

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036858.D
 Acq On : 21 Sep 2018 14:44
 Operator : JU/SJ
 Sample : PB113056BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 17:00:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36419	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	172188	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	123977	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	356092	20.00	ng	0.00
75) Chrysene-d12	21.69	240	360742	20.00	ng	0.00
86) Perylene-d12	24.91	264	372998	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	310193	163.34	ng	0.00
7) Phenol-d6	7.21	99	429445	146.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	273323	85.00	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	220229	148.47	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	688414	82.70	ng	0.00
78) Terphenyl-d14	20.03	244	1331321	97.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37882	43.595	ng	94
3) Pyridine	3.92	79	96960	38.644	ng	99
4) n-Nitrosodimethylamine	3.83	42	54637	48.995	ng	# 96
6) Aniline	7.37	93	146121	38.328	ng	99
8) 2-Chlorophenol	7.61	128	107571	48.785	ng	94
9) Benzaldehyde	7.19	77	46815	24.113	ng	97
10) Phenol	7.24	94	148444	48.955	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	114131	40.690	ng	99
12) 1,3-Dichlorobenzene	7.94	146	112893	41.761	ng	99
13) 1,4-Dichlorobenzene	8.08	146	112760	40.760	ng	99
14) 1,2-Dichlorobenzene	8.40	146	108317	40.404	ng	94
15) Benzyl Alcohol	8.29	79	100218	42.038	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	215800	40.074	ng	97
17) 2-Methylphenol	8.49	107	99067	46.903	ng	98
18) Hexachloroethane	9.13	117	42231	41.483	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	94607	38.707	ng	# 94
20) 3+4-Methylphenols	8.82	107	137544	46.809	ng	98
22) Acetophenone	8.87	105	161744	39.973	ng	97
24) Nitrobenzene	9.25	77	138210	40.251	ng	97
25) Isophorone	9.78	82	270776	46.088	ng	97
26) 2-Nitrophenol	9.96	139	57241	41.822	ng	97
27) 2,4-Dimethylphenol	10.02	122	112697	52.860	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	156847	43.264	ng	100
29) 2,4-Dichlorophenol	10.50	162	119647	48.411	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	124390	40.218	ng	97
31) Naphthalene	10.90	128	355846	43.434	ng	100
32) Benzoic acid	10.17	122	42987	28.945	ng	95
33) 4-Chloroaniline	11.02	127	105336	28.278	ng	98
34) Hexachlorobutadiene	11.19	225	82433	38.540	ng	98
35) Caprolactam	11.79	113	20266	19.923	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	142441	48.302	ng	98
37) 2-Methylnaphthalene	12.51	142	289777	46.440	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	161724	37.401	ng	98
40) Hexachlorocyclopentadiene	12.85	237	218379	98.197	ng	96

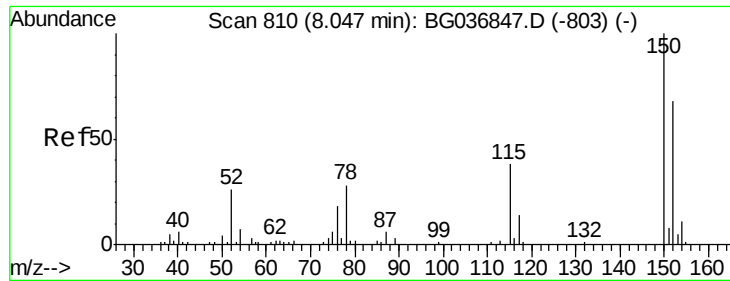
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036858.D
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 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	108479	45.177	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	117518	45.898	ng	97
45) 1,1'-Biphenyl	13.51	154	378481	39.862	ng	97
46) 2-Chloronaphthalene	13.55	162	294318	39.416	ng	99
47) 2-Nitroaniline	13.76	65	110897	42.939	ng	95
48) Acenaphthylene	14.40	152	518291	44.296	ng	98
49) Dimethylphthalate	14.13	163	432954	43.385	ng	98
50) 2,6-Dinitrotoluene	14.25	165	94578	43.438	ng	94
51) Acenaphthene	14.74	154	294591	41.658	ng	99
52) 3-Nitroaniline	14.59	138	72820	31.739	ng	98
53) 2,4-Dinitrophenol	14.79	184	103564	99.438	ng	94
54) Dibenzofuran	15.08	168	499261	41.739	ng	100
55) 4-Nitrophenol	14.89	139	150302	102.545	ng	95
56) 2,4-Dinitrotoluene	15.04	165	140487	46.240	ng	90
57) Fluorene	15.73	166	412345	46.122	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	127574	49.116	ng	96
59) Diethylphthalate	15.49	149	446294	44.341	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	235395	41.575	ng	97
61) 4-Nitroaniline	15.75	138	109815	45.503	ng	99
62) Azobenzene	16.01	77	430155	44.478	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	81831	43.955	ng	97
65) n-Nitrosodiphenylamine	15.93	169	378861	38.539	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	156552	38.651	ng	99
67) Hexachlorobenzene	16.73	284	161306	38.668	ng	98
68) Atrazine	16.88	200	177107	44.493	ng	99
69) Pentachlorophenol	17.07	266	189302	72.076	ng	97
70) Phenanthrene	17.47	178	737080	42.954	ng	99
71) Anthracene	17.56	178	748056	44.087	ng	99
72) Carbazole	17.83	167	678127	40.990	ng	98
73) Di-n-butylphthalate	18.38	149	792831	43.153	ng	99
74) Fluoranthene	19.47	202	929609	45.005	ng	99
76) Benzidine	19.65	184	483357	44.324	ng	98
77) Pyrene	19.83	202	913787	42.212	ng	100
79) Butylbenzylphthalate	20.72	149	348901	40.436	ng	94
80) Benzo(a)anthracene	21.67	228	895301	42.516	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	232436	28.998	ng	98
82) Chrysene	21.74	228	826602	40.626	ng	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	487727	40.462	ng	99
84) Di-n-octyl phthalate	22.78	149	827569	41.699	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1001164	45.822	ng	99
87) Benzo(b)fluoranthene	23.88	252	874665	44.002	ng	98
88) Benzo(k)fluoranthene	23.95	252	856785	42.962	ng	98
89) Benzo(a)pyrene	24.76	252	858053	44.649	ng	99
90) Dibenzo(a,h)anthracene	28.64	278	814314	45.212	ng	97
91) Benzo(g,h,i)perylene	29.72	276	825501	45.669	ng	97

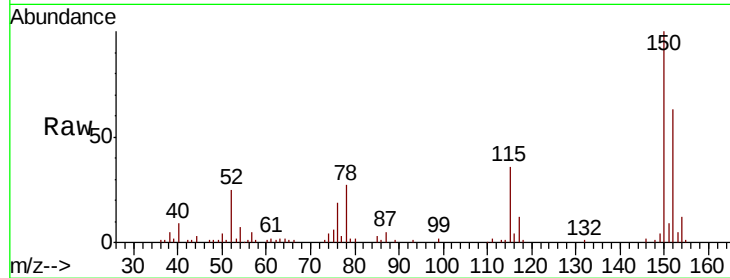
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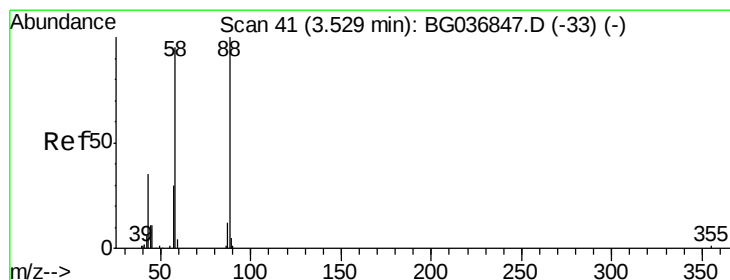
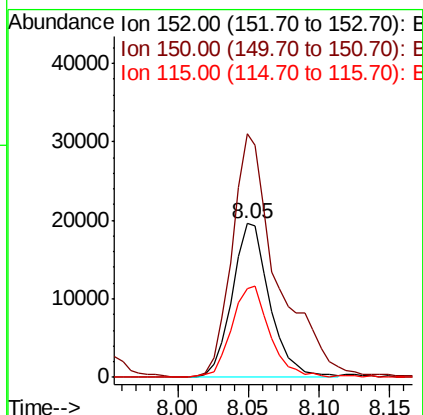
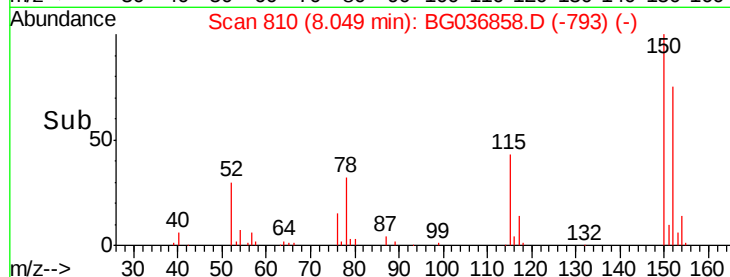
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 36419
 Ion Ratio Lower Upper
 152 100
 150 158.2 119.5 179.3
 115 57.4 44.5 66.7

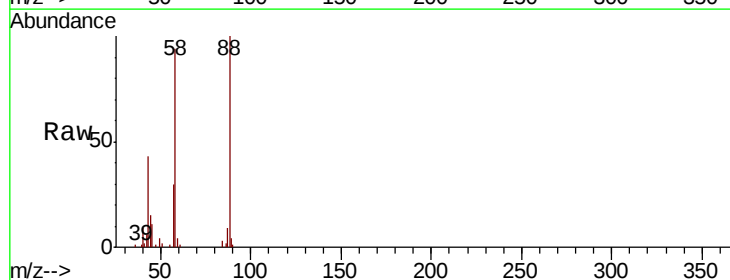


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

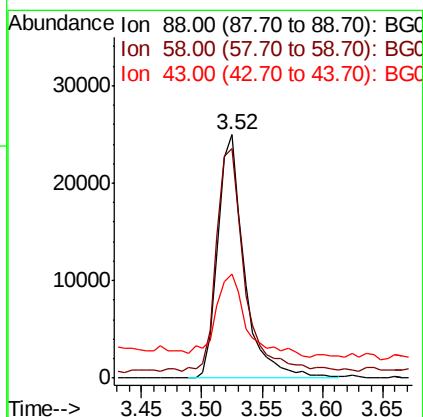
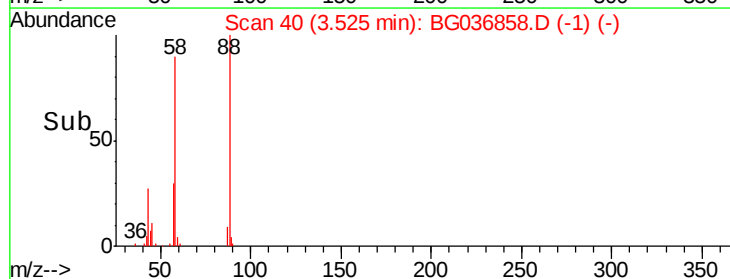


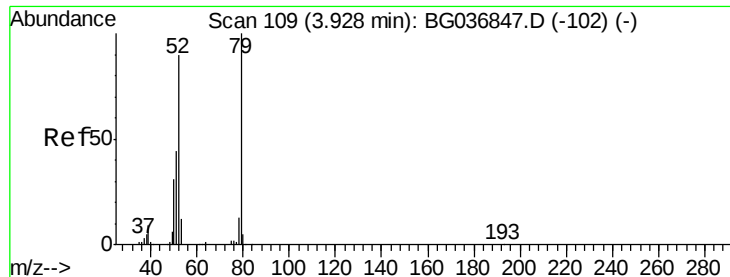
#2
 1,4-Dioxane
 Concen: 43.595 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion: 88 Resp: 37882
 Ion Ratio Lower Upper
 88 100
 58 96.7 72.6 109.0
 43 40.3 29.0 43.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.644 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

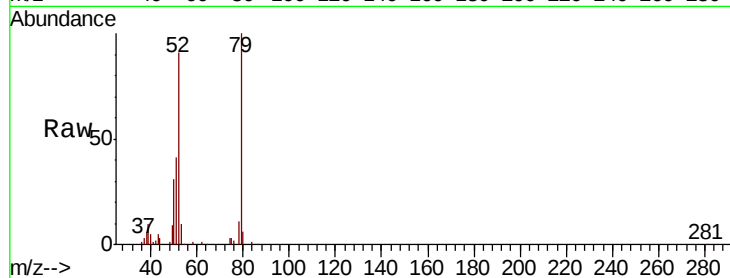
Tot Ion: 79 Resp: 96960

Ion Ratio Lower Upper

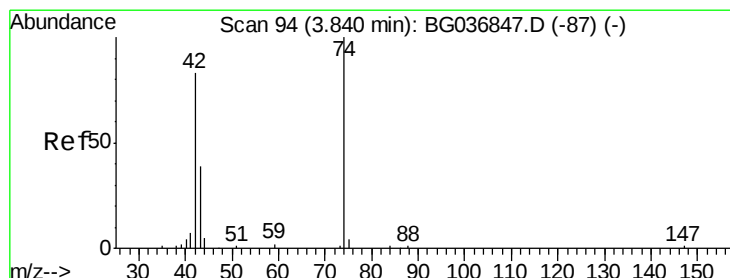
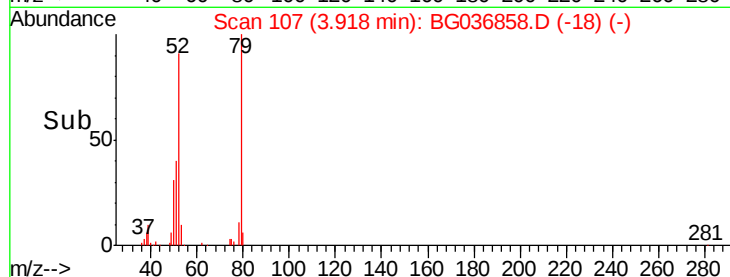
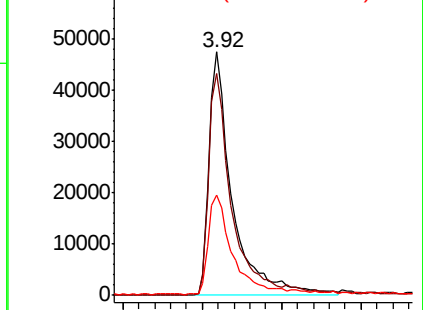
79 100

52 91.1 72.3 108.5

51 41.1 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.995 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

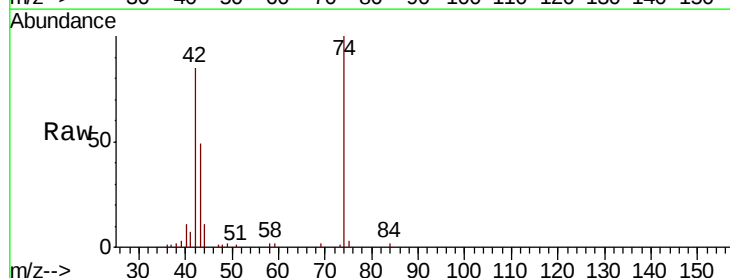
Tgt Ion: 42 Resp: 54637

Ion Ratio Lower Upper

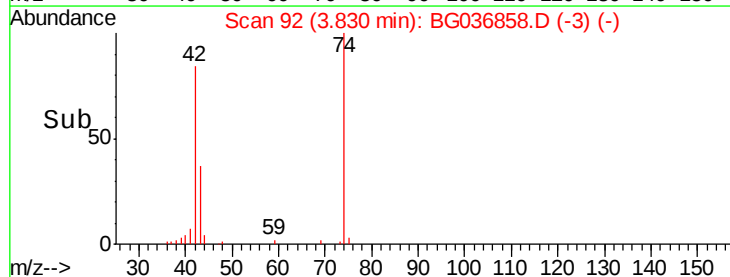
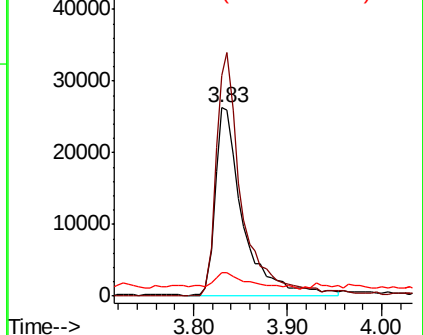
42 100

74 117.3 96.6 145.0

44 12.5 7.0 10.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 163.344 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

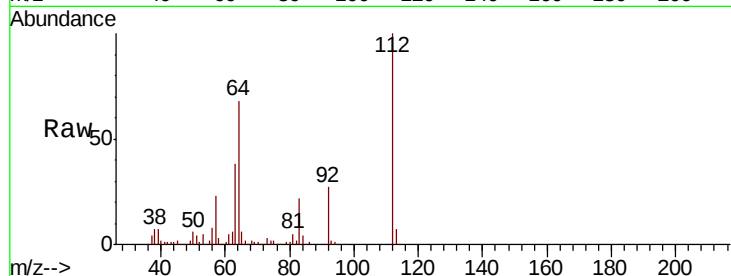
Tot Ion:112 Resp: 310193

Ion Ratio Lower Upper

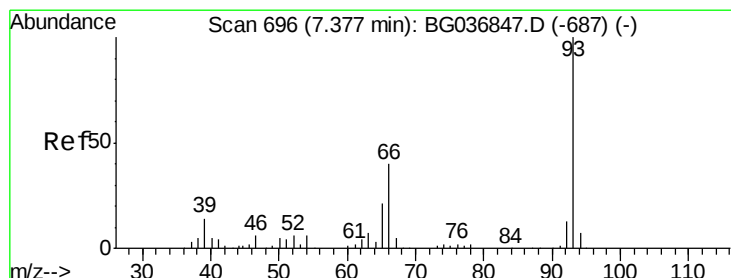
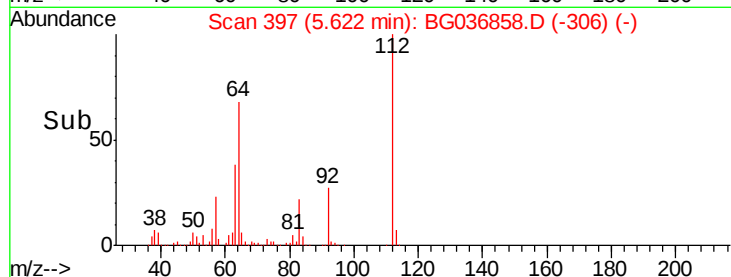
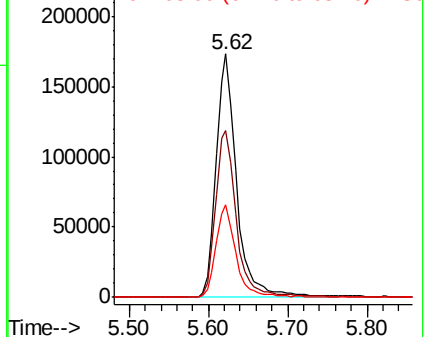
112 100

64 68.3 57.2 85.8

63 37.9 30.8 46.2



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: 38.328 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

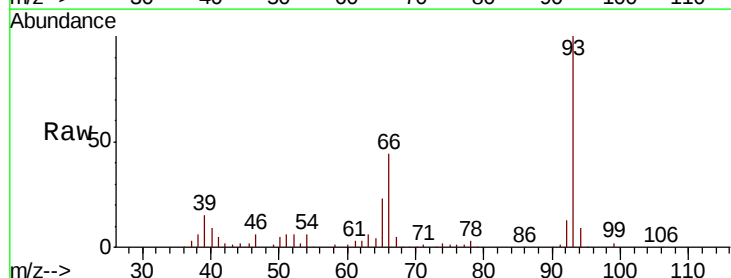
Tgt Ion: 93 Resp: 146121

Ion Ratio Lower Upper

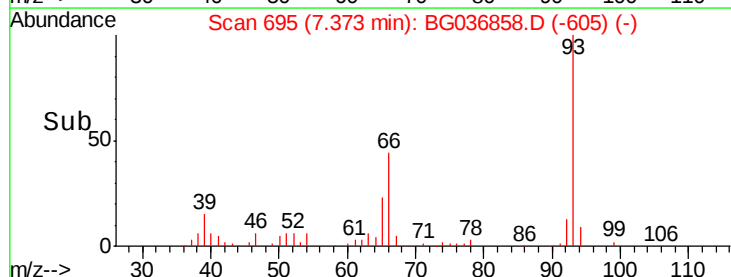
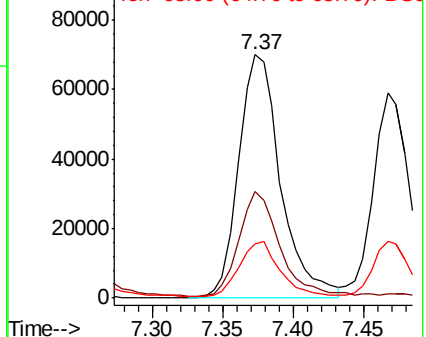
93 100

66 44.0 35.0 52.4

65 22.5 17.6 26.4



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: 146.164 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampled :

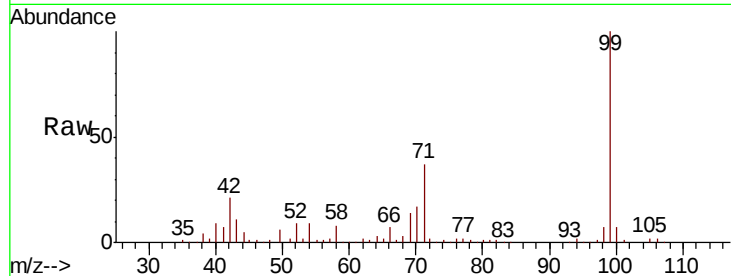
Tot Ion: 99 Resp: 429445

Ion Ratio Lower Upper

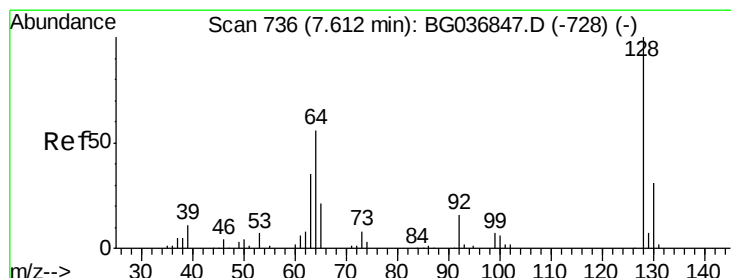
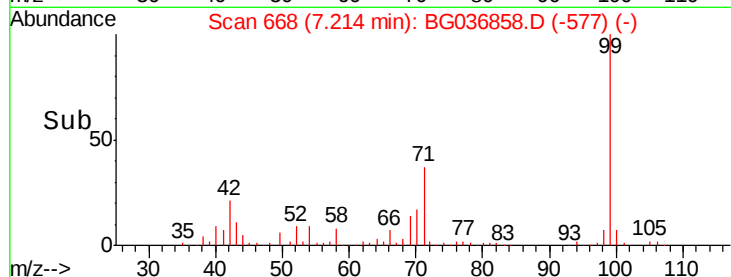
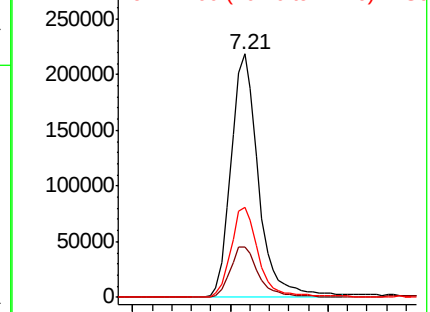
99 100

42 20.7 16.5 24.7

71 36.7 29.4 44.2



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: 48.785 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

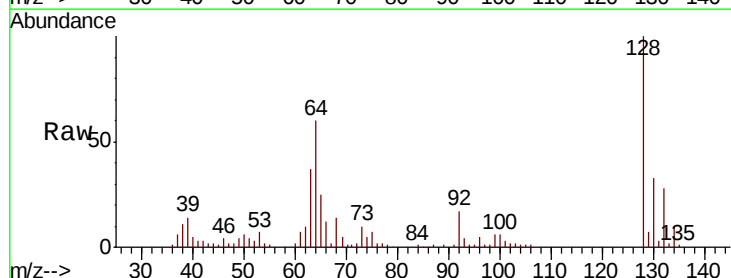
Tgt Ion: 128 Resp: 107571

Ion Ratio Lower Upper

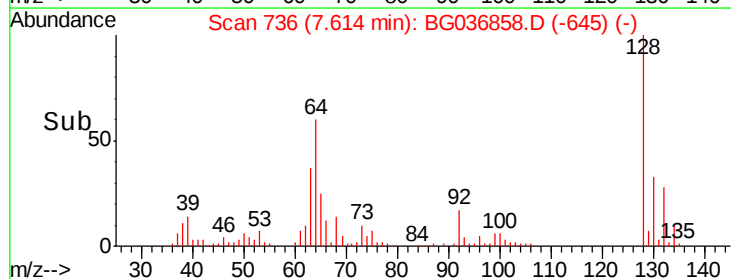
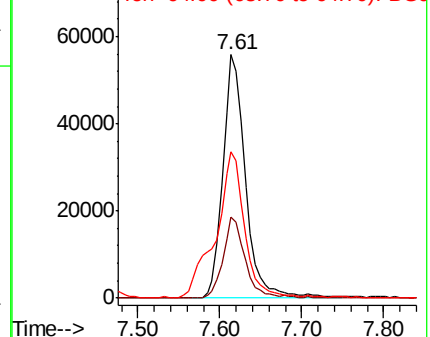
128 100

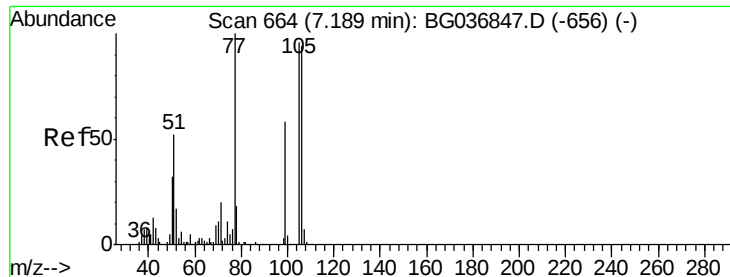
130 33.4 10.0 50.0

64 60.2 36.0 76.0



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: 24.113 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampled :

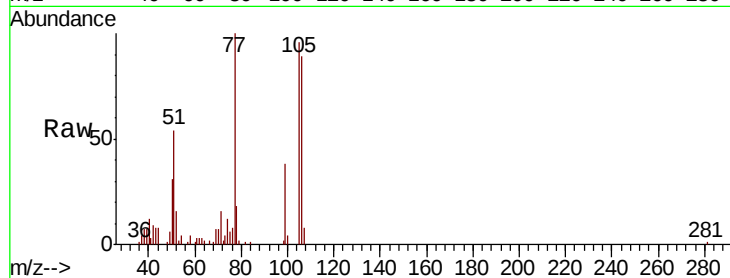
Tot Ion: 77 Resp: 46815

Ion Ratio Lower Upper

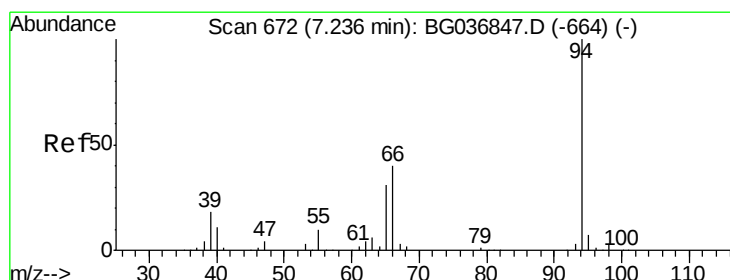
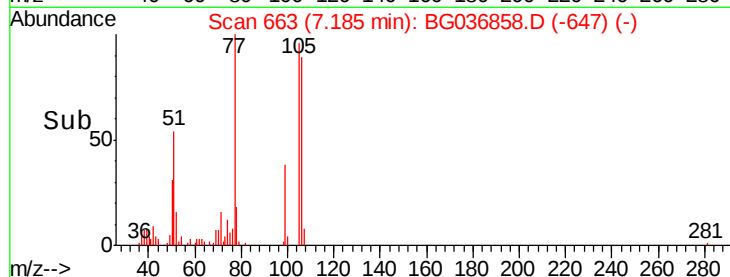
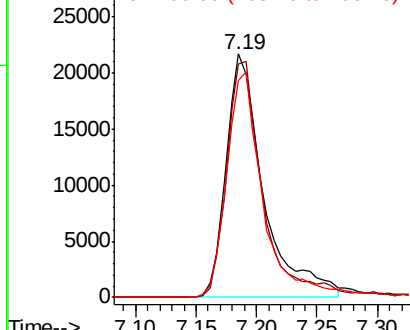
77 100

105 95.9 70.5 110.5

106 89.1 69.8 109.8



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: 48.955 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

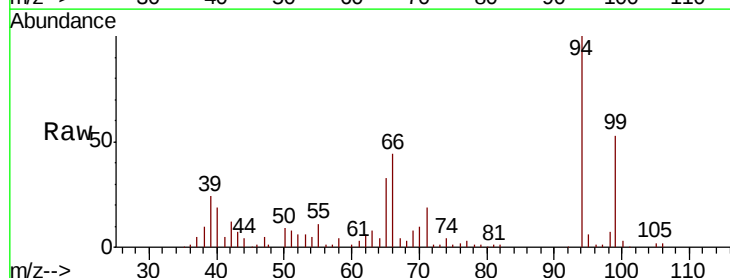
Tgt Ion: 94 Resp: 148444

Ion Ratio Lower Upper

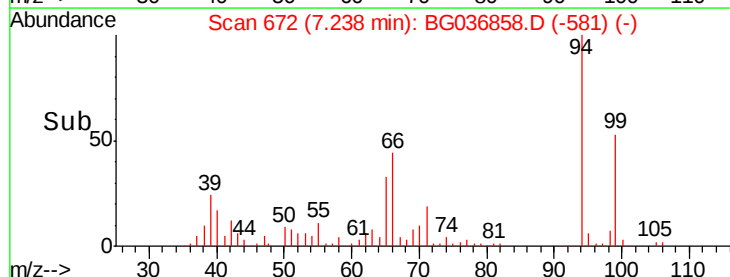
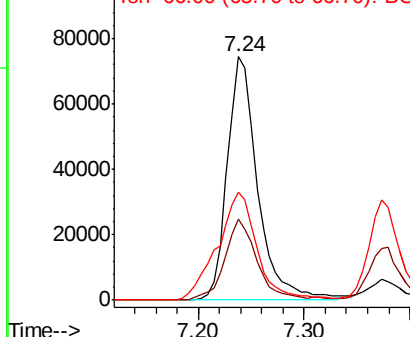
94 100

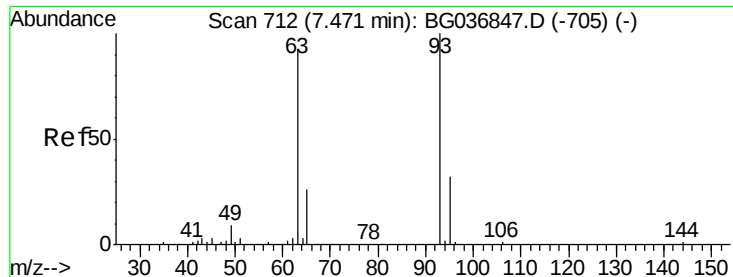
65 33.0 11.5 51.5

66 44.2 19.5 59.5



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



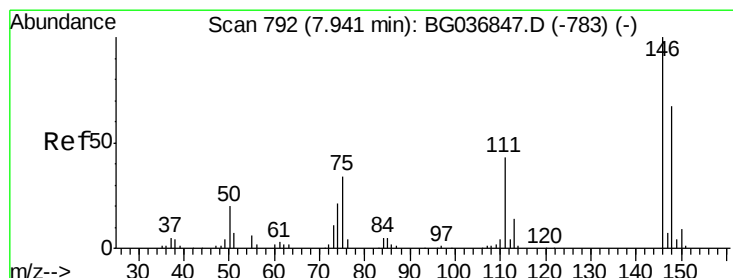
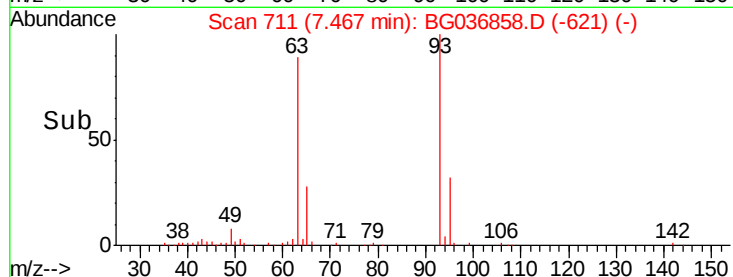
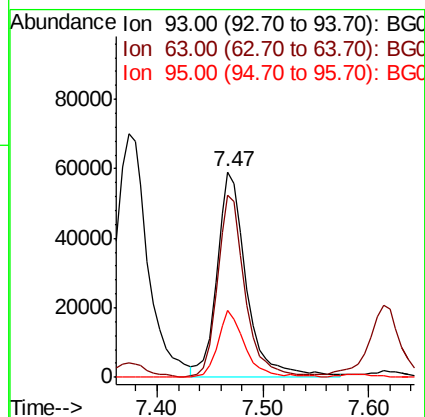
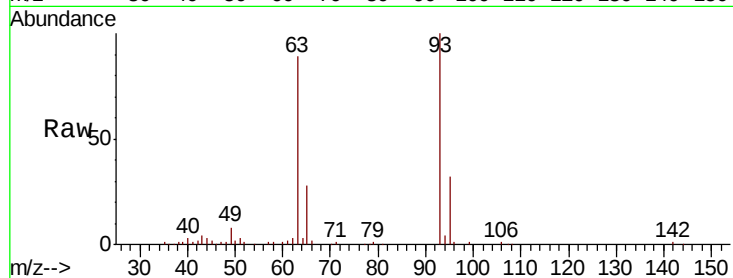


#11

bis(2-Chloroethyl)ether
Concen: 40.690 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

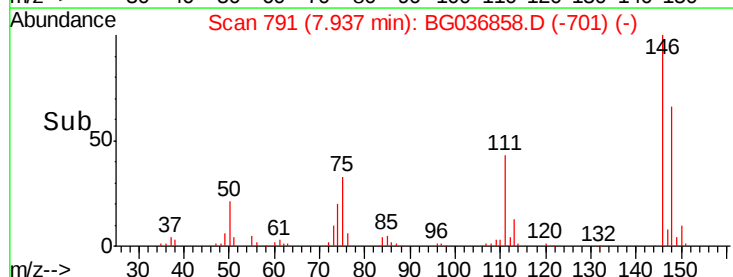
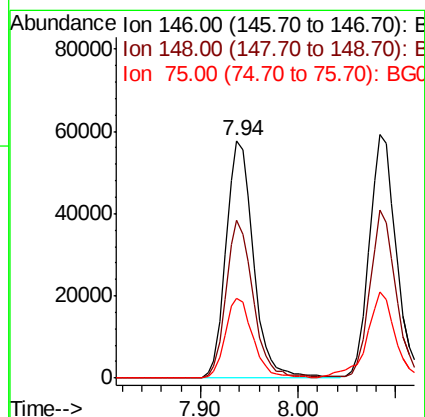
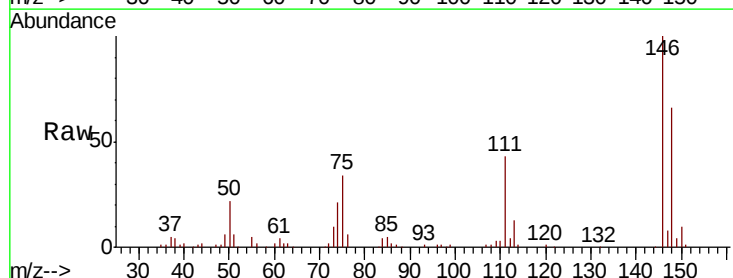
Tot Ion: 93 Resp: 114131
Ion Ratio Lower Upper
93 100
63 88.7 69.9 109.9
95 32.3 11.7 51.7

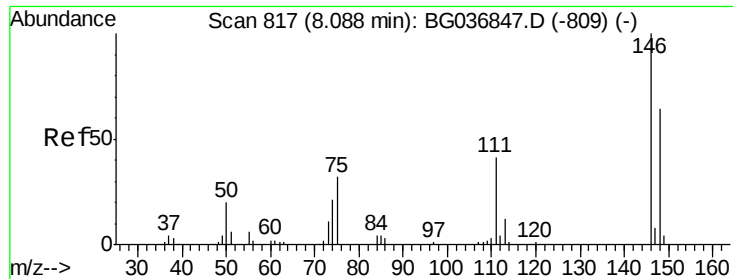


#12

1,3-Dichlorobenzene
Concen: 41.761 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion: 146 Resp: 112893
Ion Ratio Lower Upper
146 100
148 66.4 53.8 80.6
75 33.7 27.2 40.8

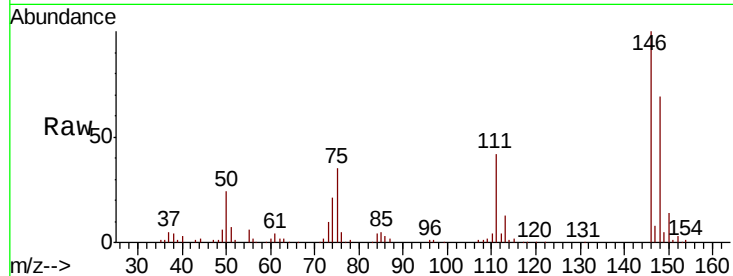




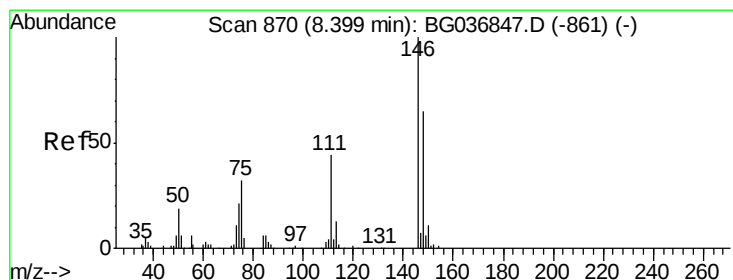
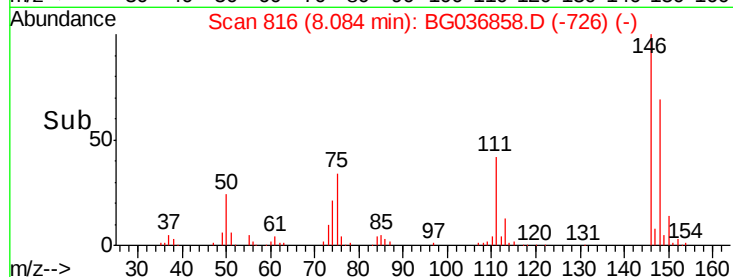
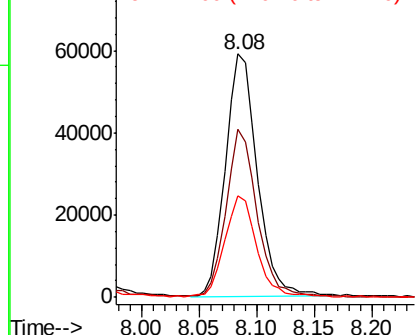
#13
 1,4-Dichlorobenzene
 Concen: 40.760 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 112760
 Ion Ratio Lower Upper
 146 100
 148 68.9 53.9 80.9
 111 41.6 33.8 50.6

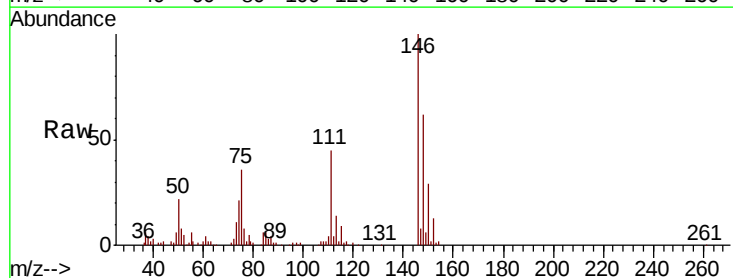


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

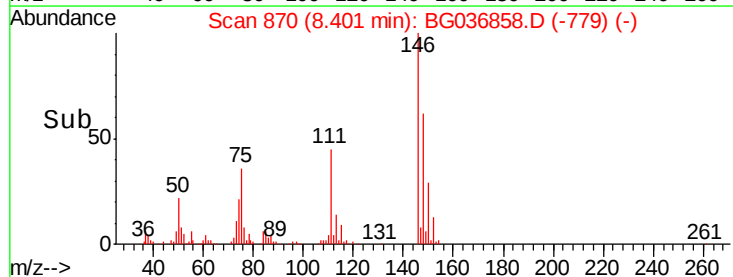
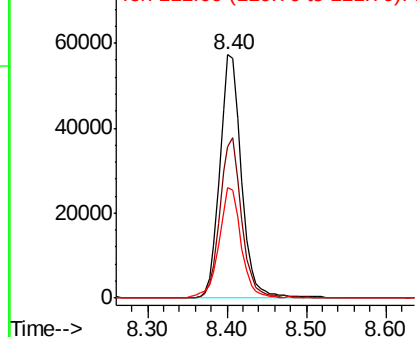


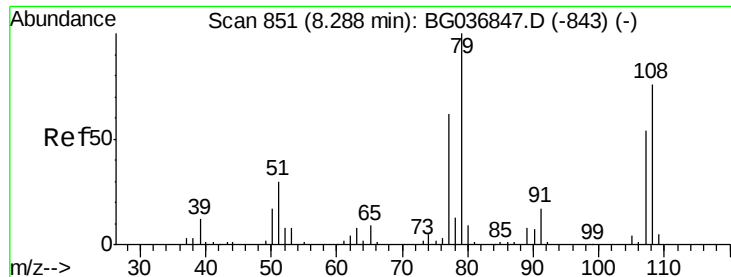
#14
 1,2-Dichlorobenzene
 Concen: 40.404 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:146 Resp: 108317
 Ion Ratio Lower Upper
 146 100
 148 62.0 55.0 82.6
 111 45.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.038 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

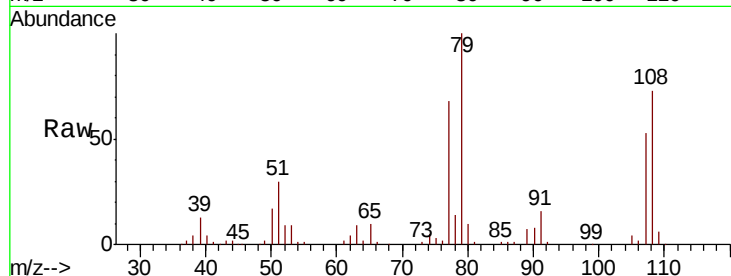
Tot Ion: 79 Resp: 100218

Ion Ratio Lower Upper

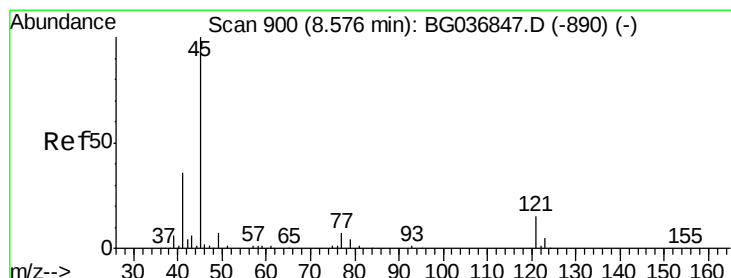
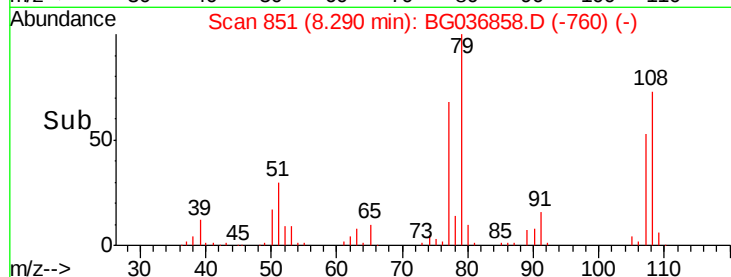
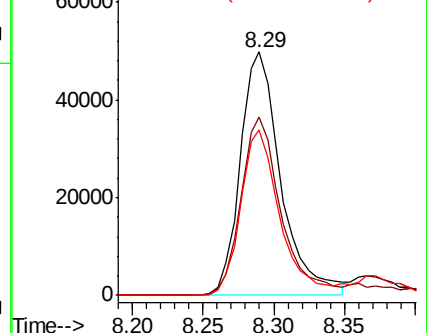
79 100

108 73.2 55.9 83.9

77 67.8 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.074 ng

RT: 8.58 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

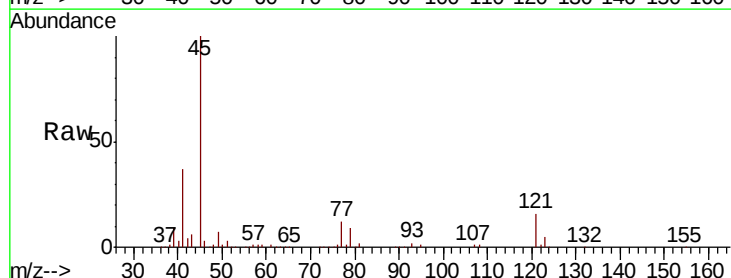
Tgt Ion: 45 Resp: 215800

Ion Ratio Lower Upper

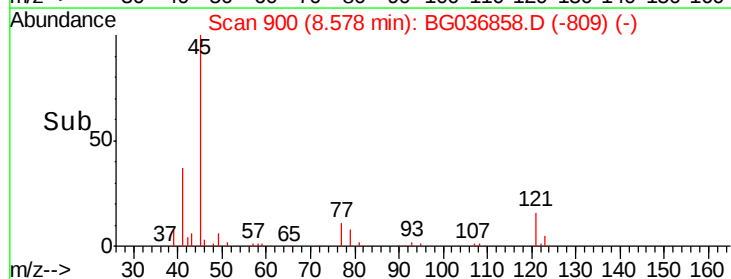
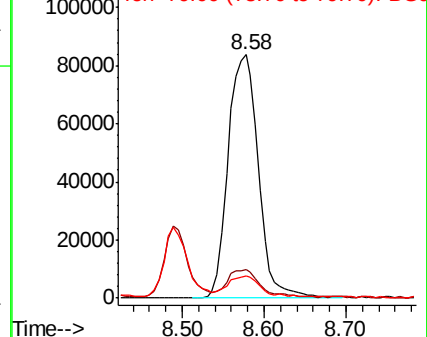
45 100

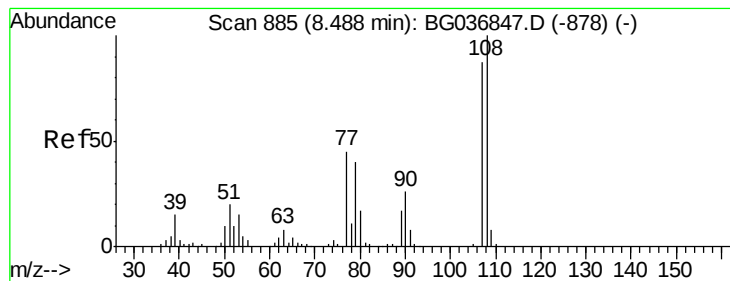
77 11.5 0.0 30.5

79 8.9 0.0 27.9



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

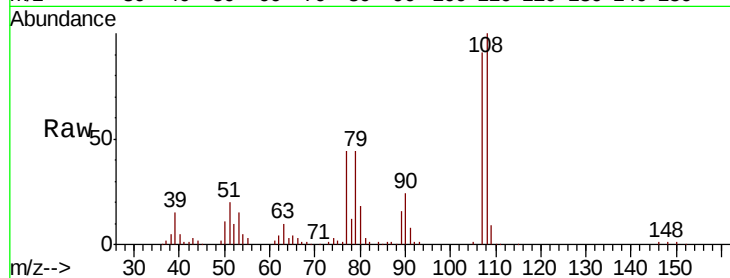




#17
2-Methylphenol
Concen: 46.903 ng
RT: 8.49 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	99067
Ion	Ratio	Lower	Upper
107	100		
108	110.0	86.7	130.1
77	48.4	39.0	58.4
79	48.0	36.6	54.8



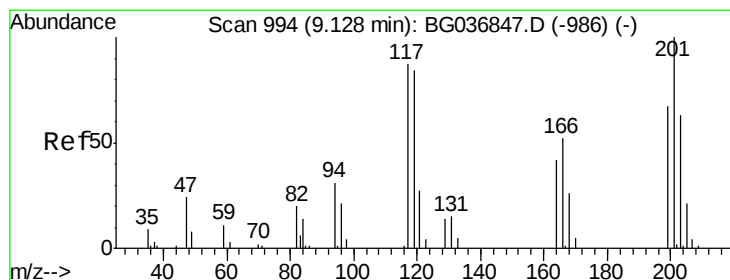
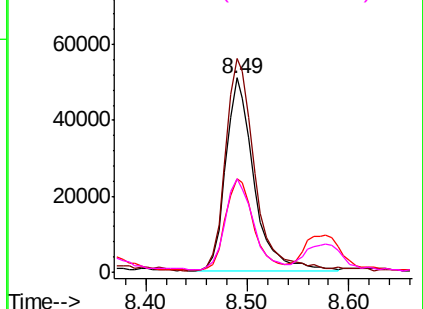
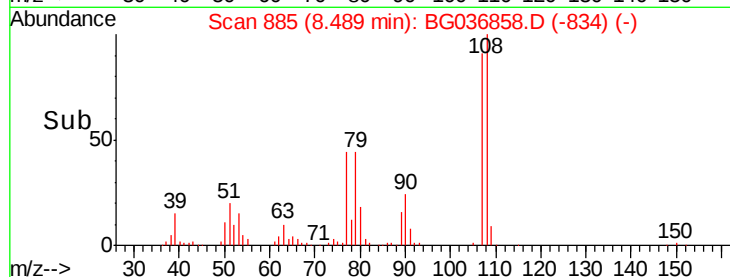
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

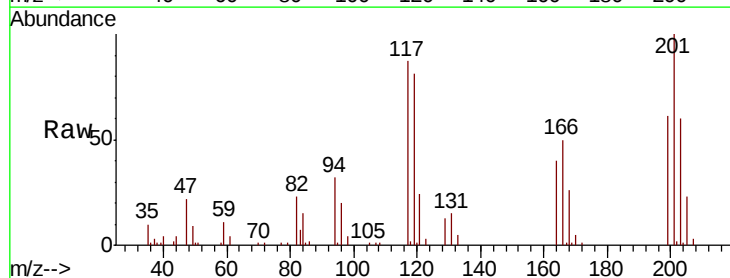
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.483 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion:	117	Resp:	42231
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.8	115.2
201	115.4	85.7	128.5

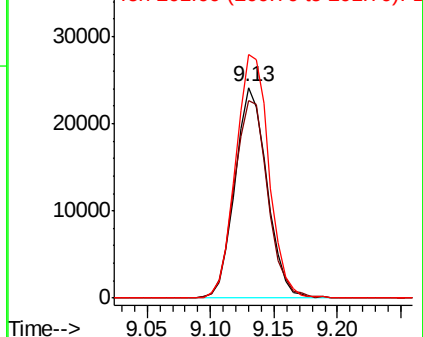
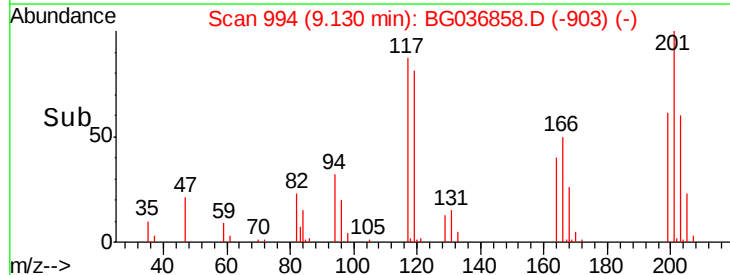


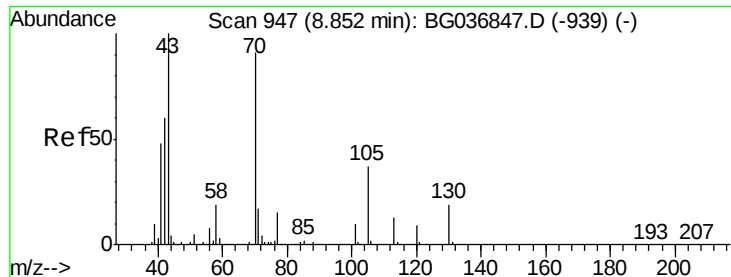
Abundance

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

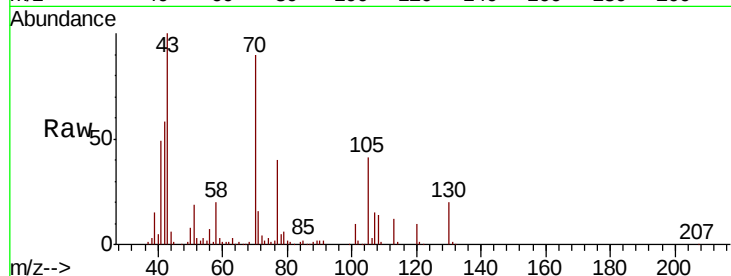




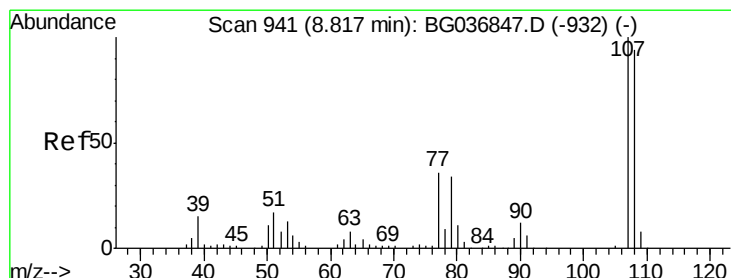
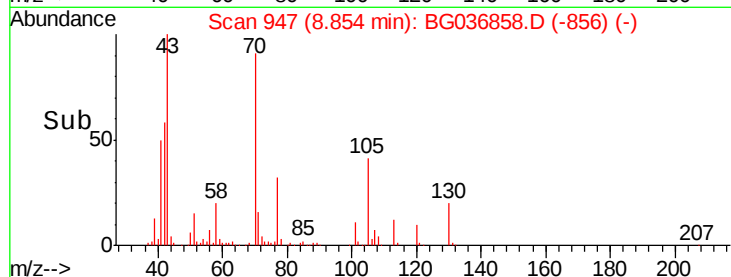
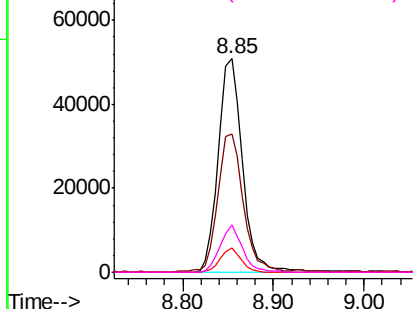
#19
n-Nitroso-di-n-propylamine
Concen: 38.707 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 94607
Ion Ratio Lower Upper
70 100
42 64.4 56.2 84.4
101 11.7 7.8 11.6#
130 21.9 16.2 24.2

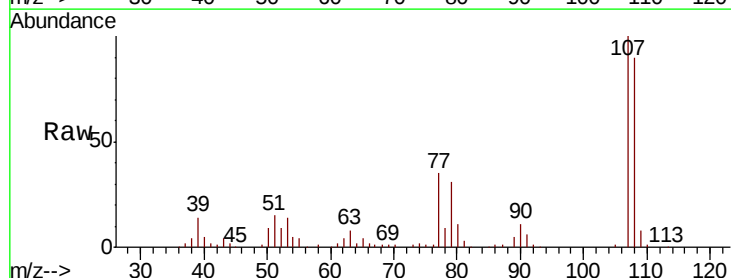


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

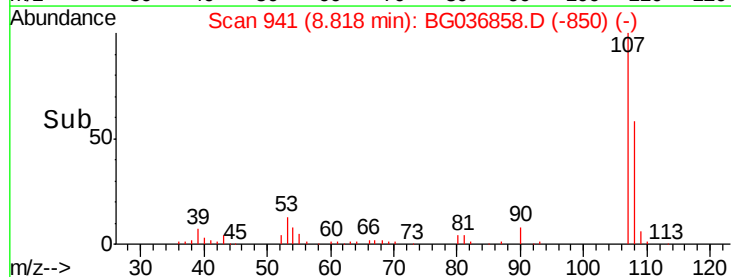
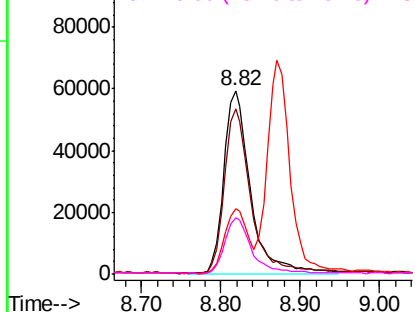


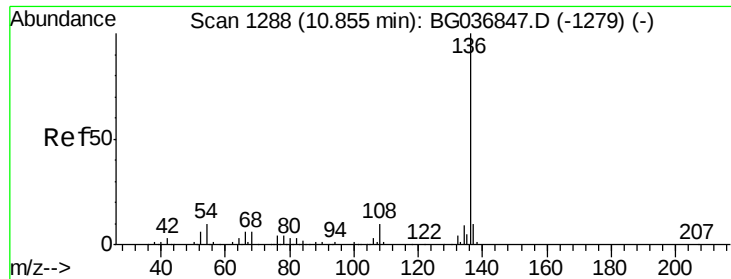
#20
3+4-Methylphenols
Concen: 46.809 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion: 107 Resp: 137544
Ion Ratio Lower Upper
107 100
108 90.1 68.0 108.0
77 35.5 15.6 55.6
79 30.9 9.9 49.9



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

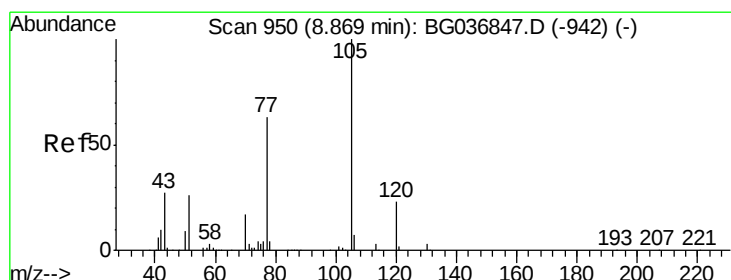
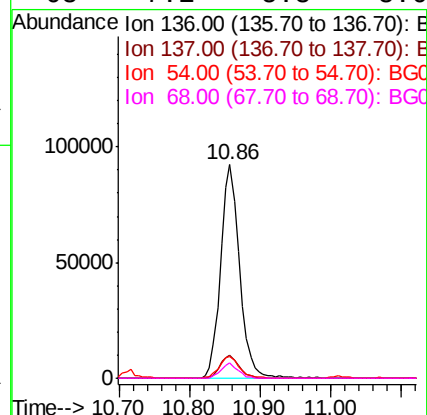
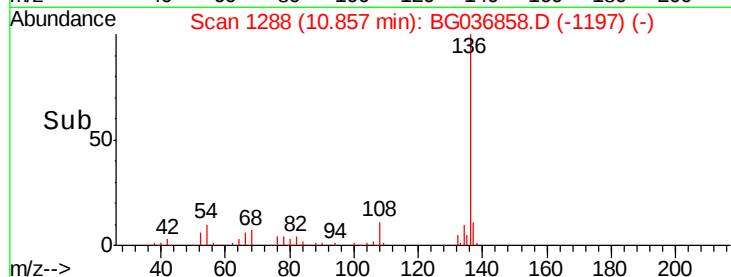
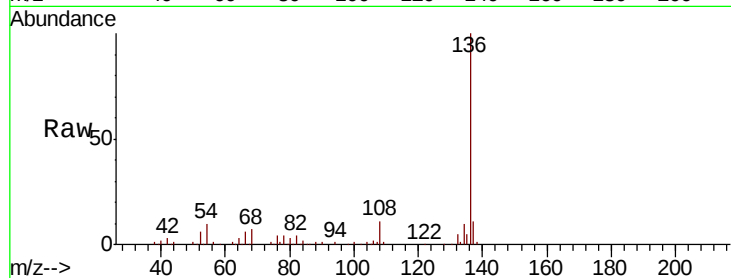




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

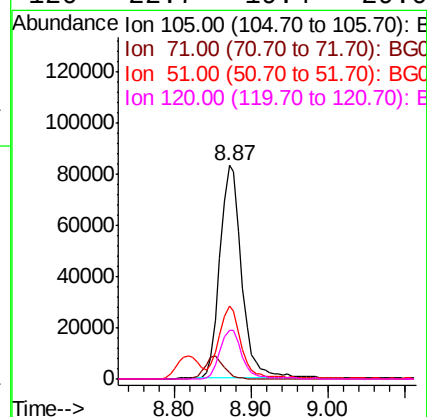
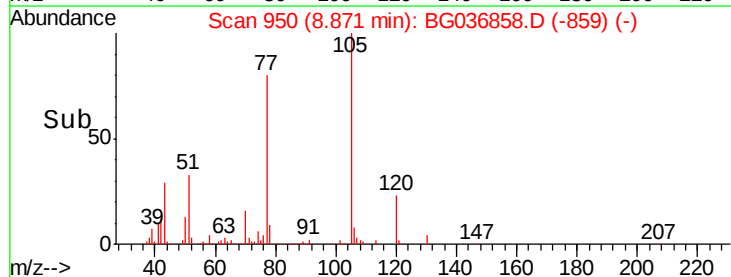
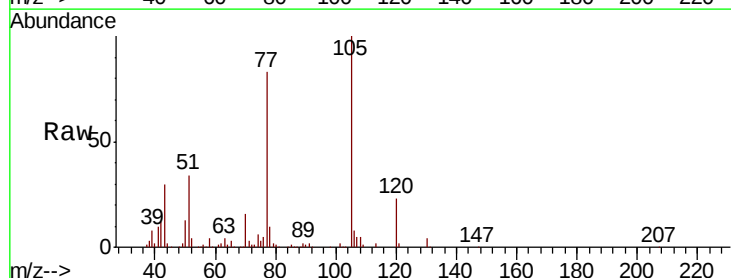
Instrument :
BNA_G
ClientSampled :

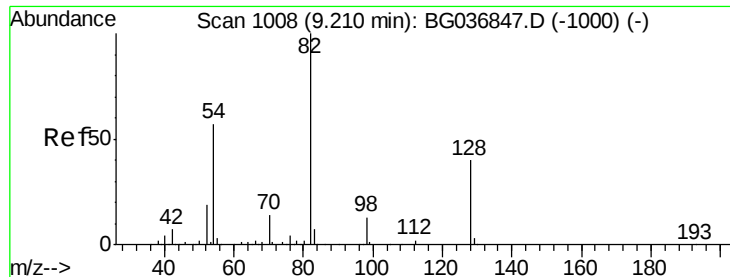
Tot Ion:136	Resp:	172188
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	10.1	9.2 13.8
68	7.1	5.8 8.6



#22
Acetophenone
Concen: 39.973 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion:105	Resp:	161744
Ion	Ratio	Lower Upper
105	100	
71	2.9	2.4 3.6
51	34.3	25.9 38.9
120	22.7	19.4 29.0

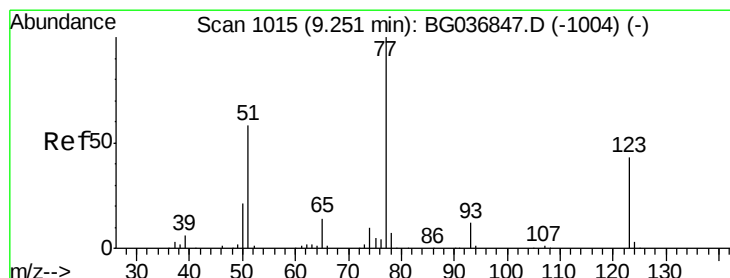
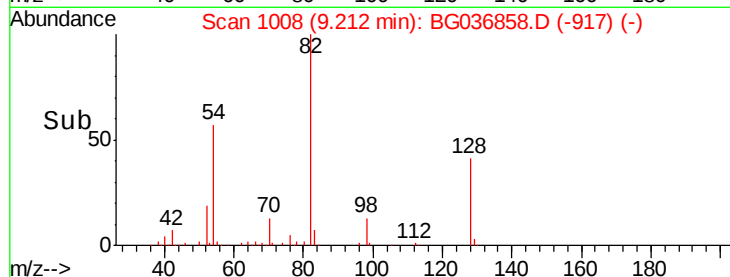
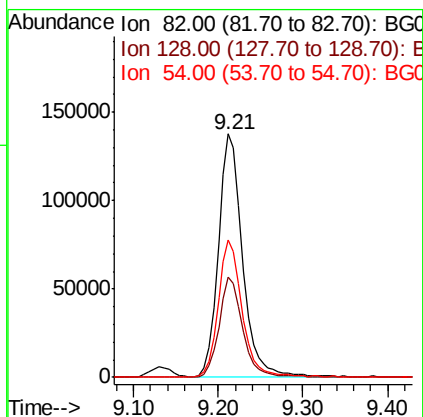
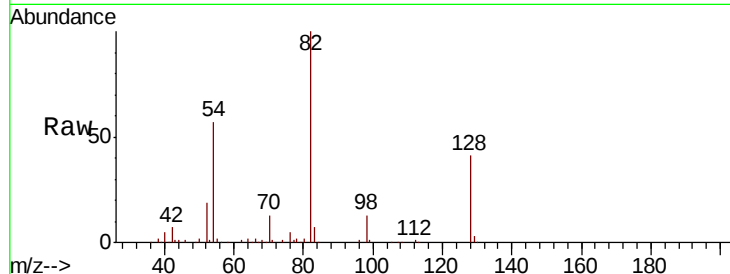




#23
 Nitrobenzene-d5
 Concen: 85.004 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

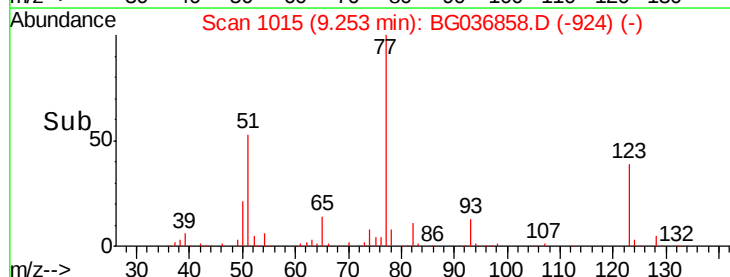
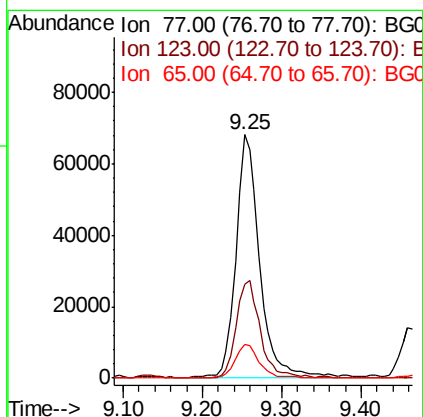
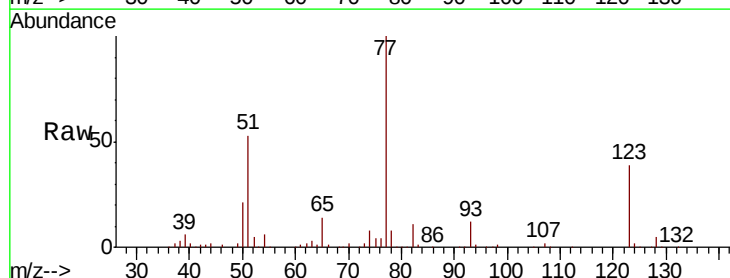
Instrument :
 BNA_G
 ClientSampleId :

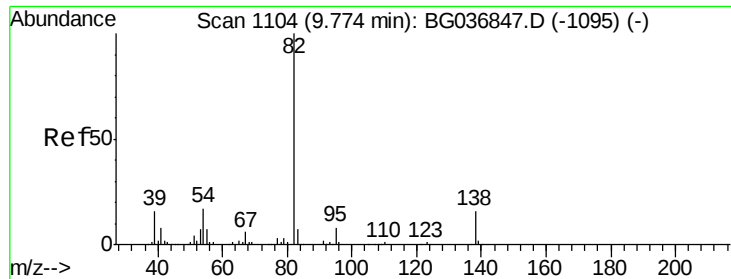
Tot Ion	82	Resp	273323
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.3	49.9
54	56.6	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.251 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	77	Resp	138210
Ion Ratio	Lower	Upper	
77	100		
123	38.5	32.4	48.6
65	13.9	11.5	17.3





#25

Isophorone

Concen: 46.088 ng

RT: 9.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

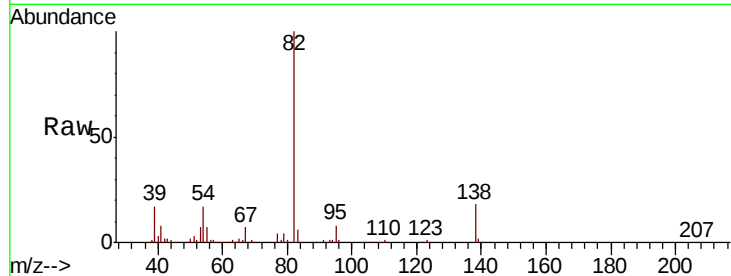
Tot Ion: 82 Resp: 270776

Ion Ratio Lower Upper

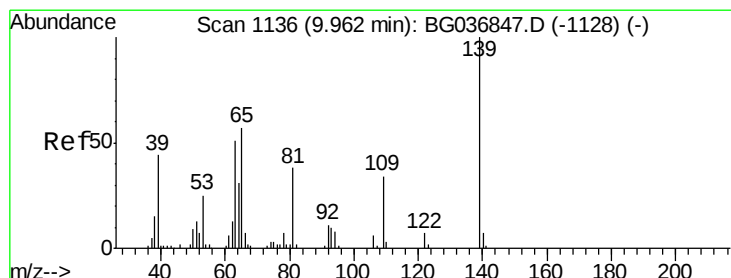
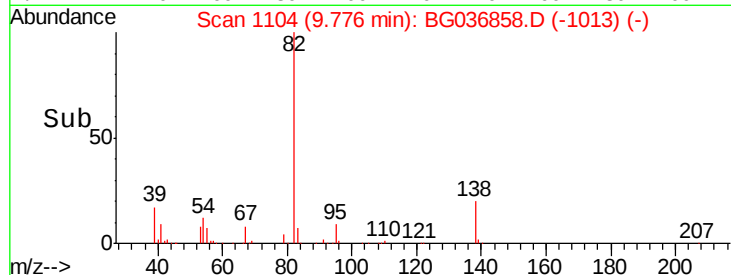
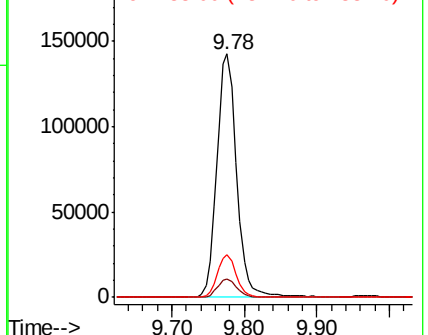
82 100

95 7.7 5.8 8.8

138 17.8 12.9 19.3



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: 41.822 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

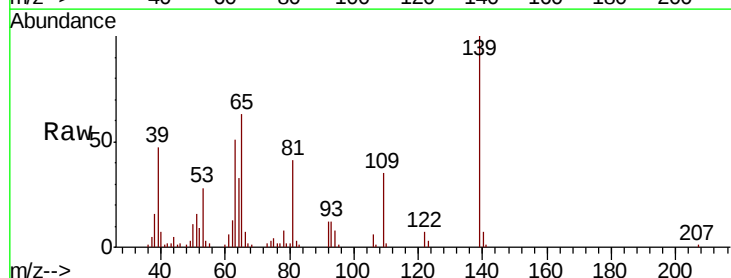
Tgt Ion: 139 Resp: 57241

Ion Ratio Lower Upper

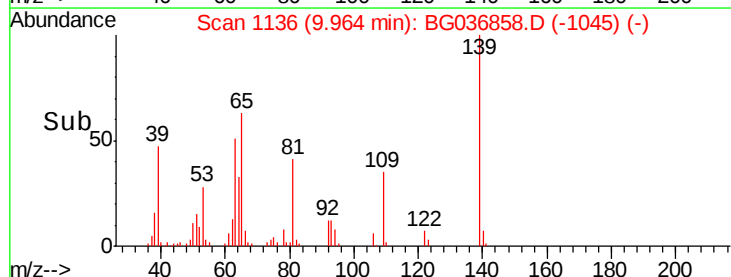
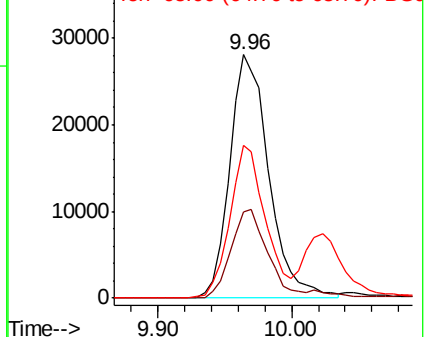
139 100

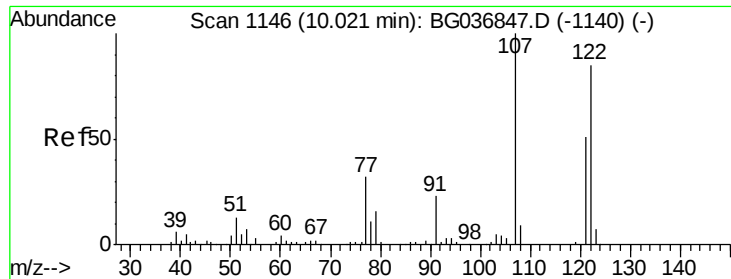
109 35.2 27.4 41.0

65 62.8 47.8 71.6



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

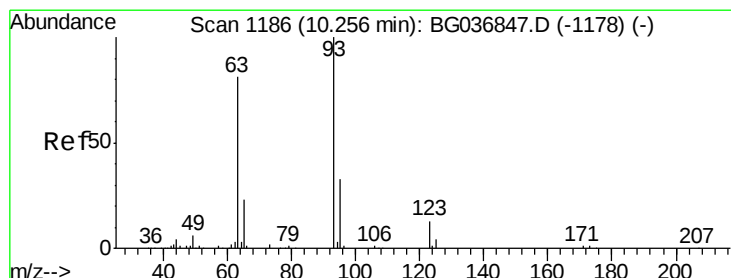
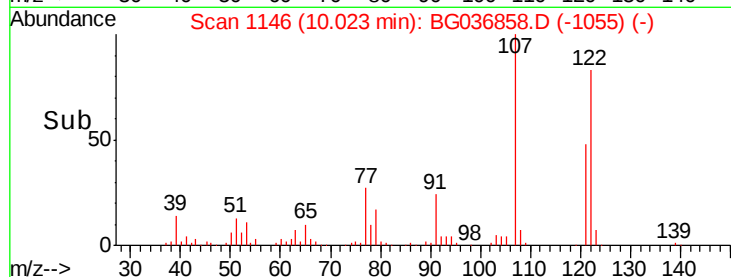
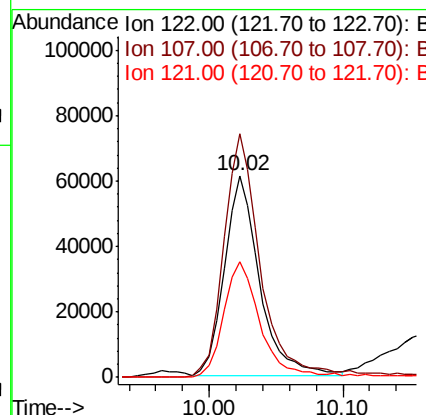
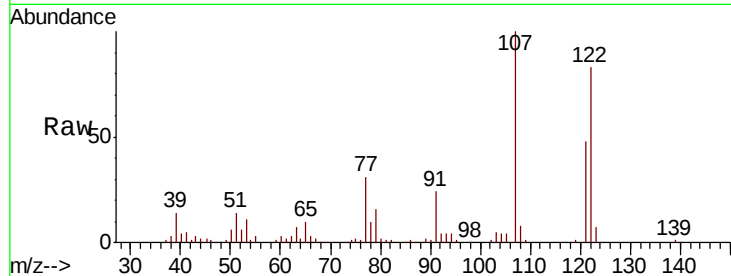




#27
 2,4-Dimethylphenol
 Concen: 52.860 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

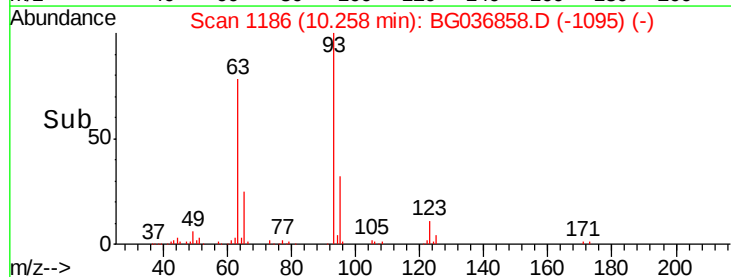
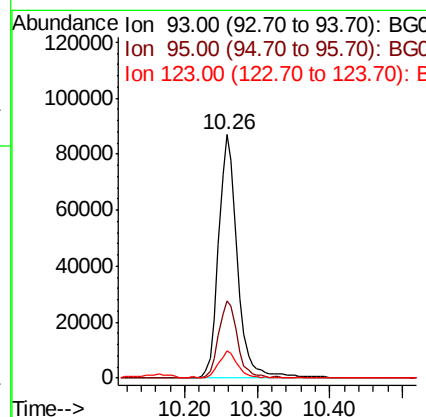
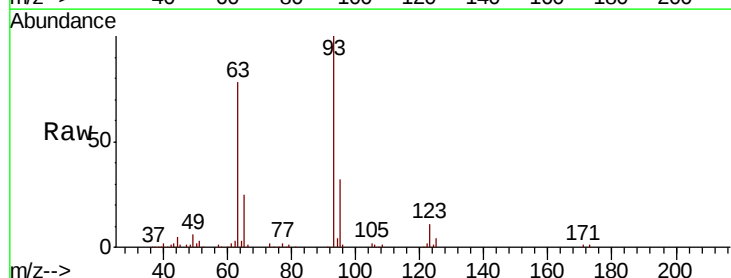
Instrument :
 BNA_G
 ClientSampled :

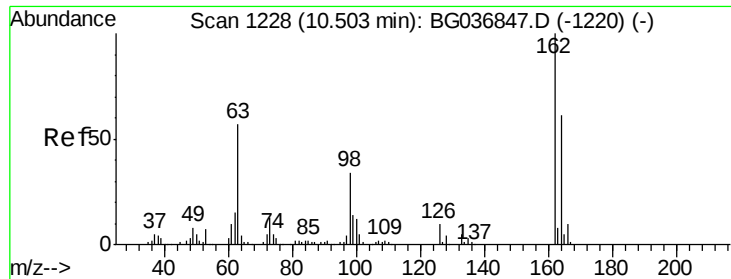
Tot Ion:122 Resp: 112697
 Ion Ratio Lower Upper
 122 100
 107 120.7 96.0 144.0
 121 57.4 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.264 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion: 93 Resp: 156847
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.2 37.8
 123 11.3 8.6 12.8

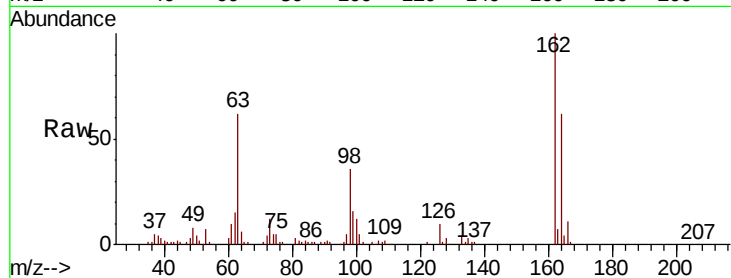




#29
 2,4-Dichlorophenol
 Concen: 48.411 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	119647
Ion	Ratio	Lower	Upper
162	100		
164	62.0	47.6	87.6
98	35.6	19.2	59.2

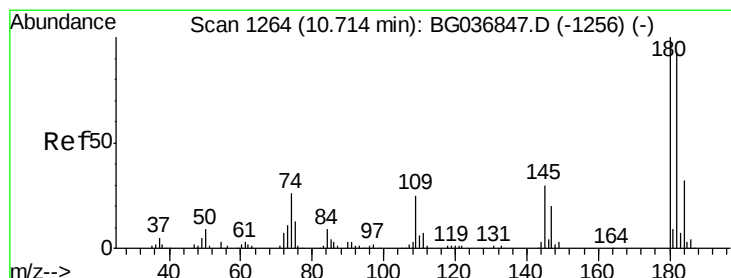
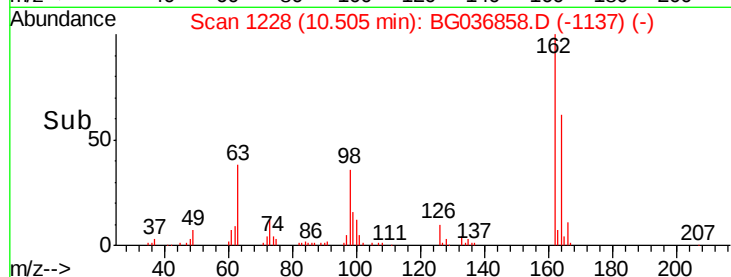
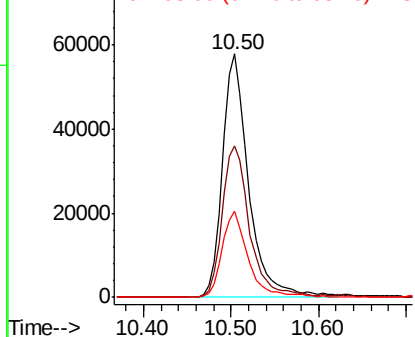


Abundance

Ion 162.00 (161.70 to 162.70): E

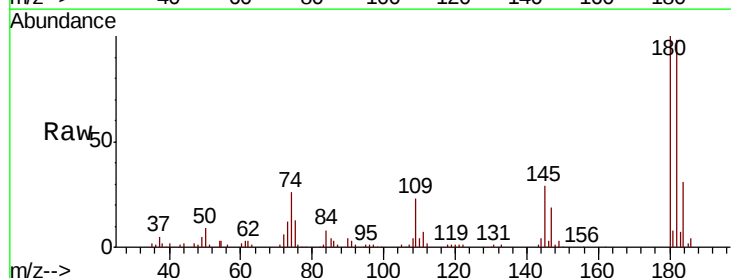
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.218 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	180	Resp	124390
Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.0	114.0
145	29.3	22.9	34.3

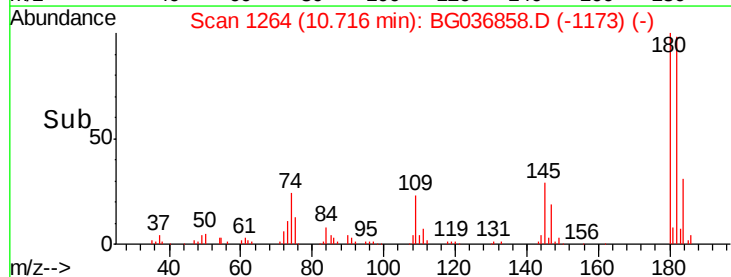
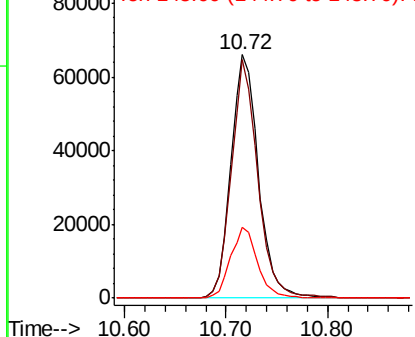


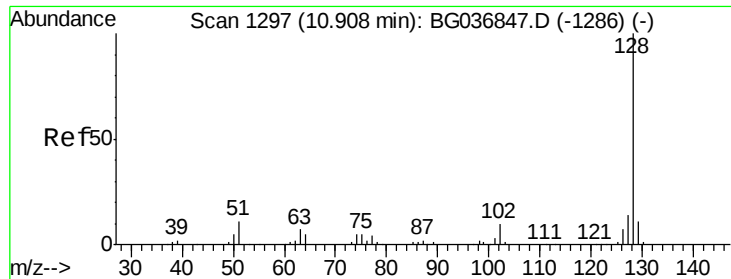
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

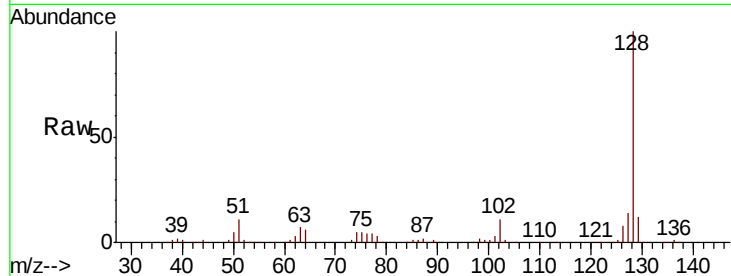




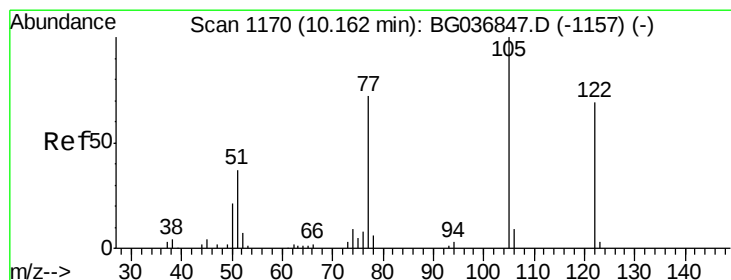
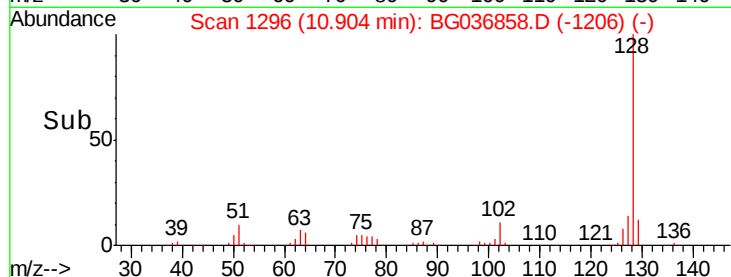
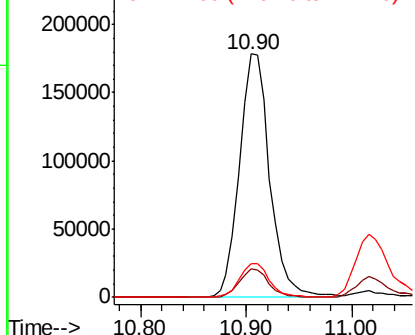
#31
Naphthalene
Concen: 43.434 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 355846
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.8 11.0 16.4

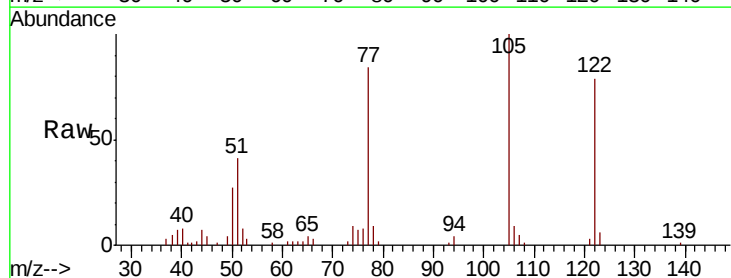


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

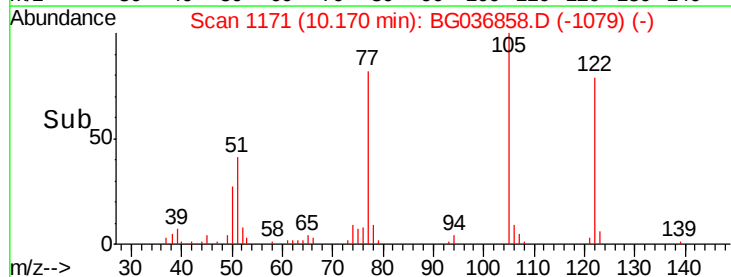
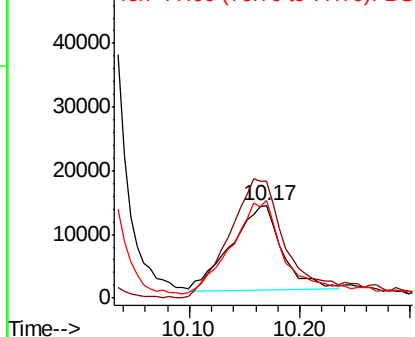


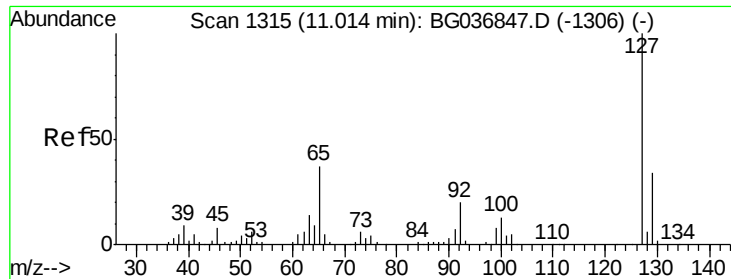
#32
Benzoic acid
Concen: 28.945 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion:122 Resp: 42987
Ion Ratio Lower Upper
122 100
105 125.9 108.1 148.1
77 105.2 76.3 116.3



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

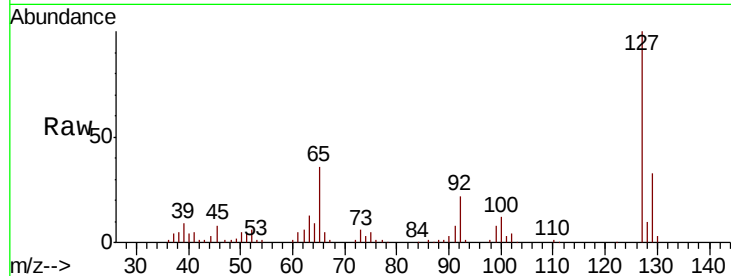




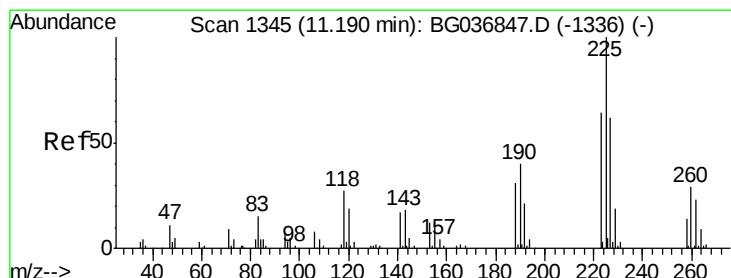
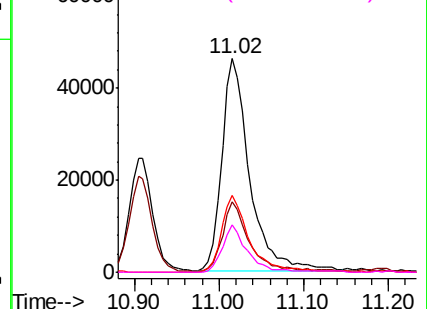
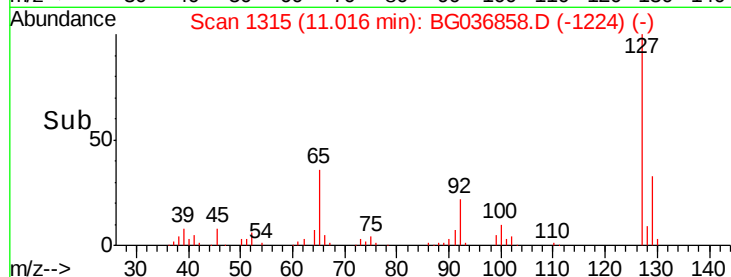
#33
4-Chloroaniline
Concen: 28.278 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	105336
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	35.9	27.5	41.3
92	22.4	16.2	24.2

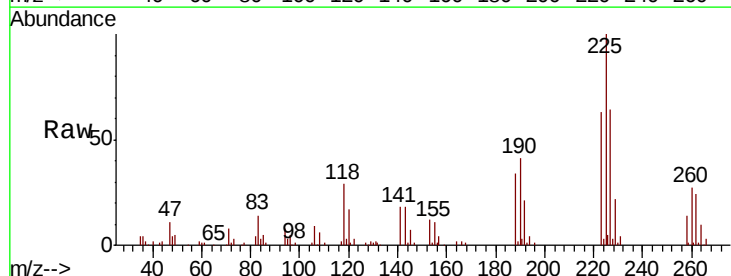


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

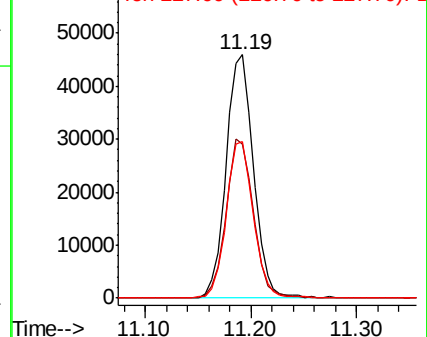
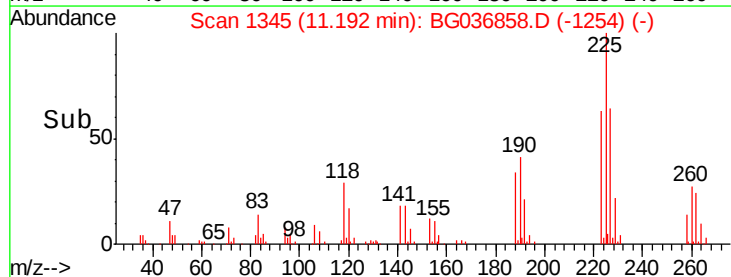


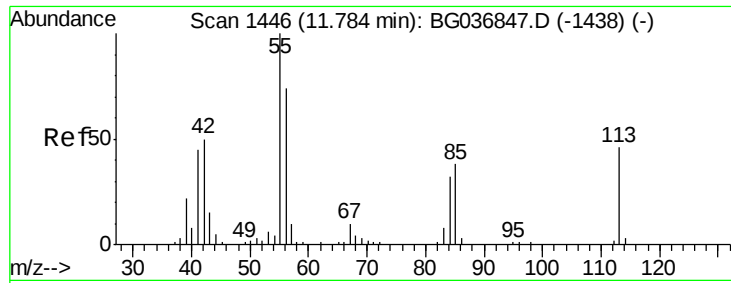
#34
Hexachlorobutadiene
Concen: 38.540 ng
RT: 11.19 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion:	225	Resp:	82433
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.8	77.8
227	64.2	49.8	74.6



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: 19.923 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

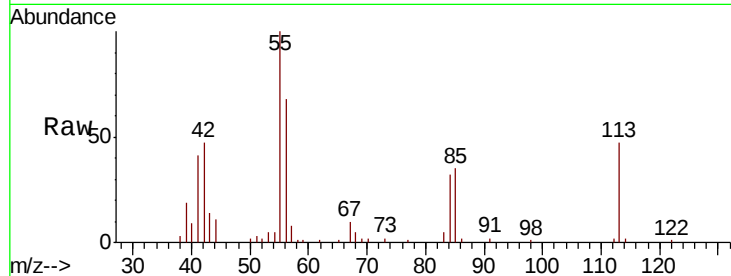
Tot Ion:113 Resp: 20266

Ion Ratio Lower Upper

113 100

55 211.4 197.7 237.7

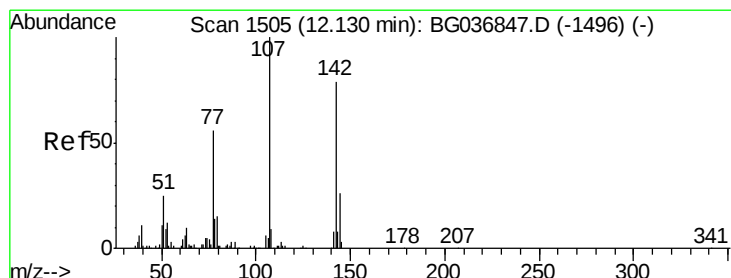
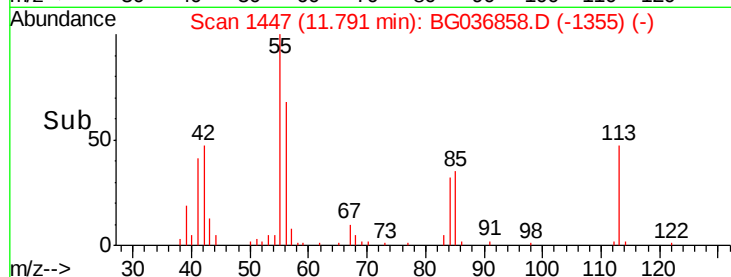
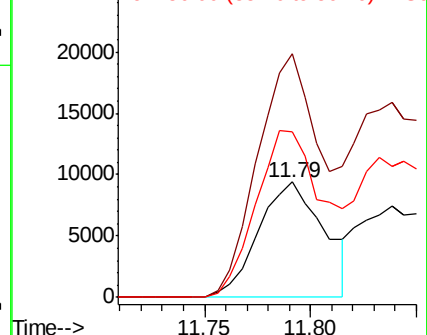
56 144.1 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.302 ng

RT: 12.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

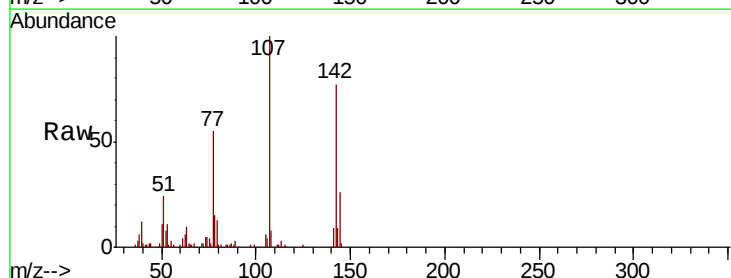
Tgt Ion:107 Resp: 142441

Ion Ratio Lower Upper

107 100

144 26.0 19.5 29.3

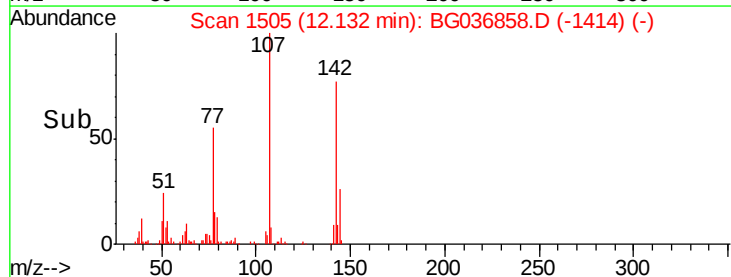
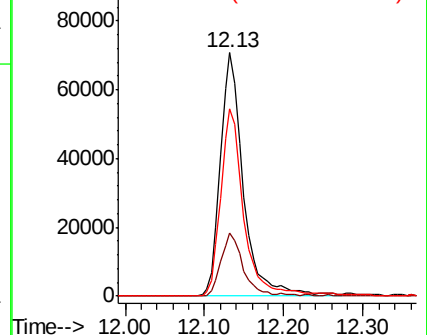
142 77.1 62.4 93.6

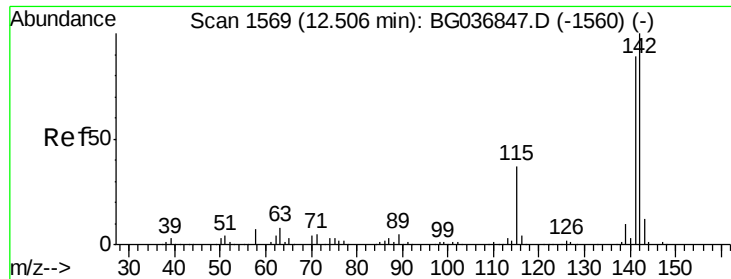


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

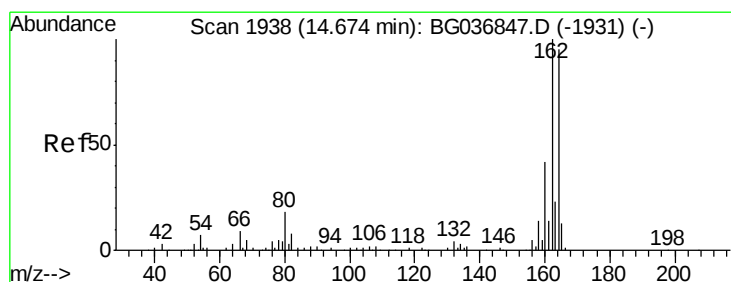
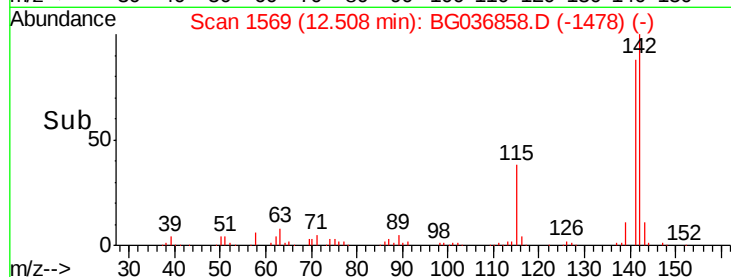
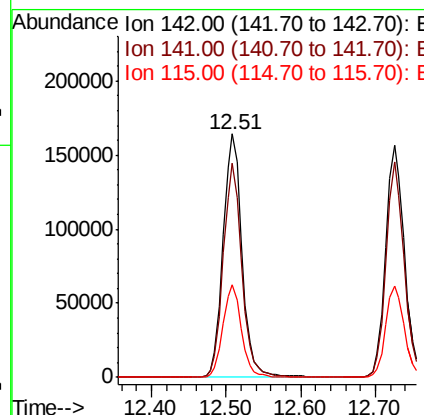
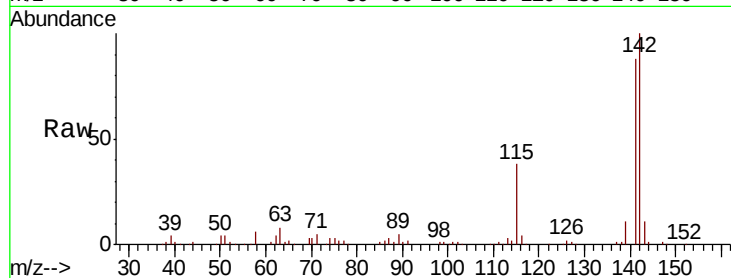




#37
2-Methylnaphthalene
Concen: 46.440 ng
RT: 12.51 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

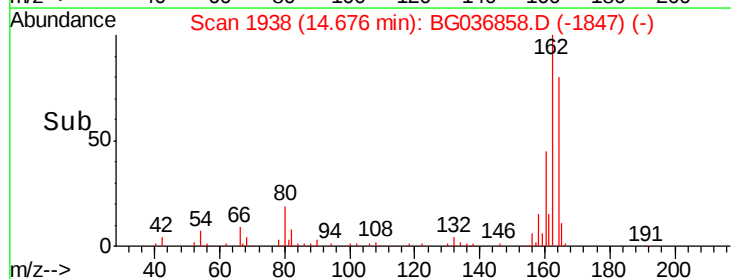
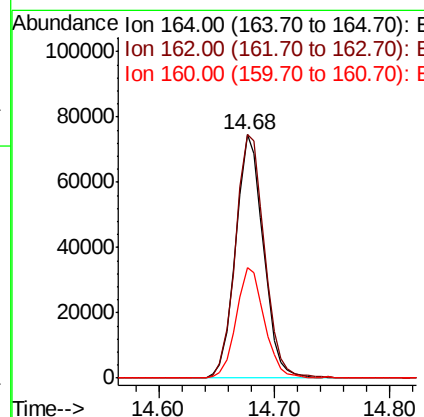
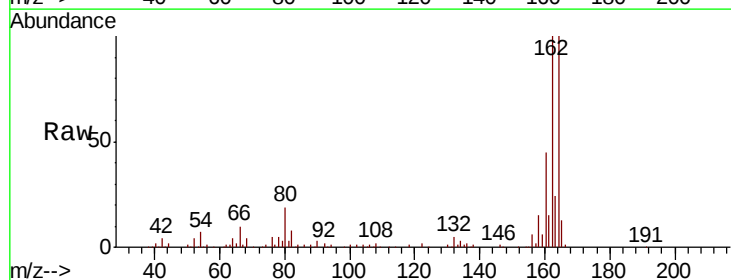
Instrument :
BNA_G
ClientSampleId :

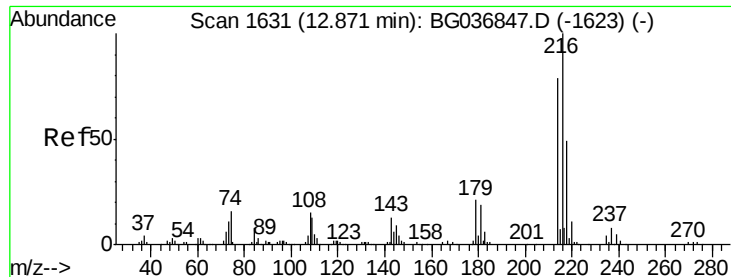
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	38.1	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	45.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.401 ng

RT: 12.88 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 161724

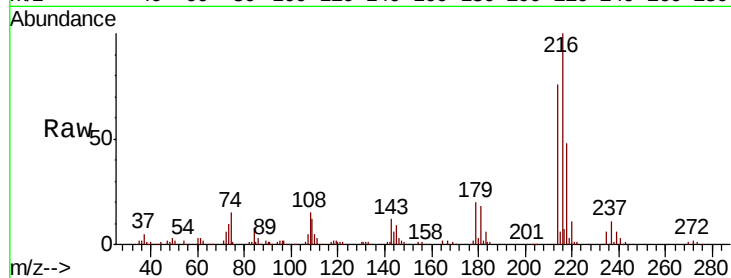
Ion Ratio Lower Upper

216 100

214 77.6 61.0 91.6

179 19.8 15.7 23.5

108 18.1 13.1 19.7

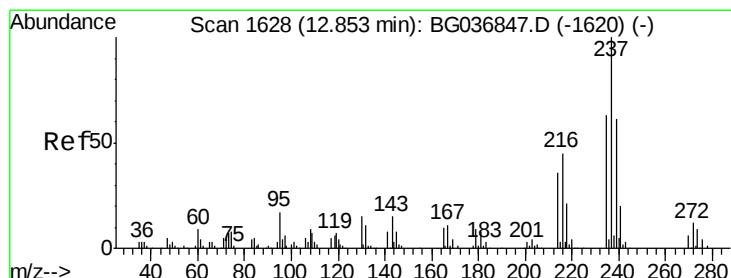
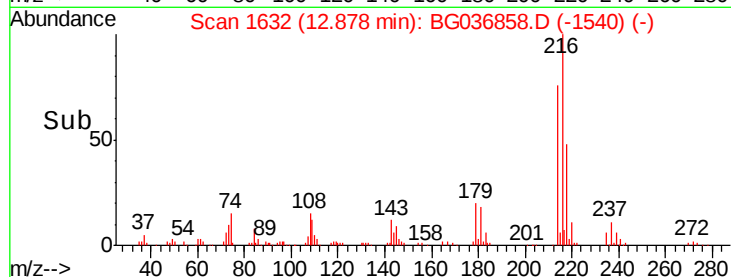
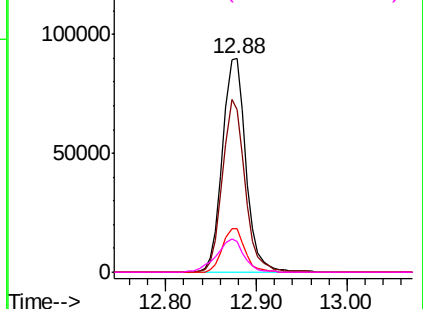


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 98.197 ng

RT: 12.85 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

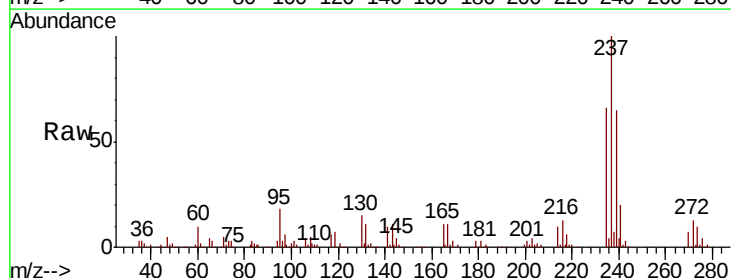
Tgt Ion:237 Resp: 218379

Ion Ratio Lower Upper

237 100

235 65.6 42.2 82.2

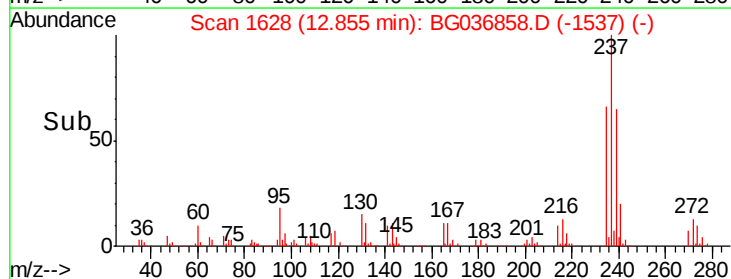
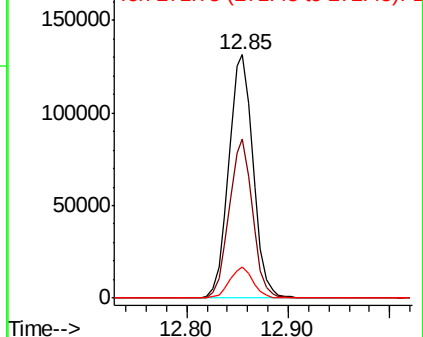
272 12.9 0.0 32.1

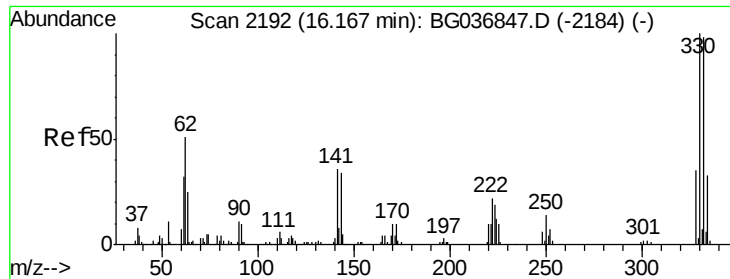


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 148.471 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

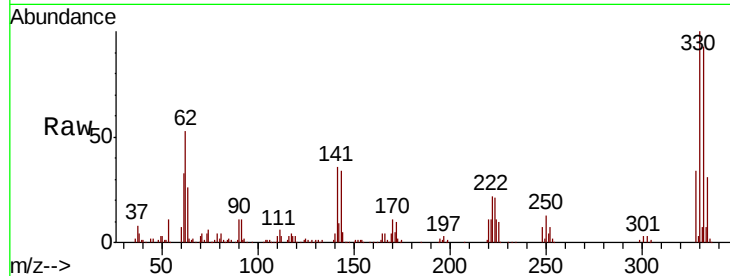
Tot Ion:330 Resp: 220229

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

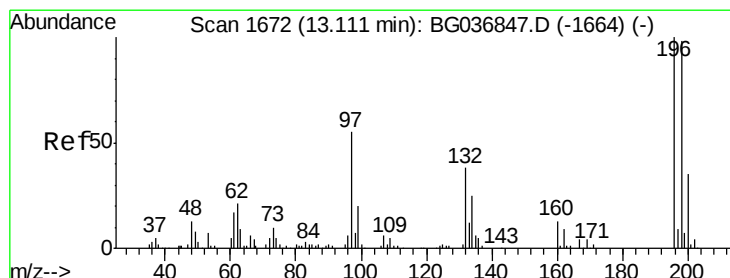
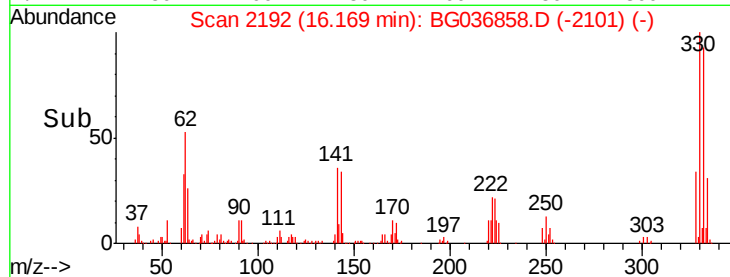
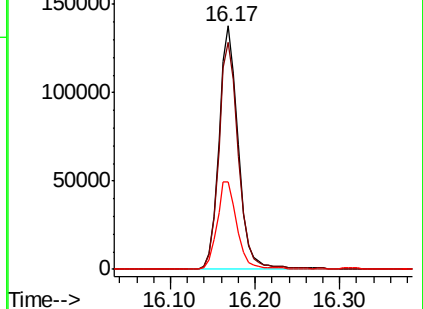
141 37.7 30.7 46.1



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



#42

2,4,6-Trichlorophenol

Concen: 45.177 ng

RT: 13.11 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

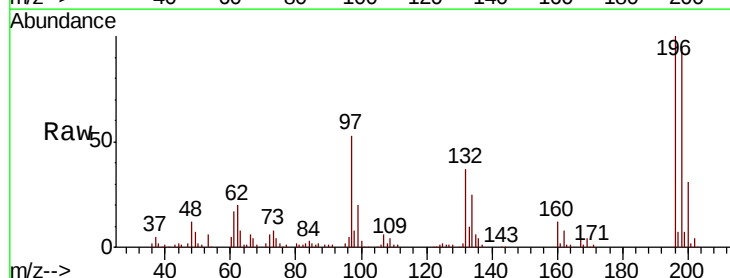
Tgt Ion:196 Resp: 108479

Ion Ratio Lower Upper

196 100

198 94.7 77.2 115.8

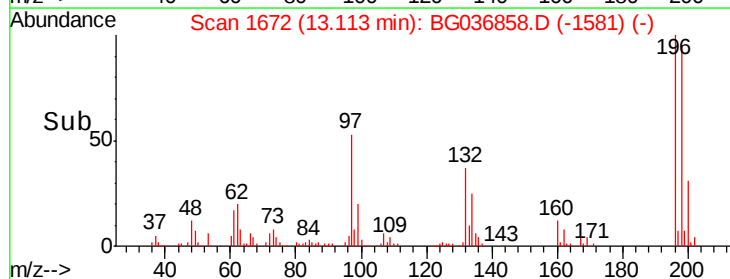
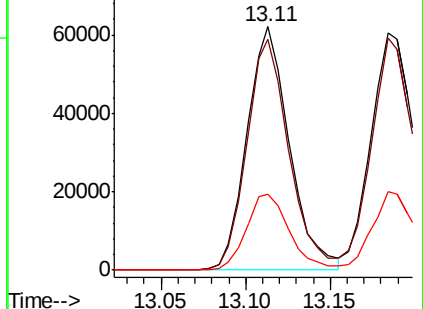
200 31.4 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

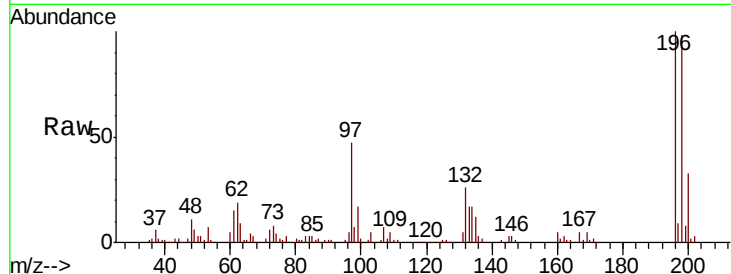




#43
 2,4,5-Trichlorophenol
 Concen: 45.898 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	98.0	75.6	113.4	
97	47.2	37.2	55.8	
132	26.4	19.4	29.2	



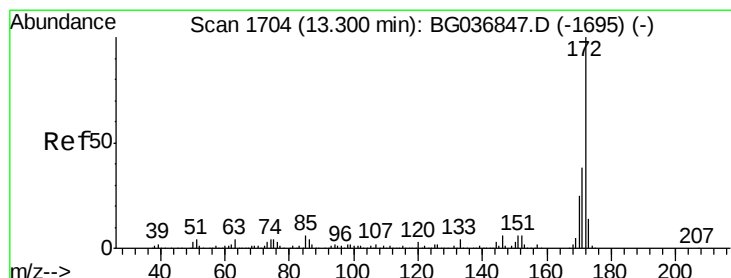
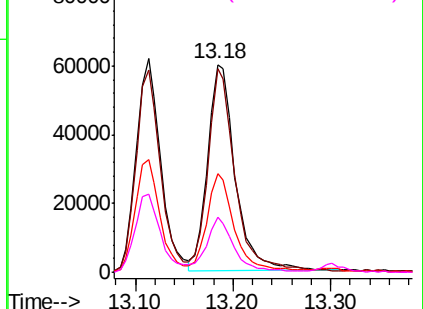
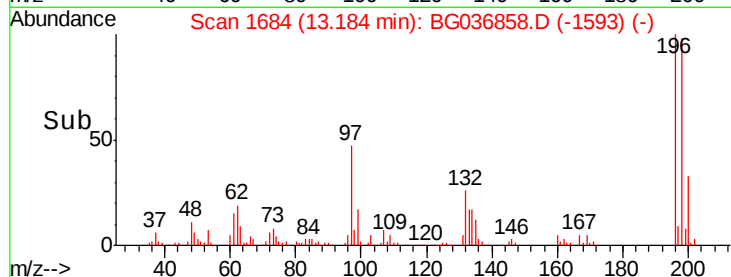
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

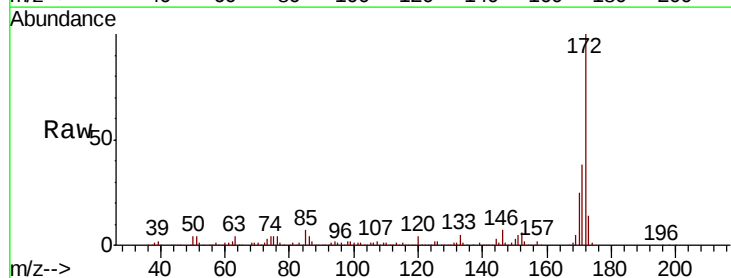
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.702 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.0	31.3	46.9	
170	25.2	21.0	31.6	

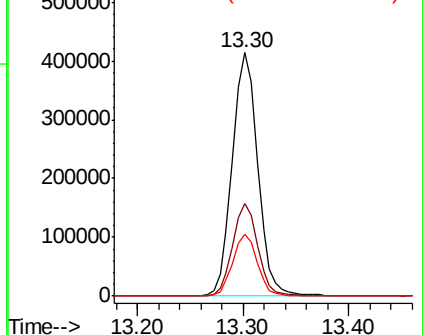
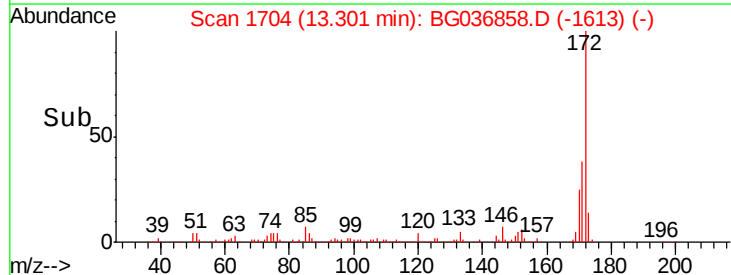


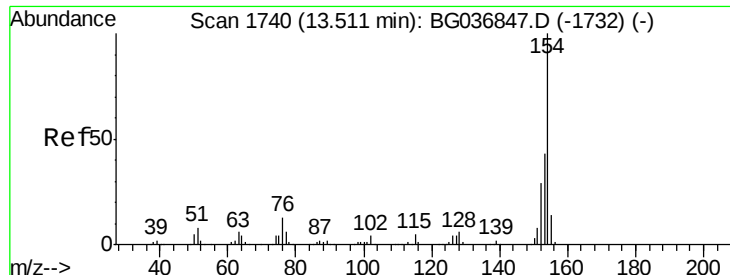
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

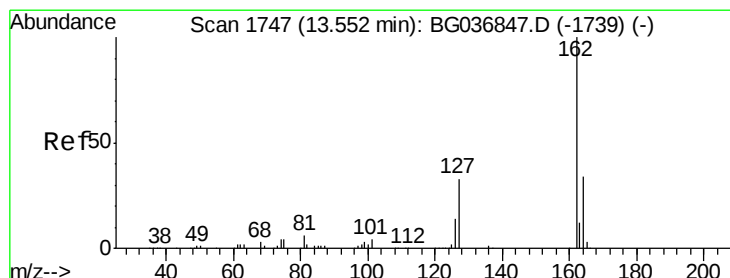
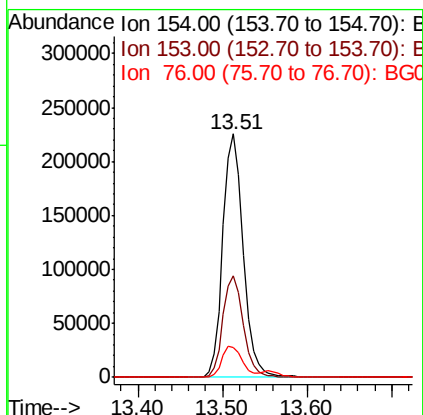
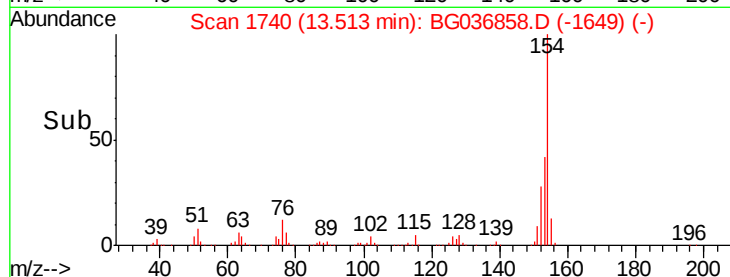
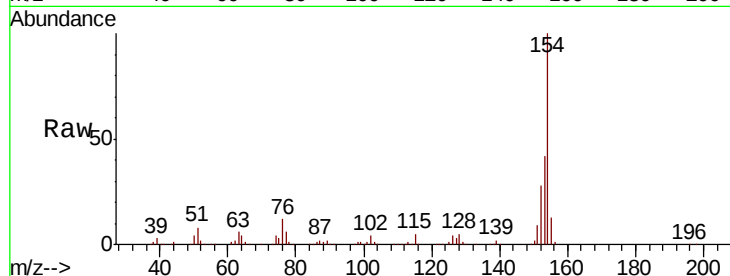




#45
 1,1'-Biphenyl
 Concen: 39.862 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

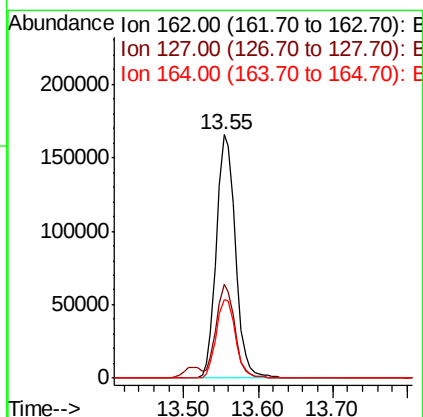
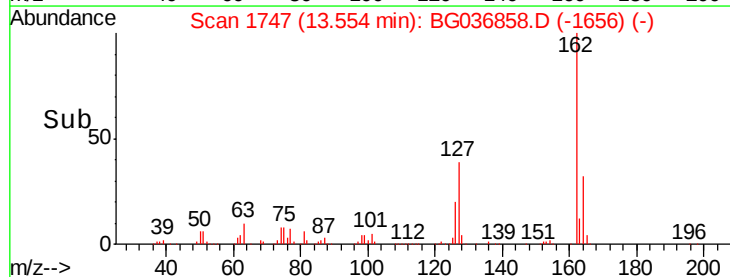
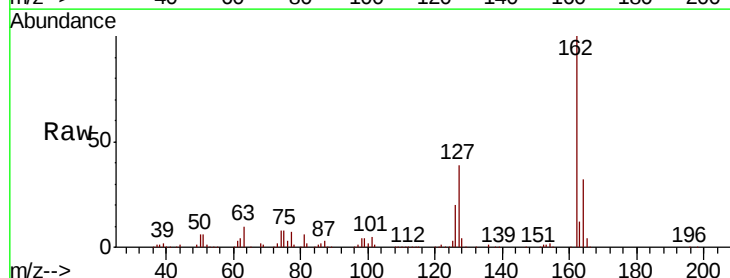
Instrument :
 BNA_G
 ClientSampleId :

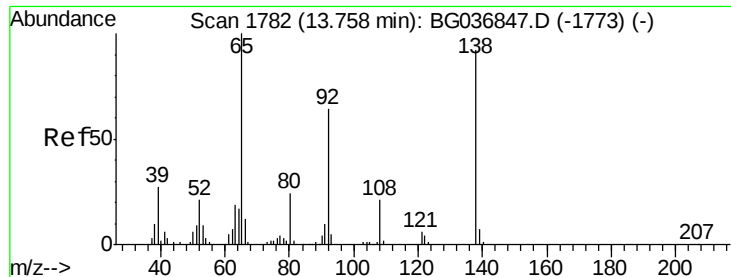
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	24.0	64.0
76	12.2	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 39.416 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	32.3	26.7	40.1





#47

2-Nitroaniline

Concen: 42.939 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

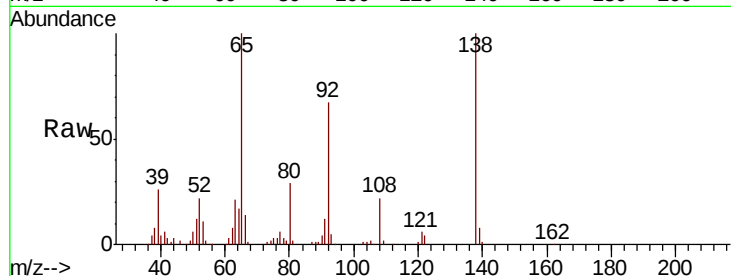
Tot Ion: 65 Resp: 110897

Ion Ratio Lower Upper

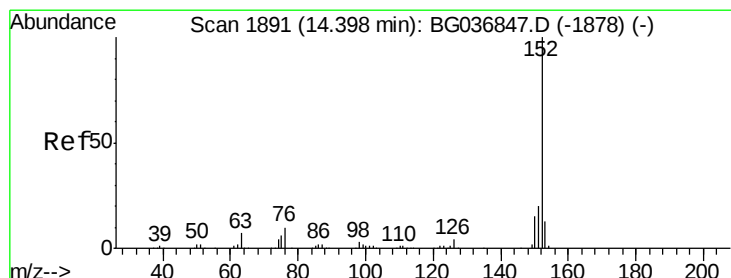
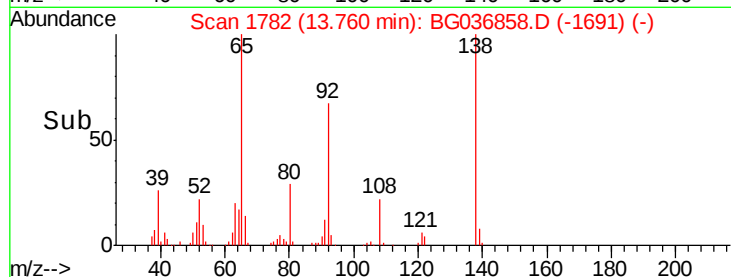
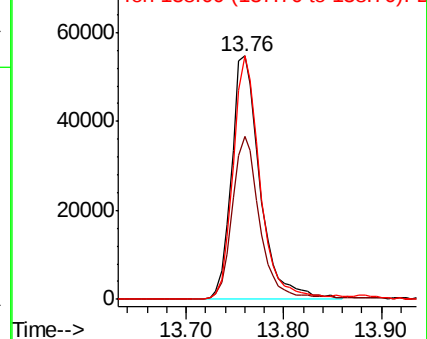
65 100

92 67.2 49.9 74.9

138 99.8 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 44.296 ng

RT: 14.40 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

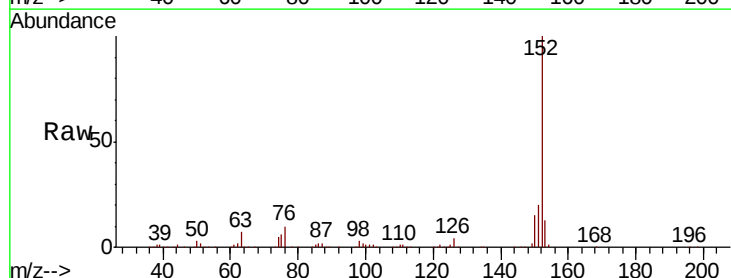
Tgt Ion: 152 Resp: 518291

Ion Ratio Lower Upper

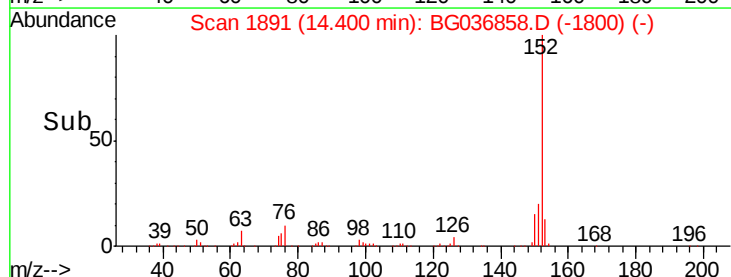
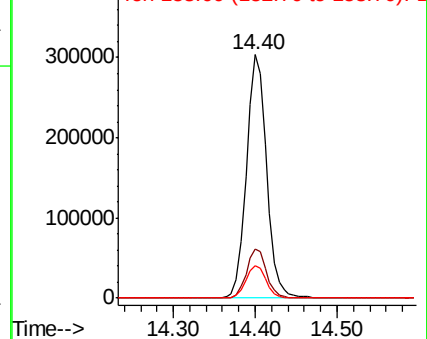
152 100

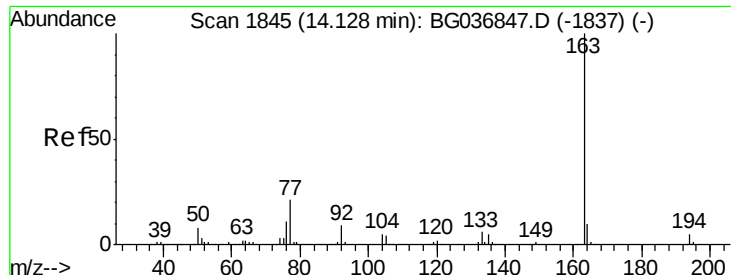
151 20.0 16.9 25.3

153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

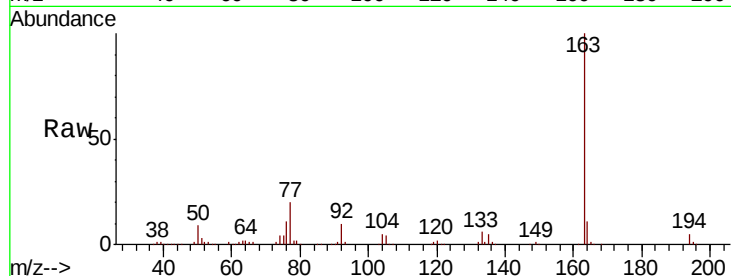




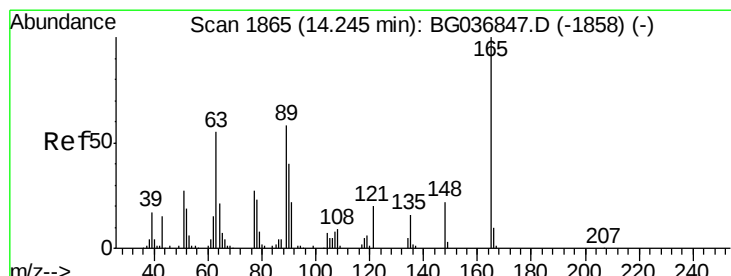
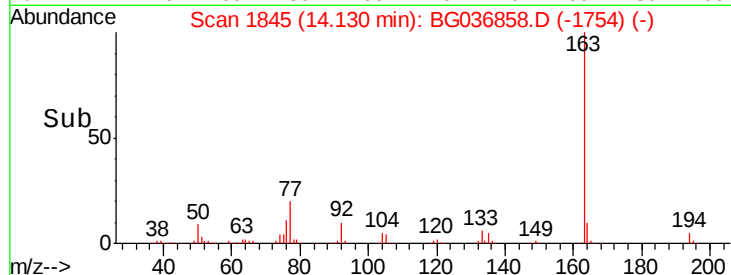
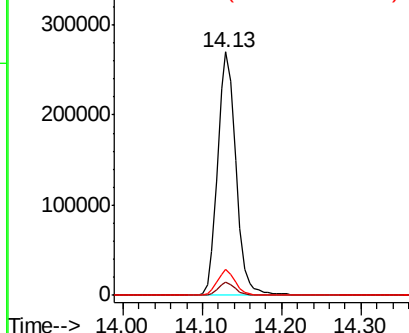
#49
Dimethylphthalate
Concen: 43.385 ng
RT: 14.13 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 432954
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 10.9 8.1 12.1

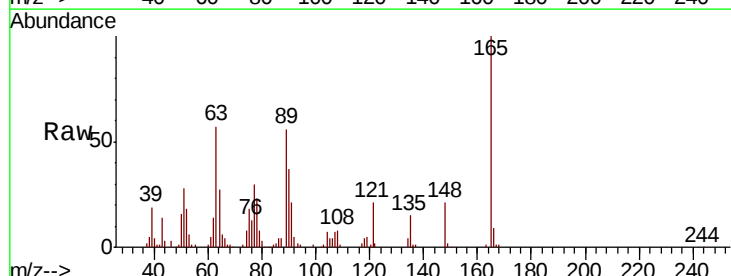


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

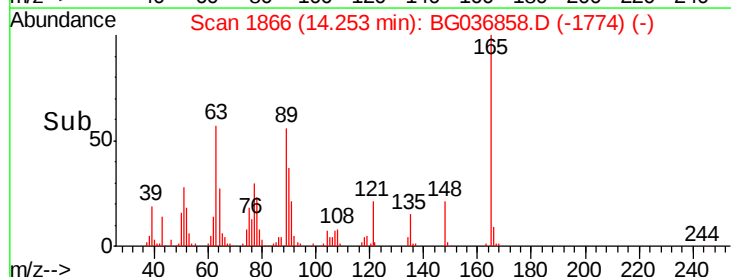
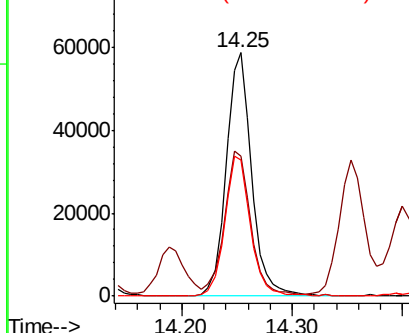


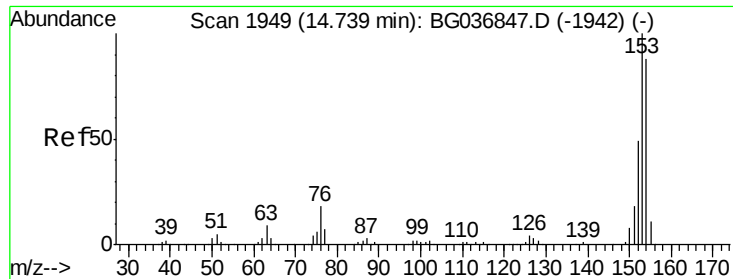
#50
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion:165 Resp: 94578
Ion Ratio Lower Upper
165 100
63 57.4 50.1 75.1
89 56.0 47.8 71.6



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





#51

Acenaphthene

Concen: 41.658 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

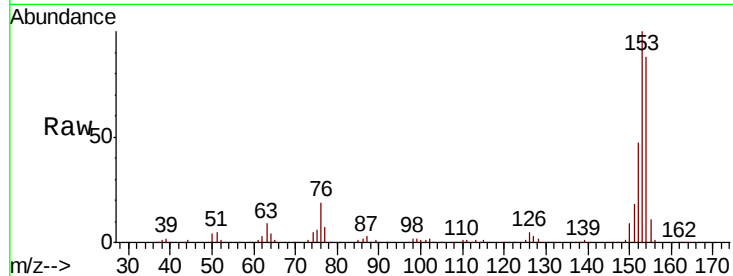
Tot Ion:154 Resp: 294591

Ion Ratio Lower Upper

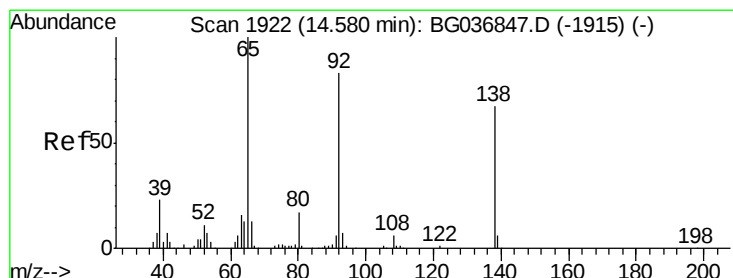
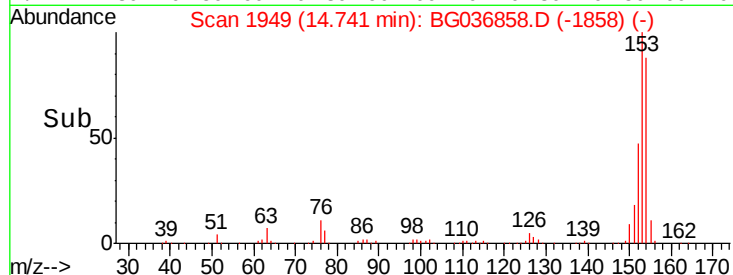
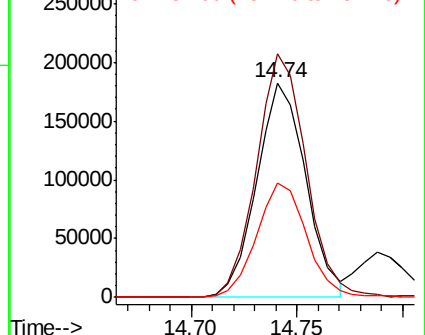
154 100

153 113.5 91.8 137.6

152 53.5 43.5 65.3



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



#52

3-Nitroaniline

Concen: 31.739 ng

RT: 14.59 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

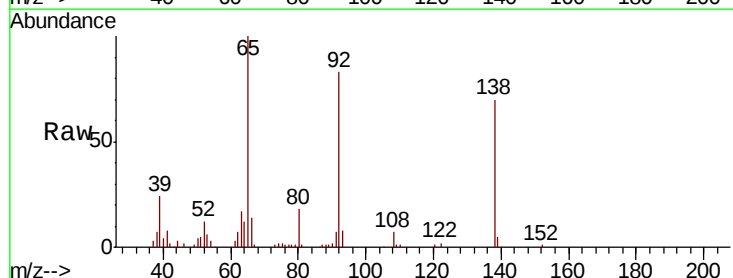
Tgt Ion:138 Resp: 72820

Ion Ratio Lower Upper

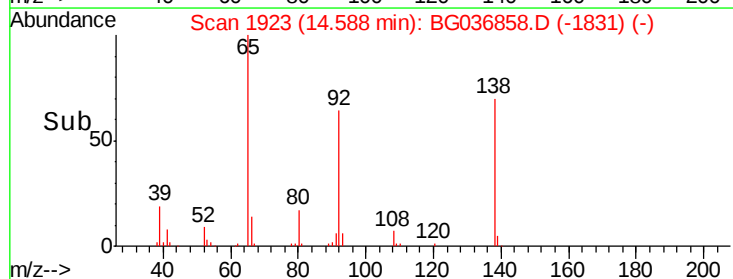
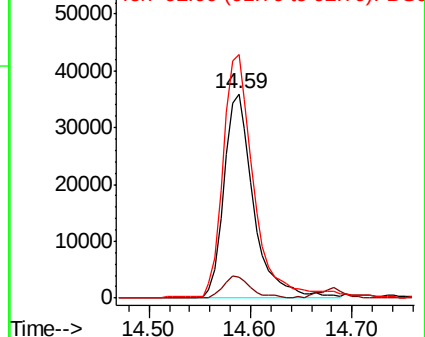
138 100

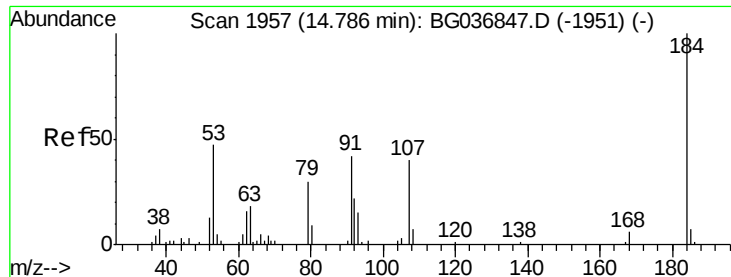
108 10.2 9.4 14.2

92 119.2 96.8 145.2



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): BG





#53

2,4-Dinitrophenol

Concen: 99.438 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampled :

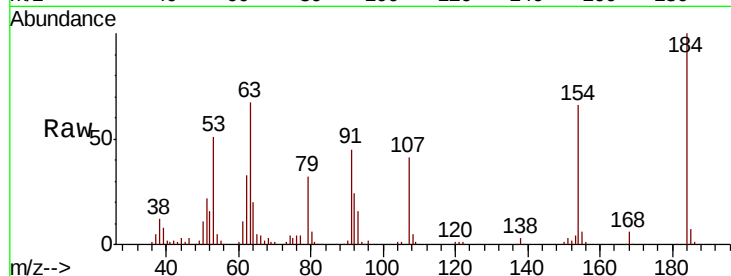
Tot Ion:184 Resp: 103564

Ion Ratio Lower Upper

184 100

63 66.6 47.3 70.9

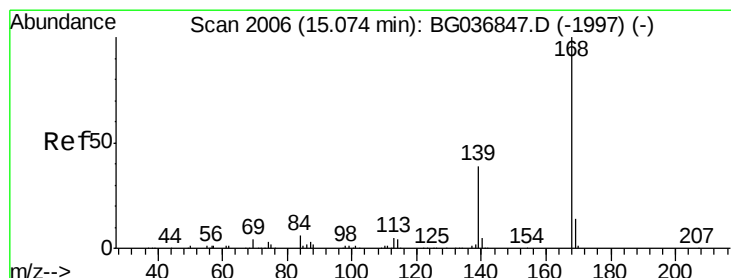
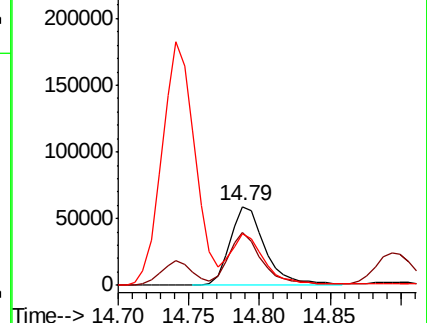
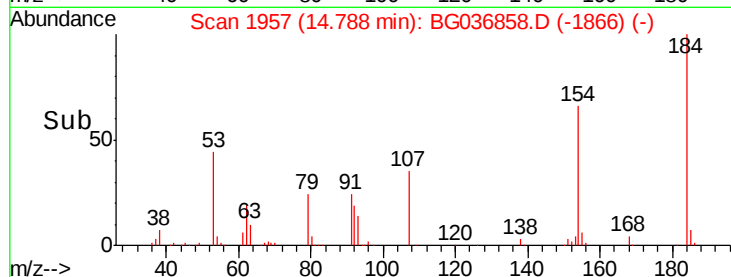
154 65.7 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.739 ng

RT: 15.08 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

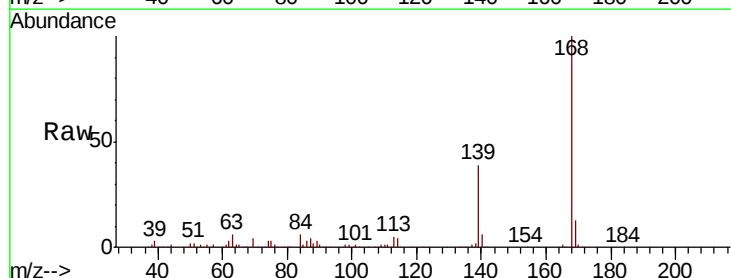
Tgt Ion:168 Resp: 499261

Ion Ratio Lower Upper

168 100

139 38.7 31.0 46.6

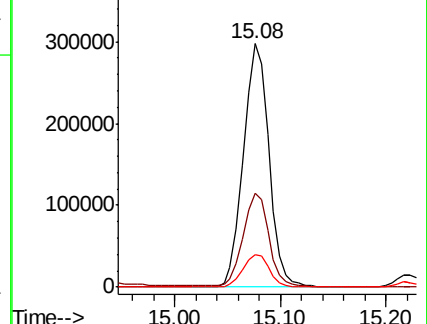
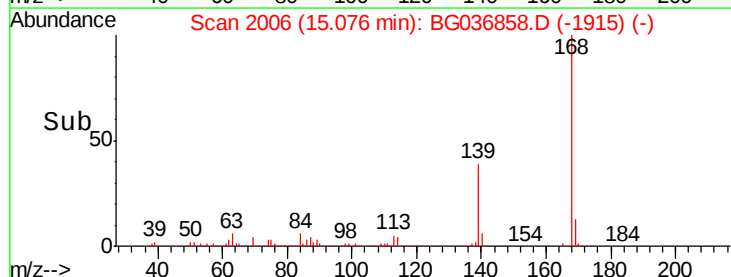
169 13.4 11.1 16.7

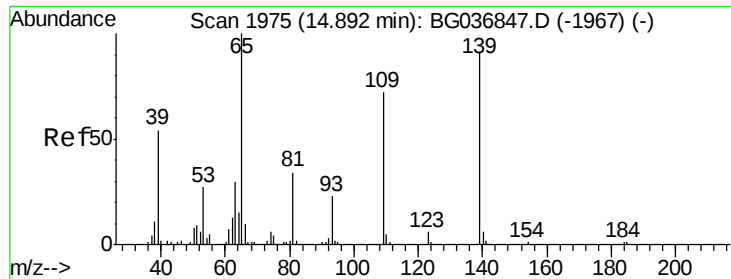


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

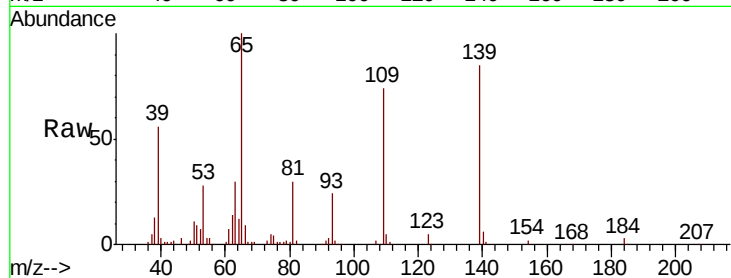




#55
4-Nitrophenol
Concen: 102.545 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	87.1	63.9	103.9
65	117.3	90.0	130.0

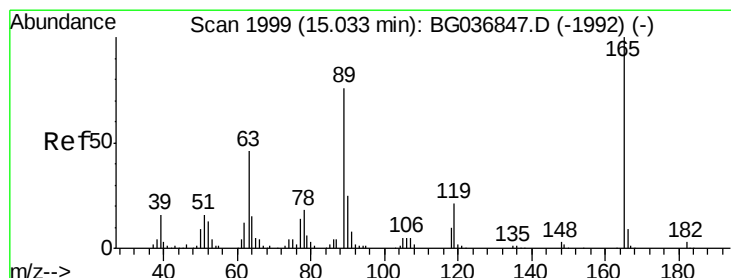
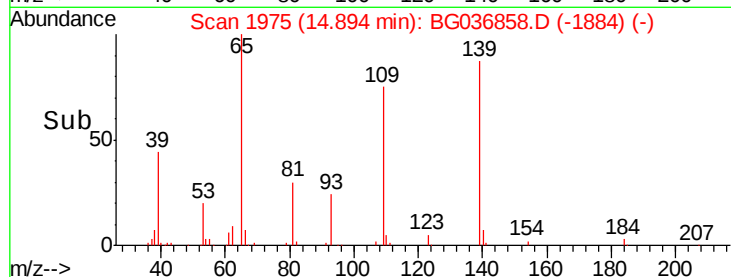
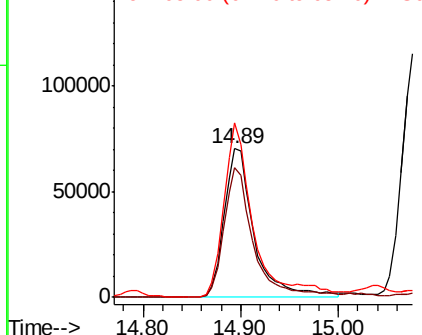


Abundance

Ion 139.00 (138.70 to 139.70): E

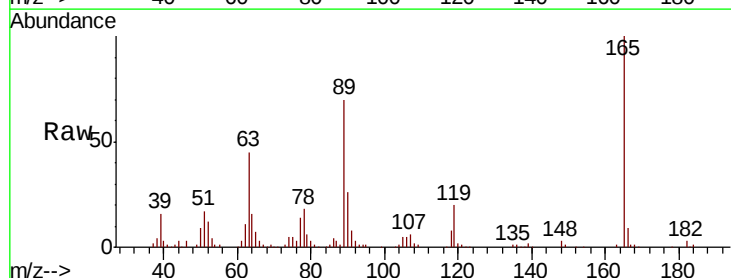
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 46.240 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.1	40.1	60.1
89	69.6	63.7	95.5
182	3.2	2.5	3.7



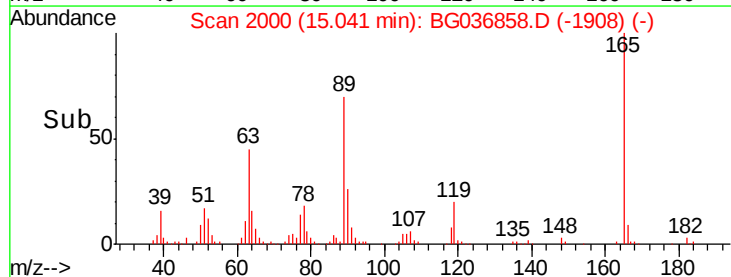
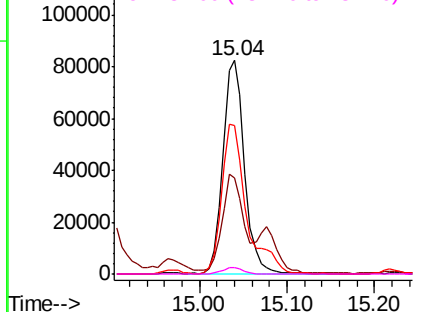
Abundance

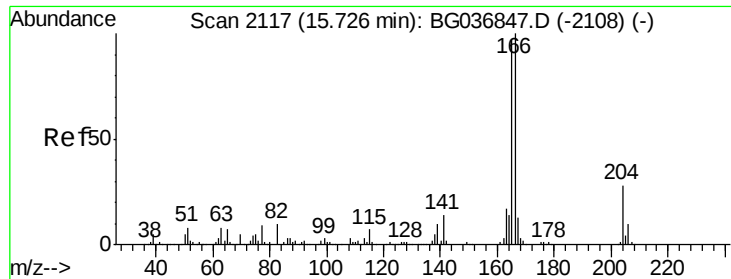
Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 46.122 ng

RT: 15.73 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

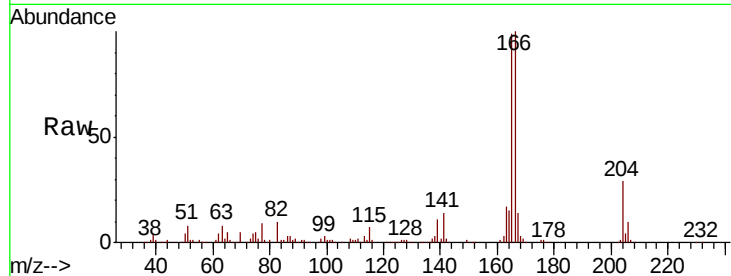
Tot Ion:166 Resp: 412345

Ion Ratio Lower Upper

166 100

165 98.8 77.0 115.4

167 13.8 10.6 16.0

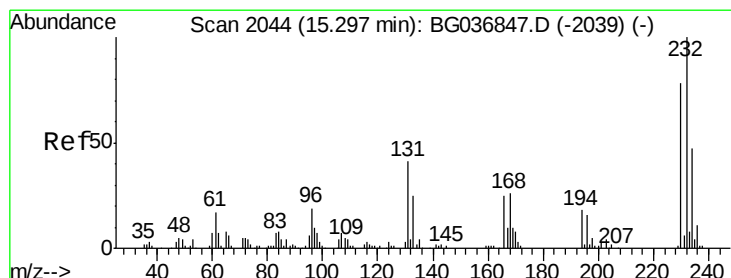
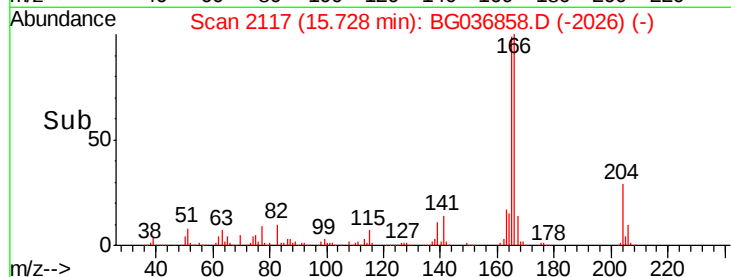
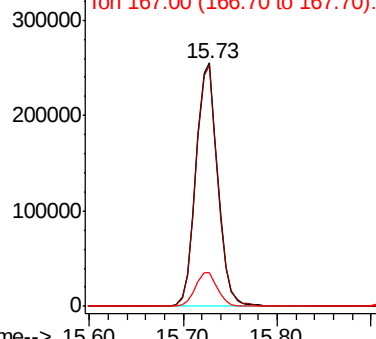


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.116 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:232 Resp: 127574

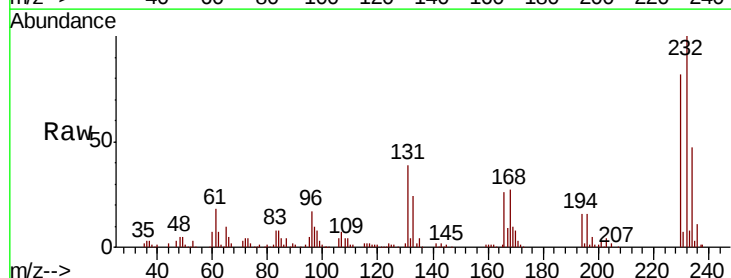
Ion Ratio Lower Upper

232 100

131 39.3 33.8 50.8

130 2.4 2.1 3.1

166 26.2 22.3 33.5



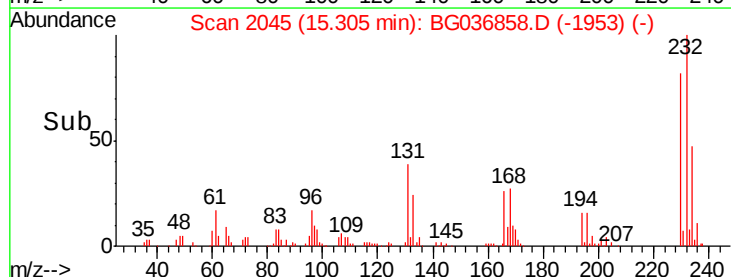
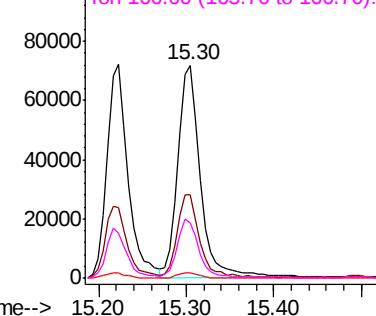
Abundance

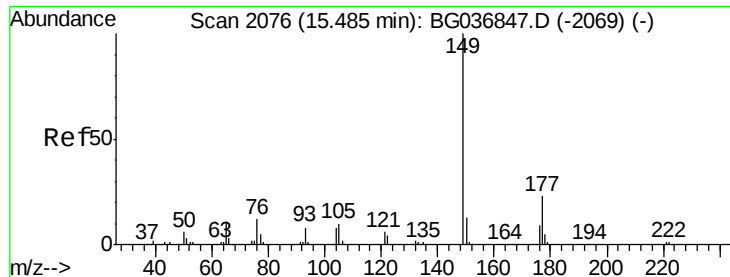
Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 44.341 ng

RT: 15.49 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

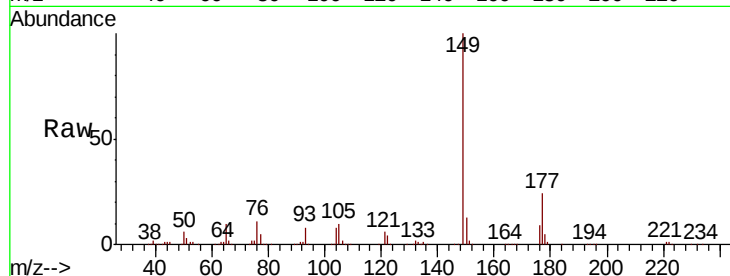
Tot Ion:149 Resp: 446294

Ion Ratio Lower Upper

149 100

177 24.2 19.1 28.7

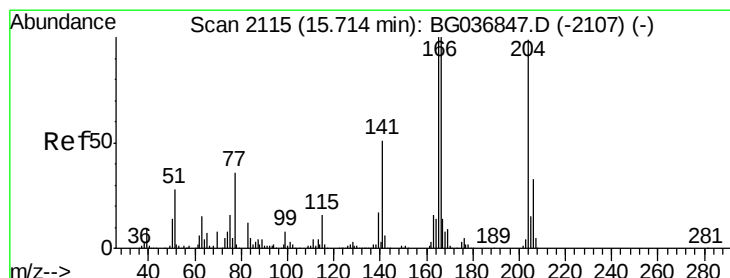
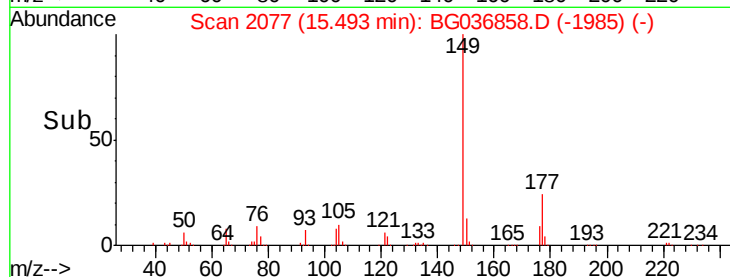
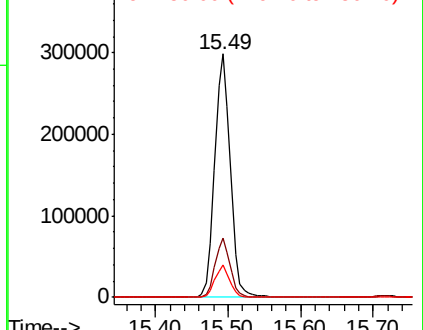
150 13.2 10.7 16.1



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



#60

4-Chlorophenyl-phenylether

Concen: 41.575 ng

RT: 15.72 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

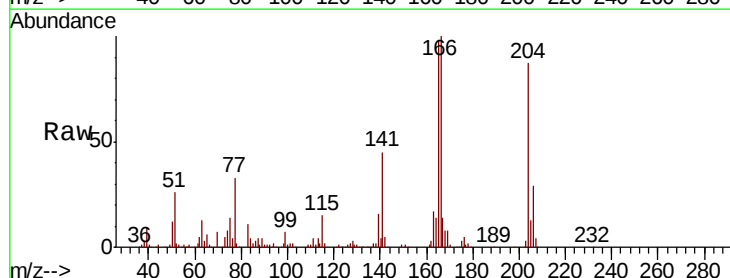
Tgt Ion:204 Resp: 235395

Ion Ratio Lower Upper

204 100

206 32.7 27.0 40.4

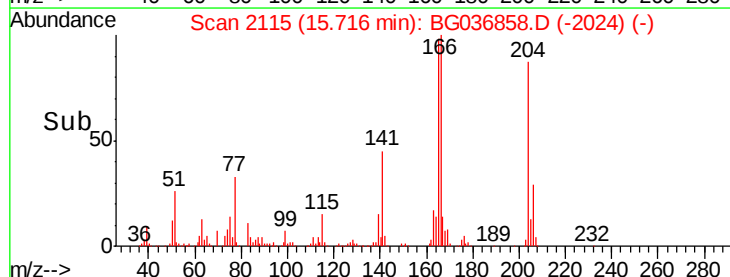
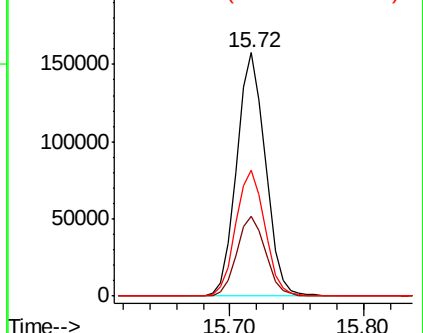
141 51.7 43.8 65.6

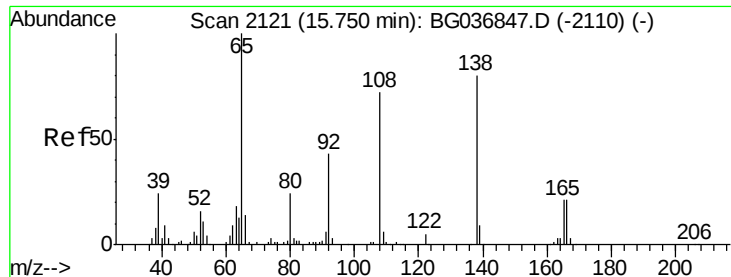


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

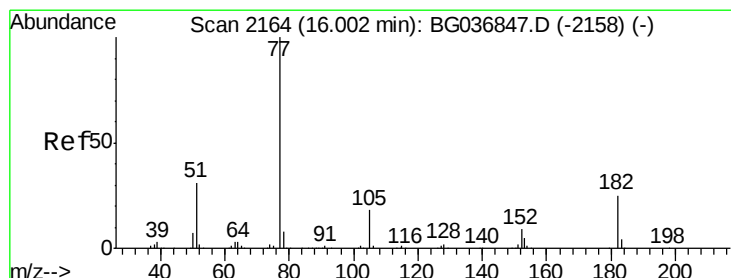
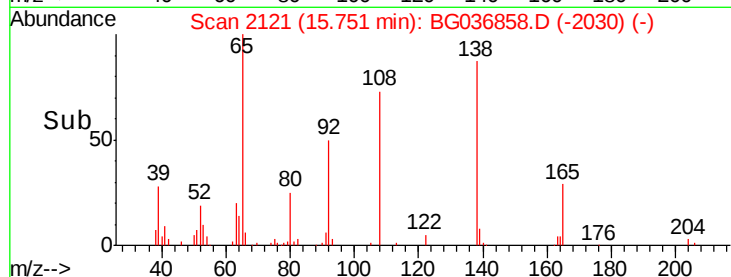
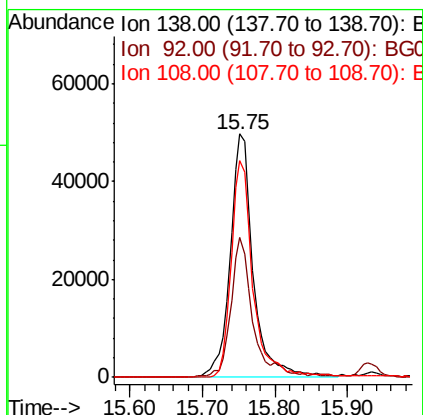
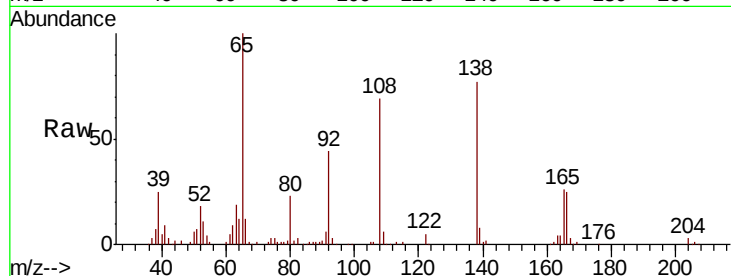




#61
4-Nitroaniline
Concen: 45.503 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

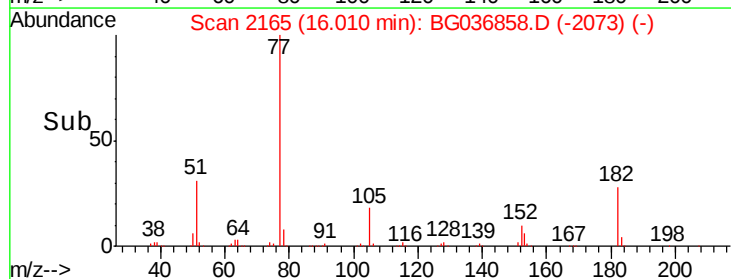
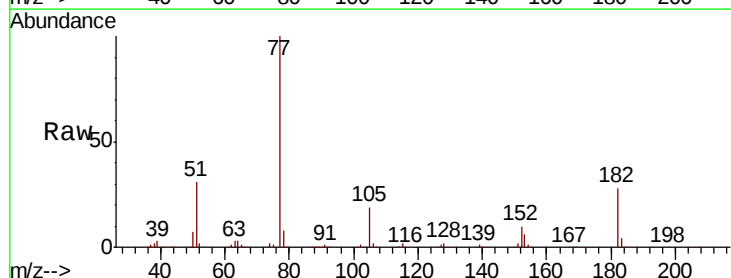
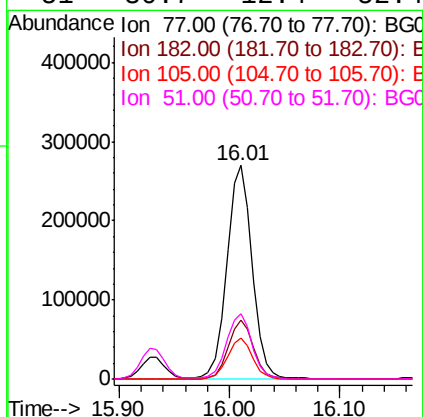
Instrument :
BNA_G
ClientSampleId :

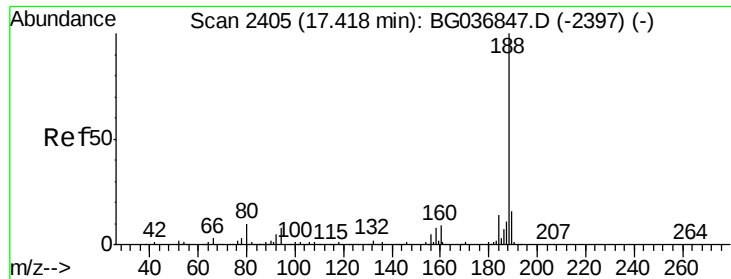
Tot Ion:138 Resp: 109815
Ion Ratio Lower Upper
138 100
92 57.6 38.5 78.5
108 88.8 70.3 110.3



#62
Azobenzene
Concen: 44.478 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion: 77 Resp: 430155
Ion Ratio Lower Upper
77 100
182 27.8 6.7 46.7
105 19.0 0.0 39.8
51 30.7 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampled :

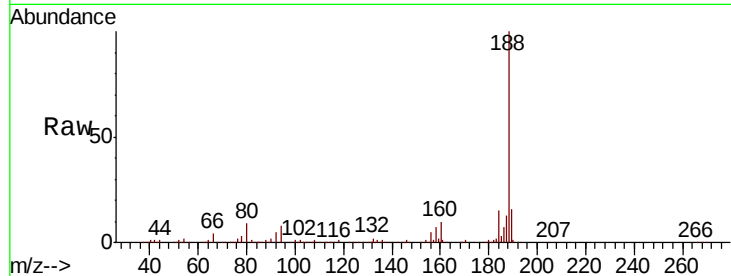
Tot Ion:188 Resp: 356092

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

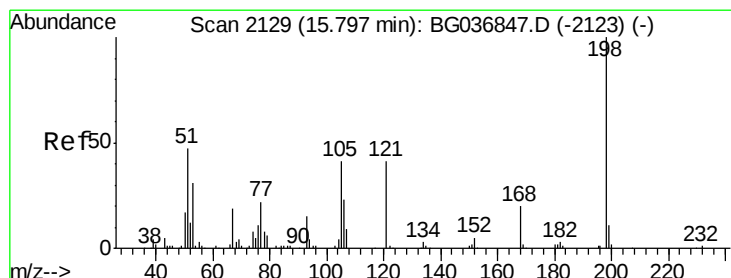
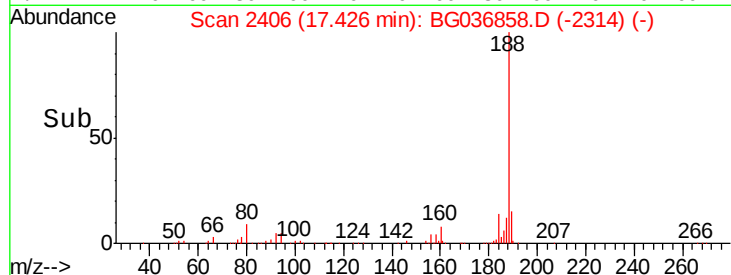
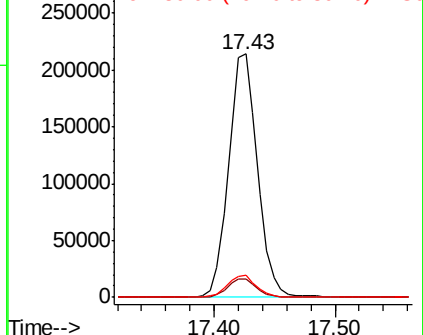
80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 43.955 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

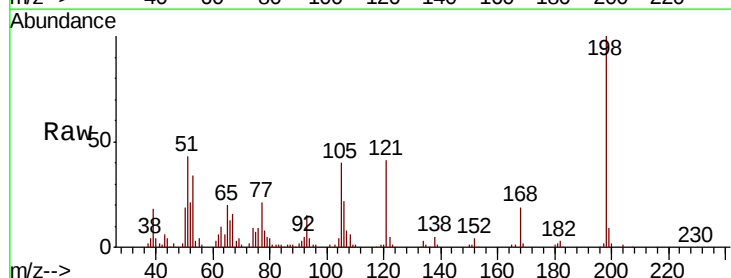
Tgt Ion:198 Resp: 81831

Ion Ratio Lower Upper

198 100

51 43.1 26.5 66.5

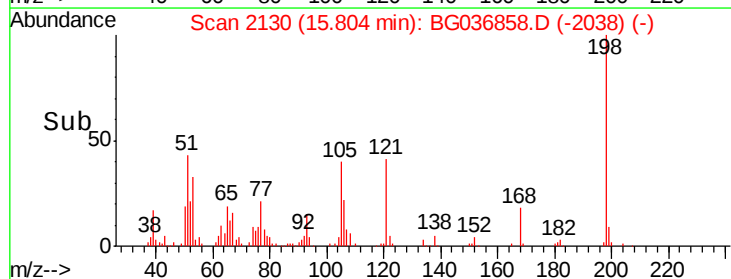
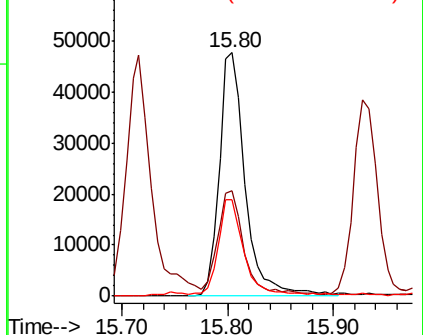
105 39.5 20.2 60.2

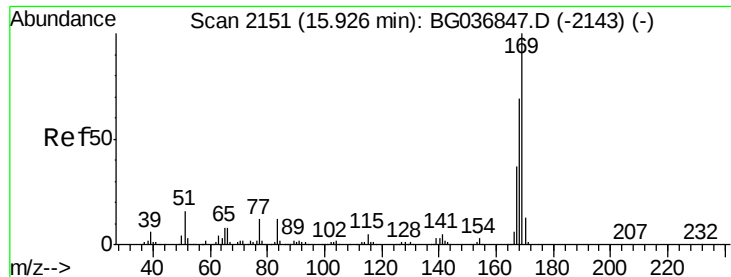


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.539 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

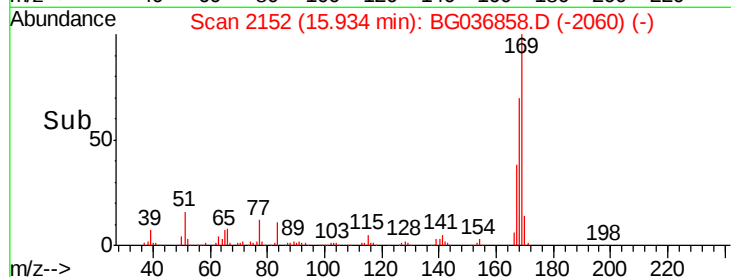
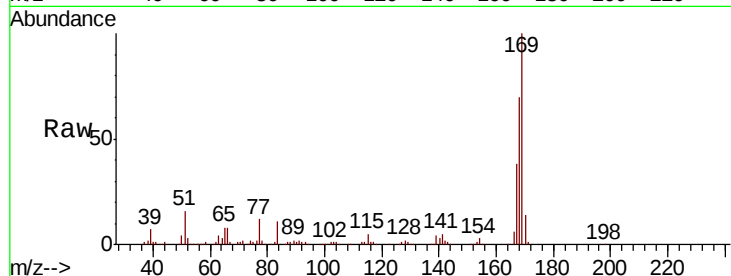
Tot Ion:169 Resp: 378861

Ion Ratio Lower Upper

169 100

168 70.0 57.6 86.4

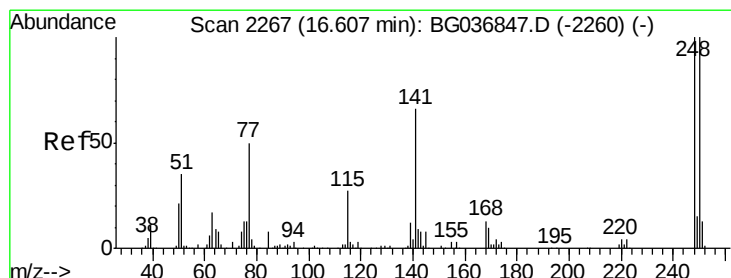
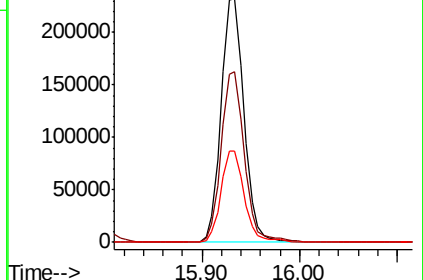
167 37.5 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 38.651 ng

RT: 16.61 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

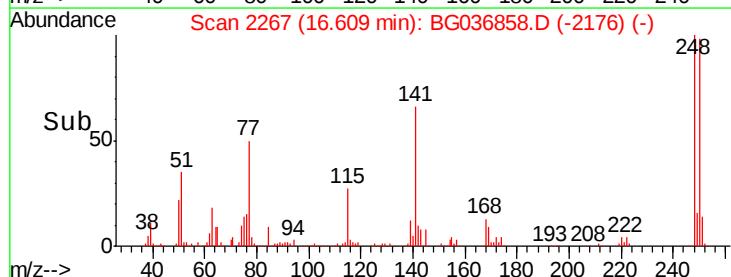
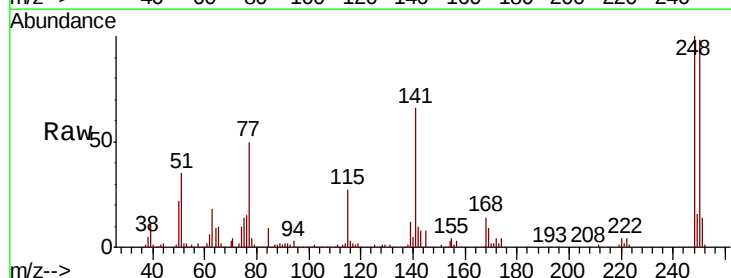
Tgt Ion:248 Resp: 156552

Ion Ratio Lower Upper

248 100

250 98.0 78.1 117.1

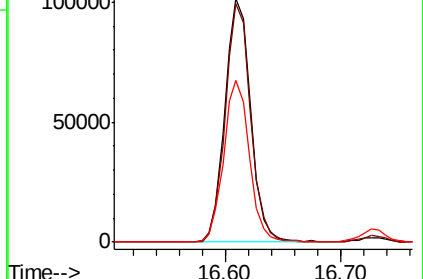
141 66.2 53.7 80.5

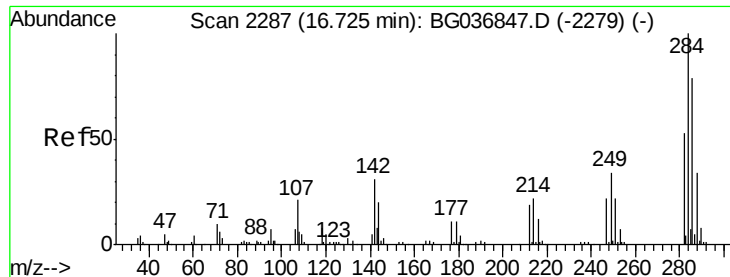


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.668 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampled :

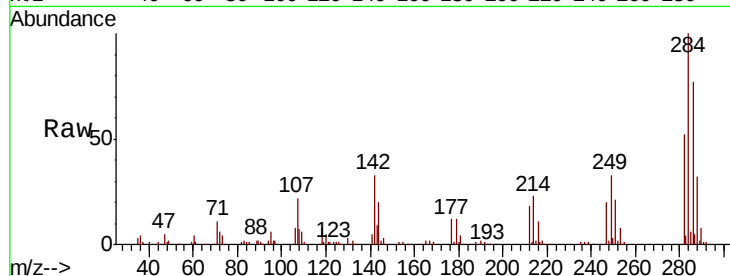
Tot Ion:284 Resp: 161306

Ion Ratio Lower Upper

284 100

142 33.4 27.8 41.6

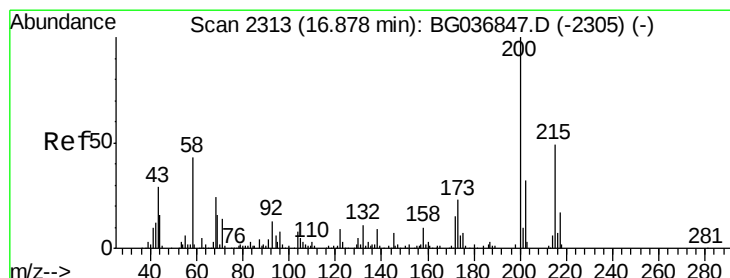
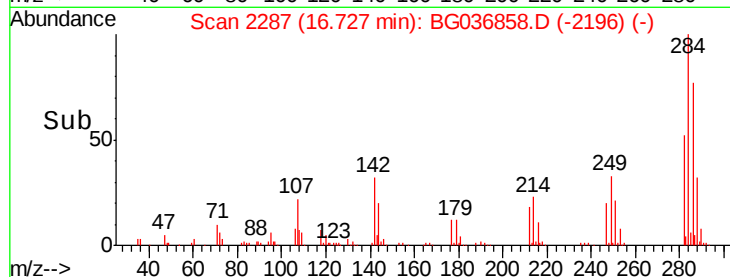
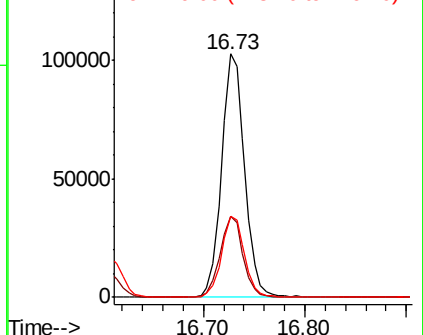
249 33.4 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.493 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

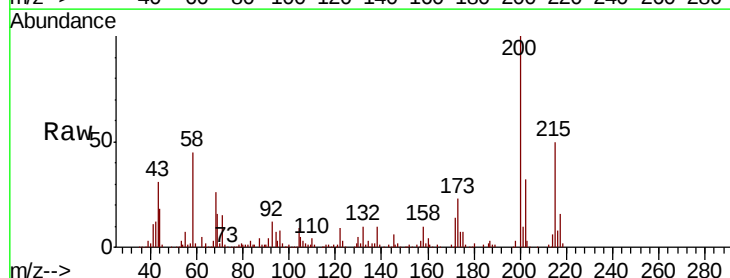
Tgt Ion:200 Resp: 177107

Ion Ratio Lower Upper

200 100

173 23.1 3.9 43.9

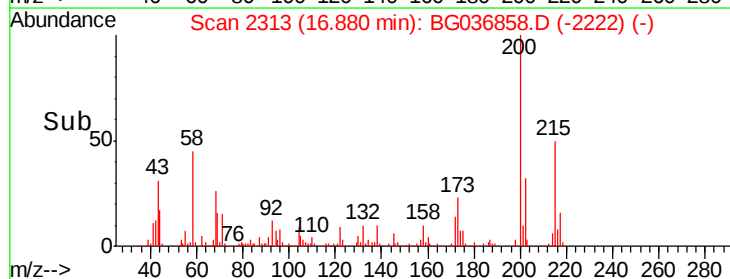
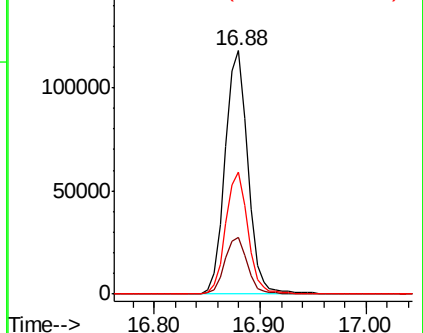
215 50.2 30.4 70.4

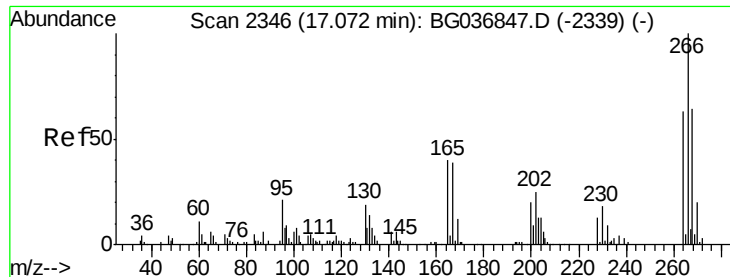


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

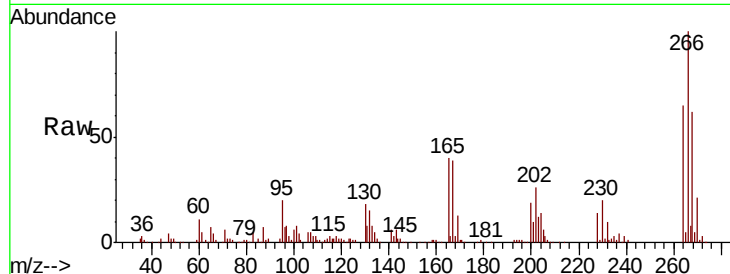




#69
 Pentachlorophenol
 Concen: 72.076 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.4	77.2
264	64.5	48.9	73.3

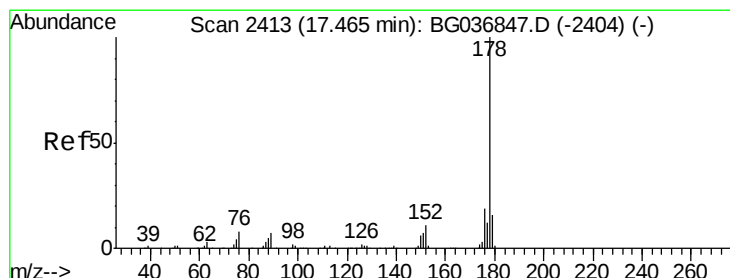
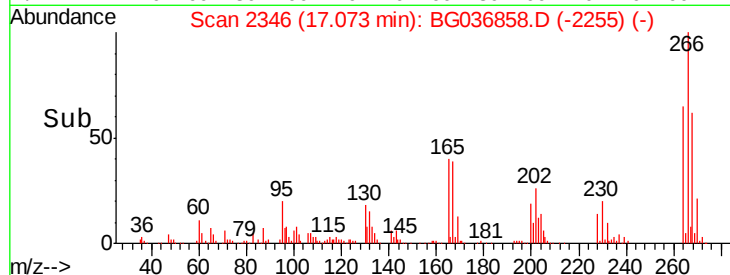
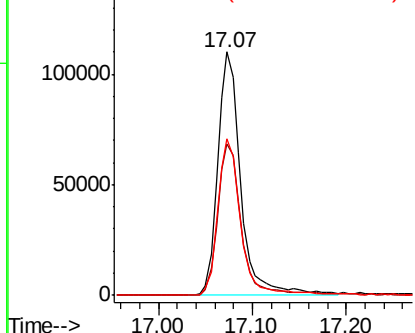


Abundance

Ion 265.70 (265.40 to 266.40): E

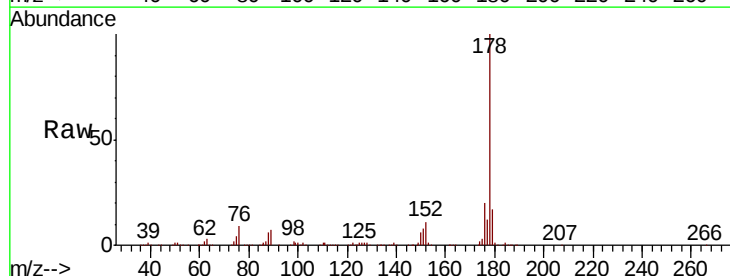
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.954 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.5	13.4	20.2

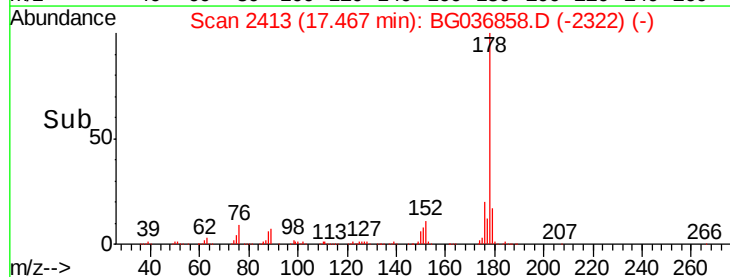
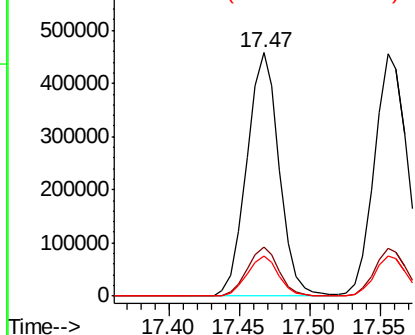


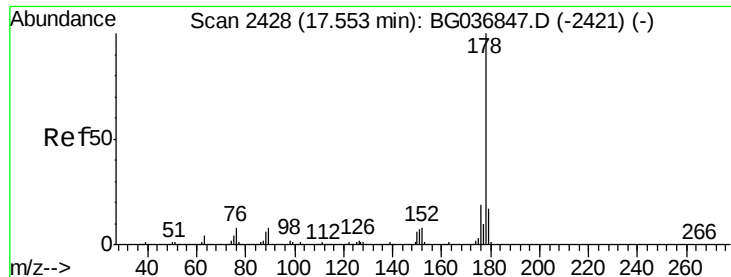
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

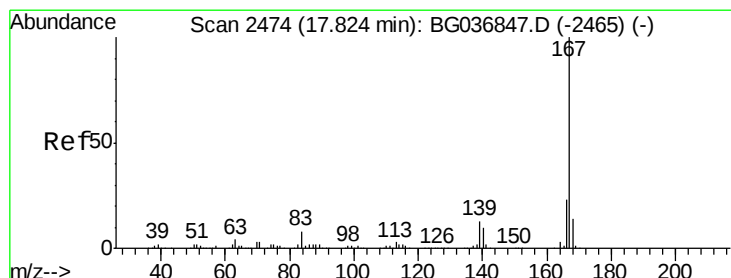
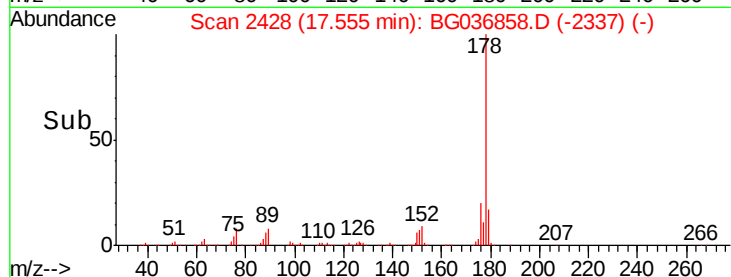
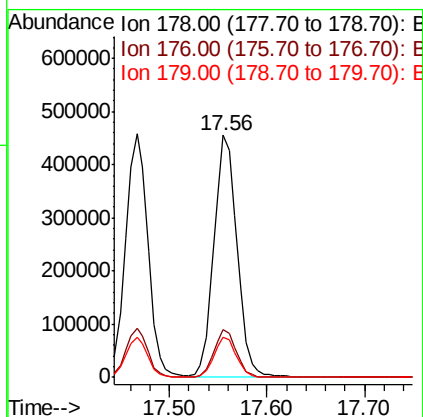
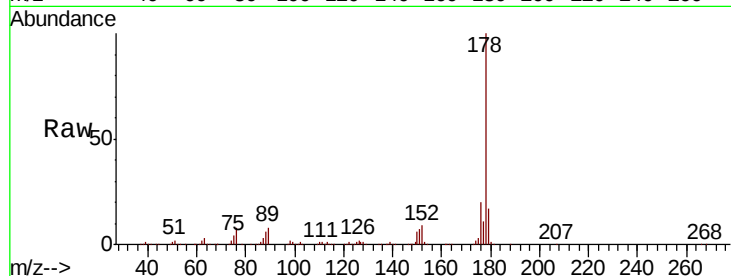




#71
 Anthracene
 Concen: 44.087 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

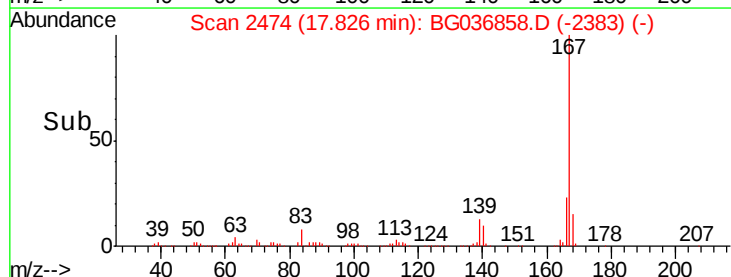
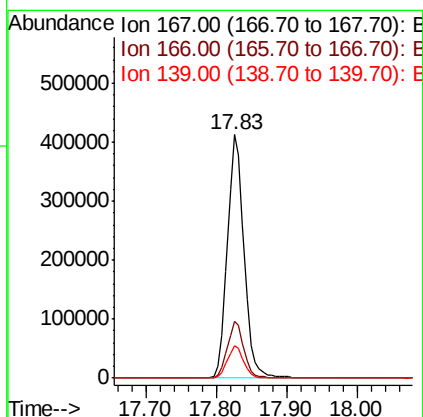
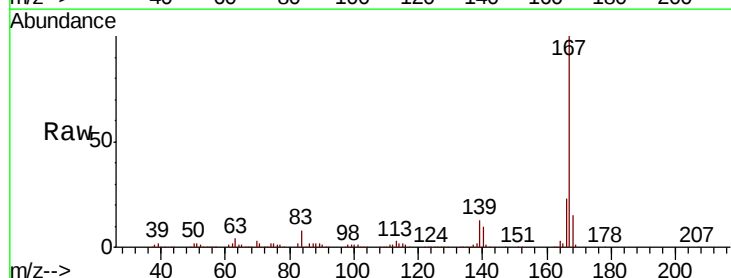
Instrument :
 BNA_G
 ClientSampleId :

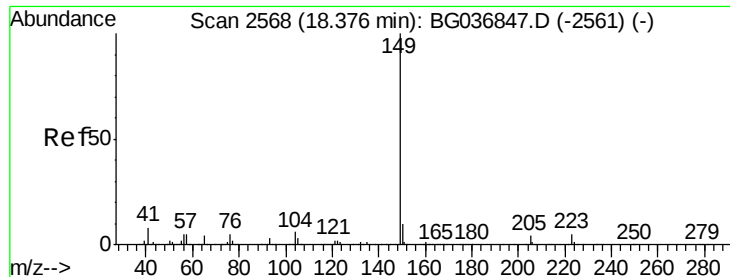
Tot Ion:178 Resp: 748056
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 40.990 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:167 Resp: 678127
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.5 29.3
 139 13.3 10.7 16.1

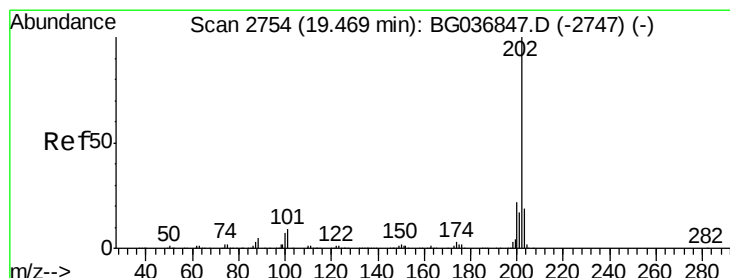
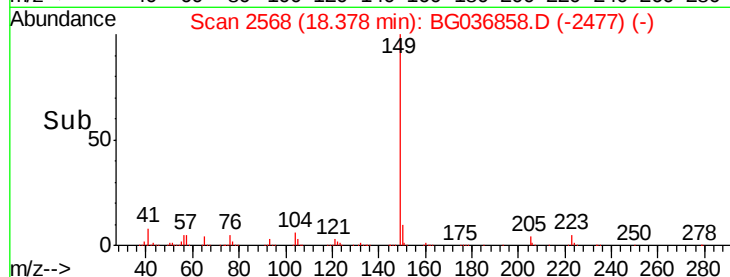
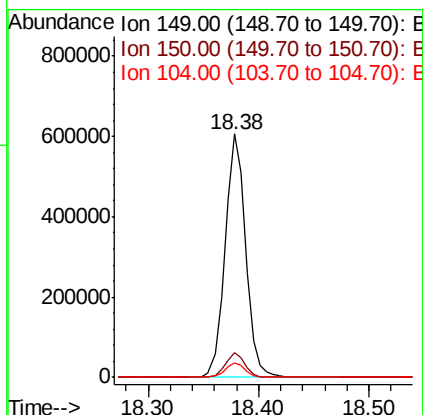
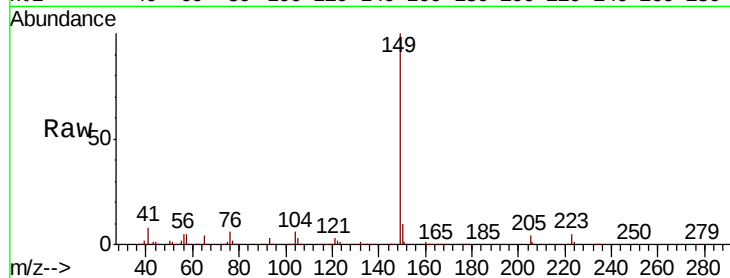




#73
Di-n-butylphthalate
Concen: 43.153 ng
RT: 18.38 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

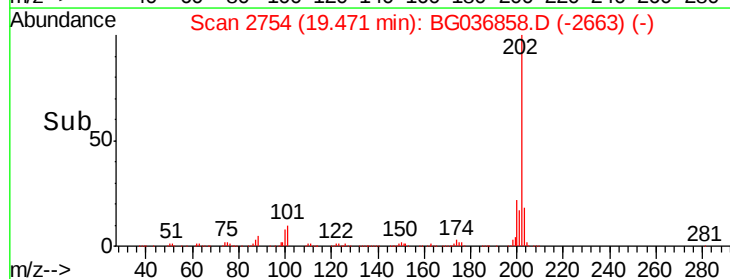
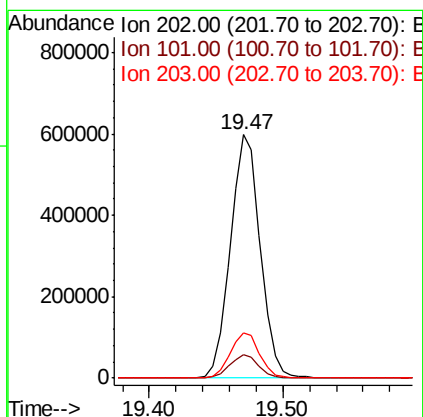
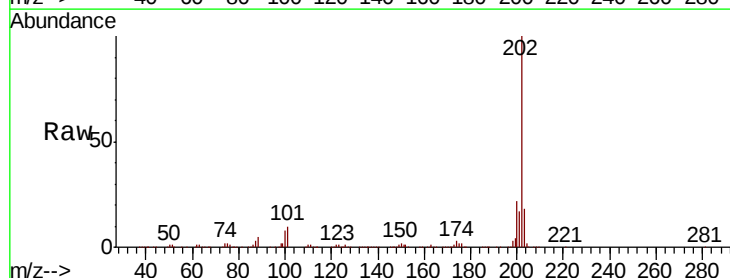
Instrument :
BNA_G
ClientSampleId :

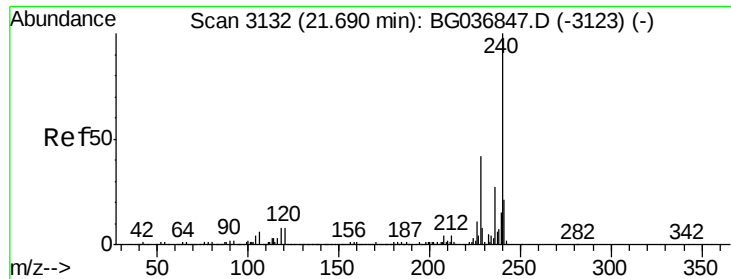
Tot Ion:149 Resp: 792831
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 6.1 4.6 6.8



#74
Fluoranthene
Concen: 45.005 ng
RT: 19.47 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion:202 Resp: 929609
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 18.5 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

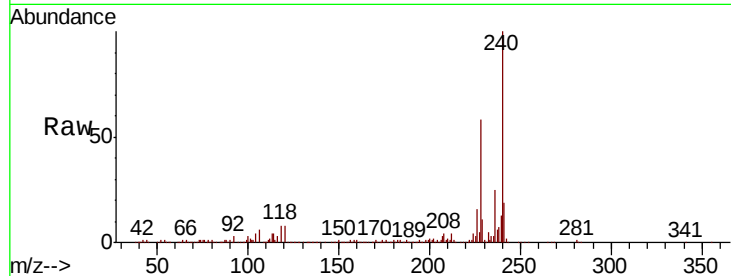
Tot Ion:240 Resp: 360742

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

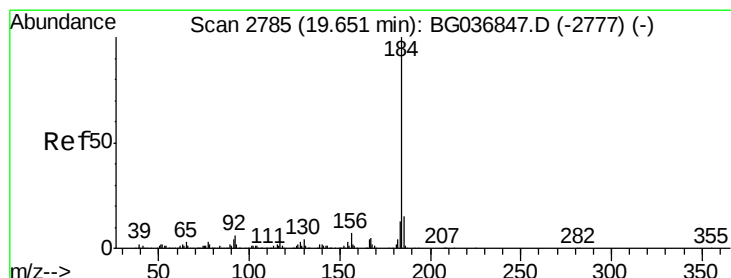
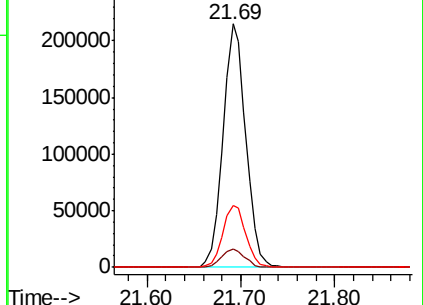
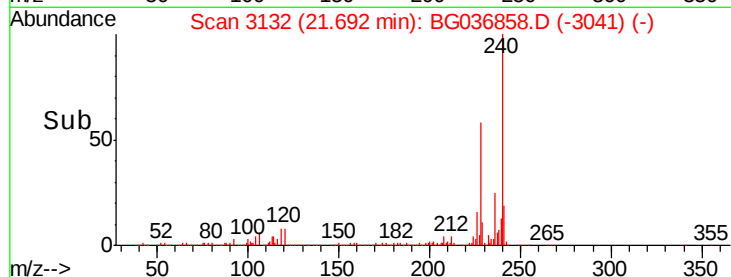
236 25.5 21.2 31.8



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



#76

Benzidine

Concen: 44.324 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

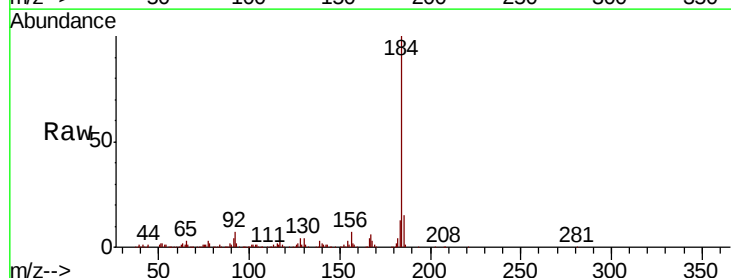
Tgt Ion:184 Resp: 483357

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

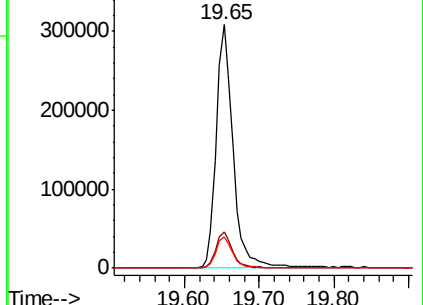
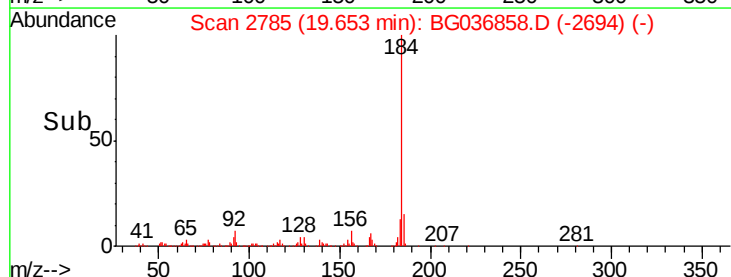
183 13.0 10.9 16.3

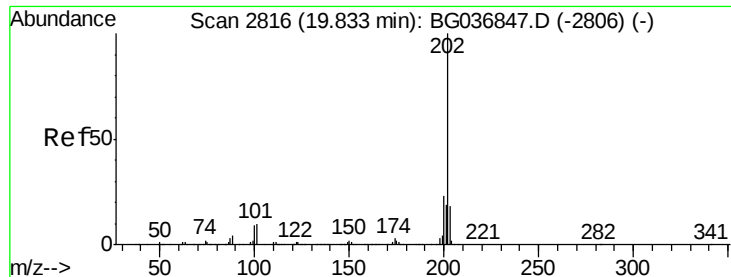


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.212 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

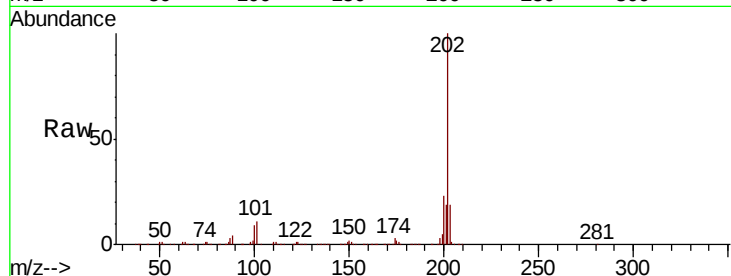
Tot Ion:202 Resp: 913787

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.7	15.1	22.7

202 100

200 23.0 18.3 27.5

203 18.7 15.1 22.7

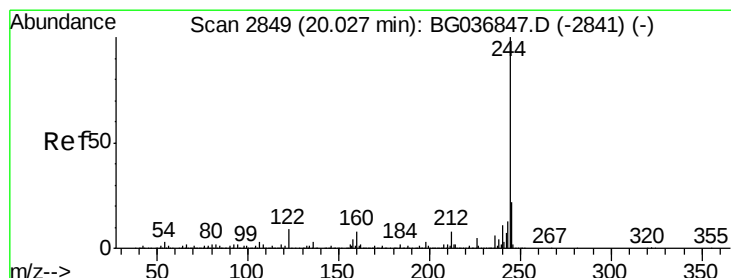
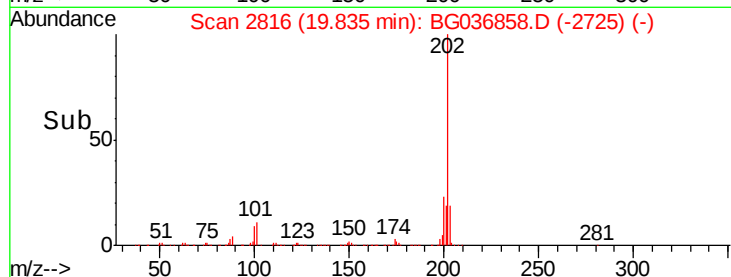
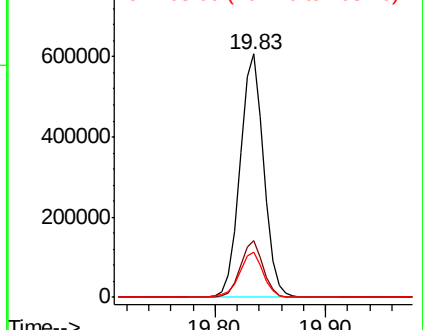


Abundance

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



#78

Terphenyl-d14

Concen: 97.042 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

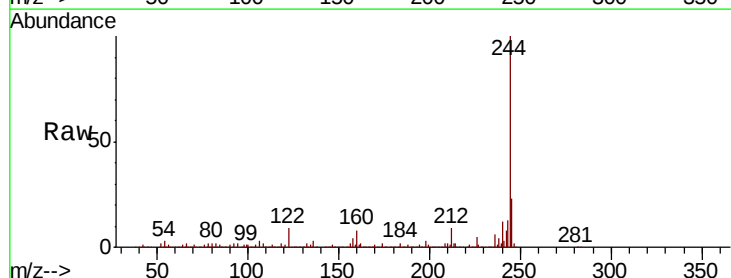
Tgt Ion:244 Resp: 1331321

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.0	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.0 7.1 10.7

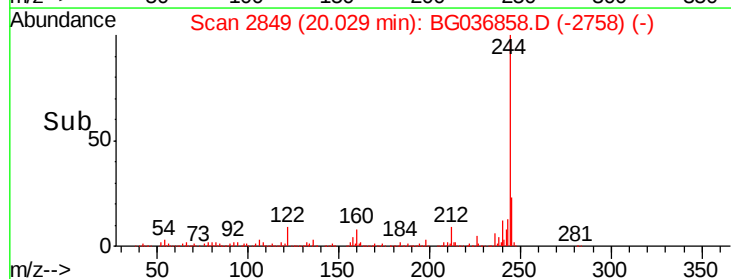
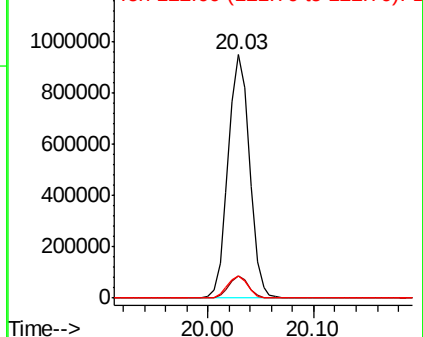


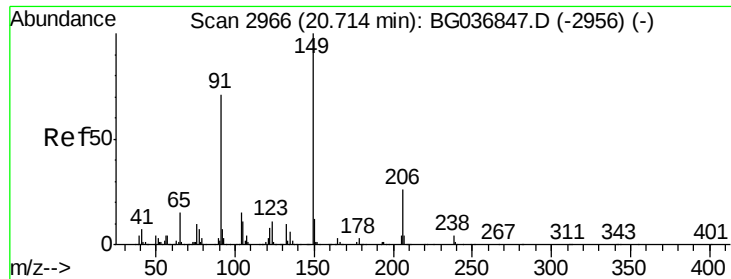
Abundance

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

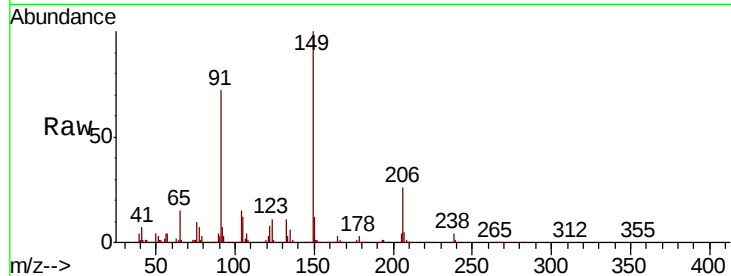




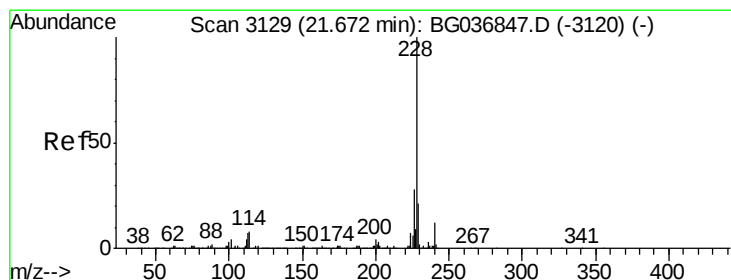
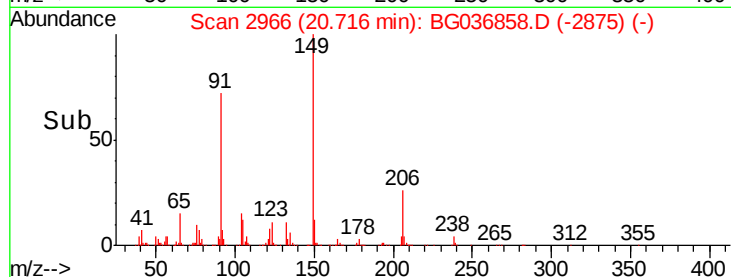
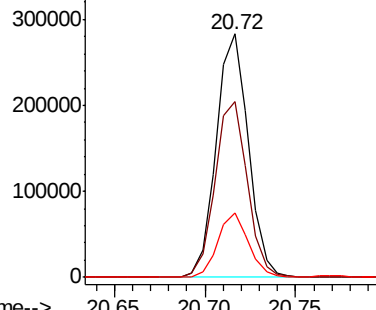
#79
Butylbenzylphthalate
Concen: 40.436 ng
RT: 20.72 min Scan# 2966
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	62.0	93.0
206	26.4	19.6	29.4

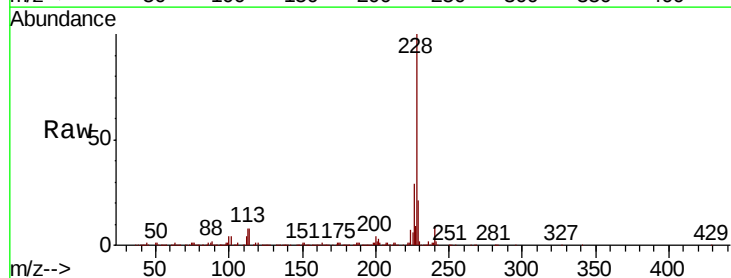


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

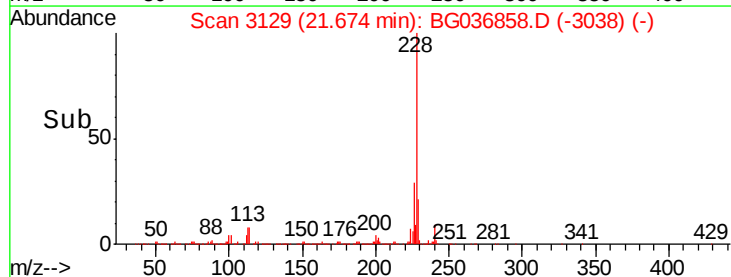
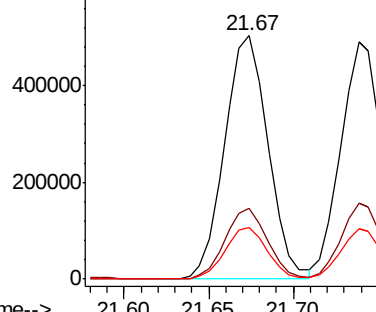


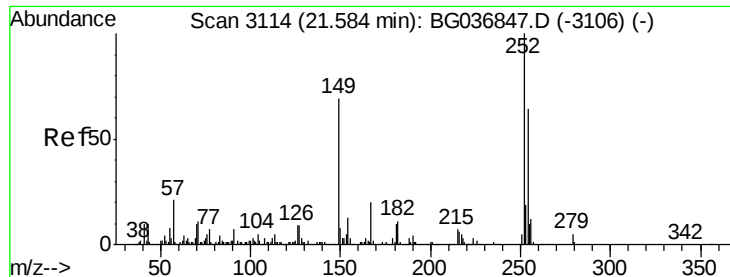
#80
Benzo(a)anthracene
Concen: 42.516 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.0	17.1	25.7



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

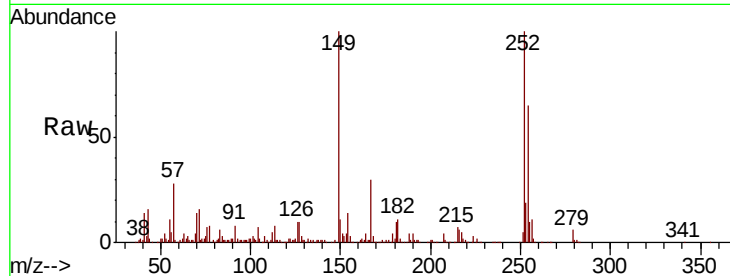




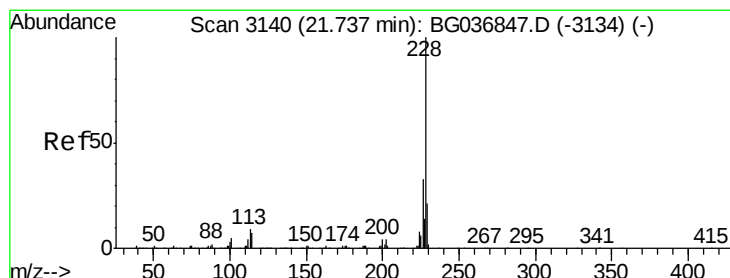
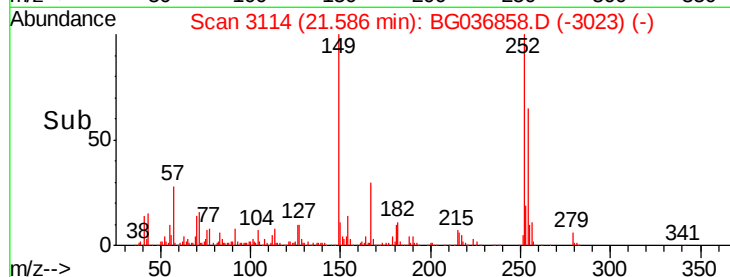
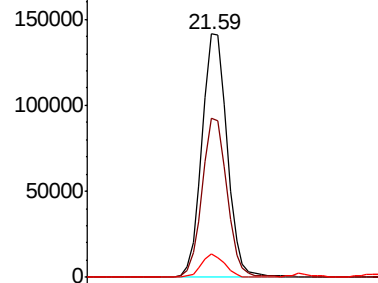
#81
 3,3'-Dichlorobenzidine
 Concen: 28.998 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 232436
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.0 76.4
 126 9.6 7.4 11.0

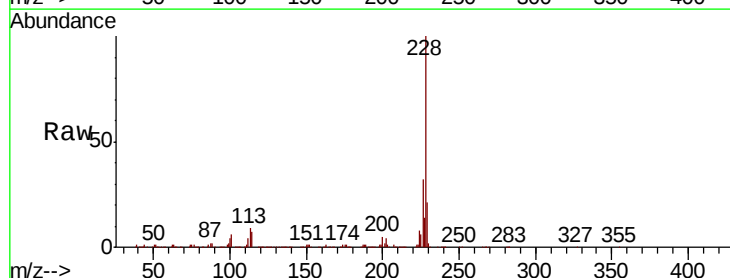


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

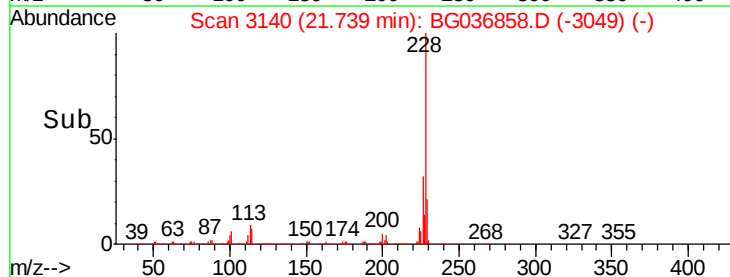
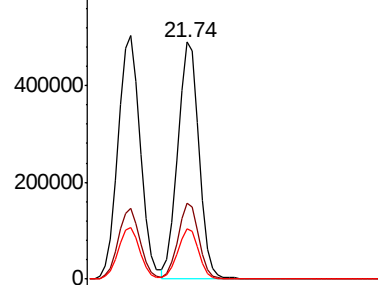


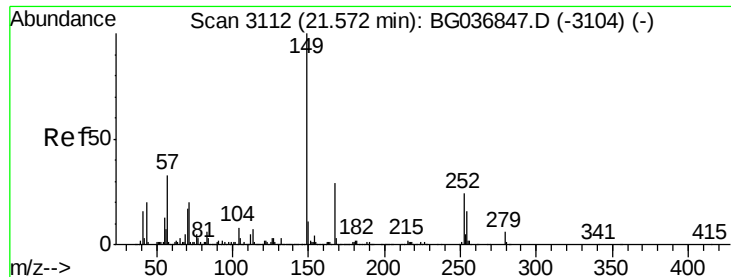
#82
 Chrysene
 Concen: 40.626 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:228 Resp: 826602
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 21.1 16.9 25.3



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

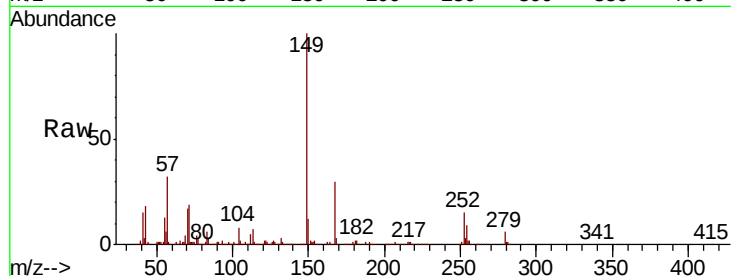




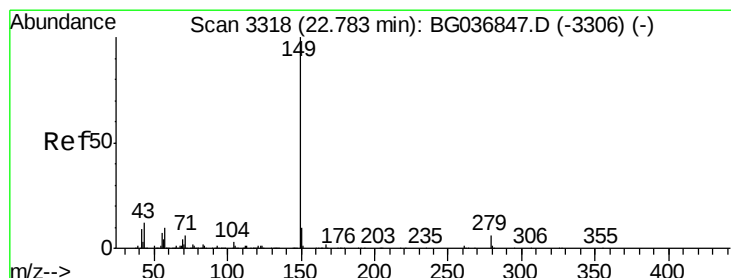
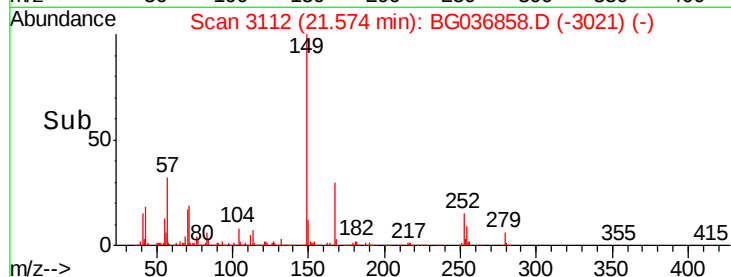
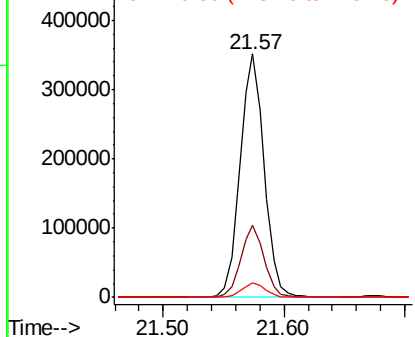
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.462 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 487727
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.4 35.0
 279 5.8 4.6 7.0

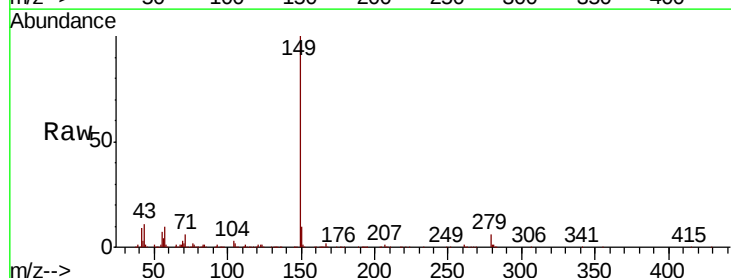


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

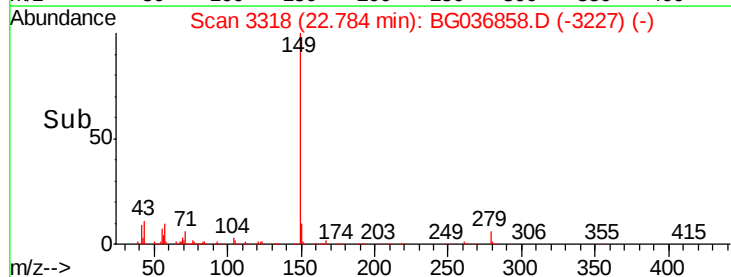
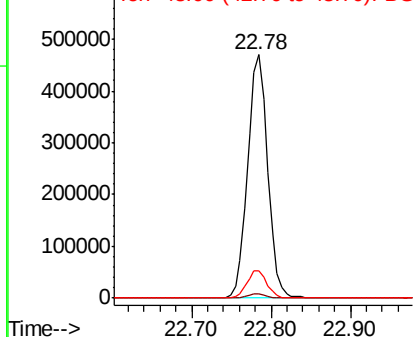


#84
 Di-n-octyl phthalate
 Concen: 41.699 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:149 Resp: 827569
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.2 10.0 15.0



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): BG

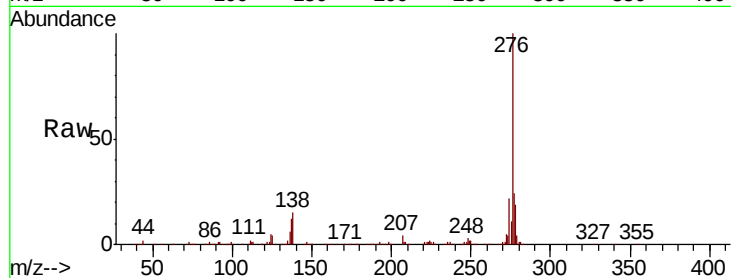




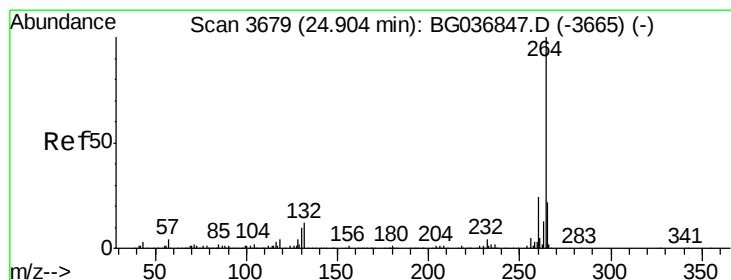
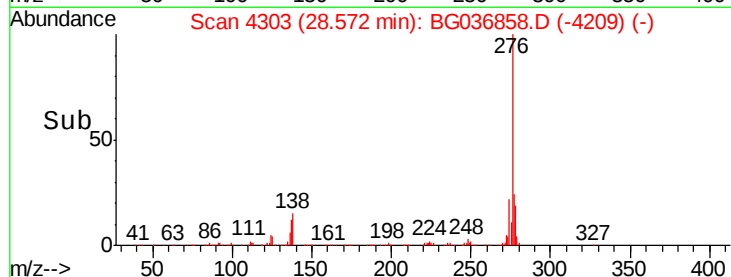
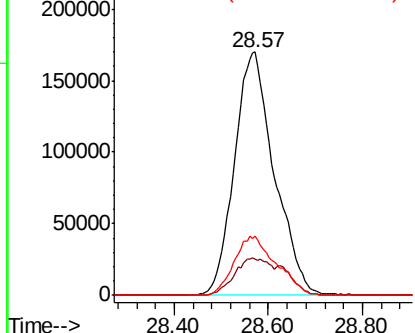
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.822 ng
 RT: 28.57 min Scan# 4303
 Delta R.T. 0.02 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1001164
 Ion Ratio Lower Upper
 276 100
 138 13.8 10.6 15.8
 277 25.6 20.6 30.8

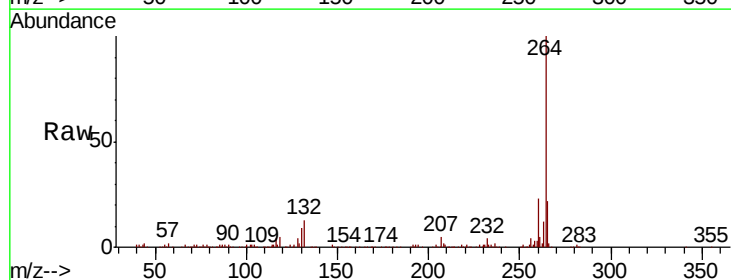


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

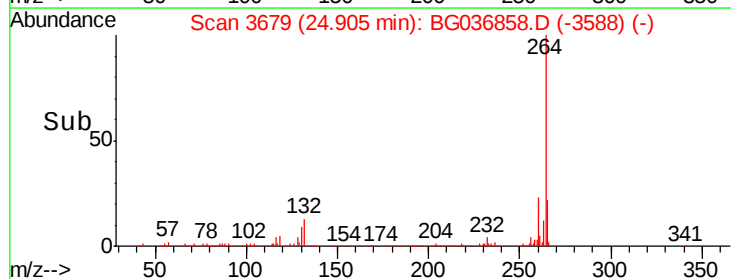
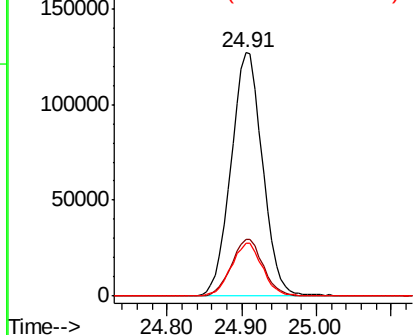


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:264 Resp: 372998
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.8 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 44.002 ng

RT: 23.88 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

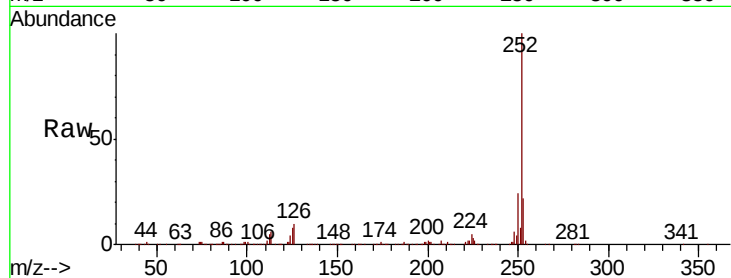
Tot Ion:252 Resp: 874665

Ion Ratio Lower Upper

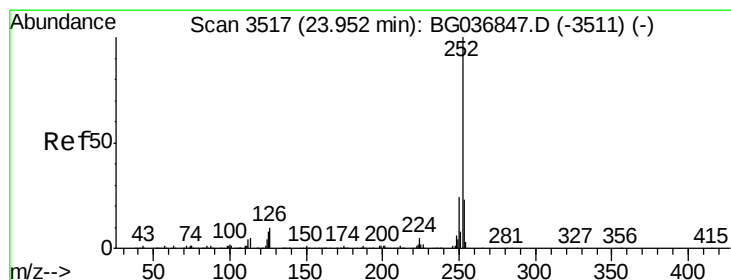
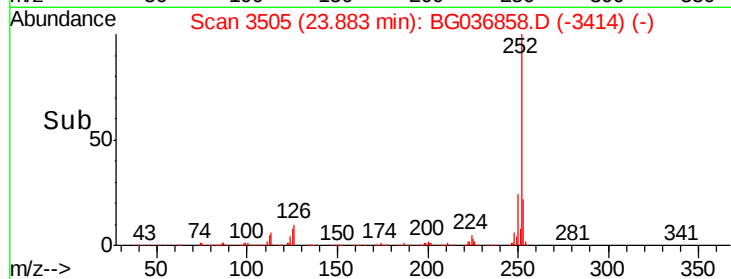
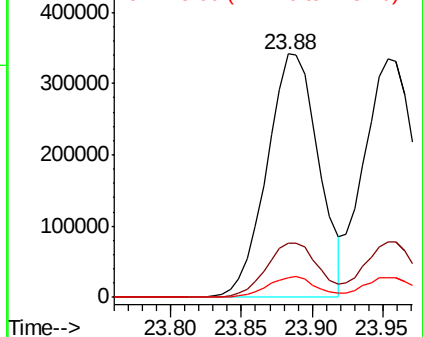
252 100

253 22.3 17.1 25.7

125 8.1 6.6 10.0



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



#88

Benzo(k)fluoranthene

Concen: 42.962 ng

RT: 23.95 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

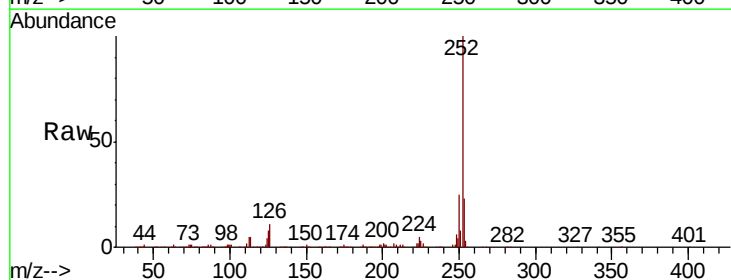
Tgt Ion:252 Resp: 856785

Ion Ratio Lower Upper

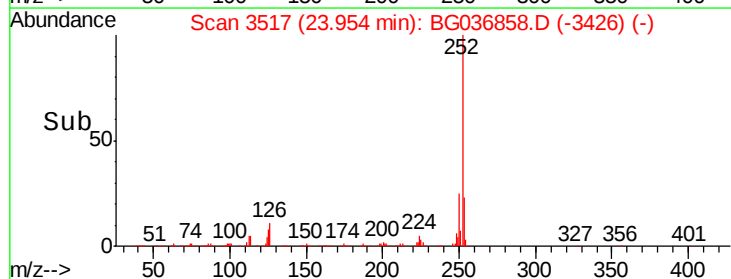
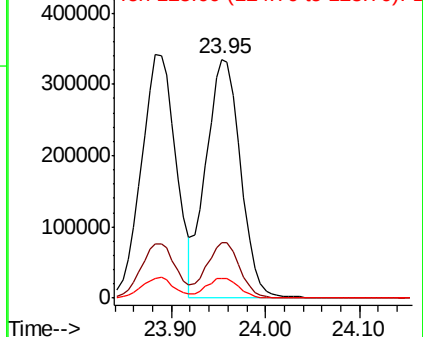
252 100

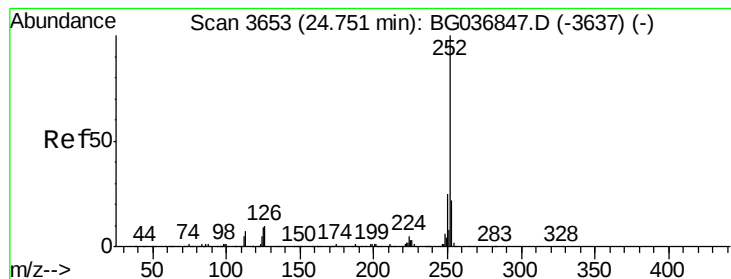
253 23.4 18.0 27.0

125 8.2 7.0 10.6



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(a)pyrene

Concen: 44.649 ng

RT: 24.76 min Scan# 3654

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

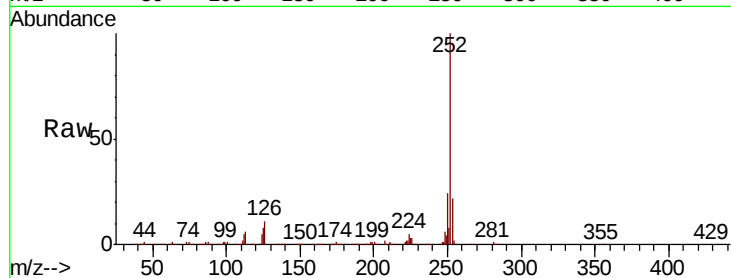
Tot Ion:252 Resp: 858053

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

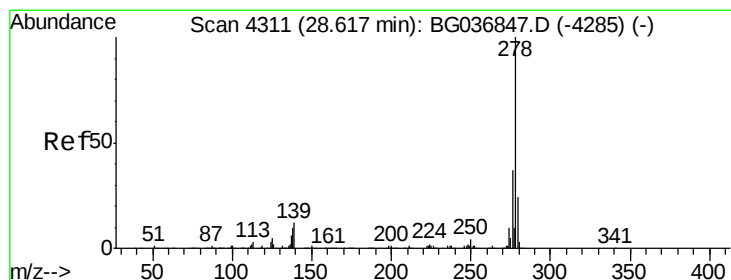
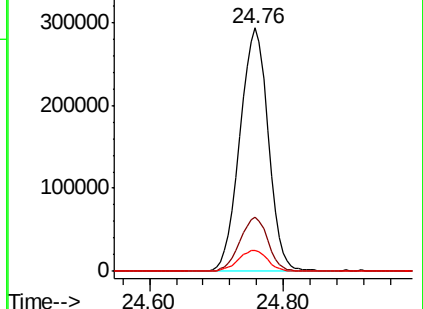
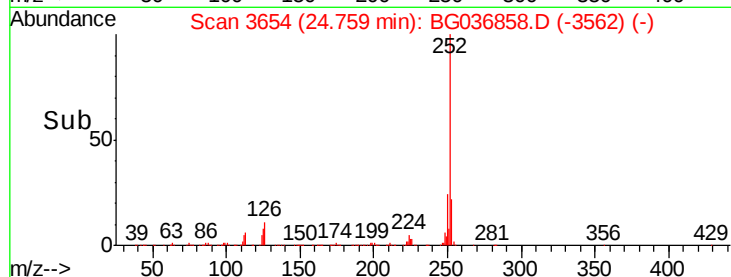
125 8.5 7.3 10.9



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

Dibenzo(a,h)anthracene

Concen: 45.212 ng

RT: 28.64 min Scan# 4314

Delta R.T. 0.02 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

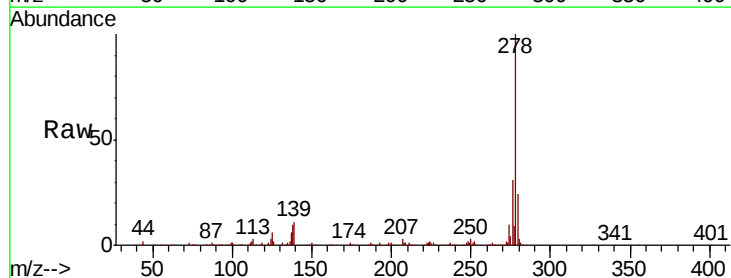
Tgt Ion:278 Resp: 814314

Ion Ratio Lower Upper

278 100

139 11.2 11.0 16.4

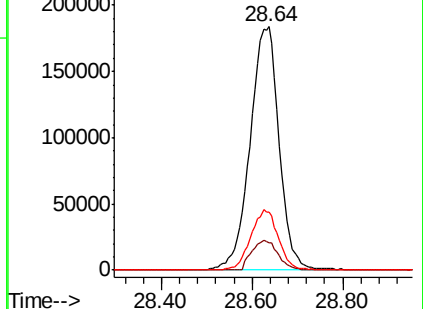
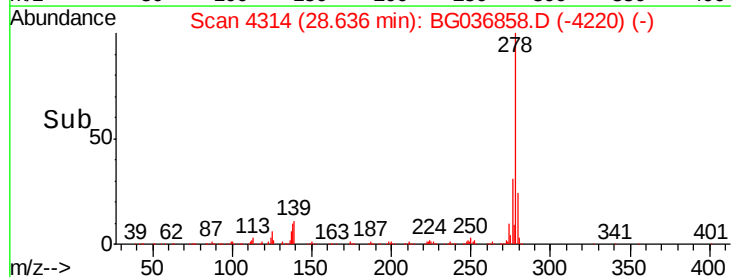
279 24.0 18.7 28.1

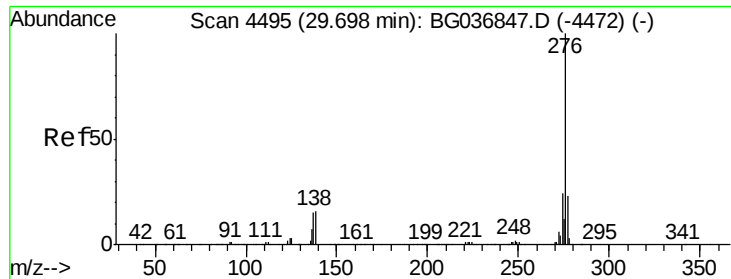


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.669 ng
 RT: 29.72 min Scan# 4498
 Delta R.T. 0.02 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	15.9	14.6	22.0

