

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
 Data File : BG037865.D
 Acq On : 7 Nov 2018 14:47
 Operator : JU/SJ
 Sample : J5820-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

Quant Time: Nov 07 15:45:55 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	8.09	152	57003	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	258067	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	166216	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	361666	20.00	ng	0.00
76) Chrysene-d12	21.76	240	323793	20.00	ng	-0.02
87) Perylene-d12	25.09	264	330788	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	182946	53.66	ng	0.00
7) Phenol-d6	7.24	99	163474	31.71	ng	-0.02
23) Nitrobenzene-d5	9.27	82	364475	79.12	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	204564	112.84	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	851455	77.25	ng	-0.02
79) Terphenyl-d14	20.07	244	1155515	76.25	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	26704	15.444	ng	98
3) Pyridine	3.93	79	71839	16.484	ng	97
4) n-Nitrosodimethylamine	3.85	42	33983	21.892	ng	# 94
6) Aniline	7.42	93	102236	16.255	ng	94
8) 2-Chlorophenol	7.65	128	151882	38.078	ng	98
9) Benzaldehyde	7.24	77	130084	40.335	ng	95
10) Phenol	7.27	94	77337	14.217	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	178684	43.249	ng	97
12) 1,3-Dichlorobenzene	7.98	146	190150	42.822	ng	98
13) 1,4-Dichlorobenzene	8.13	146	196081	43.169	ng	99
14) 1,2-Dichlorobenzene	8.45	146	185458	42.445	ng	97
15) Benzyl Alcohol	8.33	79	107527	28.226	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	327017	44.236	ng	97
17) 2-Methylphenol	8.53	107	112270	31.218	ng	98
18) Hexachloroethane	9.17	117	73158	47.244	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	147350	41.504	ng	96
20) 3+4-Methylphenols	8.86	107	141002	27.423	ng	98
22) Acetophenone	8.92	105	291223	44.996	ng	# 98
24) Nitrobenzene	9.32	77	218155	45.584	ng	93
25) Isophorone	9.83	82	424273	50.405	ng	96
26) 2-Nitrophenol	10.03	139	107116	49.684	ng	99
27) 2,4-Dimethylphenol	10.07	122	174867	45.427	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	262233	47.550	ng	95
29) 2,4-Dichlorophenol	10.56	162	188761	44.042	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	209146	44.873	ng	99
31) Naphthalene	10.97	128	618157	48.768	ng	99
32) Benzoic acid	10.16	122	30962	12.384	ng	99
33) 4-Chloroaniline	11.08	127	80045	13.440	ng	97
34) Hexachlorobutadiene	11.23	225	126418	45.764	ng	98
35) Caprolactam	11.87	113	32099	18.674	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	186984	38.685	ng	99
37) 2-Methylnaphthalene	12.56	142	468702	50.725	ng	99
38) 1-Methylnaphthalene	12.78	142	464293	51.741	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	244286	45.564	ng	99

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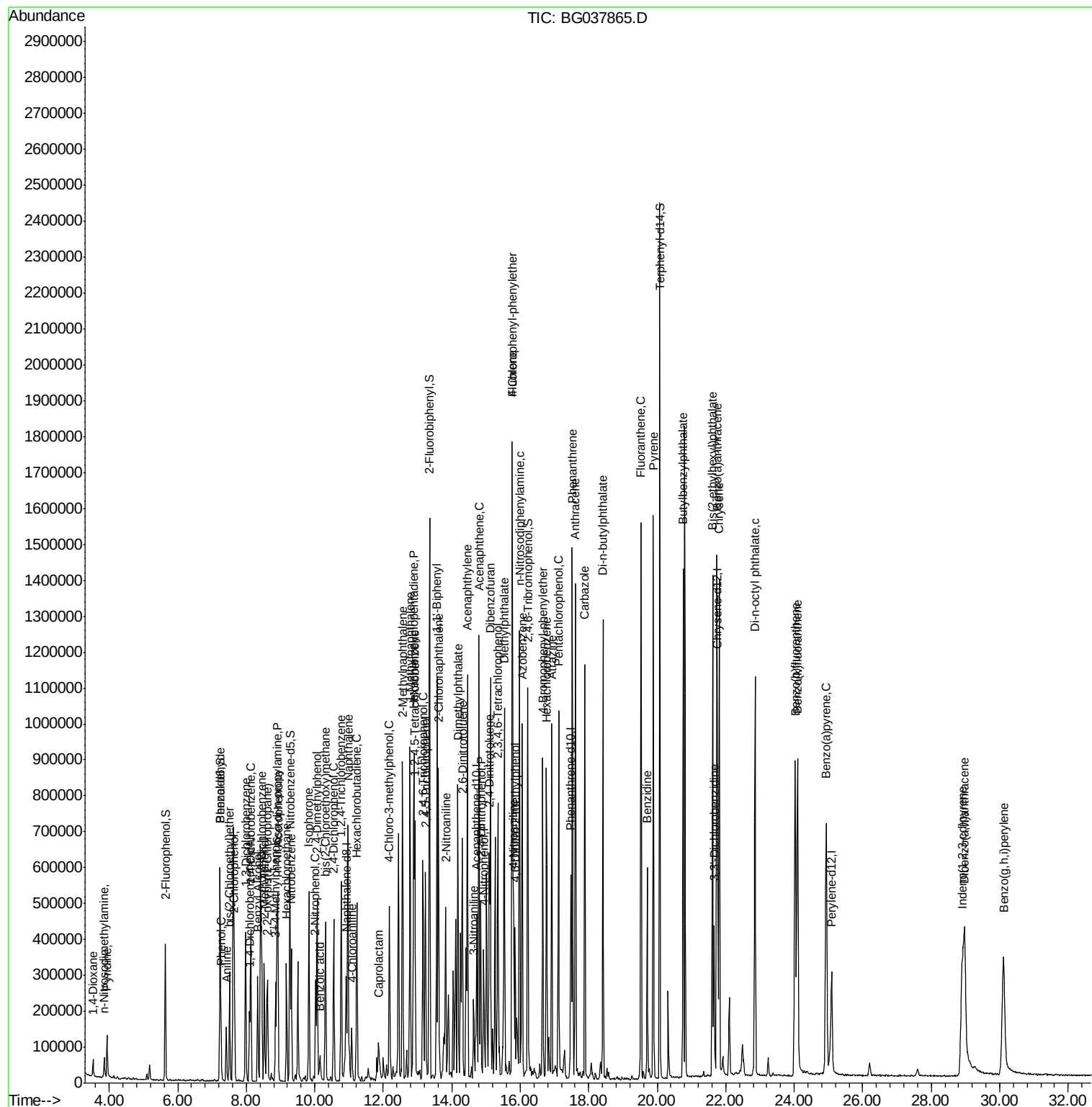
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	285939	111.652	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	166709	46.543	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	180471	46.277	ng	98
46) 1,1'-Biphenyl	13.56	154	592062	43.010	ng	99
47) 2-Chloronaphthalene	13.61	162	478093	45.908	ng	99
48) 2-Nitroaniline	13.82	65	153270	48.532	ng	92
49) Acenaphthylene	14.46	152	757878	48.378	ng	97
50) Dimethylphthalate	14.18	163	584936	45.489	ng	100
51) 2,6-Dinitrotoluene	14.31	165	133806	47.038	ng	97
52) Acenaphthene	14.79	154	462136	47.899	ng	99
53) 3-Nitroaniline	14.64	138	63909	20.238	ng	# 95
54) 2,4-Dinitrophenol	14.84	184	120528	88.934	ng	94
55) Dibenzofuran	15.13	168	735403	46.005	ng	98
56) 4-Nitrophenol	14.93	139	100177	42.857	ng	91
57) 2,4-Dinitrotoluene	15.09	165	190733	51.080	ng	94
58) Fluorene	15.77	166	607476	50.747	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	149115	44.658	ng	# 98
60) Diethylphthalate	15.53	149	590767	44.750	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	301630	43.231	ng	99
62) 4-Nitroaniline	15.81	138	130815	41.688	ng	93
63) Azobenzene	16.05	77	563168	44.711	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	97622	50.828	ng	99
66) n-Nitrosodiphenylamine	15.98	169	510176	46.896	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	188242	47.396	ng	99
68) Hexachlorobenzene	16.77	284	187787	45.620	ng	97
69) Atrazine	16.92	200	188579	47.944	ng	99
70) Pentachlorophenol	17.12	266	213761	77.528	ng	98
71) Phenanthrene	17.52	178	950562	51.714	ng	99
72) Anthracene	17.61	178	920972	51.056	ng	98
73) Carbazole	17.88	167	822480	45.583	ng	99
74) Di-n-butylphthalate	18.42	149	984129	49.030	ng	99
75) Fluoranthene	19.52	202	1030403	49.426	ng	98
77) Benzidine	19.71	184	386778	35.130	ng	99
78) Pyrene	19.89	202	1026896	48.514	ng	99
80) Butylbenzylphthalate	20.76	149	449092	51.842	ng	97
81) Benzo(a)anthracene	21.74	228	973458	50.828	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	171710	23.131	ng	98
83) Chrysene	21.81	228	909492	49.386	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	638222	52.560	ng	98
85) Di-n-octyl phthalate	22.85	149	1075620	54.322	ng	98
86) Indeno(1,2,3-cd)pyrene	28.90	276	884437	44.776	ng	99
88) Benzo(b)fluoranthene	24.03	252	930886	51.331	ng	99
89) Benzo(k)fluoranthene	24.10	252	930739	52.384	ng	97
90) Benzo(a)pyrene	24.93	252	897407	52.077	ng	98
91) Dibenzo(a,h)anthracene	28.98	278	722291	45.440	ng	100
92) Benzo(g,h,i)perylene	30.11	276	741444	46.105	ng	99

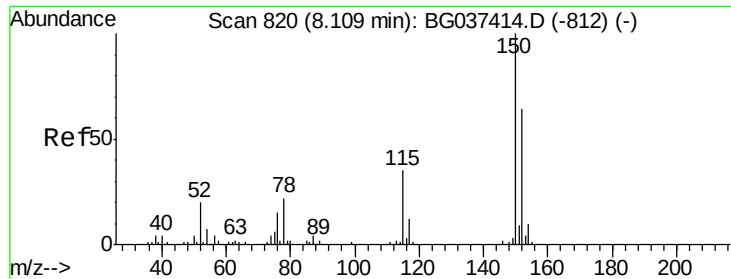
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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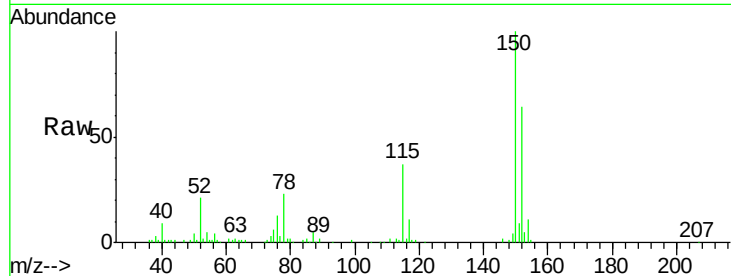


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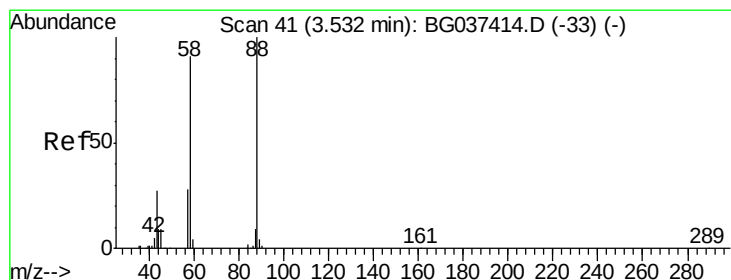
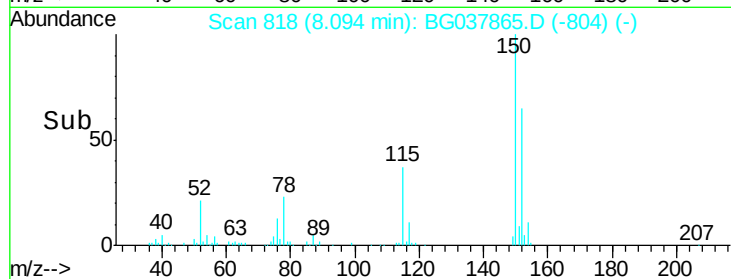
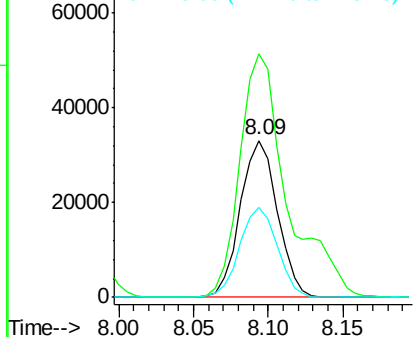
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:152 Resp: 57003
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 57.0 45.5 68.3



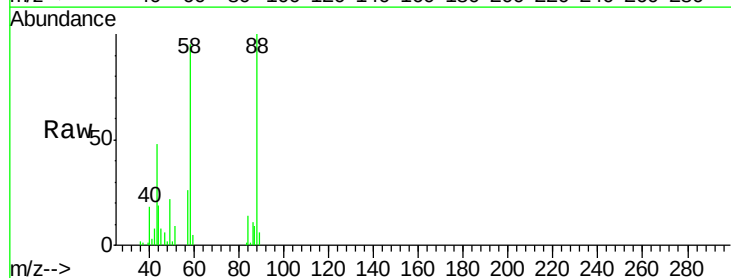
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



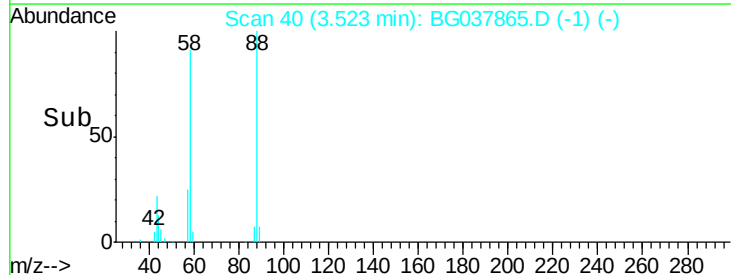
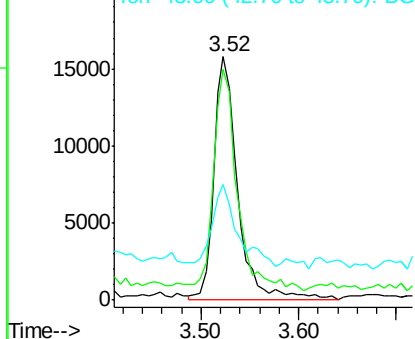
#2

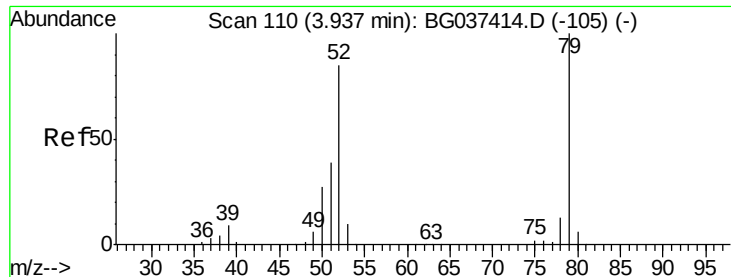
1,4-Dioxane
Concen: 15.444 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion: 88 Resp: 26704
Ion Ratio Lower Upper
88 100
58 92.5 74.4 111.6
43 35.0 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: 16.484 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

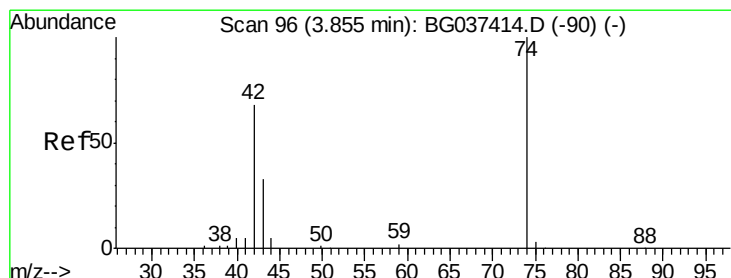
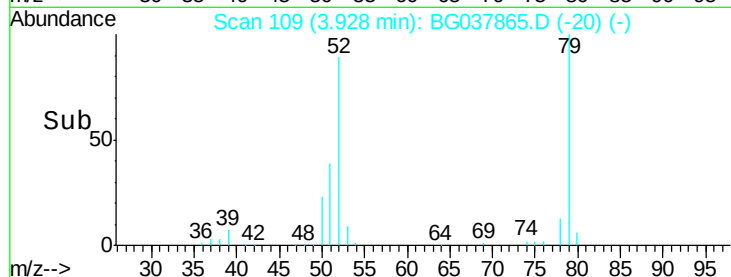
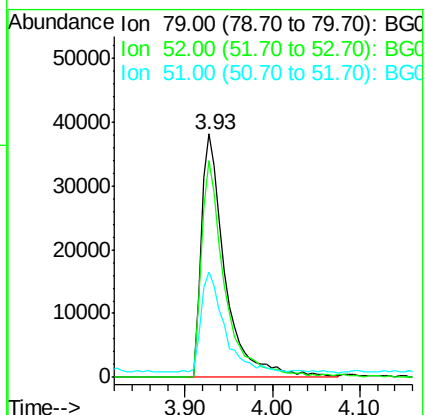
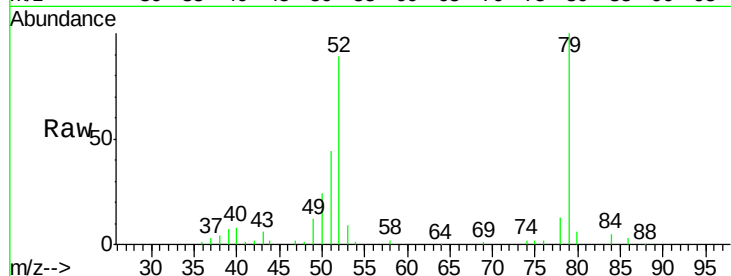
Tgt Ion: 79 Resp: 71839

Ion Ratio Lower Upper

79 100

52 88.8 74.2 111.2

51 43.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 21.892 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

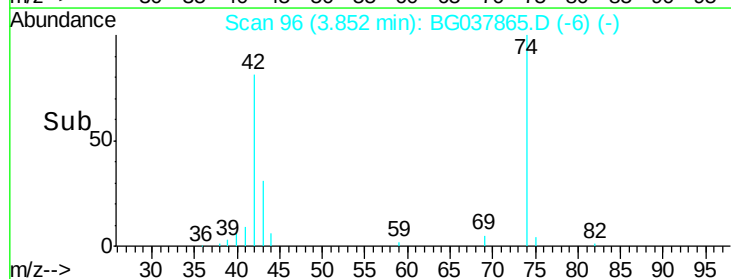
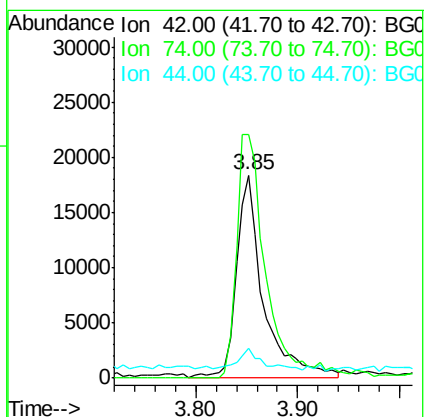
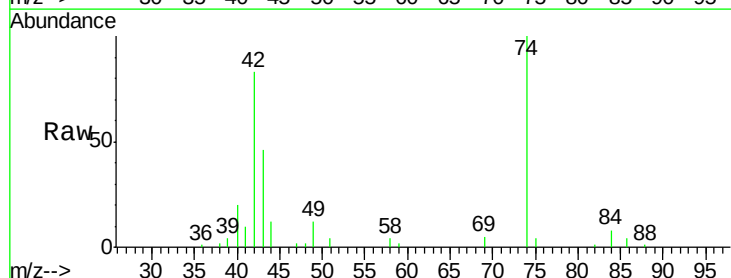
Tgt Ion: 42 Resp: 33983

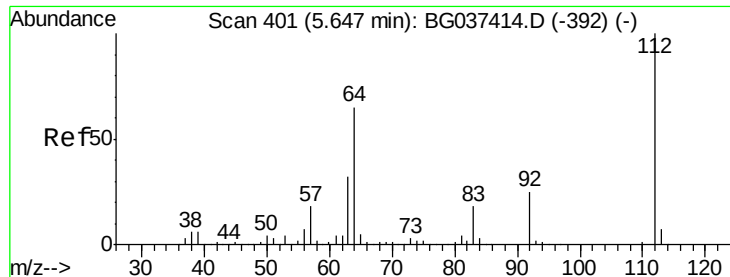
Ion Ratio Lower Upper

42 100

74 120.1 102.0 153.0

44 14.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 53.657 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037865.D

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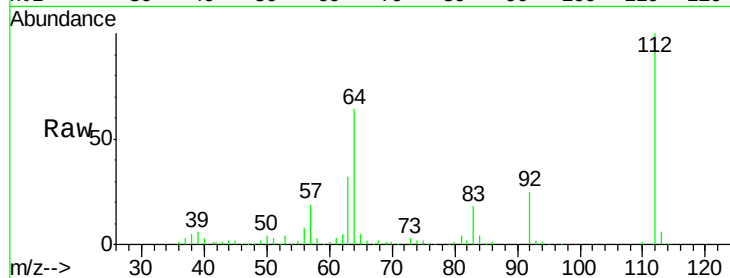
Tgt Ion: 112 Resp: 182946

Ion Ratio Lower Upper

112 100

64 63.7 53.1 79.7

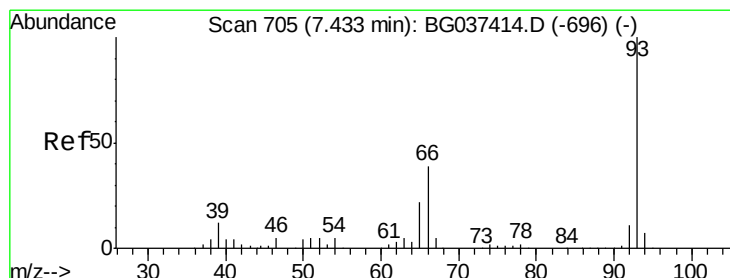
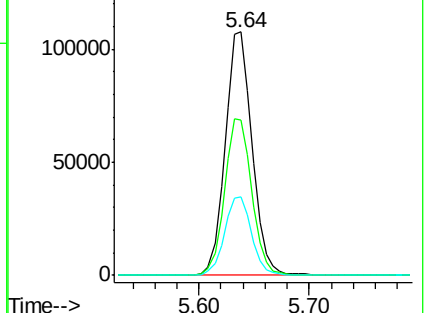
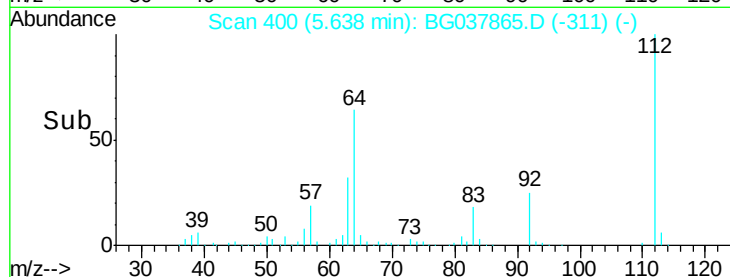
63 32.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.255 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

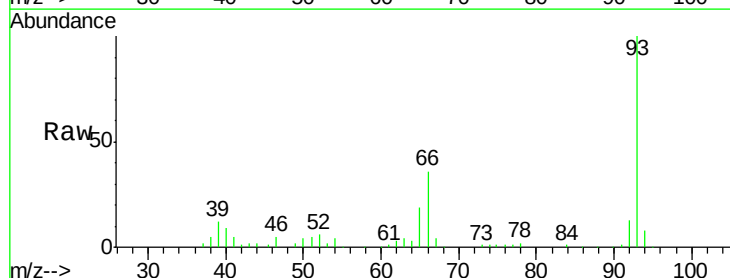
Tgt Ion: 93 Resp: 102236

Ion Ratio Lower Upper

93 100

66 36.5 32.8 49.2

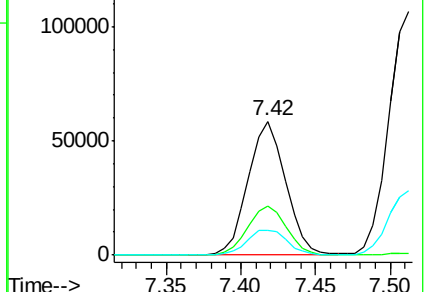
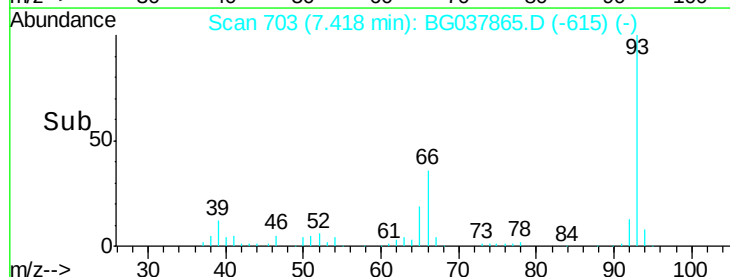
65 18.8 16.4 24.6

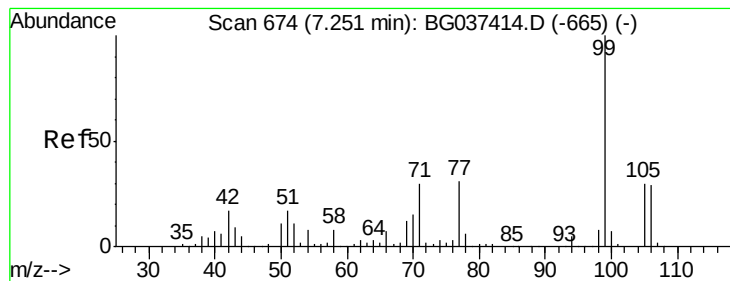


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 31.707 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

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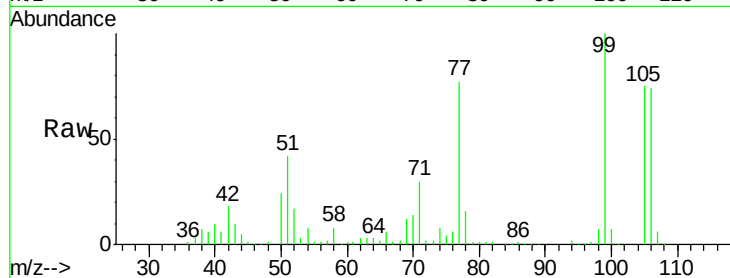
Tgt Ion: 99 Resp: 163474

Ion Ratio Lower Upper

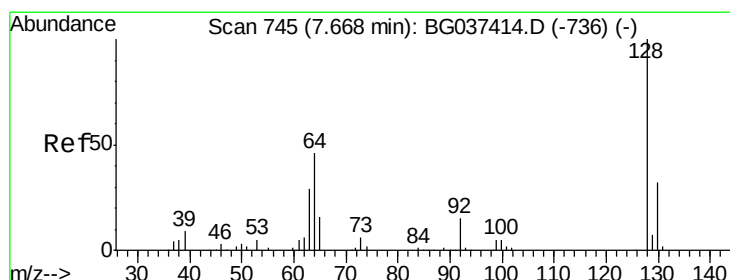
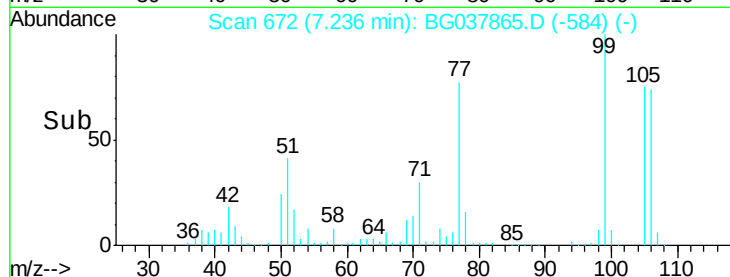
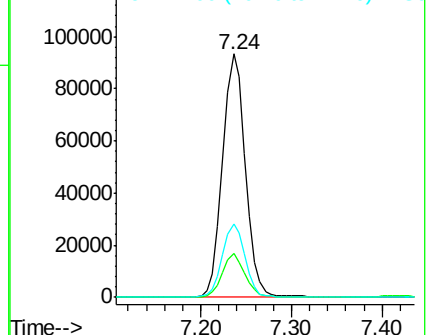
99 100

42 18.1 15.0 22.4

71 30.3 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: 38.078 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

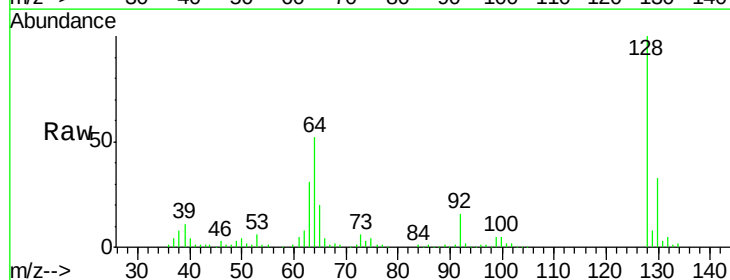
Tgt Ion: 128 Resp: 151882

Ion Ratio Lower Upper

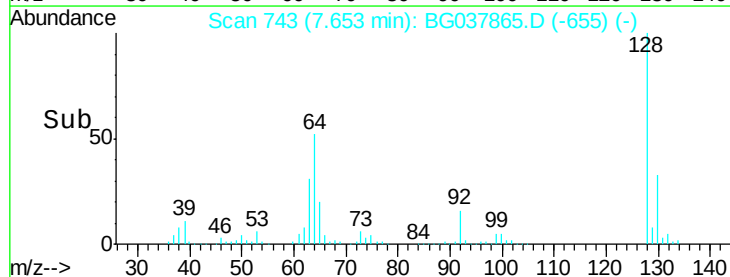
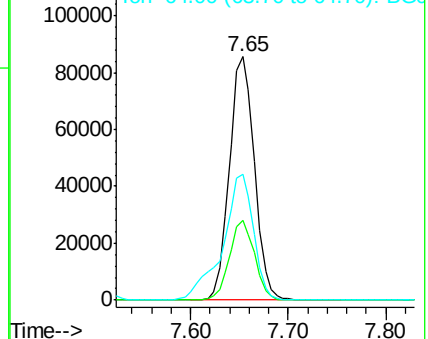
128 100

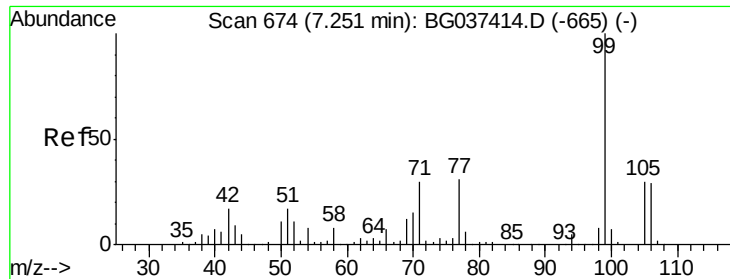
130 32.7 12.0 52.0

64 51.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 40.335 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

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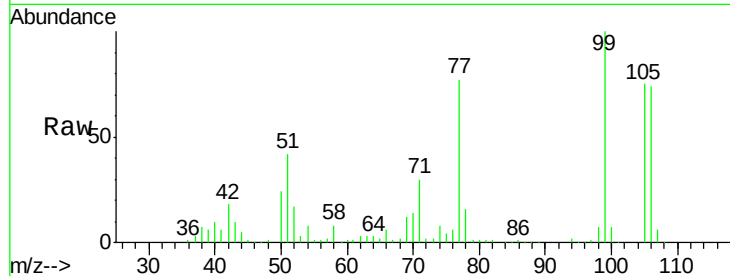
Tgt Ion: 77 Resp: 130084

Ion Ratio Lower Upper

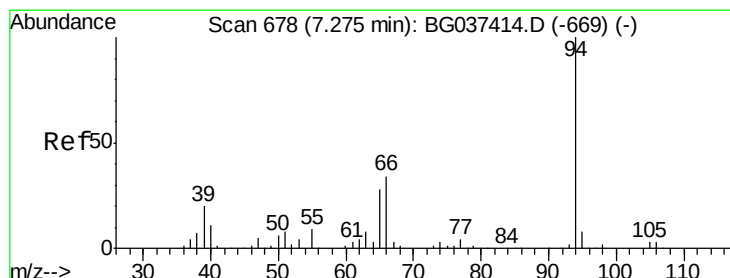
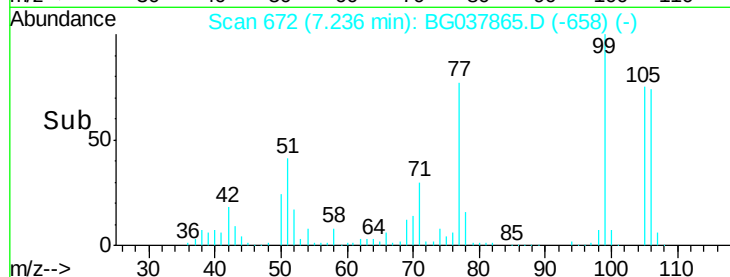
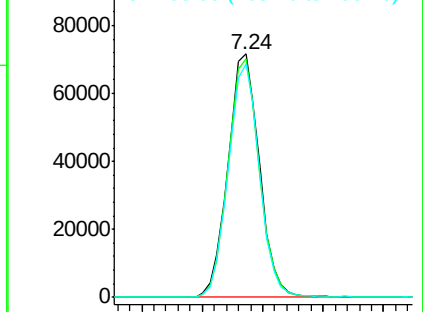
77 100

105 98.2 72.6 112.6

106 95.9 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: 14.217 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

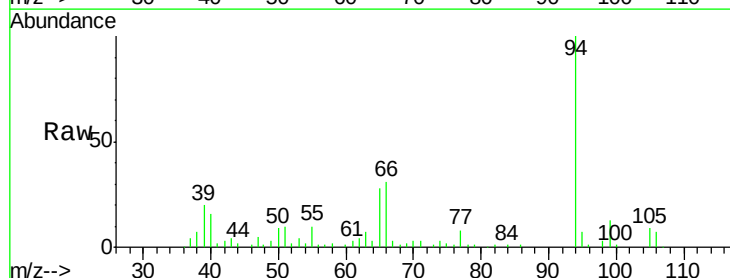
Tgt Ion: 94 Resp: 77337

Ion Ratio Lower Upper

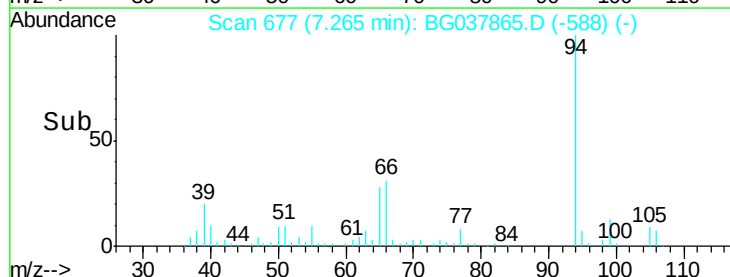
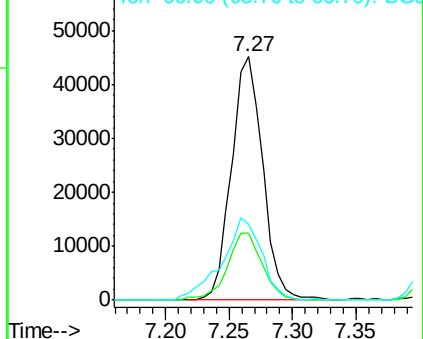
94 100

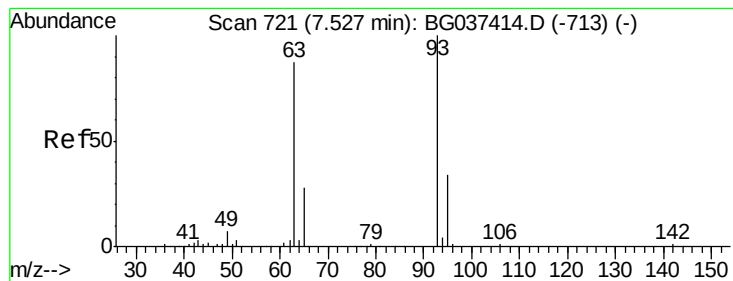
65 27.6 9.7 49.7

66 31.4 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: 43.249 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

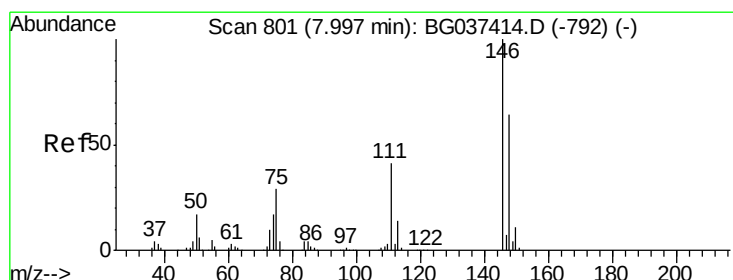
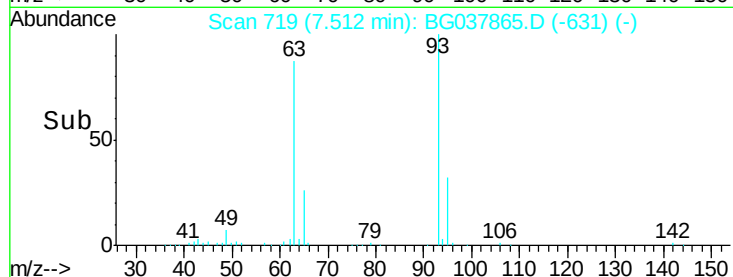
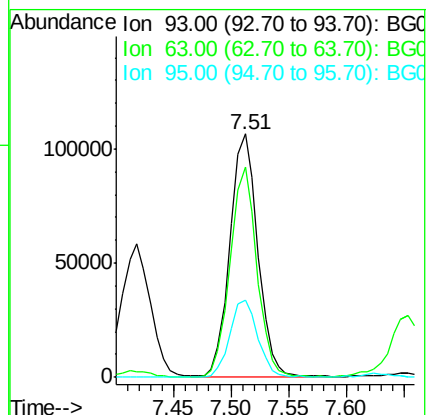
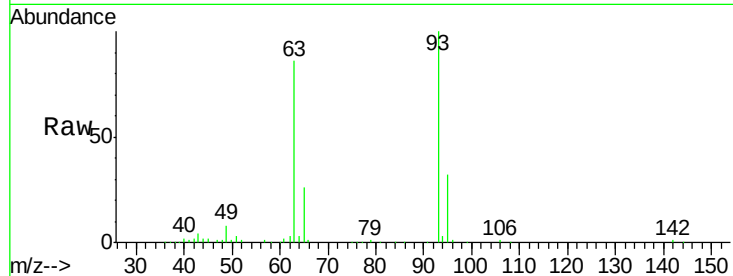
Tgt Ion: 93 Resp: 178684

Ion Ratio Lower Upper

93 100

63 86.4 69.5 109.5

95 31.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 42.822 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

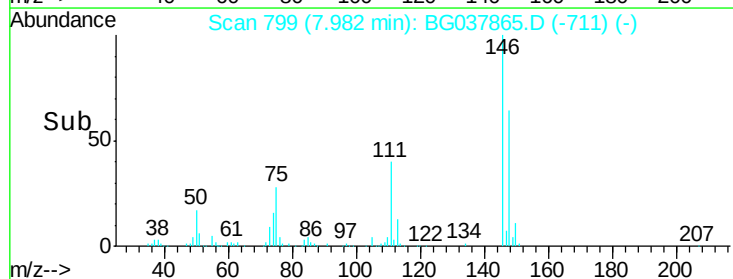
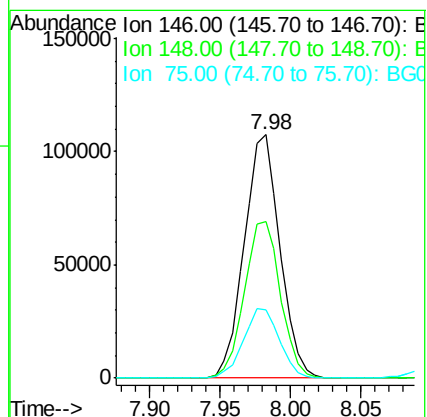
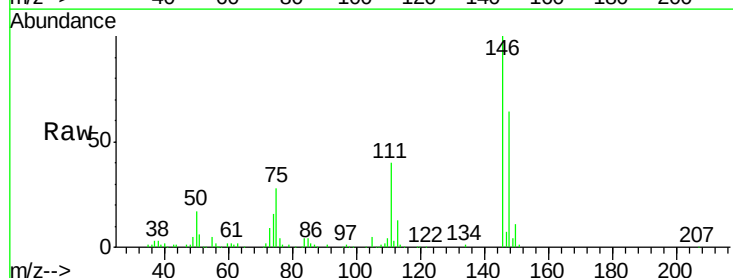
Tgt Ion: 146 Resp: 190150

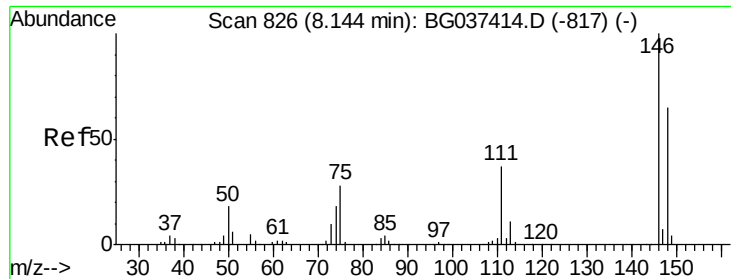
Ion Ratio Lower Upper

146 100

148 64.4 49.8 74.8

75 28.0 23.2 34.8

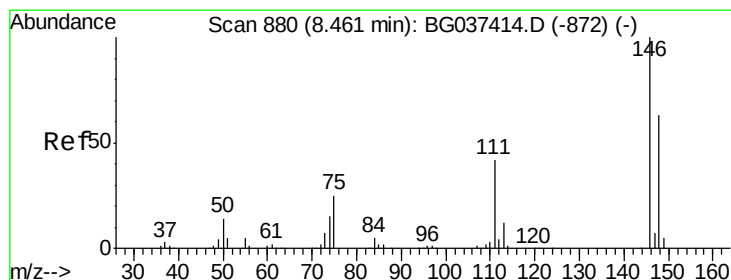
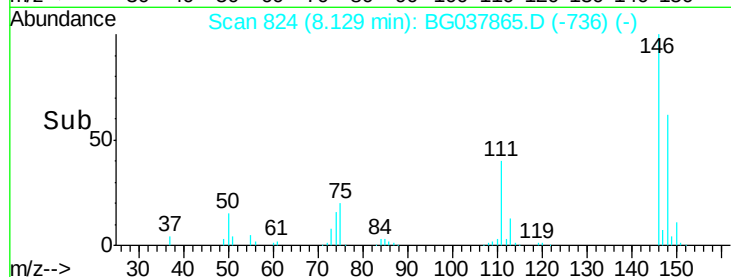
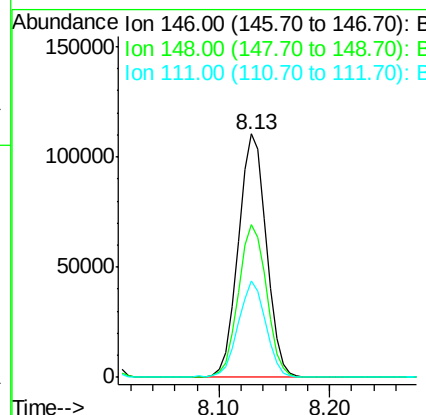
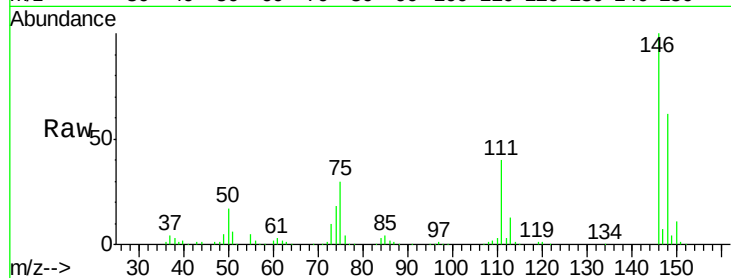




#13
 1,4-Dichlorobenzene
 Concen: 43.169 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

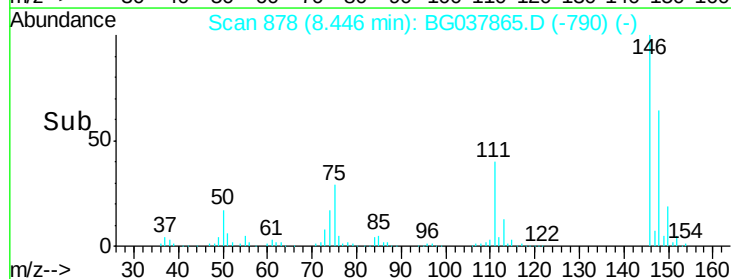
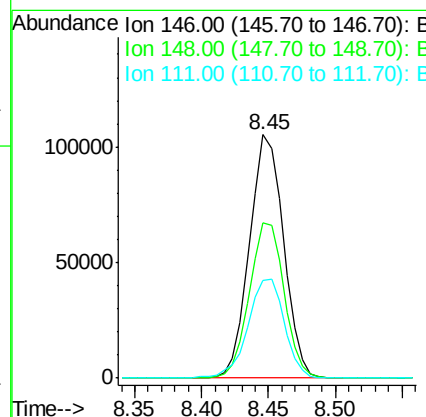
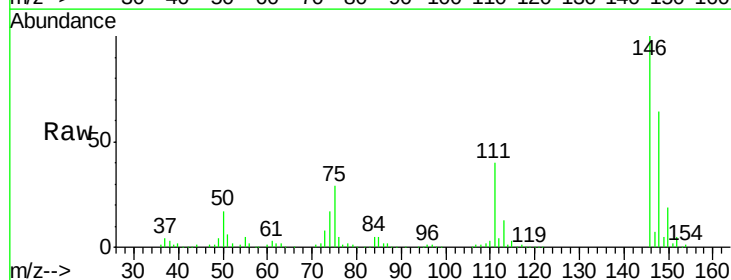
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

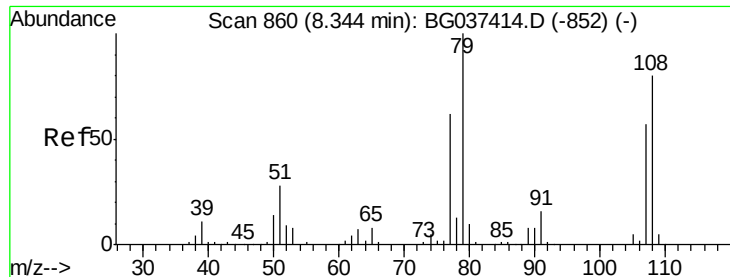
Tgt Ion:146 Resp: 196081
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.6
 111 39.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 42.445 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion:146 Resp: 185458
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 40.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 28.226 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

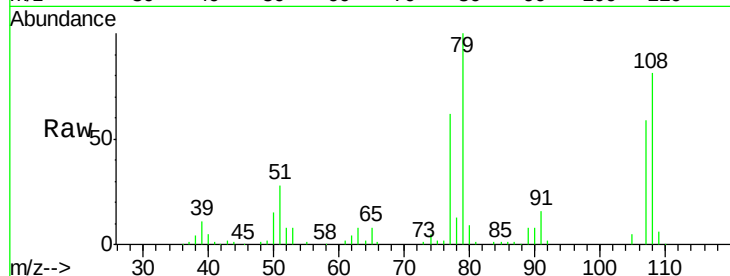
Tgt Ion: 79 Resp: 107527

Ion Ratio Lower Upper

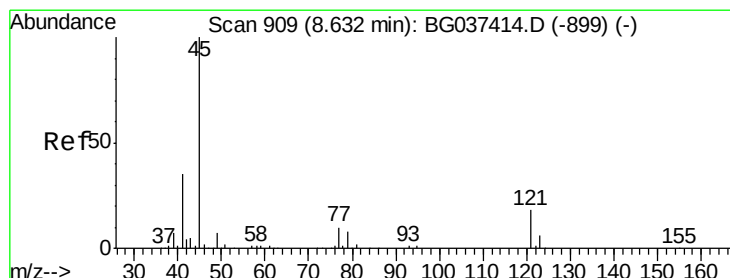
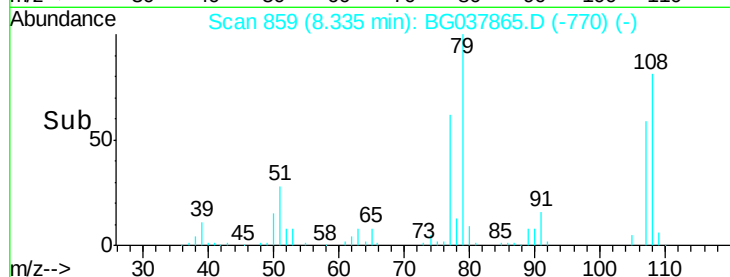
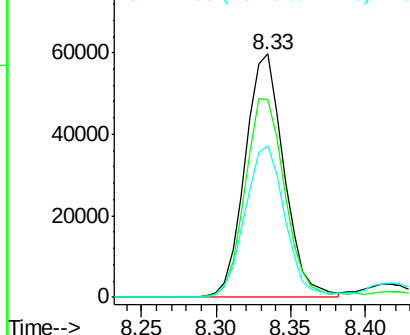
79 100

108 81.1 65.8 98.8

77 62.1 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: 44.236 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

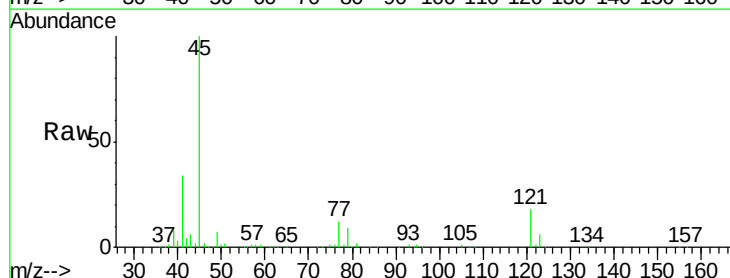
Tgt Ion: 45 Resp: 327017

Ion Ratio Lower Upper

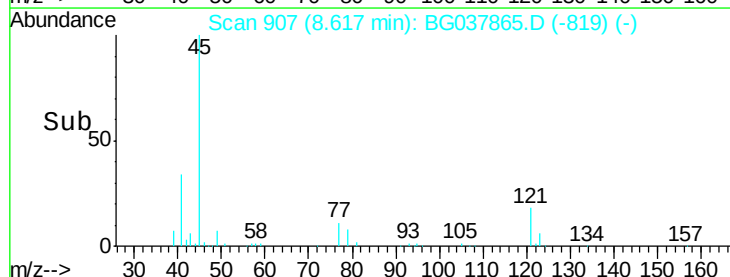
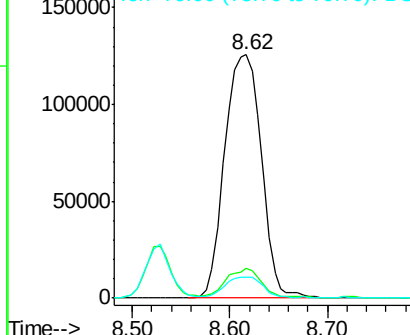
45 100

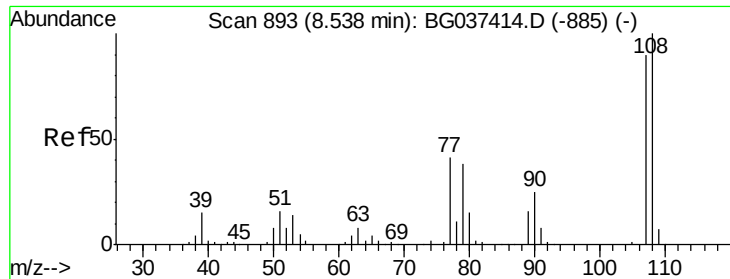
77 12.1 0.0 30.0

79 8.8 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

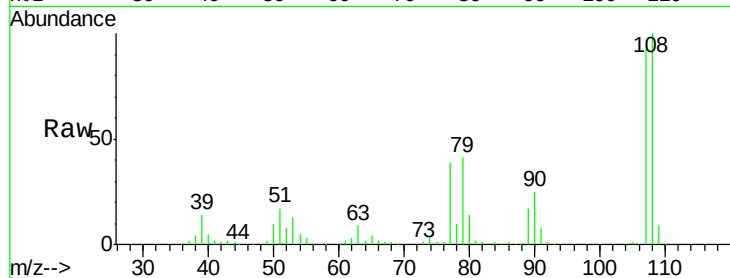




#17
2-Methylphenol
Concen: 31.218 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:	107	Resp:	112270
Ion	Ratio	Lower	Upper
107	100		
108	108.0	87.9	131.9
77	42.0	35.1	52.7
79	44.0	34.5	51.7



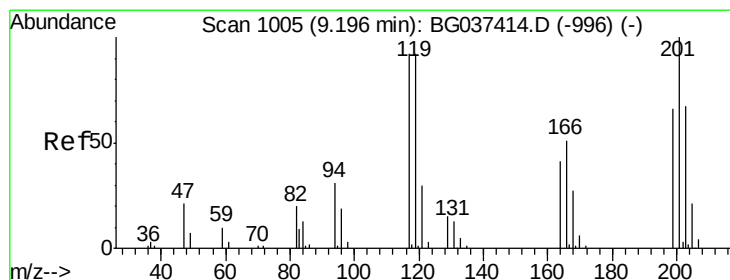
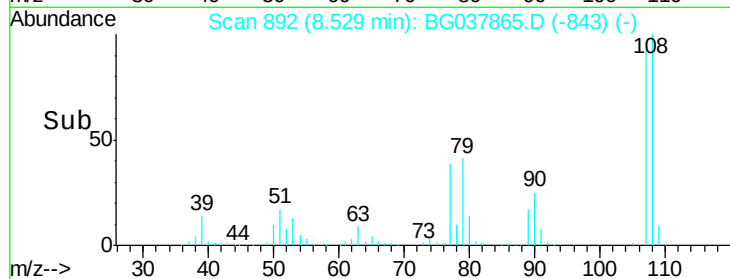
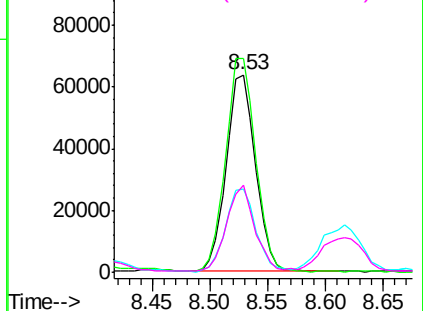
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

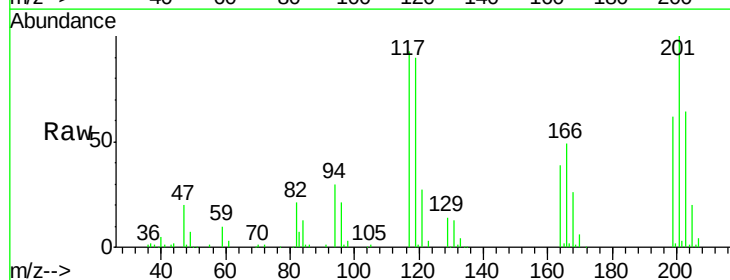
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.244 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:	117	Resp:	73158
Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.6	111.8
201	110.4	80.8	121.2

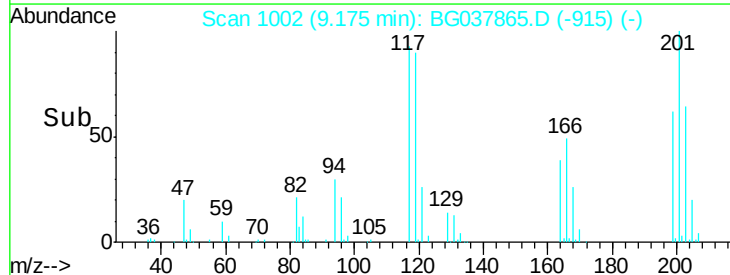
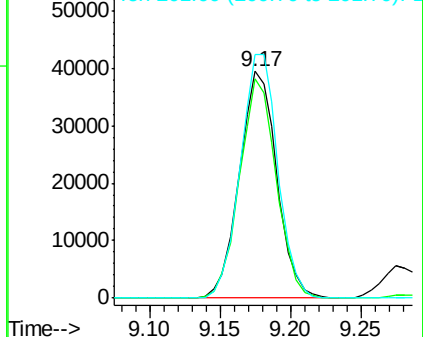


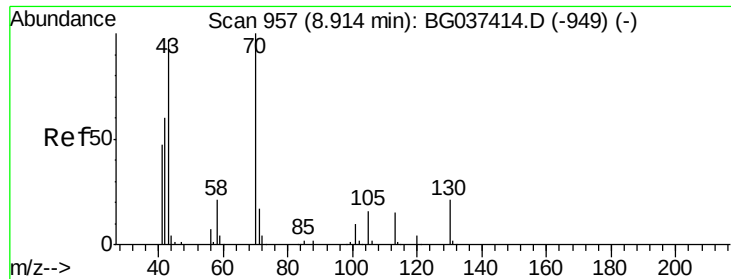
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

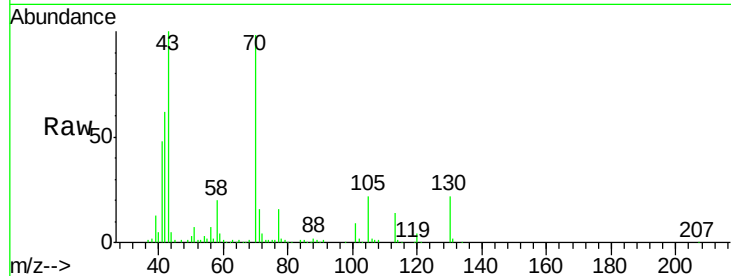




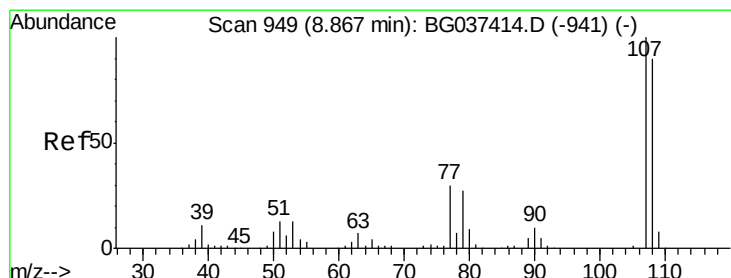
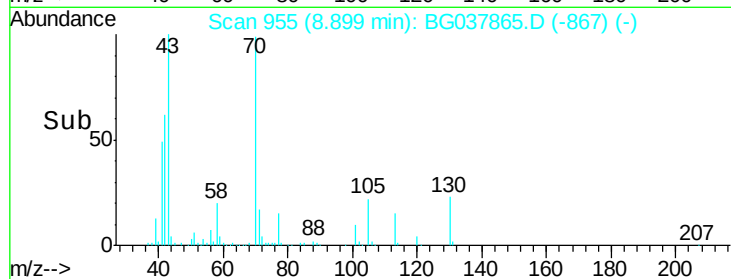
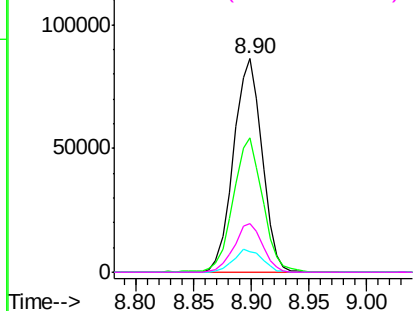
#19
n-Nitroso-di-n-propylamine
Concen: 41.504 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:	70	Resp:	147350
Ion	Ratio	Lower	Upper
70	100		
42	63.1	53.9	80.9
101	9.7	8.2	12.2
130	23.0	18.2	27.4

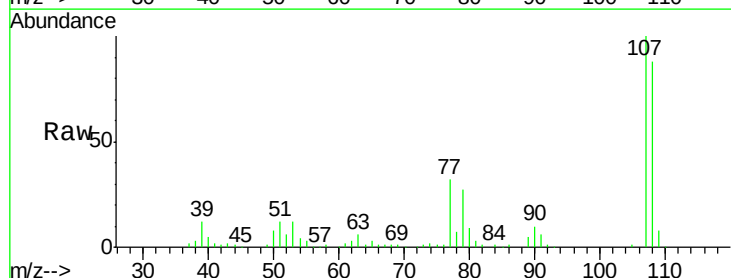


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

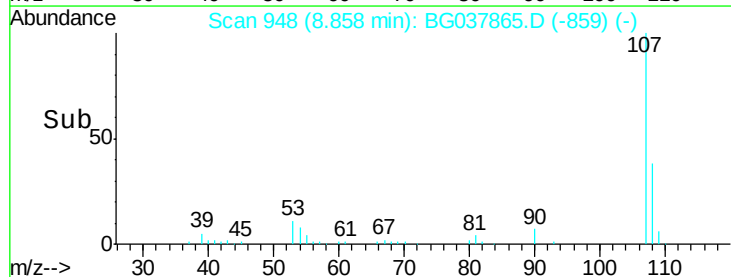
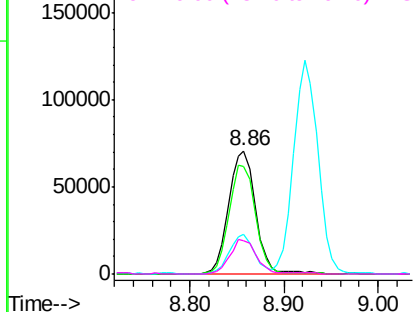


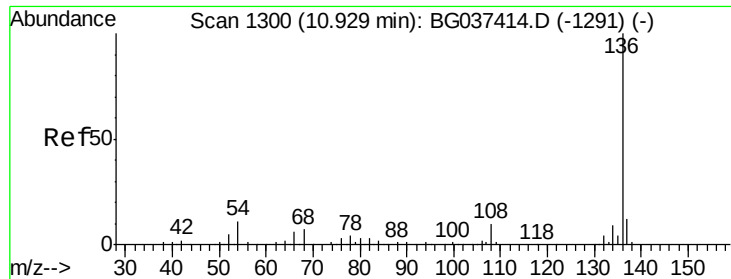
#20
3+4-Methylphenols
Concen: 27.423 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:	107	Resp:	141002
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.9	109.9
77	32.0	11.2	51.2
79	27.3	6.6	46.6



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

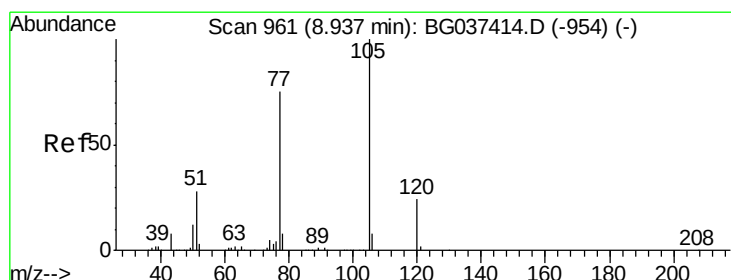
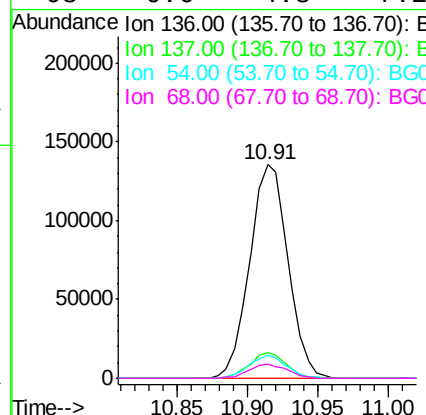
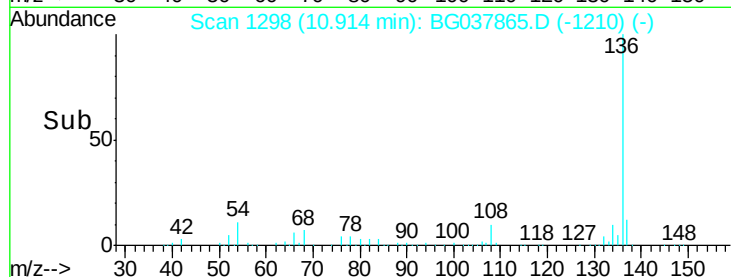
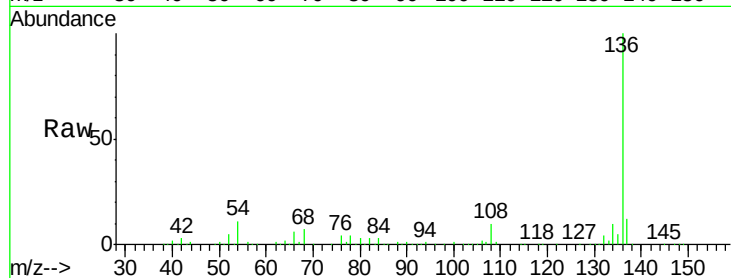




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

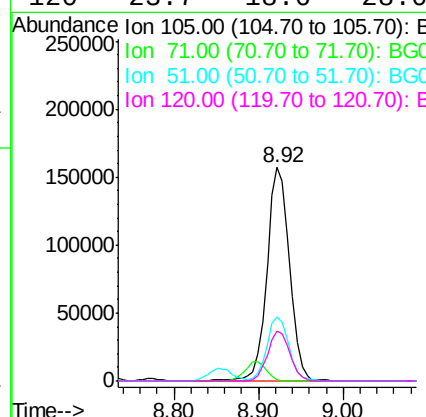
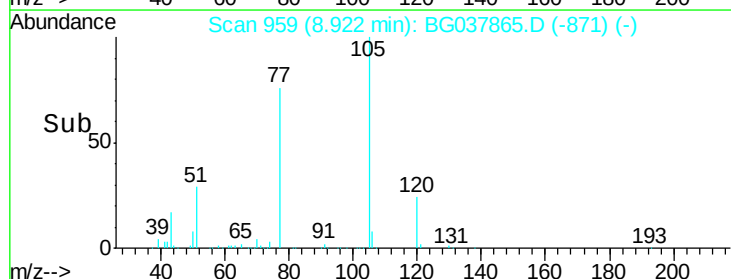
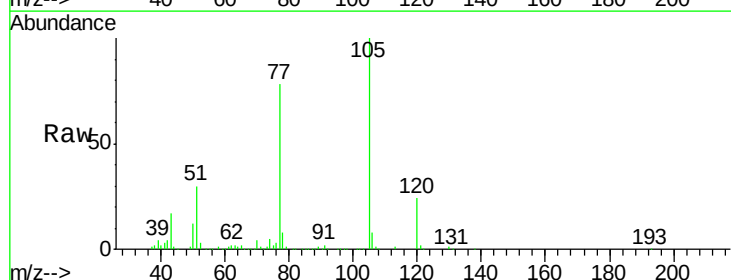
Instrument :
BNA_G
ClientSampleId :
C19013081MSD

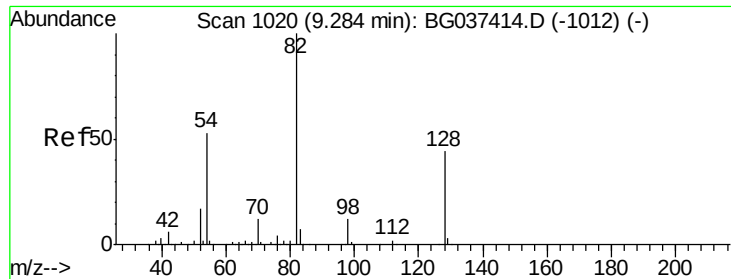
Tgt Ion:	136	Resp:	258067
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.7	7.9	11.9
68	6.6	4.8	7.2



#22
Acetophenone
Concen: 44.996 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:	105	Resp:	291223
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	29.8	25.0	37.6
120	23.7	18.6	28.0

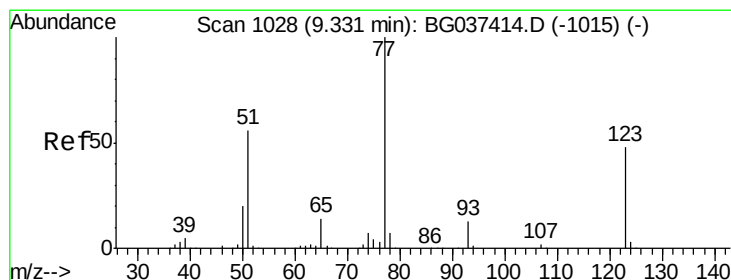
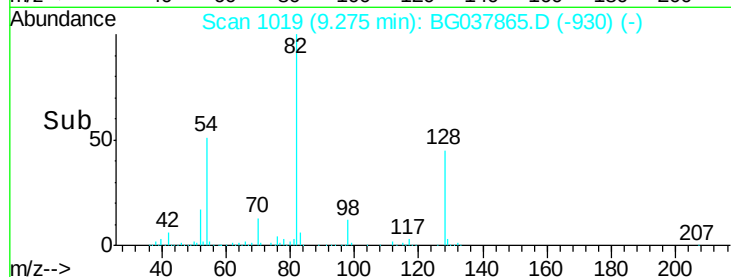
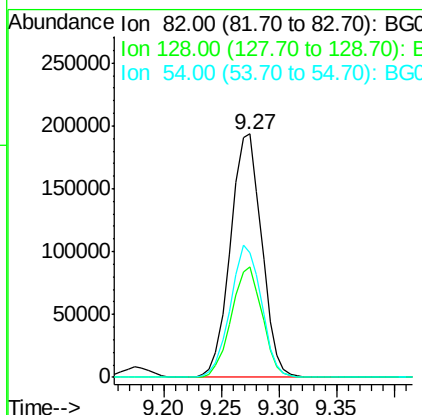
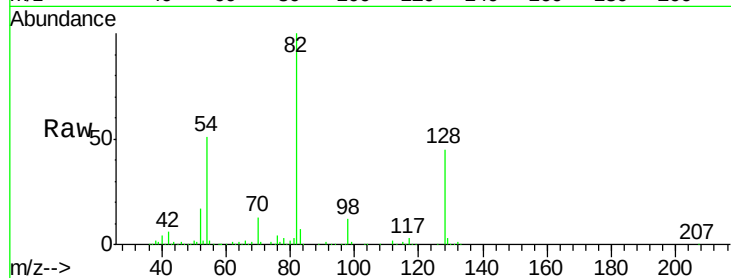




#23
Nitrobenzene-d5
Concen: 79.117 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

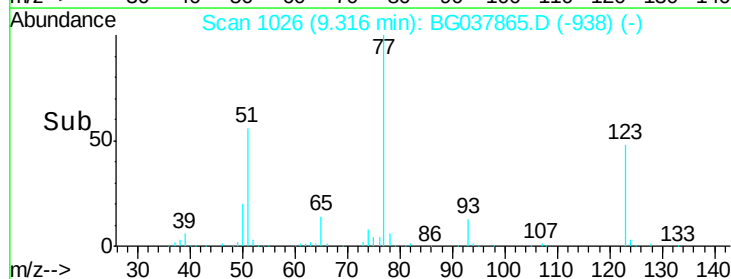
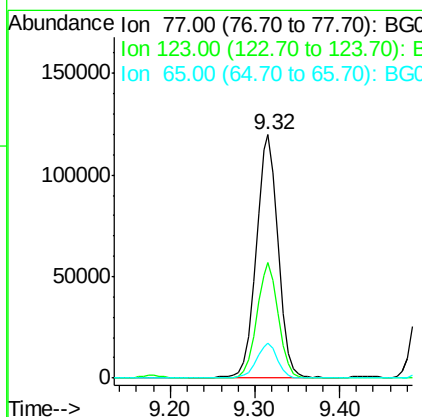
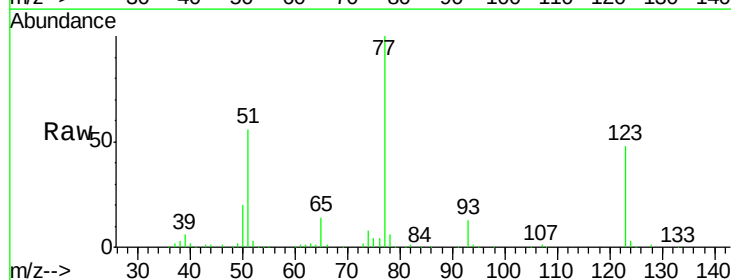
Instrument :
BNA_G
ClientSampleId :
C19013081MSD

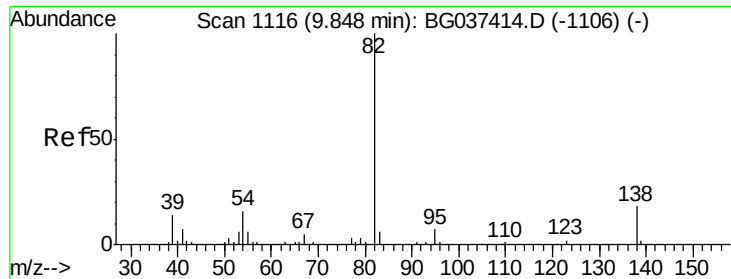
Tgt Ion: 82 Resp: 364475
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 51.4 45.3 67.9



#24
Nitrobenzene
Concen: 45.584 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion: 77 Resp: 218155
Ion Ratio Lower Upper
77 100
123 47.7 33.6 50.4
65 14.2 11.3 16.9





#25

Isophorone

Concen: 50.405 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

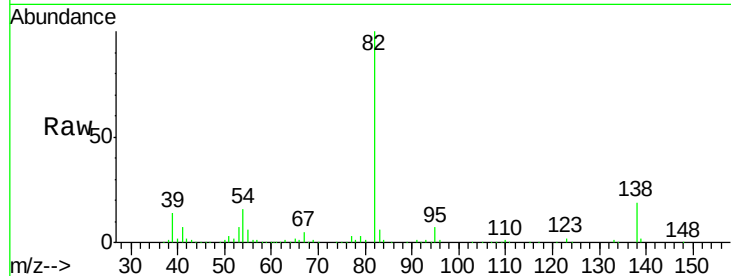
Tgt Ion: 82 Resp: 424273

Ion Ratio Lower Upper

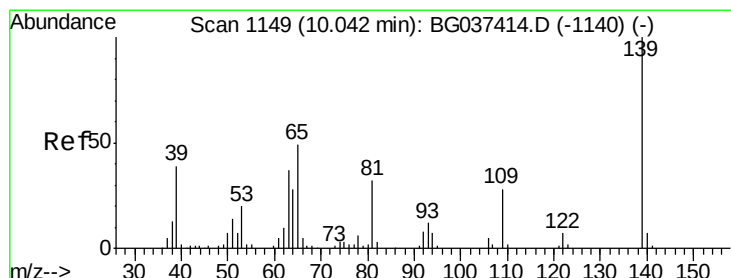
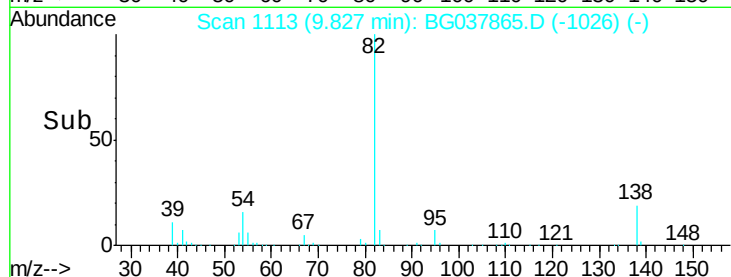
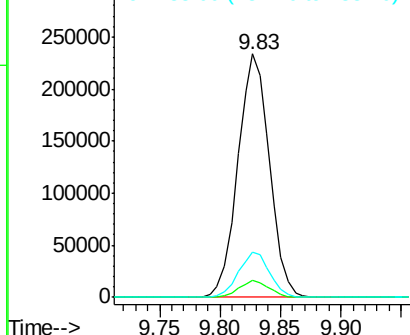
82 100

95 6.9 5.3 7.9

138 18.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 49.684 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

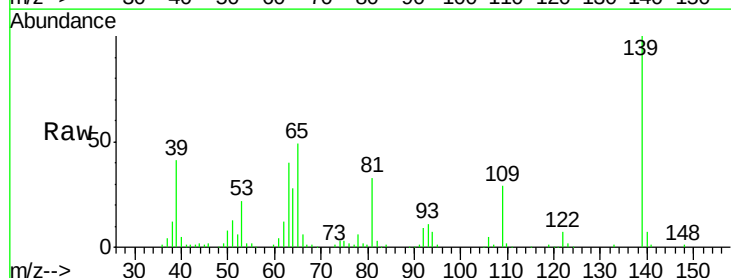
Tgt Ion: 139 Resp: 107116

Ion Ratio Lower Upper

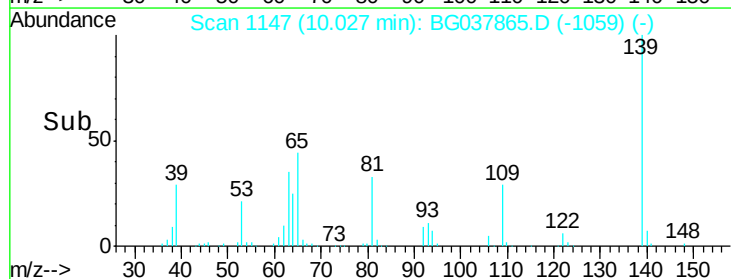
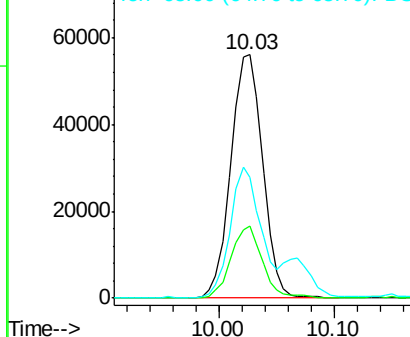
139 100

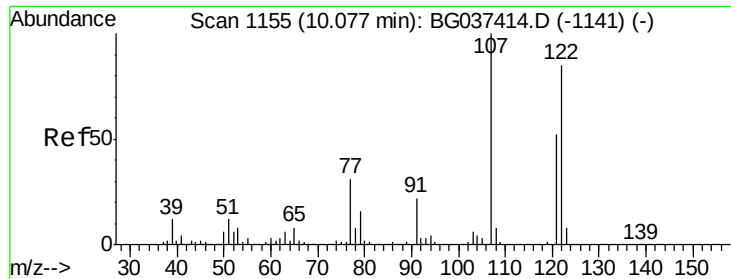
109 29.4 23.3 34.9

65 49.4 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

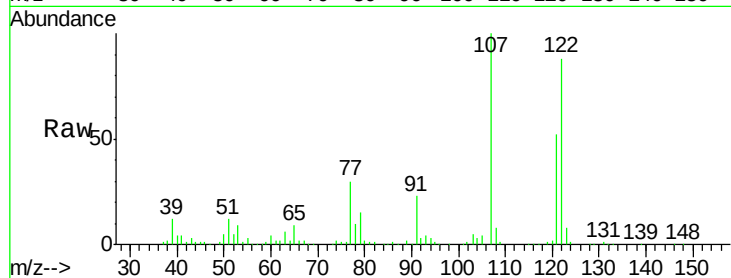




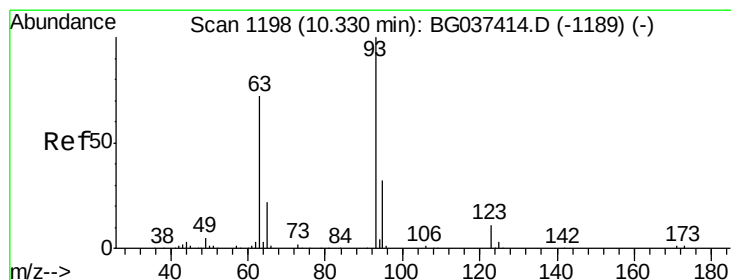
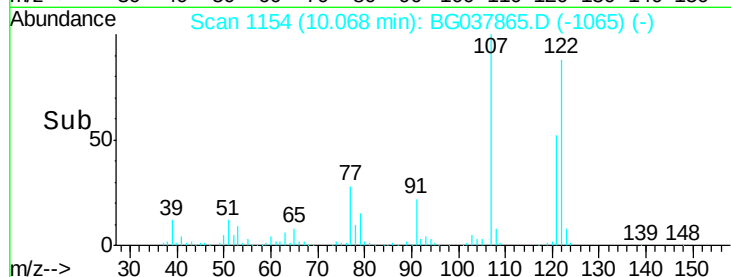
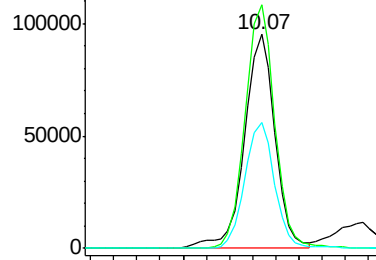
#27
2,4-Dimethylphenol
Concen: 45.427 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:122 Resp: 174867
Ion Ratio Lower Upper
122 100
107 113.9 94.2 141.2
121 59.0 47.3 70.9

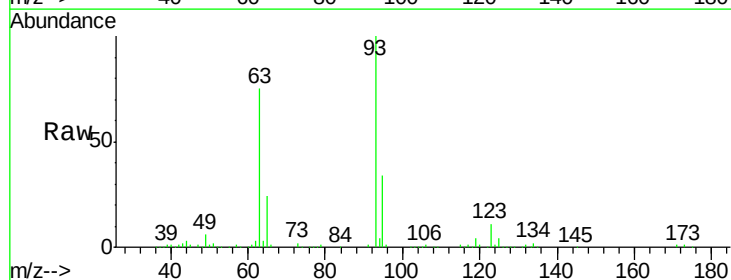


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

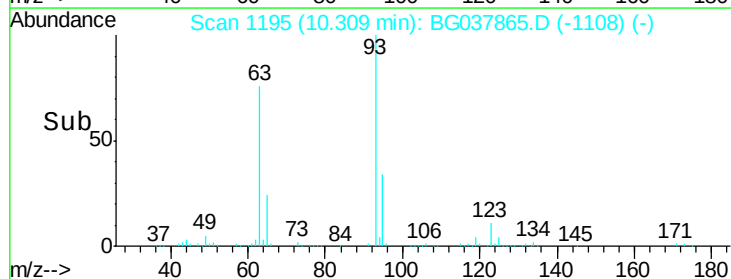
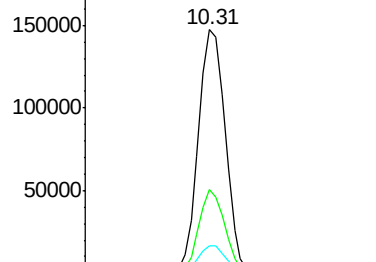


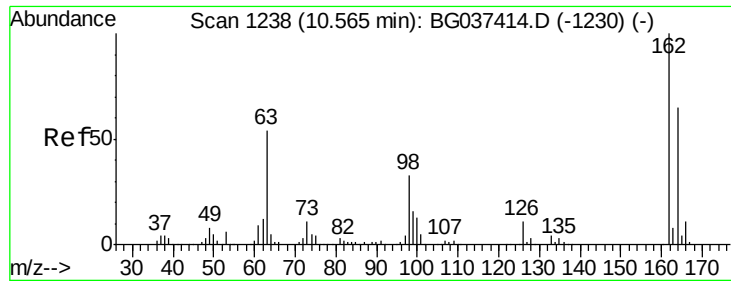
#28
bis(2-Chloroethoxy)methane
Concen: 47.550 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion: 93 Resp: 262233
Ion Ratio Lower Upper
93 100
95 34.2 24.6 37.0
123 11.1 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

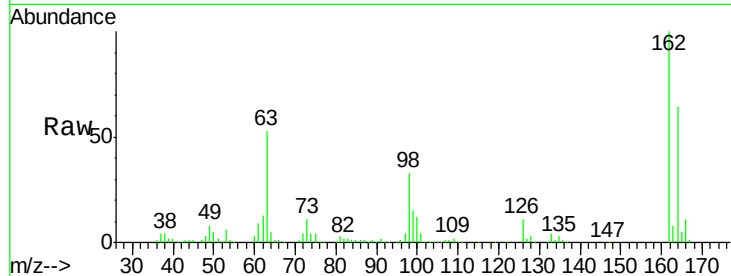




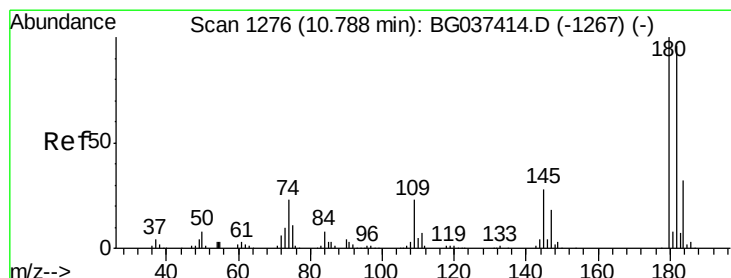
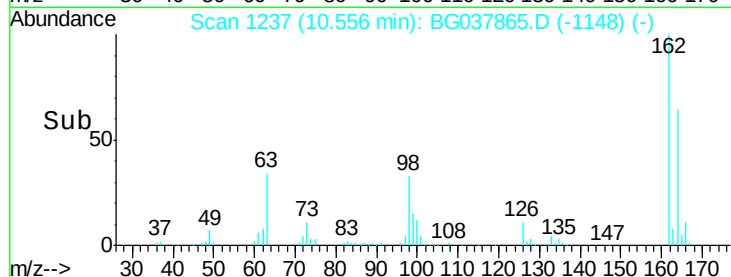
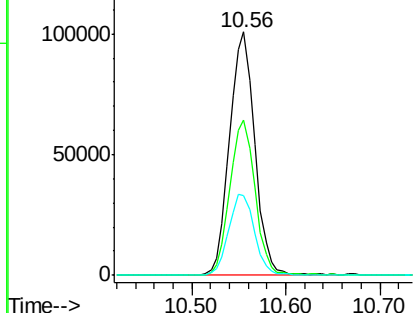
#29
 2,4-Dichlorophenol
 Concen: 44.042 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.2	83.2
98	32.7	16.0	56.0

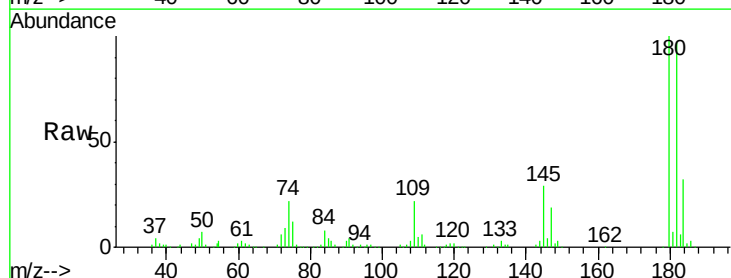


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

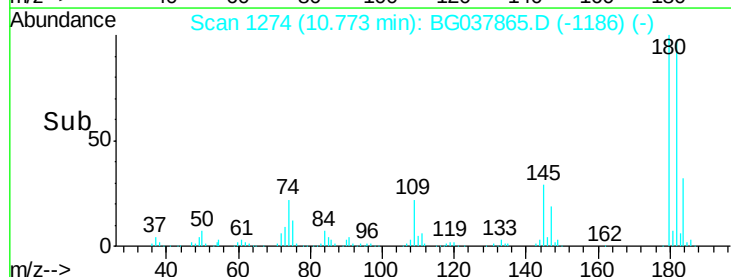
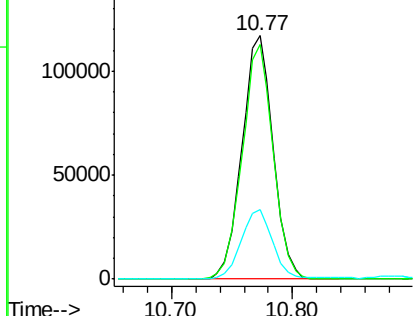


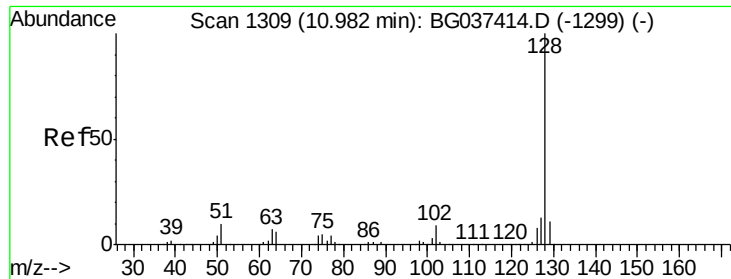
#30
 1,2,4-Trichlorobenzene
 Concen: 44.873 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.7	116.5
145	28.7	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

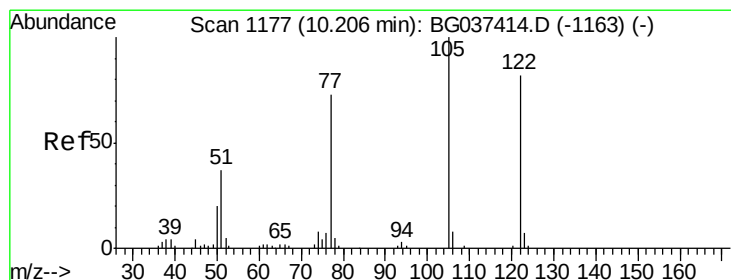
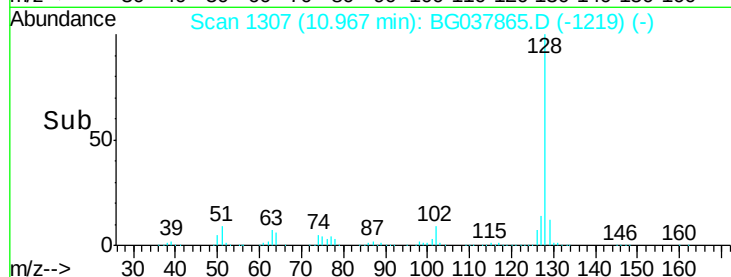
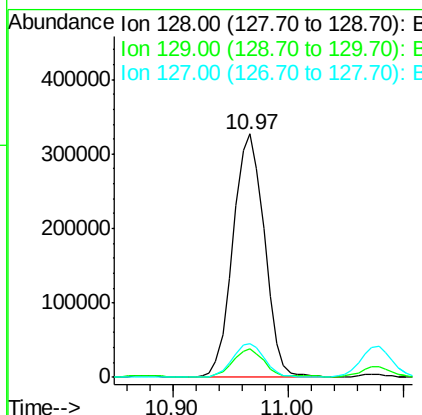
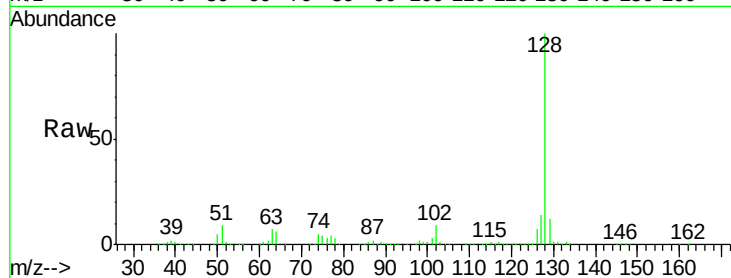




#31
Naphthalene
Concen: 48.768 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

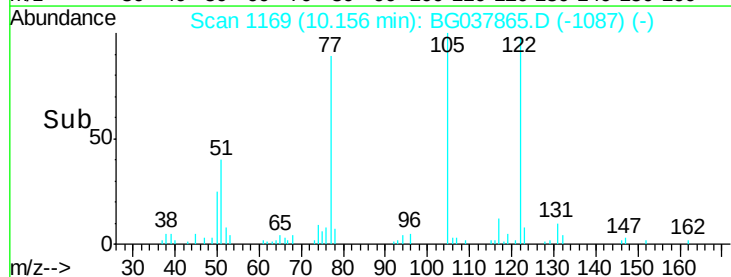
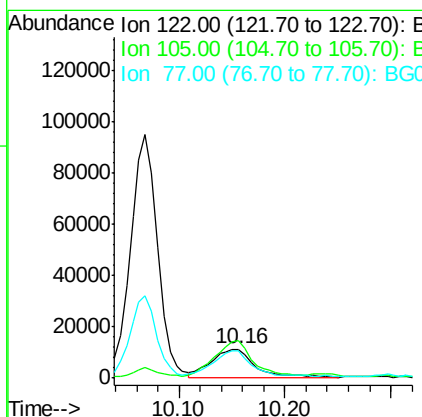
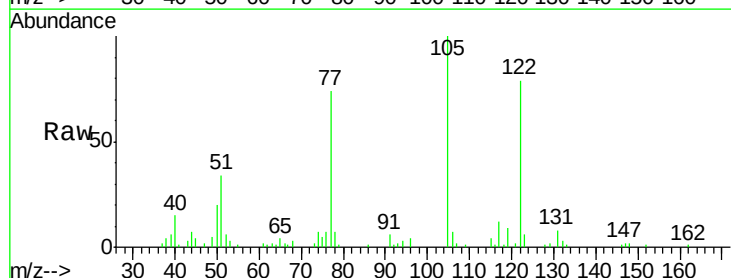
Instrument :
BNA_G
ClientSampleId :
C19013081MSD

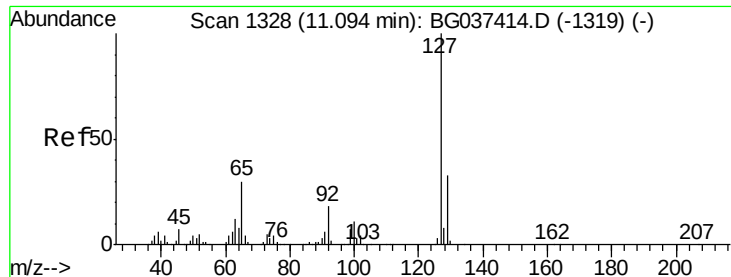
Tgt Ion:128 Resp: 618157
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 12.384 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:122 Resp: 30962
Ion Ratio Lower Upper
122 100
105 127.1 106.7 146.7
77 93.6 72.2 112.2

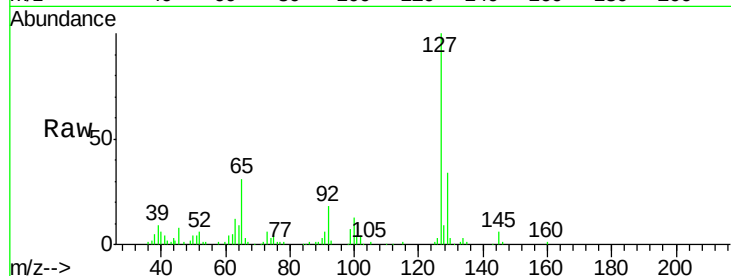




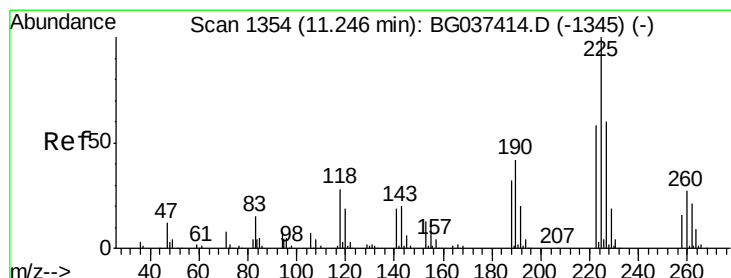
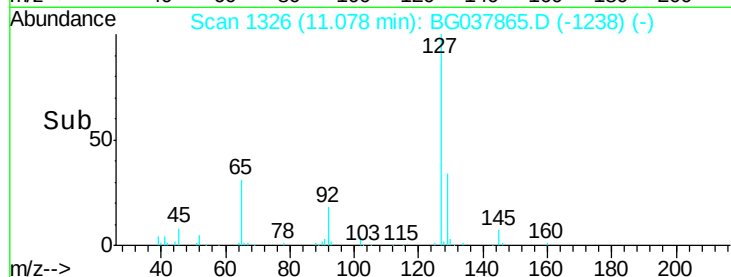
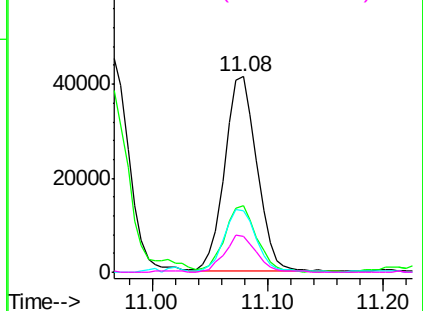
#33
4-Chloroaniline
Concen: 13.440 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:	127	Resp:	80045
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.1	40.7
65	31.3	26.6	39.8
92	18.2	16.4	24.6

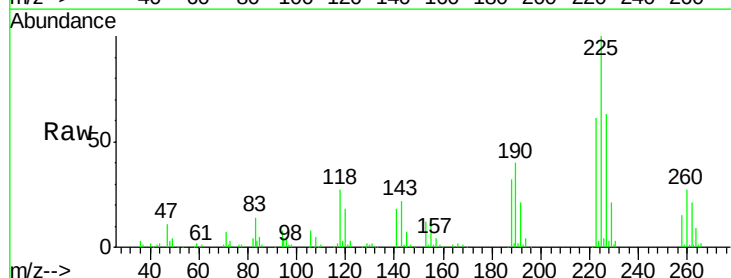


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

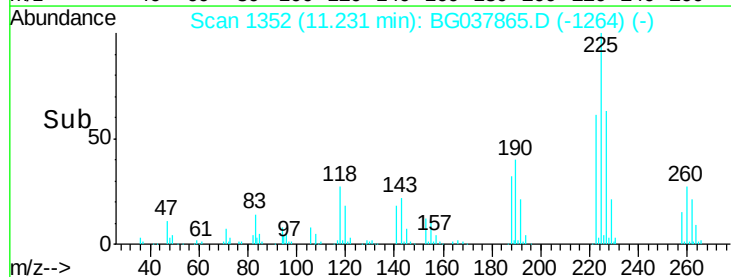
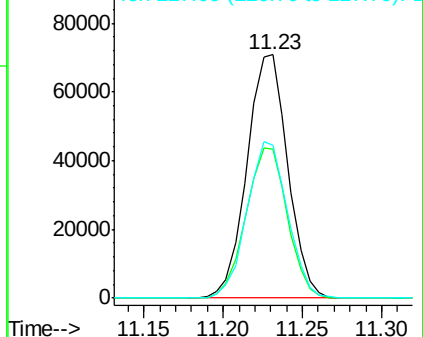


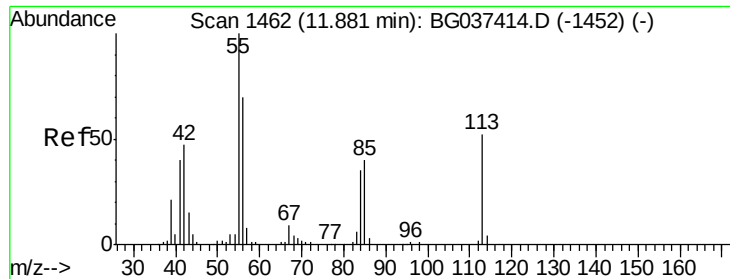
#34
Hexachlorobutadiene
Concen: 45.764 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:	225	Resp:	126418
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	63.0	51.6	77.4



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

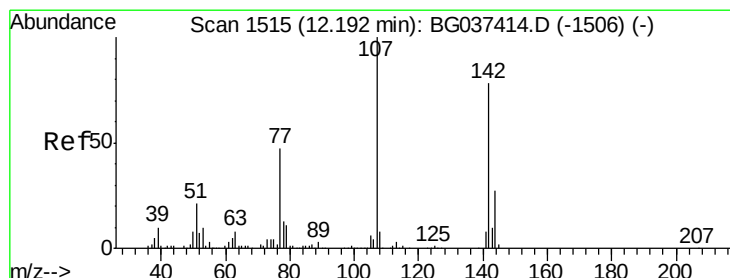
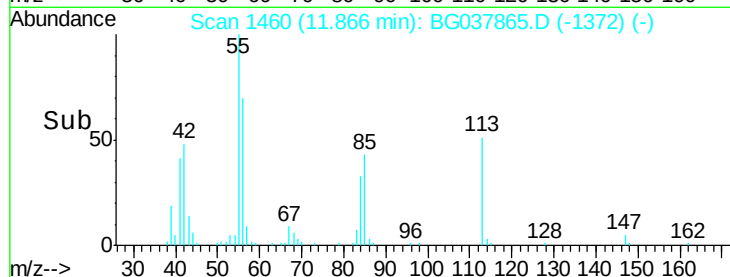
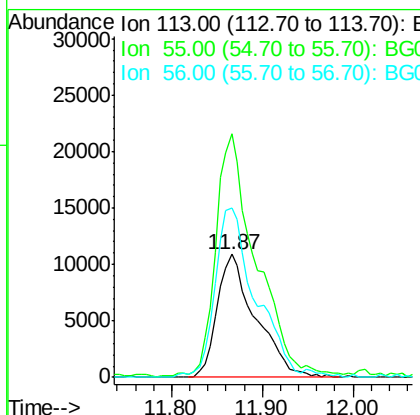
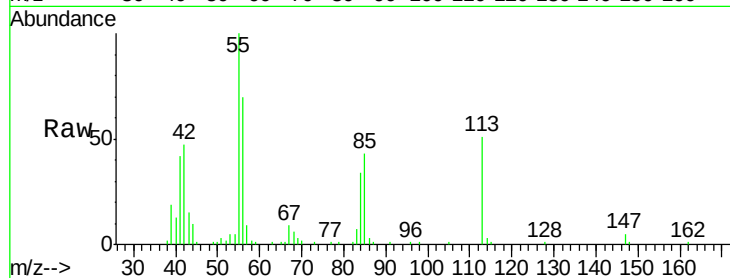




#35
 Caprolactam
 Concen: 18.674 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

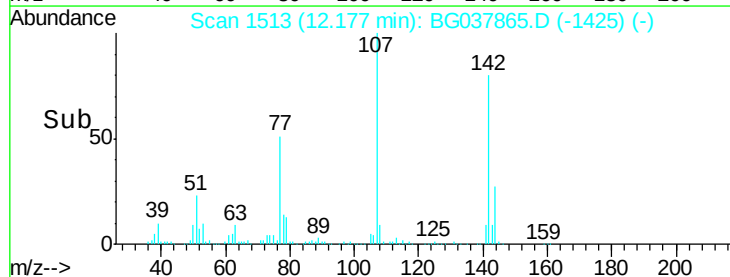
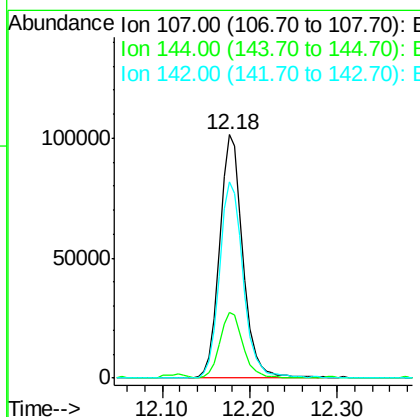
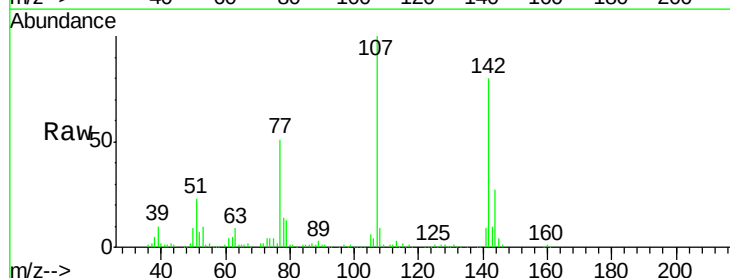
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

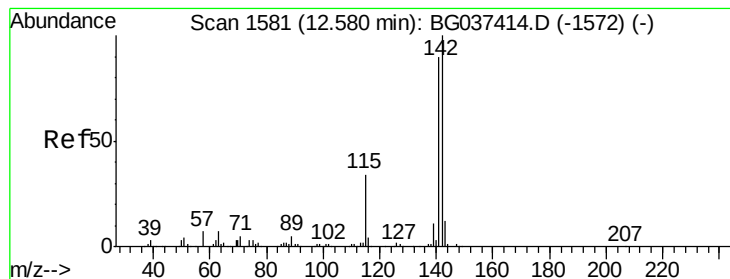
Tgt Ion:113 Resp: 32099
 Ion Ratio Lower Upper
 113 100
 55 197.9 176.6 216.6
 56 137.9 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.685 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion:107 Resp: 186984
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.7 31.1
 142 80.5 64.4 96.6





#37

2-Methylnaphthalene

Concen: 50.725 ng

RT: 12.56 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

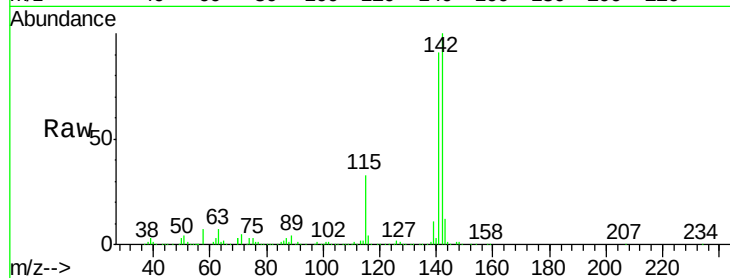
Tgt Ion:142 Resp: 468702

Ion Ratio Lower Upper

142 100

141 90.6 71.9 107.9

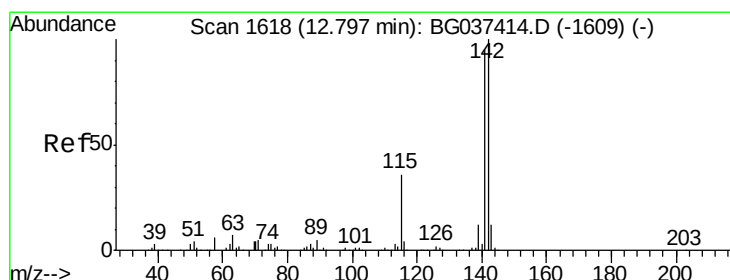
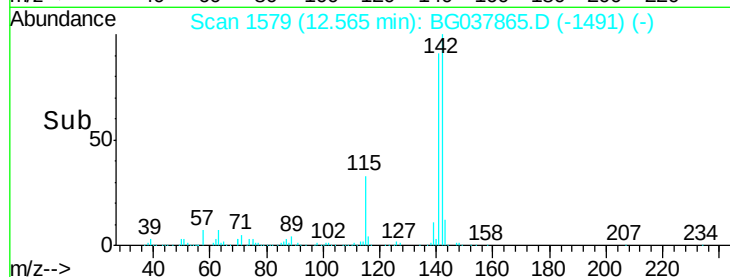
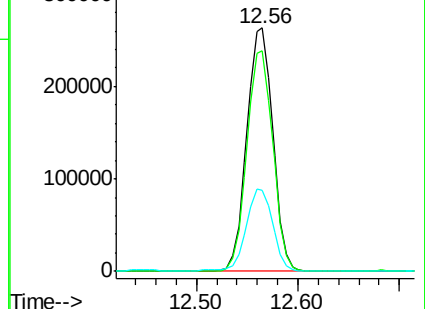
115 33.3 27.8 41.8



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: 51.741 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

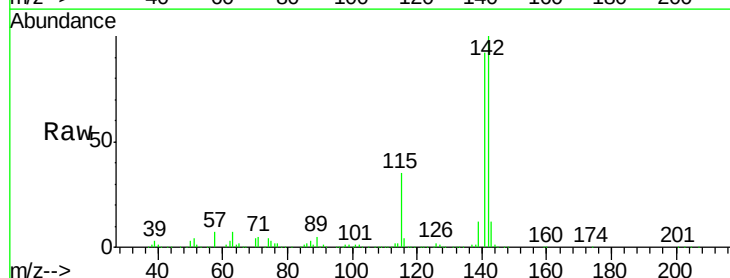
Tgt Ion:142 Resp: 464293

Ion Ratio Lower Upper

142 100

141 91.5 75.2 112.8

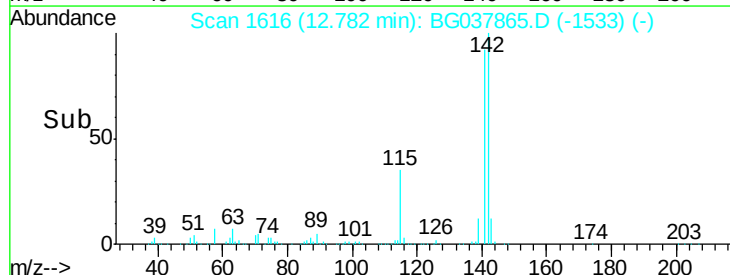
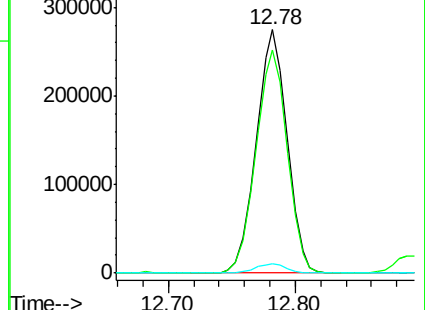
116 3.8 3.3 4.9

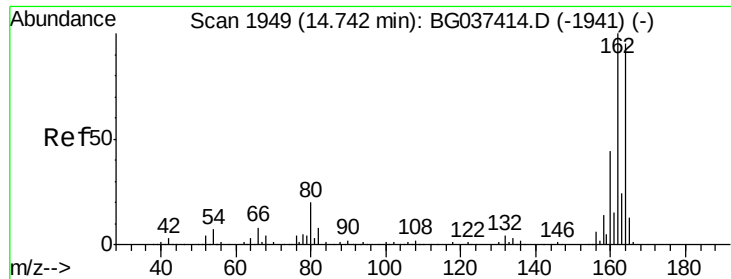


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1947

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

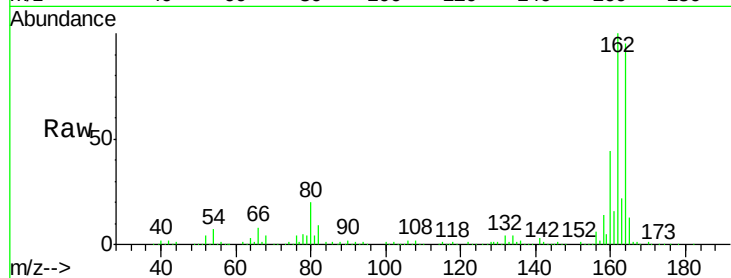
Tgt Ion:164 Resp: 166216

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

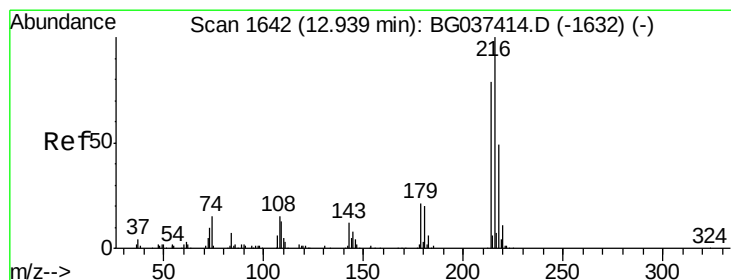
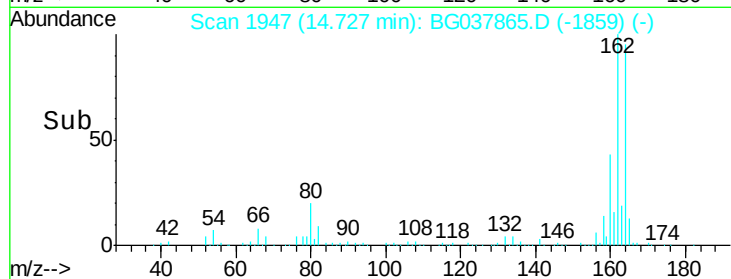
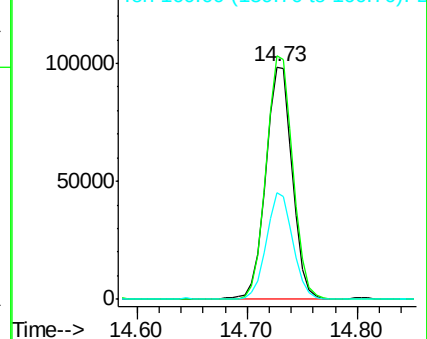
160 45.9 36.3 54.5



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: 45.564 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Tgt Ion:216 Resp: 244286

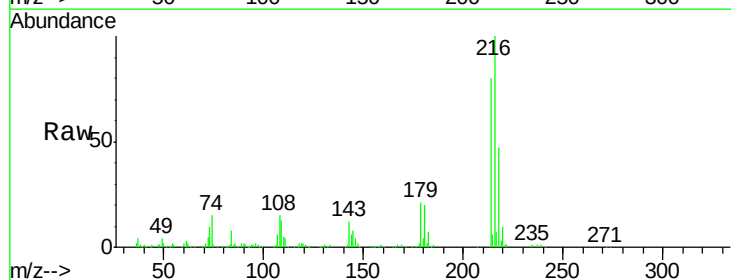
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.0 17.4 26.0

108 18.9 13.9 20.9

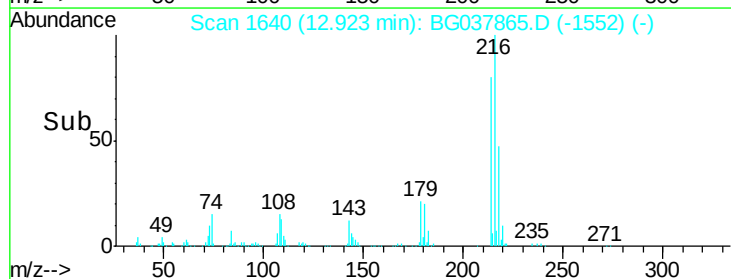
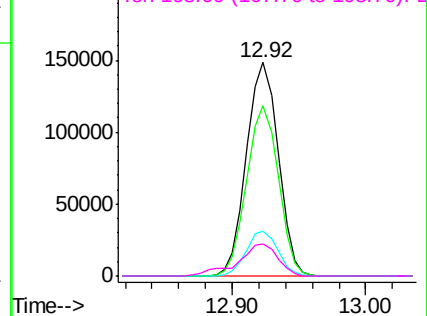


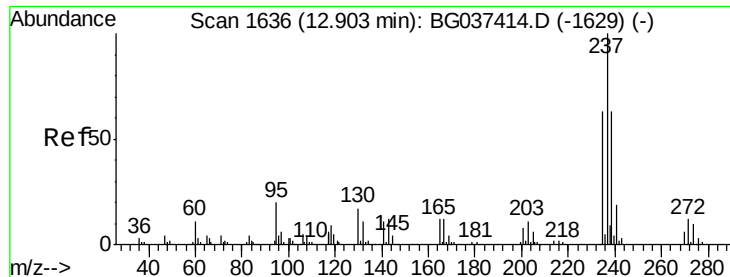
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 111.652 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

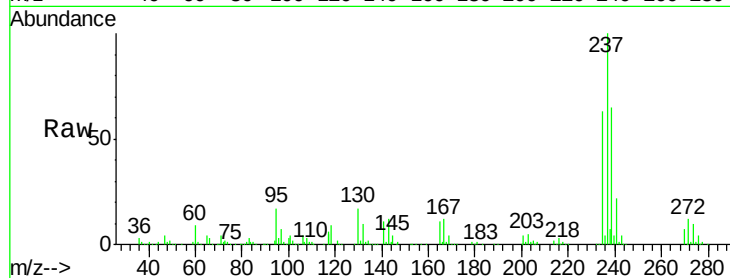
Tgt Ion: 237 Resp: 285939

Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

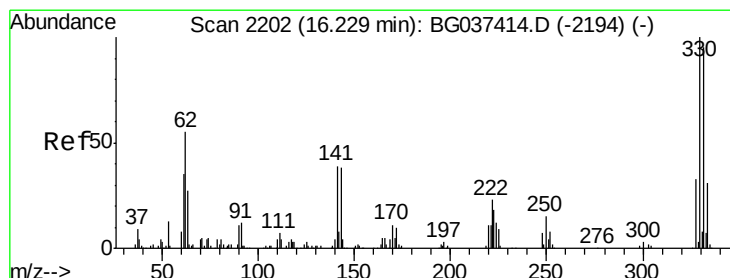
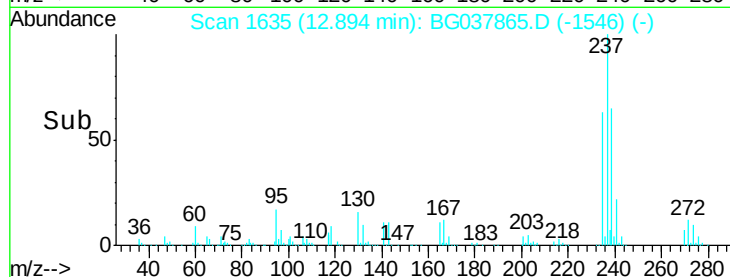
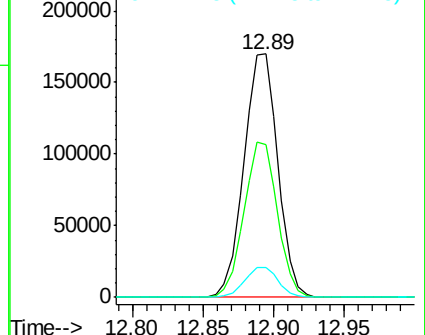
272 12.4 0.0 31.6



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: 112.838 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

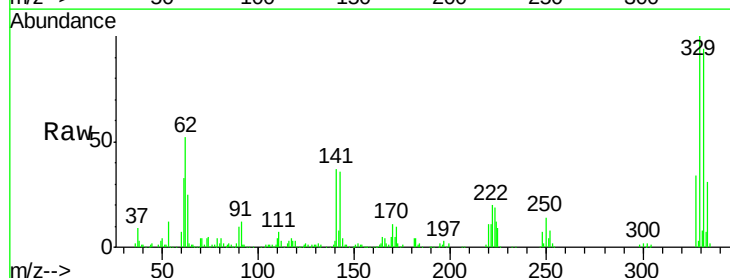
Tgt Ion: 330 Resp: 204564

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

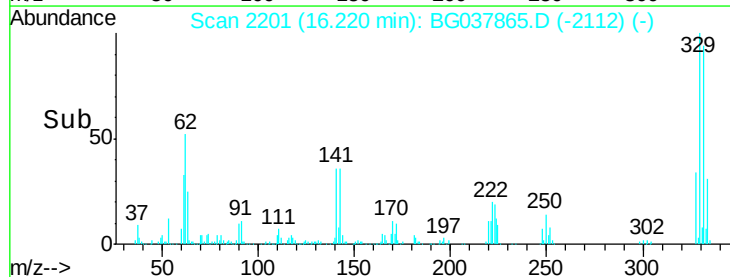
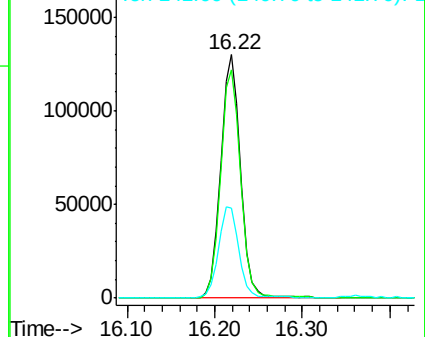
141 38.0 32.2 48.2

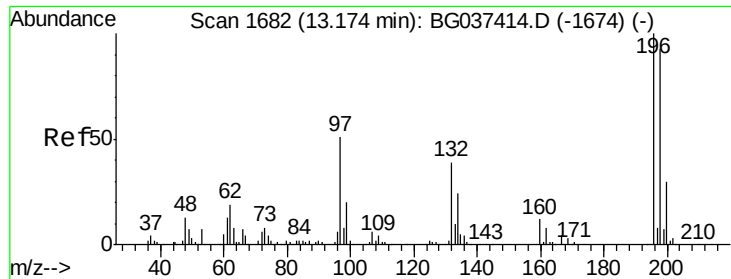


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

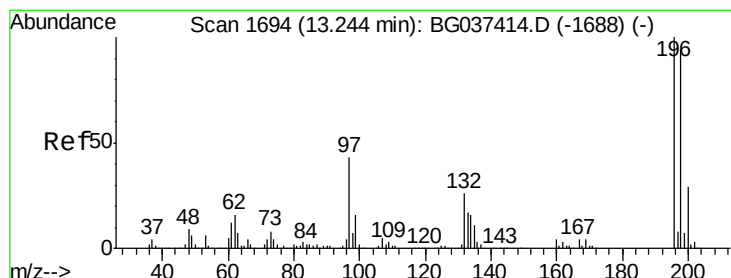
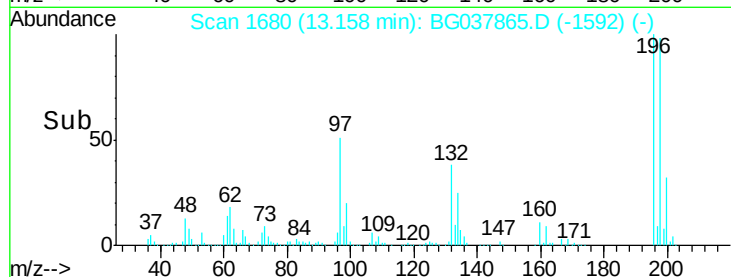
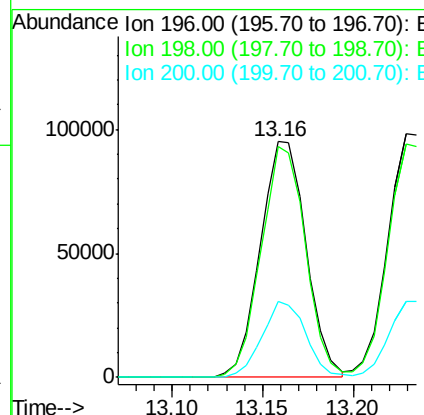
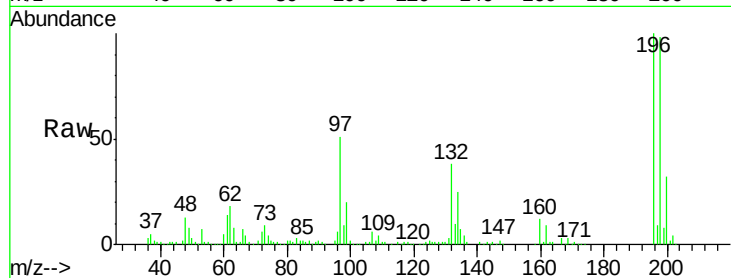




#43
 2,4,6-Trichlorophenol
 Concen: 46.543 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

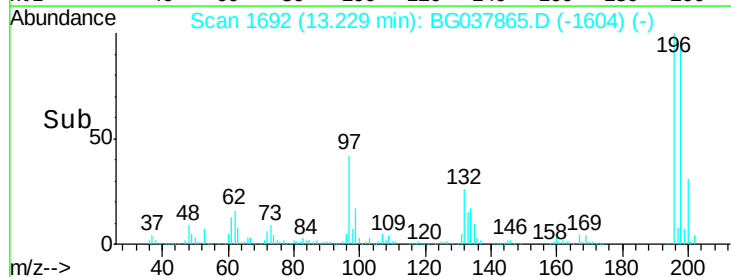
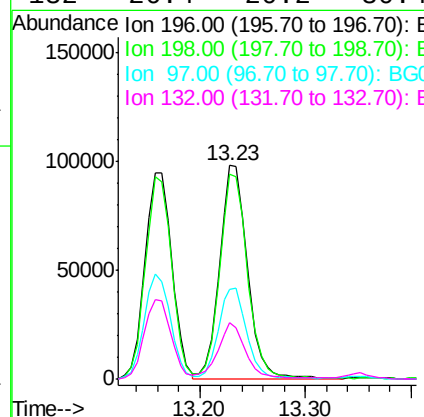
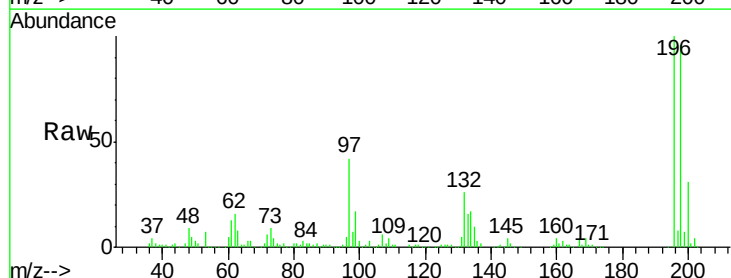
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

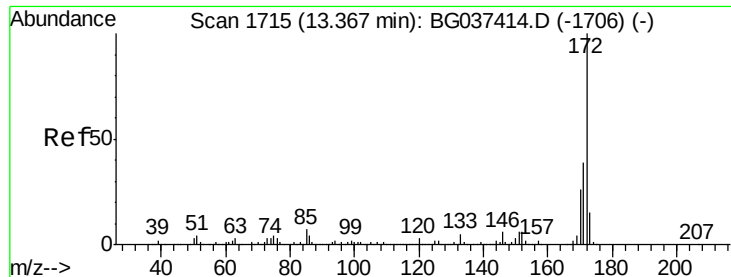
Tgt Ion:196 Resp: 166709
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.4 114.6
 200 32.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.277 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion:196 Resp: 180471
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.2
 97 42.0 34.1 51.1
 132 26.4 20.2 30.4

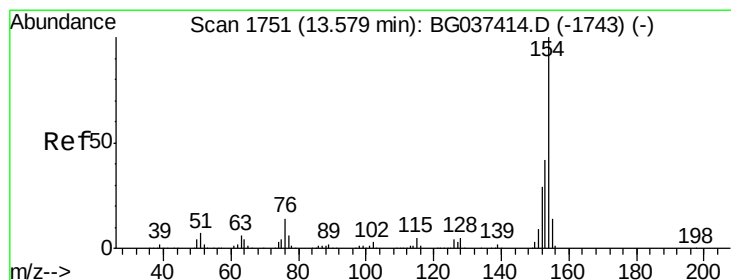
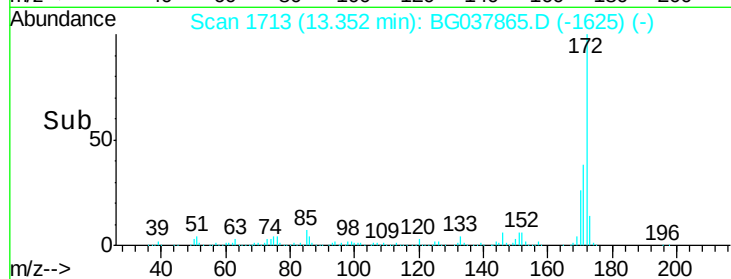
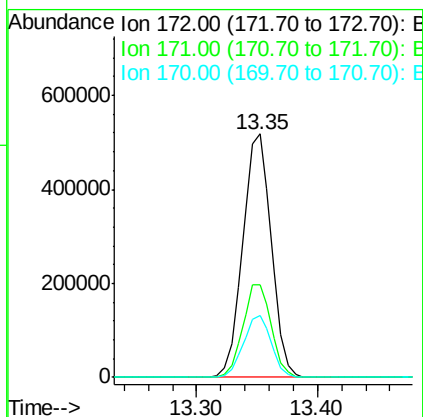
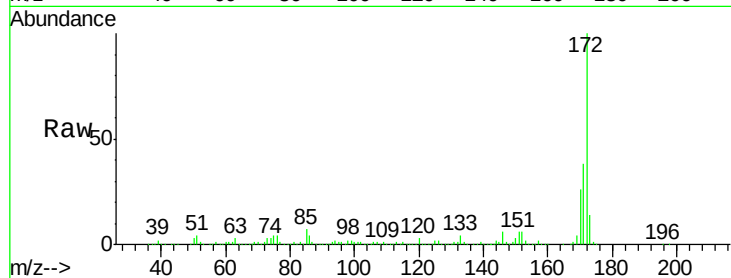




#45
 2-Fluorobiphenyl
 Concen: 77.246 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

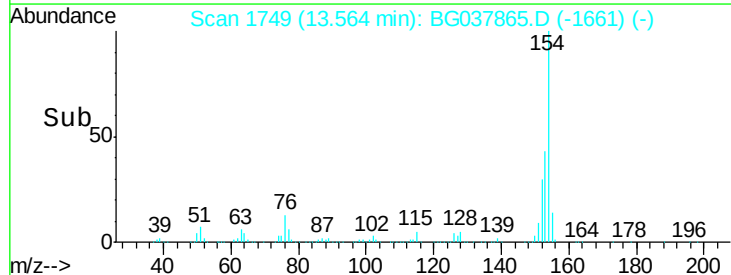
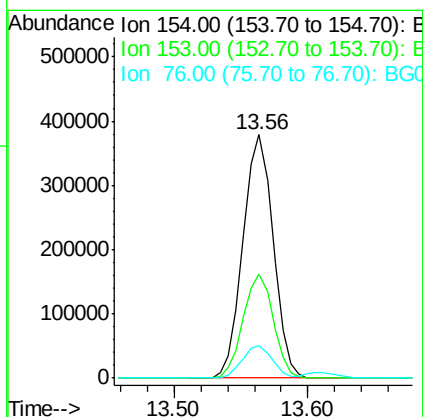
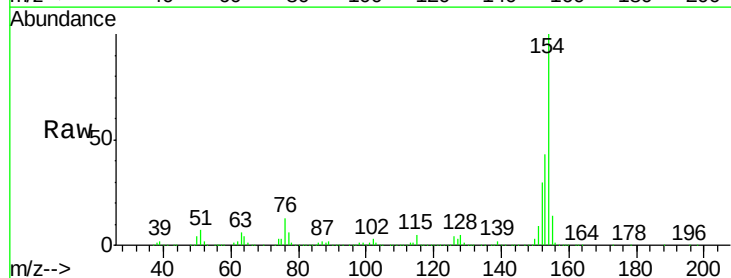
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

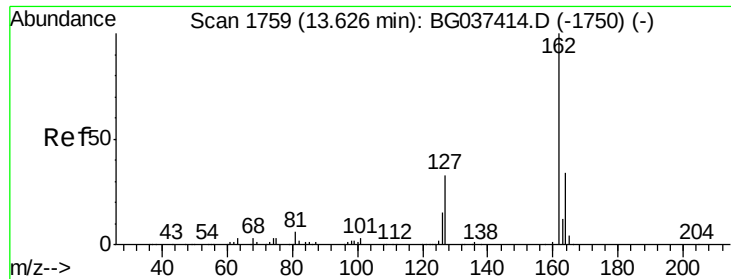
Tgt Ion:172 Resp: 851455
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.6 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 43.010 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion:154 Resp: 592062
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.1 62.1
 76 13.2 0.0 33.2

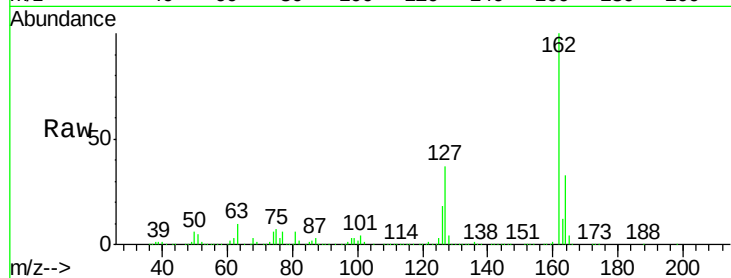




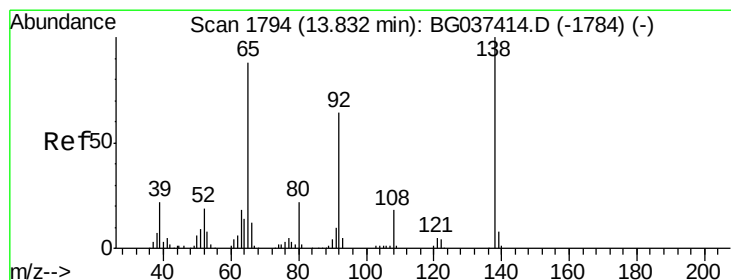
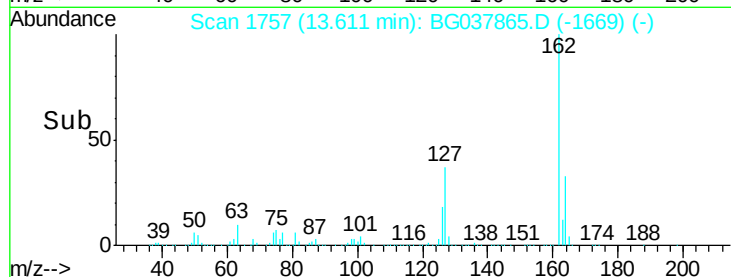
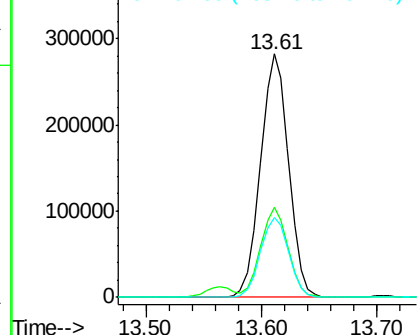
#47
2-Chloronaphthalene
Concen: 45.908 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion: 162 Resp: 478093
Ion Ratio Lower Upper
162 100
127 37.1 30.5 45.7
164 32.8 26.4 39.6

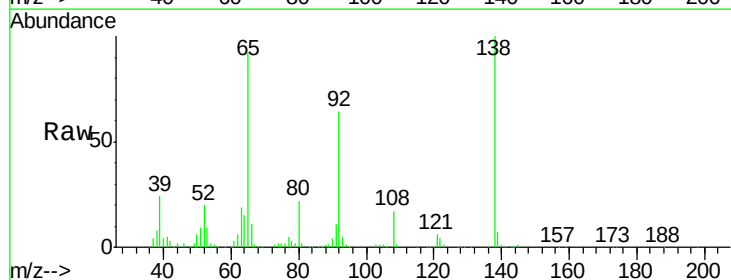


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

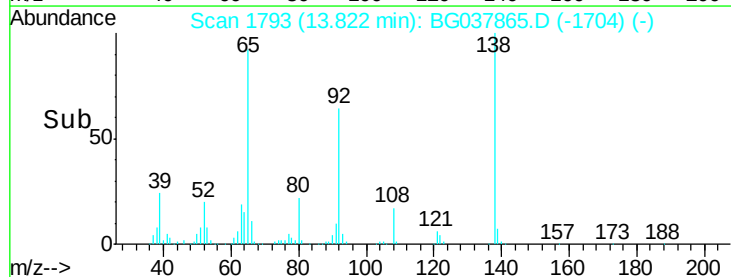
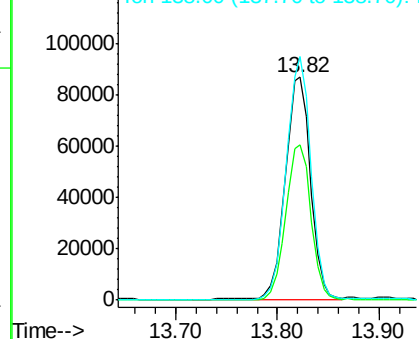


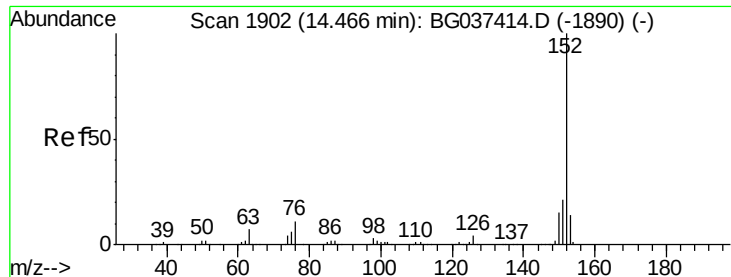
#48
2-Nitroaniline
Concen: 48.532 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion: 65 Resp: 153270
Ion Ratio Lower Upper
65 100
92 69.4 53.2 79.8
138 109.3 79.3 118.9



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





#49

Acenaphthylene

Concen: 48.378 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

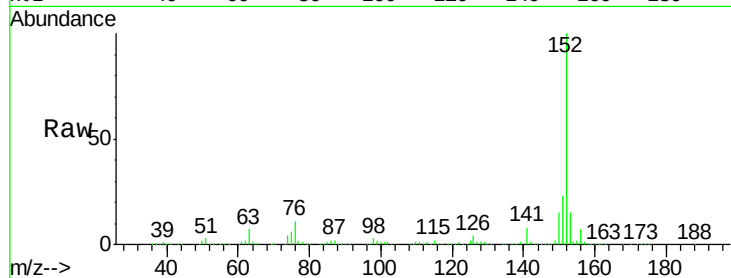
Tgt Ion:152 Resp: 757878

Ion Ratio Lower Upper

152 100

151 23.3 17.1 25.7

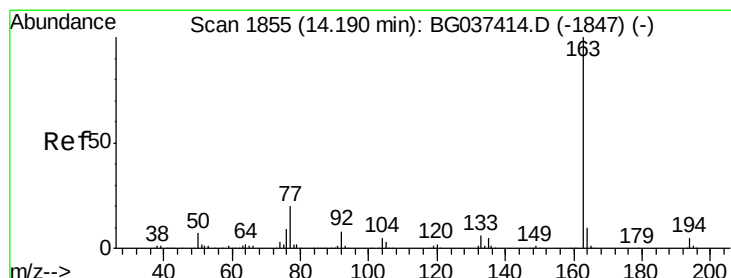
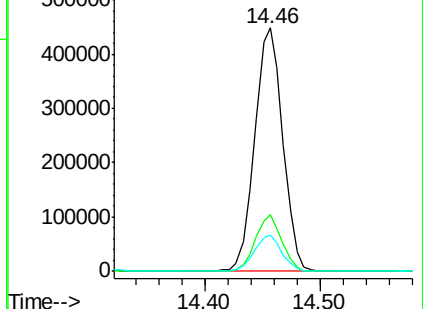
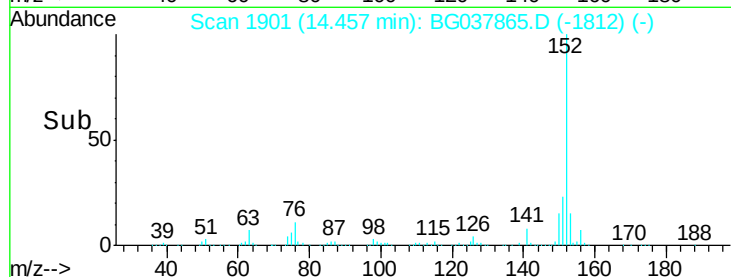
153 14.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.489 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

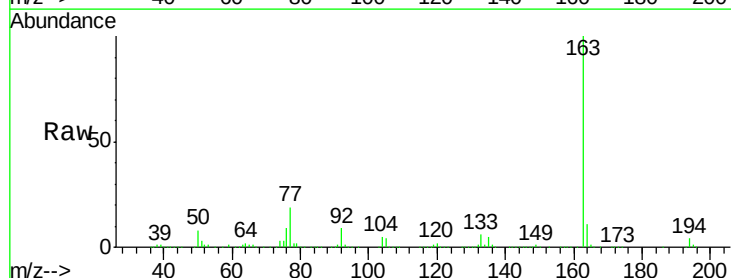
Tgt Ion:163 Resp: 584936

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

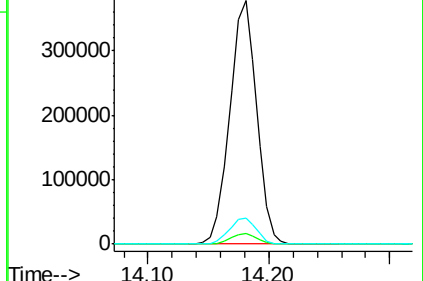
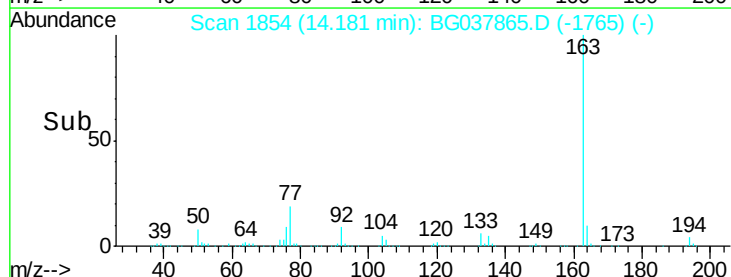
164 10.5 8.5 12.7

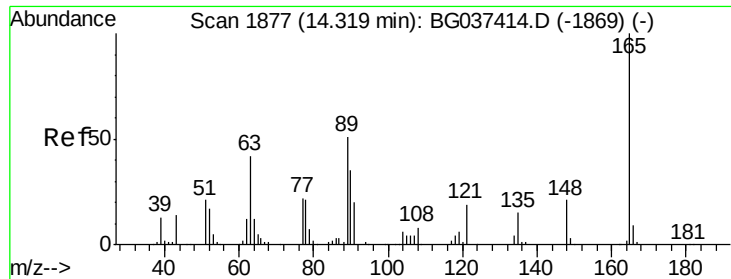


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.038 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

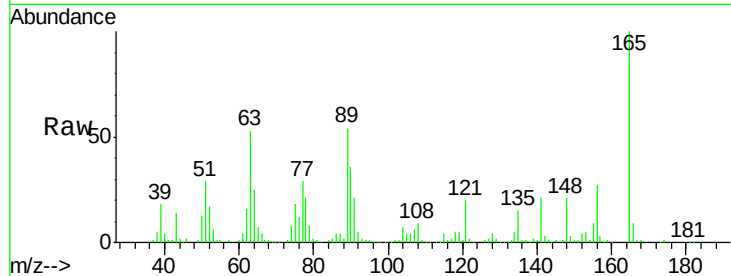
Tgt Ion:165 Resp: 133806

Ion Ratio Lower Upper

165 100

63 52.9 43.4 65.2

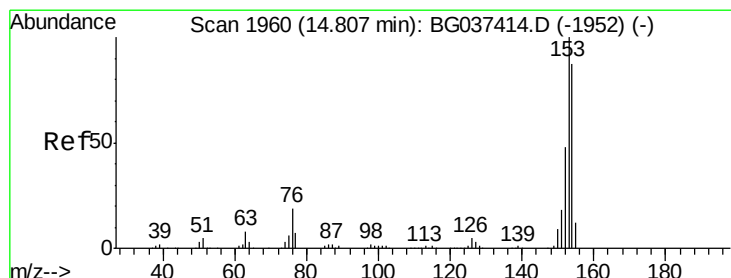
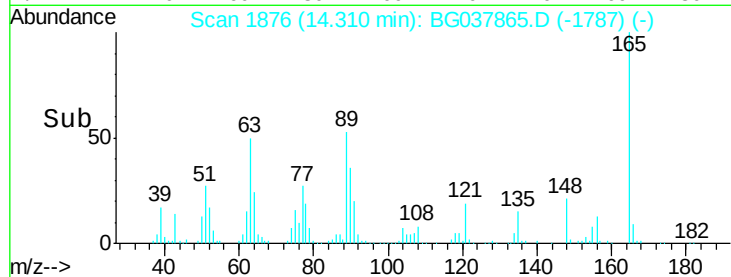
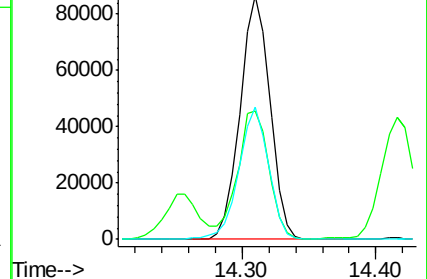
89 54.4 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.899 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

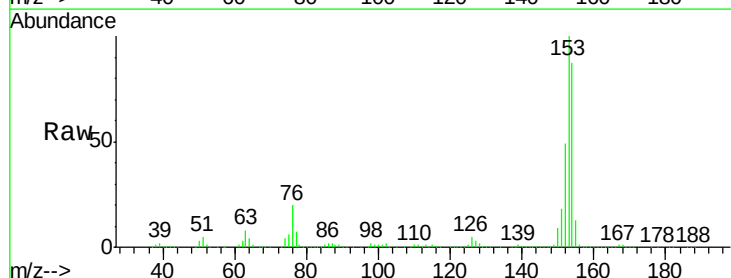
Tgt Ion:154 Resp: 462136

Ion Ratio Lower Upper

154 100

153 115.0 93.4 140.0

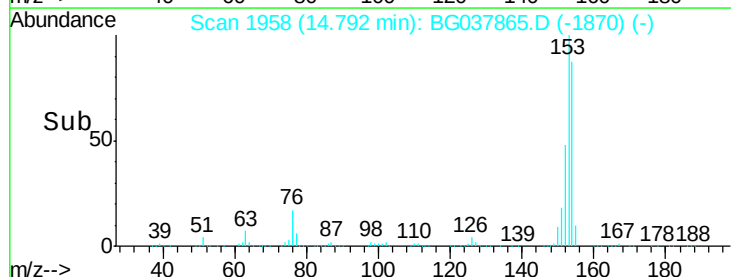
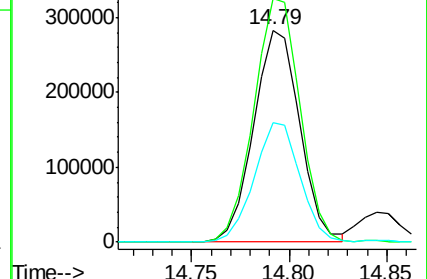
152 56.3 44.7 67.1

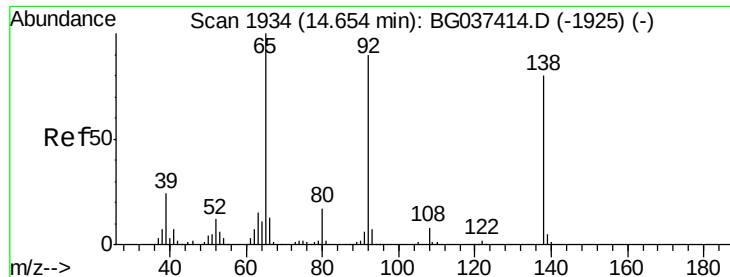


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.238 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

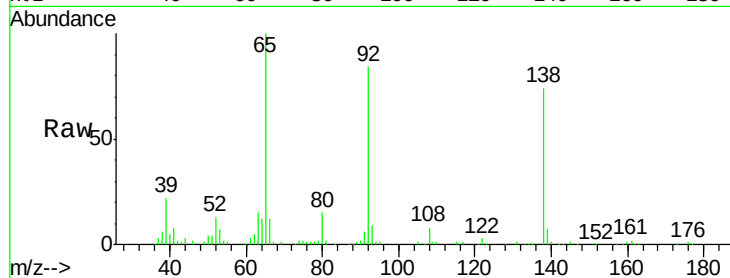
Tgt Ion:138 Resp: 63909

Ion Ratio Lower Upper

138 100

108 10.9 11.0 16.6#

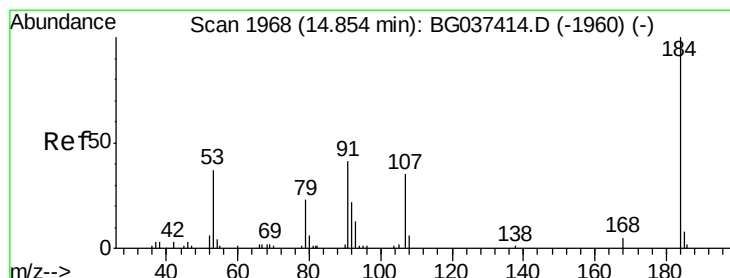
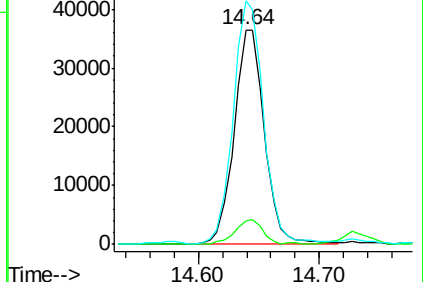
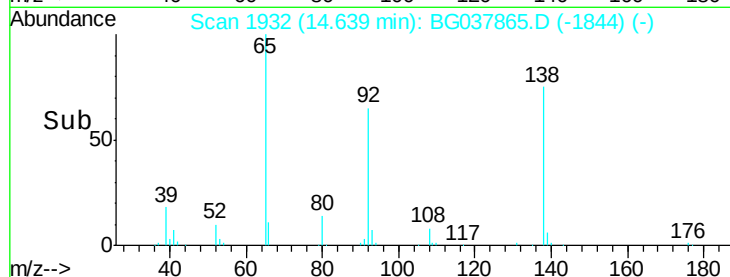
92 113.6 95.2 142.8



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: 88.934 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

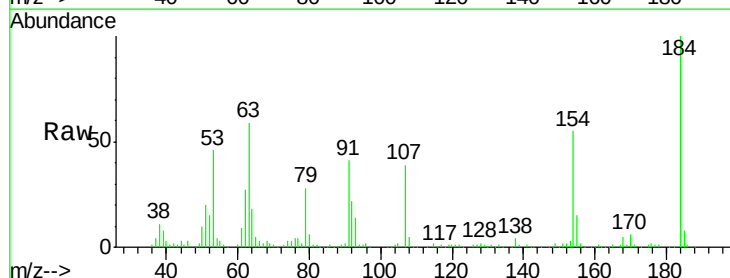
Tgt Ion:184 Resp: 120528

Ion Ratio Lower Upper

184 100

63 58.9 42.6 63.8

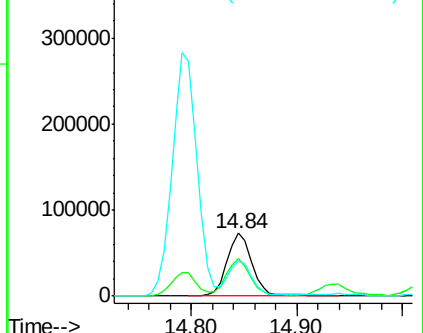
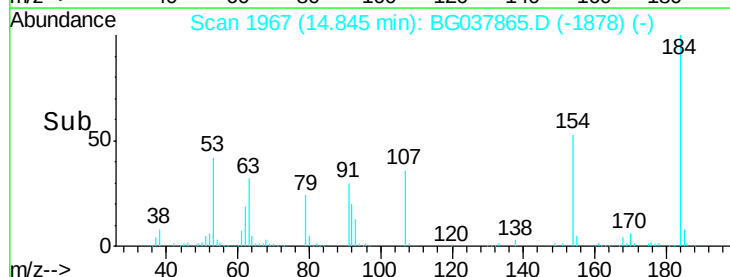
154 55.1 41.8 62.6

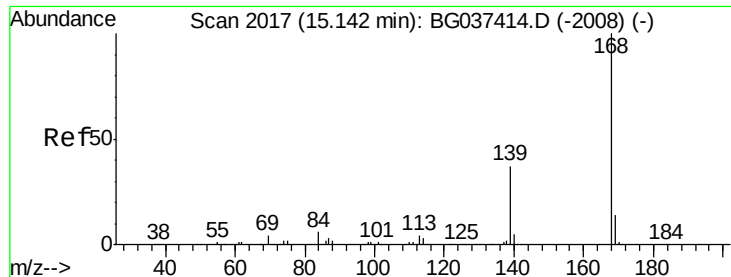


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

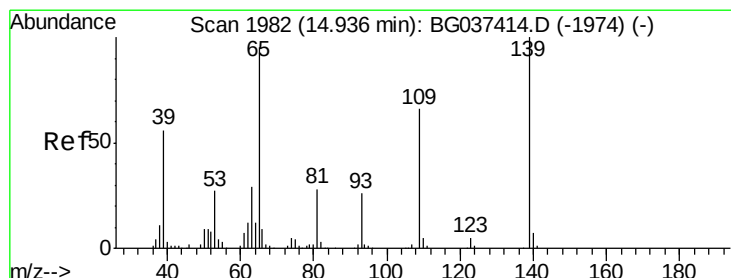
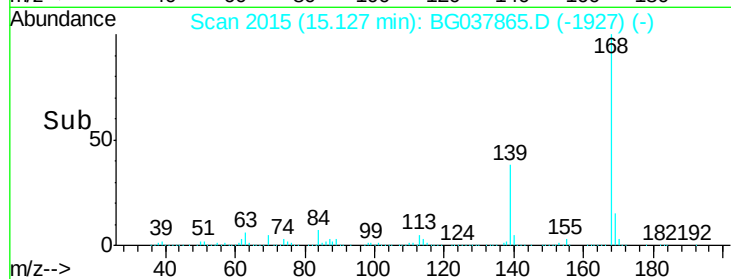
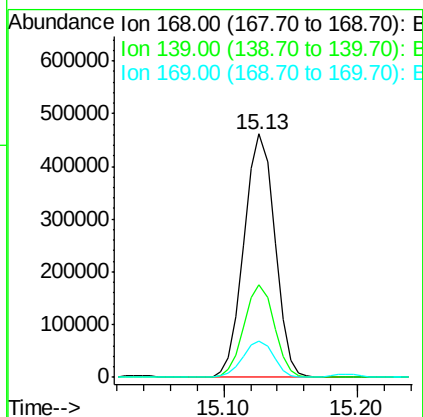
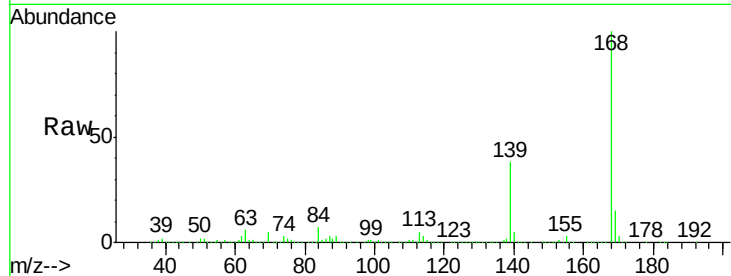




#55
Dibenzenofuran
Concen: 46.005 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

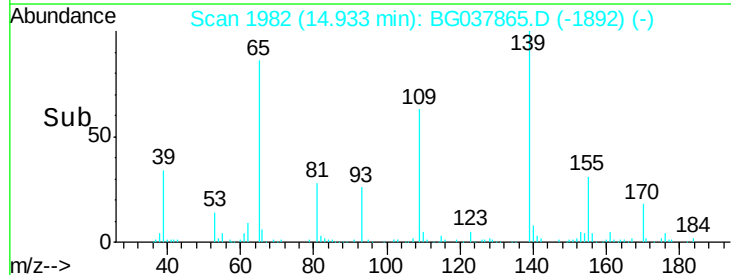
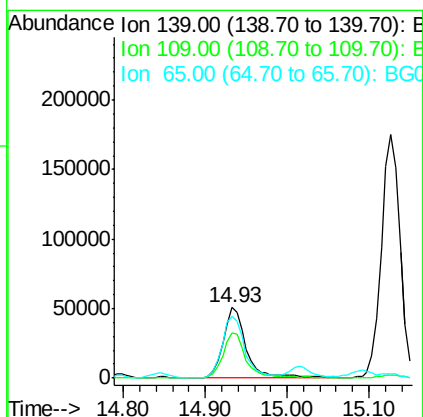
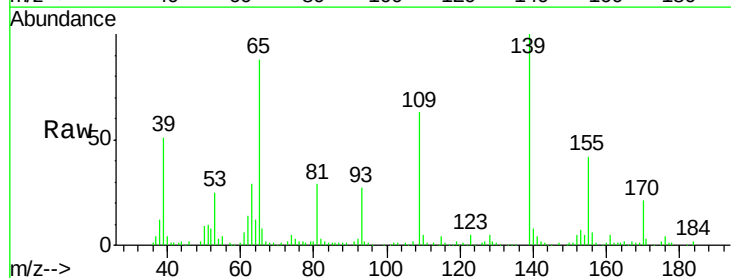
Instrument :
BNA_G
ClientSampleId :
C19013081MSD

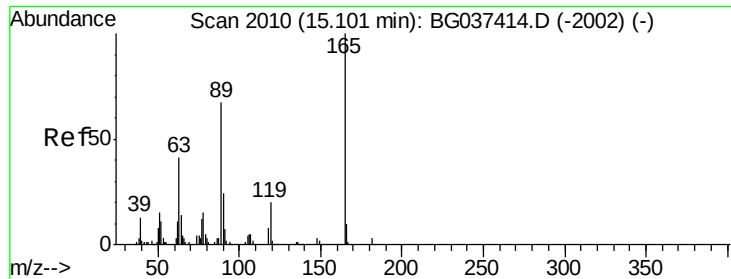
Tgt Ion:168 Resp: 735403
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0
169 14.9 11.0 16.6



#56
4-Nitrophenol
Concen: 42.857 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:139 Resp: 100177
Ion Ratio Lower Upper
139 100
109 63.2 49.5 89.5
65 87.9 76.8 116.8

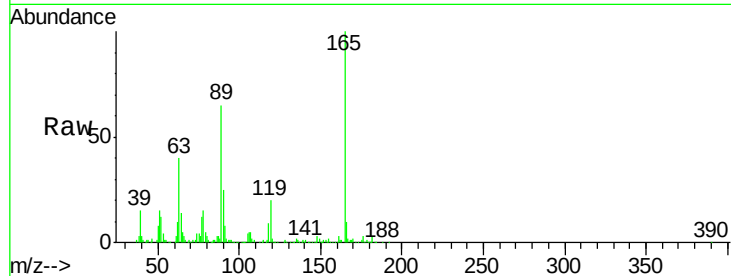




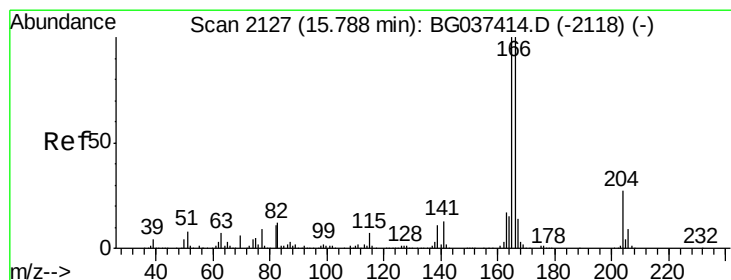
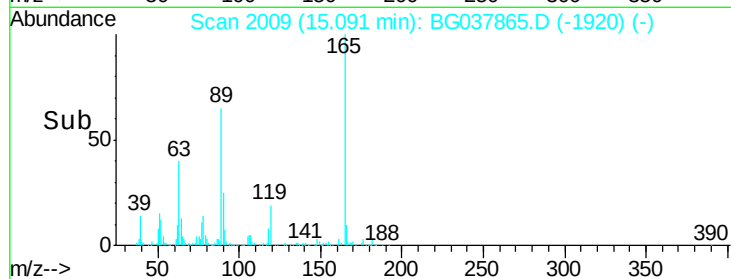
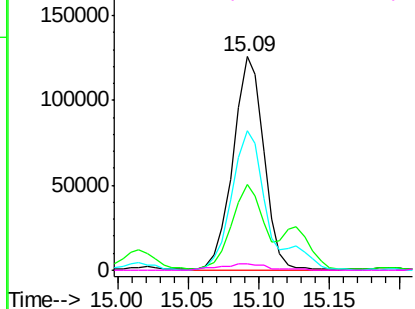
#57
2,4-Dinitrotoluene
Concen: 51.080 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:165 Resp: 190733
Ion Ratio Lower Upper
165 100
63 40.2 33.4 50.0
89 65.2 57.2 85.8
182 2.9 2.6 4.0

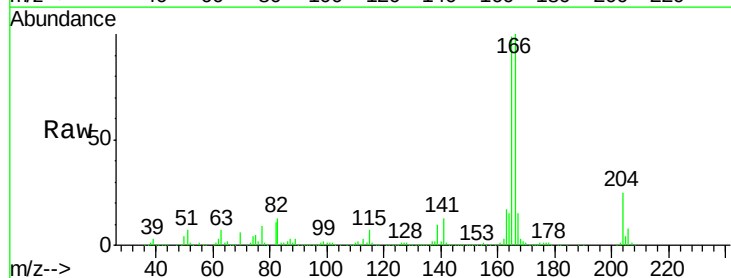


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

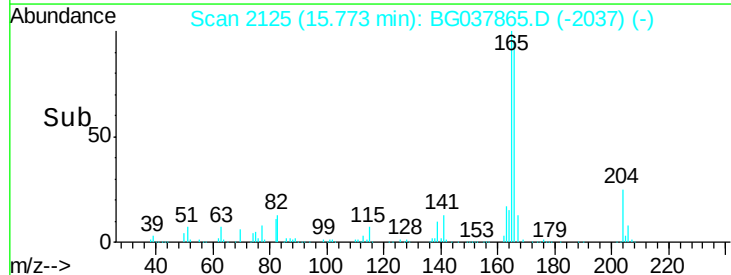
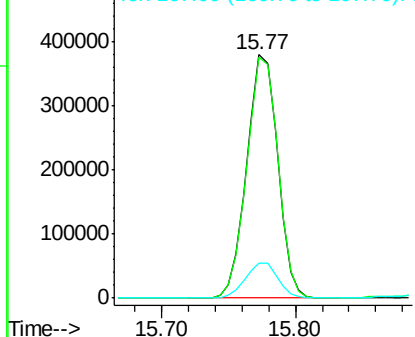


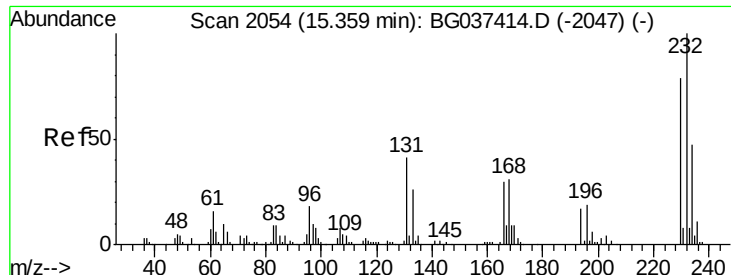
#58
Fluorene
Concen: 50.747 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:166 Resp: 607476
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 14.6 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

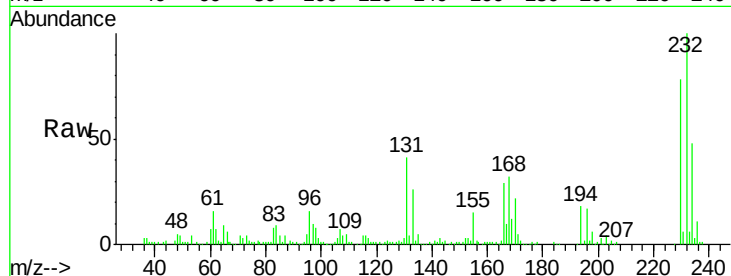




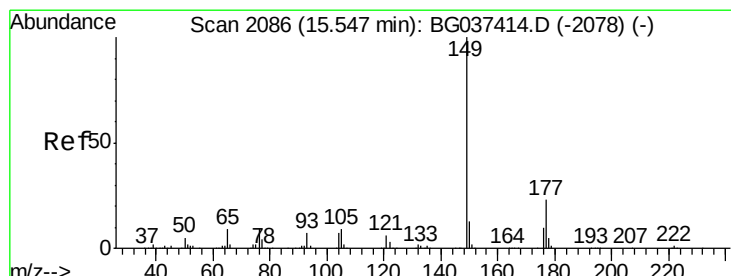
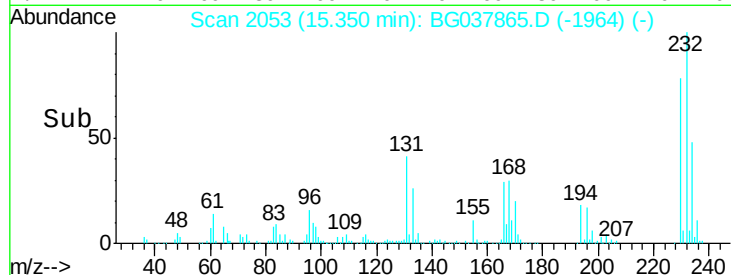
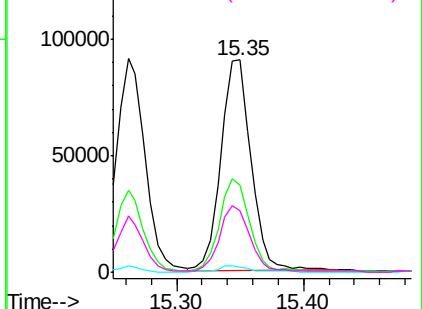
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.658 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

Tgt Ion:	232	Resp:	149115
Ion	Ratio	Lower	Upper
232	100		
131	43.4	33.7	50.5
130	3.5	2.1	3.1#
166	32.1	24.6	36.8

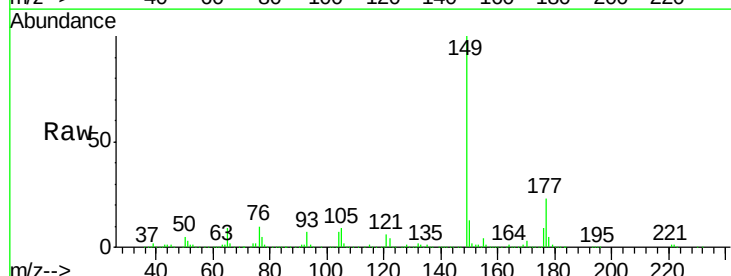


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

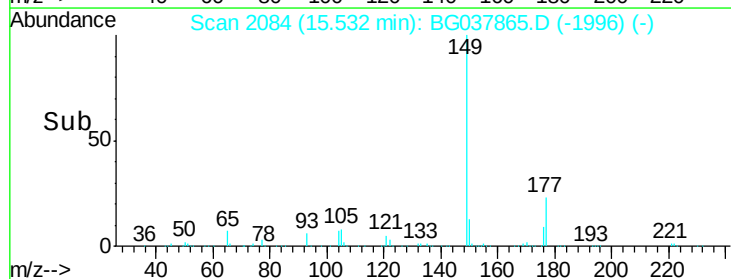
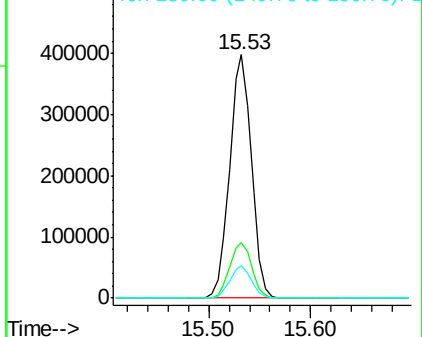


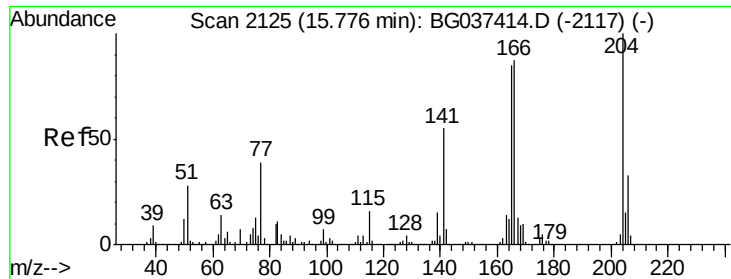
#60
 Diethylphthalate
 Concen: 44.750 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion:	149	Resp:	590767
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	13.3	10.0	15.0



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

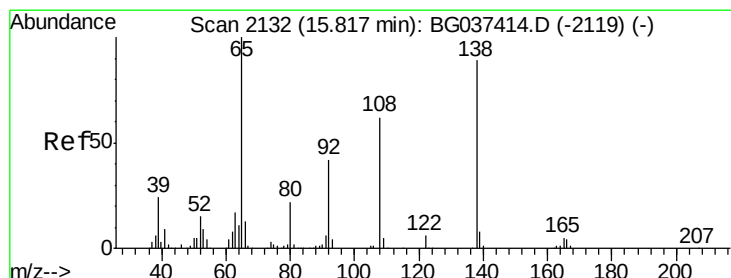
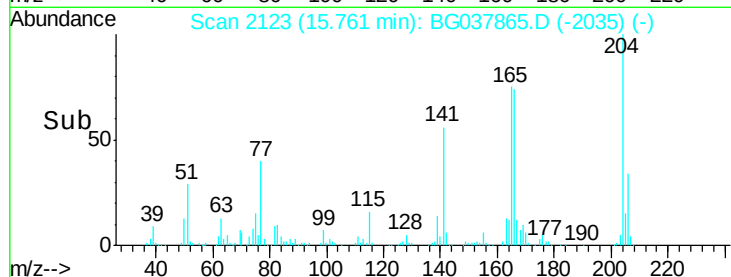
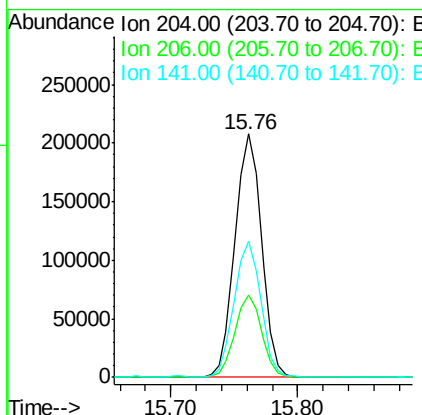
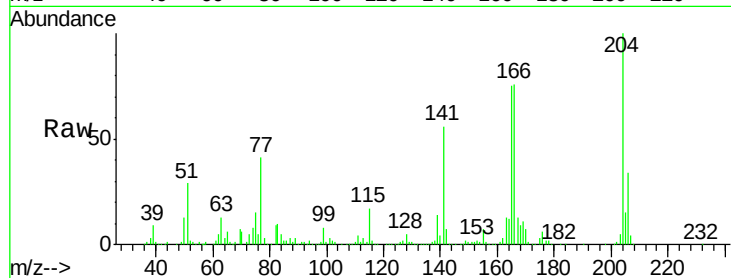




#61
4-Chlorophenyl-phenylether
Concen: 43.231 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

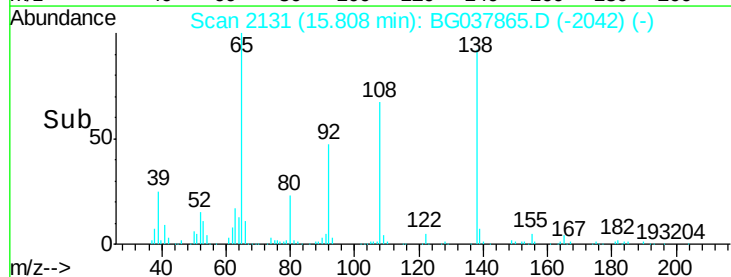
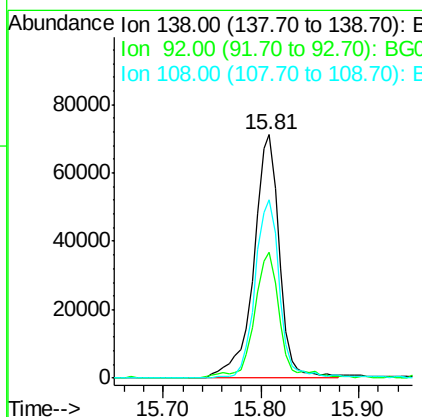
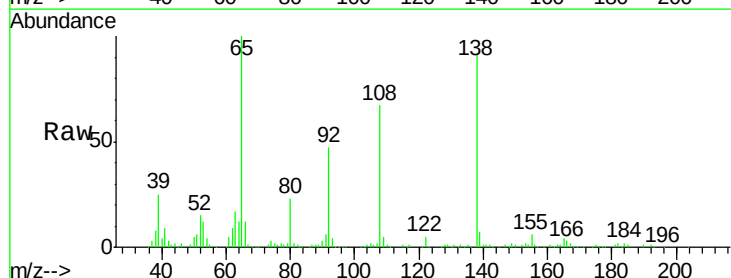
Instrument :
BNA_G
ClientSampleId :
C19013081MSD

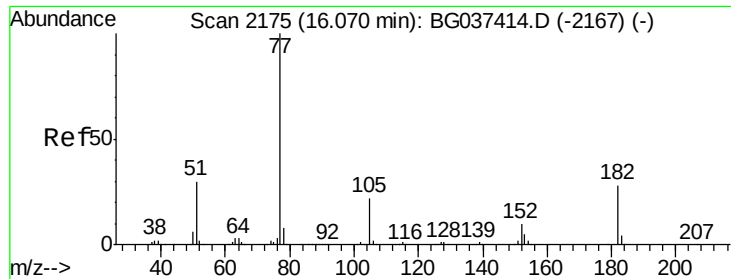
Tgt Ion:204 Resp: 301630
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 56.2 45.4 68.2



#62
4-Nitroaniline
Concen: 41.688 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:138 Resp: 130815
Ion Ratio Lower Upper
138 100
92 51.6 36.4 76.4
108 73.4 60.1 100.1

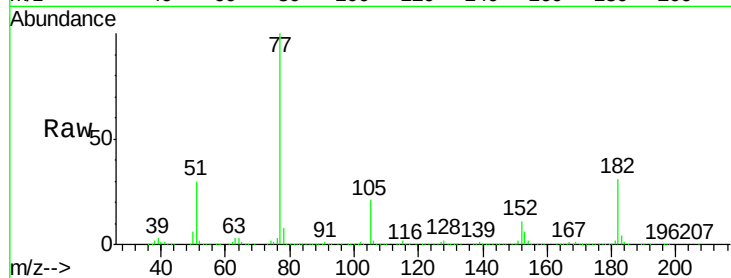




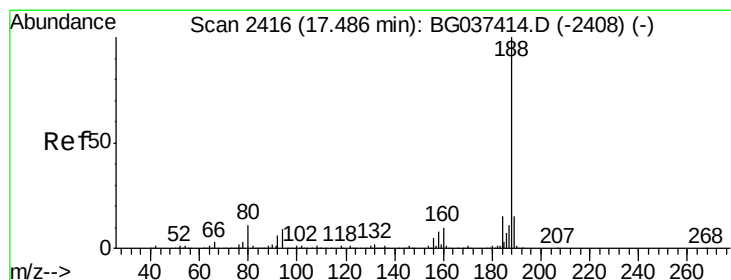
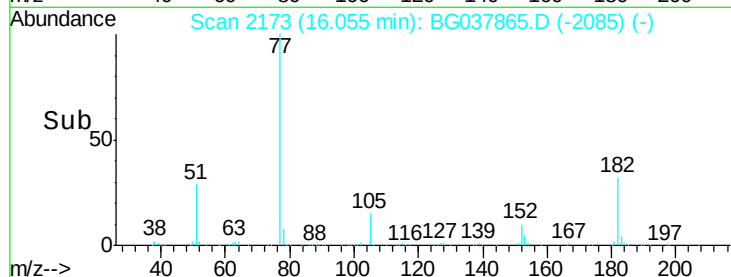
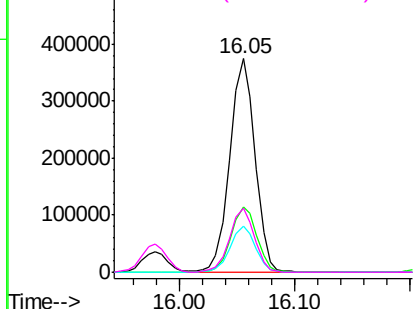
#63
Azobenzene
Concen: 44.711 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion: 77 Resp: 563168
Ion Ratio Lower Upper
77 100
182 30.8 8.0 48.0
105 21.5 1.3 41.3
51 30.2 10.7 50.7

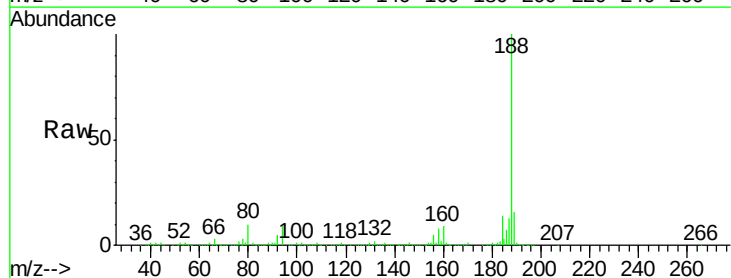


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

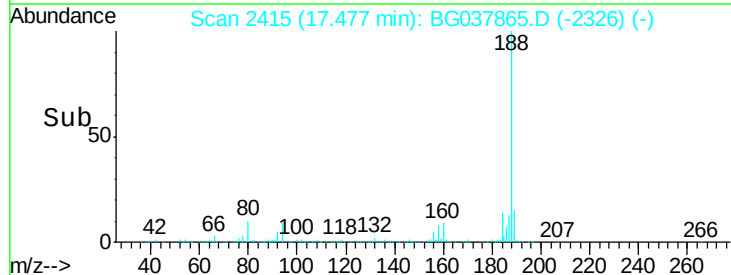
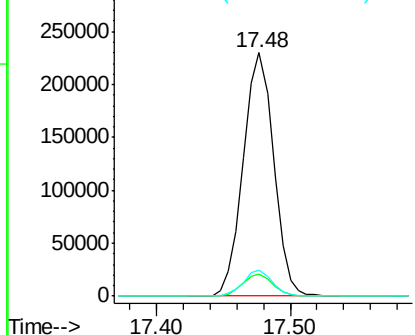


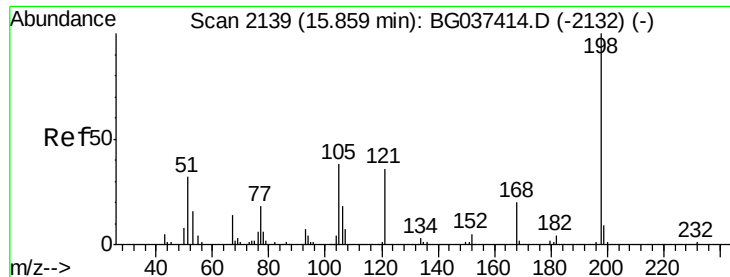
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion: 188 Resp: 361666
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.5 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: 50.828 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

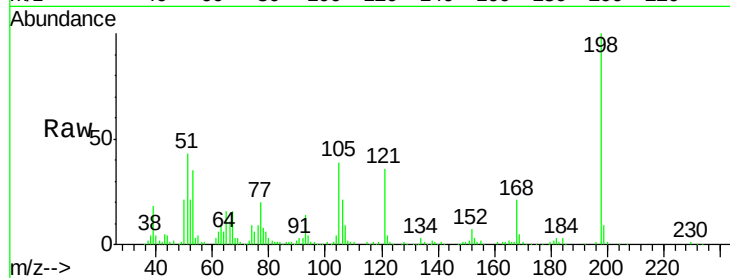
Tgt Ion:198 Resp: 97622

Ion Ratio Lower Upper

198 100

51 43.4 22.7 62.7

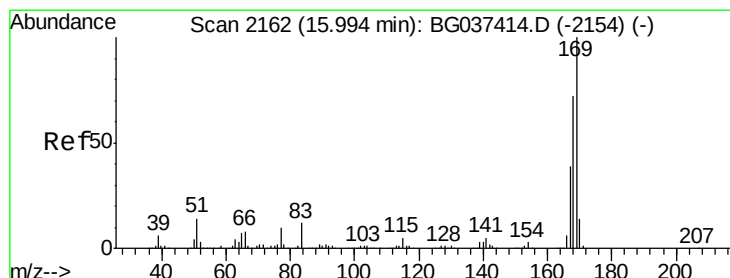
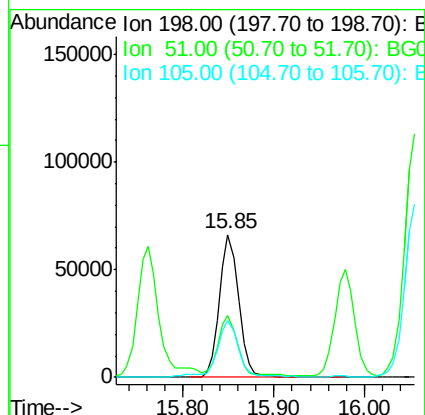
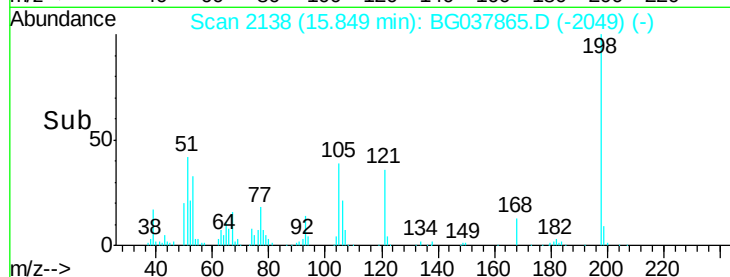
105 39.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.896 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

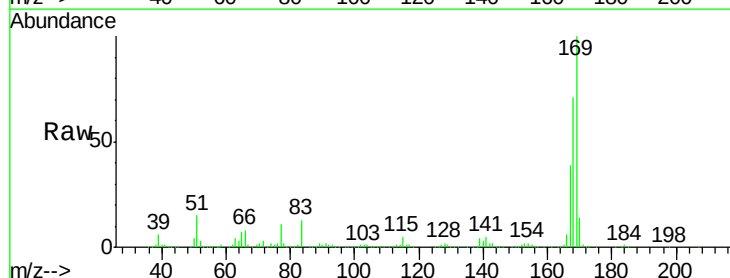
Tgt Ion:169 Resp: 510176

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

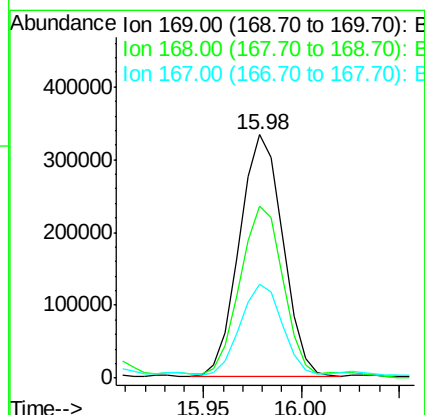
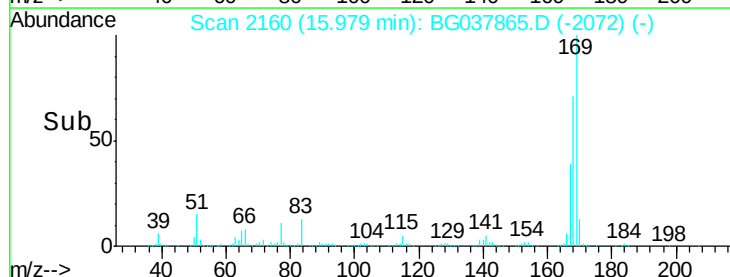
167 38.6 31.3 46.9

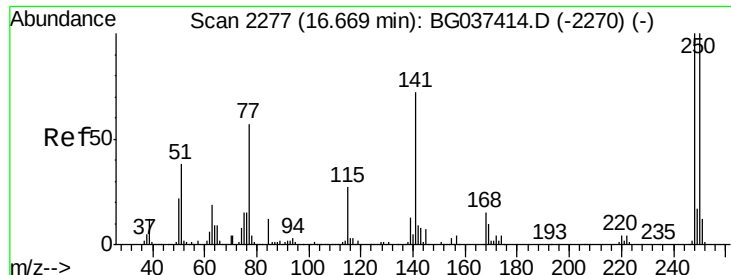


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

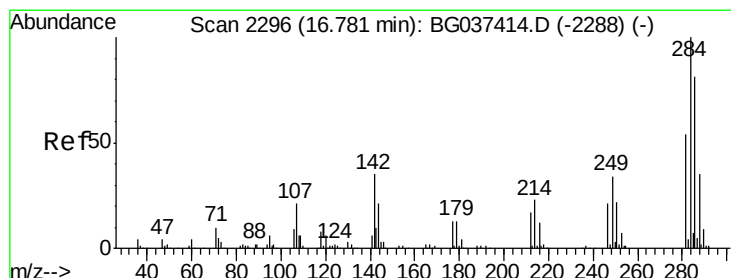
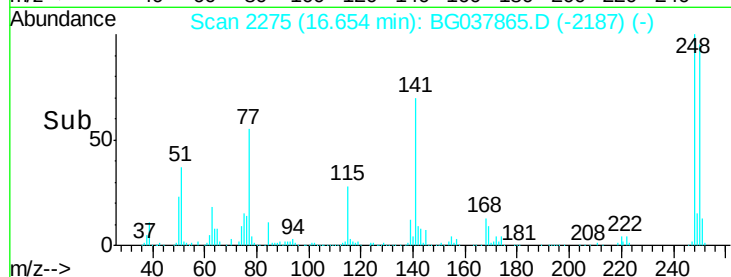
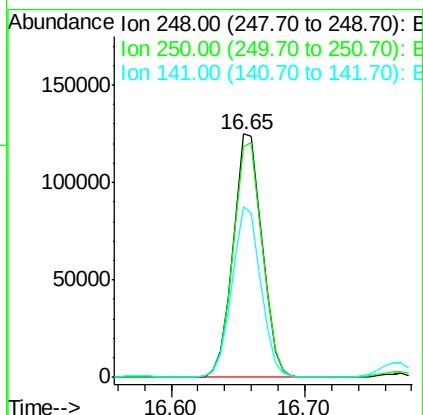
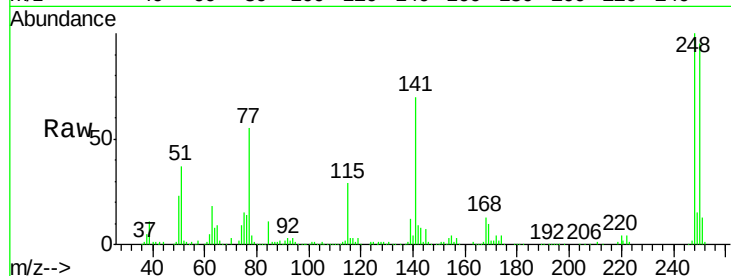




#67
 4-Bromophenyl-phenylether
 Concen: 47.396 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

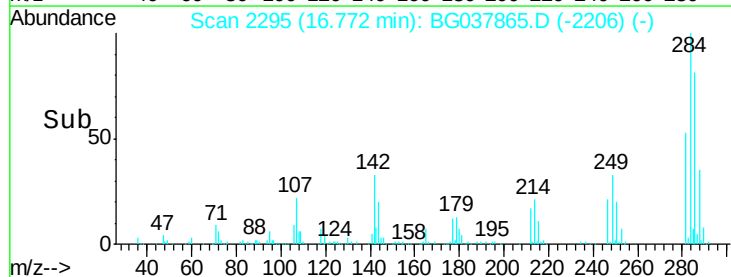
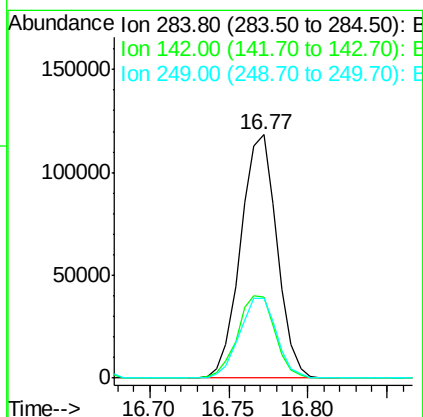
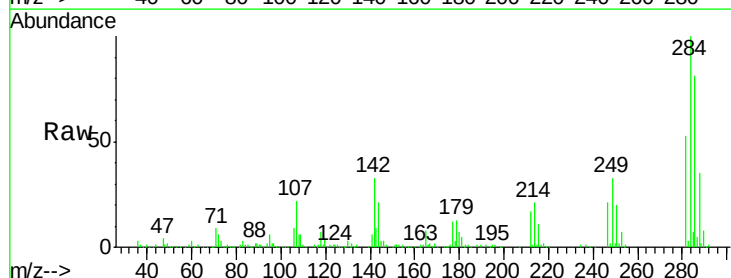
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MSD

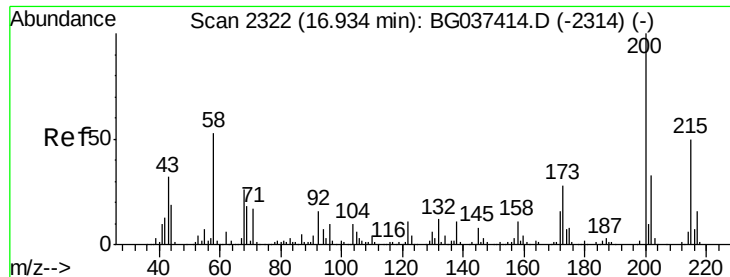
Tgt Ion:248 Resp: 188242
 Ion Ratio Lower Upper
 248 100
 250 94.9 77.0 115.6
 141 70.0 55.5 83.3



#68
 Hexachlorobenzene
 Concen: 45.620 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037865.D
 Acq: 7 Nov 2018 14:47

Tgt Ion:284 Resp: 187787
 Ion Ratio Lower Upper
 284 100
 142 33.3 28.1 42.1
 249 35.2 29.8 44.8





#69

Atrazine

Concen: 47.944 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

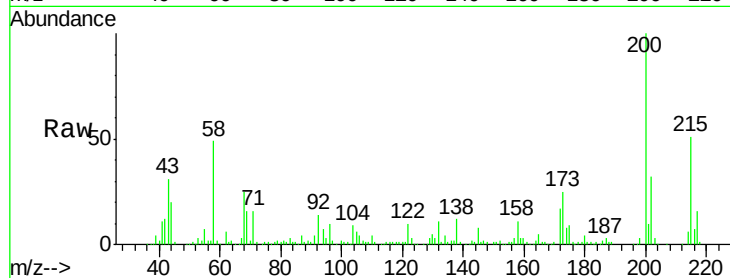
Tgt Ion:200 Resp: 188579

Ion Ratio Lower Upper

200 100

173 25.3 6.1 46.1

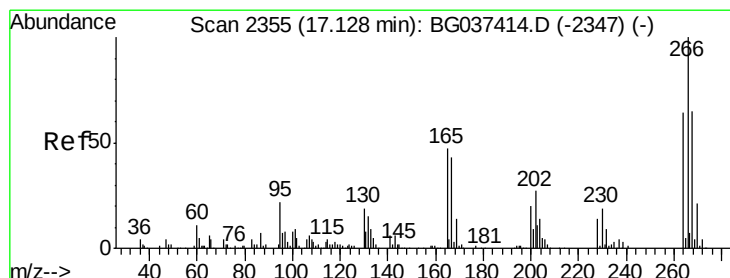
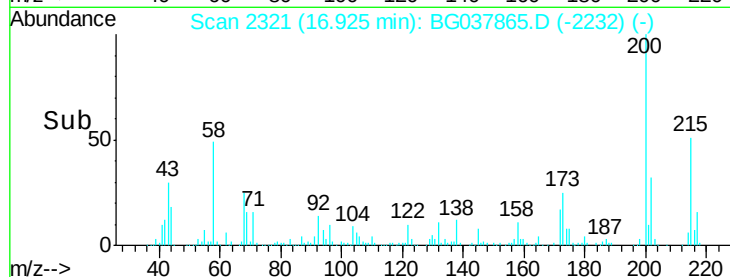
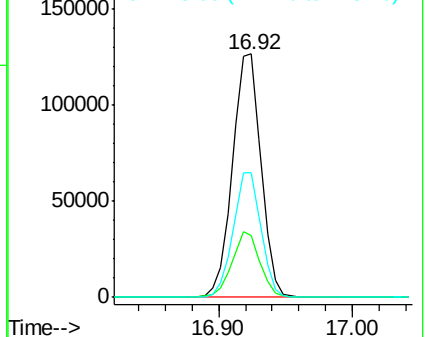
215 51.4 30.8 70.8



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: 77.528 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

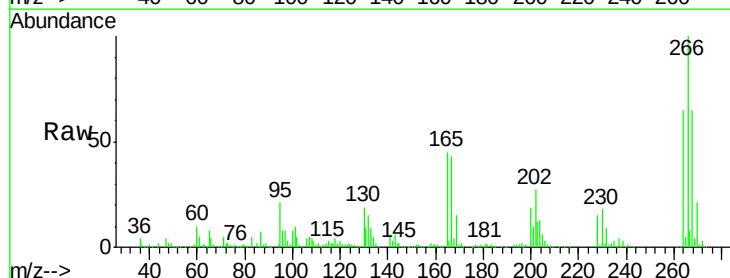
Tgt Ion:266 Resp: 213761

Ion Ratio Lower Upper

266 100

268 69.8 55.0 82.6

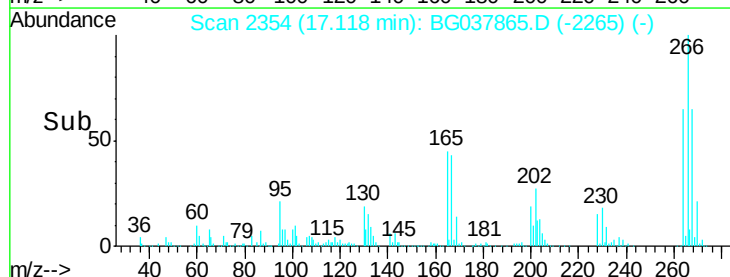
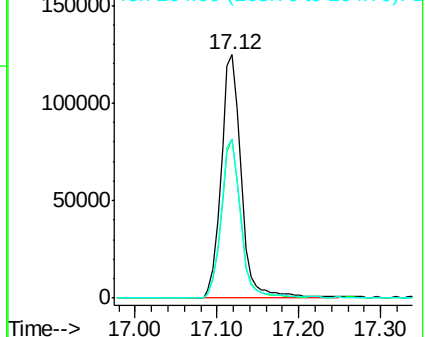
264 70.6 58.9 88.3

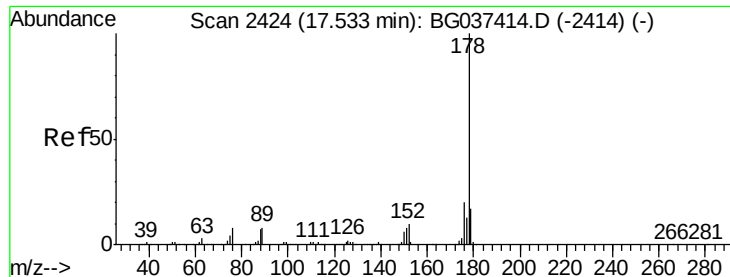


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

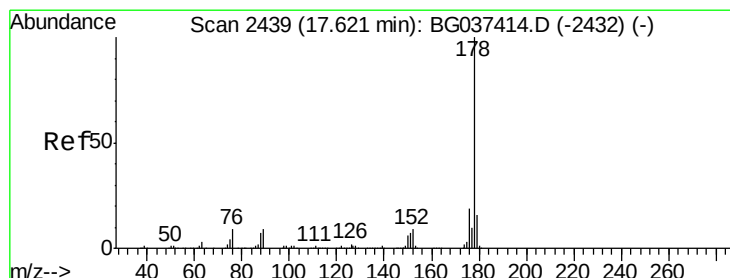
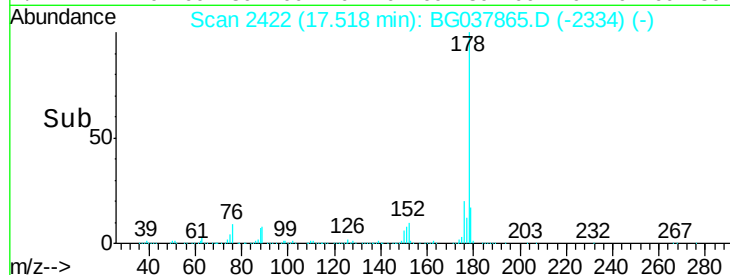
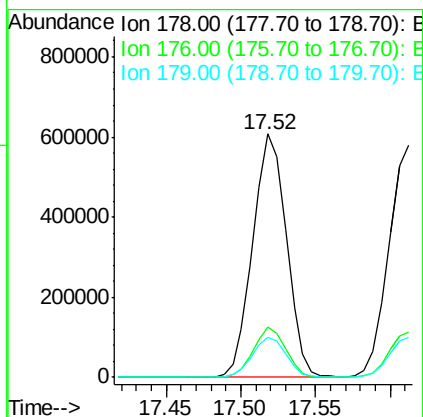
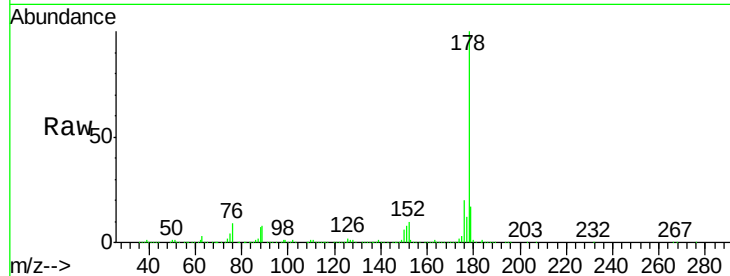




#71
Phenanthrene
Concen: 51.714 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

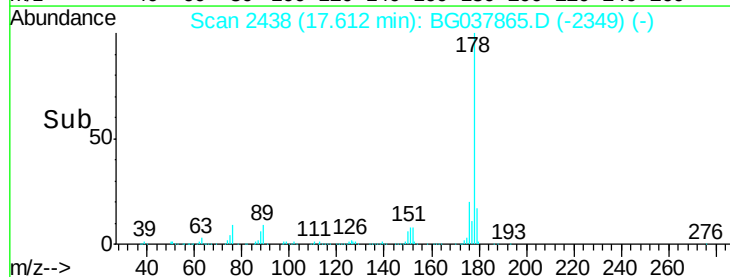
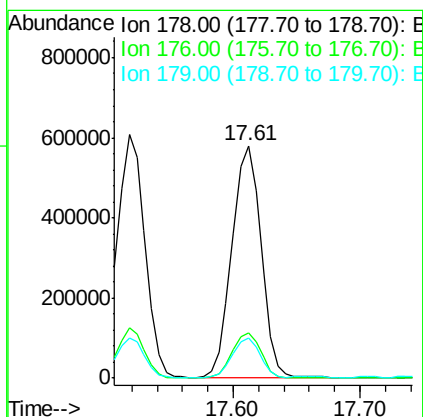
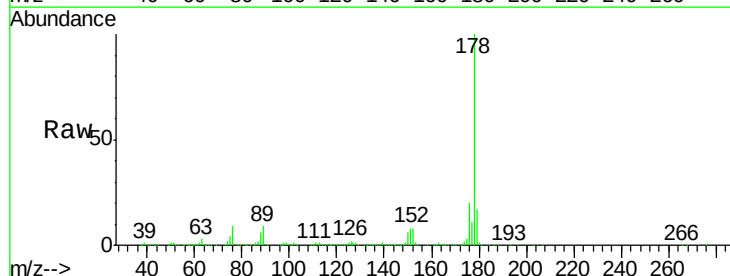
Instrument :
BNA_G
ClientSampleId :
C19013081MSD

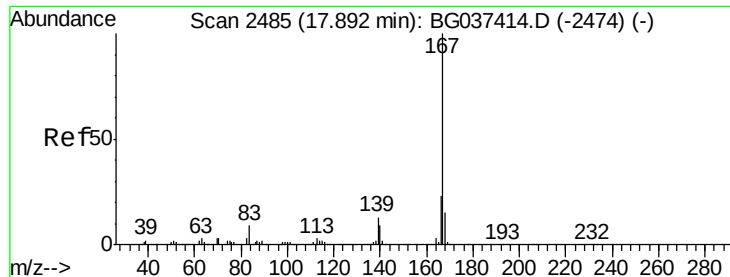
Tgt Ion:178 Resp: 950562
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.6 13.0 19.4



#72
Anthracene
Concen: 51.056 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:178 Resp: 920972
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 17.0 12.8 19.2





#73

Carbazole

Concen: 45.583 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

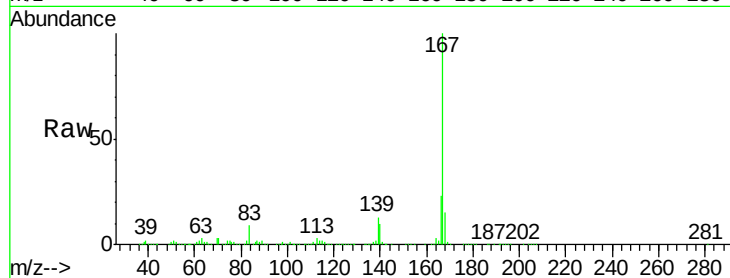
Tgt Ion:167 Resp: 822480

Ion Ratio Lower Upper

167 100

166 23.2 18.3 27.5

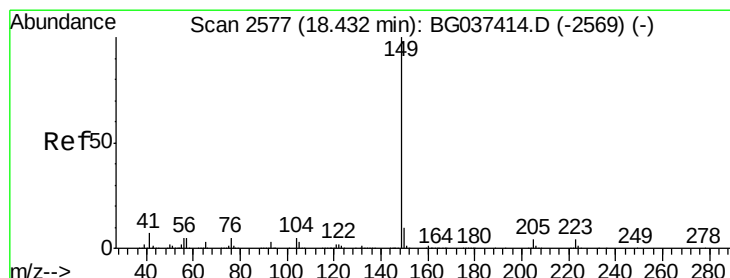
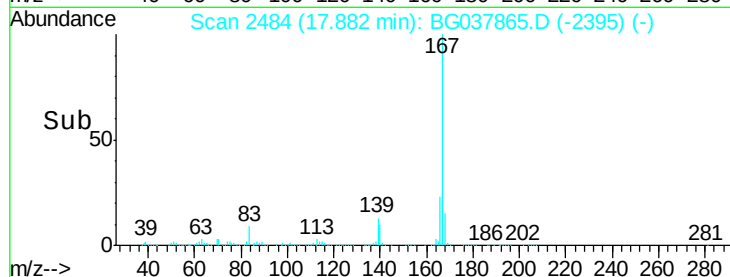
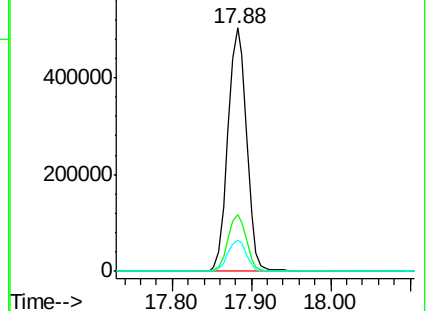
139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.030 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

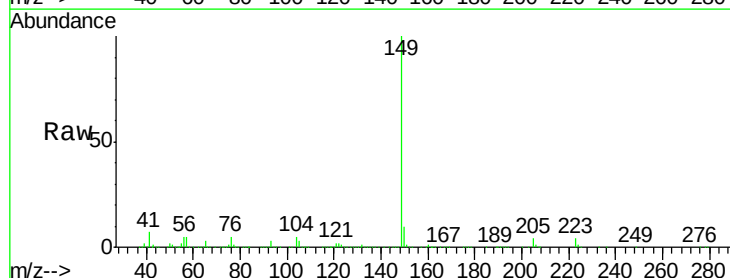
Tgt Ion:149 Resp: 984129

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

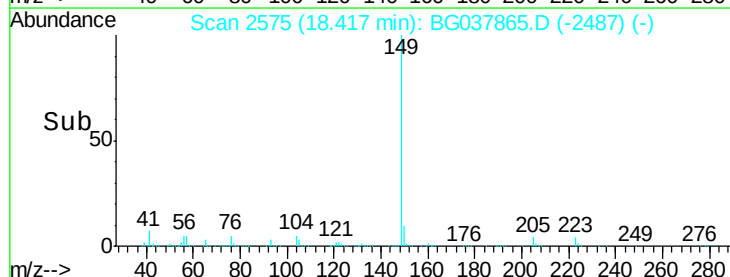
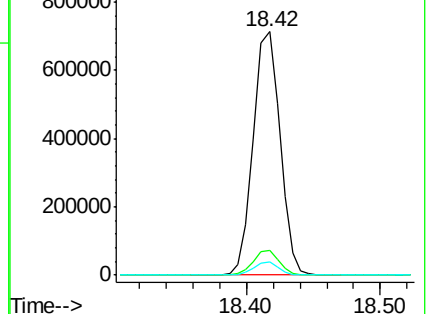
104 5.4 4.0 6.0

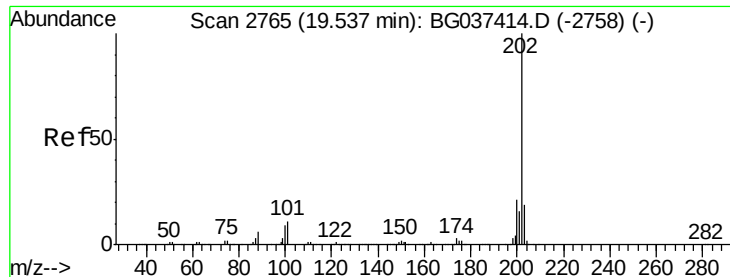


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.426 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

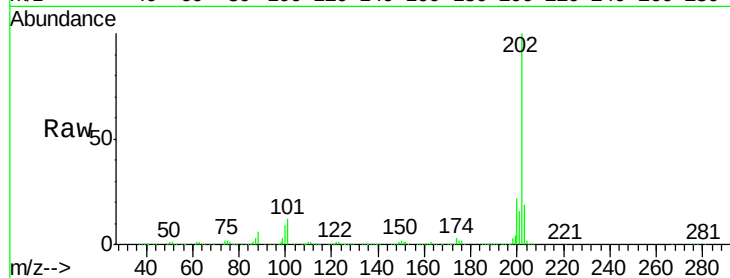
Tgt Ion:202 Resp: 1030403

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.7

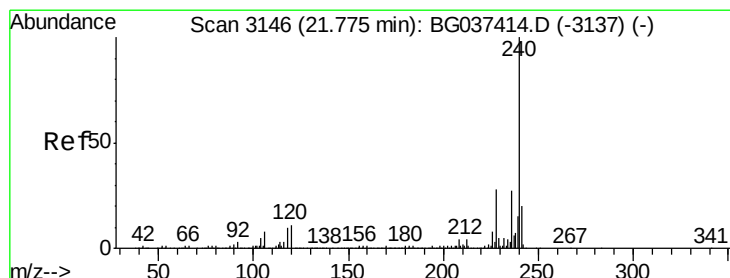
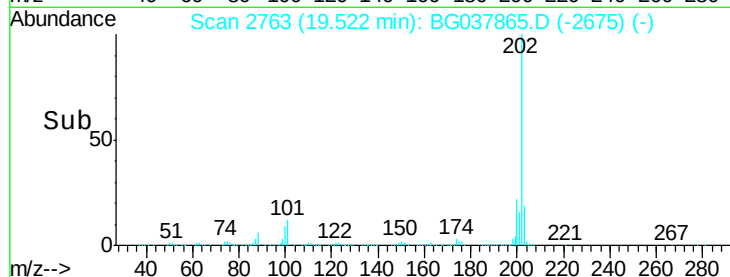
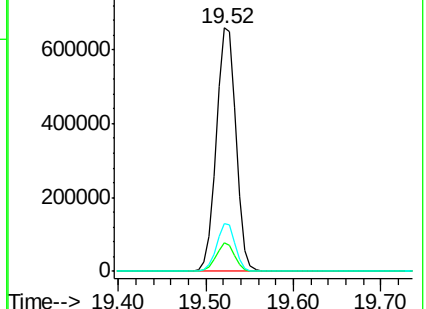
203 19.5 0.0 38.5



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: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

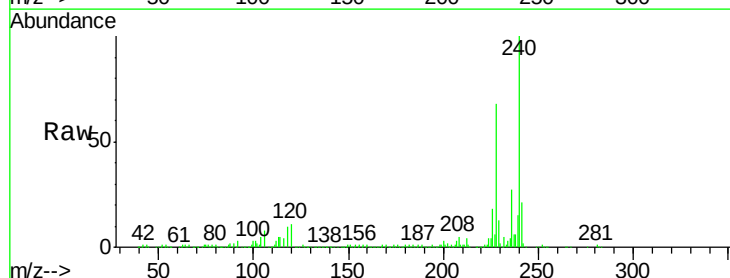
Tgt Ion:240 Resp: 323793

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

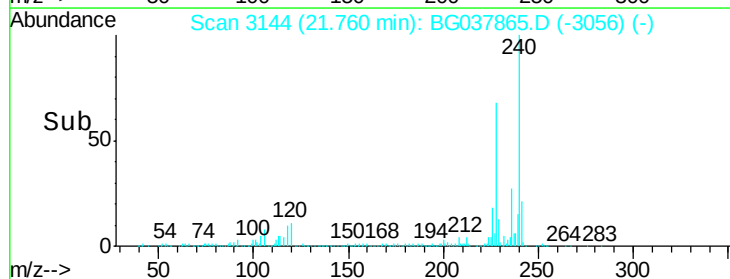
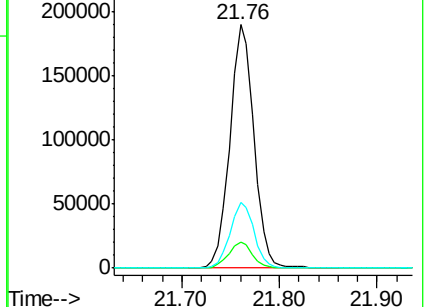
236 27.2 21.4 32.0

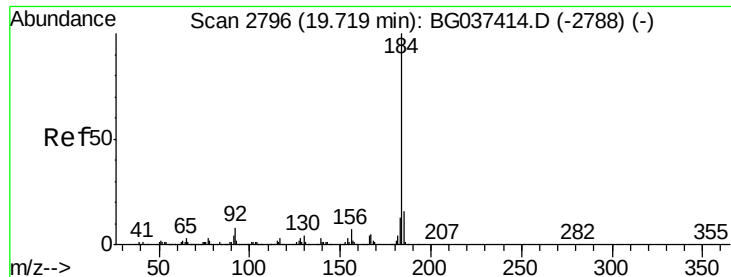


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.130 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

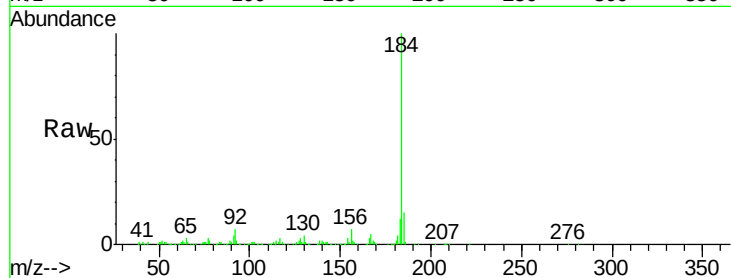
Tgt Ion:184 Resp: 386778

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

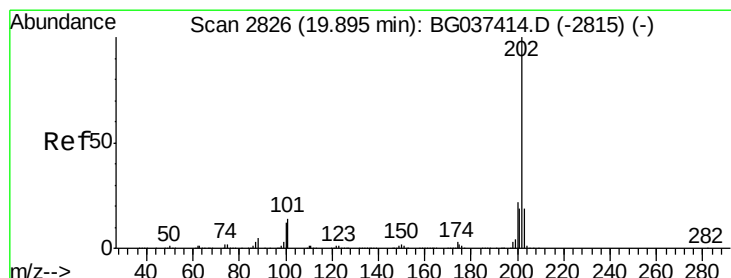
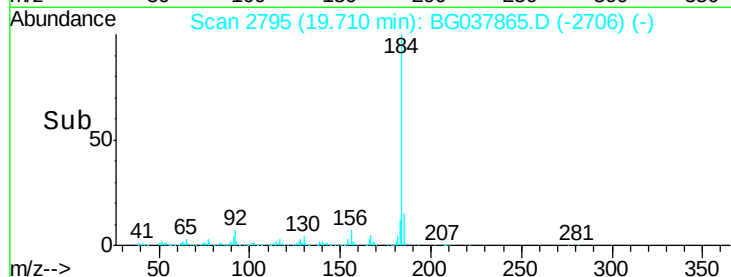
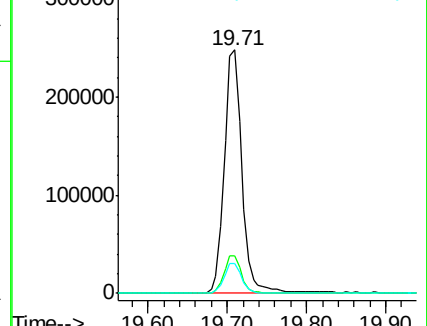
183 12.4 10.2 15.2



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: 48.514 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

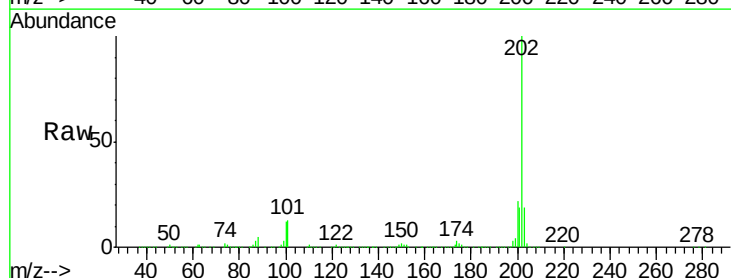
Tgt Ion:202 Resp: 1026896

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

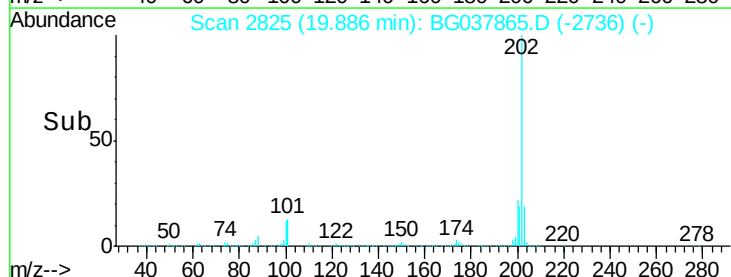
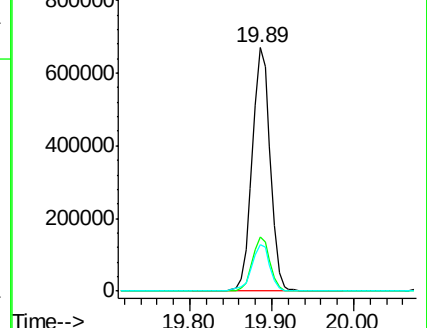
203 19.3 15.2 22.8

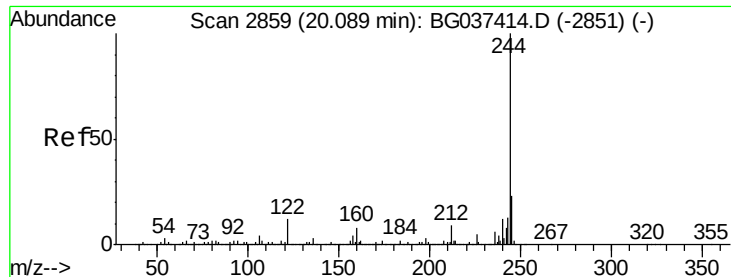


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.254 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

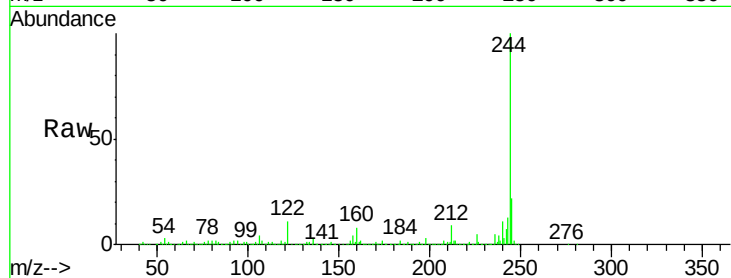
Tgt Ion:244 Resp: 115515

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

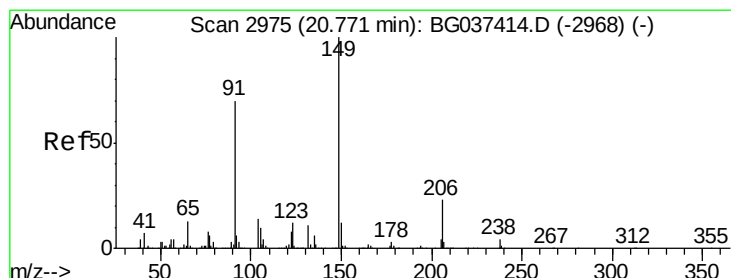
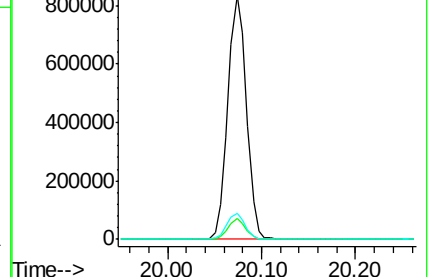
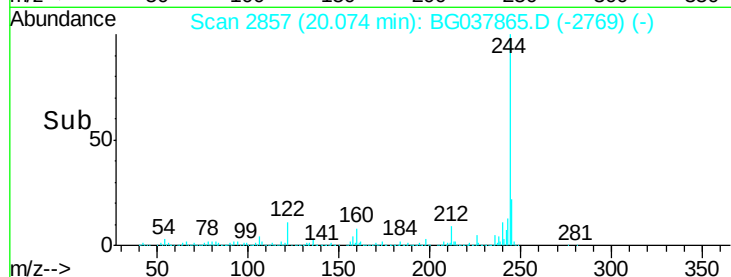
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.842 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

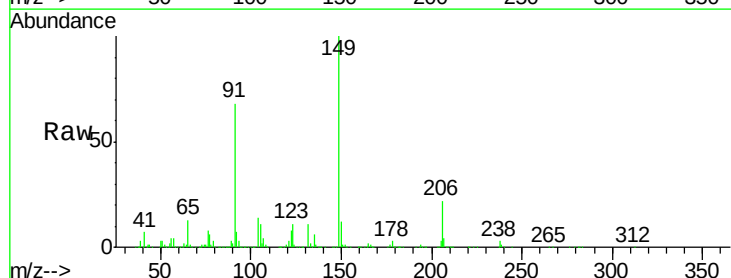
Tgt Ion:149 Resp: 449092

Ion Ratio Lower Upper

149 100

91 67.7 57.0 85.4

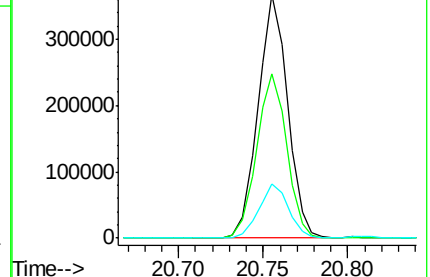
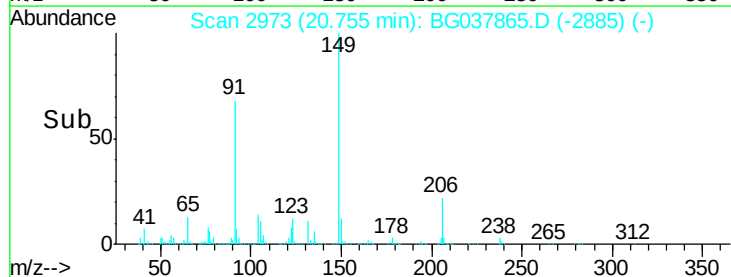
206 22.3 17.8 26.6

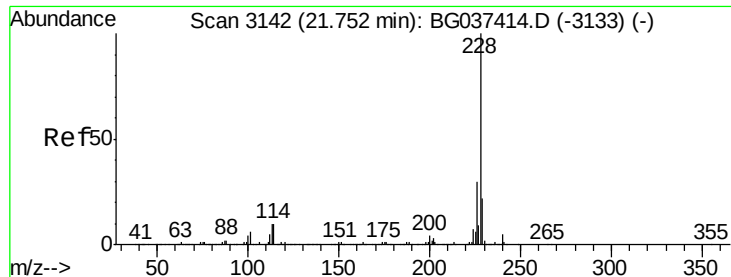


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.828 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

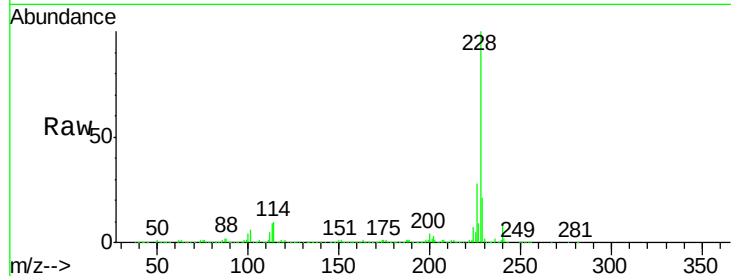
Tgt Ion:228 Resp: 973458

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

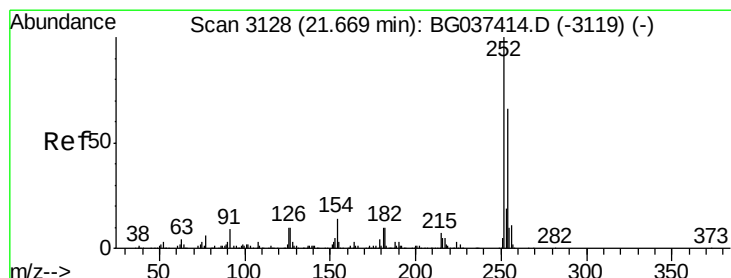
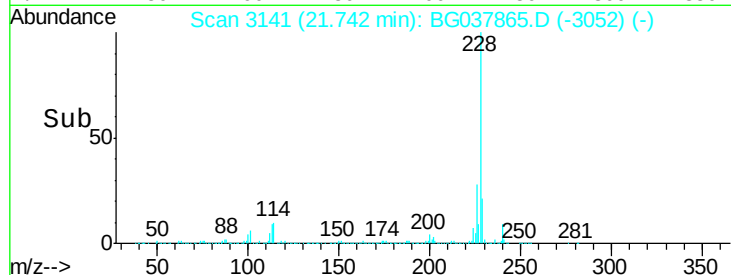
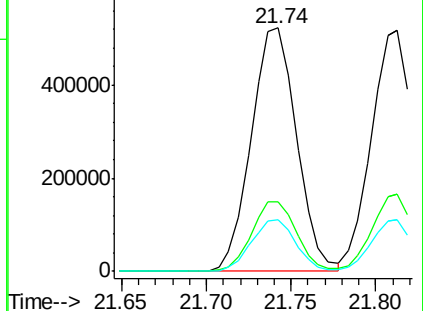
229 21.0 16.3 24.5



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: 23.131 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

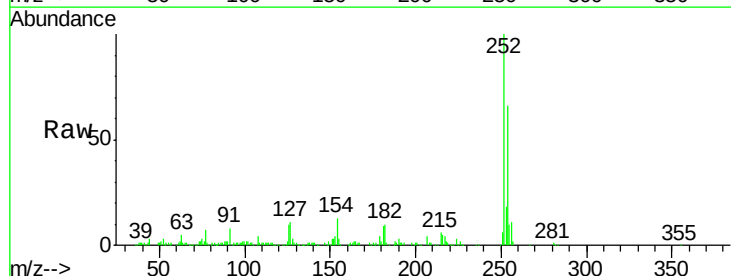
Tgt Ion:252 Resp: 171710

Ion Ratio Lower Upper

252 100

254 66.4 52.0 78.0

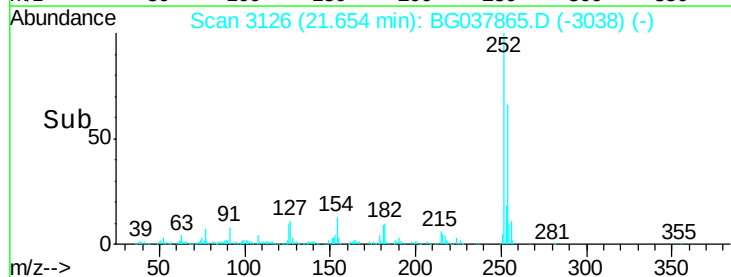
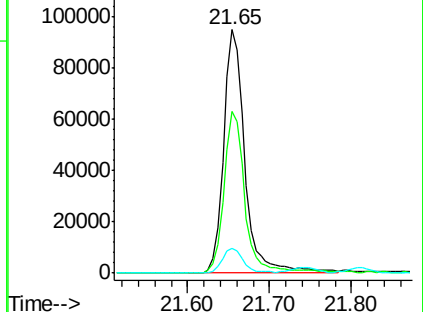
126 10.3 8.2 12.4

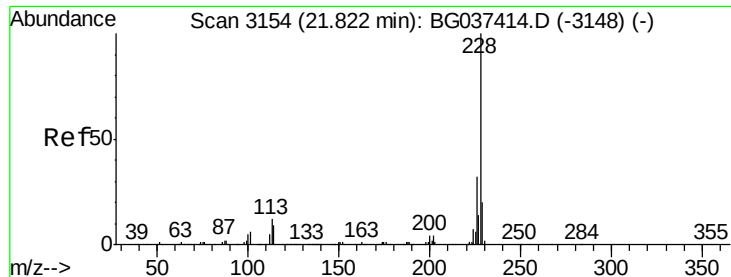


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.386 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

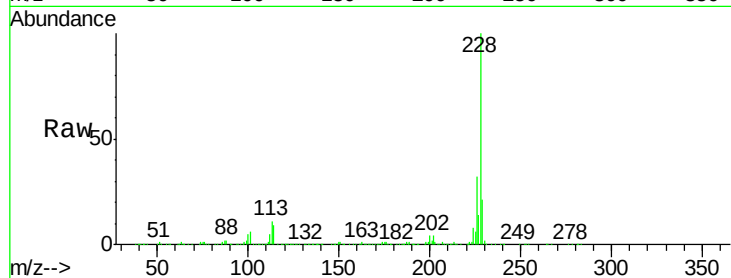
Tgt Ion:228 Resp: 909492

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

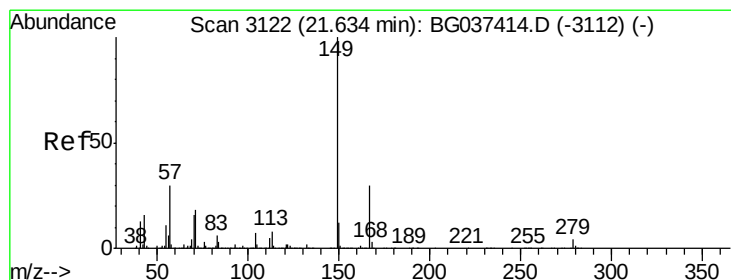
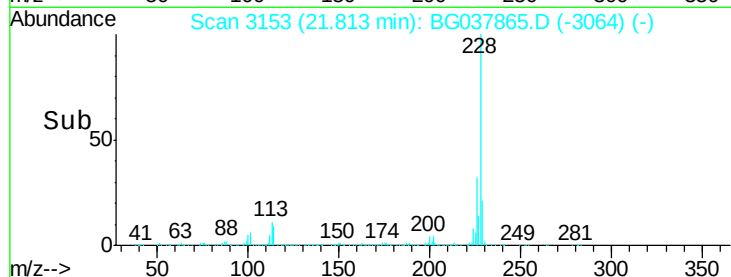
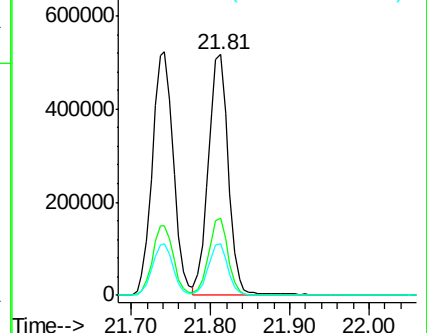
229 21.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.560 ng

RT: 21.61 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

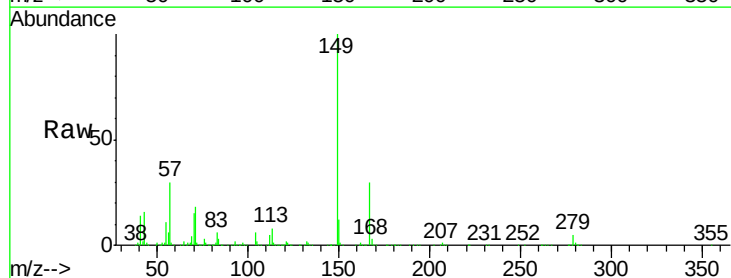
Tgt Ion:149 Resp: 638222

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.4

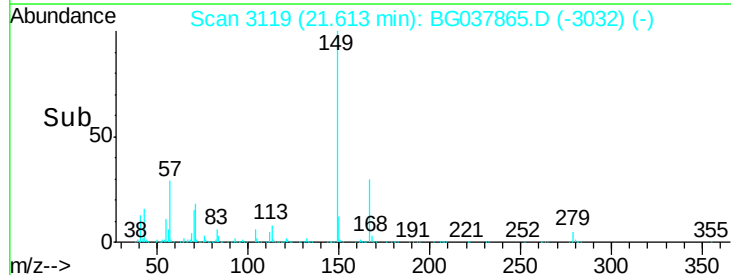
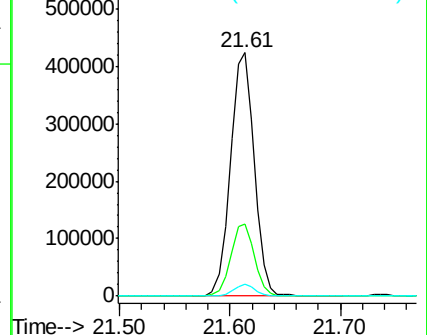
279 4.7 3.6 5.4

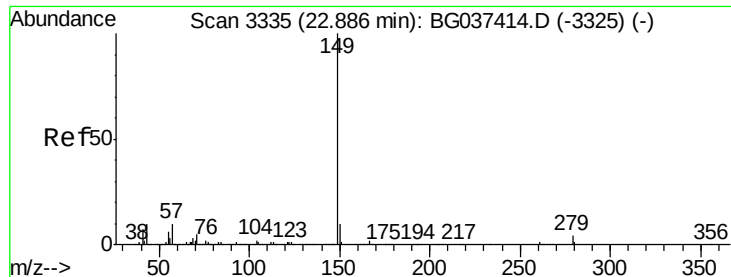


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

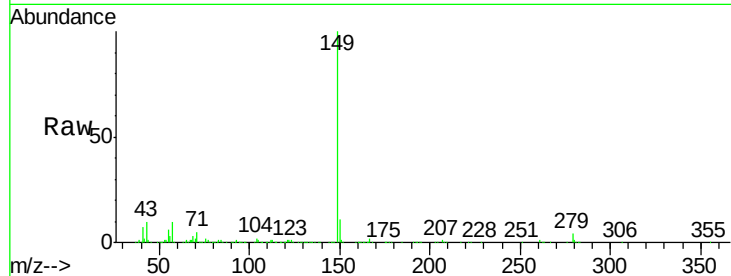




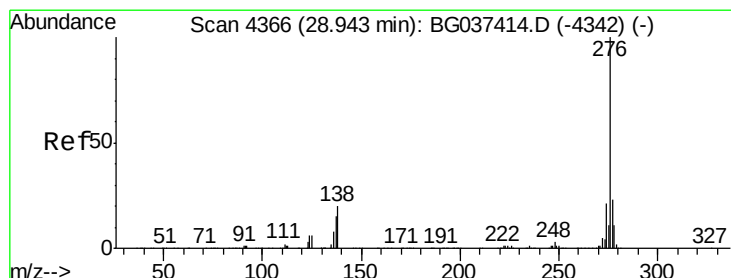
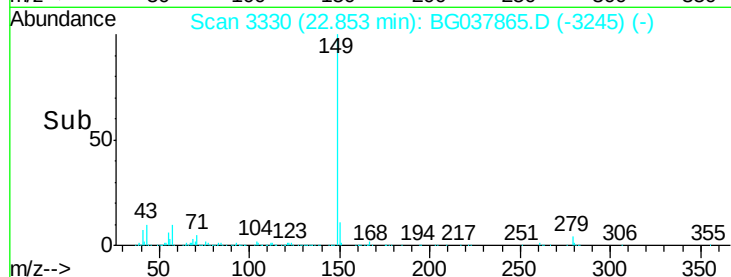
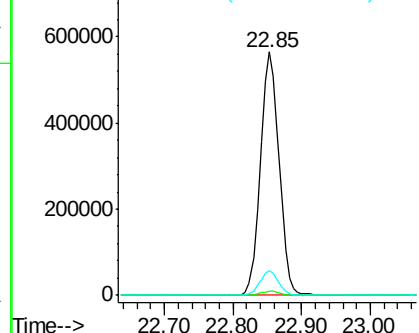
#85
Di-n-octyl phthalate
Concen: 54.322 ng
RT: 22.85 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Instrument :
BNA_G
ClientSampleId :
C19013081MSD

Tgt Ion:149 Resp: 1075620
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 8.7 13.1

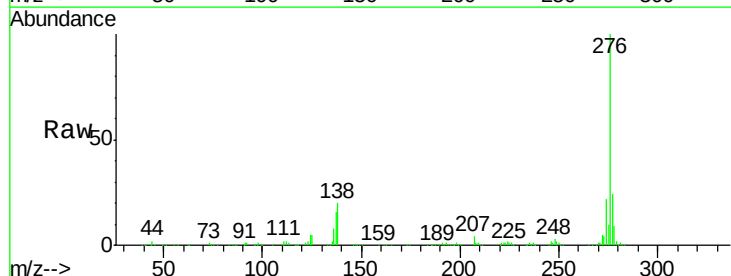


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

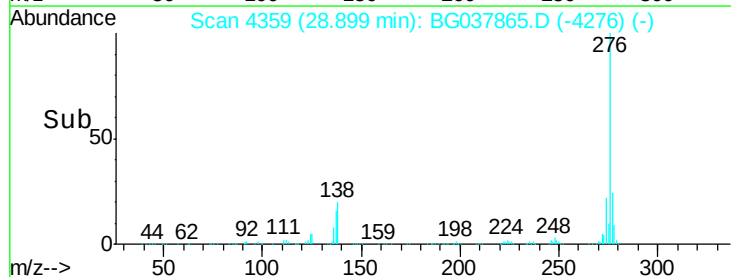
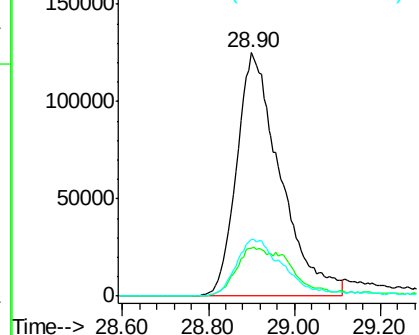


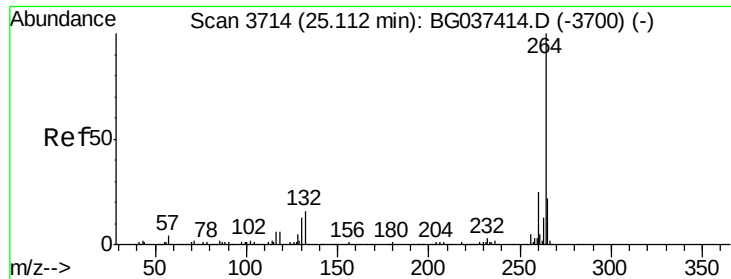
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.776 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.04 min
Lab File: BG037865.D
Acq: 7 Nov 2018 14:47

Tgt Ion:276 Resp: 884437
Ion Ratio Lower Upper
276 100
138 15.7 12.0 18.0
277 25.6 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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

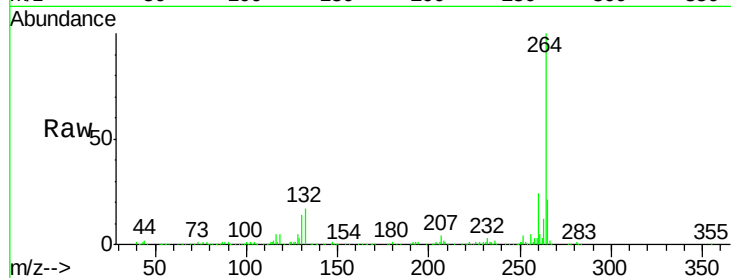
Tgt Ion:264 Resp: 330788

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

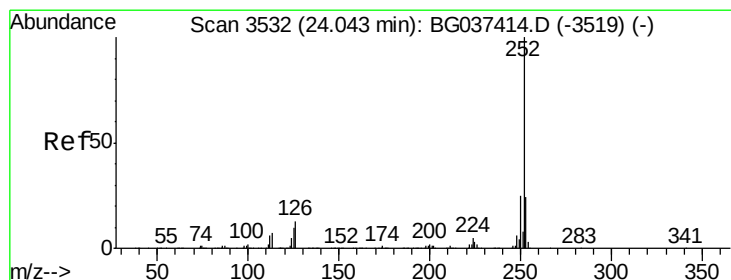
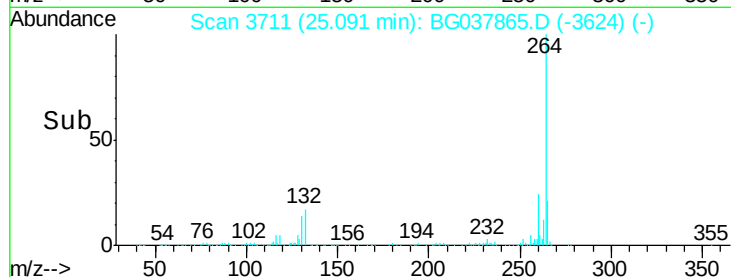
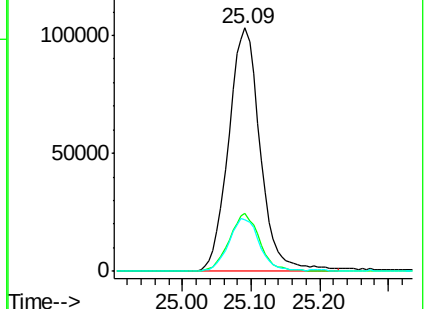
265 21.1 17.9 26.9



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: 51.331 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

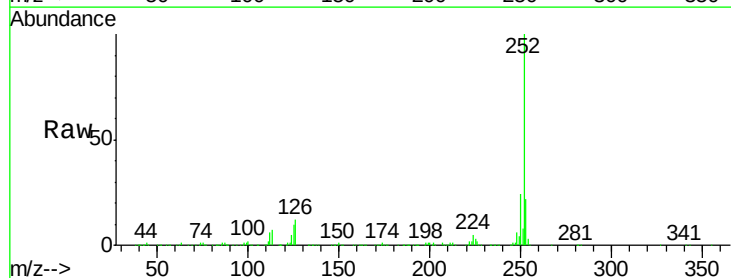
Tgt Ion:252 Resp: 930886

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

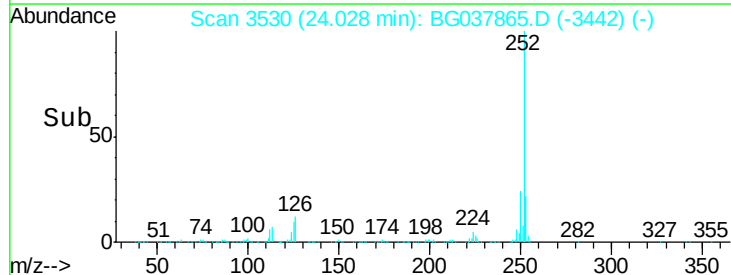
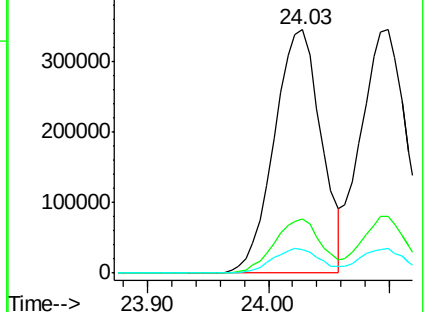
125 9.9 7.8 11.6

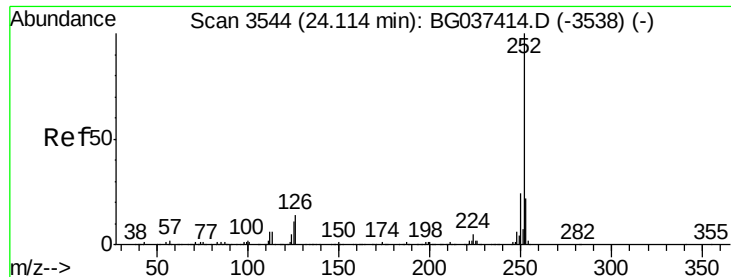


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.384 ng

RT: 24.10 min Scan# 3542

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

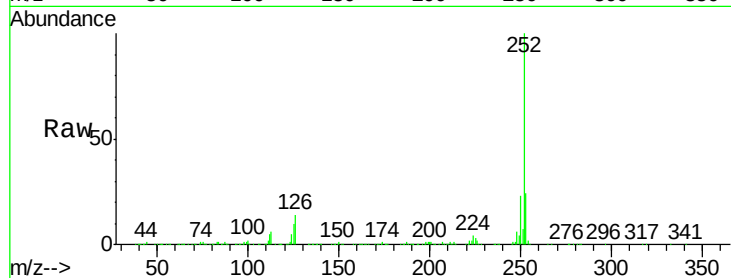
Tgt Ion:252 Resp: 930739

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

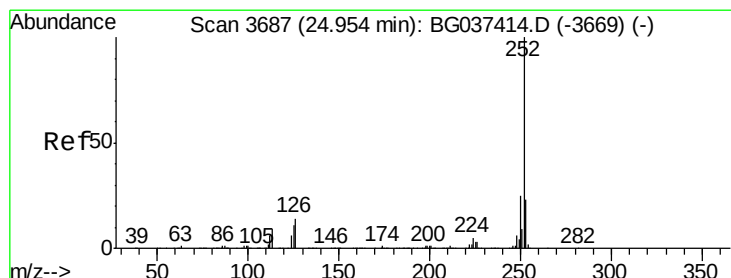
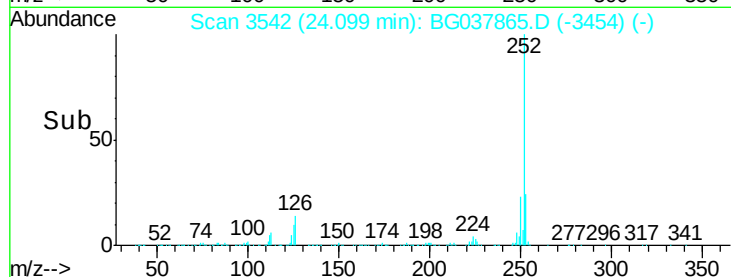
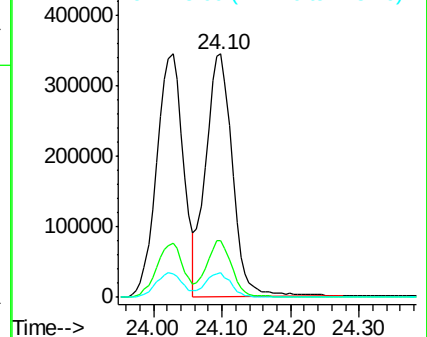
125 10.0 7.4 11.0



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: 52.077 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

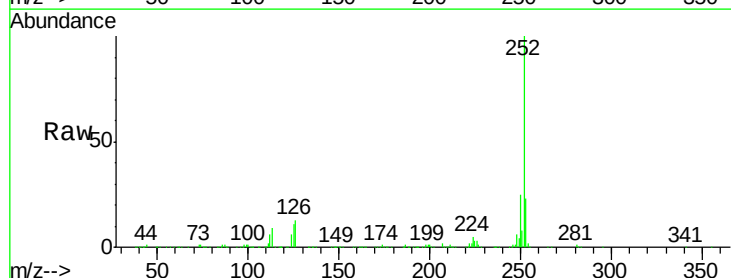
Tgt Ion:252 Resp: 897407

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

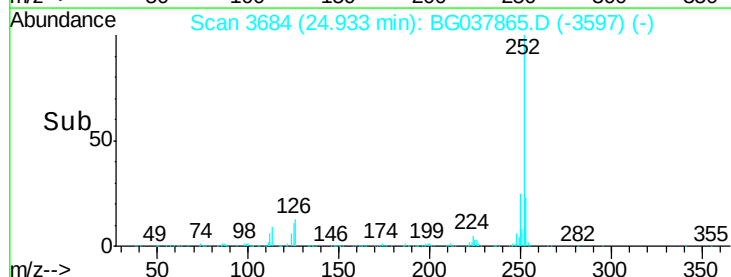
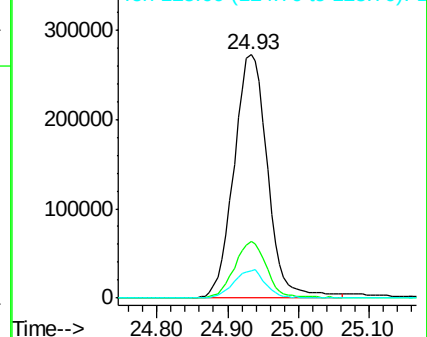
125 11.3 9.0 13.6

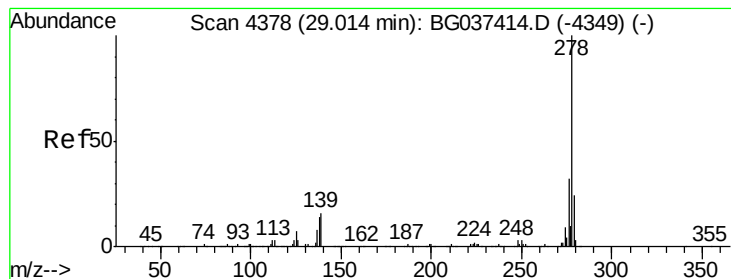


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.440 ng

RT: 28.98 min Scan# 4372

Delta R.T. -0.04 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

Instrument :

BNA_G

ClientSampleId :

C19013081MSD

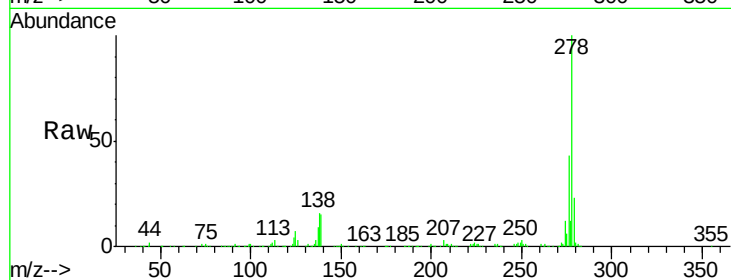
Tgt Ion:278 Resp: 722291

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

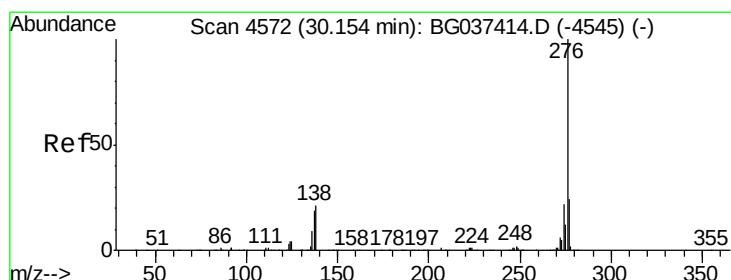
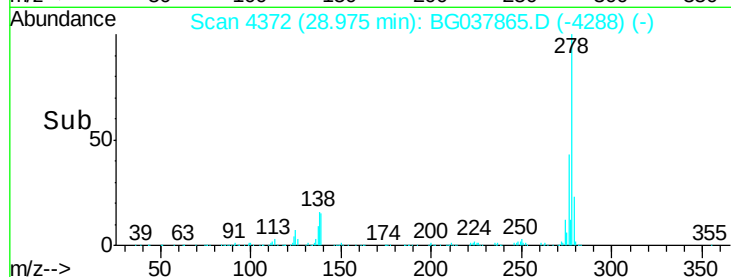
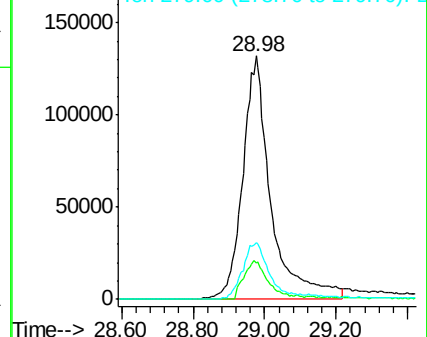
279 23.2 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.105 ng

RT: 30.11 min Scan# 4566

Delta R.T. -0.04 min

Lab File: BG037865.D

Acq: 7 Nov 2018 14:47

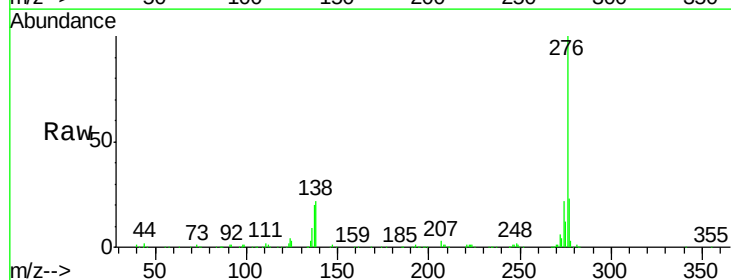
Tgt Ion:276 Resp: 741444

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 22.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

