

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
 Data File : BG036877.D
 Acq On : 22 Sep 2018 3:11
 Operator : JU/SJ
 Sample : J4987-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Quant Time: Sep 22 04:31:40 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	42158	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	177643	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128253	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	336490	20.00	ng	0.00
75) Chrysene-d12	21.69	240	337513	20.00	ng	0.00
86) Perylene-d12	24.89	264	350934	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	299833	136.40	ng	0.00
7) Phenol-d6	7.21	99	403904	118.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	290870	87.68	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	221408	144.29	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	691556	80.31	ng	0.00
78) Terphenyl-d14	20.02	244	1287115	100.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	41742	41.498	ng	# 87
3) Pyridine	3.94	79	90664	31.216	ng	98
4) n-Nitrosodimethylamine	3.84	42	61868	47.927	ng	# 93
6) Aniline	7.37	93	86910	19.693	ng	94
8) 2-Chlorophenol	7.61	128	125451	49.149	ng	97
9) Benzaldehyde	7.19	77	39146	17.418	ng	99
10) Phenol	7.24	94	156951	44.714	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	128062	39.441	ng	98
12) 1,3-Dichlorobenzene	7.94	146	128200	40.968	ng	99
13) 1,4-Dichlorobenzene	8.08	146	133741	41.763	ng	96
14) 1,2-Dichlorobenzene	8.40	146	127419	41.059	ng	97
15) Benzyl Alcohol	8.28	79	125702	45.549	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	250987	40.264	ng	97
17) 2-Methylphenol	8.49	107	116104	47.486	ng	98
18) Hexachloroethane	9.13	117	49011	41.589	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	120471	42.579	ng	91
20) 3+4-Methylphenols	8.81	107	162022	47.633	ng	97
22) Acetophenone	8.87	105	212179	50.827	ng	# 98
24) Nitrobenzene	9.25	77	168036	47.434	ng	97
25) Isophorone	9.77	82	339241	55.968	ng	98
26) 2-Nitrophenol	9.96	139	74403	52.692	ng	99
27) 2,4-Dimethylphenol	10.02	122	137644	62.579	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	191962	51.324	ng	97
29) 2,4-Dichlorophenol	10.50	162	147126	57.702	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	143797	45.065	ng	97
31) Naphthalene	10.90	128	426893	50.506	ng	99
32) Benzoic acid	10.16	122	47405	30.539	ng	93
33) 4-Chloroaniline	11.03	127	10596	2.757	ng	96
34) Hexachlorobutadiene	11.19	225	96556	43.757	ng	99
35) Caprolactam	11.84	113	26520	25.271	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	170874	56.165	ng	99
37) 2-Methylnaphthalene	12.50	142	342125	53.146	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	193571	43.273	ng	99
40) Hexachlorocyclopentadiene	12.85	237	240666	104.610	ng	99

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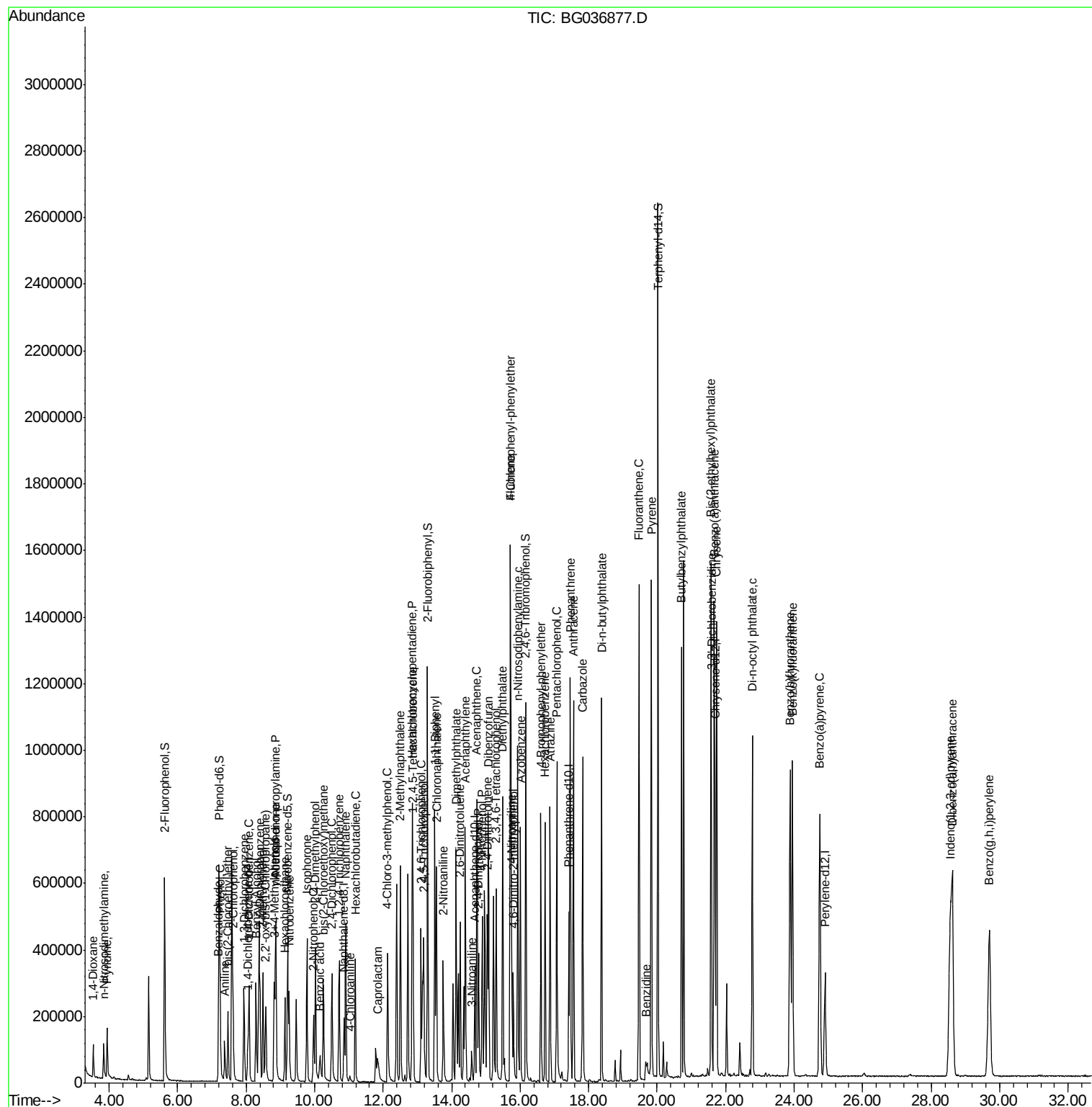
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	131135	52.792	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	147211	55.578	ng	98
45) 1,1'-Biphenyl	13.51	154	452049	46.022	ng	99
46) 2-Chloronaphthalene	13.55	162	346104	44.806	ng	99
47) 2-Nitroaniline	13.75	65	132561	49.616	ng	98
48) Acenaphthylene	14.40	152	604681	49.956	ng	98
49) Dimethylphthalate	14.12	163	507406	49.151	ng	99
50) 2,6-Dinitrotoluene	14.25	165	111763	49.619	ng	94
51) Acenaphthene	14.74	154	350150	47.864	ng	99
52) 3-Nitroaniline	14.58	138	29843	12.574	ng	93
53) 2,4-Dinitrophenol	14.79	184	105101	97.695	ng	99
54) Dibenzofuran	15.07	168	581307	46.978	ng	99
55) 4-Nitrophenol	14.89	139	151359	99.823	ng	100
56) 2,4-Dinitrotoluene	15.04	165	157988	50.267	ng	91
57) Fluorene	15.72	166	474075	51.258	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	148310	55.196	ng	96
59) Diethylphthalate	15.49	149	503532	48.359	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	268873	45.905	ng	99
61) 4-Nitroaniline	15.75	138	110377	44.211	ng	97
62) Azobenzene	16.00	77	487599	48.737	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	84341	47.942	ng	99
65) n-Nitrosodiphenylamine	15.93	169	435085	46.836	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	179530	46.907	ng	96
67) Hexachlorobenzene	16.73	284	182407	46.273	ng	95
68) Atrazine	16.87	200	173586	46.149	ng	98
69) Pentachlorophenol	17.07	266	212569	85.649	ng	96
70) Phenanthrene	17.46	178	816825	50.374	ng	99
71) Anthracene	17.56	178	823151	51.338	ng	99
72) Carbazole	17.83	167	739427	47.299	ng	99
73) Di-n-butylphthalate	18.37	149	847249	48.802	ng	99
74) Fluoranthene	19.47	202	993976	50.924	ng	100
76) Benzidine	19.67	184	100821	9.882	ng	97
77) Pyrene	19.83	202	978694	48.322	ng	99
79) Butylbenzylphthalate	20.71	149	394115	48.819	ng	96
80) Benzo(a)anthracene	21.67	228	984898	49.989	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	175578	23.412	ng	99
82) Chrysene	21.74	228	919140	48.284	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	535907	47.519	ng	99
84) Di-n-octyl phthalate	22.78	149	918057	49.442	ng	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1114907	54.540	ng	# 94
87) Benzo(b)fluoranthene	23.88	252	960960	51.382	ng	98
88) Benzo(k)fluoranthene	23.95	252	945711	50.403	ng	99
89) Benzo(a)pyrene	24.75	252	940113	51.995	ng	100
90) Dibenzo(a,h)anthracene	28.62	278	904206	53.360	ng	98
91) Benzo(g,h,i)perylene	29.70	276	924648	54.370	ng	97

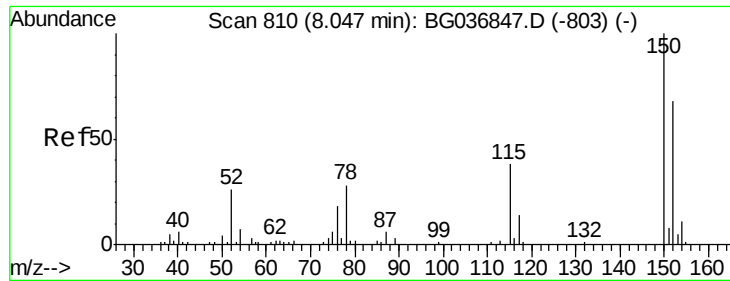
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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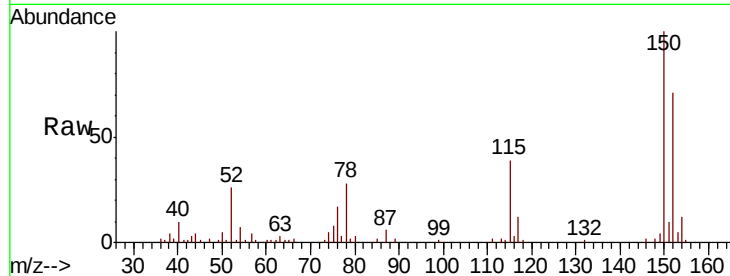




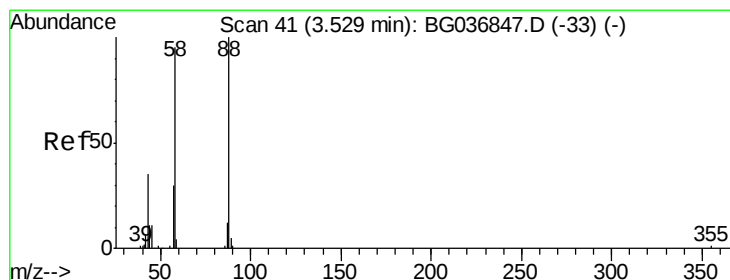
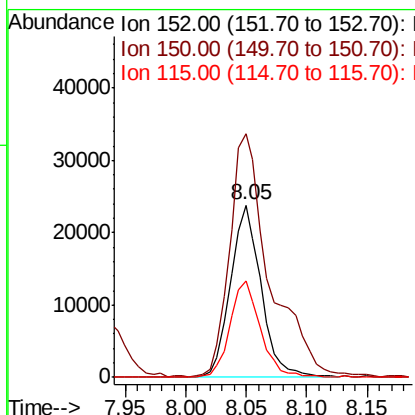
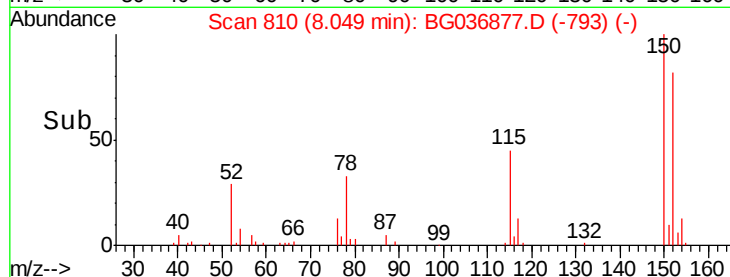
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion:152 Resp: 42158
 Ion Ratio Lower Upper
 152 100
 150 141.1 119.5 179.3
 115 55.6 44.5 66.7

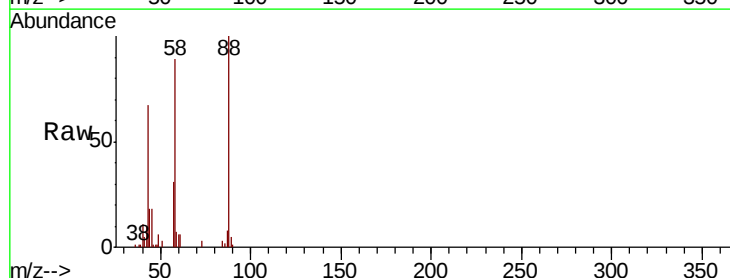


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

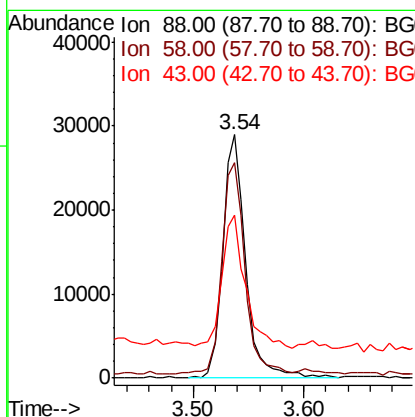
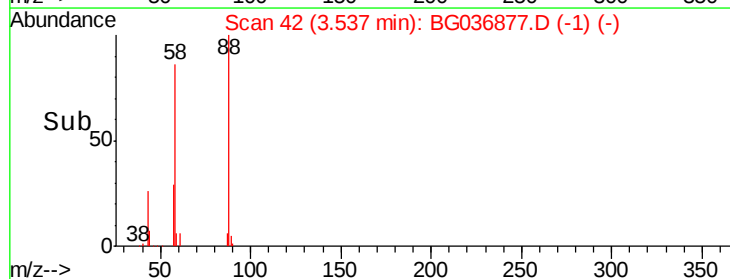


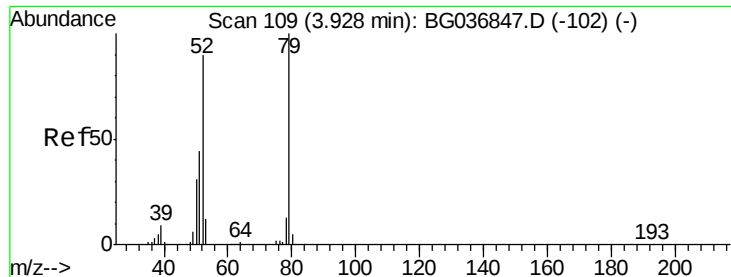
#2
 1,4-Dioxane
 Concen: 41.498 ng
 RT: 3.54 min Scan# 42
 Delta R.T. 0.01 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion: 88 Resp: 41742
 Ion Ratio Lower Upper
 88 100
 58 87.1 72.6 109.0
 43 56.9 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

Pyridine

Concen: 31.216 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

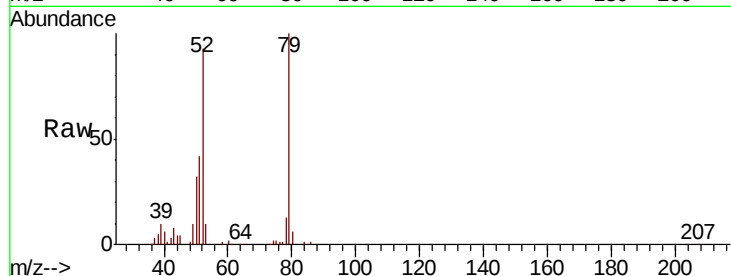
Tgt Ion: 79 Resp: 90664

Ion Ratio Lower Upper

79 100

52 92.7 72.3 108.5

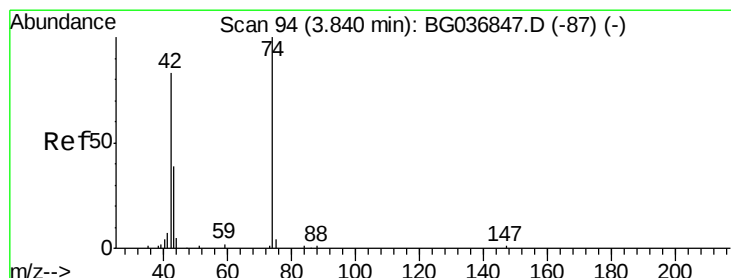
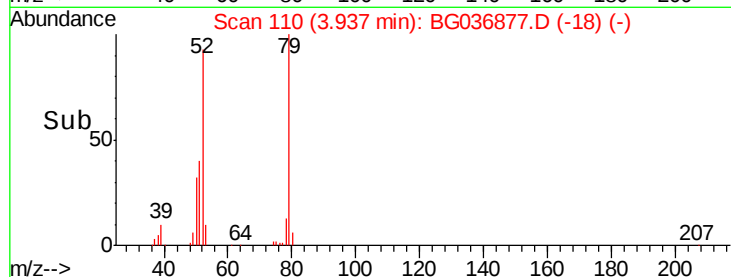
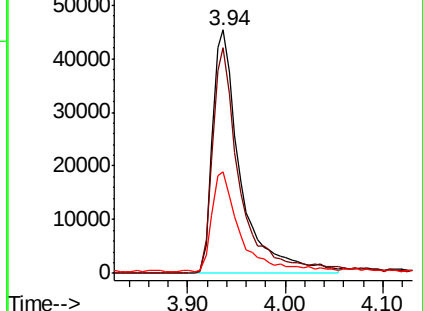
51 41.6 33.8 50.6



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: 47.927 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

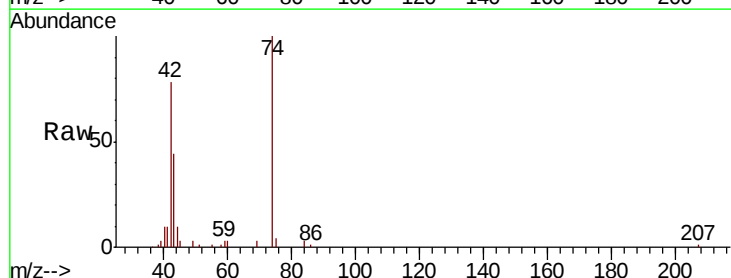
Tgt Ion: 42 Resp: 61868

Ion Ratio Lower Upper

42 100

74 127.8 96.6 145.0

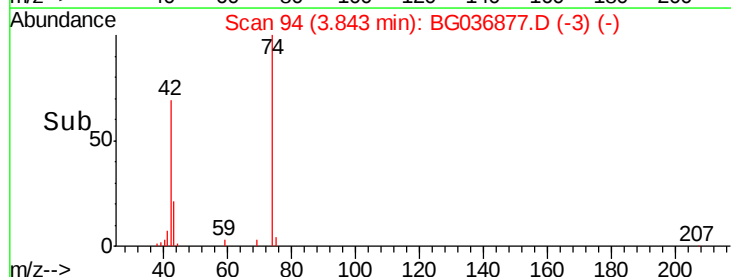
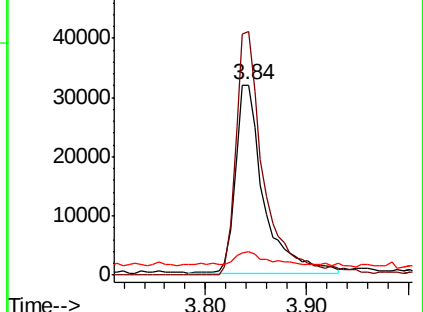
44 12.6 7.0 10.4#

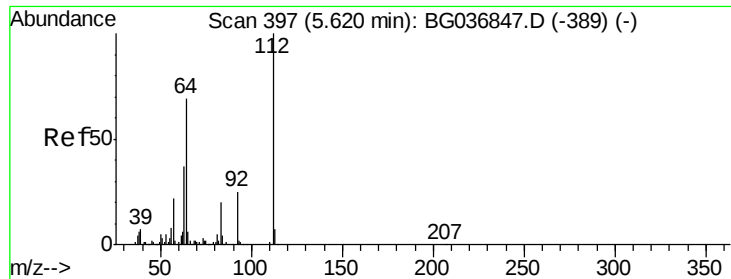


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.395 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

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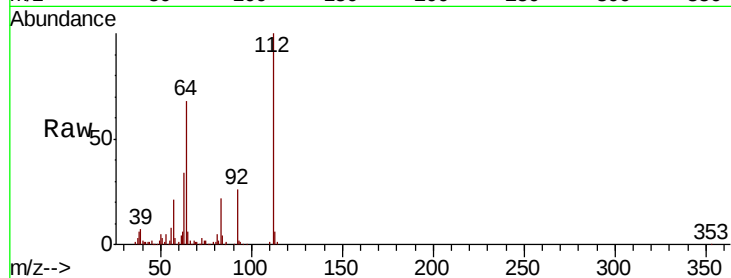
Tgt Ion: 112 Resp: 299833

Ion Ratio Lower Upper

112 100

64 68.1 57.2 85.8

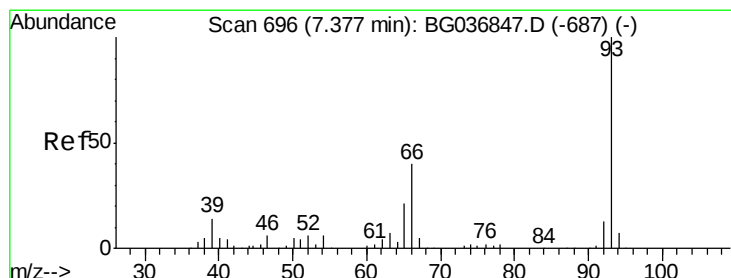
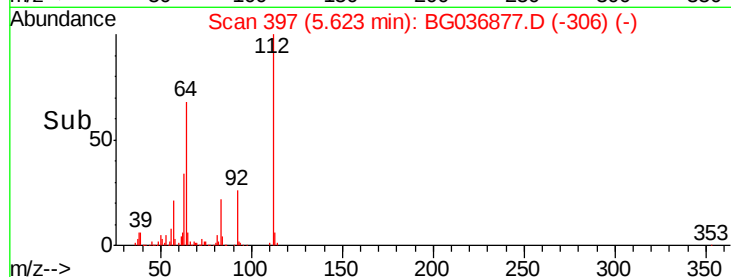
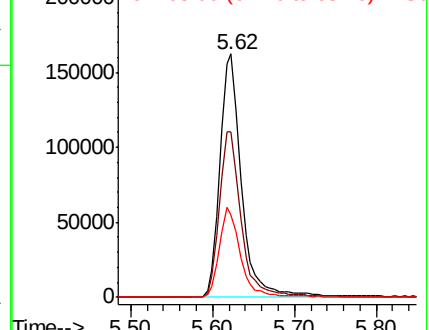
63 34.1 30.8 46.2



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: 19.693 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

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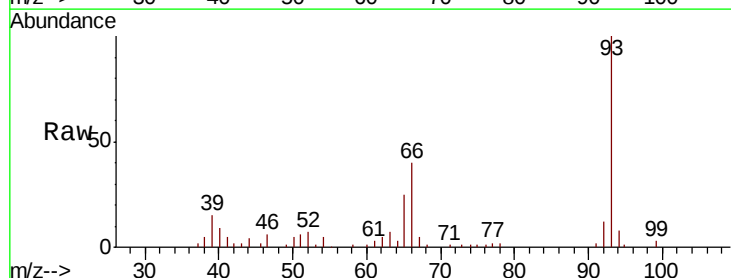
Tgt Ion: 93 Resp: 86910

Ion Ratio Lower Upper

93 100

66 39.6 35.0 52.4

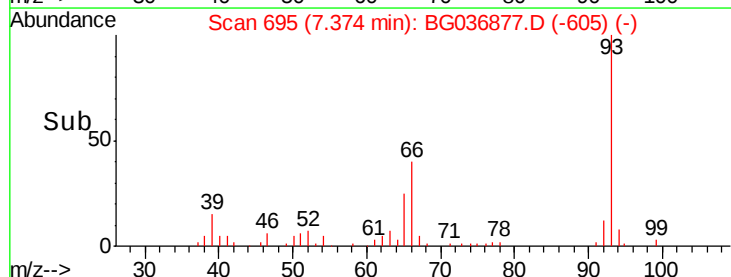
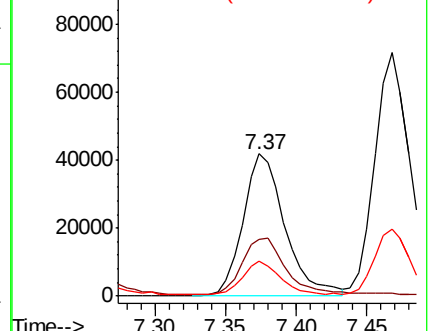
65 24.6 17.6 26.4

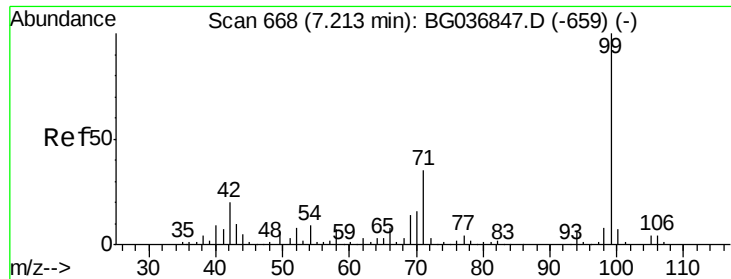


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.757 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

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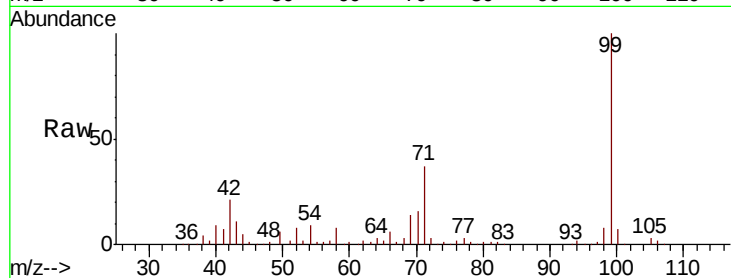
Tgt Ion: 99 Resp: 403904

Ion Ratio Lower Upper

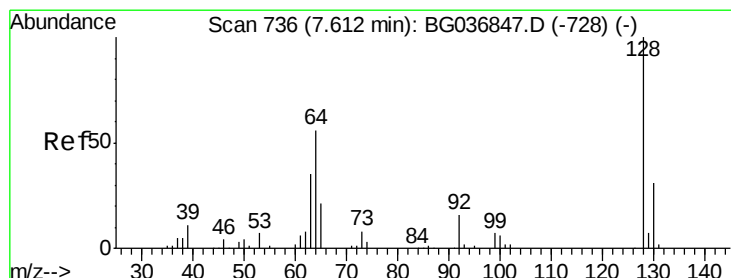
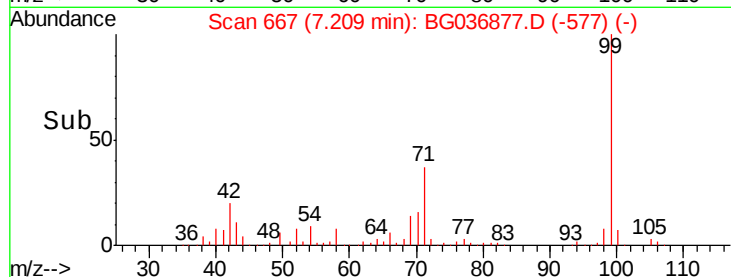
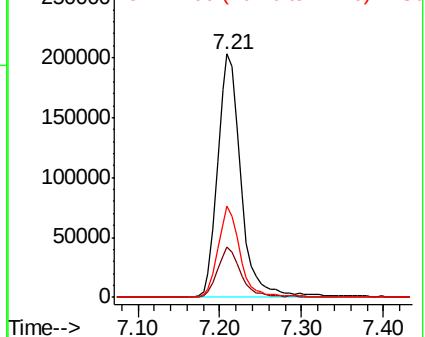
99 100

42 20.6 16.5 24.7

71 37.3 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: 49.149 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

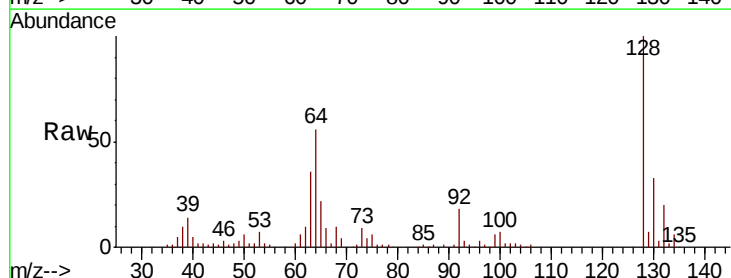
Tgt Ion: 128 Resp: 125451

Ion Ratio Lower Upper

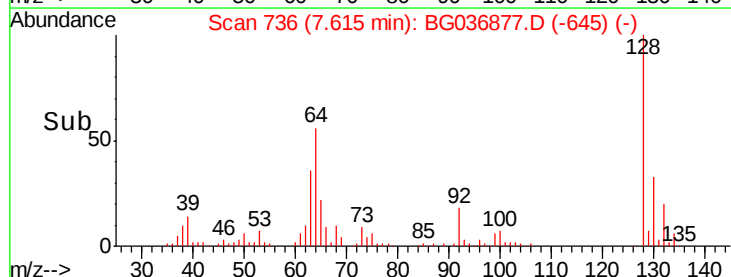
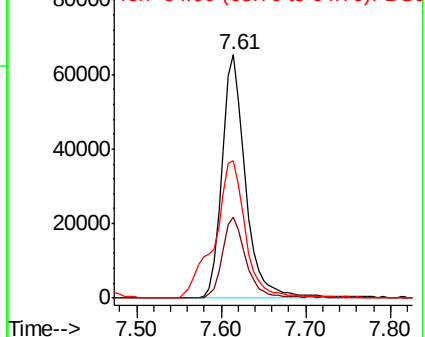
128 100

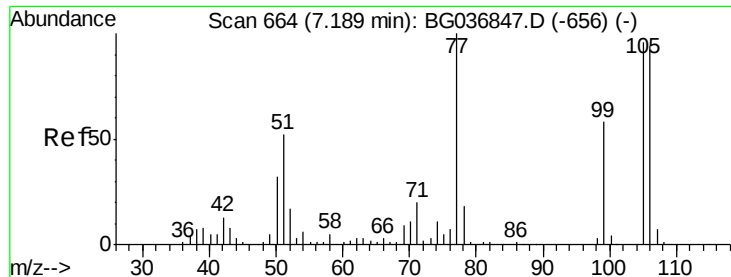
130 33.2 10.0 50.0

64 56.5 36.0 76.0



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





#9

Benzaldehyde

Concen: 17.418 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

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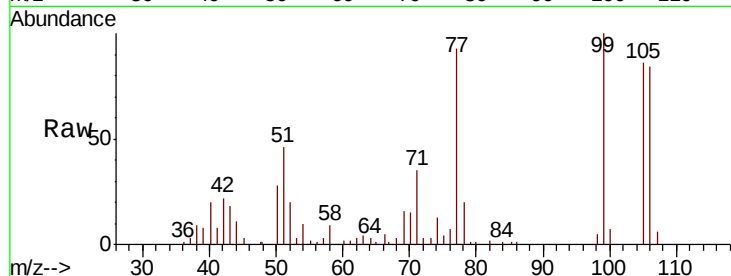
Tgt Ion: 77 Resp: 39146

Ion Ratio Lower Upper

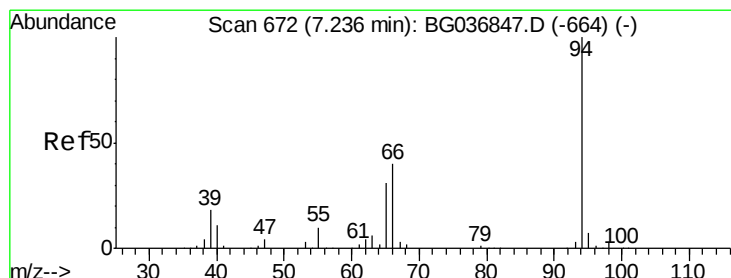
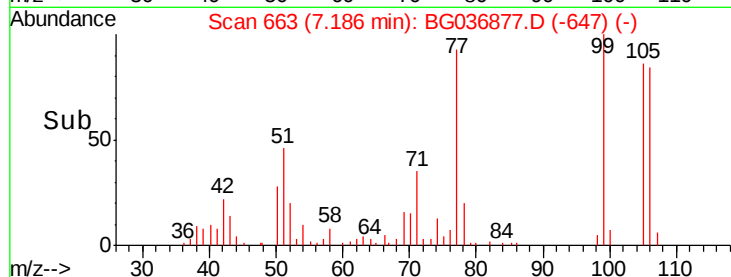
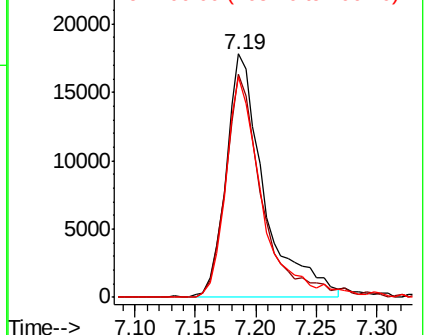
77 100

105 91.7 70.5 110.5

106 90.5 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: 44.714 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

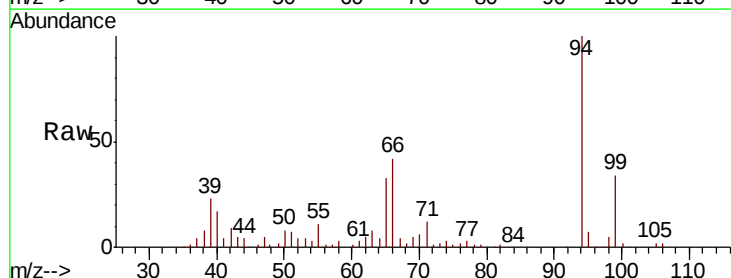
Tgt Ion: 94 Resp: 156951

Ion Ratio Lower Upper

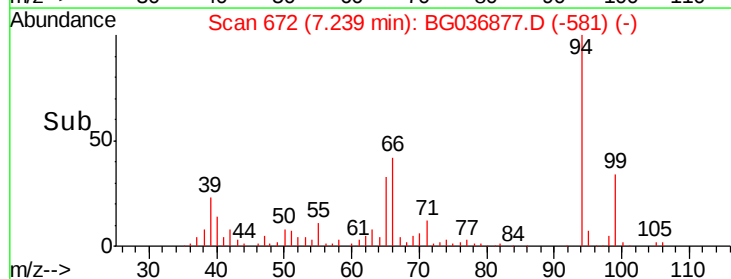
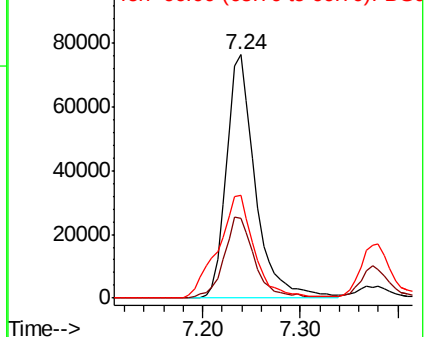
94 100

65 32.8 11.5 51.5

66 42.4 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

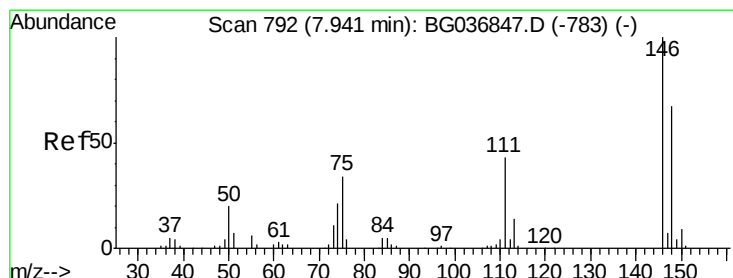
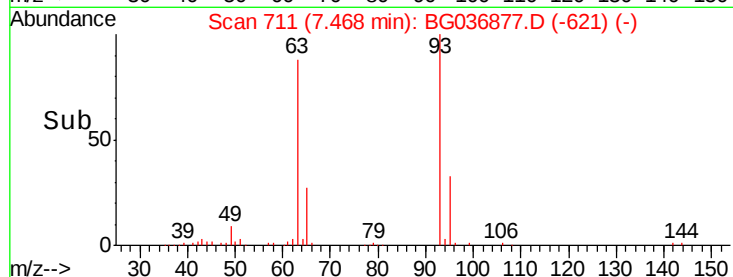
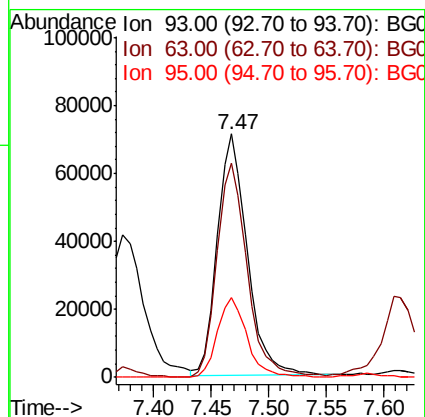
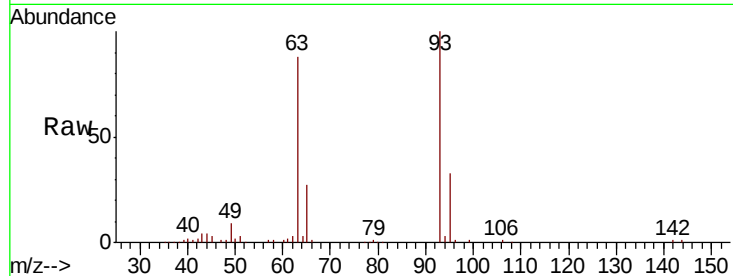




#11
 bis(2-Chloroethyl)ether
 Concen: 39.441 ng
 RT: 7.47 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

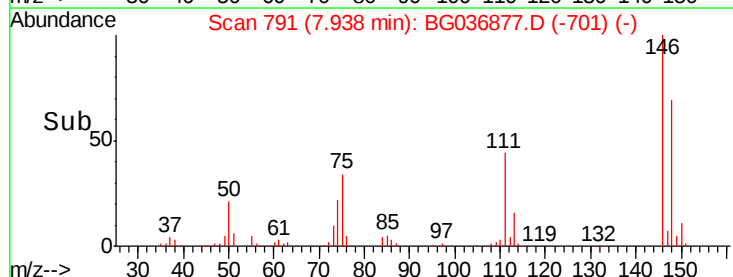
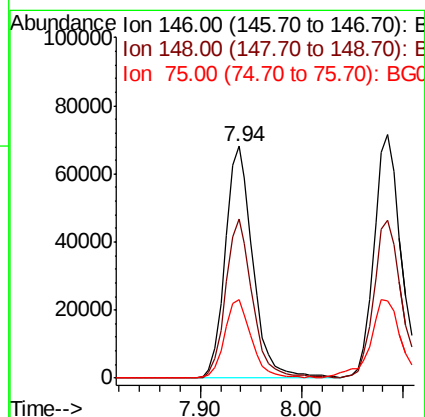
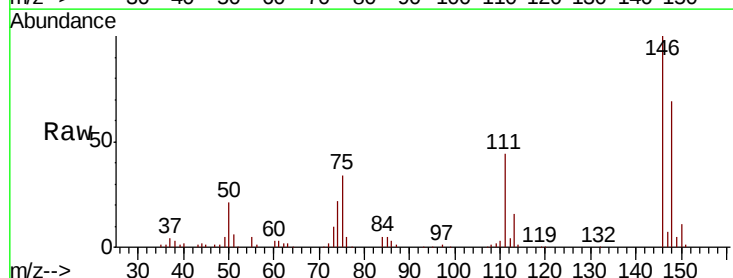
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

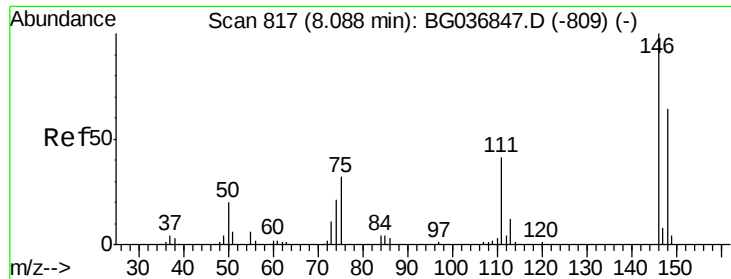
Tgt Ion: 93 Resp: 128062
 Ion Ratio Lower Upper
 93 100
 63 88.1 69.9 109.9
 95 32.5 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 40.968 ng
 RT: 7.94 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion: 146 Resp: 128200
 Ion Ratio Lower Upper
 146 100
 148 68.7 53.8 80.6
 75 33.6 27.2 40.8

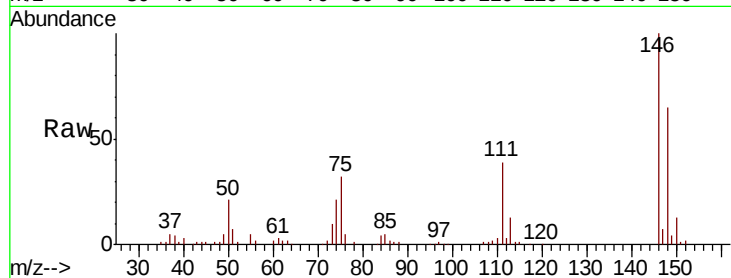




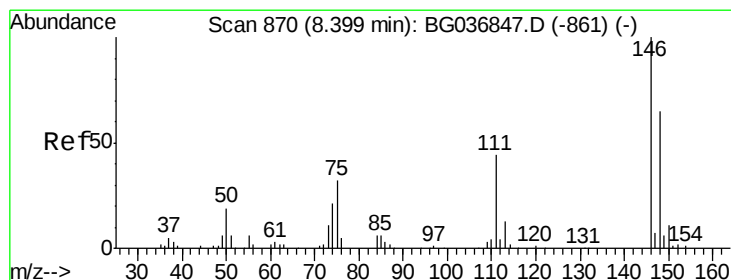
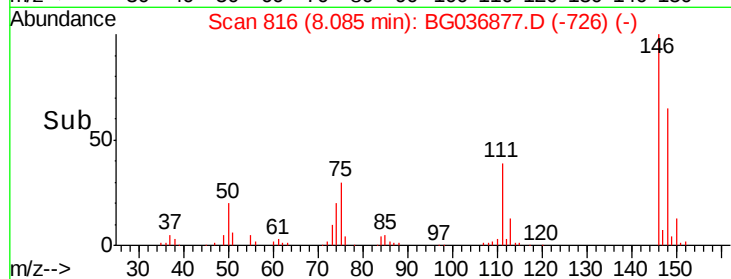
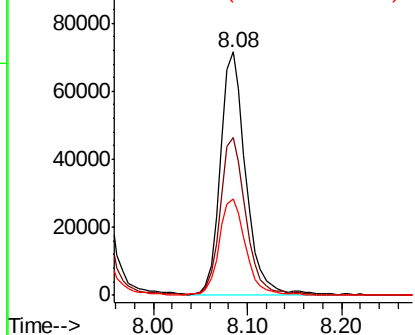
#13
 1,4-Dichlorobenzene
 Concen: 41.763 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion:146 Resp: 133741
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.9 80.9
 111 39.5 33.8 50.6

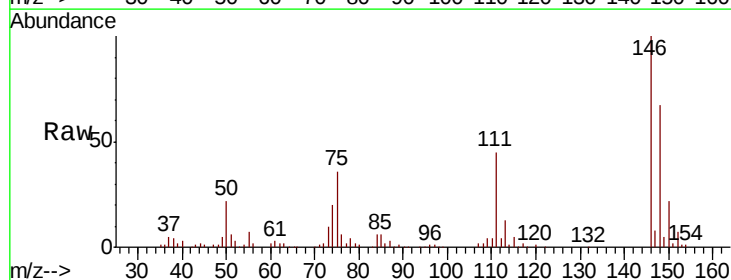


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

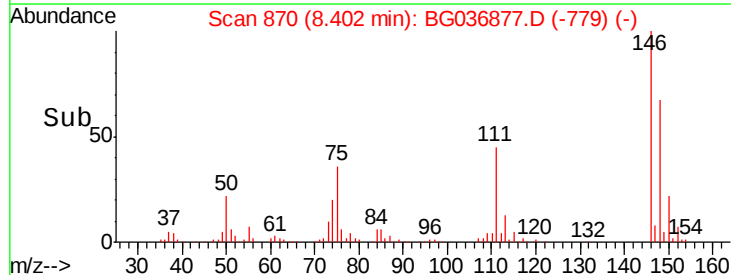
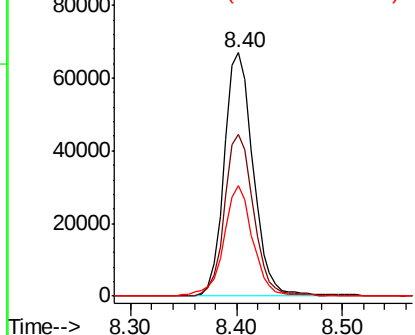


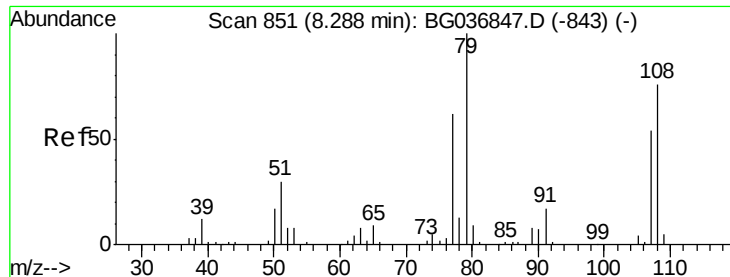
#14
 1,2-Dichlorobenzene
 Concen: 41.059 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:146 Resp: 127419
 Ion Ratio Lower Upper
 146 100
 148 66.6 55.0 82.6
 111 45.5 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: 45.549 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

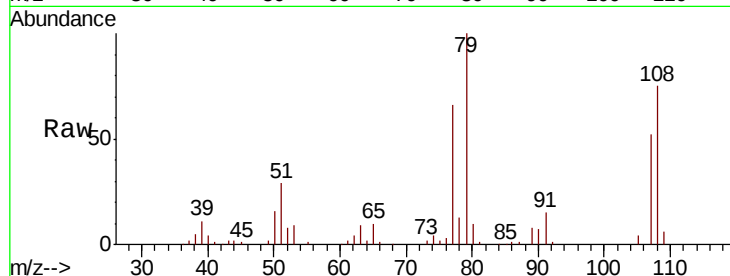
Tgt Ion: 79 Resp: 125702

Ion Ratio Lower Upper

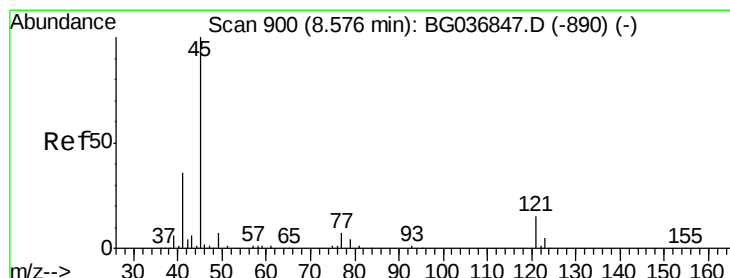
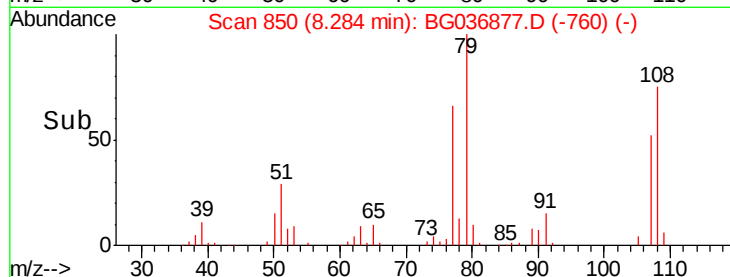
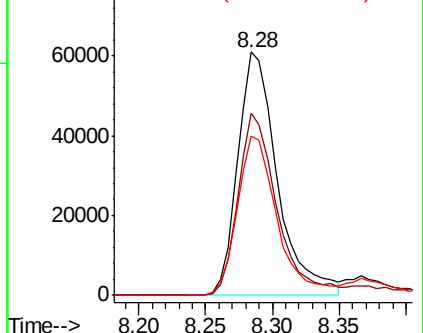
79 100

108 74.9 55.9 83.9

77 65.6 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: 40.264 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

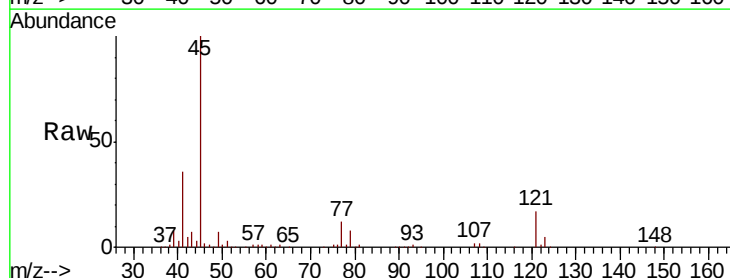
Tgt Ion: 45 Resp: 250987

Ion Ratio Lower Upper

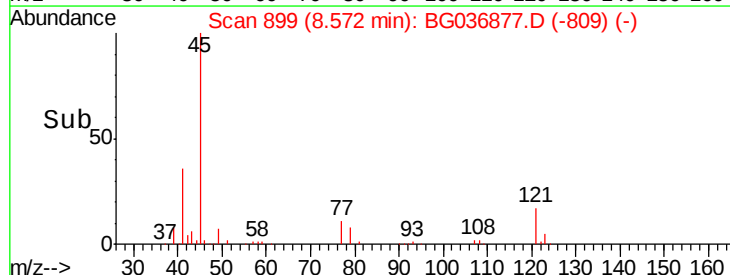
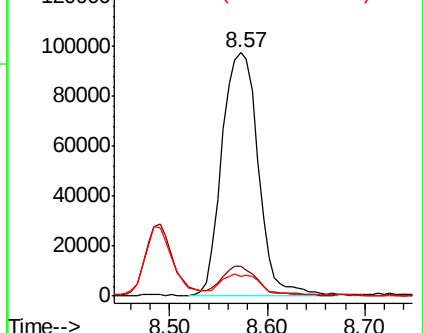
45 100

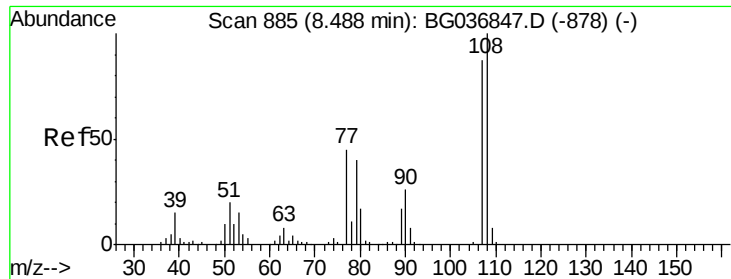
77 12.2 0.0 30.5

79 8.2 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

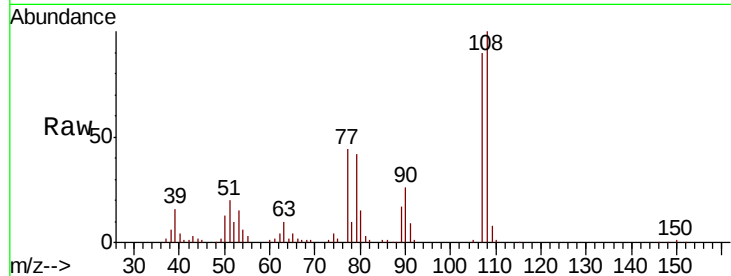




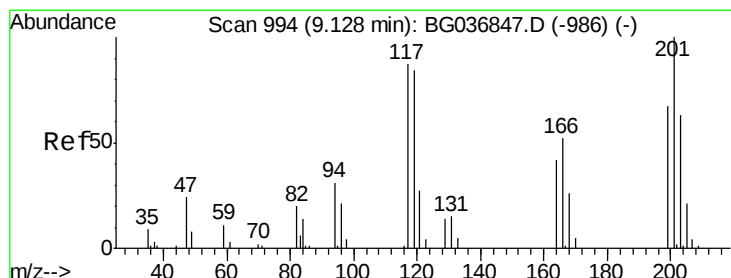
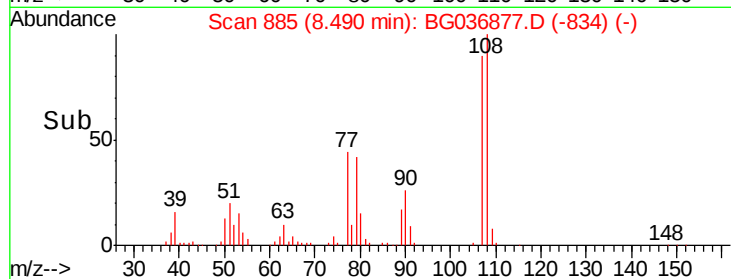
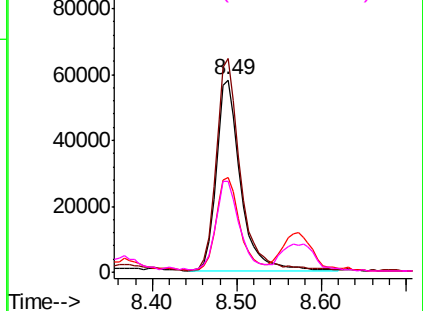
#17
2-Methylphenol
Concen: 47.486 ng
RT: 8.49 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tgt Ion:	107	Resp:	116104
Ion	Ratio	Lower	Upper
107	100		
108	111.1	86.7	130.1
77	49.4	39.0	58.4
79	47.2	36.6	54.8

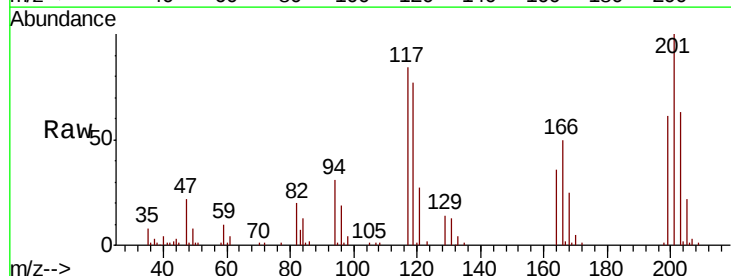


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

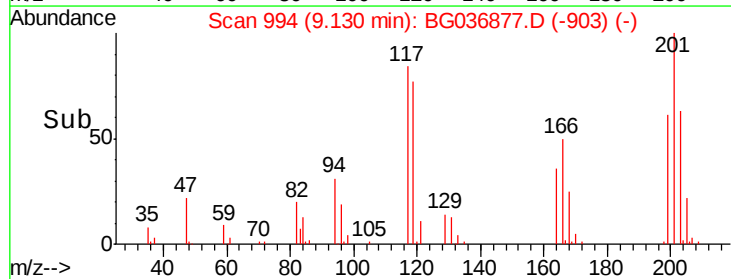
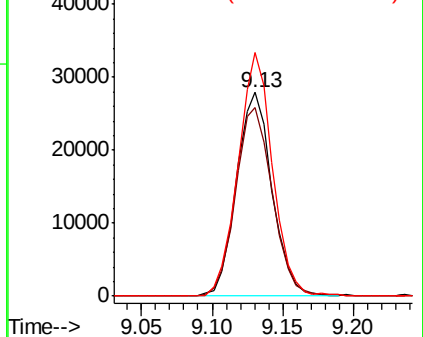


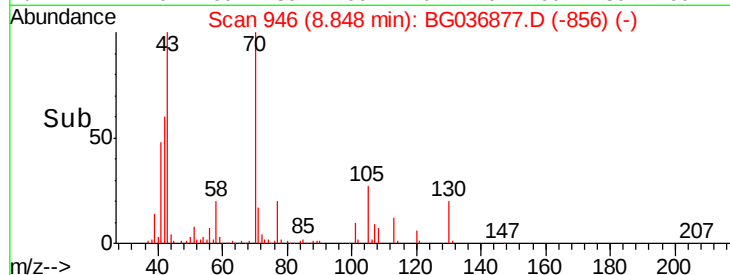
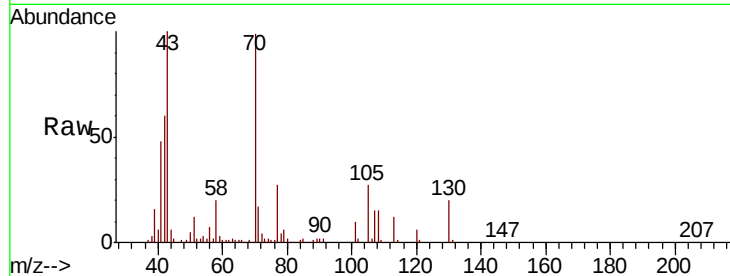
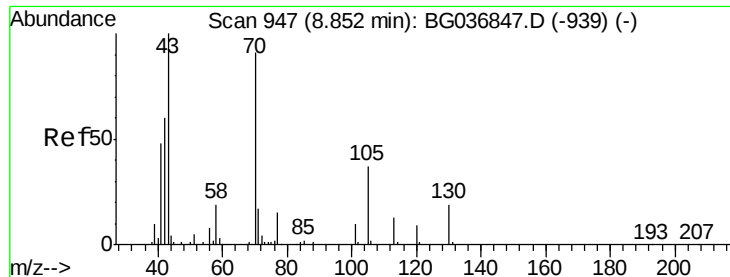
#18
Hexachloroethane
Concen: 41.589 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:	117	Resp:	49011
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.8	115.2
201	119.5	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

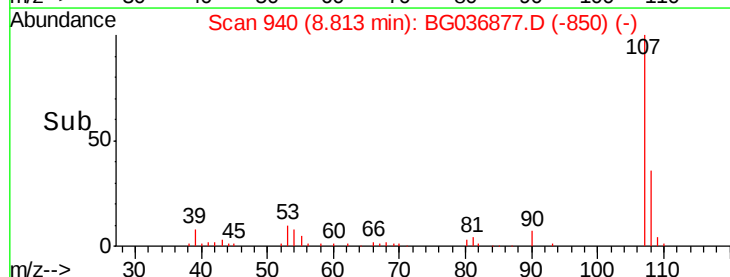
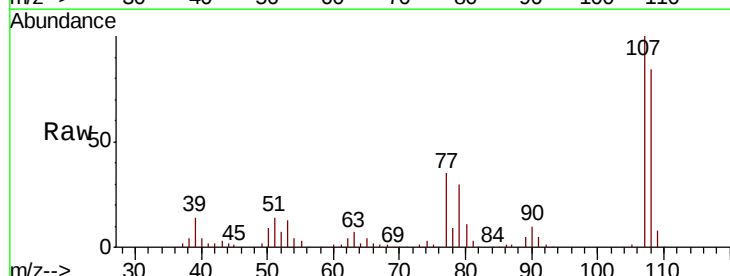
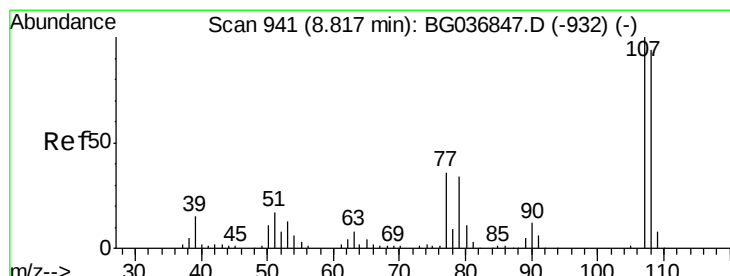
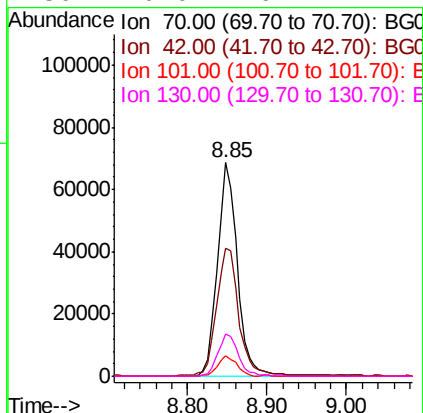




#19
n-Nitroso-di-n-propylamine
Concen: 42.579 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

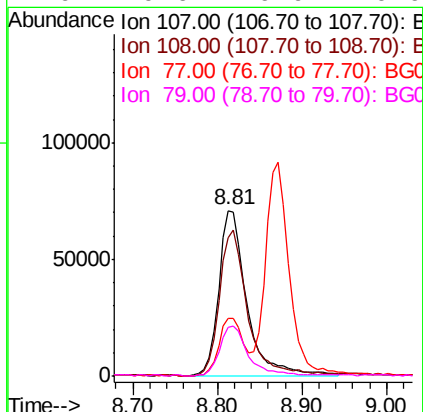
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

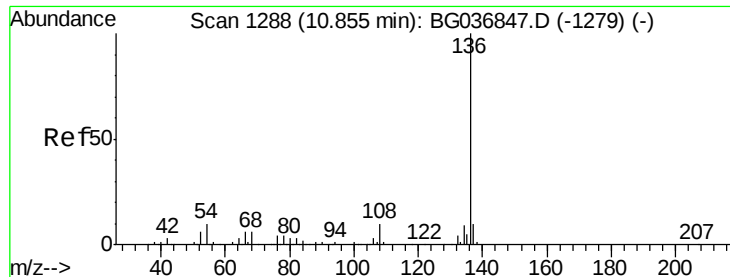
Tgt Ion:	70	Resp:	120471
Ion	Ratio	Lower	Upper
70	100		
42	60.2	56.2	84.4
101	9.7	7.8	11.6
130	20.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 47.633 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:	107	Resp:	162022
Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.0	108.0
77	35.0	15.6	55.6
79	29.6	9.9	49.9

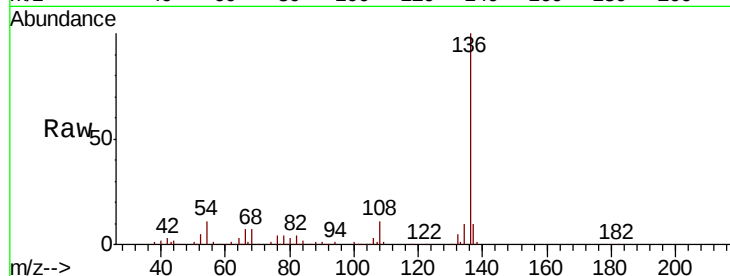




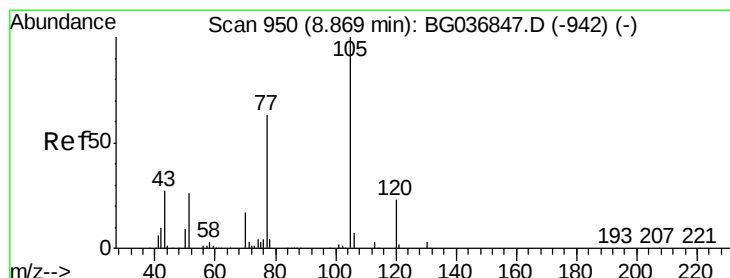
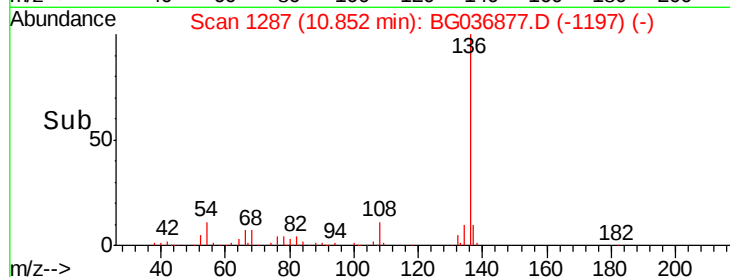
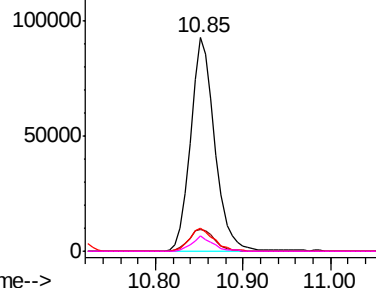
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tgt Ion:	136	Resp:	177643
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.9	9.2	13.8
68	7.1	5.8	8.6

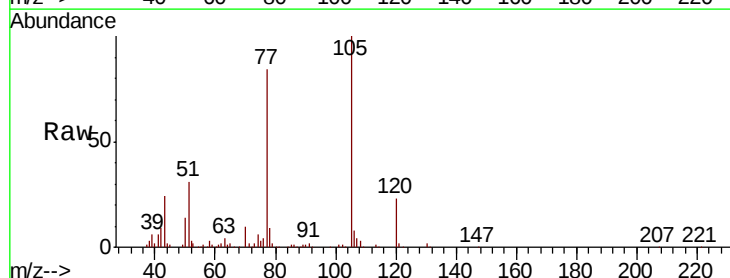


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

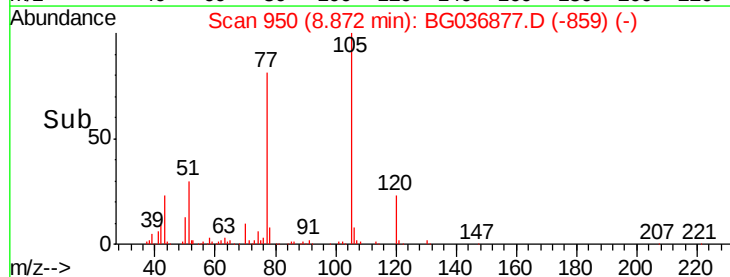
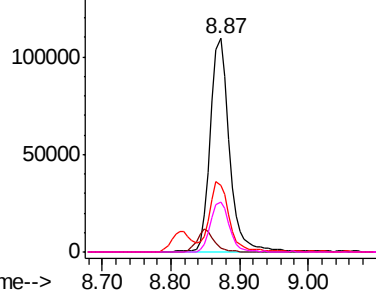


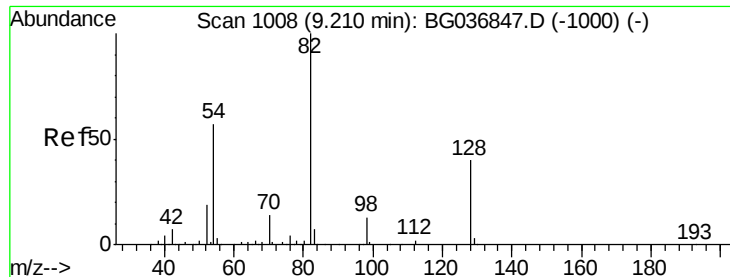
#22
Acetophenone
Concen: 50.827 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:	105	Resp:	212179
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.4	3.6#
51	31.5	25.9	38.9
120	23.1	19.4	29.0



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

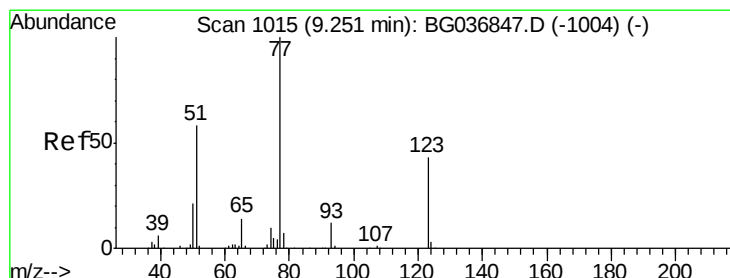
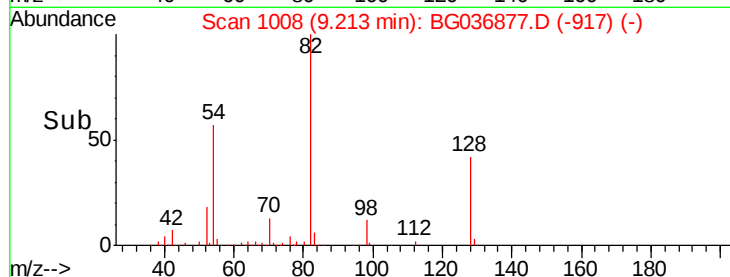
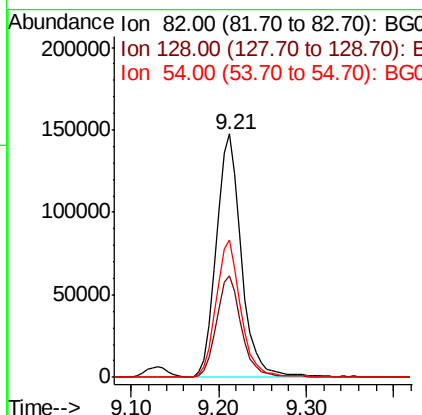
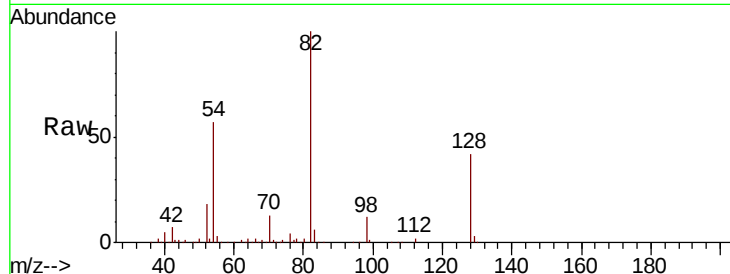




#23
 Nitrobenzene-d5
 Concen: 87.684 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

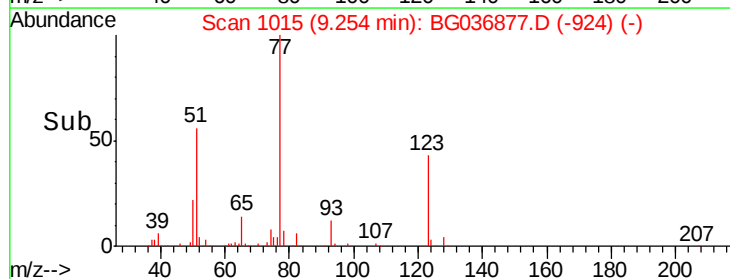
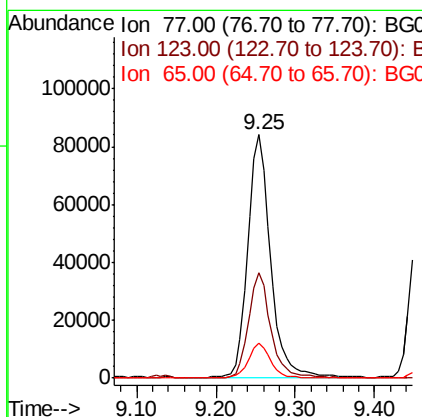
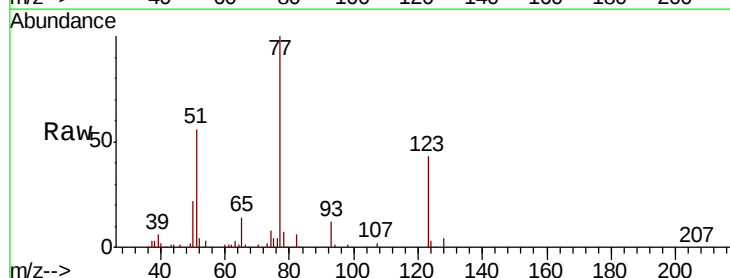
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

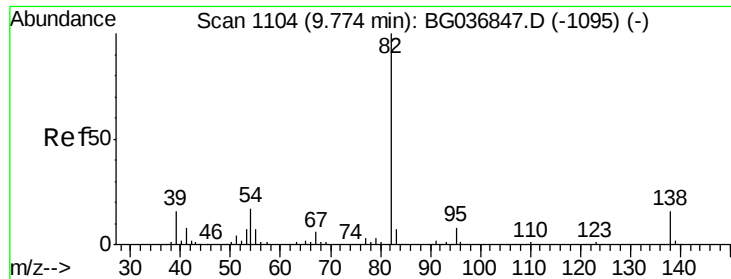
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	56.7	45.1	67.7



#24
 Nitrobenzene
 Concen: 47.434 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	32.4	48.6
65	14.2	11.5	17.3





#25

Isophorone

Concen: 55.968 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

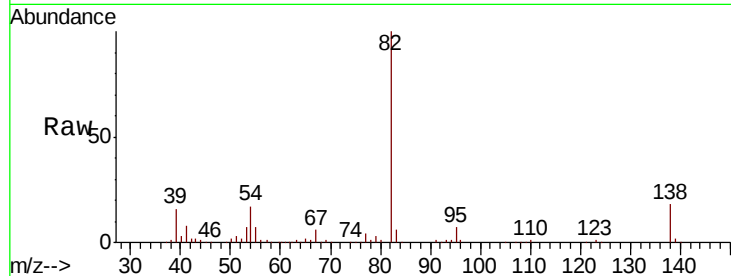
Tgt Ion: 82 Resp: 339241

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

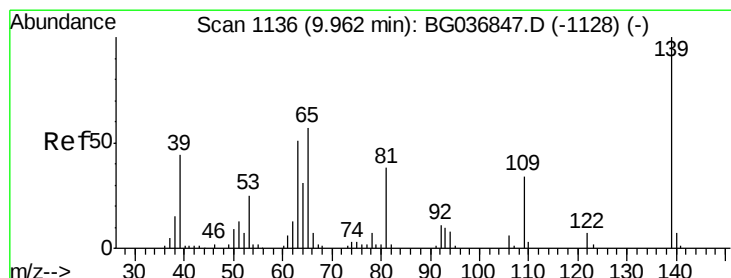
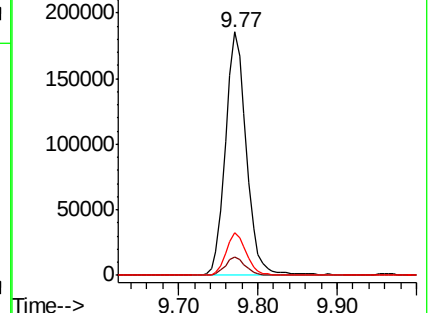
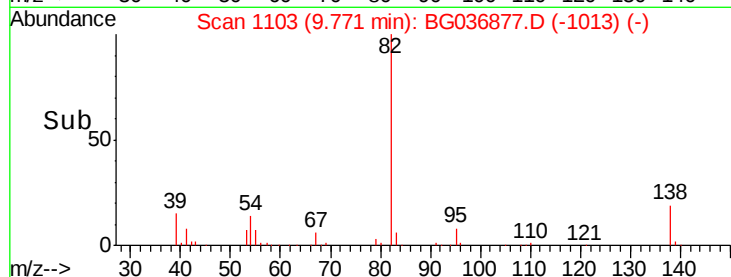
138 17.6 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG036877.D (-1013) (-)

Ion 95.00 (94.70 to 95.70): BG036877.D (-1013) (-)

Ion 138.00 (137.70 to 138.70): BG036877.D (-1013) (-)



#26

2-Nitrophenol

Concen: 52.692 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

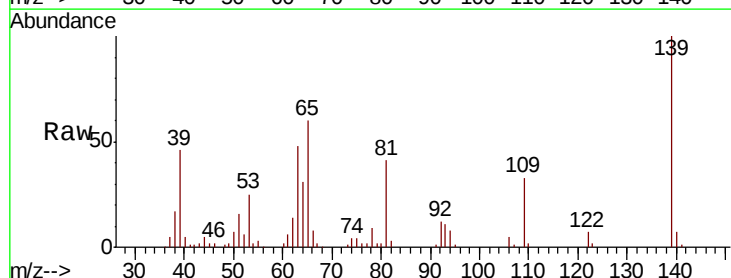
Tgt Ion: 139 Resp: 74403

Ion Ratio Lower Upper

139 100

109 33.5 27.4 41.0

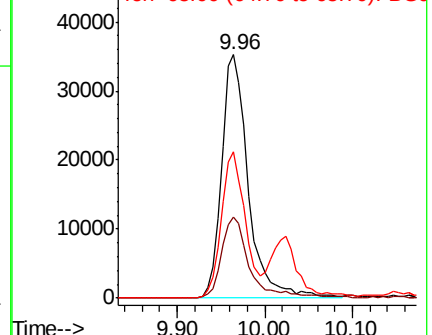
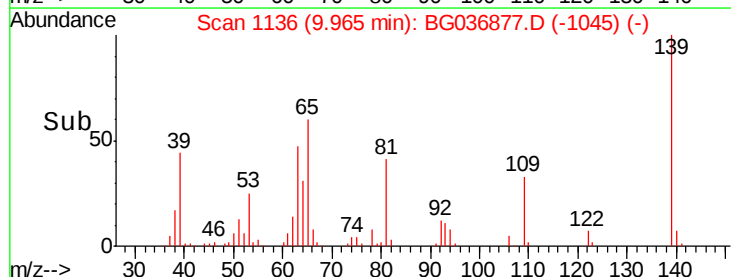
65 59.9 47.8 71.6

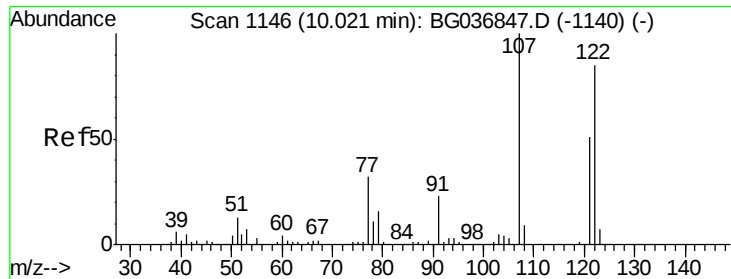


Abundance Ion 139.00 (138.70 to 139.70): BG036877.D (-1045) (-)

Ion 109.00 (108.70 to 109.70): BG036877.D (-1045) (-)

Ion 65.00 (64.70 to 65.70): BG036877.D (-1045) (-)

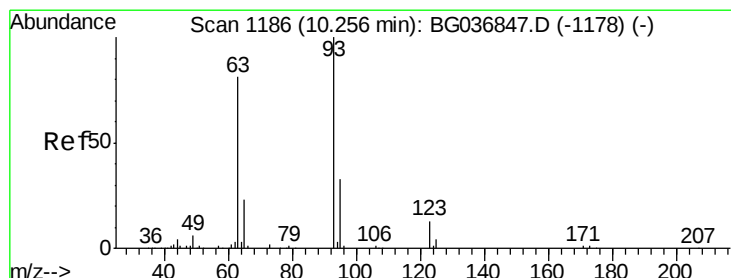
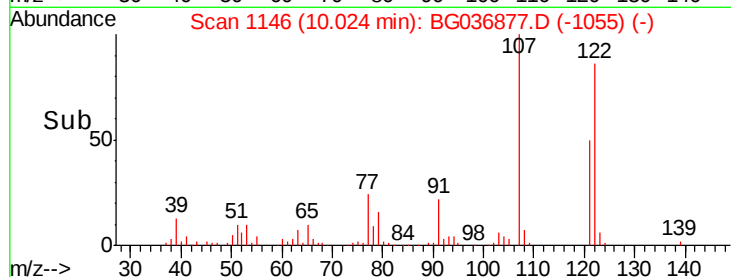
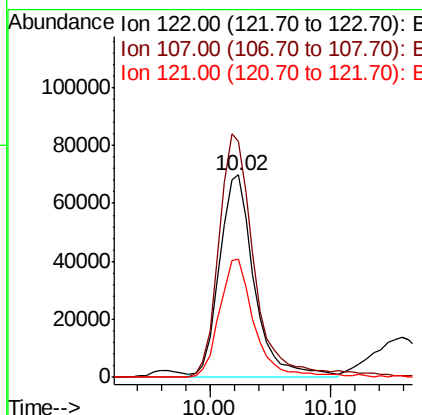
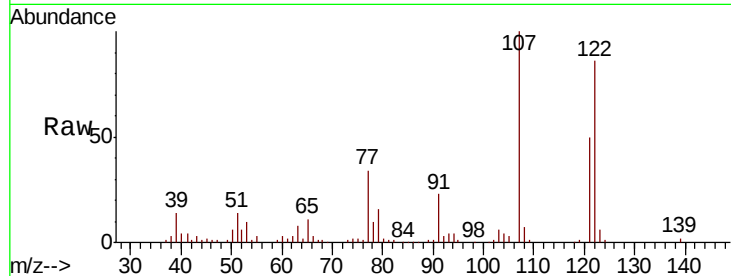




#27
 2,4-Dimethylphenol
 Concen: 62.579 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

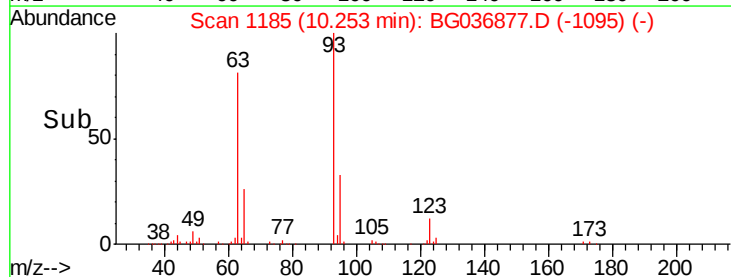
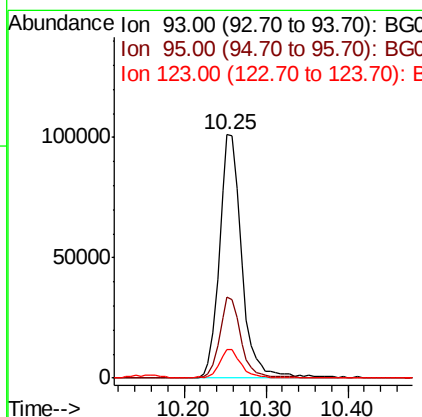
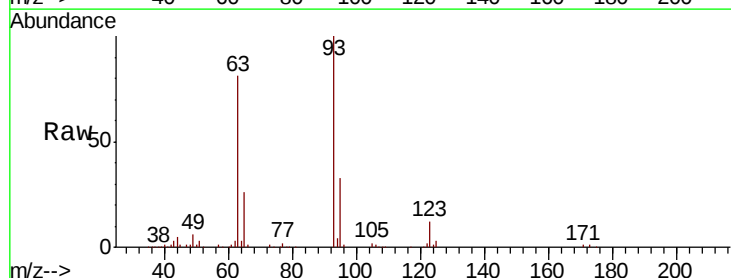
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

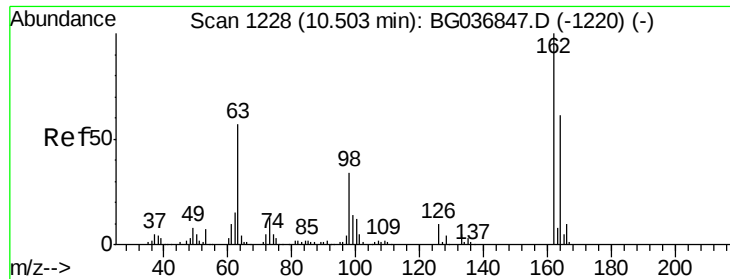
Tgt Ion: 122 Resp: 137644
 Ion Ratio Lower Upper
 122 100
 107 116.9 96.0 144.0
 121 58.3 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.324 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion: 93 Resp: 191962
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.2 37.8
 123 12.0 8.6 12.8

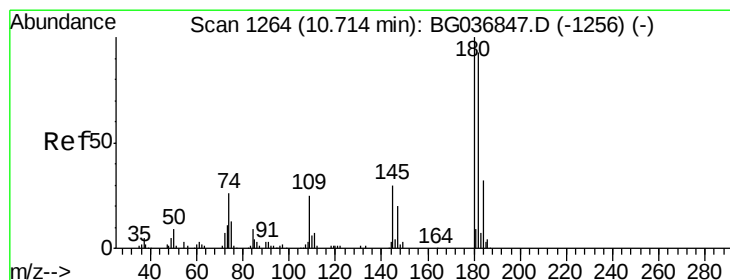
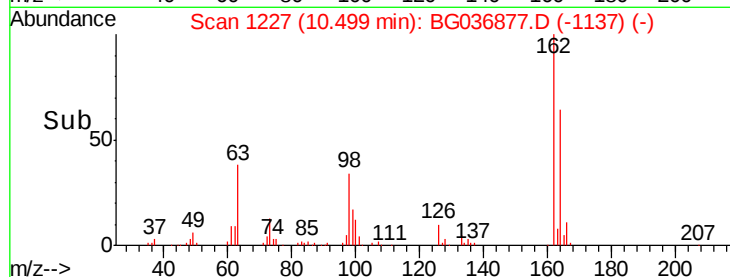
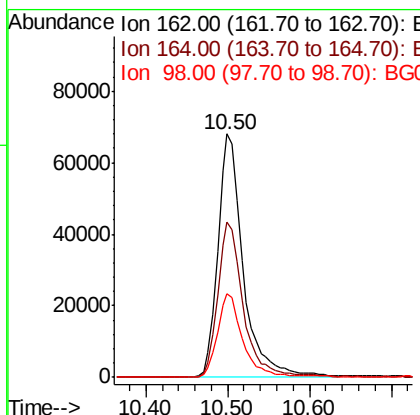
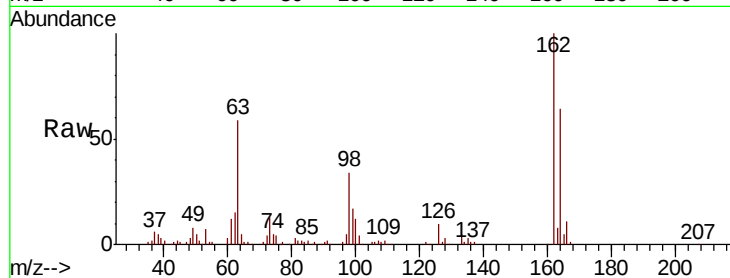




#29
 2,4-Dichlorophenol
 Concen: 57.702 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

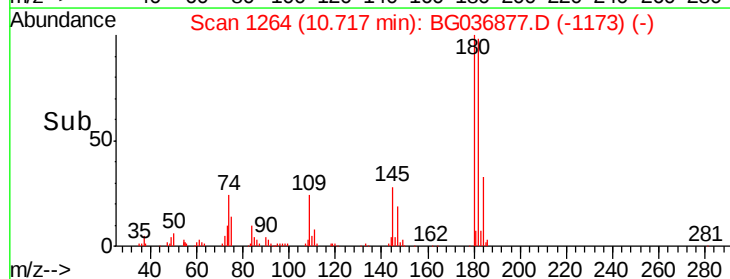
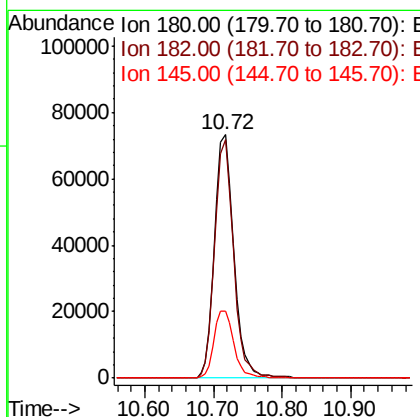
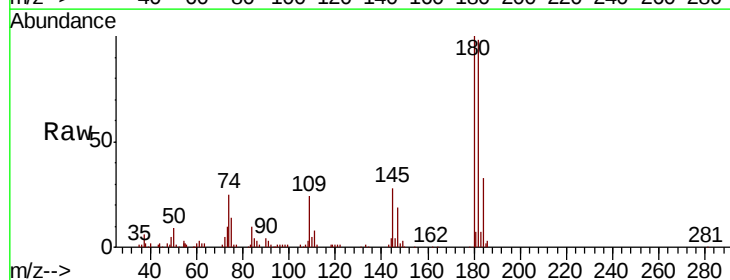
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

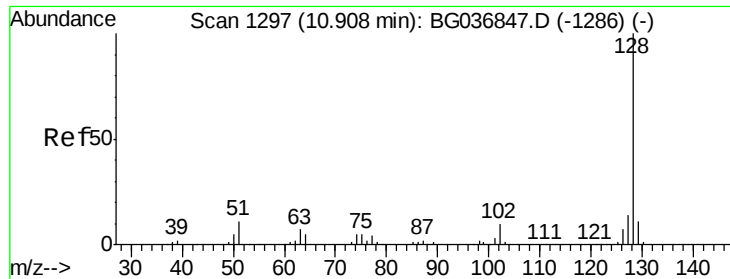
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	47.6	87.6
98	34.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.065 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.0	114.0
145	27.6	22.9	34.3

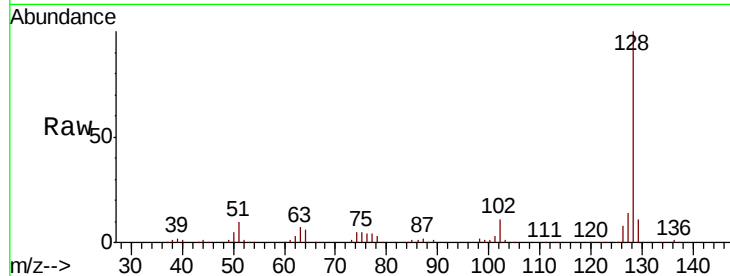




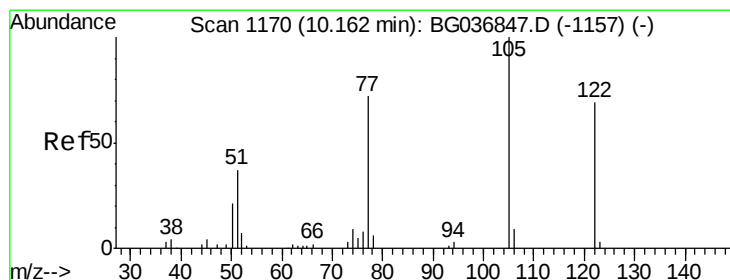
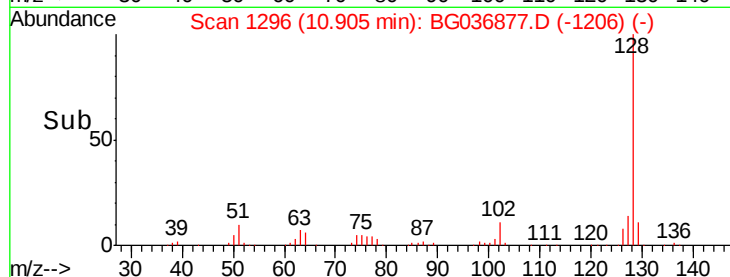
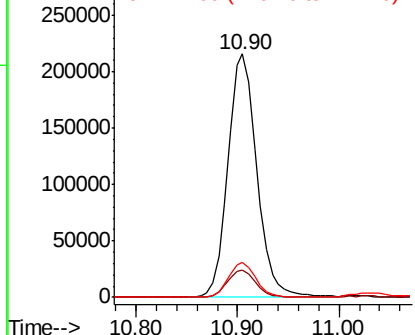
#31
Naphthalene
Concen: 50.506 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tgt Ion:128 Resp: 426893
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 14.2 11.0 16.4

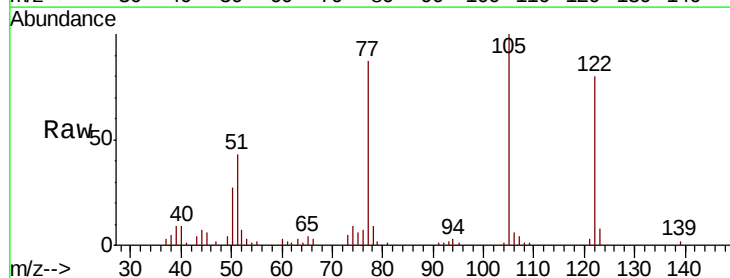


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

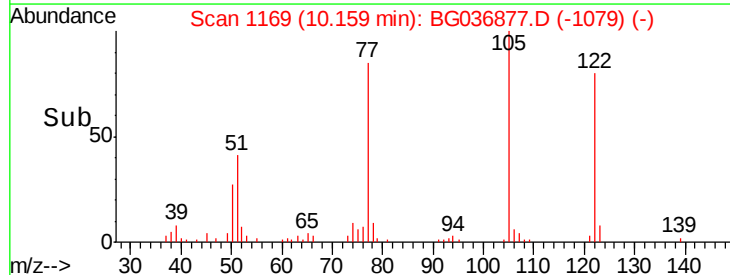
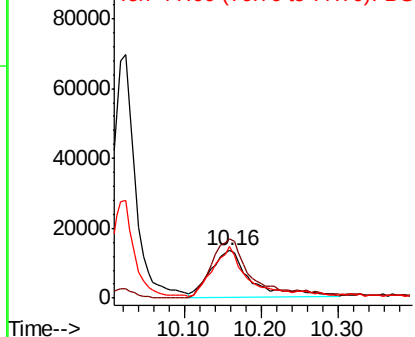


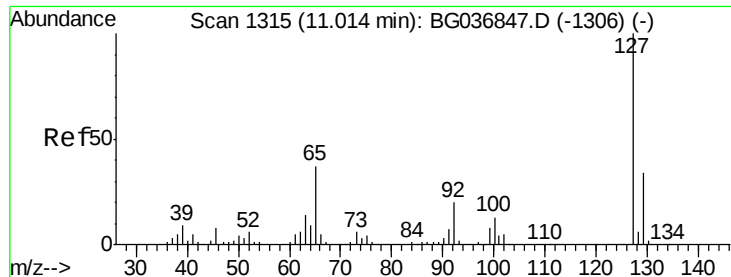
#32
Benzoic acid
Concen: 30.539 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:122 Resp: 47405
Ion Ratio Lower Upper
122 100
105 125.5 108.1 148.1
77 109.5 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

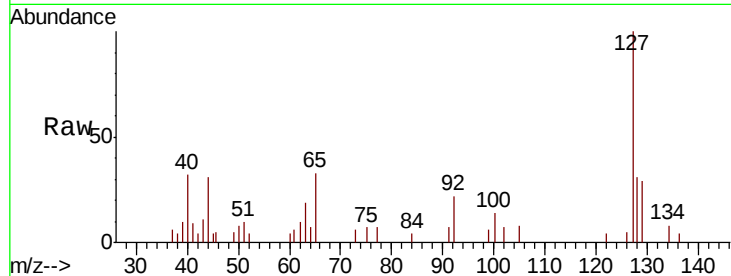




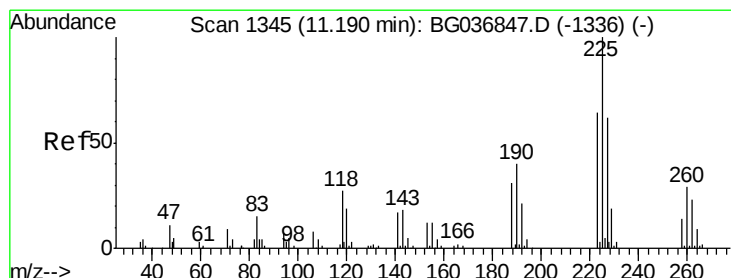
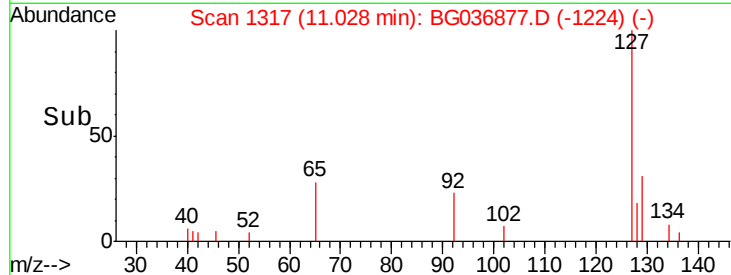
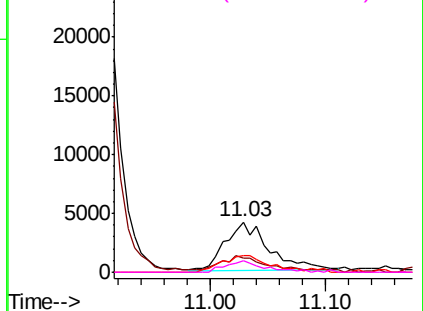
#33
4-Chloroaniline
Concen: 2.757 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tgt Ion:	127	Resp:	10596
Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.9	38.9
65	33.3	27.5	41.3
92	21.9	16.2	24.2

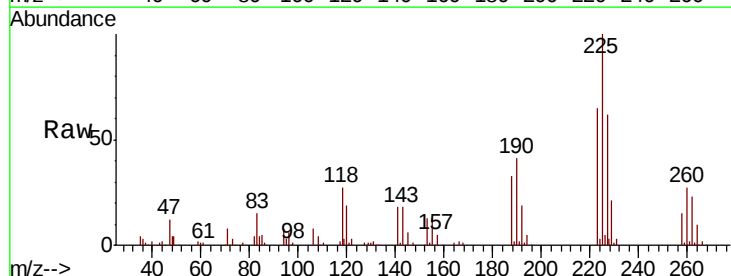


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

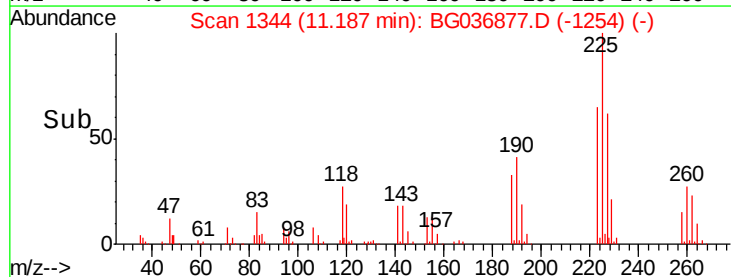
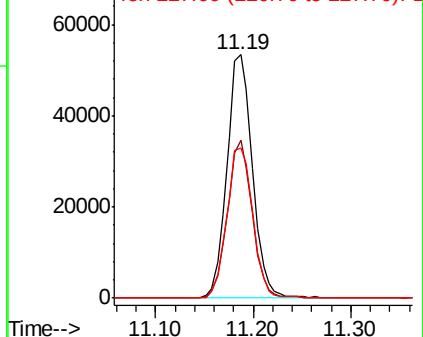


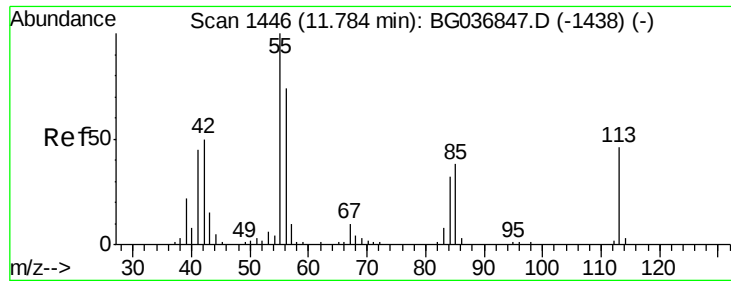
#34
Hexachlorobutadiene
Concen: 43.757 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:	225	Resp:	96556
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.8	77.8
227	61.5	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: 25.271 ng

RT: 11.84 min Scan# 1455

Delta R.T. 0.06 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

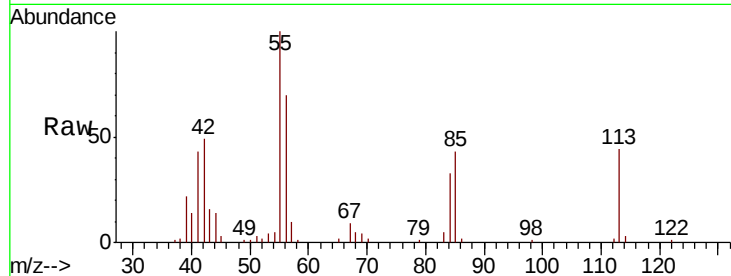
Tgt Ion:113 Resp: 26520

Ion Ratio Lower Upper

113 100

55 228.1 197.7 237.7

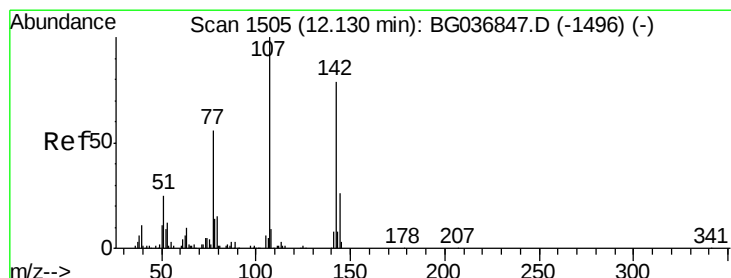
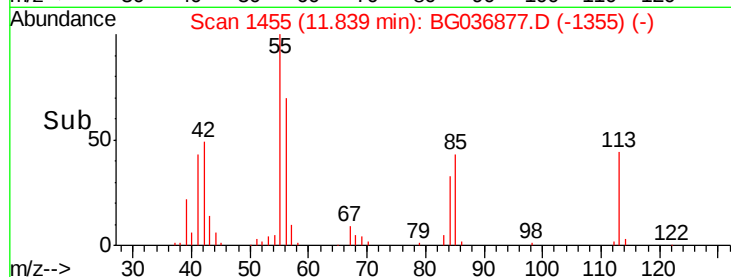
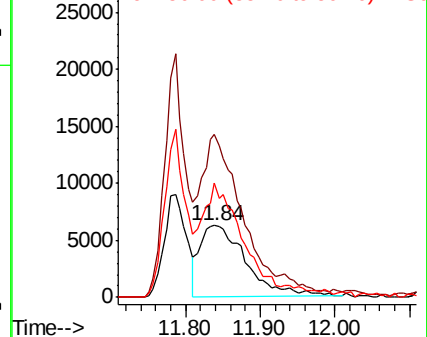
56 160.1 131.7 171.7



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: 56.165 ng

RT: 12.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

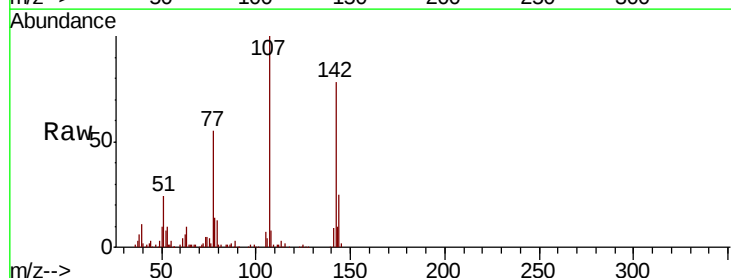
Tgt Ion:107 Resp: 170874

Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

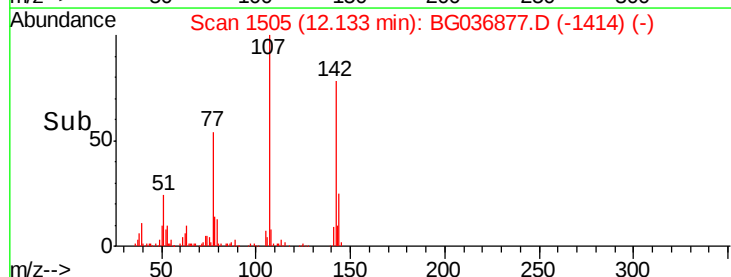
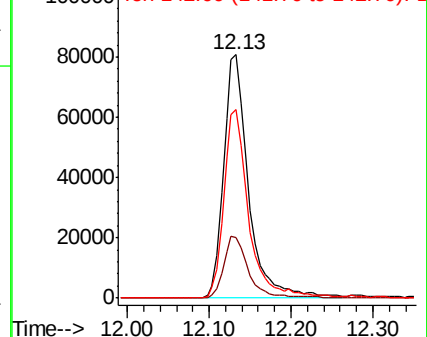
142 77.5 62.4 93.6

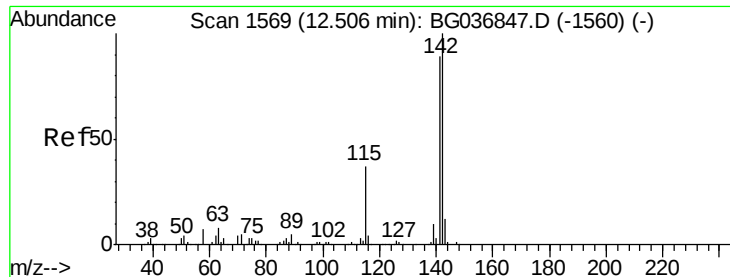


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

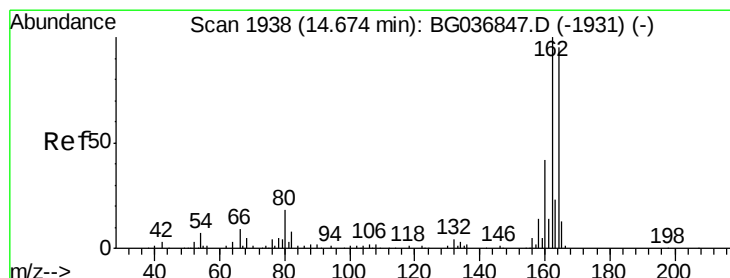
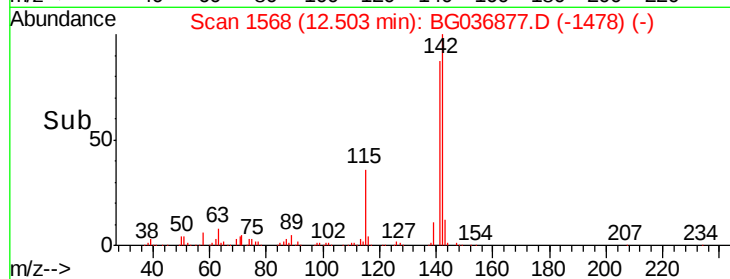
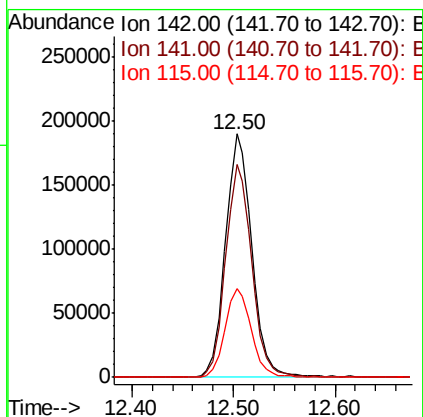
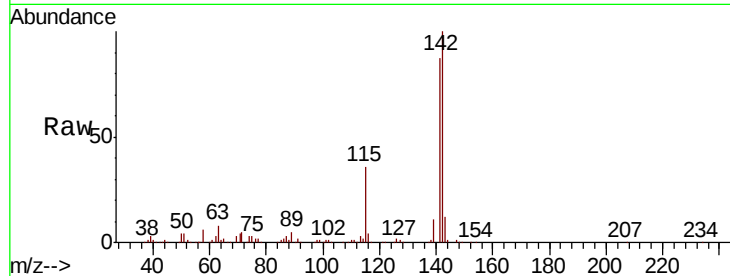




#37
2-Methylnaphthalene
Concen: 53.146 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

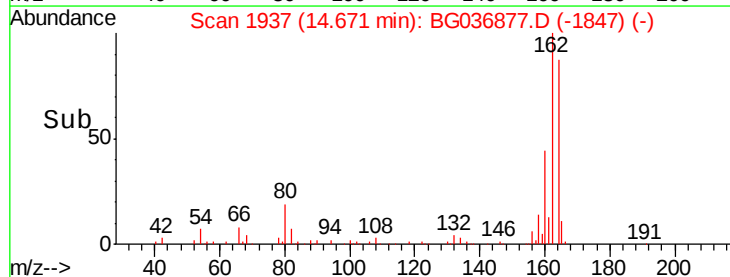
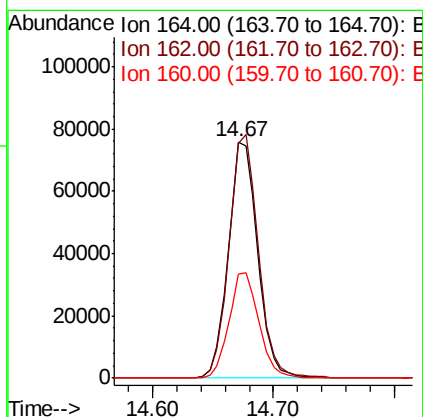
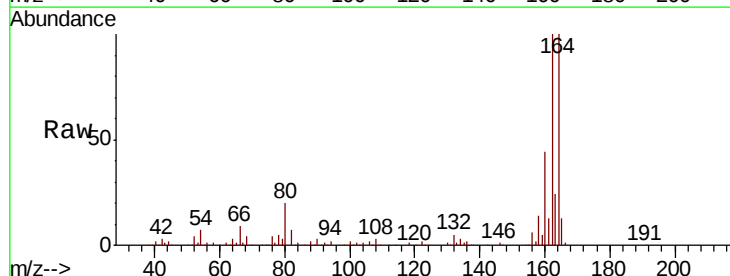
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

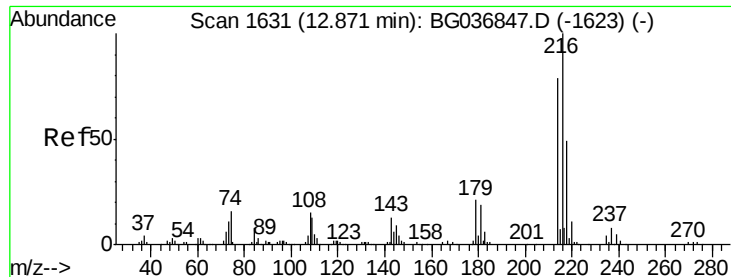
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.5	102.7
115	36.4	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.7	121.1
160	44.0	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.273 ng

RT: 12.87 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

Tgt Ion:216 Resp: 193571

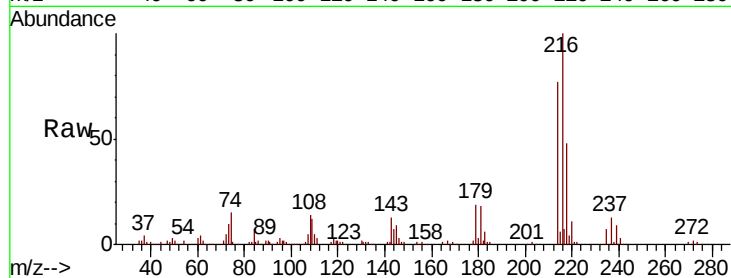
Ion Ratio Lower Upper

216 100

214 76.6 61.0 91.6

179 19.5 15.7 23.5

108 17.2 13.1 19.7

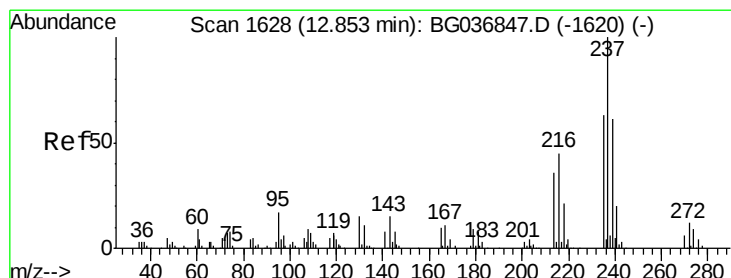
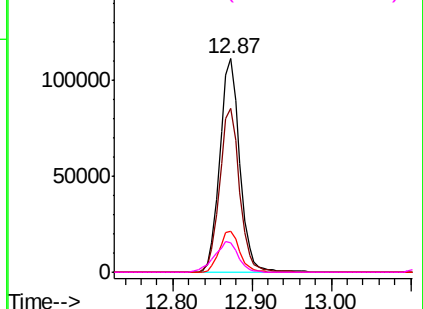
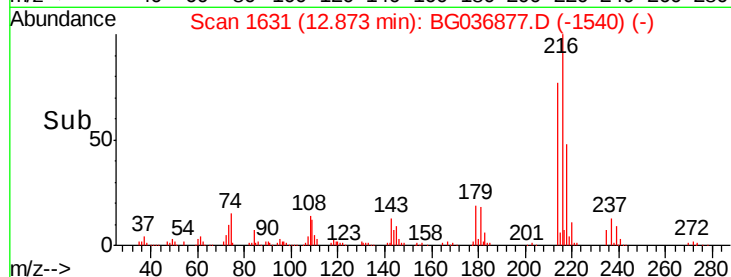


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.610 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

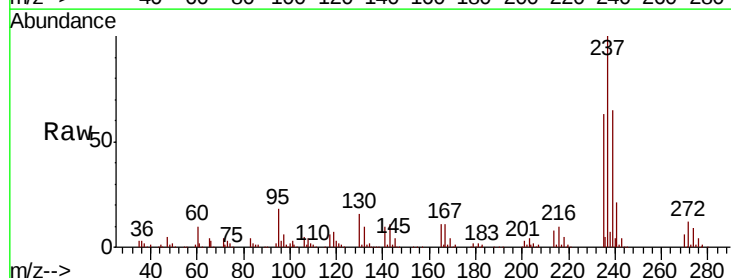
Tgt Ion:237 Resp: 240666

Ion Ratio Lower Upper

237 100

235 63.2 42.2 82.2

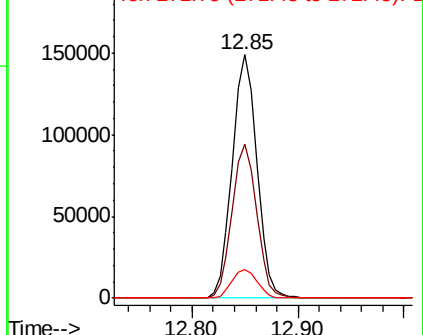
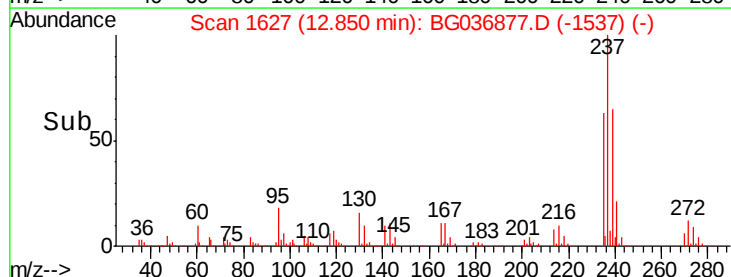
272 11.9 0.0 32.1

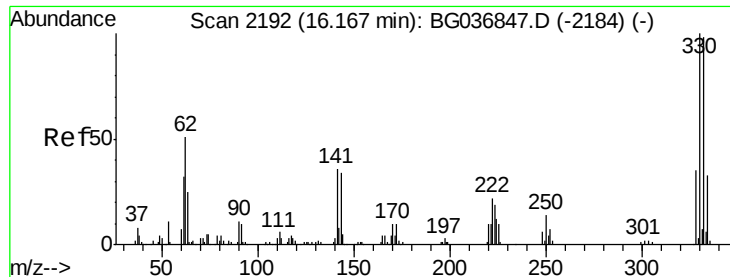


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

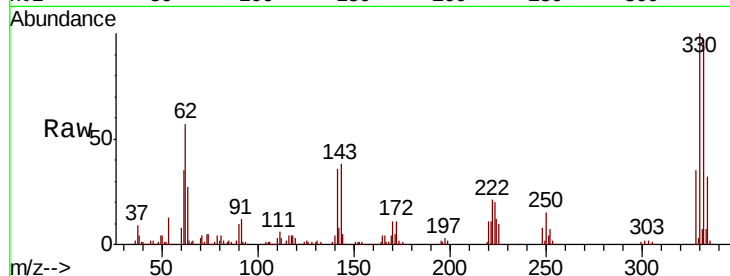




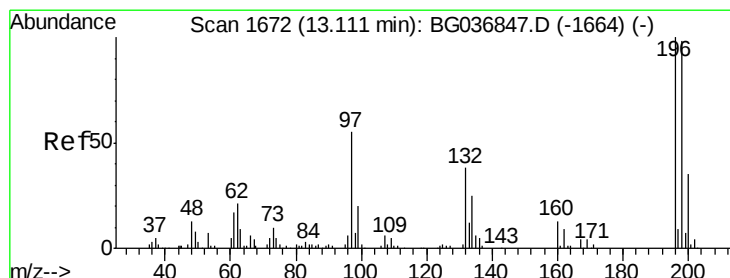
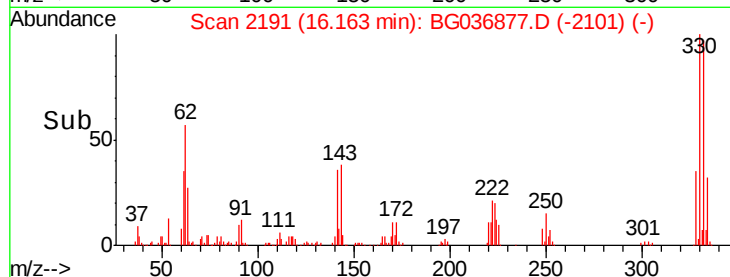
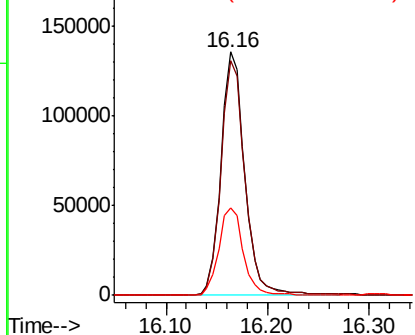
#41
 2,4,6-Tribromophenol
 Concen: 144.290 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion:330 Resp: 221408
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.4 113.2
 141 37.2 30.7 46.1

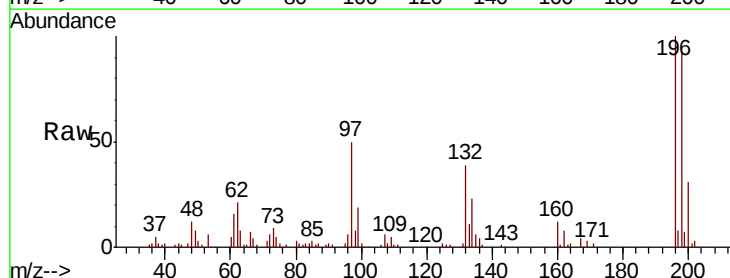


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

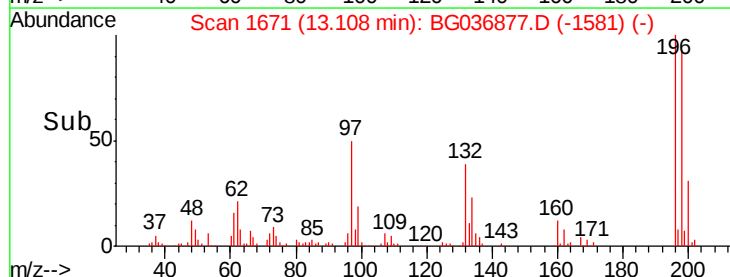
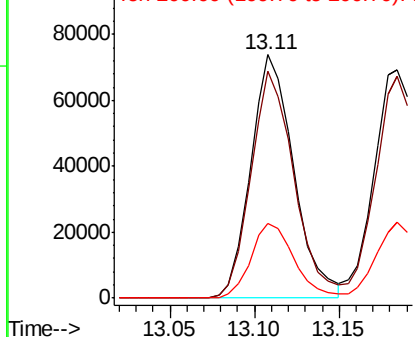


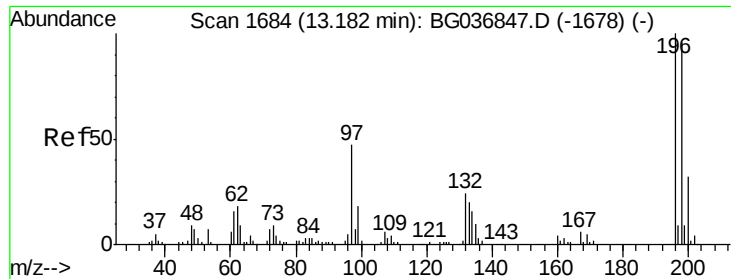
#42
 2,4,6-Trichlorophenol
 Concen: 52.792 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:196 Resp: 131135
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.2 115.8
 200 30.8 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

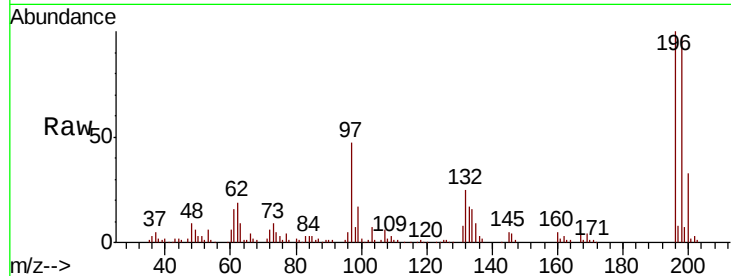




#43
 2,4,5-Trichlorophenol
 Concen: 55.578 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion	Resp	Lower	Upper
196	147211		
198	97.3	75.6	113.4
97	47.2	37.2	55.8
132	25.1	19.4	29.2



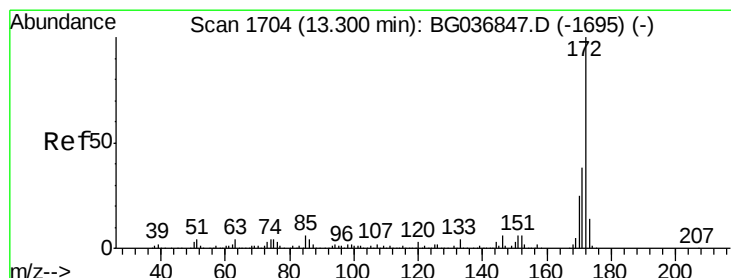
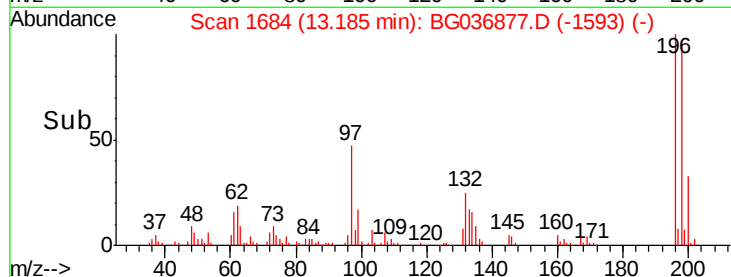
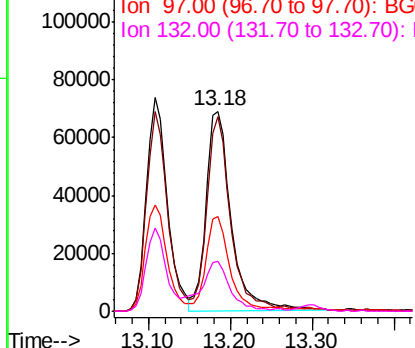
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

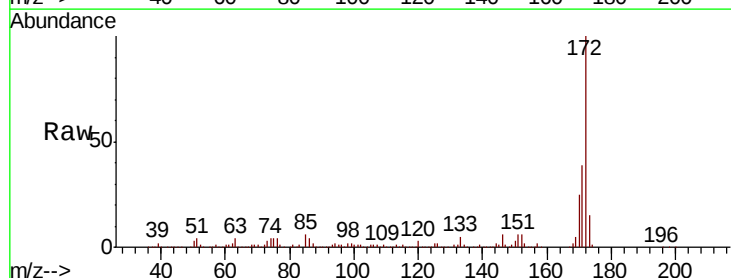
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.310 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Resp	Lower	Upper
172	691556		
171	38.8	31.3	46.9
170	24.8	21.0	31.6

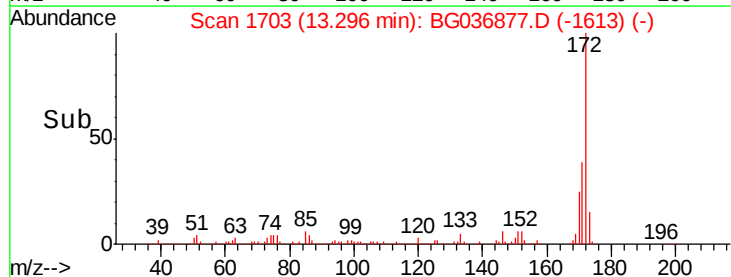
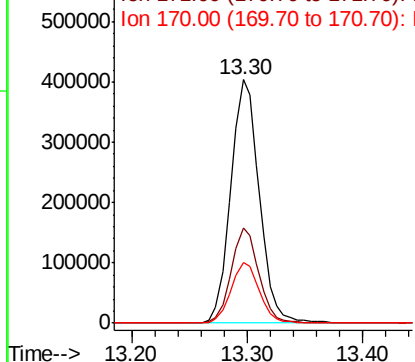


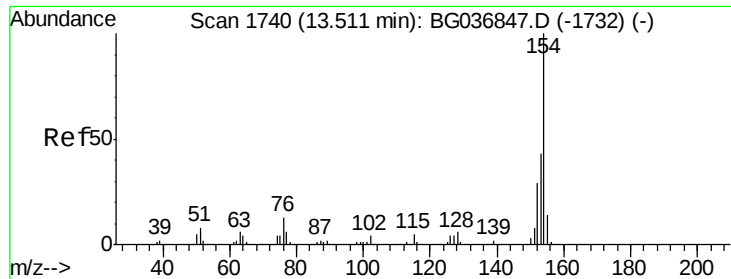
Abundance

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

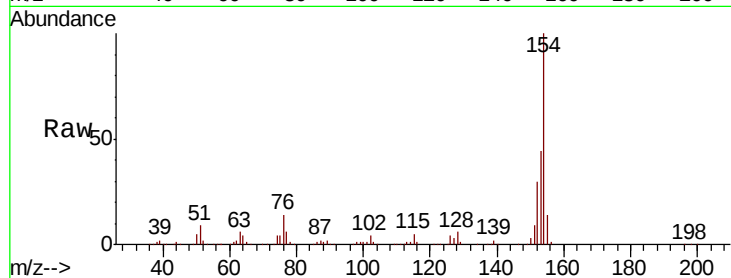




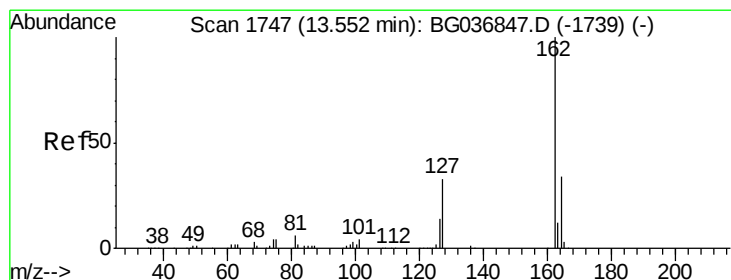
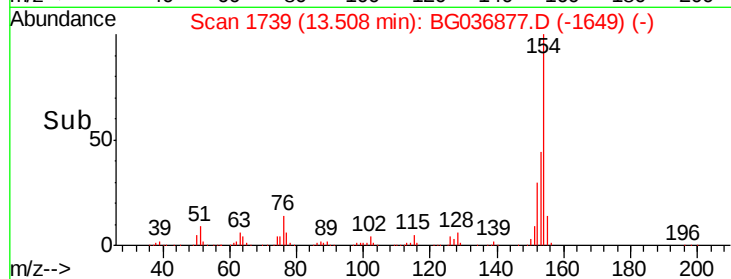
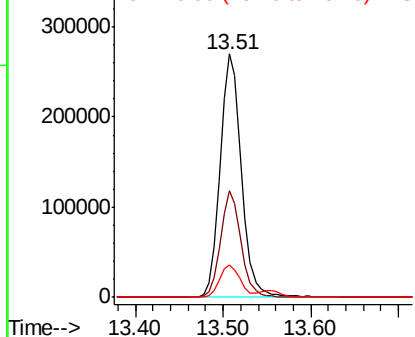
#45
 1,1'-Biphenyl
 Concen: 46.022 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	24.0	64.0
76	13.5	0.0	32.9

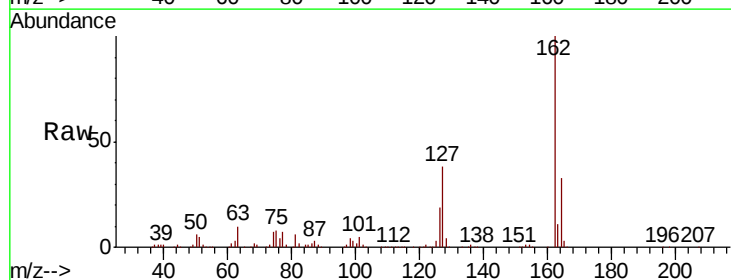


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

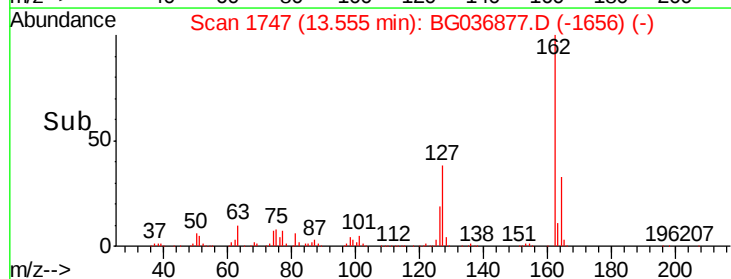
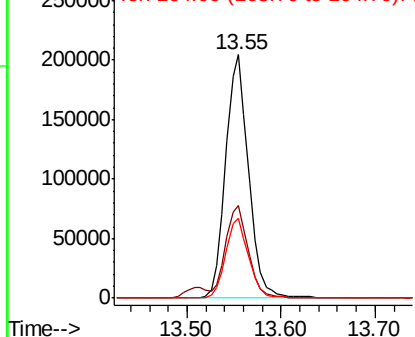


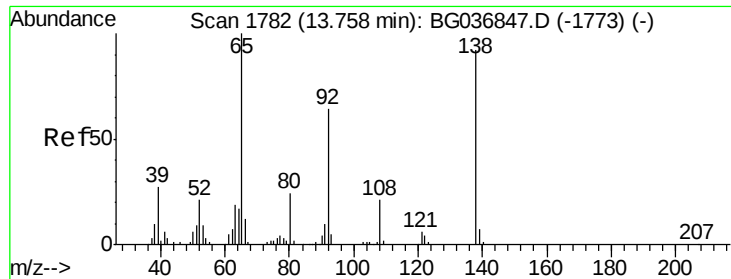
#46
 2-Chloronaphthalene
 Concen: 44.806 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.7	46.1
164	32.9	26.7	40.1



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

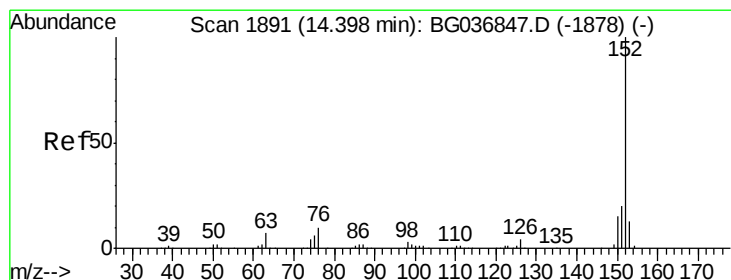
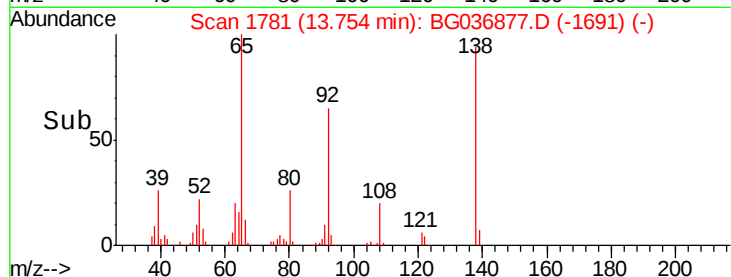
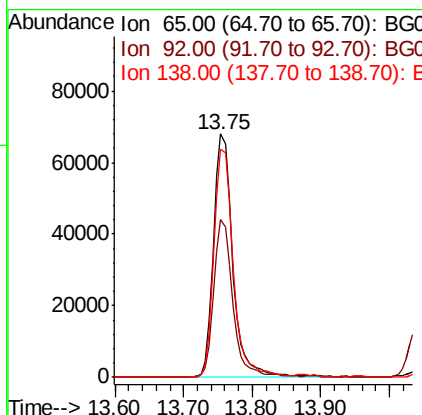
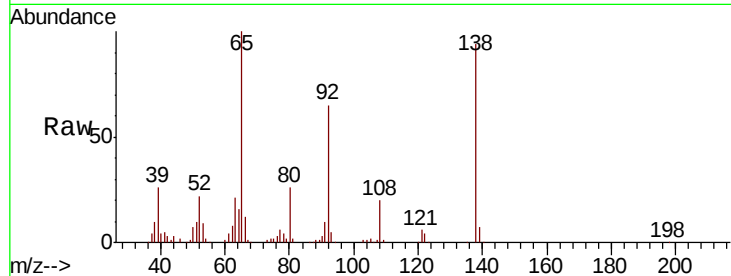




#47
2-Nitroaniline
Concen: 49.616 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

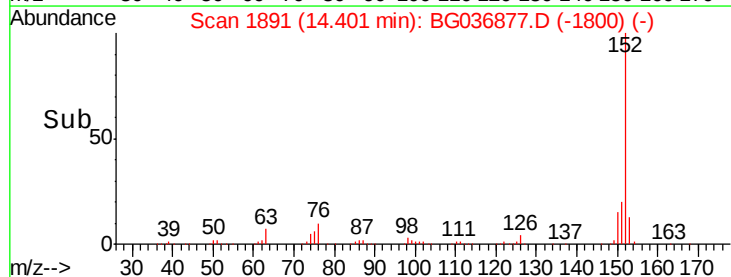
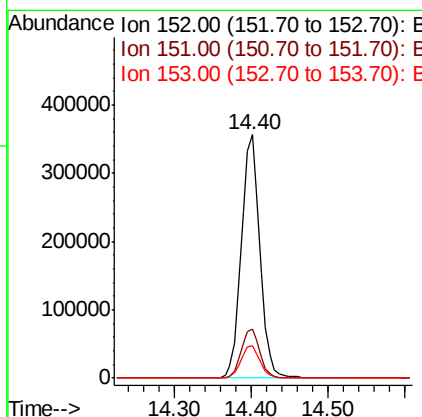
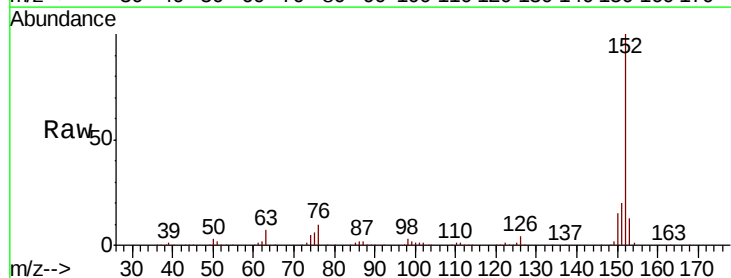
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

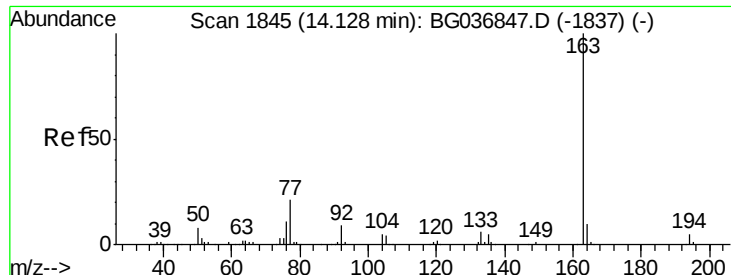
Tgt Ion: 65 Resp: 132561
Ion Ratio Lower Upper
65 100
92 65.0 49.9 74.9
138 93.8 76.2 114.4



#48
Acenaphthylene
Concen: 49.956 ng
RT: 14.40 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion: 152 Resp: 604681
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.4 11.2 16.8





#49

Dimethylphthalate

Concen: 49.151 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

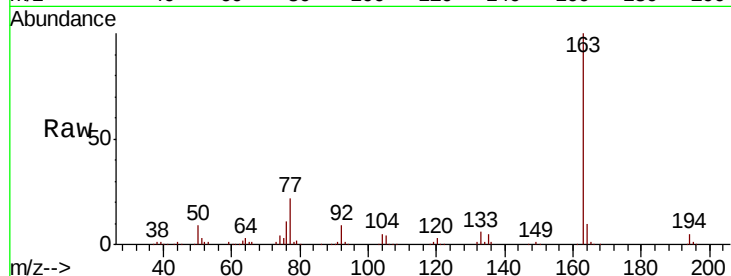
Tgt Ion:163 Resp: 507406

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

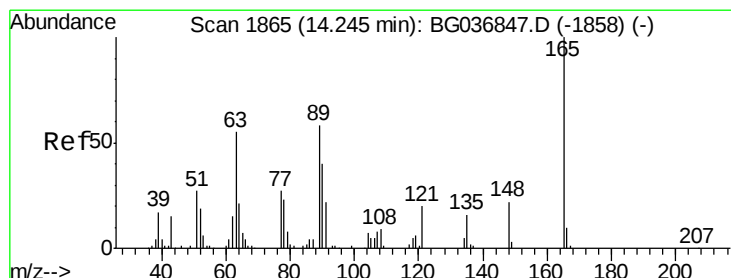
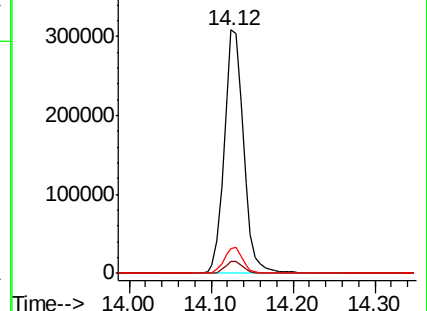
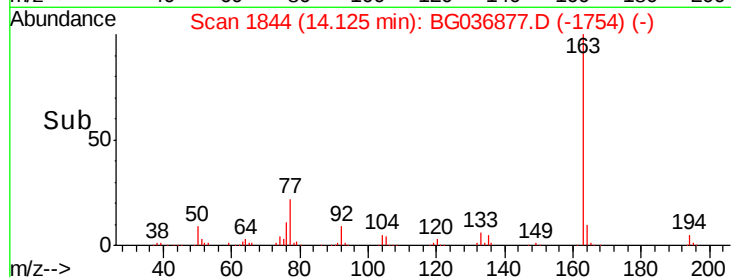
164 10.4 8.1 12.1



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: 49.619 ng

RT: 14.25 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

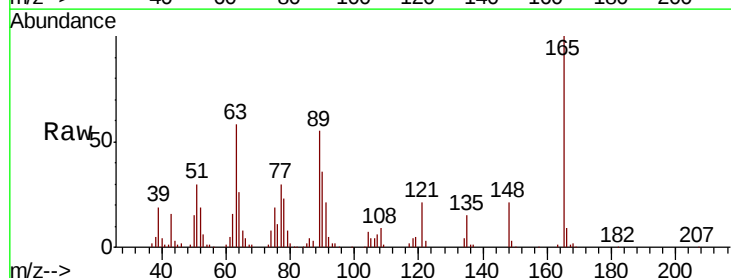
Tgt Ion:165 Resp: 111763

Ion Ratio Lower Upper

165 100

63 58.4 50.1 75.1

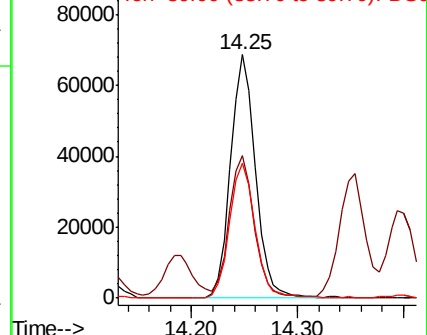
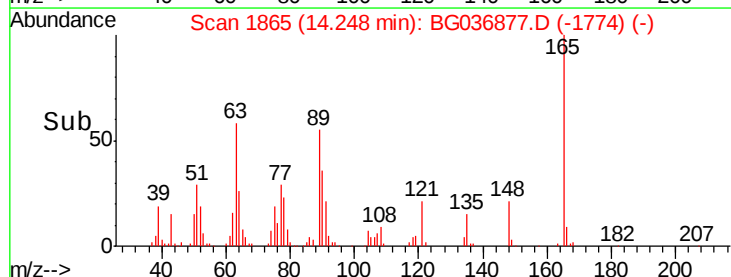
89 55.4 47.8 71.6

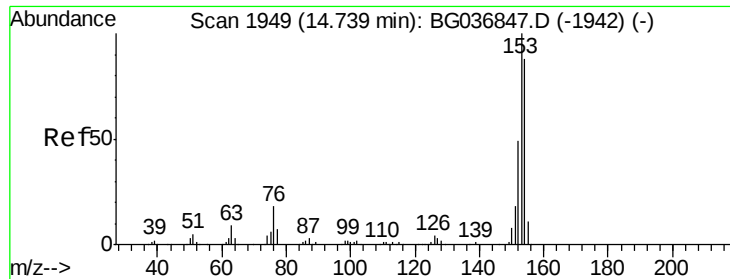


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.864 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

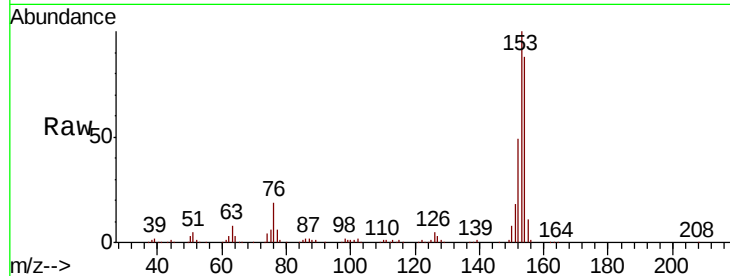
Tgt Ion:154 Resp: 350150

Ion Ratio Lower Upper

154 100

153 113.7 91.8 137.6

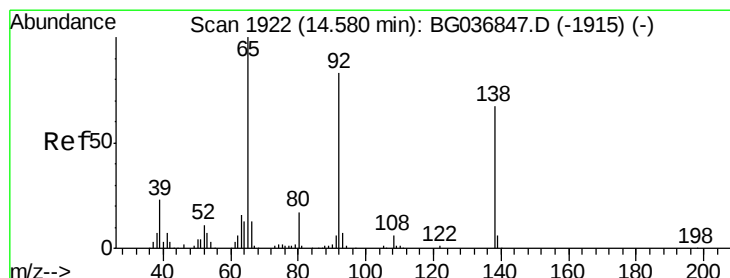
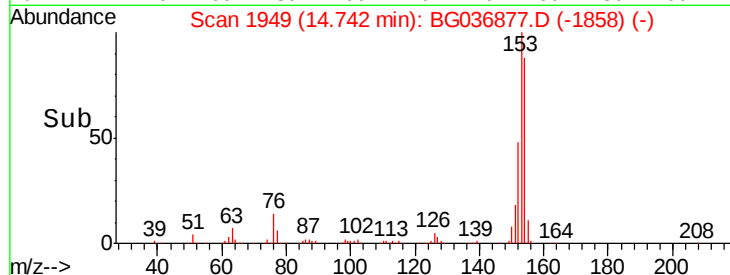
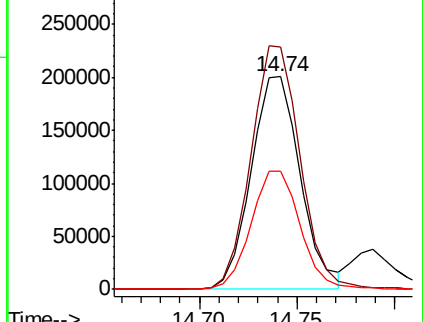
152 55.4 43.5 65.3



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: 12.574 ng

RT: 14.58 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

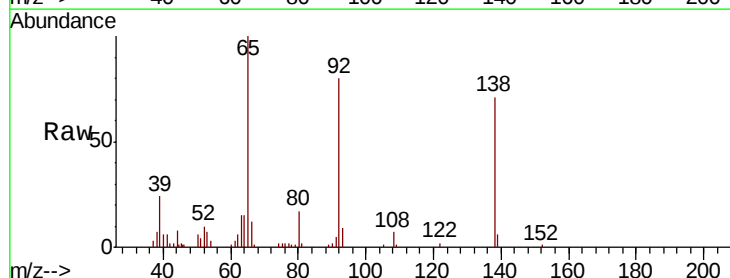
Tgt Ion:138 Resp: 29843

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.2

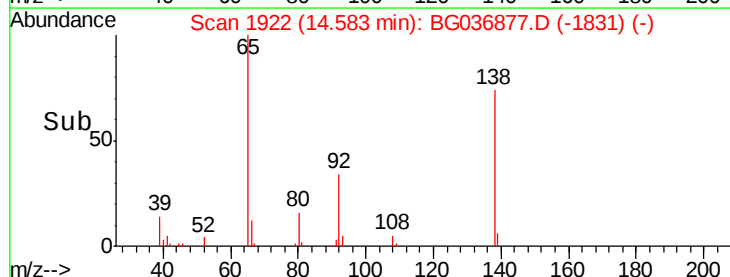
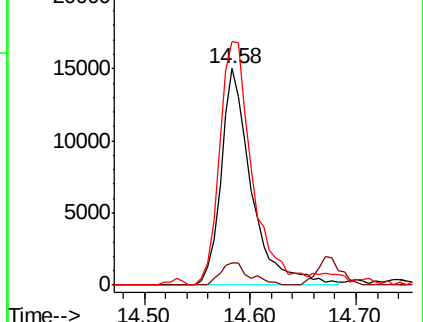
92 112.4 96.8 145.2

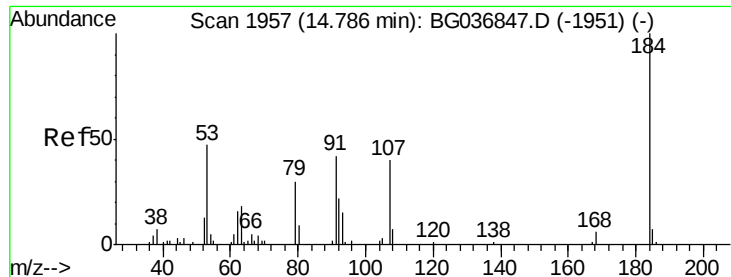


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

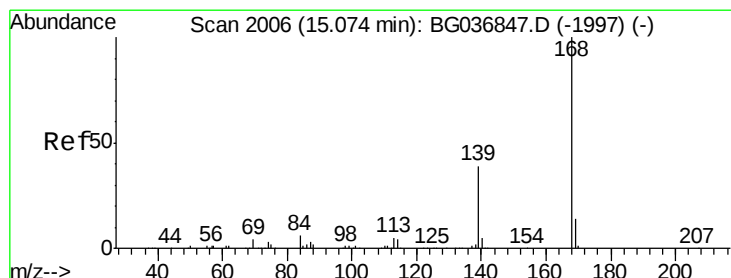
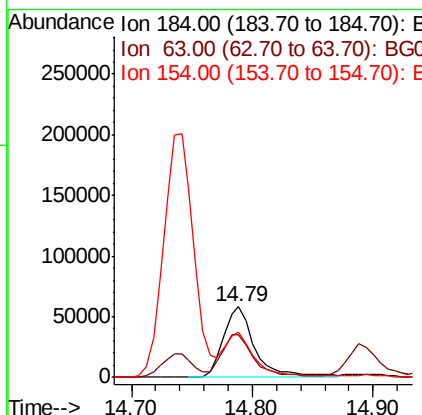
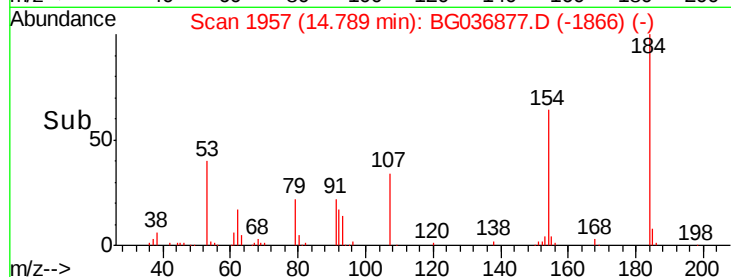
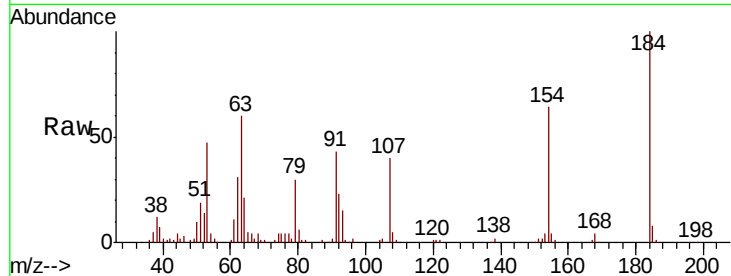




#53
2,4-Dinitrophenol
Concen: 97.695 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

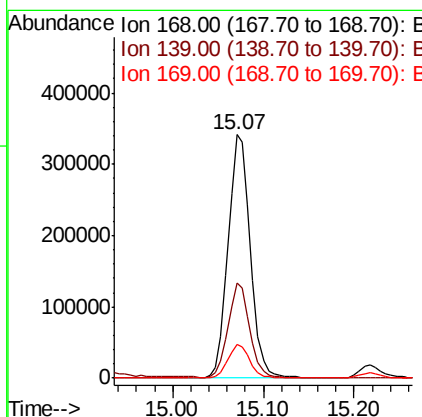
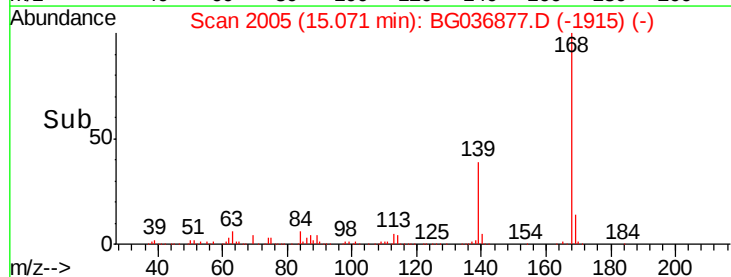
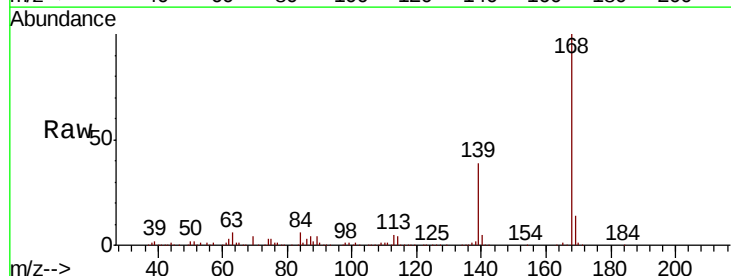
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

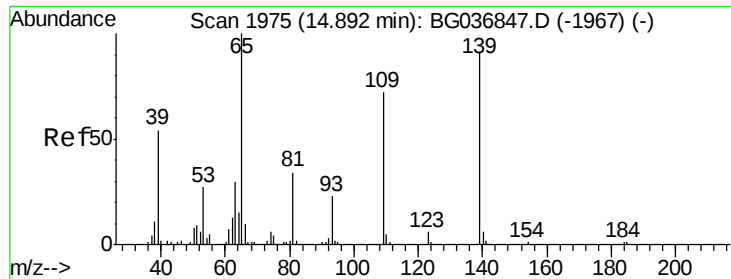
Tgt Ion:184 Resp: 105101
Ion Ratio Lower Upper
184 100
63 60.4 47.3 70.9
154 64.4 51.1 76.7



#54
Dibenzofuran
Concen: 46.978 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:168 Resp: 581307
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.6
169 13.7 11.1 16.7

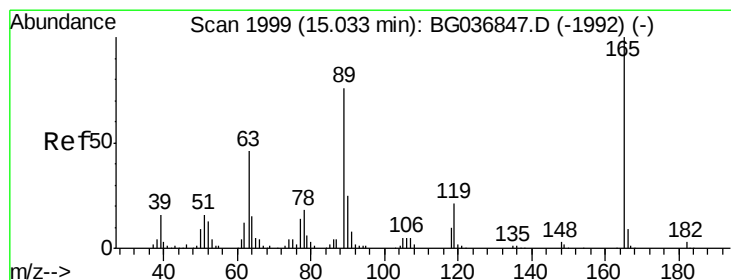
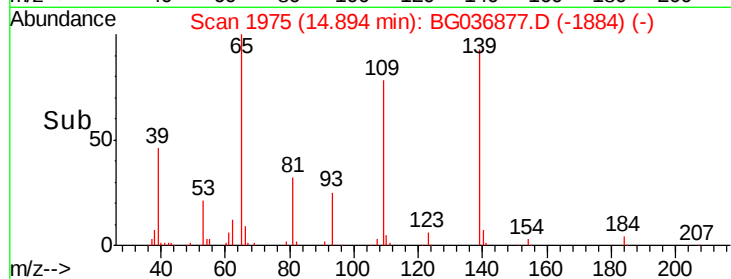
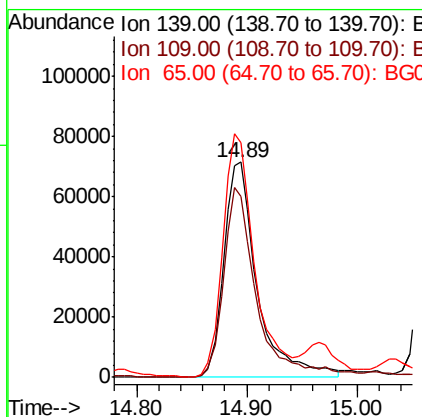
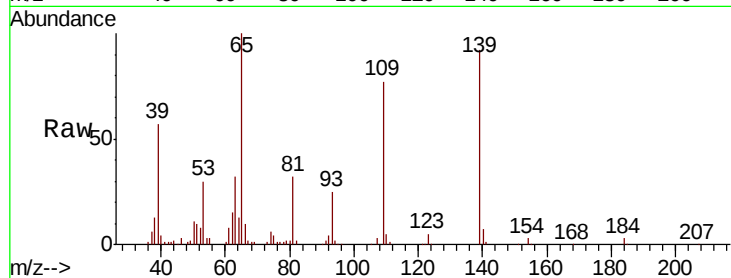




#55
4-Nitrophenol
Concen: 99.823 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

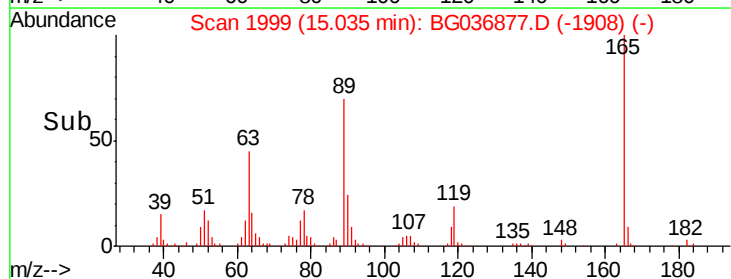
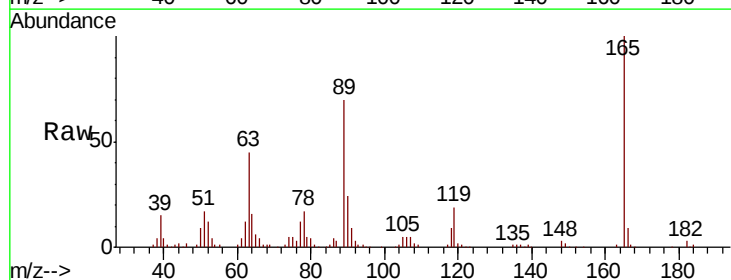
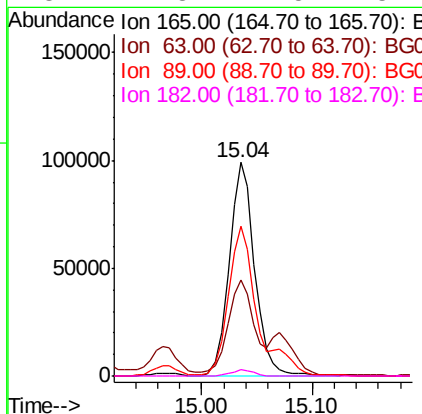
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

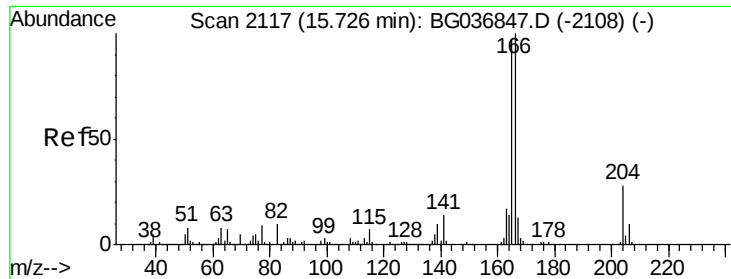
Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.8	63.9	103.9
65	109.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 50.267 ng
RT: 15.04 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.2	40.1	60.1
89	70.4	63.7	95.5
182	2.8	2.5	3.7





#57

Fluorene

Concen: 51.258 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

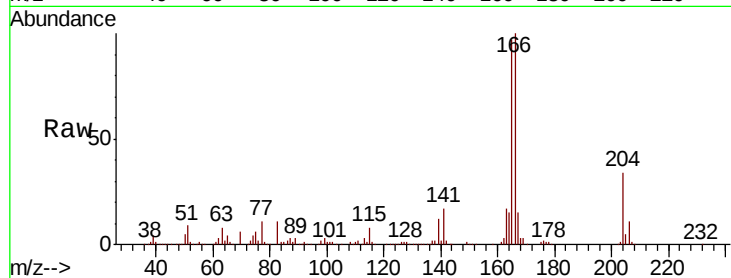
Tgt Ion:166 Resp: 474075

Ion Ratio Lower Upper

166 100

165 96.9 77.0 115.4

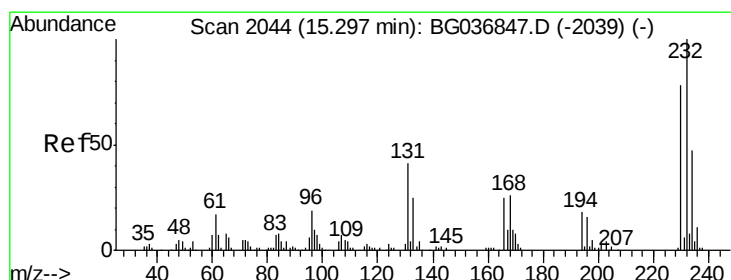
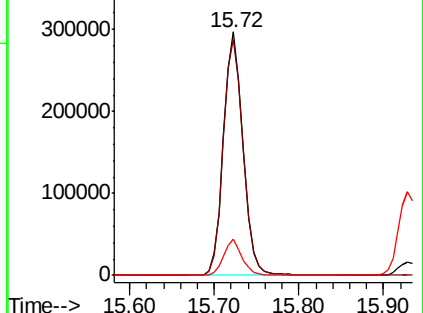
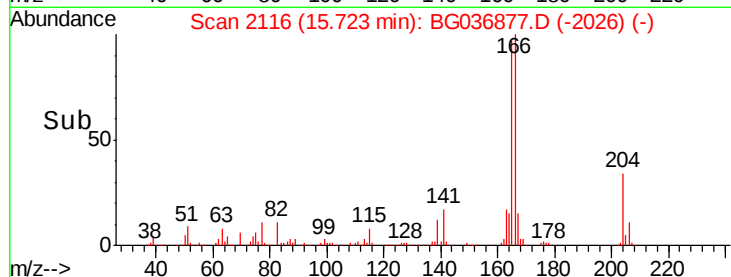
167 14.8 10.6 16.0



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: 55.196 ng

RT: 15.30 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:232 Resp: 148310

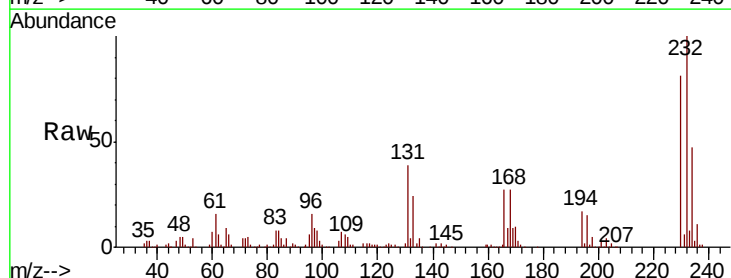
Ion Ratio Lower Upper

232 100

131 38.4 33.8 50.8

130 2.3 2.1 3.1

166 27.7 22.3 33.5

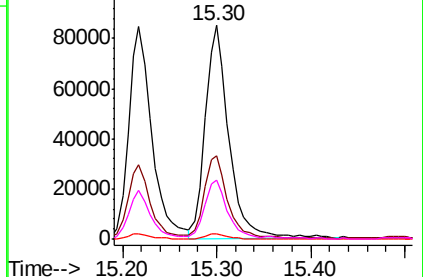
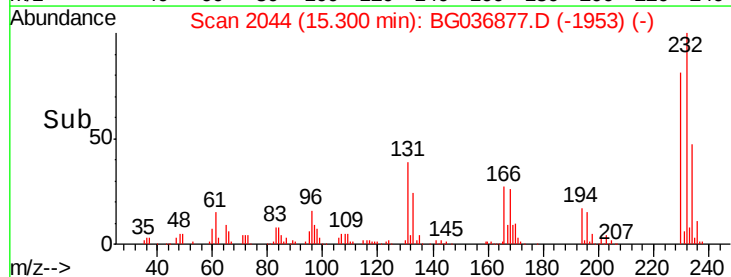


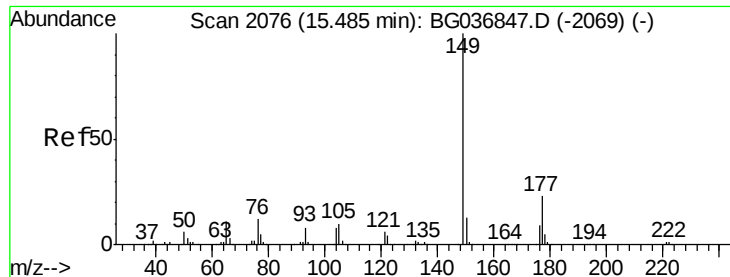
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.359 ng

RT: 15.49 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

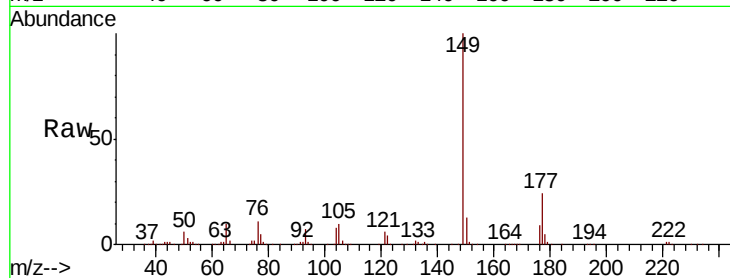
Tgt Ion:149 Resp: 503532

Ion Ratio Lower Upper

149 100

177 23.7 19.1 28.7

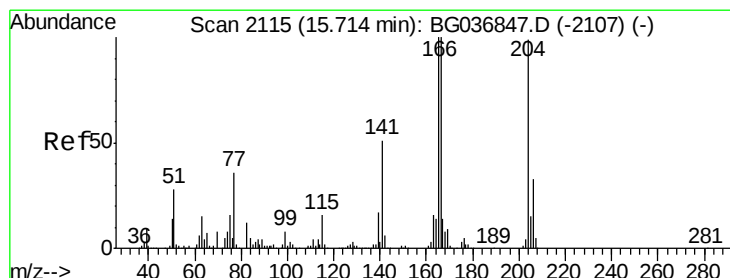
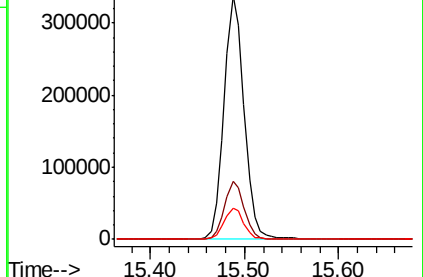
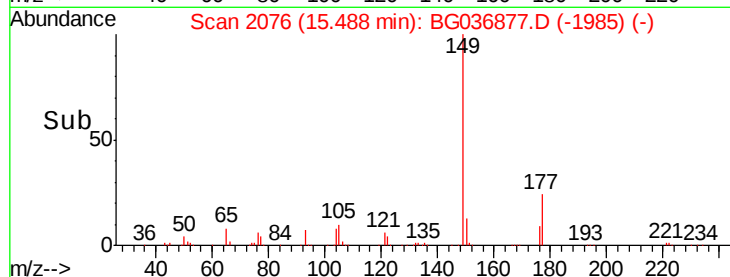
150 12.7 10.7 16.1



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: 45.905 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

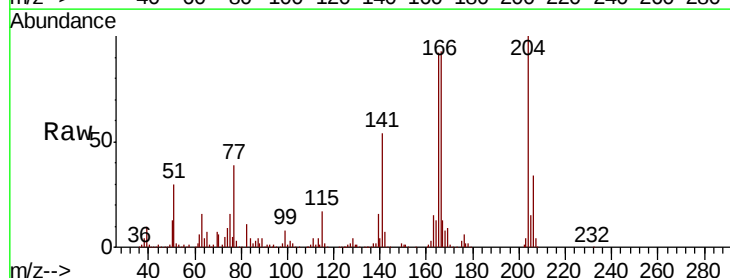
Tgt Ion:204 Resp: 268873

Ion Ratio Lower Upper

204 100

206 33.8 27.0 40.4

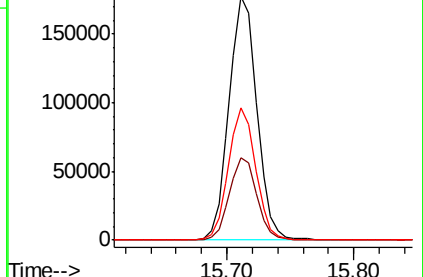
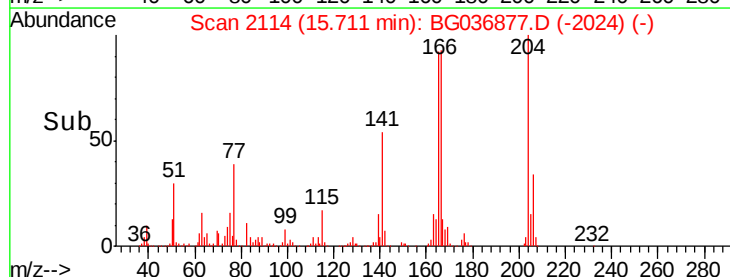
141 54.1 43.8 65.6

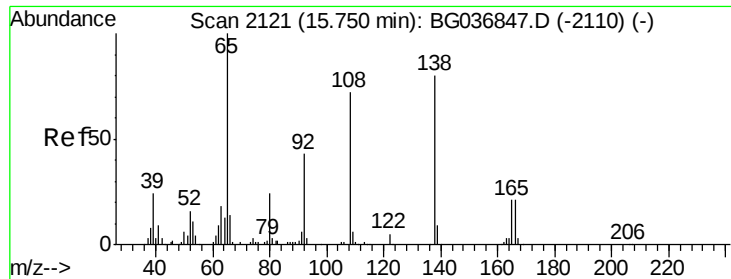


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

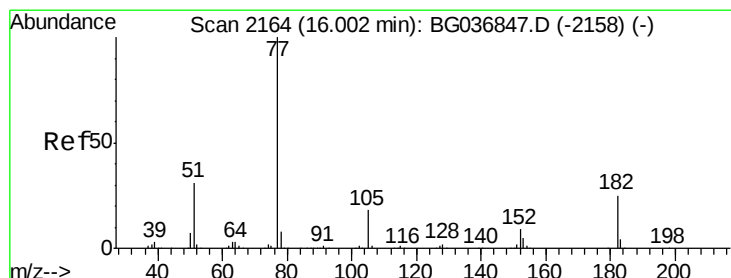
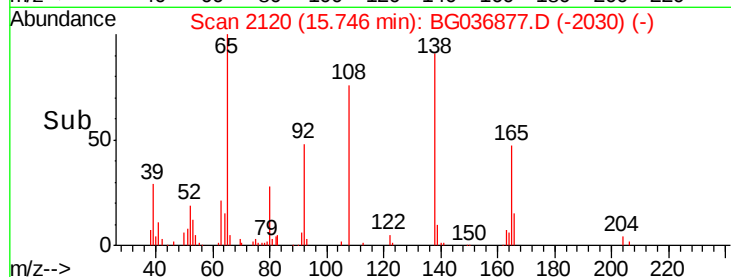
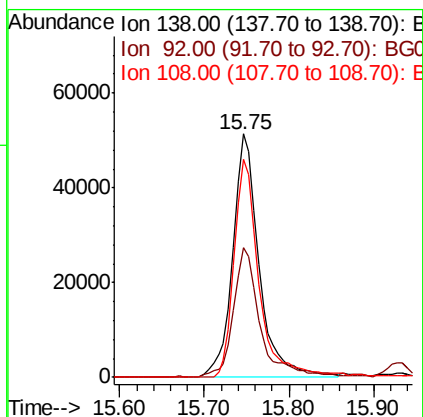
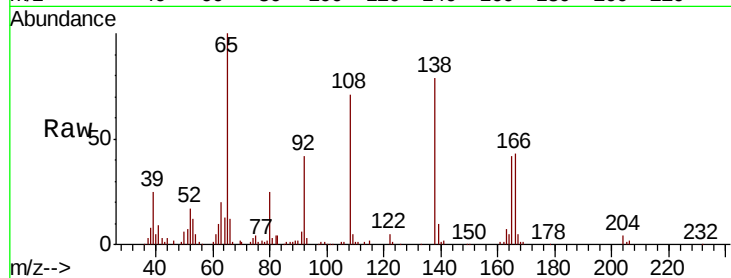




#61
4-Nitroaniline
Concen: 44.211 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

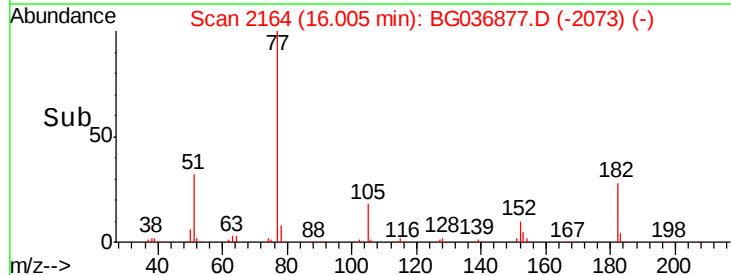
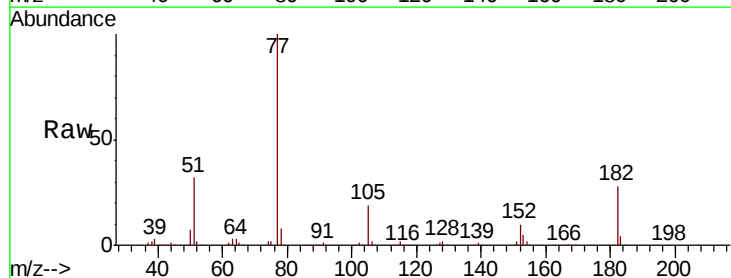
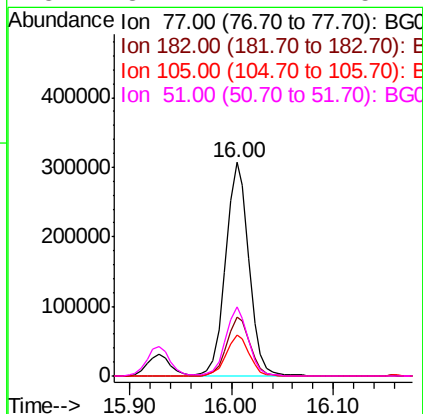
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

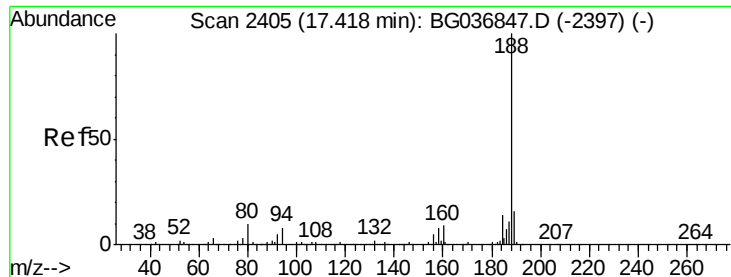
Tgt Ion: 138 Resp: 110377
Ion Ratio Lower Upper
138 100
92 53.4 38.5 78.5
108 89.6 70.3 110.3



#62
Azobenzene
Concen: 48.737 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion: 77 Resp: 487599
Ion Ratio Lower Upper
77 100
182 27.6 6.7 46.7
105 19.4 0.0 39.8
51 32.4 12.4 52.4

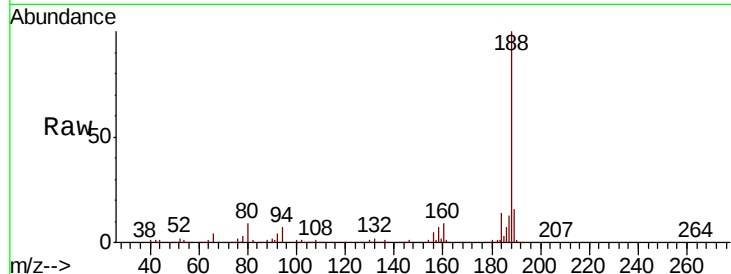




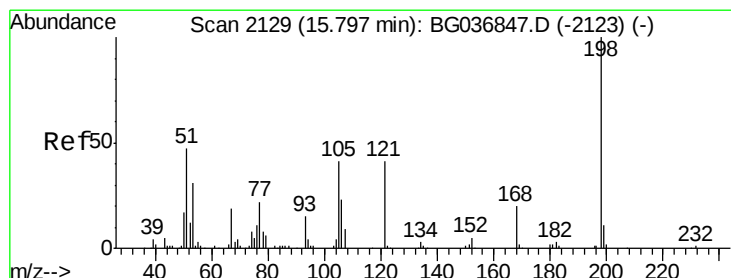
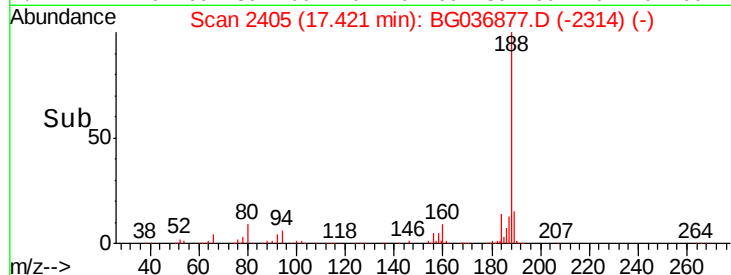
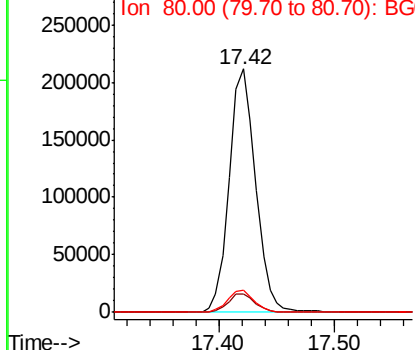
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tgt Ion:188 Resp: 336490
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.0 8.1 12.1

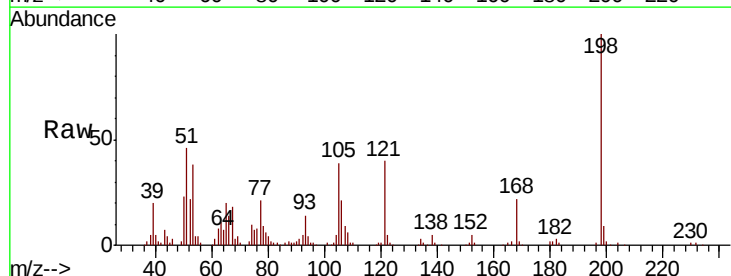


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

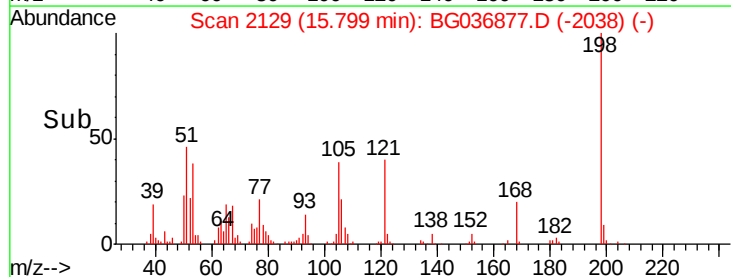
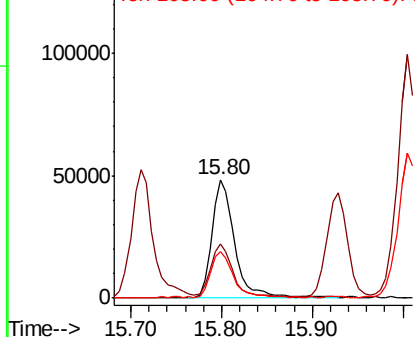


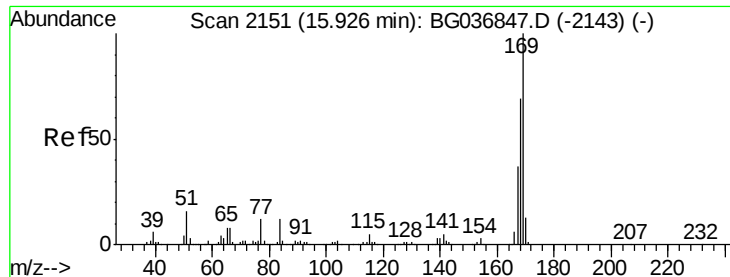
#64
4,6-Dinitro-2-methylphenol
Concen: 47.942 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:198 Resp: 84341
Ion Ratio Lower Upper
198 100
51 46.1 26.5 66.5
105 39.2 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

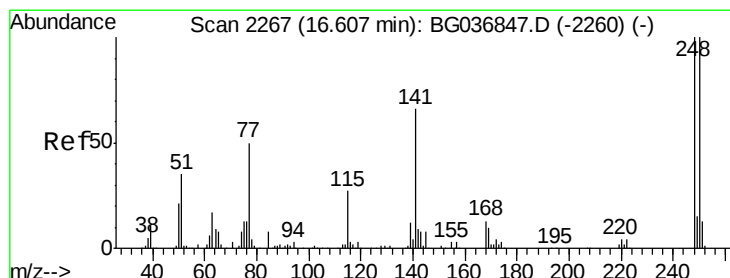
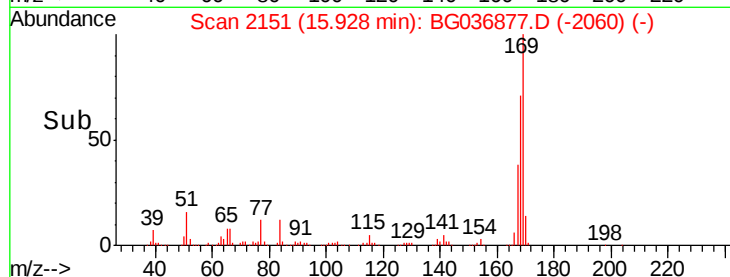
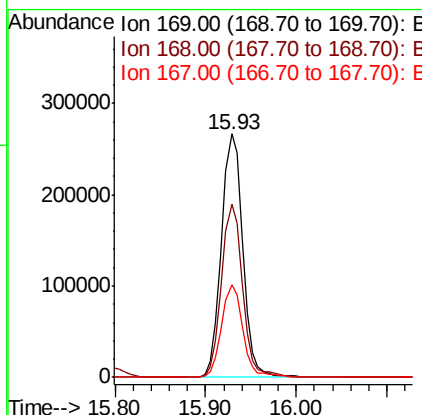
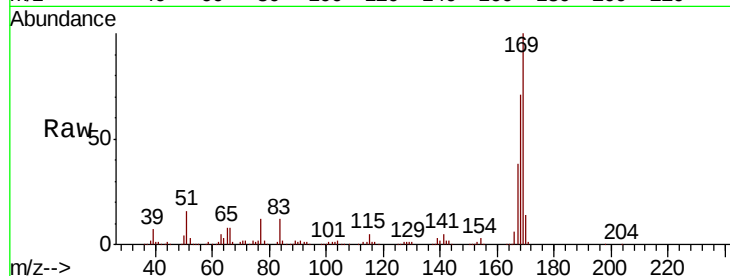




#65
 n-Nitrosodiphenylamine
 Concen: 46.836 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

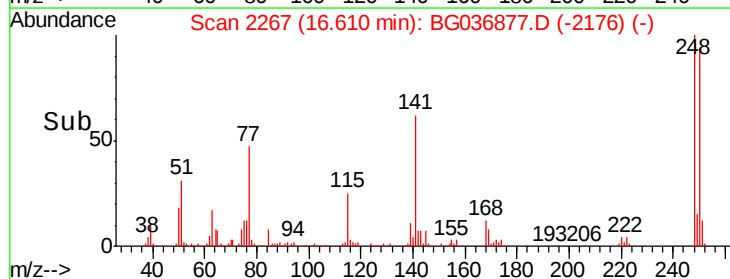
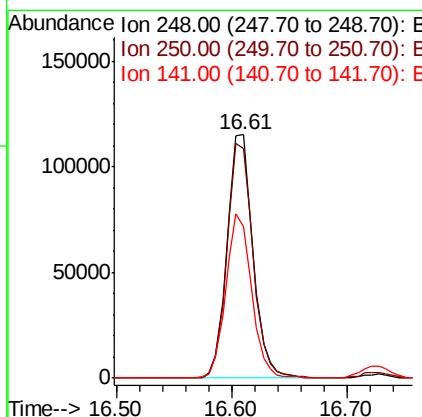
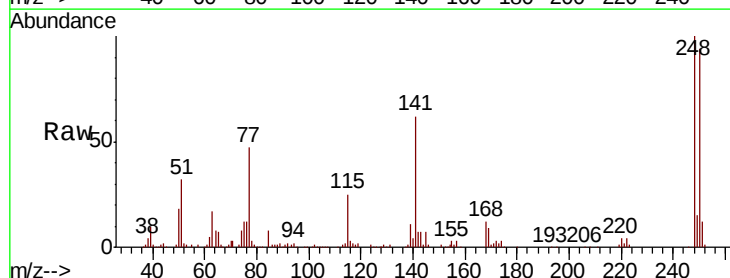
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

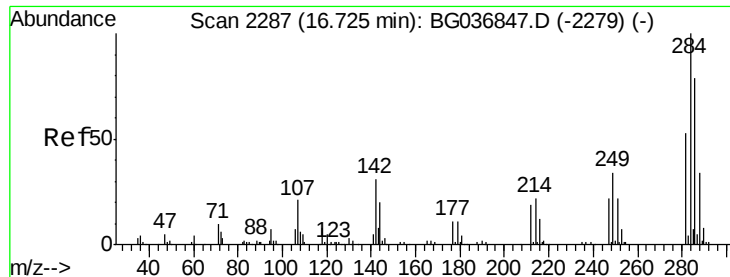
Tgt Ion:169 Resp: 435085
 Ion Ratio Lower Upper
 169 100
 168 71.0 57.6 86.4
 167 38.1 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 46.907 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:248 Resp: 179530
 Ion Ratio Lower Upper
 248 100
 250 94.4 78.1 117.1
 141 62.4 53.7 80.5

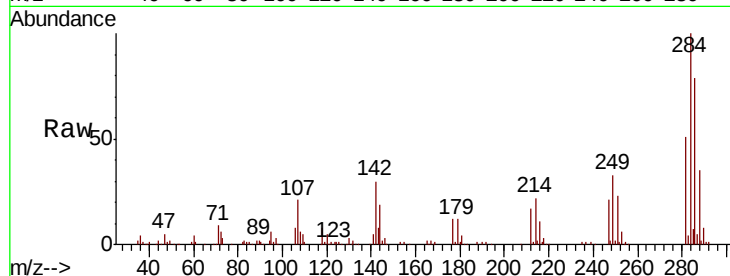




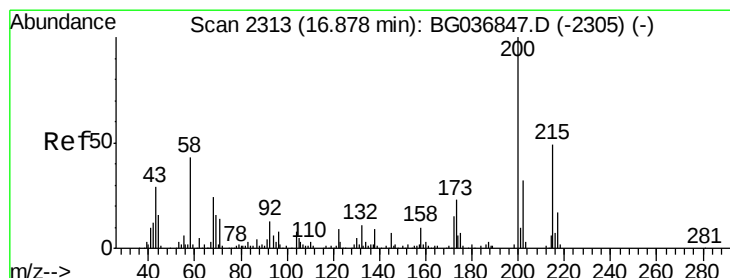
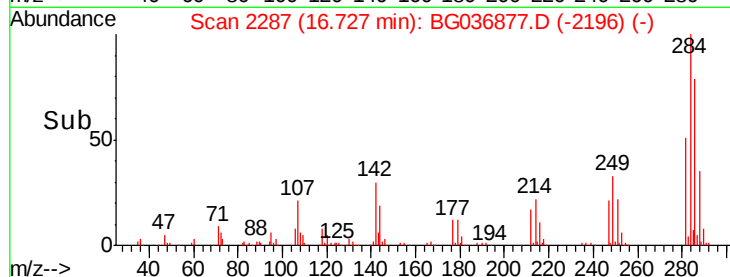
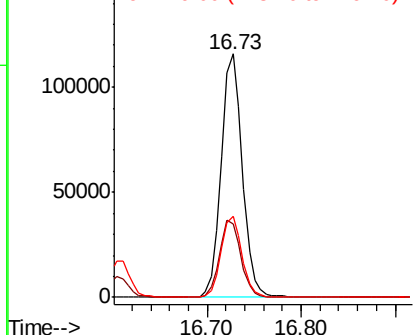
#67
Hexachlorobenzene
Concen: 46.273 ng
RT: 16.73 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	27.8	41.6
249	33.1	27.4	41.2

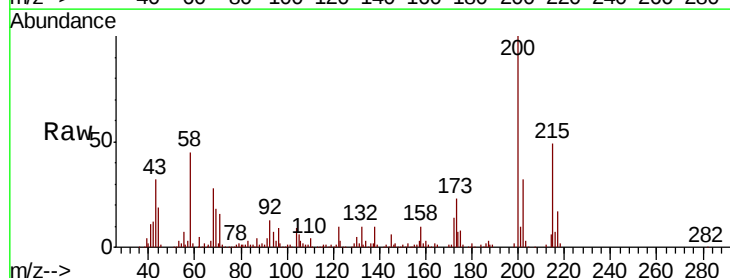


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

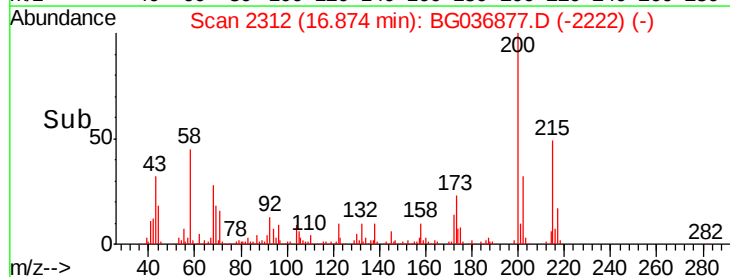
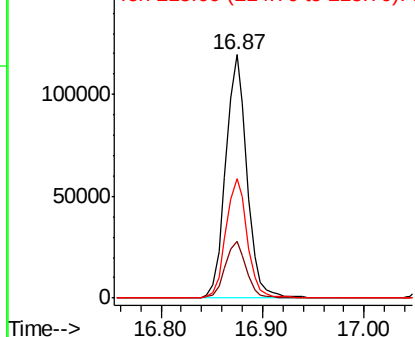


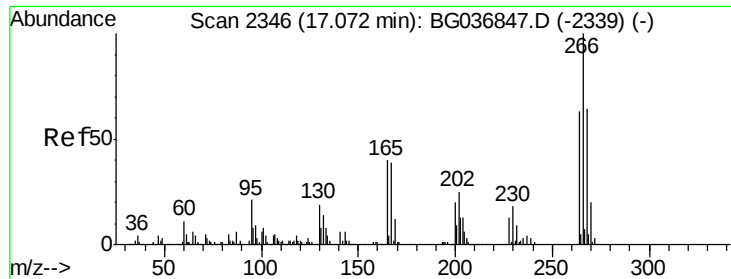
#68
Atrazine
Concen: 46.149 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	3.9	43.9
215	49.0	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

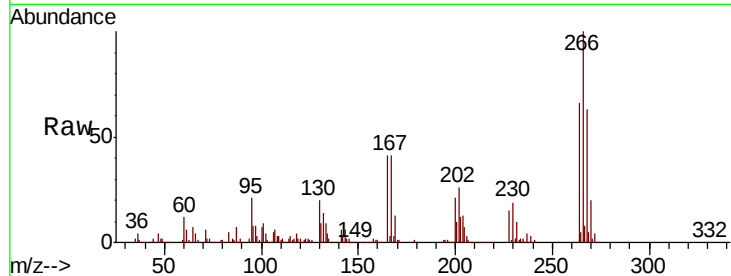




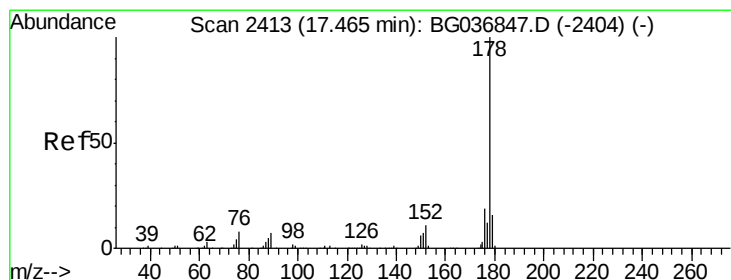
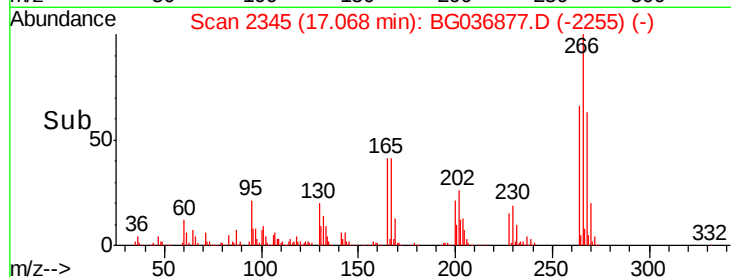
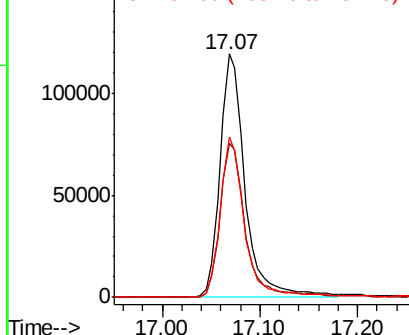
#69
 Pentachlorophenol
 Concen: 85.649 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.4	77.2
264	66.0	48.9	73.3

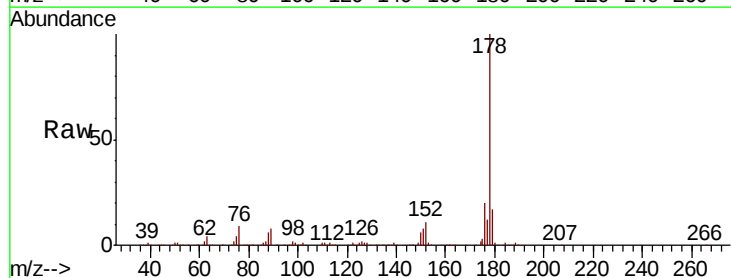


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

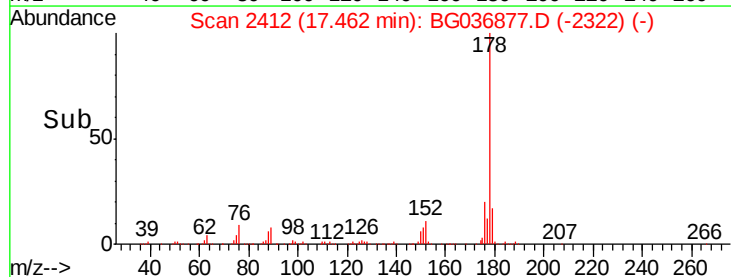
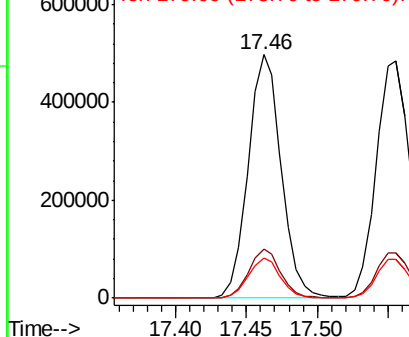


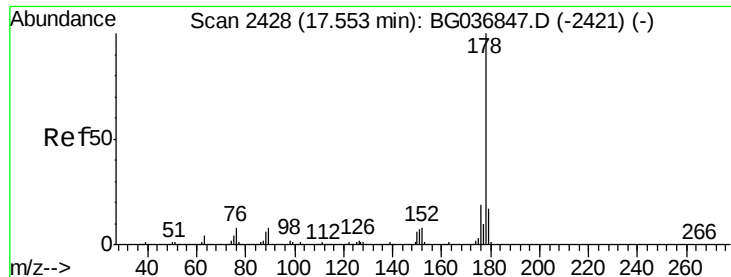
#70
 Phenanthrene
 Concen: 50.374 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

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

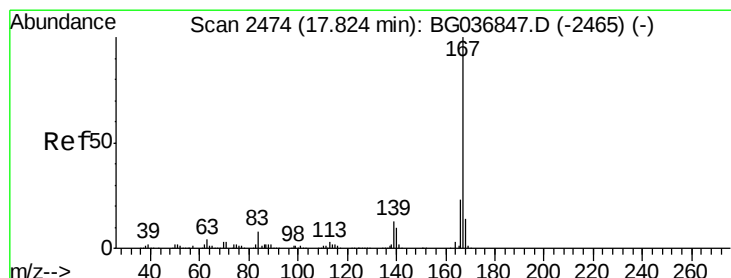
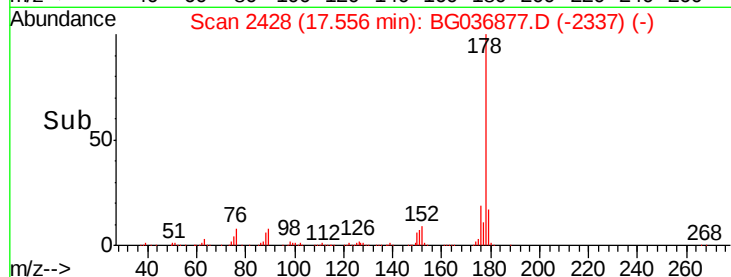
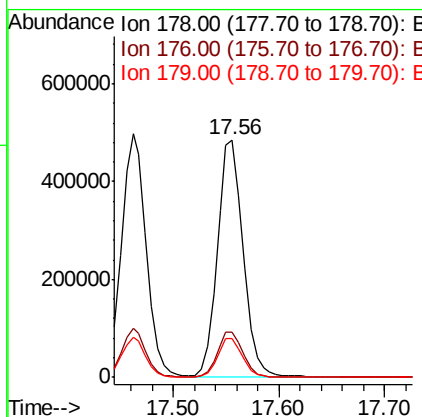
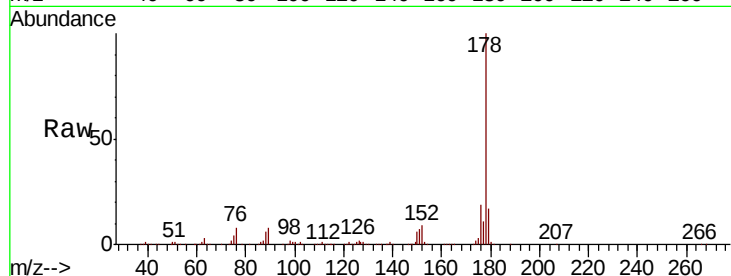




#71
 Anthracene
 Concen: 51.338 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

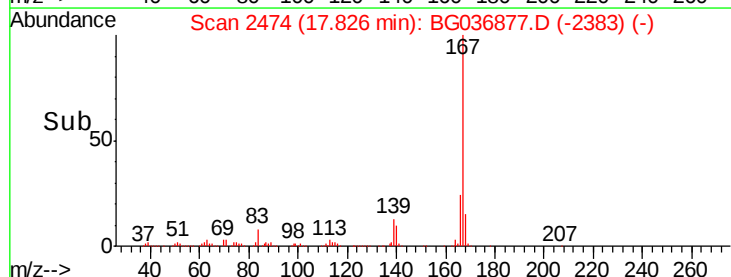
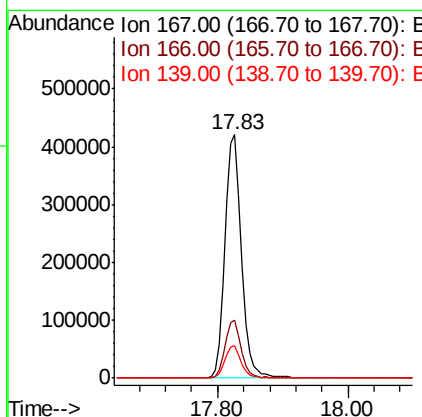
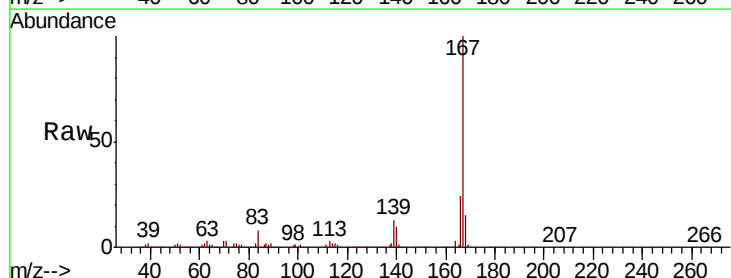
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

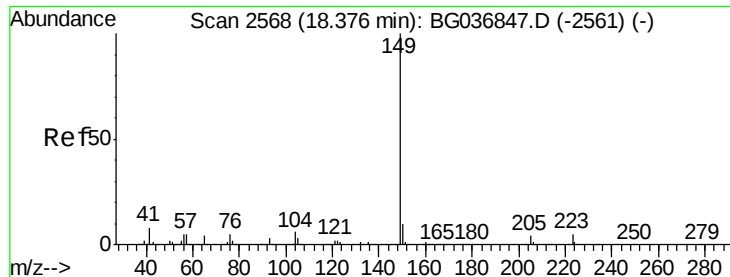
Tgt Ion:178 Resp: 823151
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 47.299 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:167 Resp: 739427
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.2 10.7 16.1

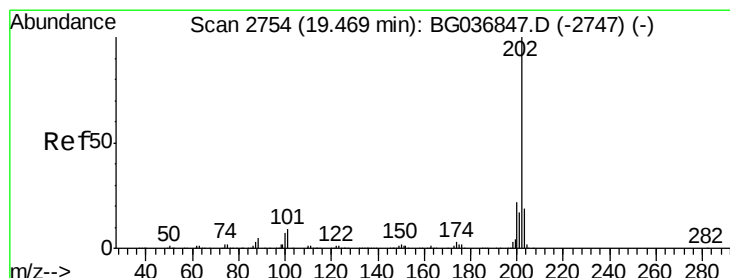
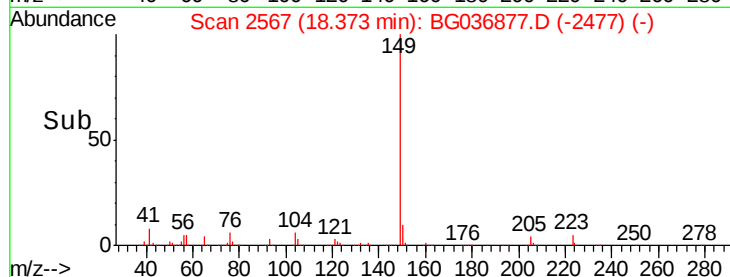
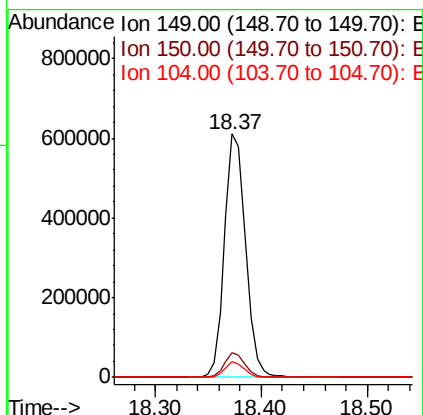
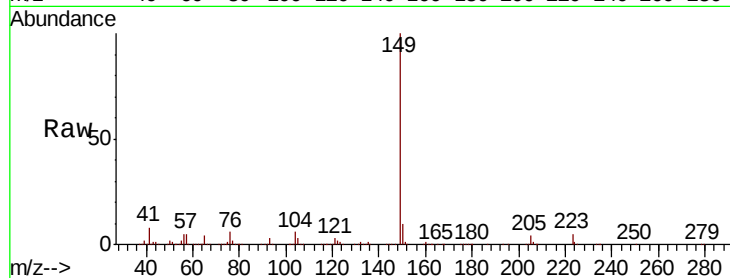




#73
Di-n-butylphthalate
Concen: 48.802 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

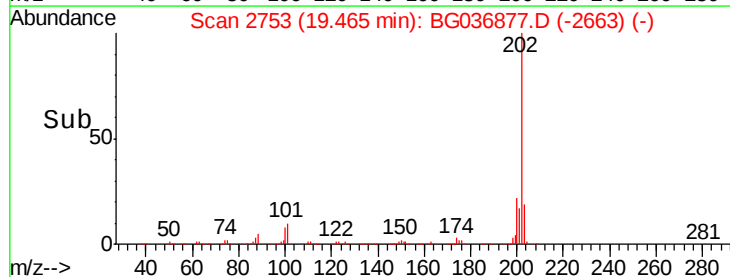
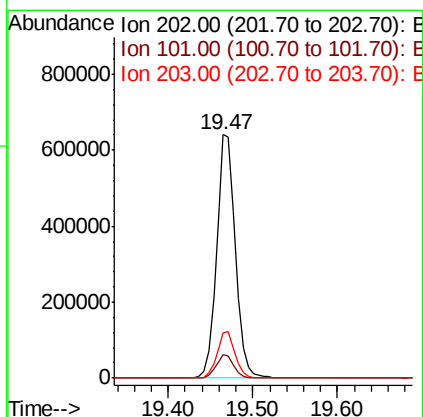
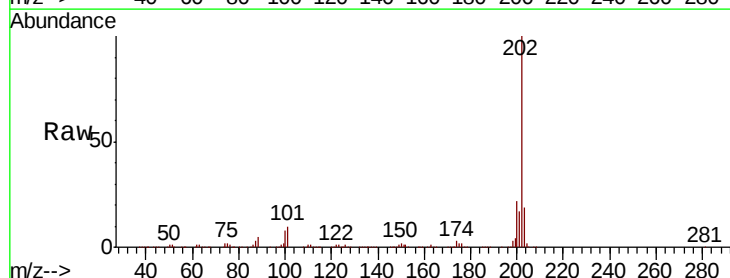
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

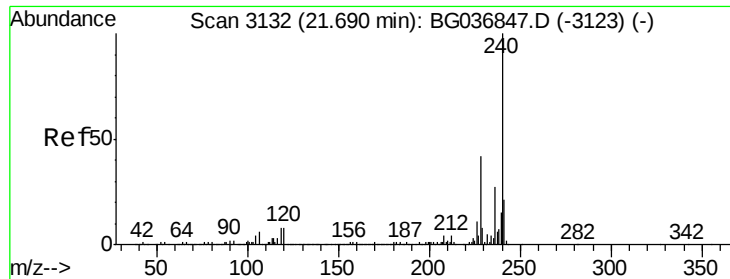
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	6.2	4.6	6.8



#74
Fluoranthene
Concen: 50.924 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.4
203	18.8	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: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

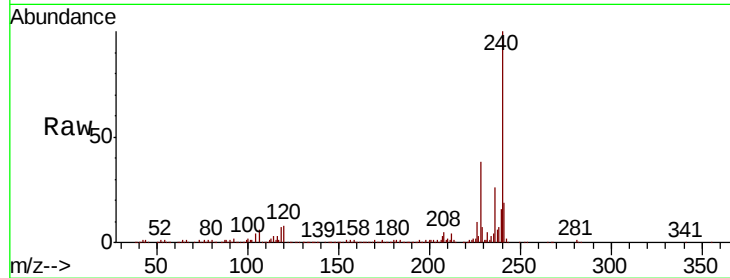
Tgt Ion:240 Resp: 337513

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

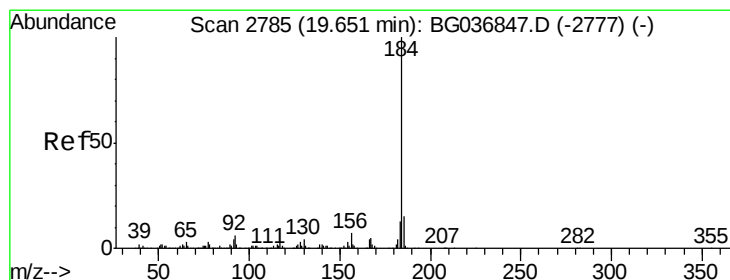
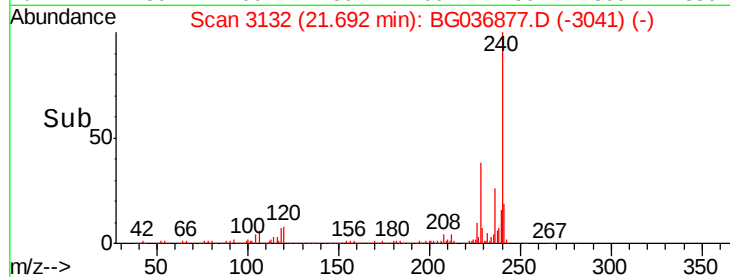
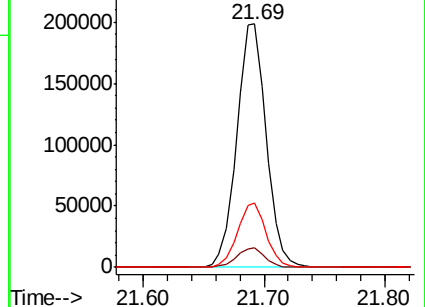
236 26.3 21.2 31.8



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: 9.882 ng

RT: 19.67 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

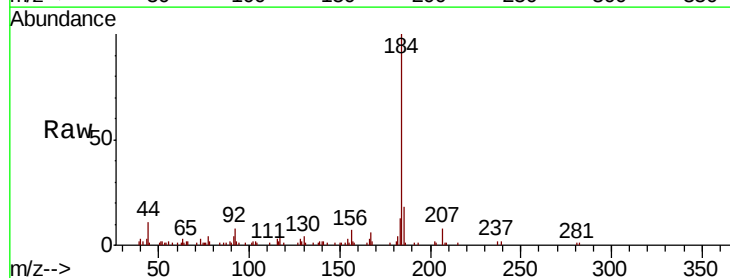
Tgt Ion:184 Resp: 100821

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

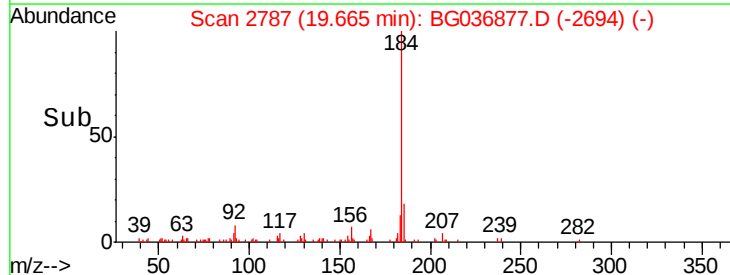
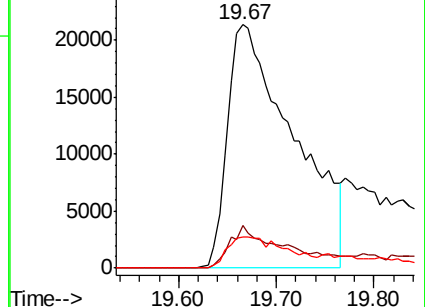
183 13.0 10.9 16.3

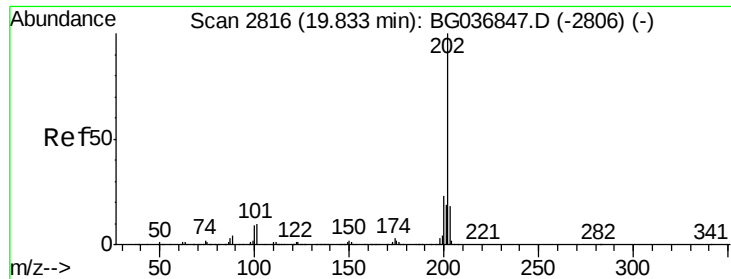


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

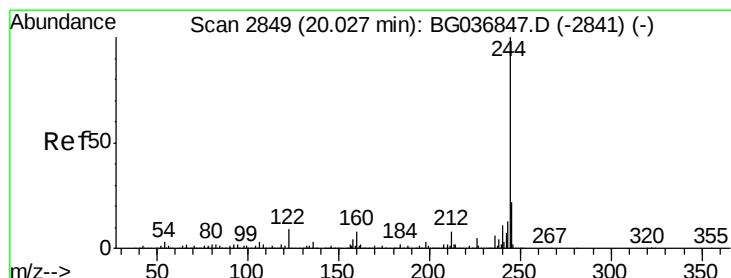
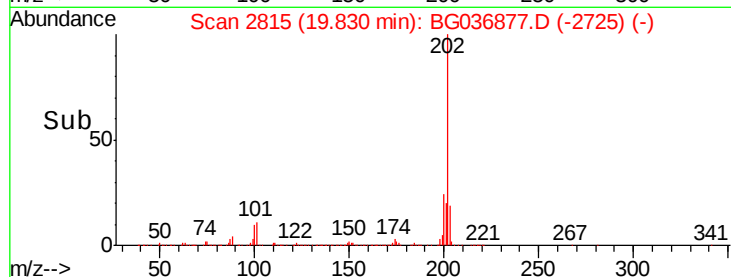
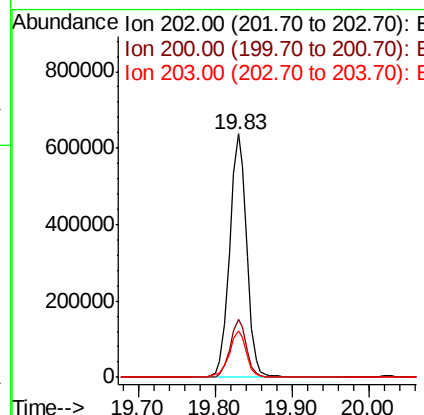
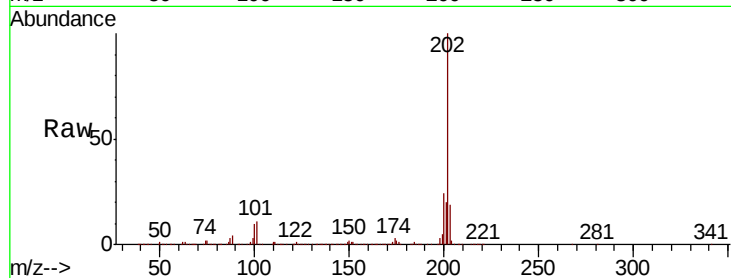




#77
 Pyrene
 Concen: 48.322 ng
 RT: 19.83 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

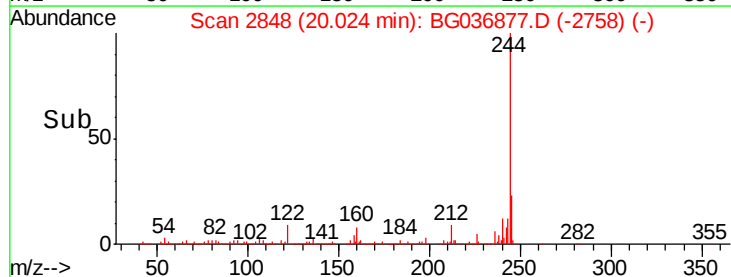
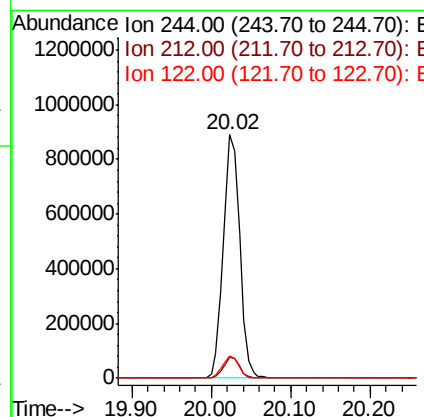
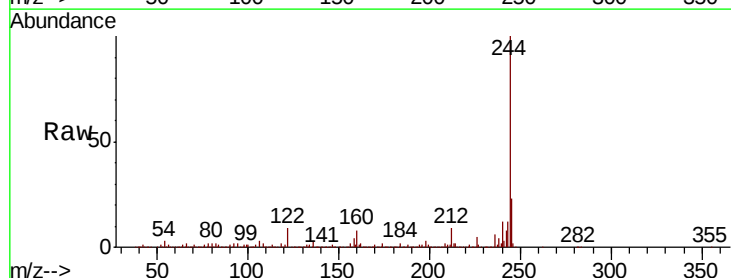
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

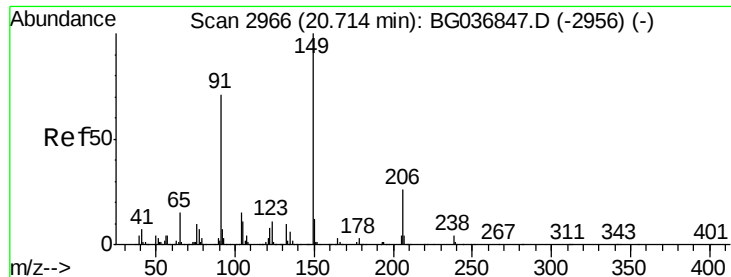
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.3	27.5
203	19.3	15.1	22.7



#78
 Terphenyl-d14
 Concen: 100.276 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.3	7.1	10.7

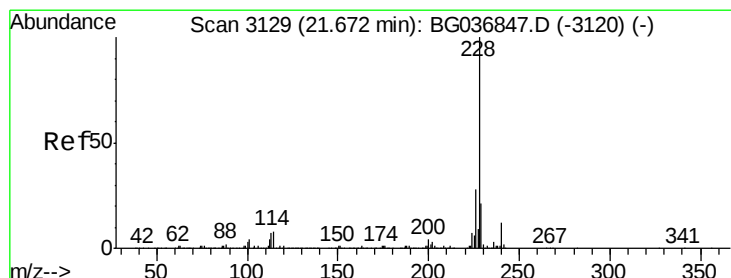
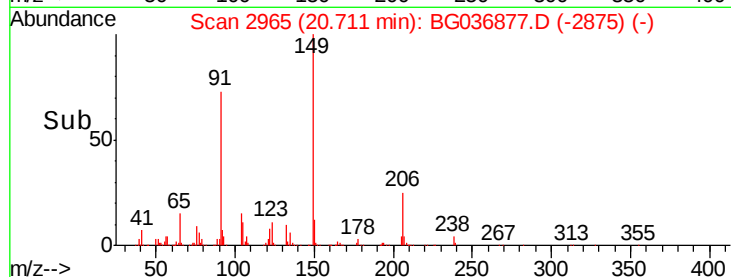
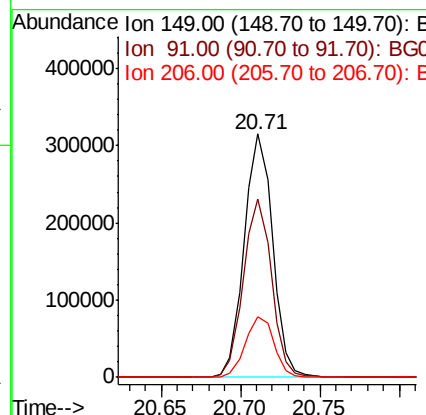
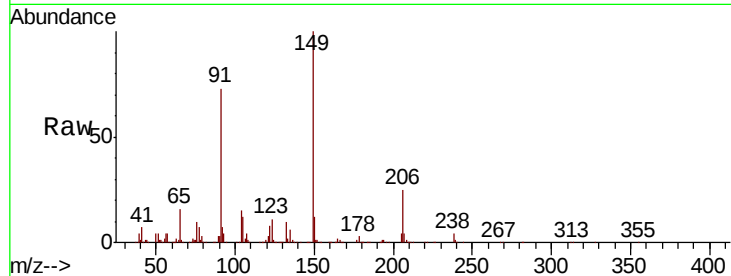




#79
Butylbenzylphthalate
Concen: 48.819 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

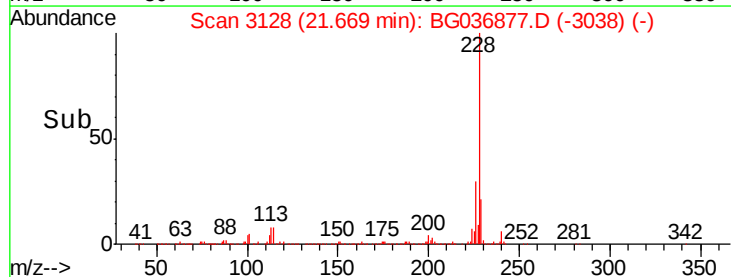
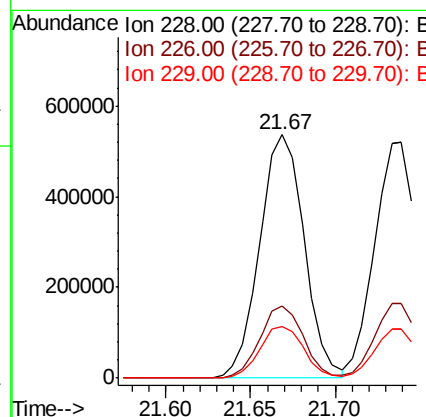
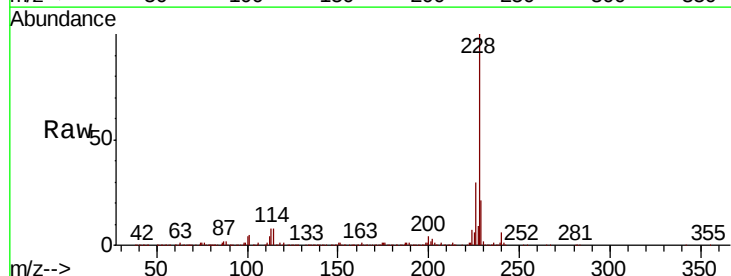
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

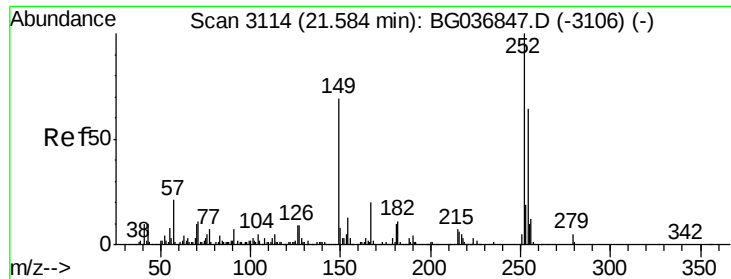
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	62.0	93.0
206	25.0	19.6	29.4



#80
Benzo(a)anthracene
Concen: 49.989 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.0	17.1	25.7

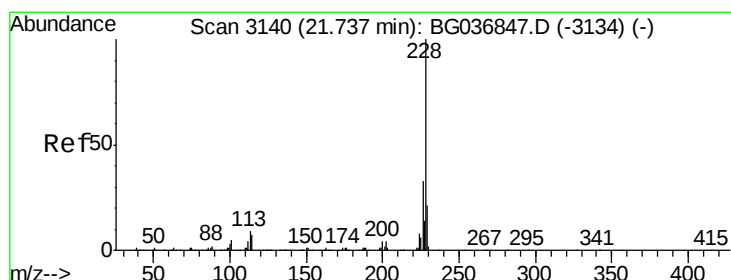
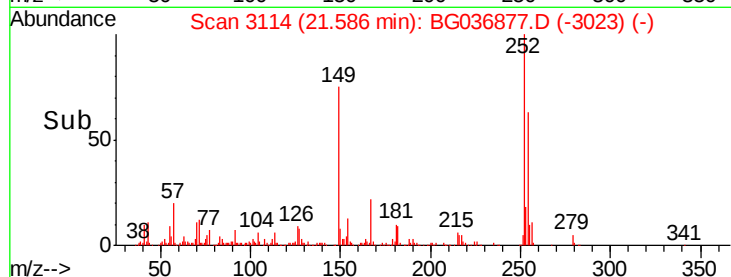
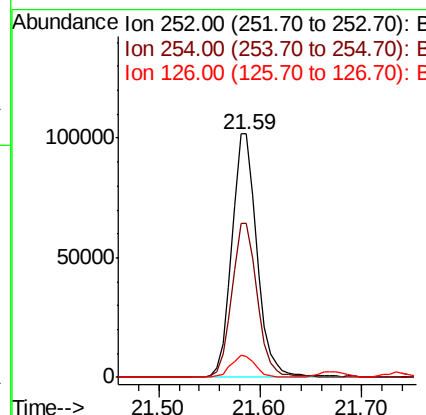
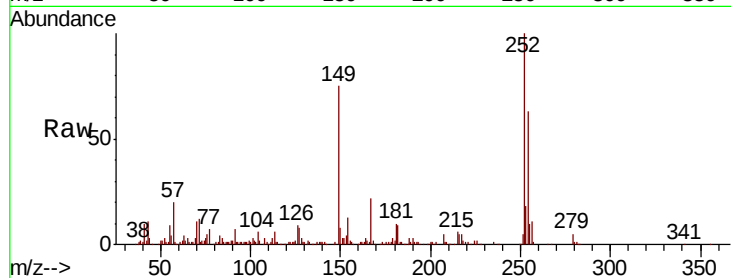




#81
 3,3'-Dichlorobenzidine
 Concen: 23.412 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

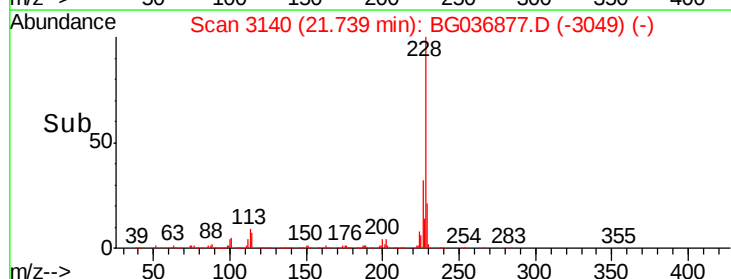
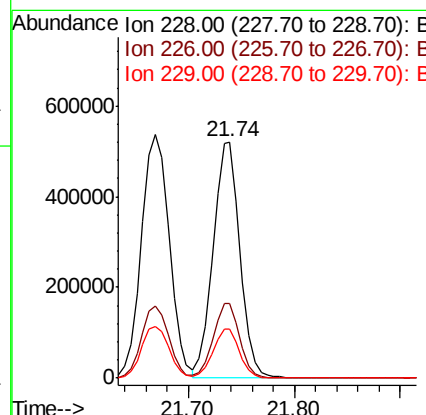
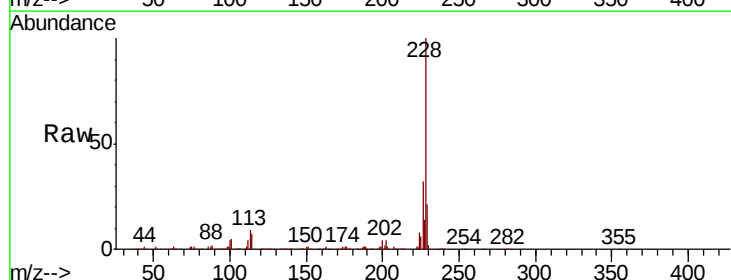
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.4
126	8.8	7.4	11.0



#82
 Chrysene
 Concen: 48.284 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	20.7	16.9	25.3

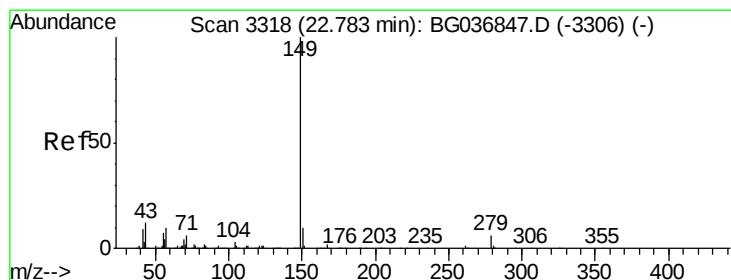
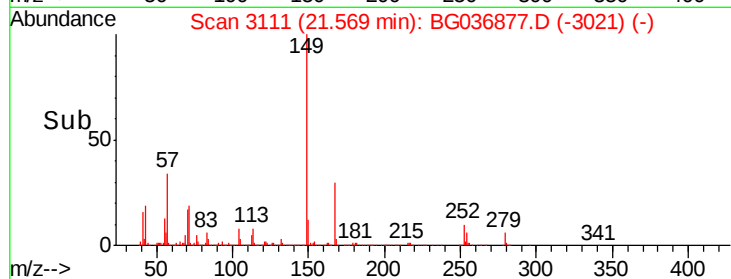
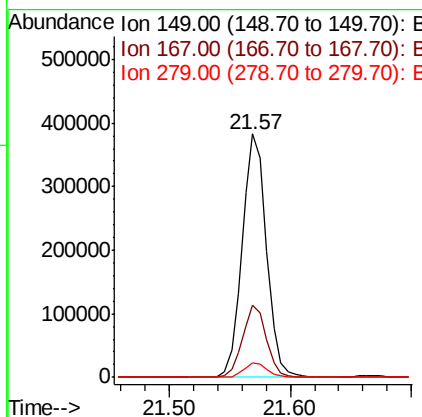
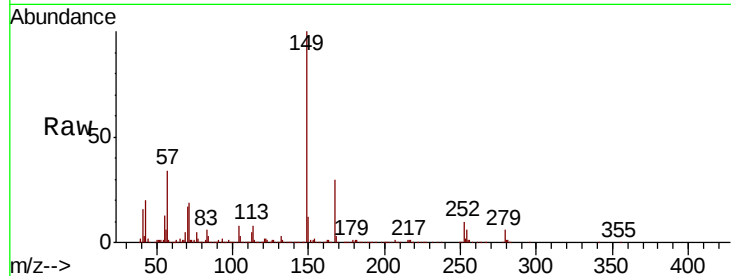




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.519 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

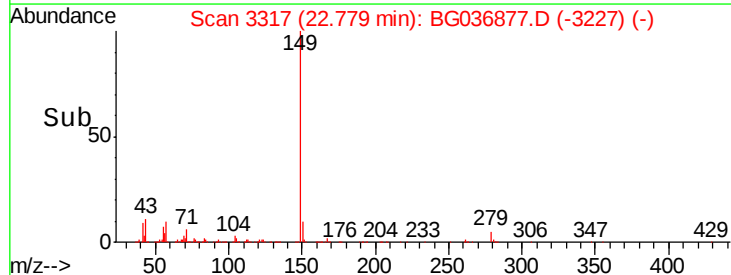
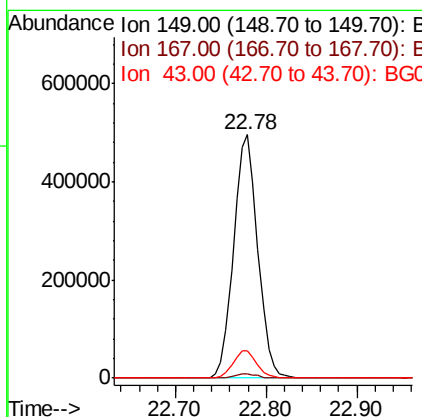
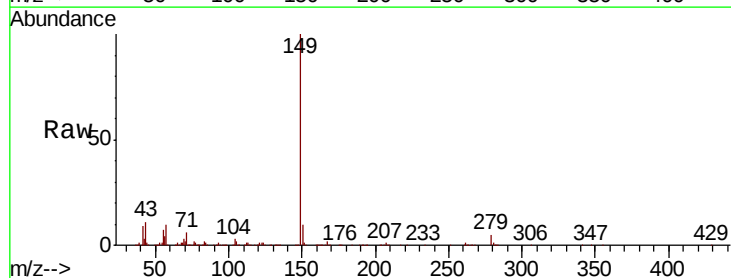
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	5.9	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 49.442 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

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

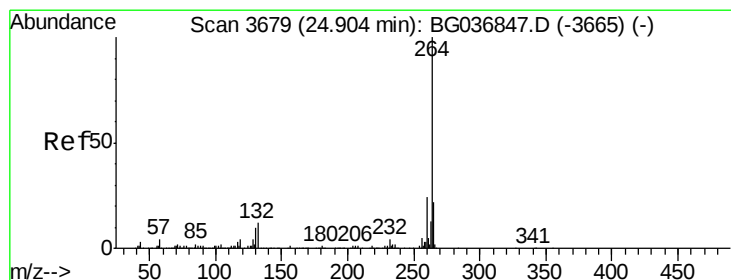
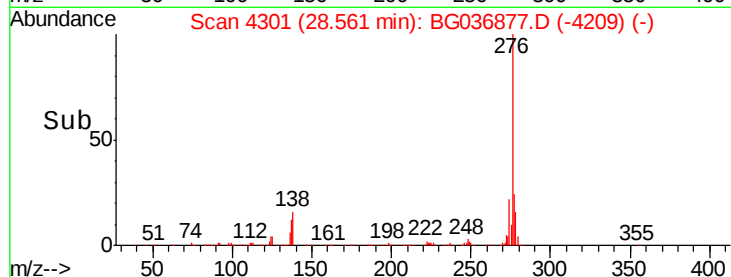
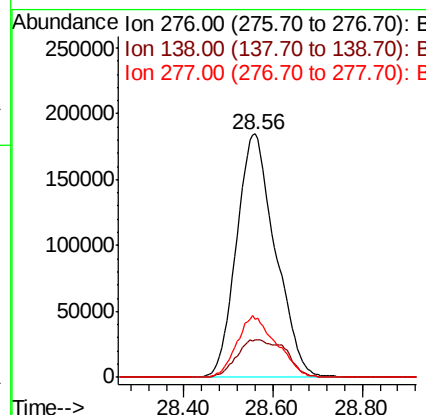
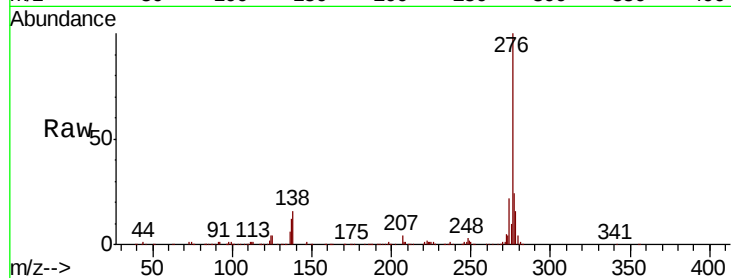




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.540 ng
 RT: 28.56 min Scan# 4301
 Delta R.T. 0.01 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

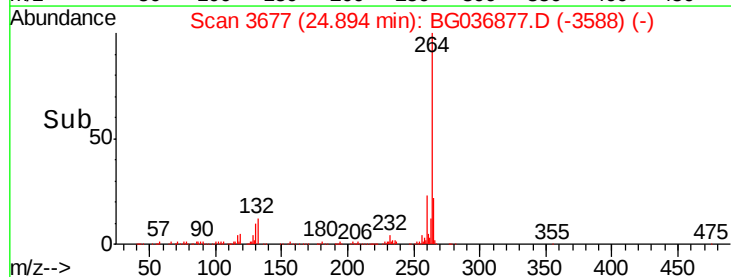
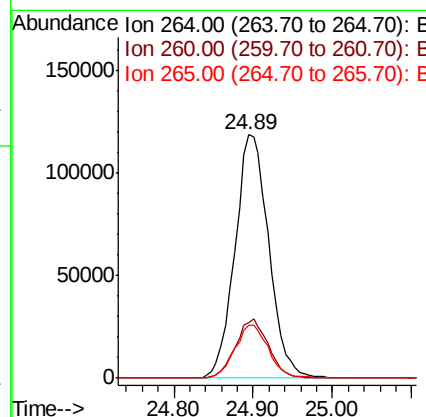
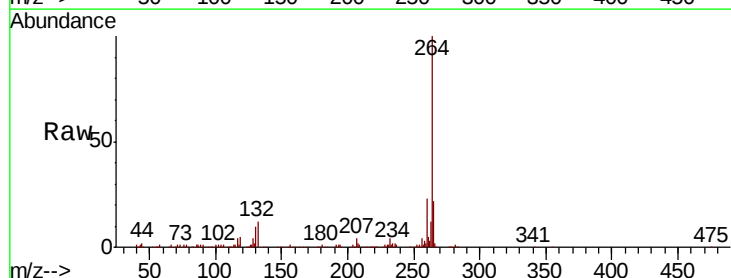
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tgt Ion:276 Resp: 1114907
 Ion Ratio Lower Upper
 276 100
 138 19.6 10.6 15.8#
 277 25.8 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:264 Resp: 350934
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.8 17.4 26.0

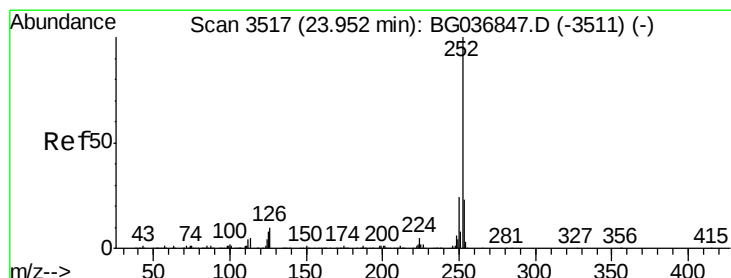
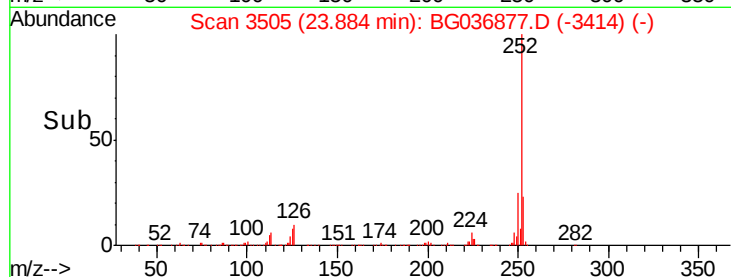
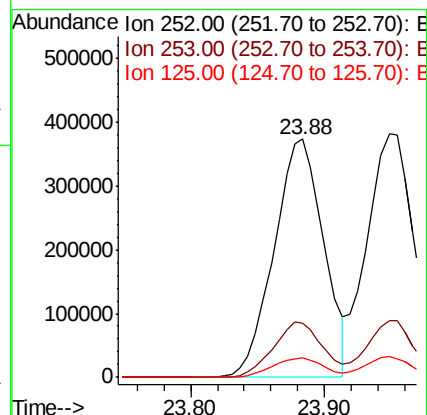
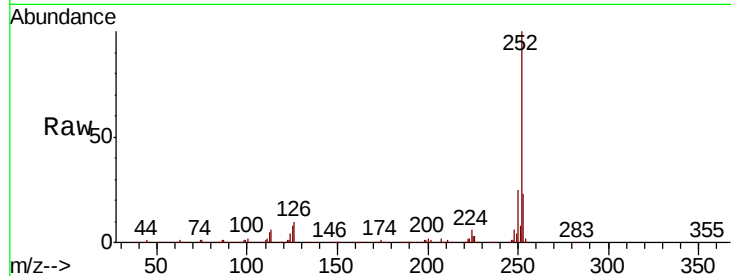




#87
Benzo(b)fluoranthene
Concen: 51.382 ng
RT: 23.88 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

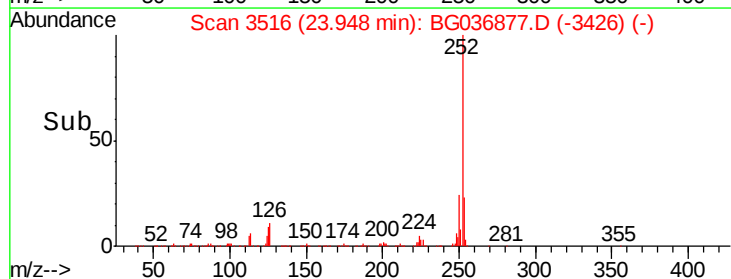
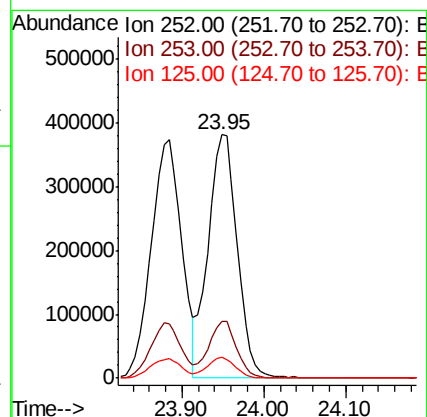
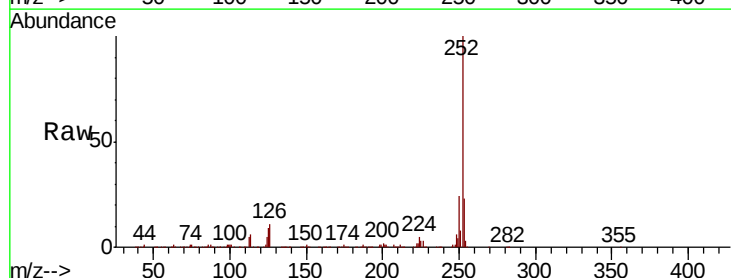
Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

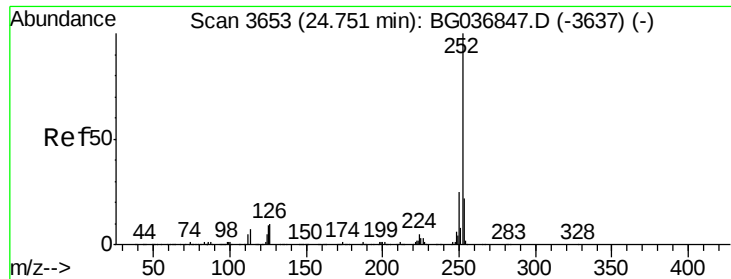
Tgt Ion:252 Resp: 960960
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 8.1 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 50.403 ng
RT: 23.95 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:252 Resp: 945711
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 8.8 7.0 10.6





#89

Benzo(a)pyrene

Concen: 51.995 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

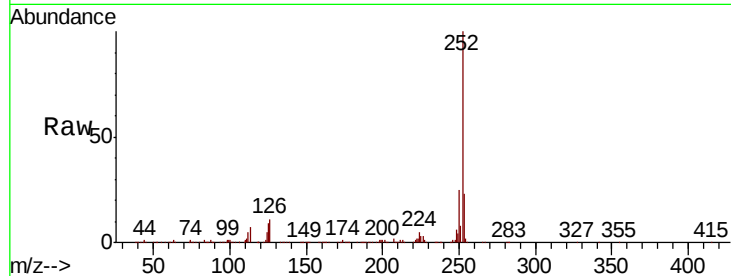
Tgt Ion: 252 Resp: 940113

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 9.1 7.3 10.9

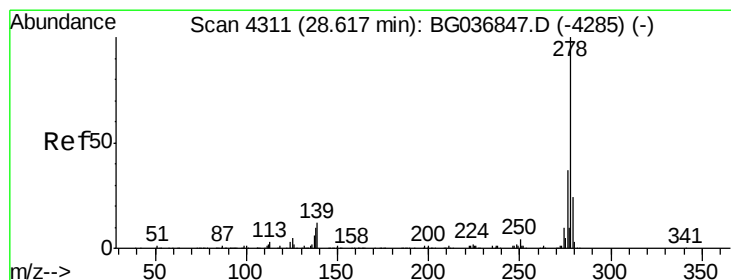
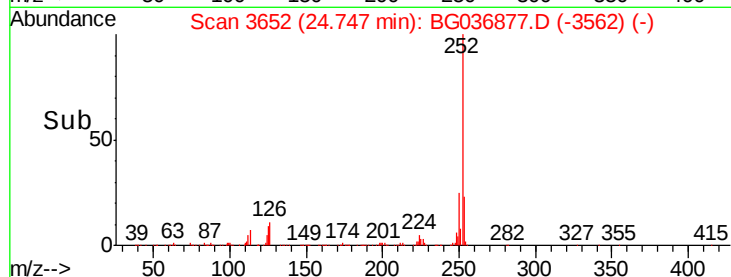
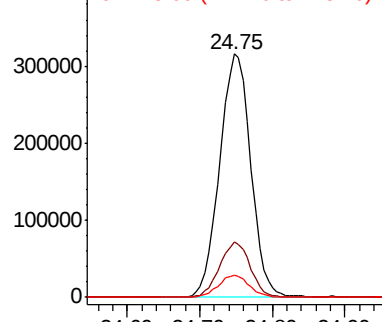


Abundance

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: 53.360 ng

RT: 28.62 min Scan# 4311

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

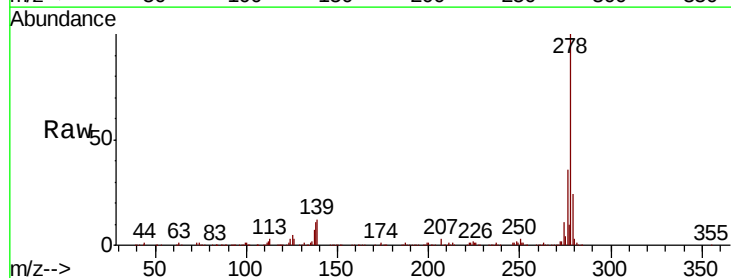
Tgt Ion: 278 Resp: 904206

Ion Ratio Lower Upper

278 100

139 12.4 11.0 16.4

279 24.1 18.7 28.1

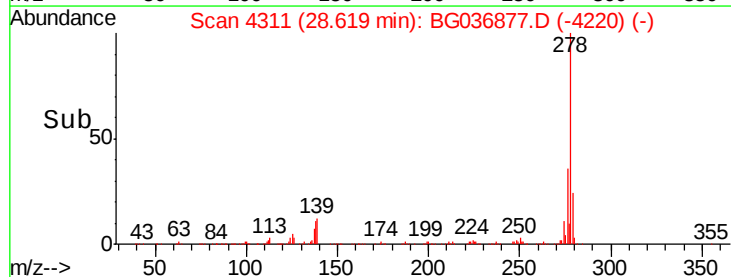
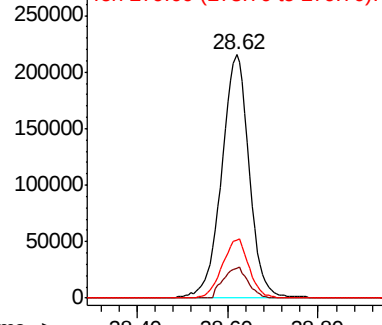


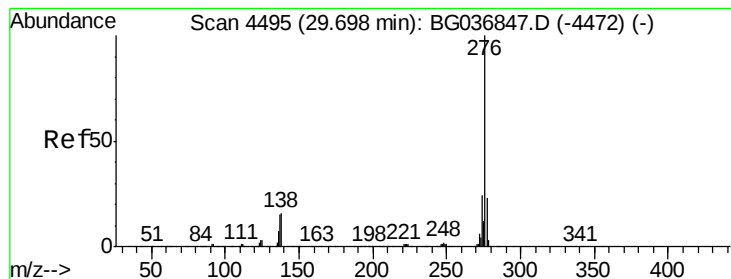
Abundance

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(g,h,i)perylene

Concen: 54.370 ng

RT: 29.70 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

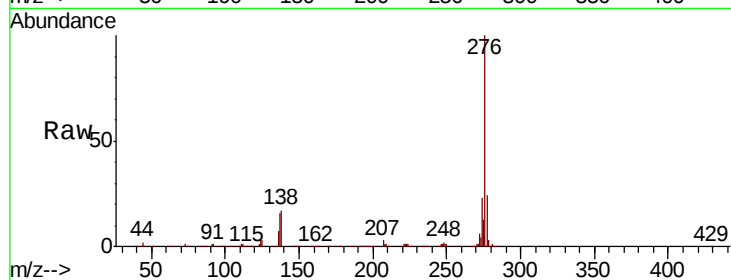
Tgt Ion: 276 Resp: 924648

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 16.9 14.6 22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

