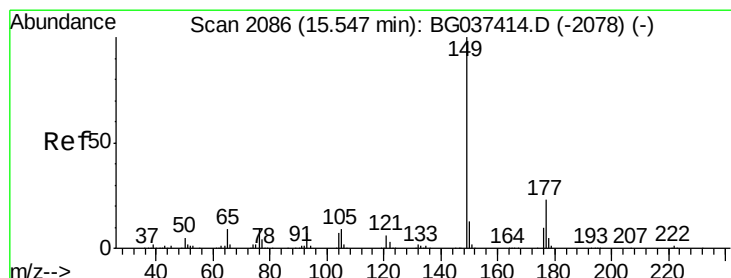
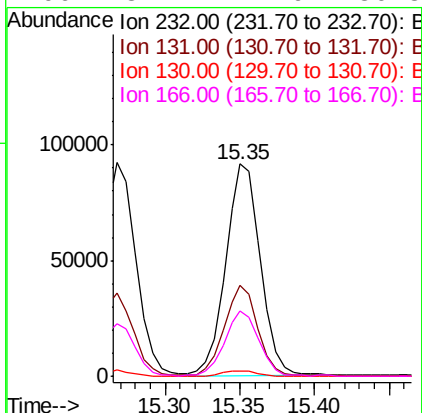
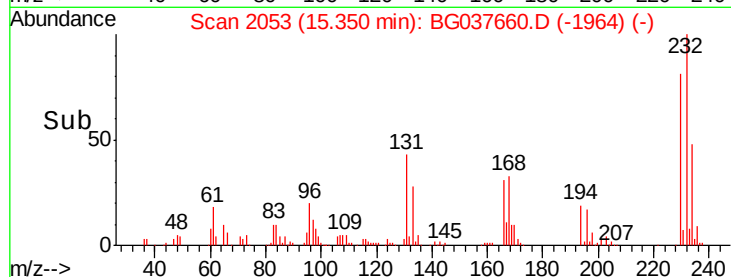
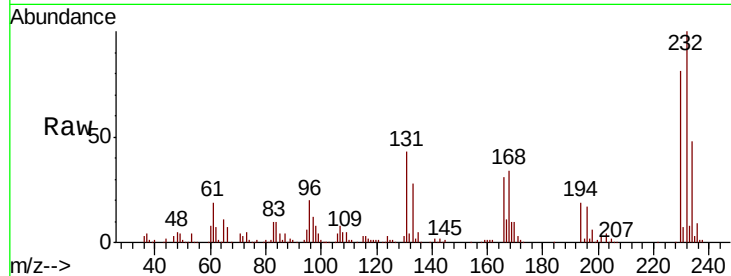




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.709 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

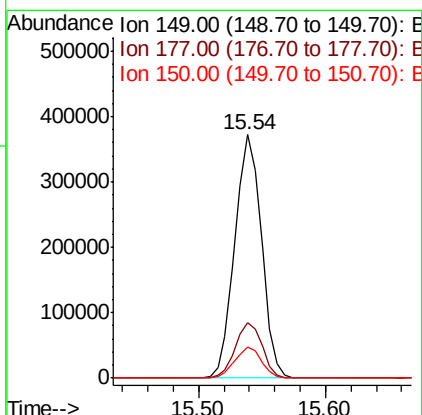
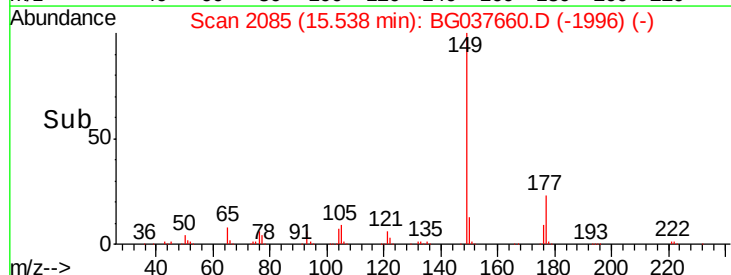
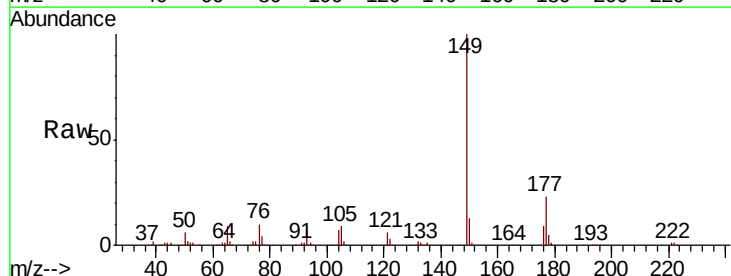
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

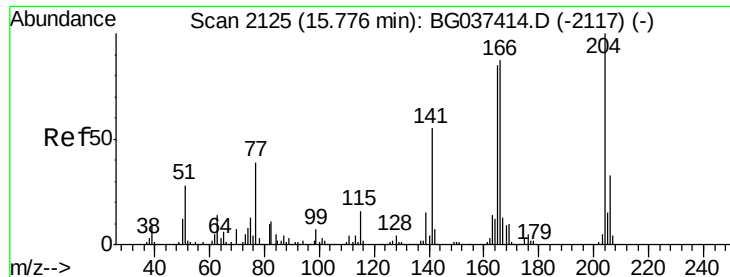
Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.7	50.5
130	2.5	2.1	3.1
166	31.2	24.6	36.8



#60
 Diethylphthalate
 Concen: 41.368 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.9	10.0	15.0

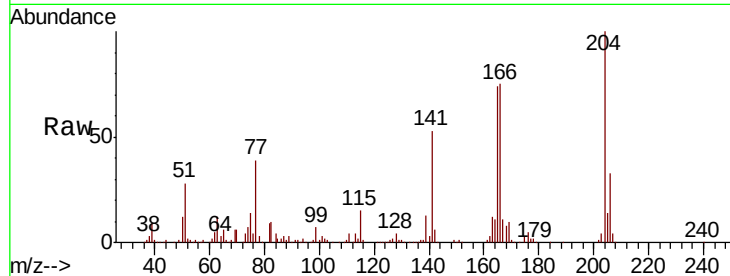




#61
 4-Chlorophenyl-phenylether
 Concen: 39.268 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	53.3	45.4	68.2

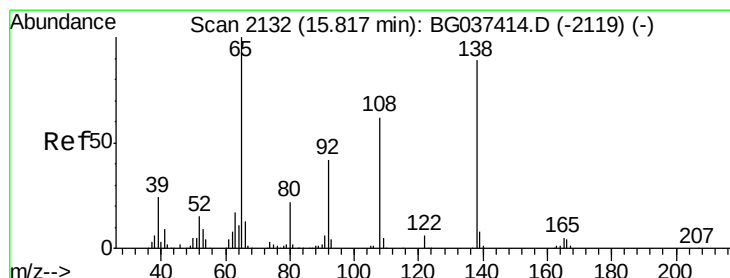
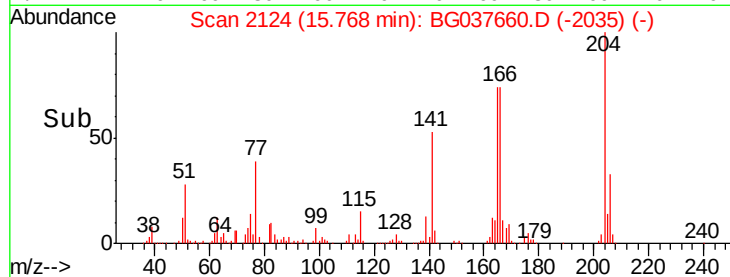
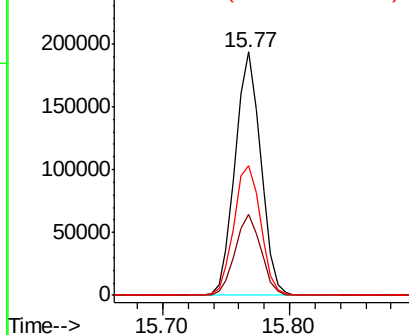


Abundance

Ion 204.00 (203.70 to 204.70): E

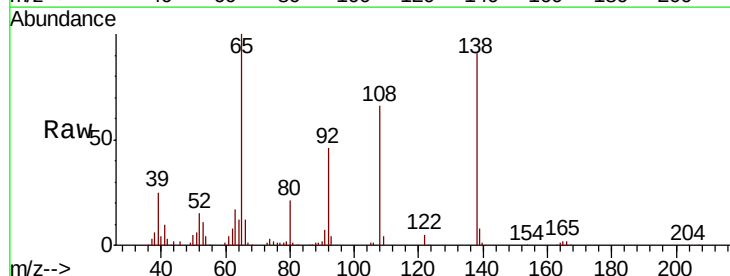
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.078 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	36.4	76.4
108	72.1	60.1	100.1

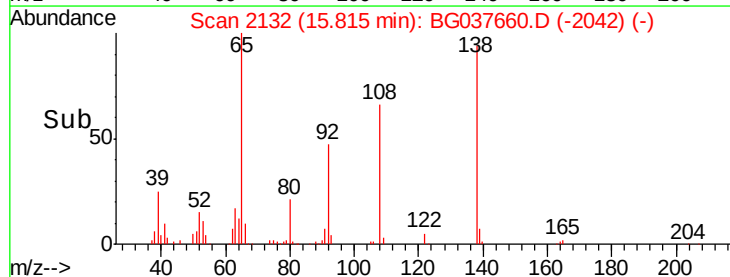
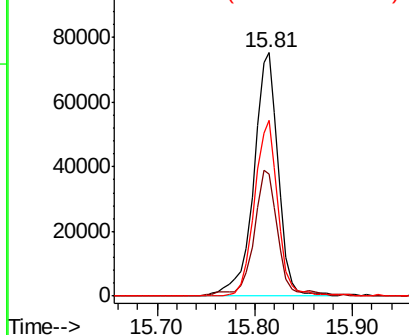


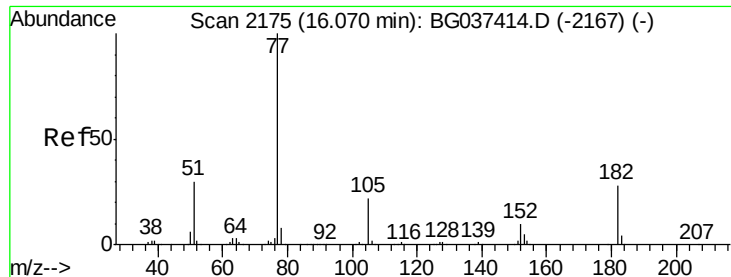
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

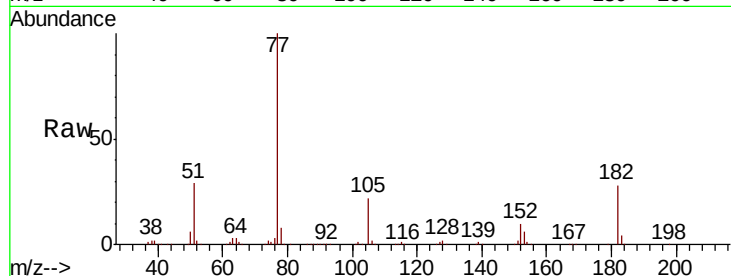




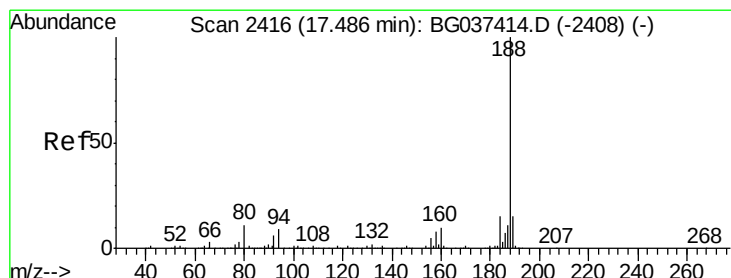
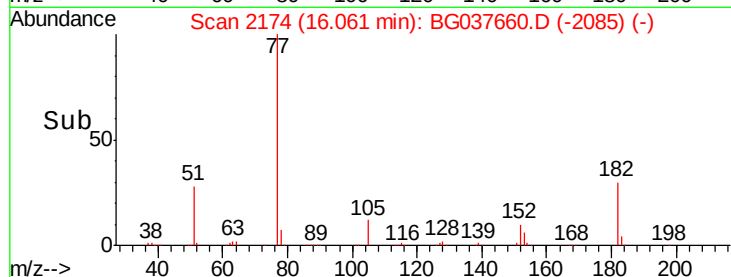
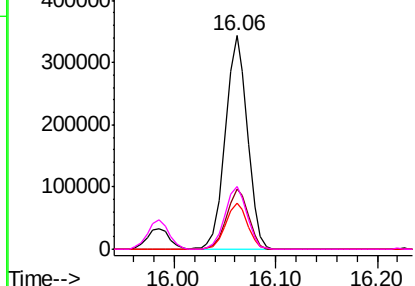
#63
Azobenzene
Concen: 41.420 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion:	77	Resp:	515347
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.0	48.0
105	21.5	1.3	41.3
51	29.4	10.7	50.7

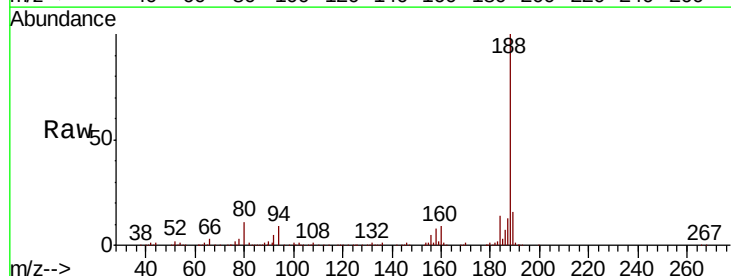


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

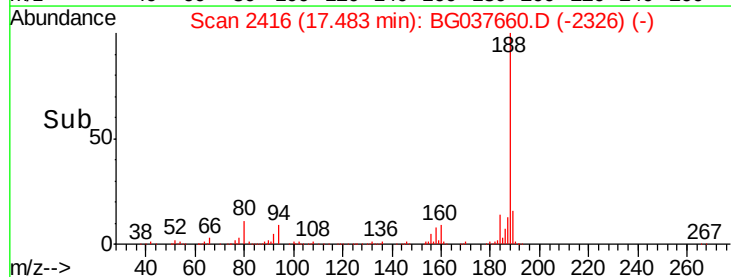
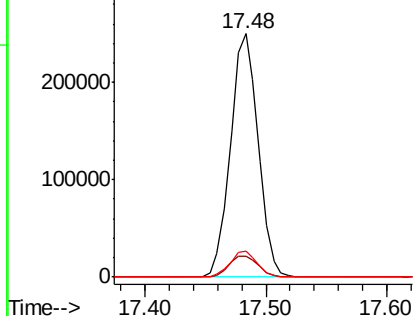


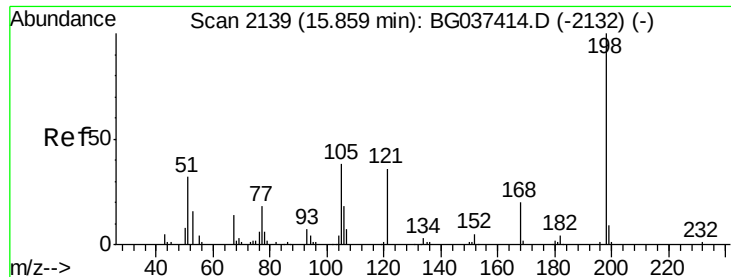
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	188	Resp:	398600
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.7	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: 43.086 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

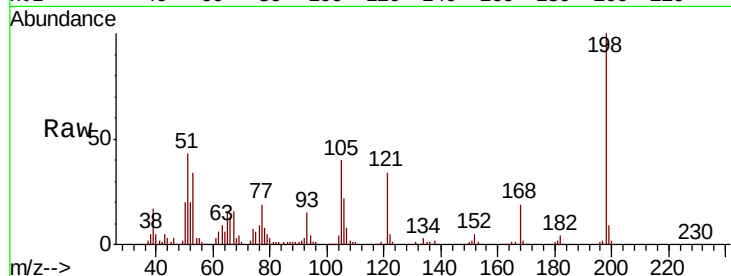
Tgt Ion:198 Resp: 87907

Ion Ratio Lower Upper

198 100

51 42.9 22.7 62.7

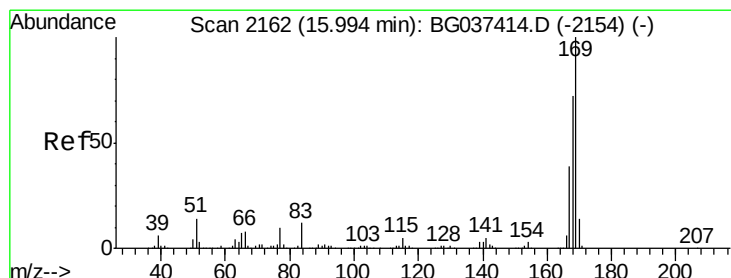
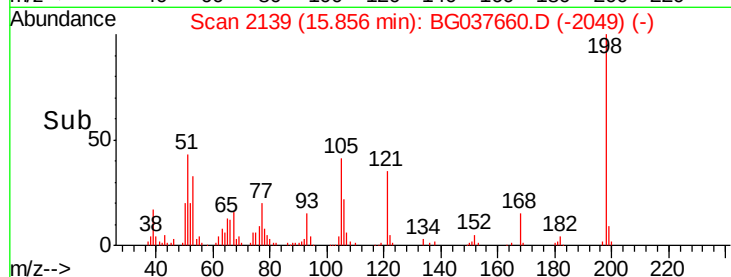
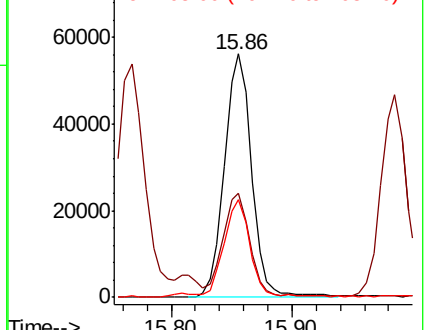
105 40.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037660.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.465 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

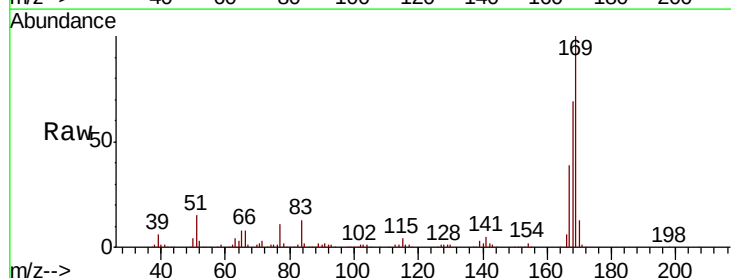
Tgt Ion:169 Resp: 473181

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

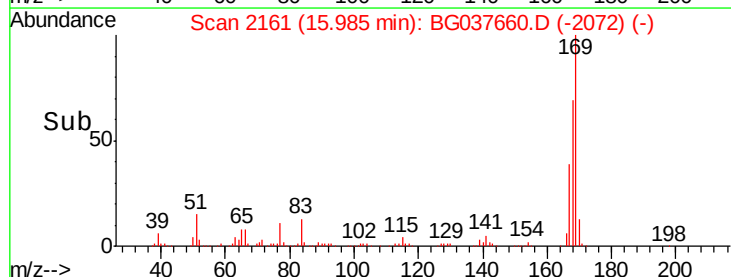
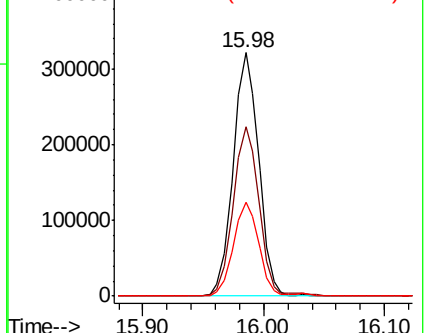
167 38.6 31.3 46.9

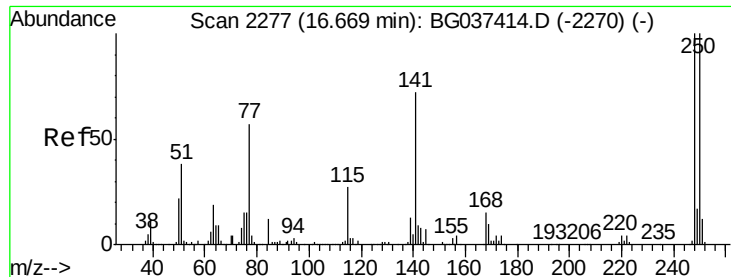


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.092 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

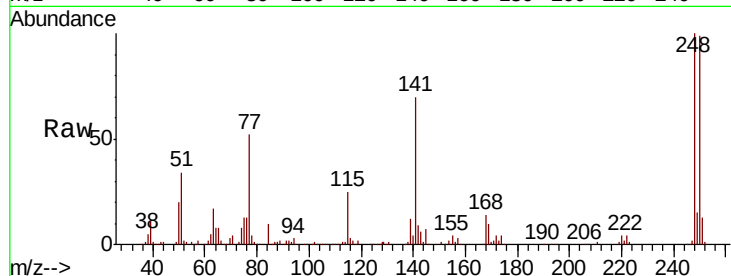
Tgt Ion:248 Resp: 171117

Ion Ratio Lower Upper

248 100

250 99.3 77.0 115.6

141 69.6 55.5 83.3

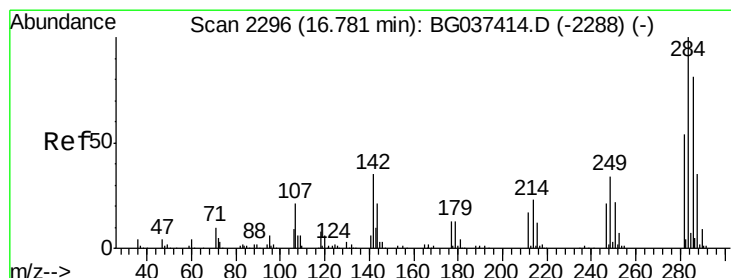
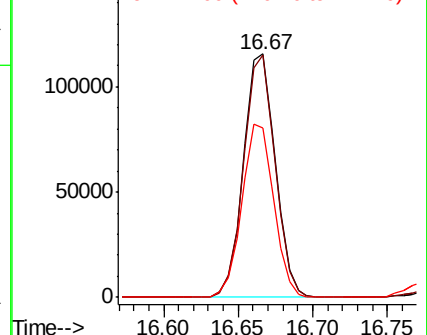
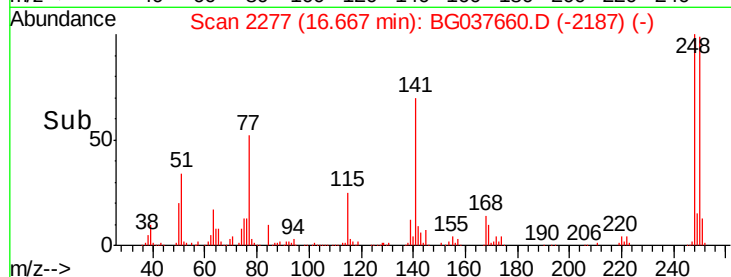


Abundance

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: 38.086 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

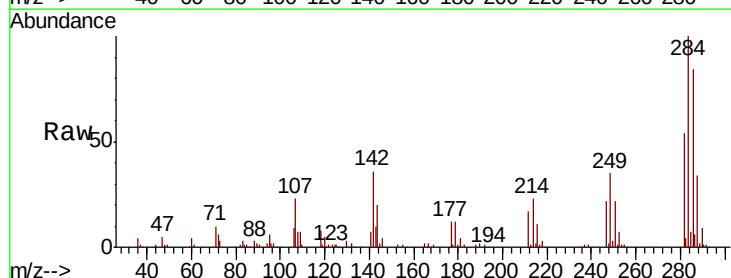
Tgt Ion:284 Resp: 172783

Ion Ratio Lower Upper

284 100

142 35.6 28.1 42.1

249 37.8 29.8 44.8

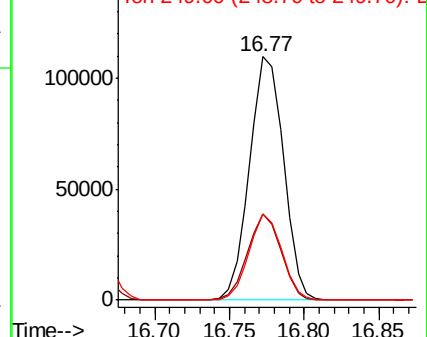
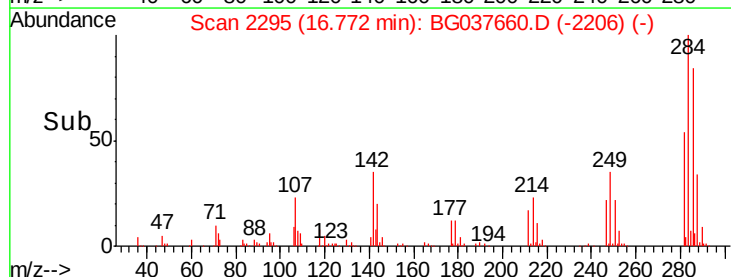


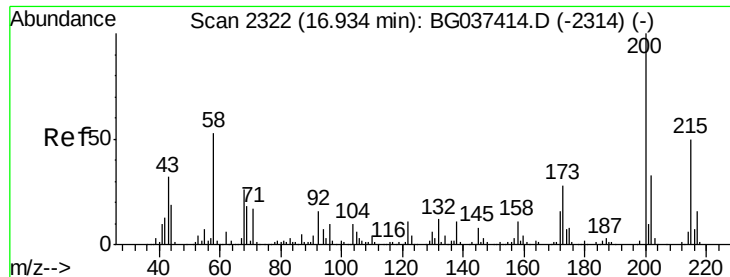
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

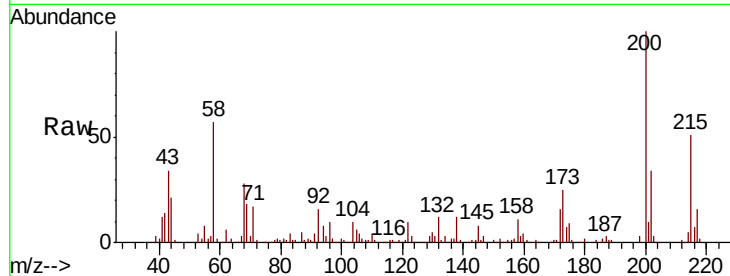




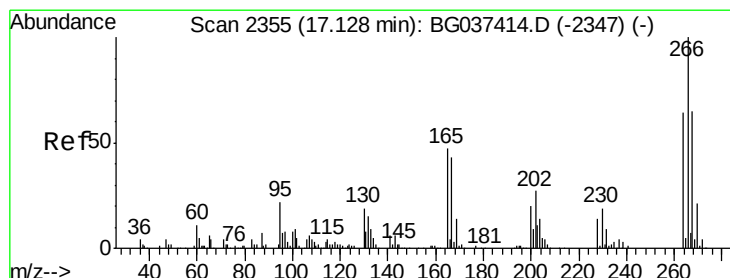
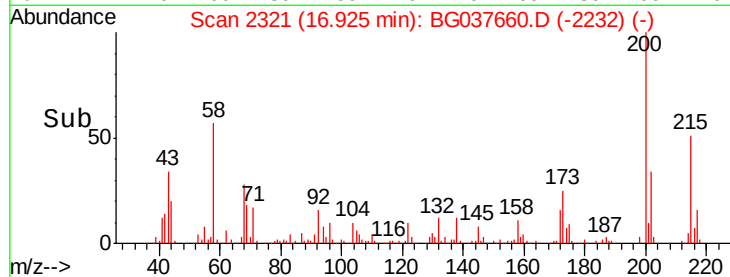
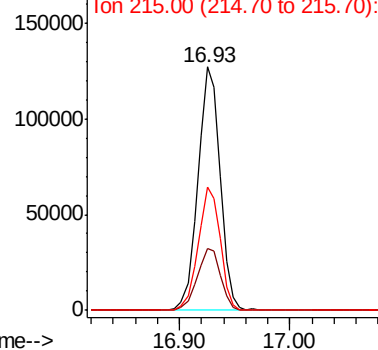
#69
 Atrazine
 Concen: 41.192 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tgt Ion:200 Resp: 178566
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.1 46.1
 215 50.8 30.8 70.8

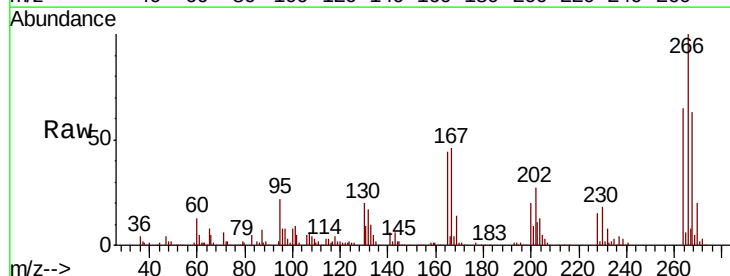


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

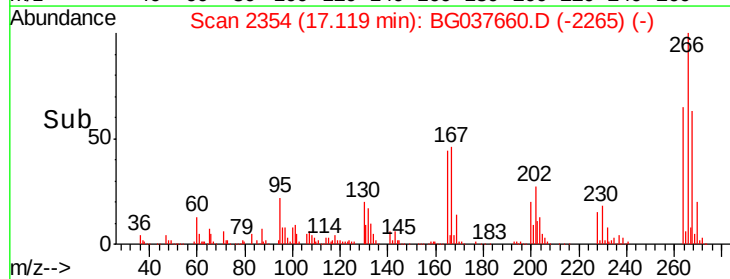
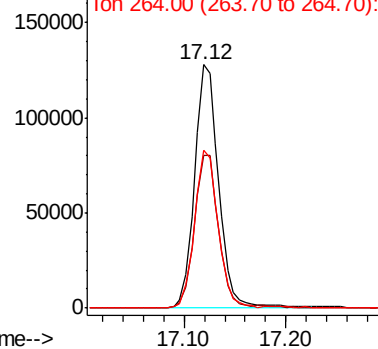


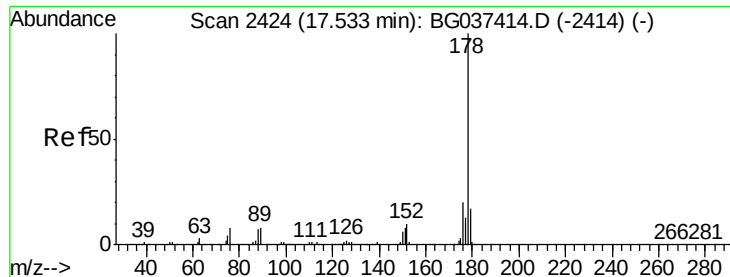
#70
 Pentachlorophenol
 Concen: 69.228 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion:266 Resp: 210371
 Ion Ratio Lower Upper
 266 100
 268 67.9 55.0 82.6
 264 70.4 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

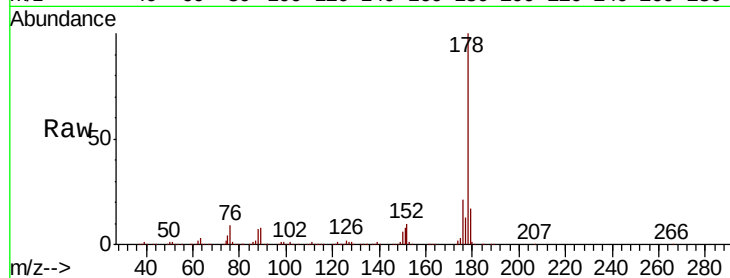




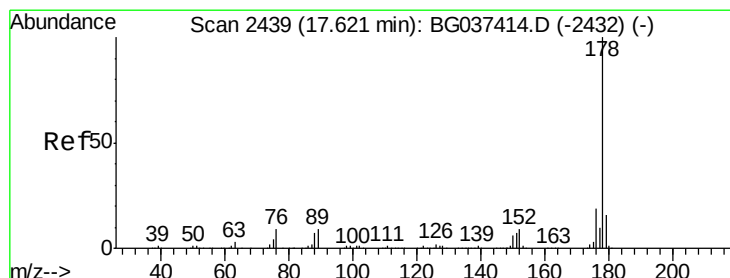
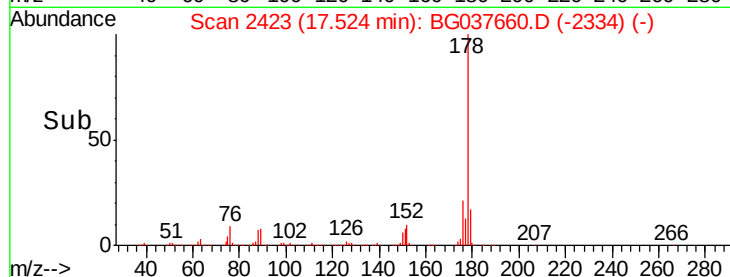
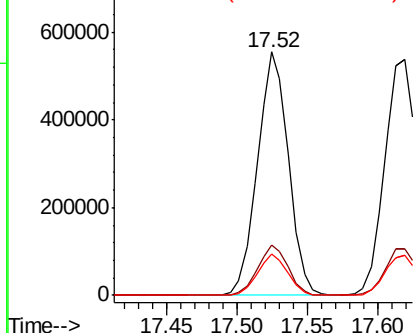
#71
Phenanthrene
Concen: 42.213 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion:178 Resp: 855154
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.0 13.0 19.4

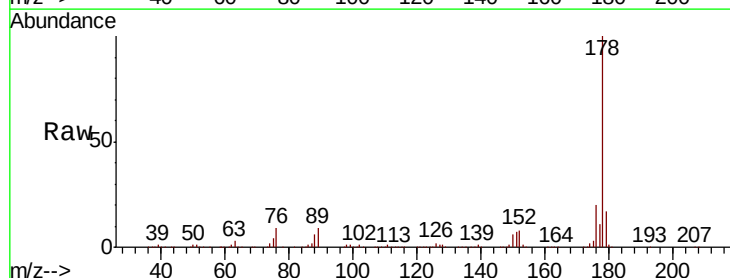


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

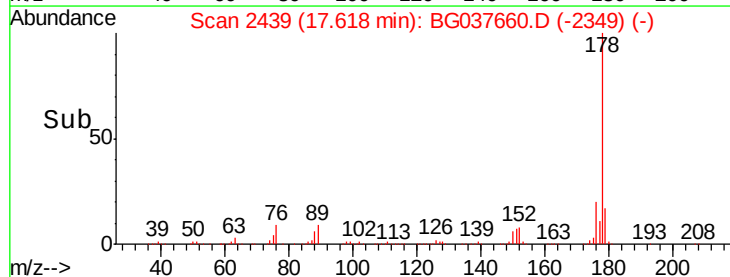
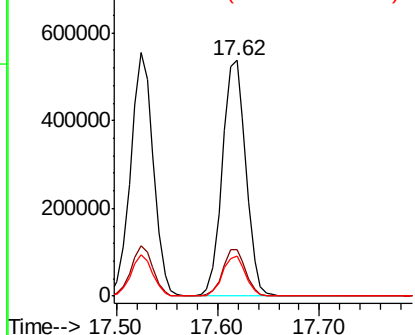


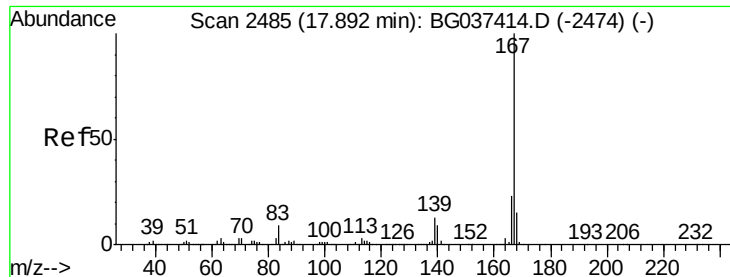
#72
Anthracene
Concen: 43.403 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:178 Resp: 862871
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

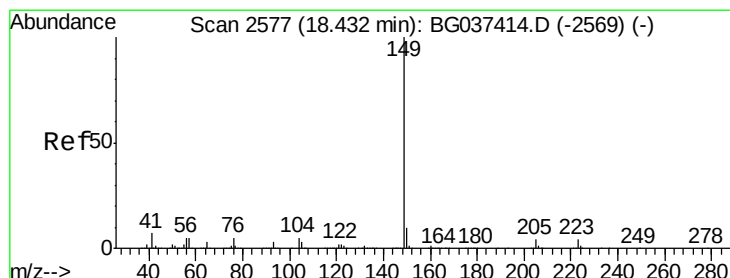
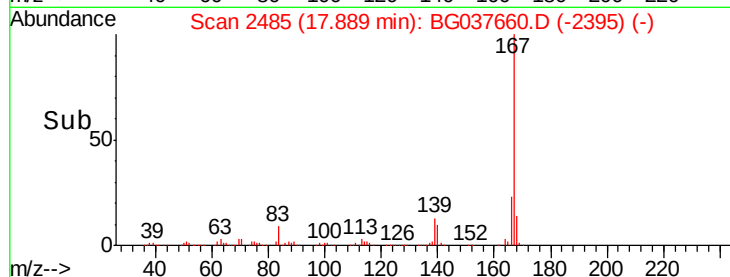
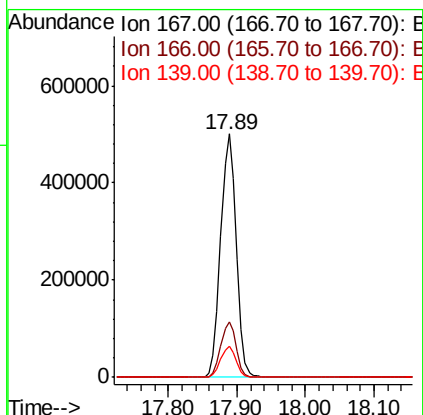
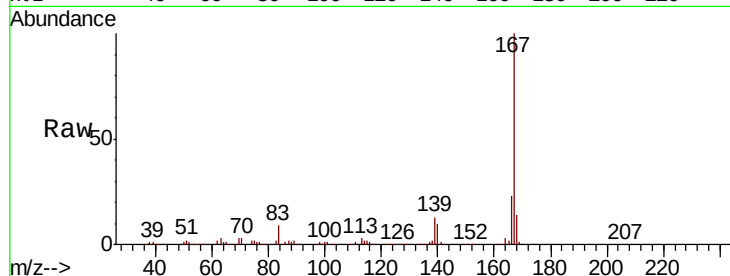




#73
 Carbazole
 Concen: 39.651 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

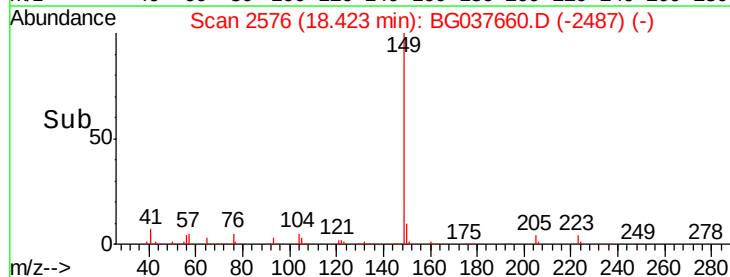
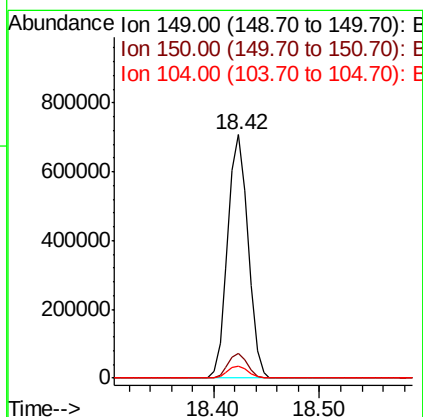
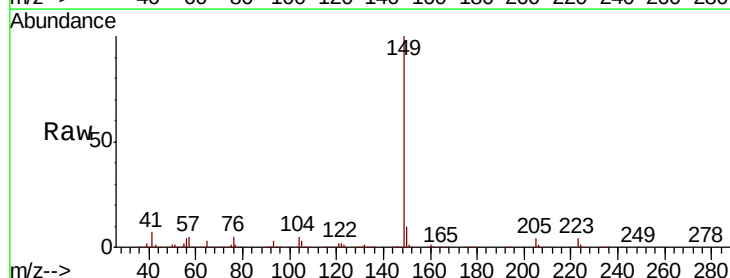
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

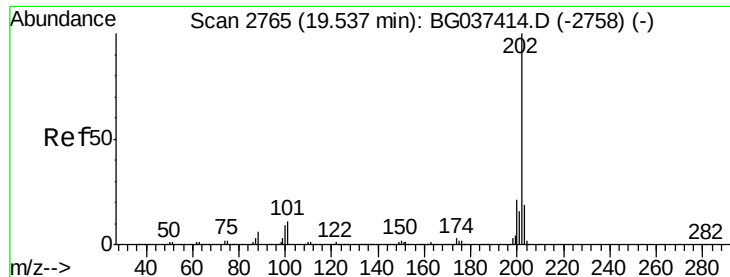
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.0	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 42.669 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 43.261 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

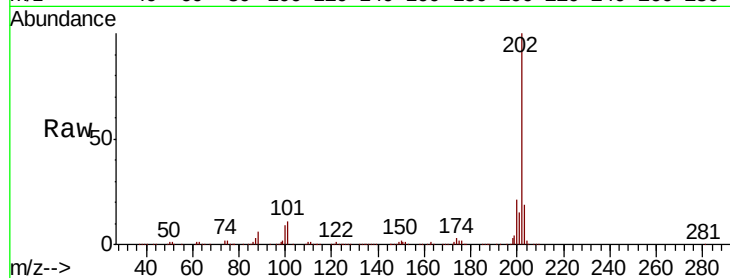
Tgt Ion:202 Resp: 993984

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

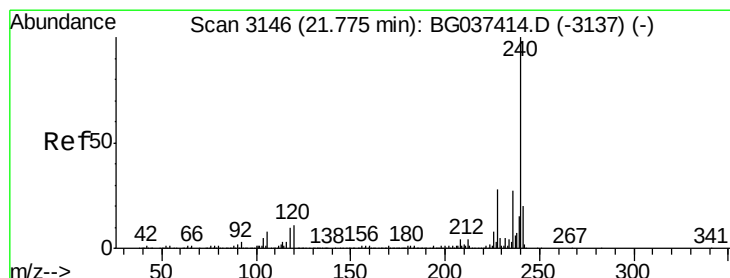
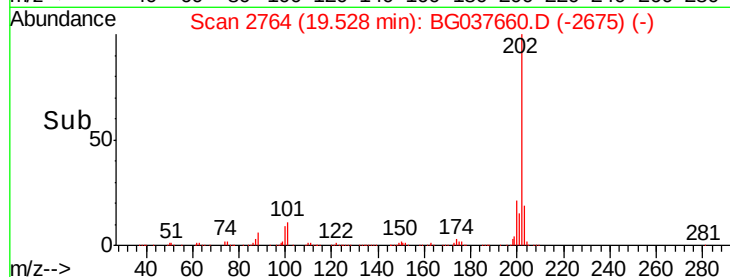
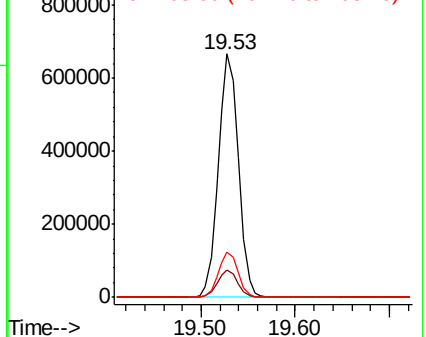
203 18.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

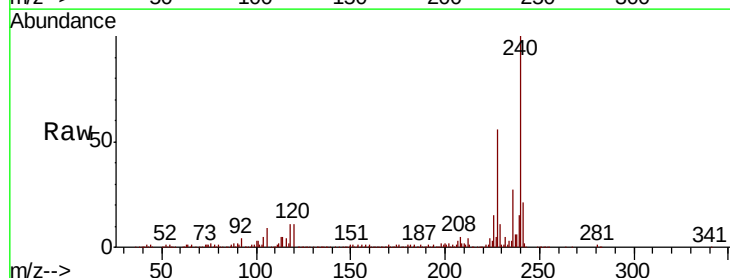
Tgt Ion:240 Resp: 355166

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

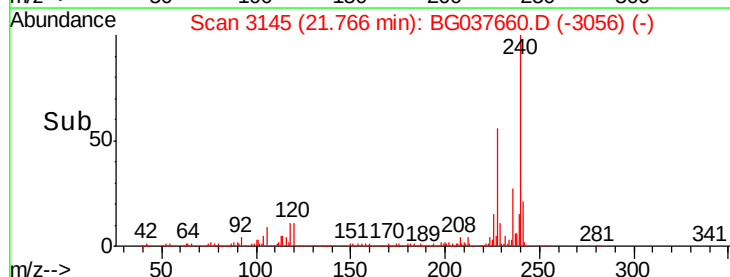
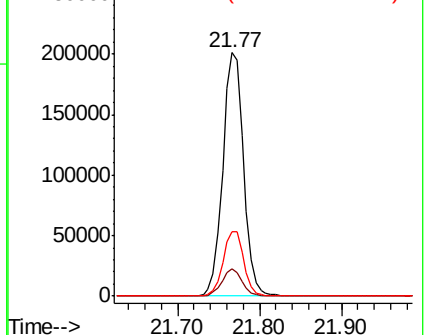
236 26.6 21.4 32.0

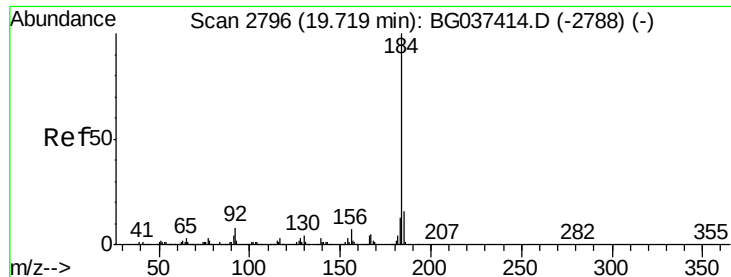


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.926 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

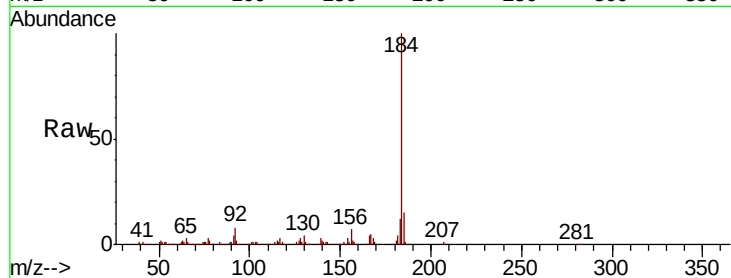
Tgt Ion:184 Resp: 409705

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

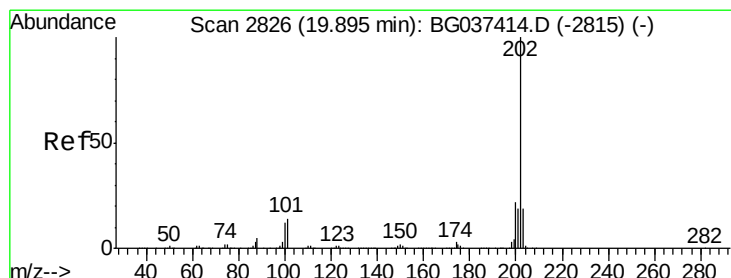
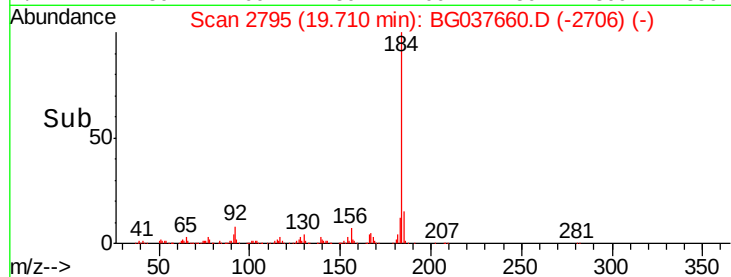
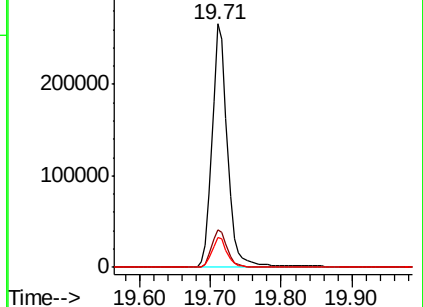
183 12.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.286 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

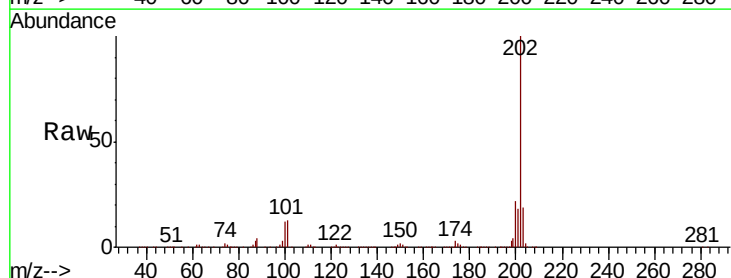
Tgt Ion:202 Resp: 981782

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

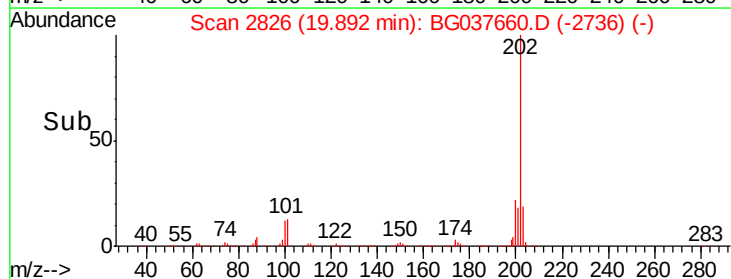
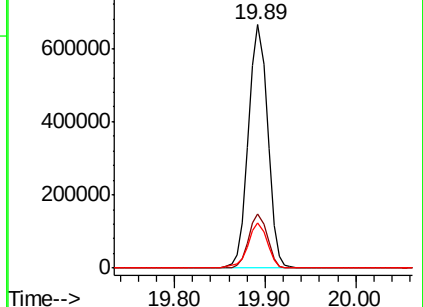
203 18.6 15.2 22.8

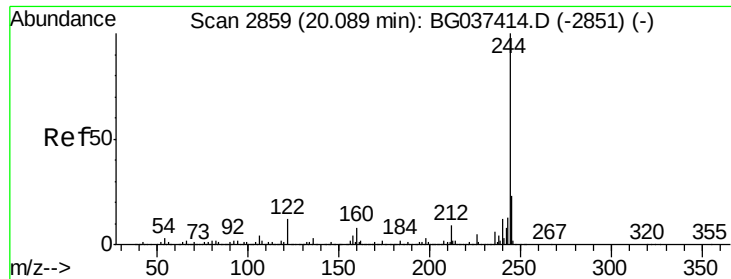


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.940 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

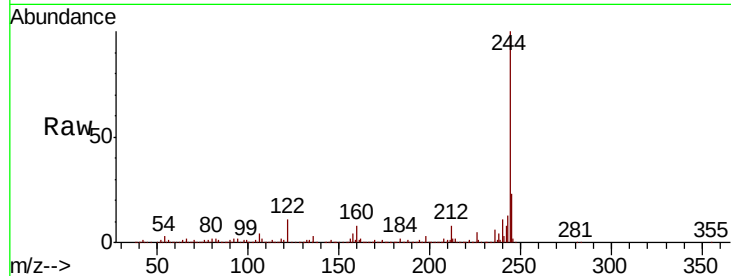
Tgt Ion:244 Resp: 1212388

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

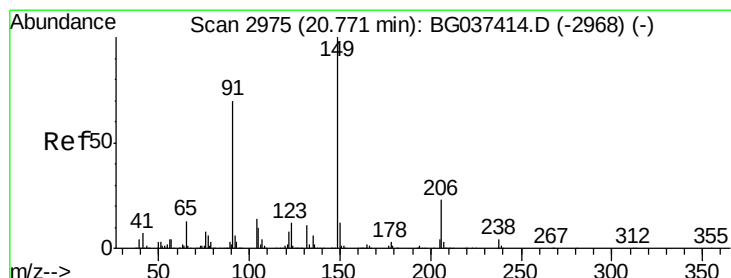
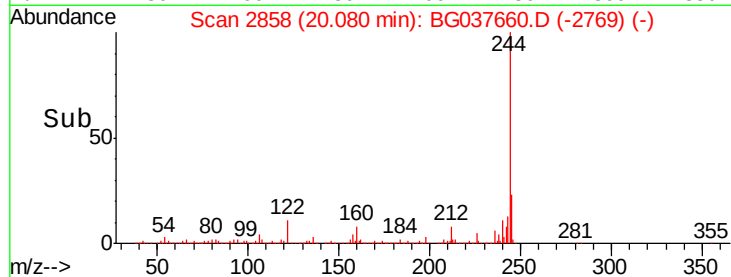
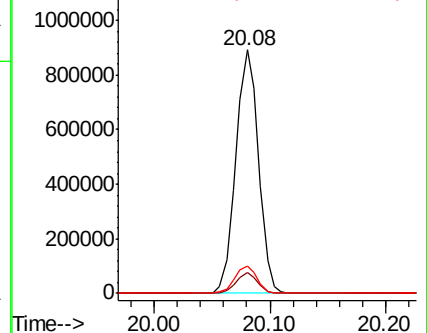
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.622 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

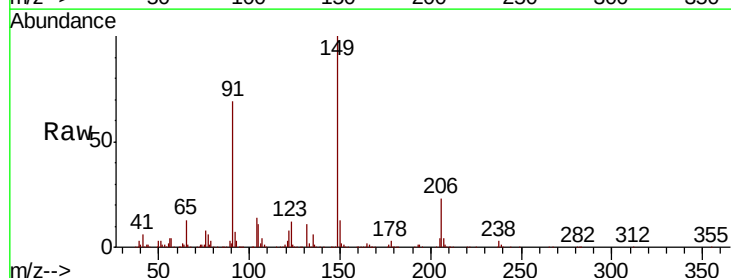
Tgt Ion:149 Resp: 423999

Ion Ratio Lower Upper

149 100

91 69.2 57.0 85.4

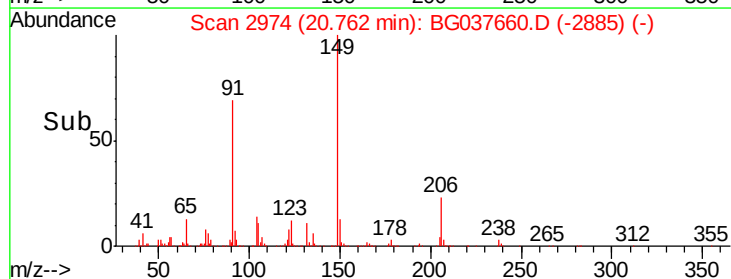
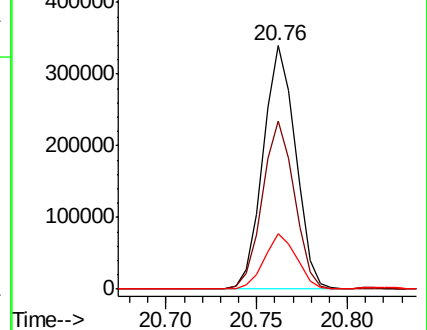
206 22.9 17.8 26.6

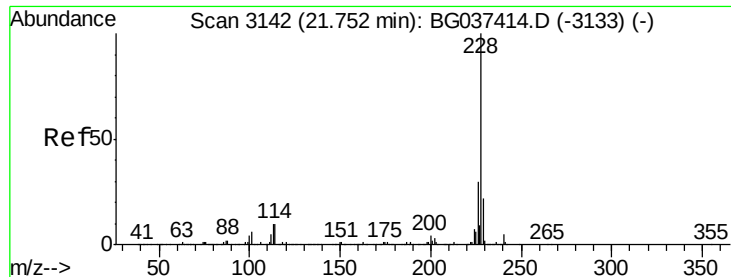


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.881 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

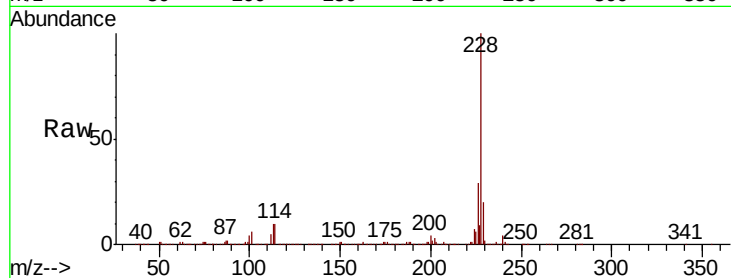
Tgt Ion:228 Resp: 921841

Ion Ratio Lower Upper

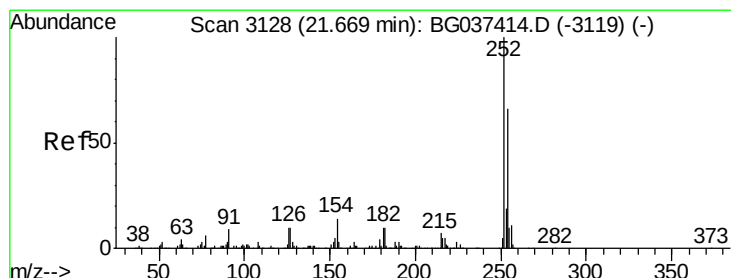
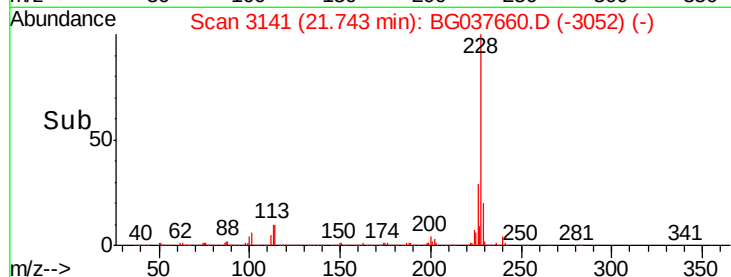
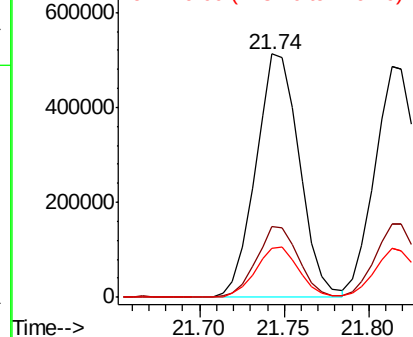
228 100

226 29.1 22.6 33.8

229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.997 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

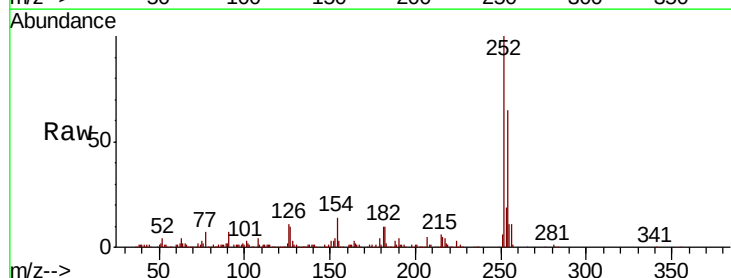
Tgt Ion:252 Resp: 244259

Ion Ratio Lower Upper

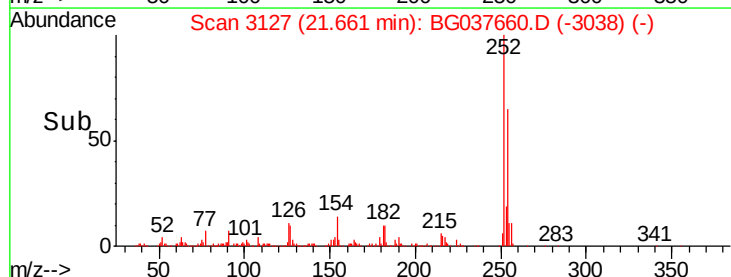
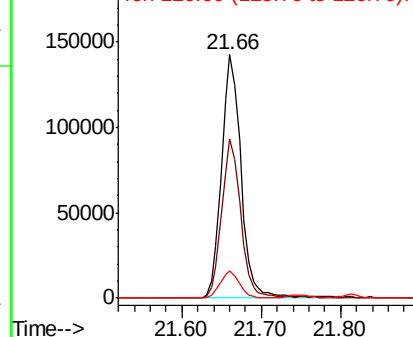
252 100

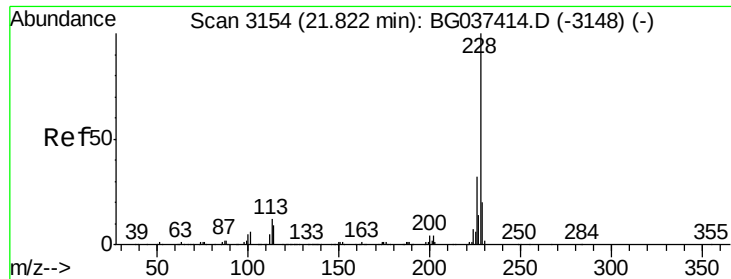
254 65.4 52.0 78.0

126 11.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

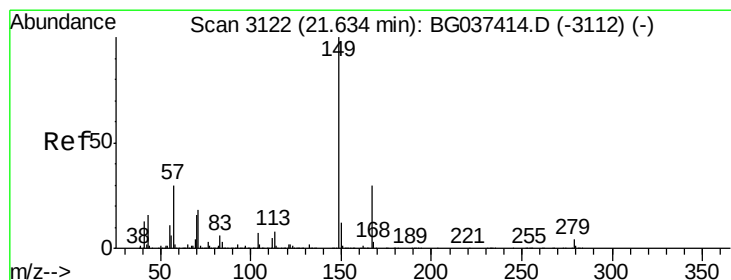
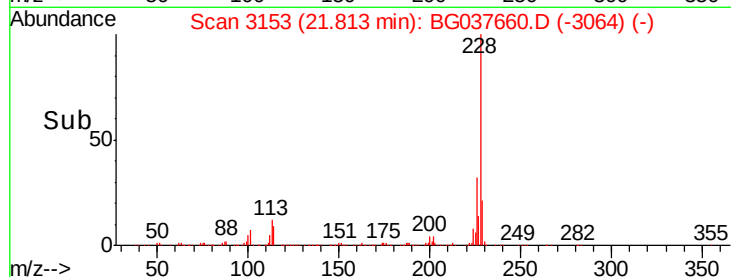
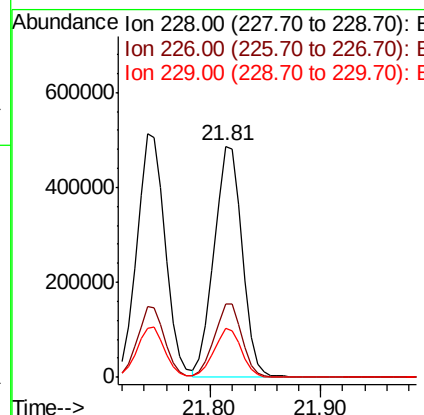
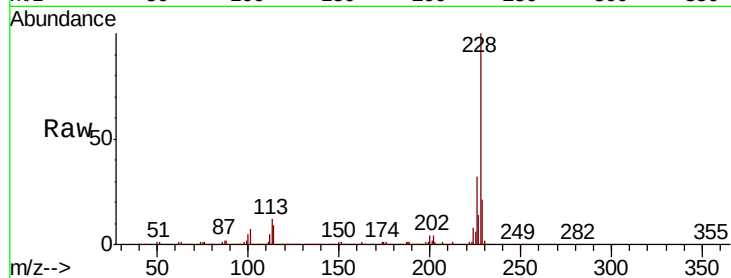




#83
 Chrysene
 Concen: 42.208 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

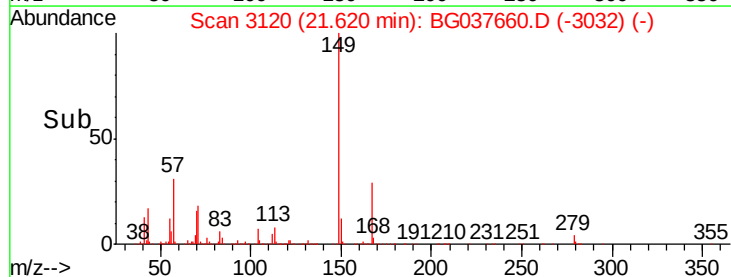
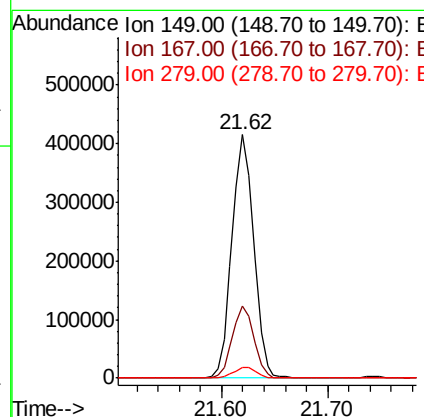
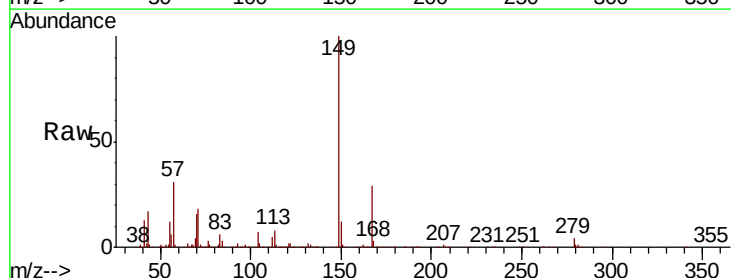
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

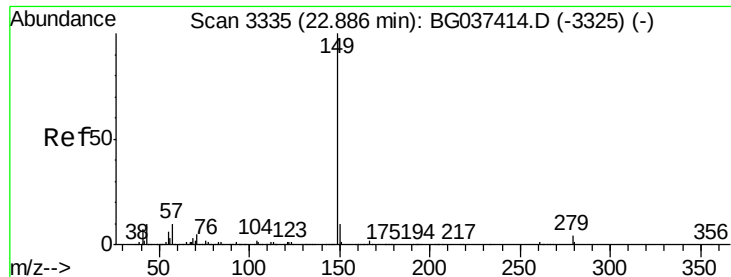
Tgt Ion: 228 Resp: 852612
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.7 38.5
 229 21.0 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.433 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion: 149 Resp: 591813
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.0 34.4
 279 4.4 3.6 5.4

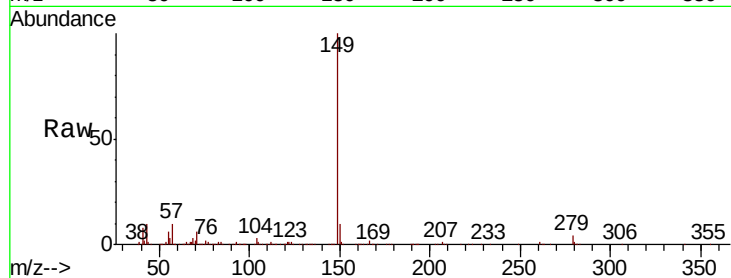




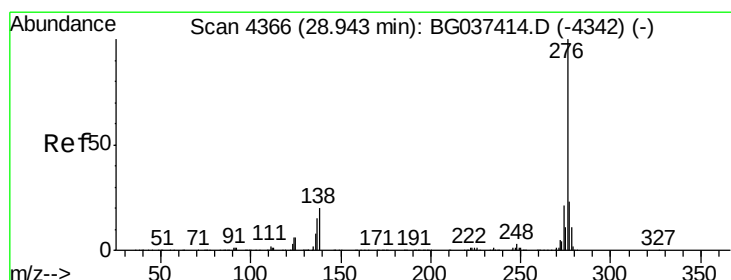
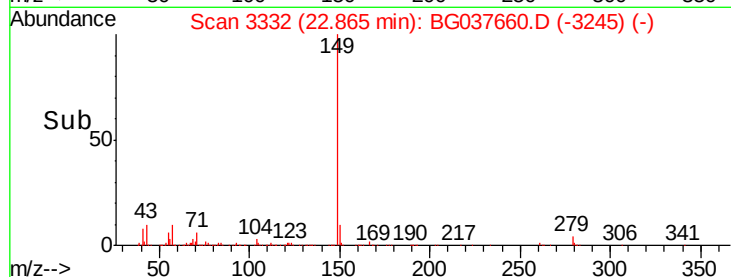
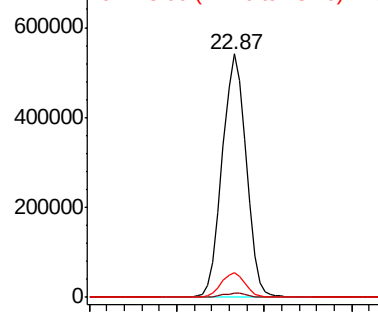
#85
 Di-n-octyl phthalate
 Concen: 46.265 ng
 RT: 22.87 min Scan# 3332
 Delta R.T. -0.02 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tgt Ion:149 Resp: 1004833
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.0 8.7 13.1

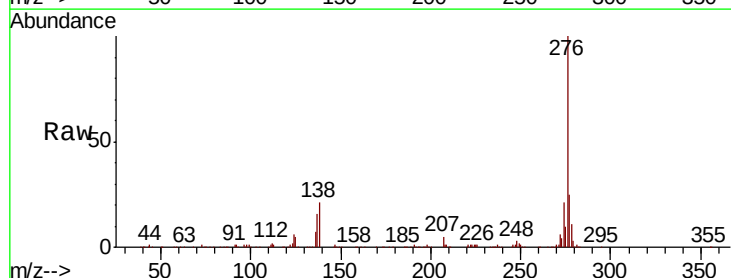


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

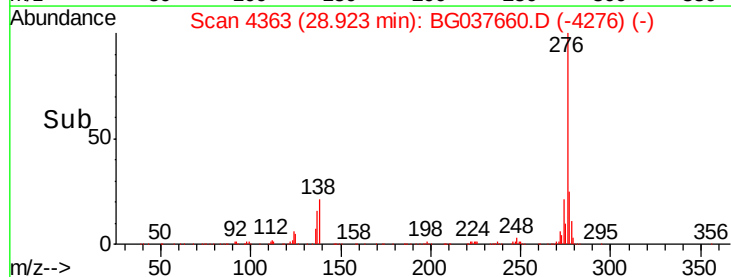
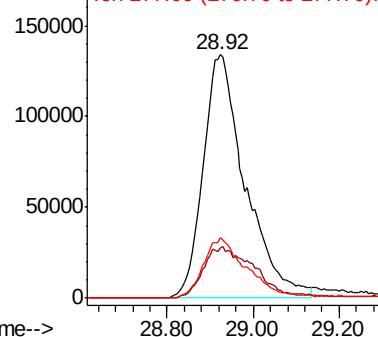


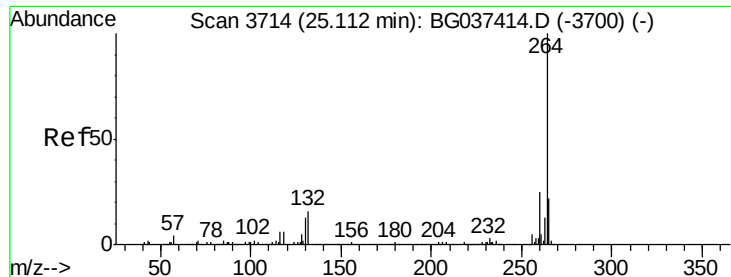
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.233 ng
 RT: 28.92 min Scan# 4363
 Delta R.T. -0.02 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion:276 Resp: 915024
 Ion Ratio Lower Upper
 276 100
 138 25.3 12.0 18.0#
 277 25.5 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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

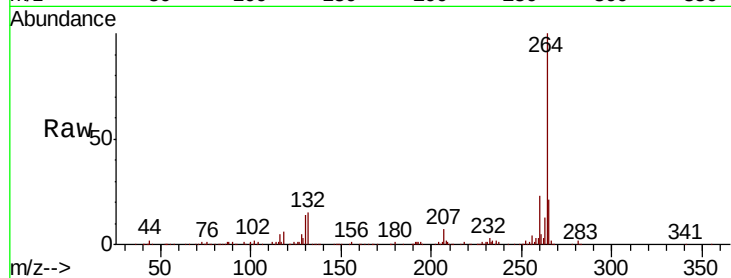
Tgt Ion:264 Resp: 367231

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.2 17.9 26.9

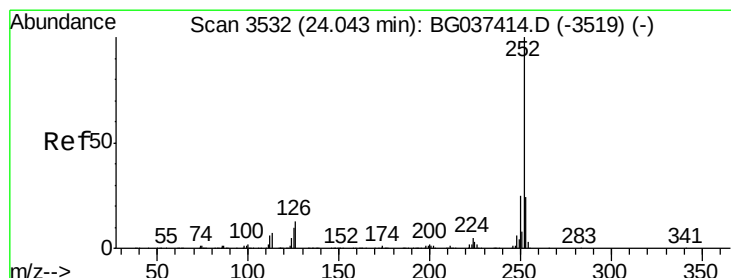
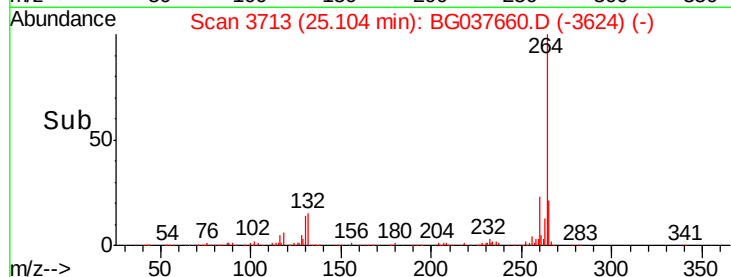
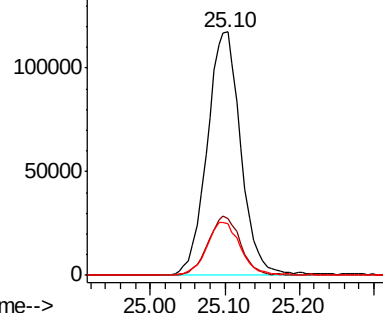


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.918 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

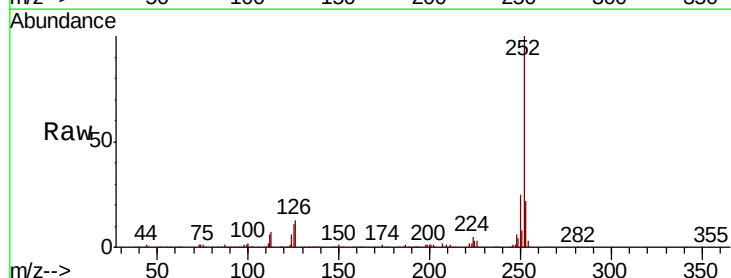
Tgt Ion:252 Resp: 904337

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 10.7 7.8 11.6

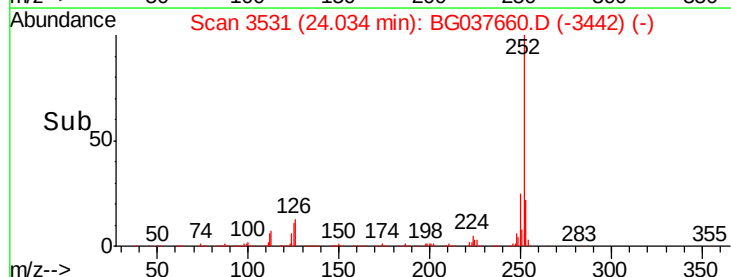
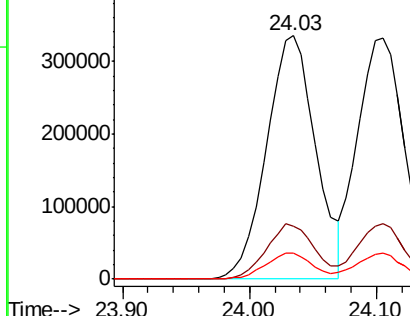


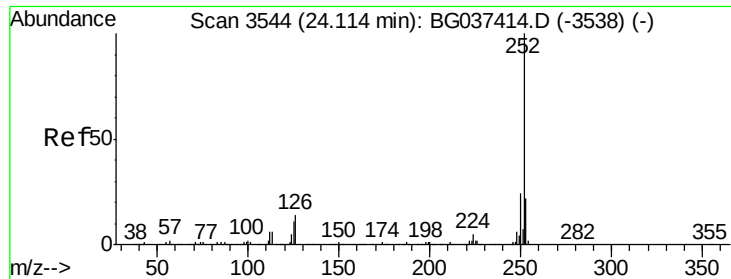
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.601 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

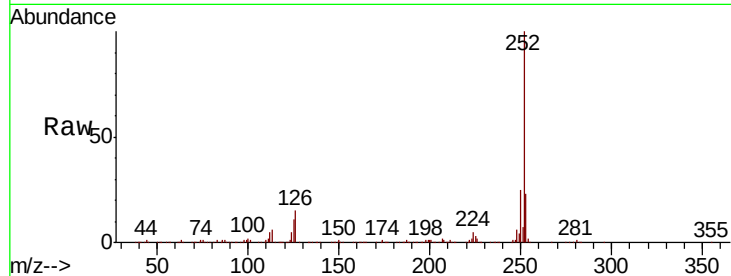
Tgt Ion:252 Resp: 860027

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

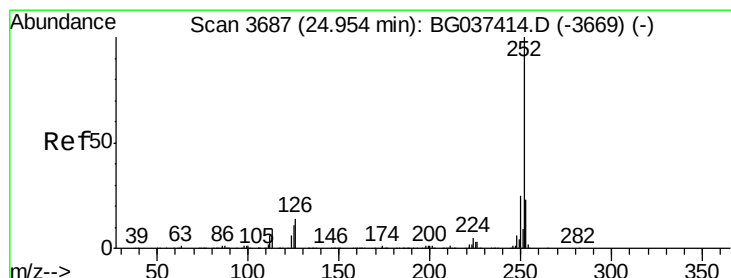
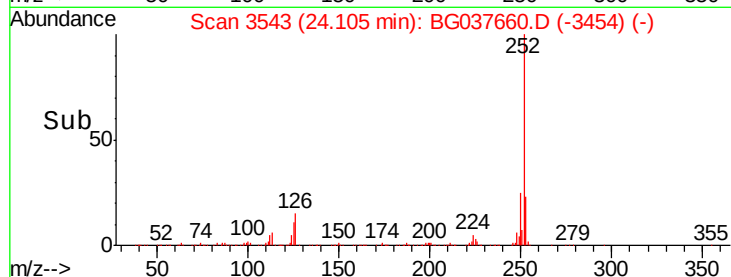
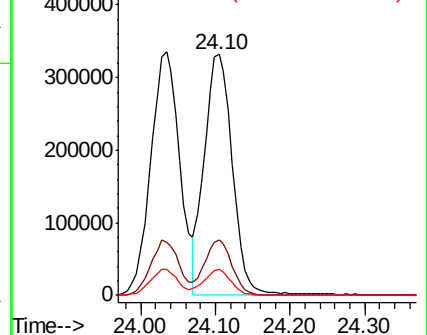
125 10.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.084 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

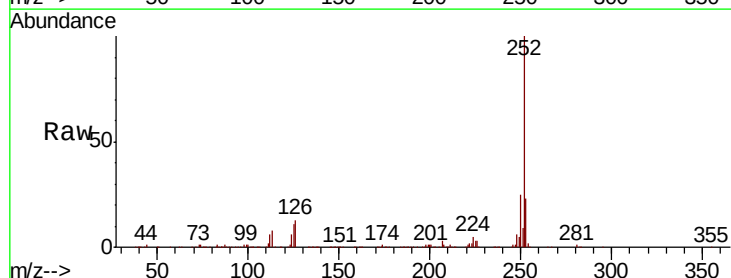
Tgt Ion:252 Resp: 862497

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

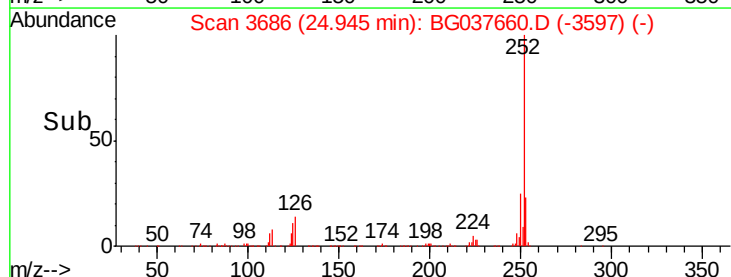
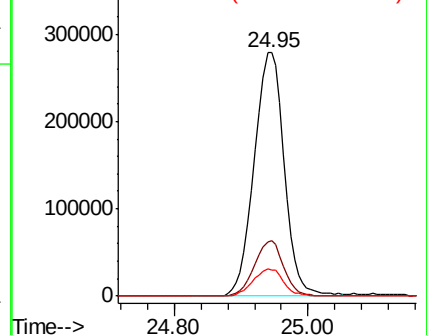
125 10.7 9.0 13.6

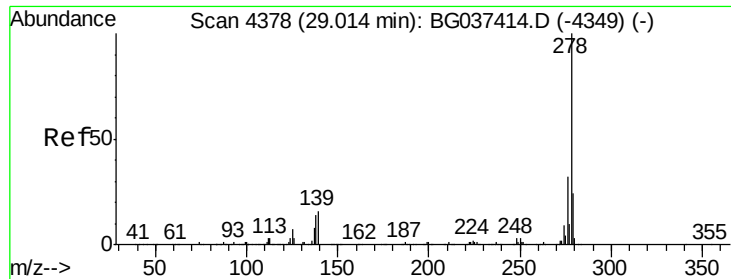


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

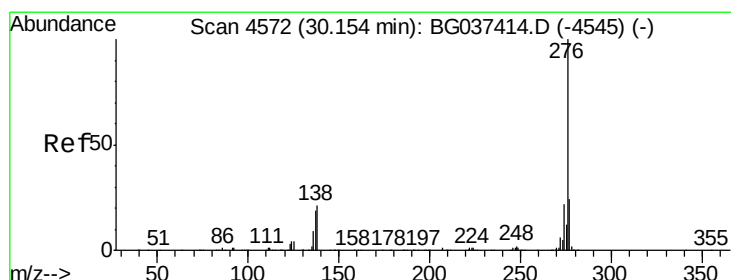
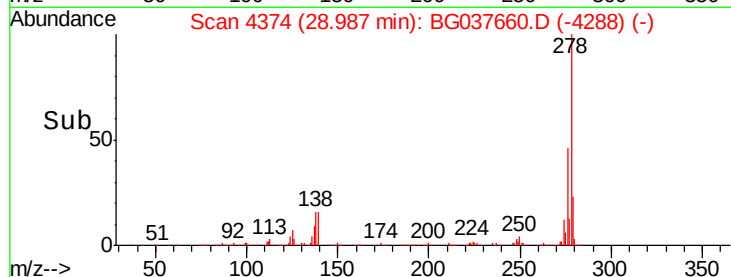
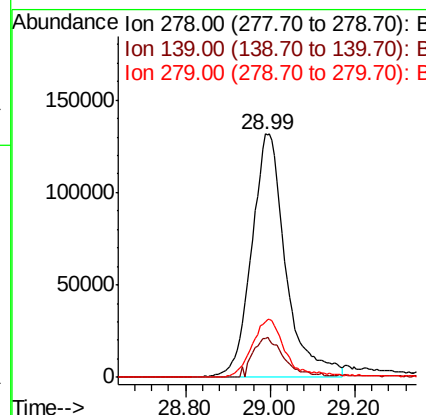
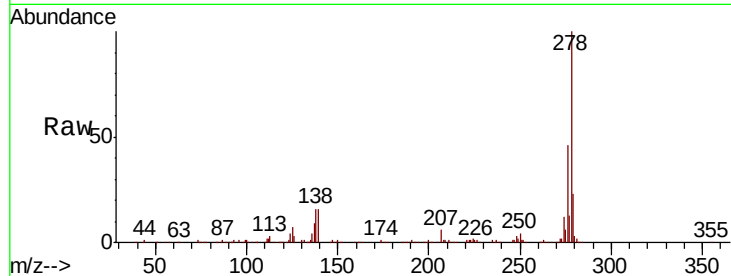




#91
Dibenzo(a,h)anthracene
Concen: 42.097 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.03 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	22.6	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 41.955 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.4	17.2	25.8

