

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036978.D
 Acq On : 26 Sep 2018 12:01
 Operator : JU/SJ
 Sample : J4870-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 13:54:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45260	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	182784	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111316	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	283041	20.00	ng	0.00
75) Chrysene-d12	21.68	240	281822	20.00	ng	0.00
86) Perylene-d12	24.89	264	286982	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	338062	143.25	ng	0.00
7) Phenol-d6	7.21	99	468219	128.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	311515	91.27	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	179823	135.02	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	684957	91.65	ng	-0.01
78) Terphenyl-d14	20.02	244	1135889	105.98	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.84	42	102728	74.125	ng	97
12) 1,3-Dichlorobenzene	7.94	146	313369	93.277	ng	98
13) 1,4-Dichlorobenzene	7.94	146	313369	91.149	ng	98
14) 1,2-Dichlorobenzene	8.40	146	184497	55.377	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	690408	103.166	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	327421	107.792	ng	97
24) Nitrobenzene	9.25	77	162551	44.595	ng	96
25) Isophorone	9.76	82	455735	73.072	ng	100
26) 2-Nitrophenol	9.77	139	7153	4.923	ng	# 57
30) 1,2,4-Trichlorobenzene	10.71	180	168139	51.212	ng	99
31) Naphthalene	10.90	128	1177299	135.368	ng	98
32) Benzoic acid	9.75	122	277	5.959	ng	# 1
33) 4-Chloroaniline	10.90	127	166905	42.209	ng	# 34
40) Hexachlorocyclopentadiene	12.84	237	156565	78.409	ng	97
46) 2-Chloronaphthalene	13.55	162	281035	41.918	ng	99
48) Acenaphthylene	14.39	152	1070352	101.882	ng	99
50) 2,6-Dinitrotoluene	14.67	165	14247	7.288	ng	# 24
51) Acenaphthene	14.73	154	579911	91.332	ng	98
55) 4-Nitrophenol	14.73	139	4677	3.554	ng	# 12
56) 2,4-Dinitrotoluene	14.67	165	14247	5.223	ng	# 22
57) Fluorene	15.72	166	1080833	134.644	ng	96
59) Diethylphthalate	15.48	149	651225	72.060	ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	104362	20.529	ng	99
61) 4-Nitroaniline	15.72	138	14153	6.531	ng	# 15
62) Azobenzene	15.71	77	45791	5.273	ng	# 19
67) Hexachlorobenzene	16.72	284	155026	46.754	ng	96
70) Phenanthrene	17.46	178	2000867	146.695	ng	# 92
71) Anthracene	17.46	178	2000867	148.355	ng	# 91
73) Di-n-butylphthalate	18.37	149	1758850	120.441	ng	# 96
74) Fluoranthene	19.83	202	1583927	96.474	ng	95
76) Benzidine	20.02	184	19686	2.311	ng	# 94
77) Pyrene	19.83	202	1585400	93.746	ng	96
80) Benzo(a)anthracene	21.67	228	1629475	99.049	ng	96
82) Chrysene	21.74	228	1951542	122.775	ng	90

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 13:54:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

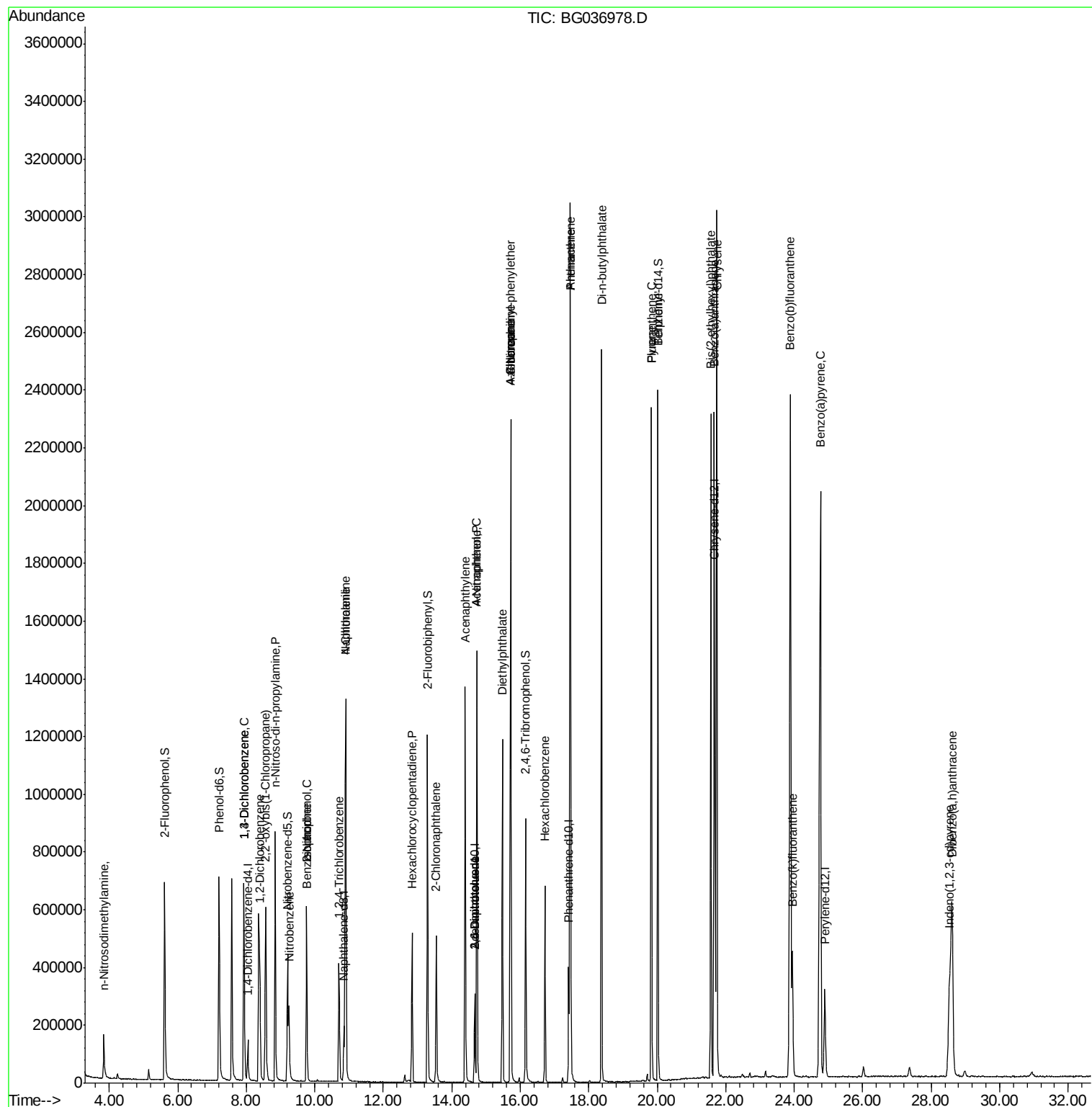
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.57	149	883314	93.801	nq	99
85) Indeno(1,2,3-cd)pyrene	28.53	276	846844	49.613	nq #	90
87) Benzo(b)fluoranthene	23.89	252	2476067	161.898	nq	93
88) Benzo(k)fluoranthene	23.95	252	333227	21.717	nq	97
89) Benzo(a)pyrene	24.76	252	2449813	165.686	nq	96
90) Dibenzo(a,h)anthracene	28.61	278	1010390	72.913	nq	98

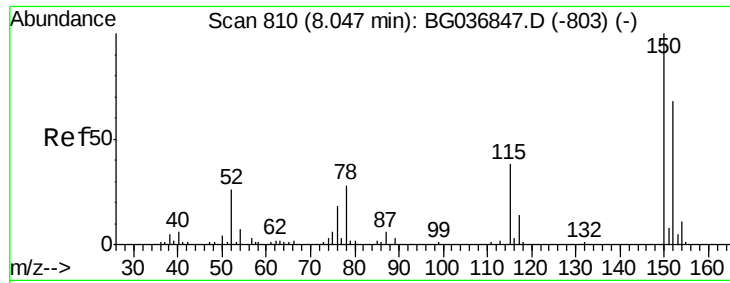
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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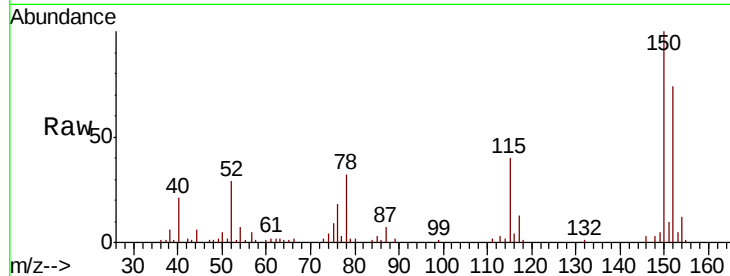




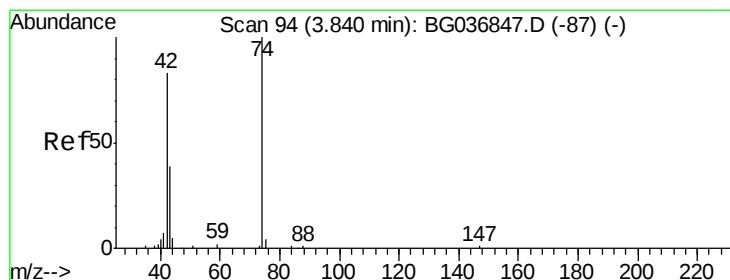
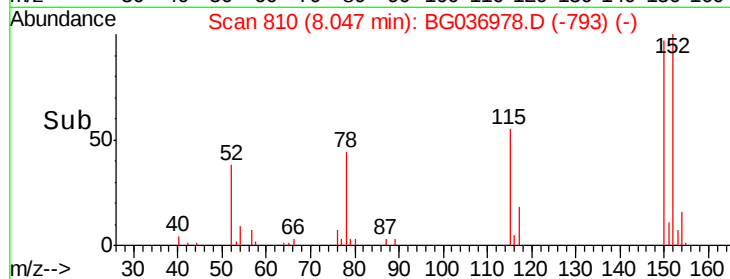
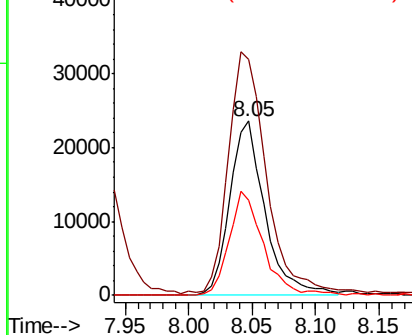
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 45260
 Ion Ratio Lower Upper
 152 100
 150 135.8 119.5 179.3
 115 54.9 44.5 66.7

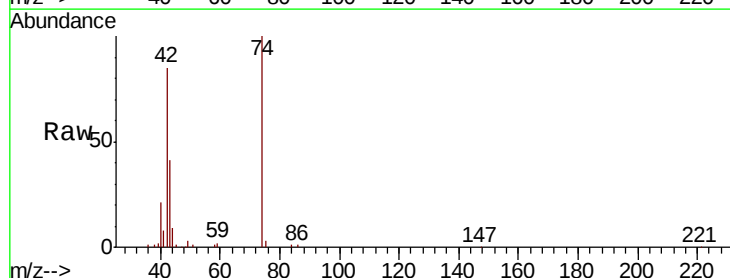


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

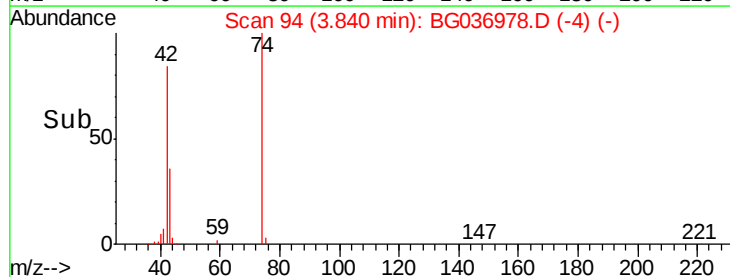
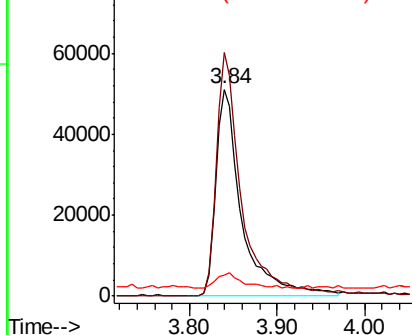


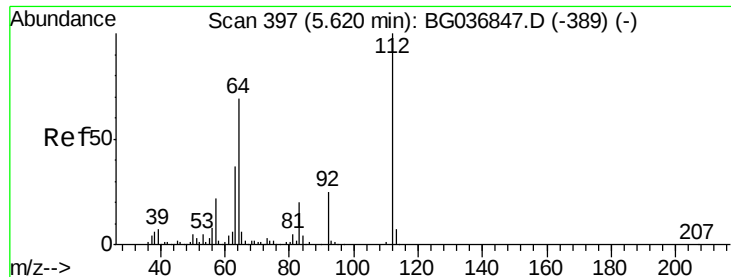
#4
 n-Nitrosodimethylamine
 Concen: 74.125 ng
 RT: 3.84 min Scan# 94
 Delta R.T. 0.00 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion: 42 Resp: 102728
 Ion Ratio Lower Upper
 42 100
 74 117.8 96.6 145.0
 44 10.3 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: 143.246 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

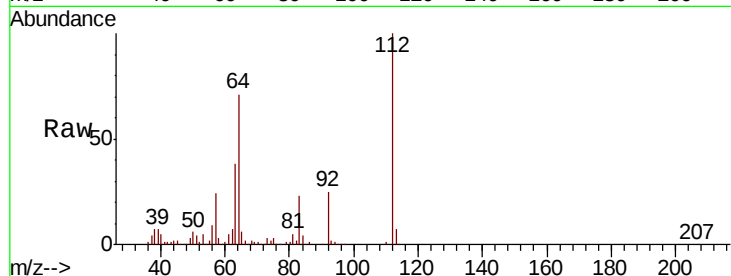
Tot Ion:112 Resp: 338062

Ion Ratio Lower Upper

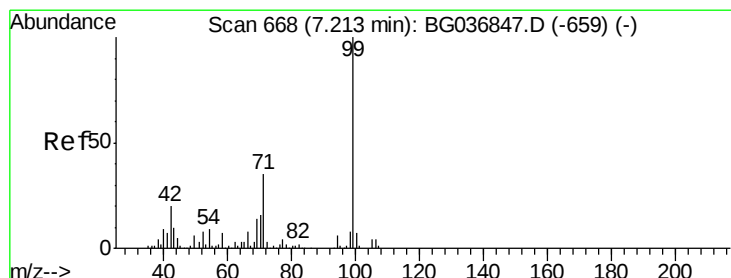
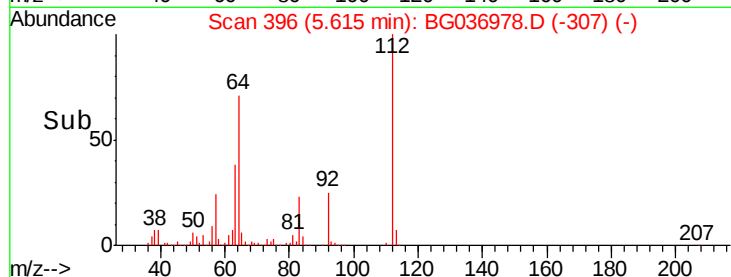
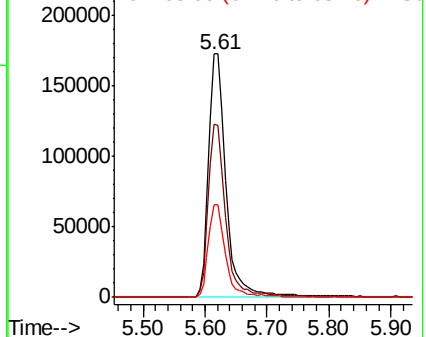
112 100

64 71.3 57.2 85.8

63 38.2 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



#7

Phenol-d6

Concen: 128.232 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

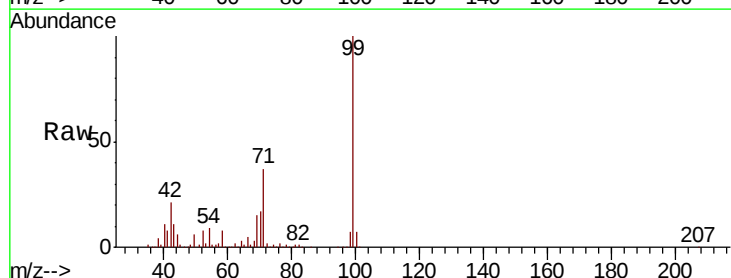
Tgt Ion: 99 Resp: 468219

Ion Ratio Lower Upper

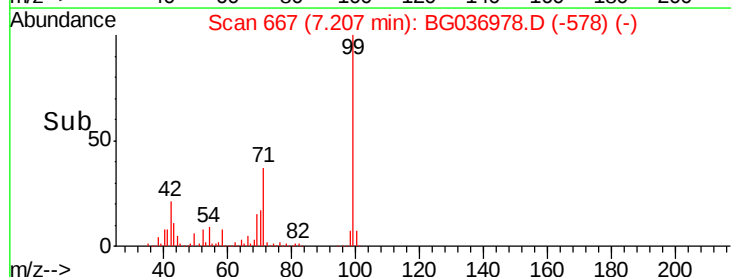
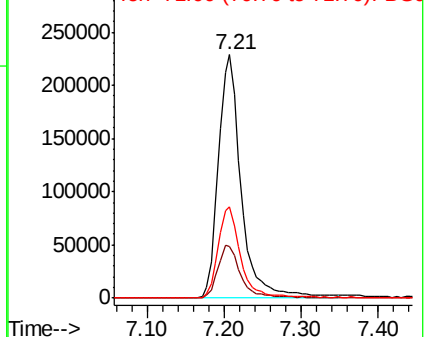
99 100

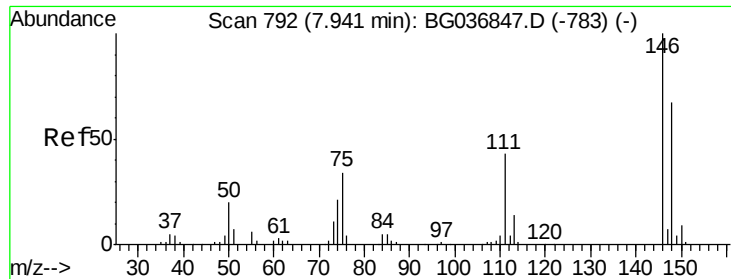
42 21.5 16.5 24.7

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





#12

1,3-Dichlorobenzene

Concen: 93.277 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampled :

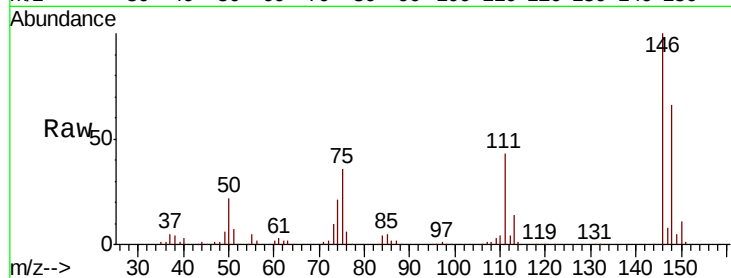
Tot Ion:146 Resp: 313369

Ion Ratio Lower Upper

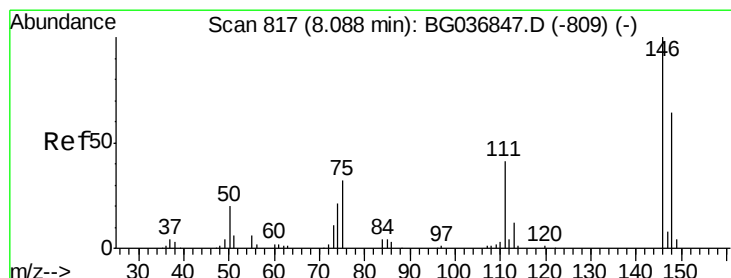
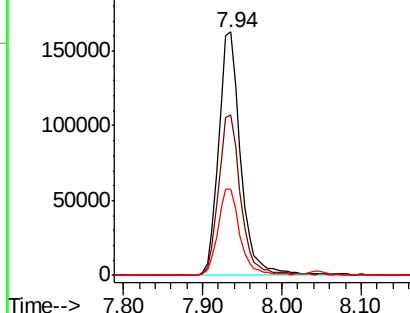
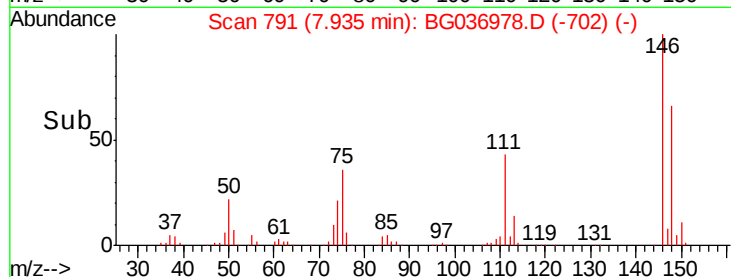
146 100

148 65.7 53.8 80.6

75 35.6 27.2 40.8



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



#13

1,4-Dichlorobenzene

Concen: 91.149 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.15 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

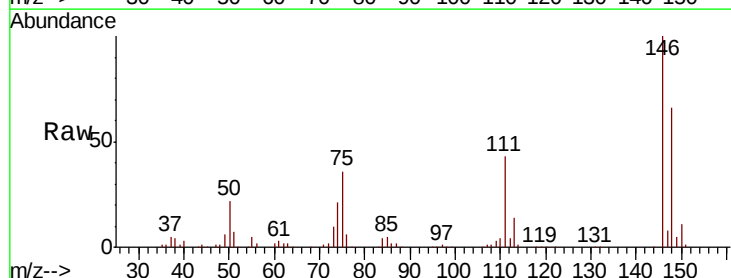
Tgt Ion:146 Resp: 313369

Ion Ratio Lower Upper

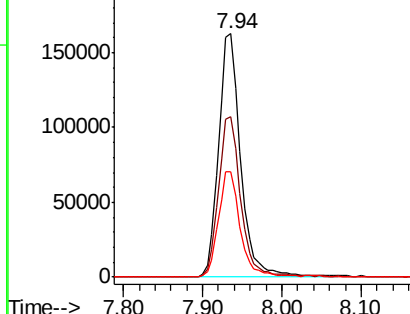
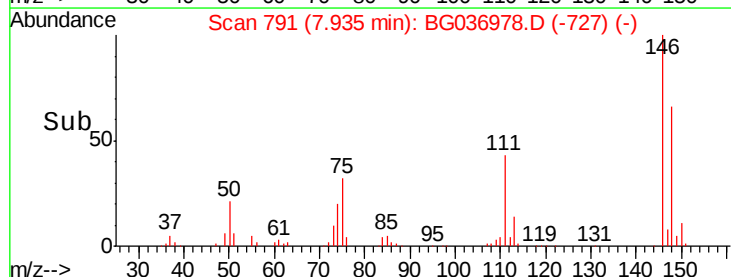
146 100

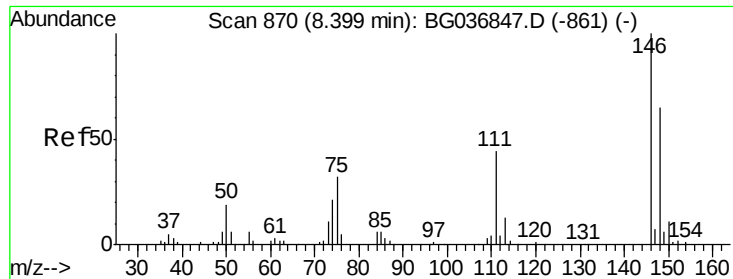
148 65.7 53.9 80.9

111 43.4 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: 55.377 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

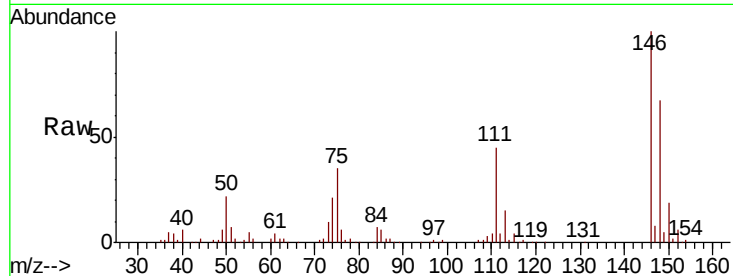
Tot Ion:146 Resp: 184497

Ion Ratio Lower Upper

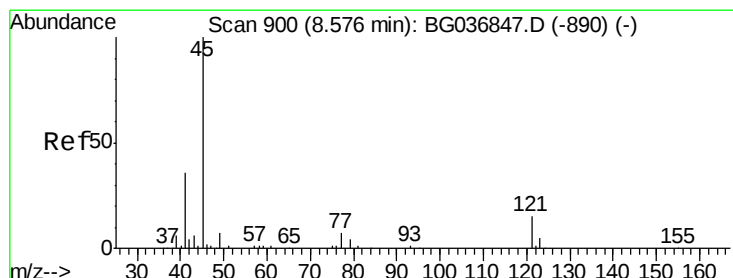
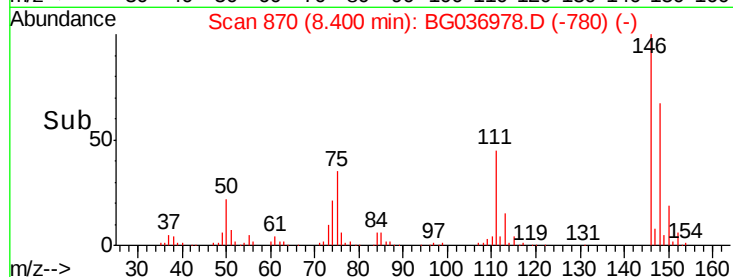
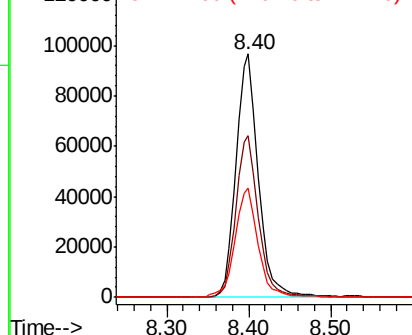
146 100

148 66.6 55.0 82.6

111 44.8 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 103.166 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

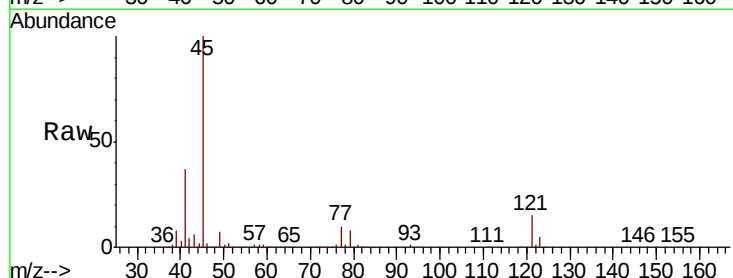
Tgt Ion: 45 Resp: 690408

Ion Ratio Lower Upper

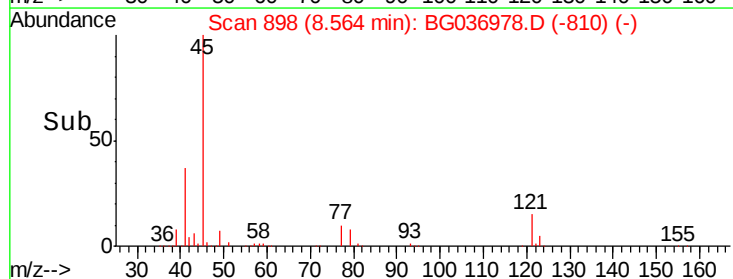
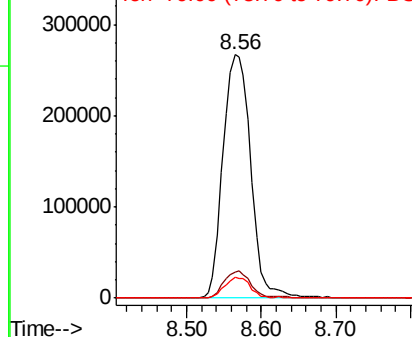
45 100

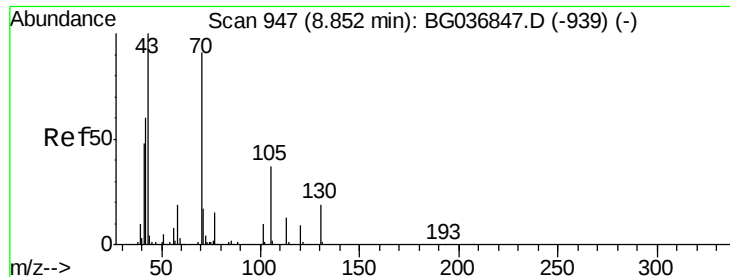
77 10.5 0.0 30.5

79 8.4 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

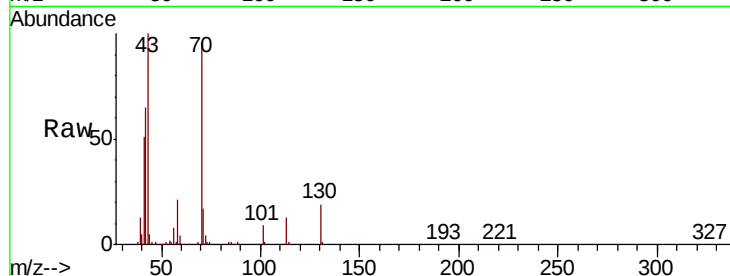




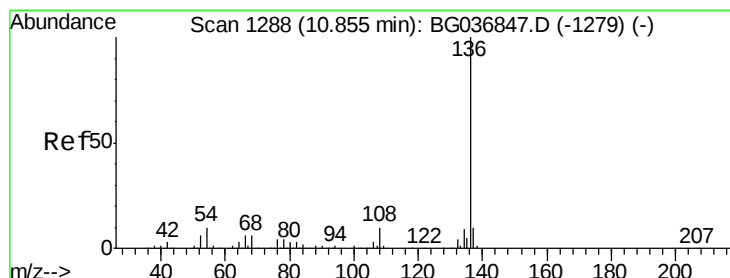
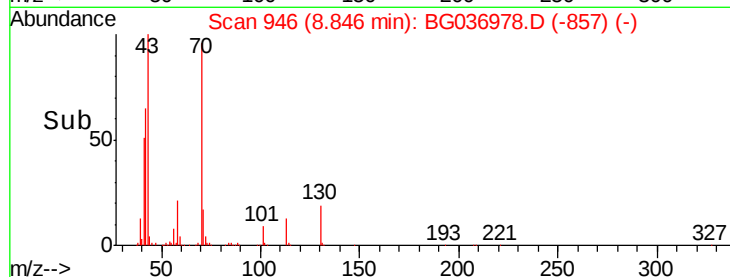
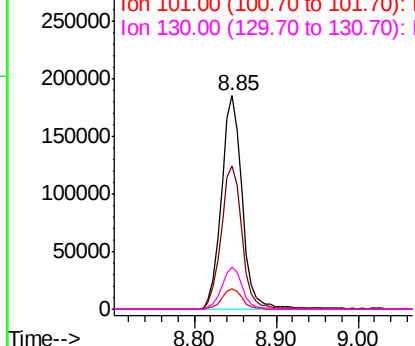
#19
n-Nitroso-di-n-propylamine
Concen: 107.792 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	327421
Ion	Ratio	Lower	Upper
70	100		
42	67.3	56.2	84.4
101	9.9	7.8	11.6
130	19.9	16.2	24.2

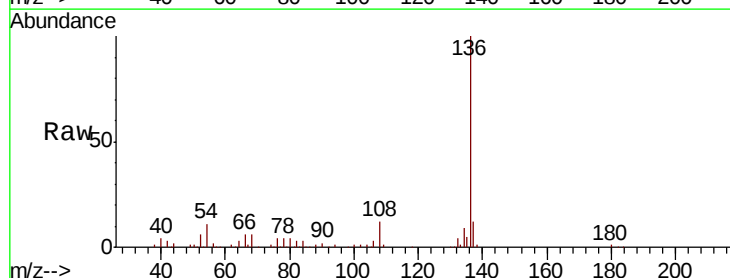


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

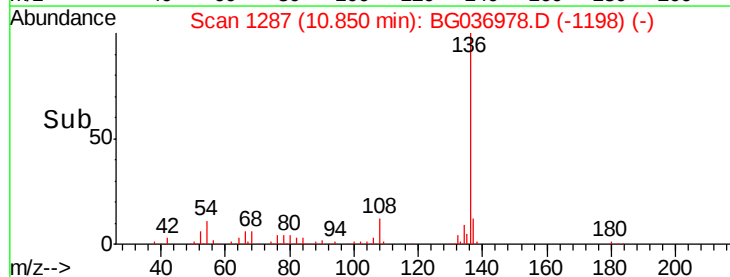
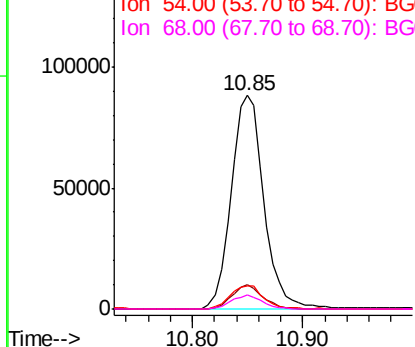


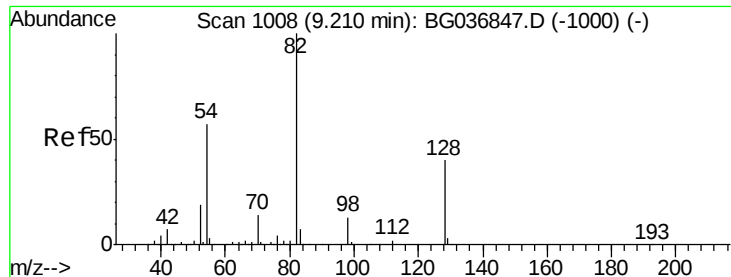
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:	136	Resp:	182784
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.9	9.2	13.8
68	6.4	5.8	8.6



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

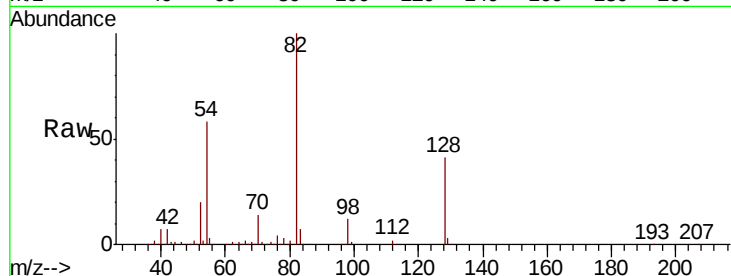




#23
 Nitrobenzene-d5
 Concen: 91.266 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	58.2	45.1	67.7

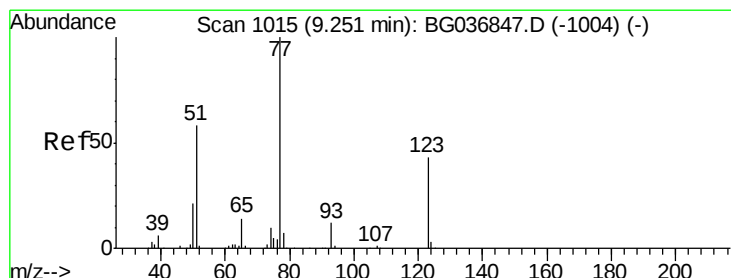
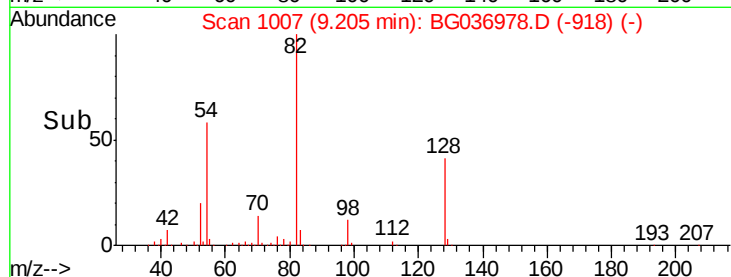
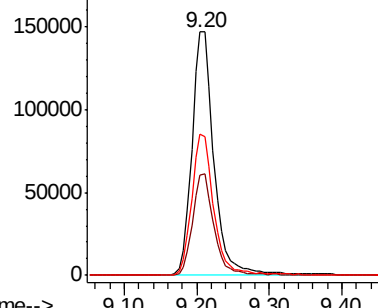


Abundance

Ion 82.00 (81.70 to 82.70): BGC

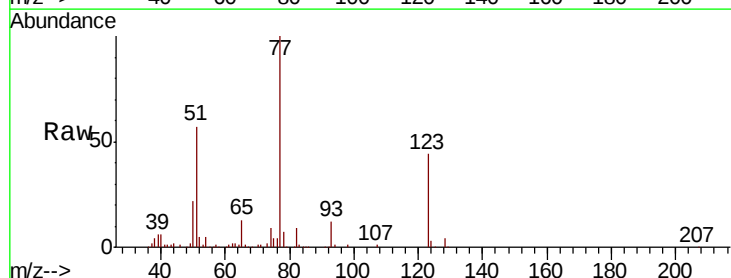
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 44.595 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	32.4	48.6
65	13.1	11.5	17.3

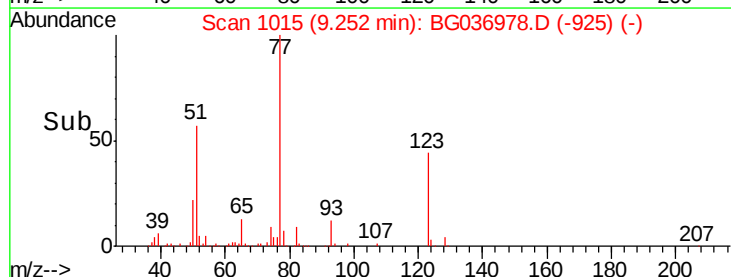
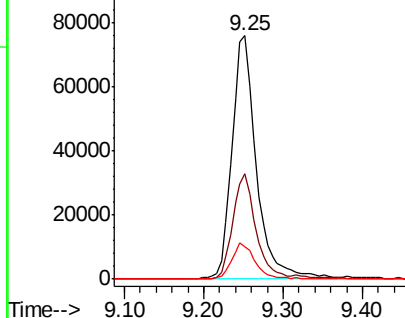


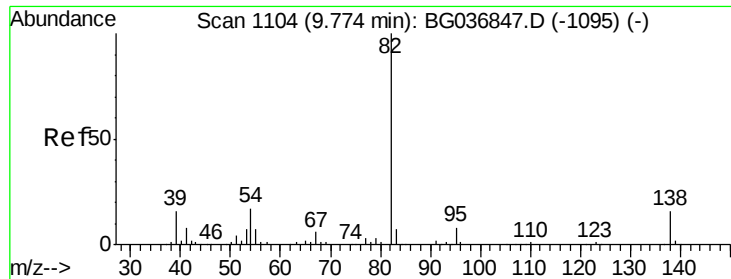
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

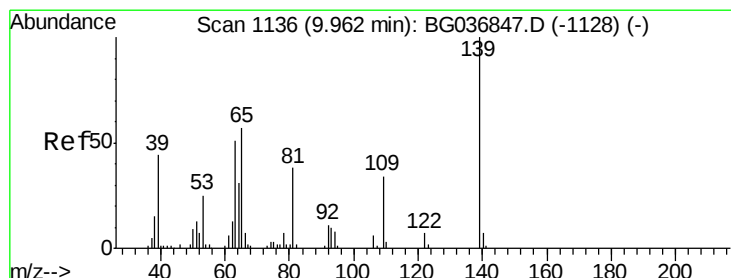
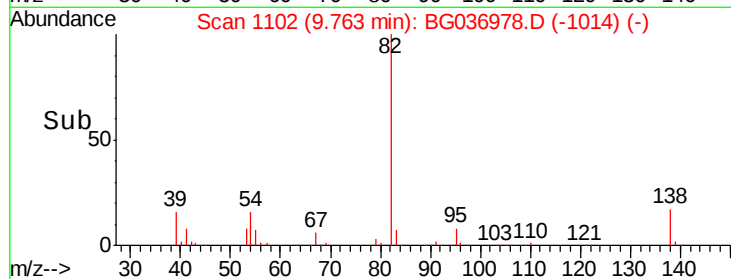
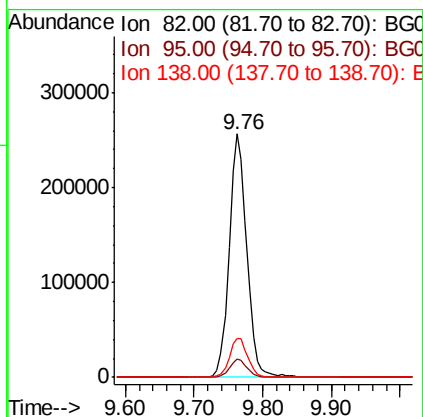
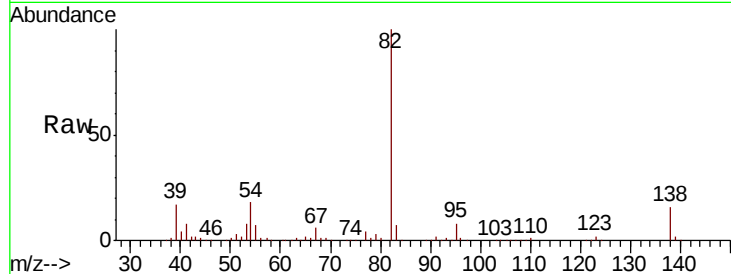




#25
Isophorone
Concen: 73.072 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

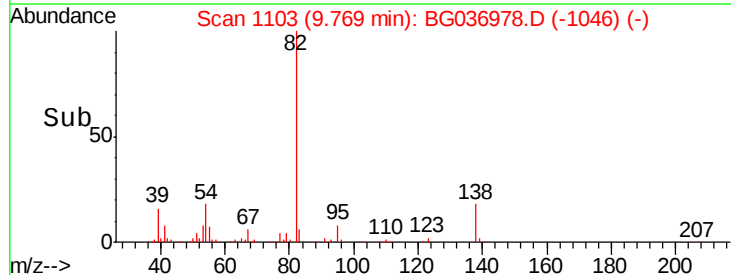
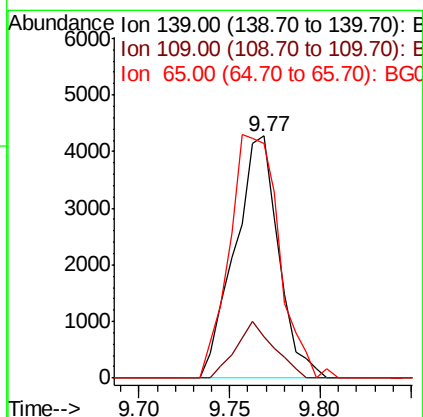
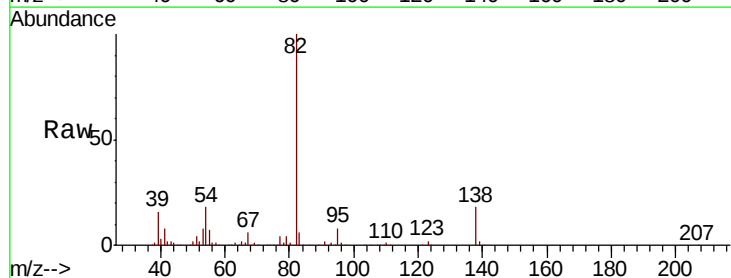
Instrument :
BNA_F
ClientSampleId :

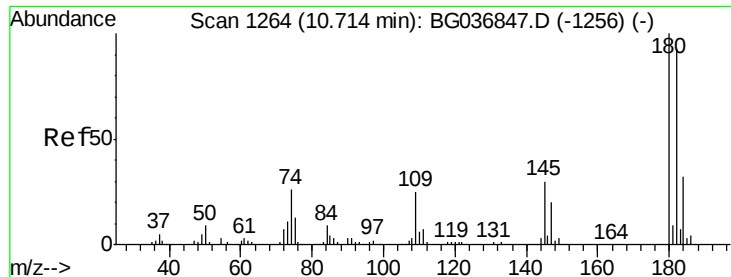
Tot Ion	82	Resp	455735
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.8
138	16.2	12.9	19.3



#26
2-Nitrophenol
Concen: 4.923 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.19 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion	139	Resp	7153
Ion Ratio	Lower	Upper	
139	100		
109	17.0	27.4	41.0#
65	97.2	47.8	71.6#

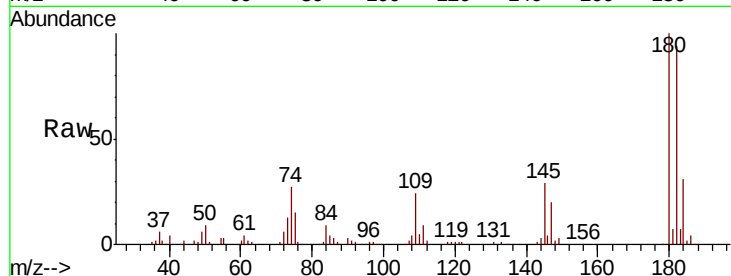




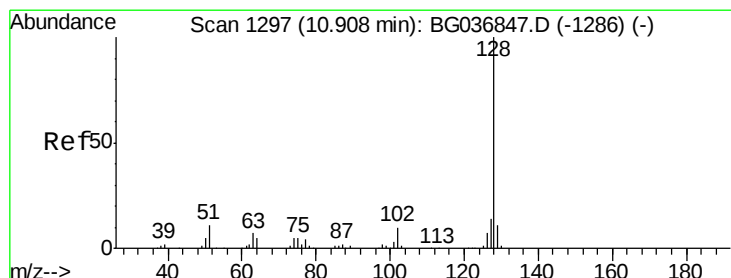
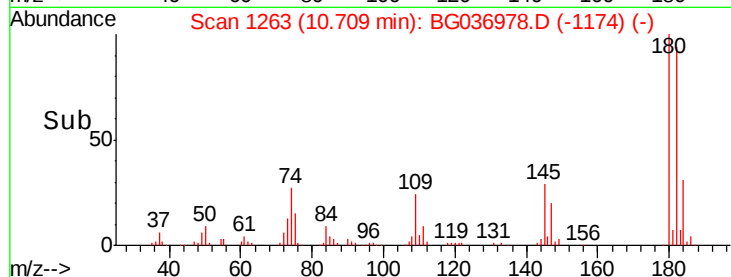
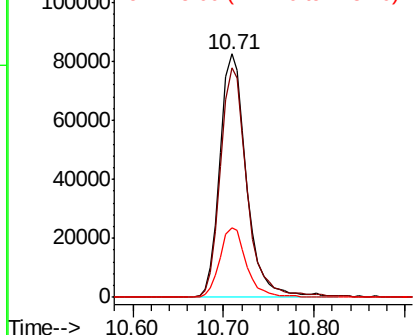
#30
 1,2,4-Trichlorobenzene
 Concen: 51.212 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 168139
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.0 114.0
 145 28.8 22.9 34.3

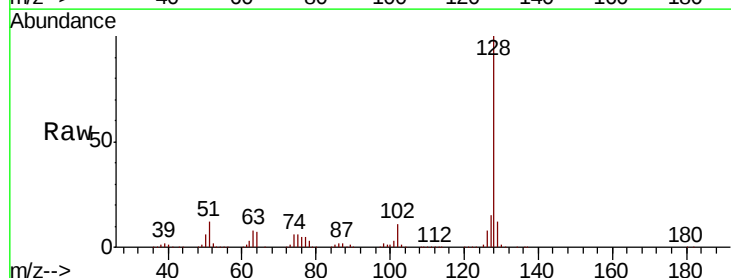


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

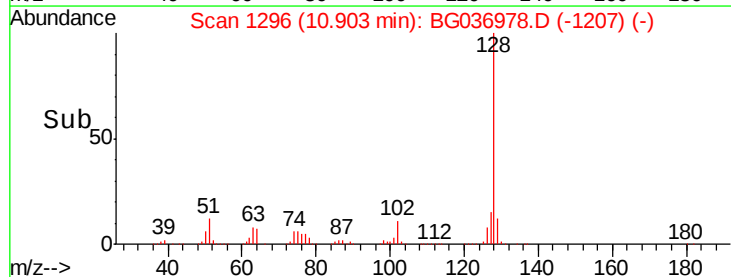
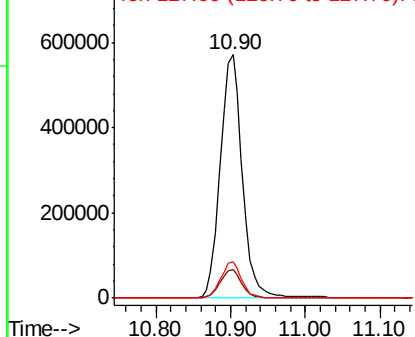


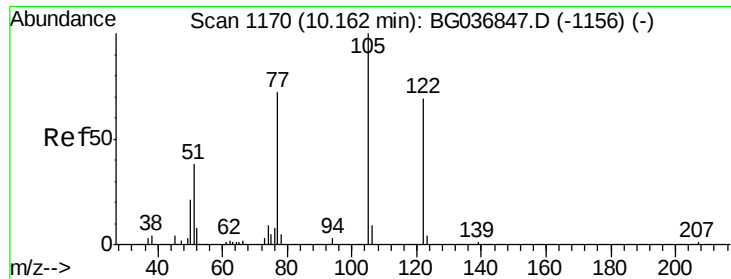
#31
 Naphthalene
 Concen: 135.368 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion:128 Resp: 1177299
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.4 14.2
 127 14.8 11.0 16.4



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





#32

Benzoic acid

Concen: 5.959 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.41 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampled :

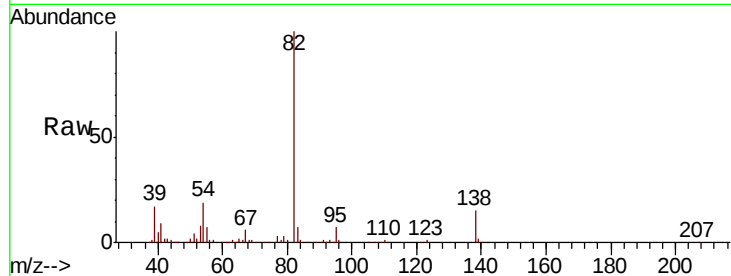
Tot Ion:122 Resp: 277

Ion Ratio Lower Upper

122 100

105 169.1 108.1 148.1#

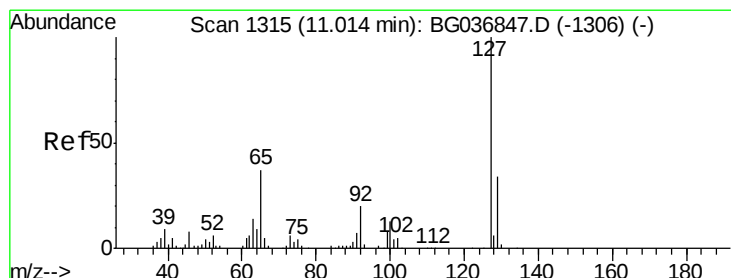
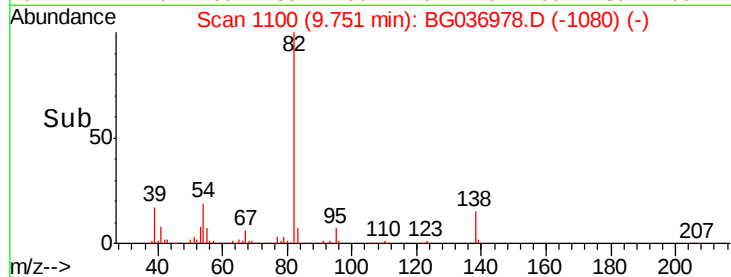
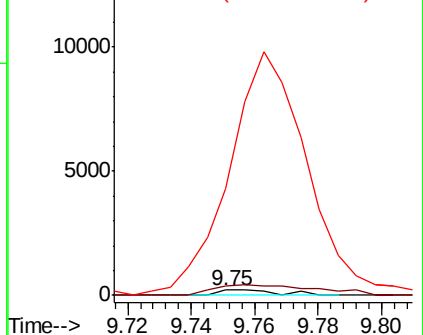
77 1959.1 76.3 116.3#



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): BGC



#33

4-Chloroaniline

Concen: 42.209 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.11 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Tgt Ion:127 Resp: 166905

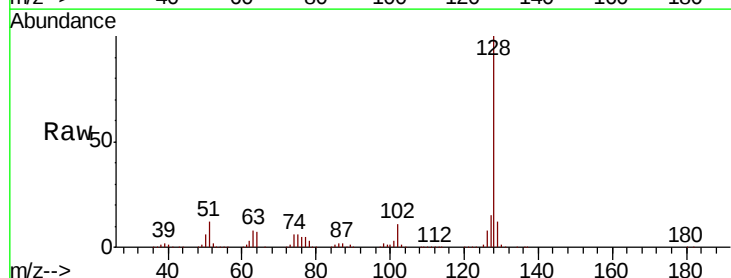
Ion Ratio Lower Upper

127 100

129 80.8 25.9 38.9#

65 0.0 27.5 41.3#

92 0.0 16.2 24.2#

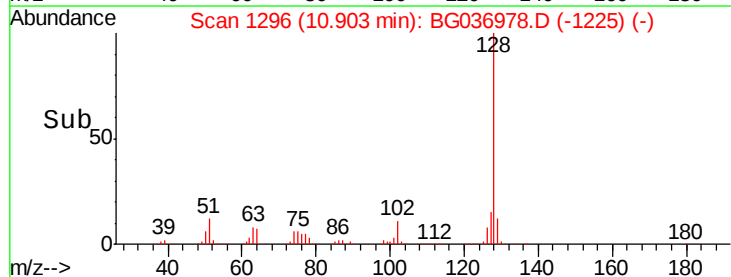
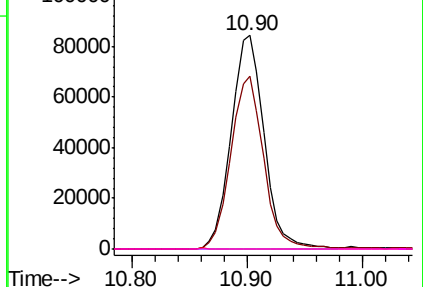


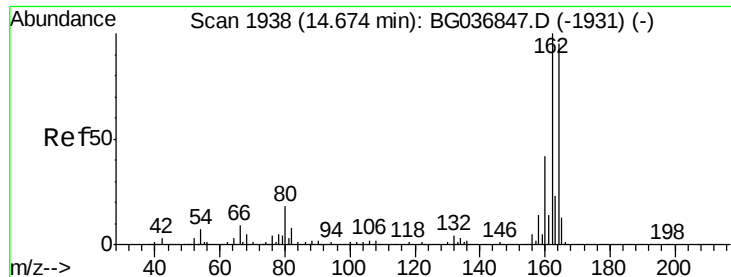
Abundance Ion 127.00 (126.70 to 127.70): E

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

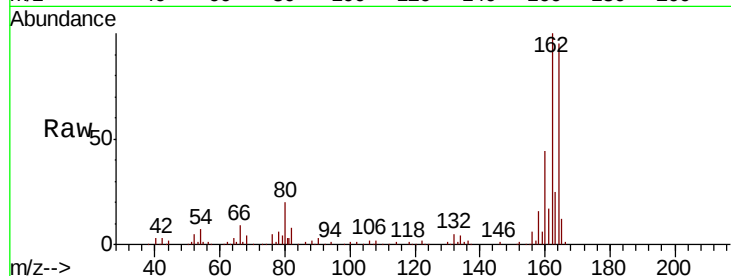
Tot Ion:164 Resp: 111316

Ion Ratio Lower Upper

164 100

162 105.7 80.7 121.1

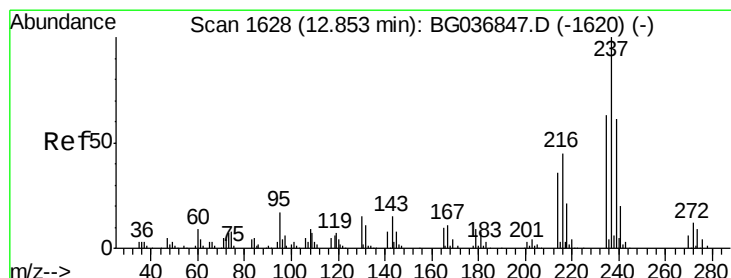
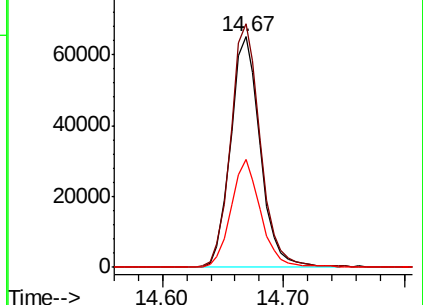
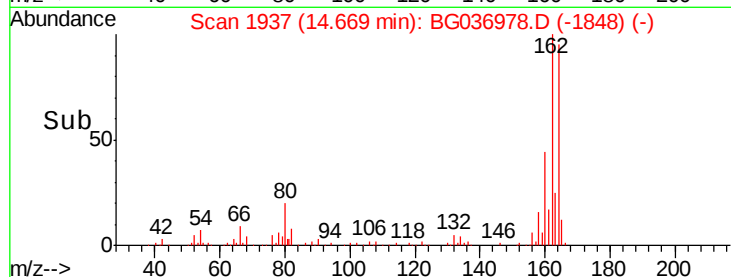
160 46.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.409 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

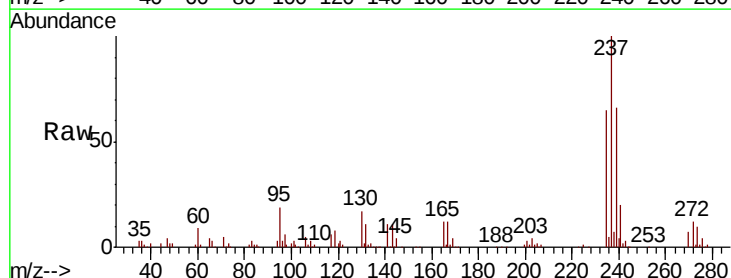
Tgt Ion:237 Resp: 156565

Ion Ratio Lower Upper

237 100

235 64.9 42.2 82.2

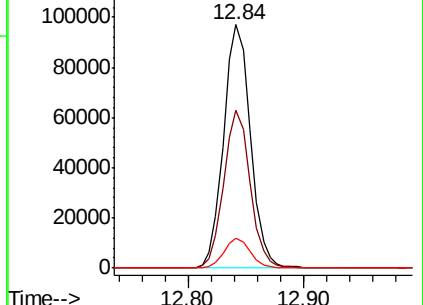
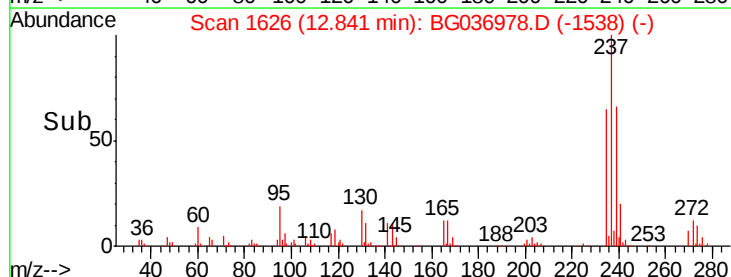
272 12.1 0.0 32.1

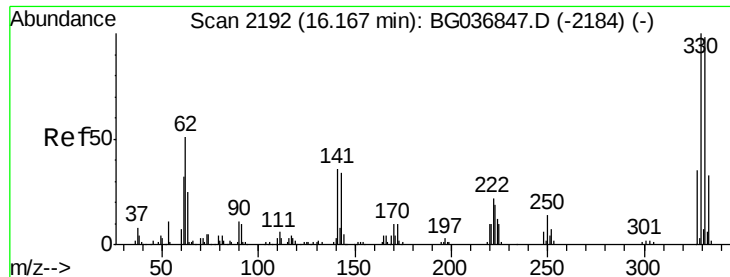


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

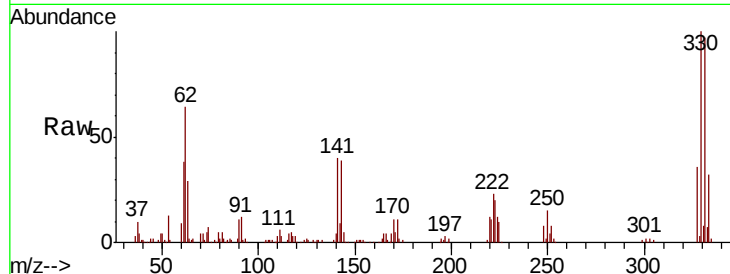




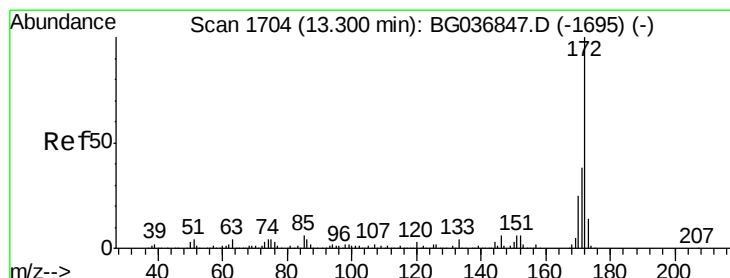
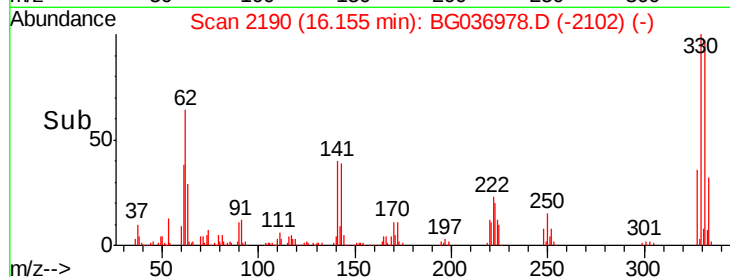
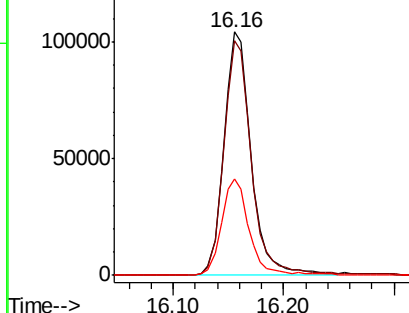
#41
 2,4,6-Tribromophenol
 Concen: 135.020 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.4	113.2
141	40.4	30.7	46.1

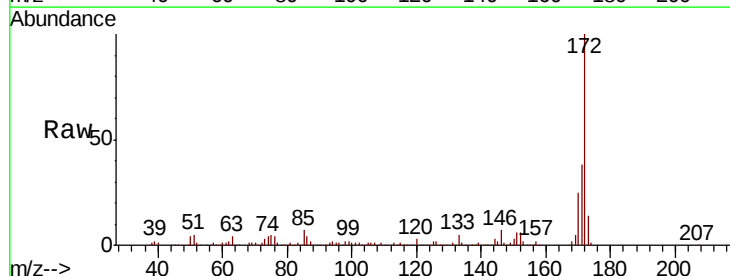


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

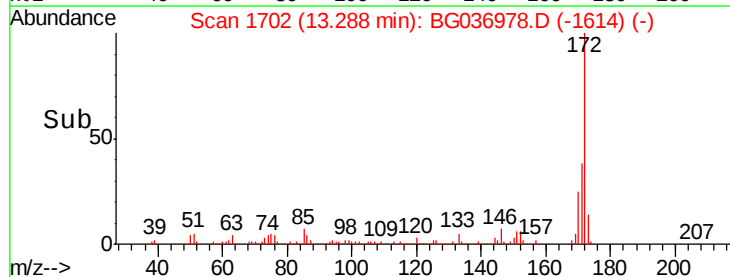
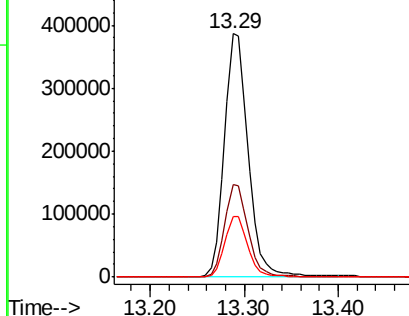


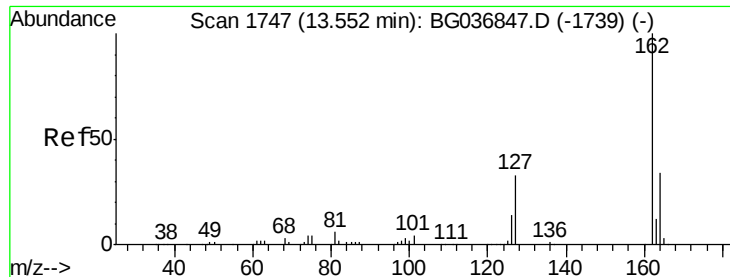
#44
 2-Fluorobiphenyl
 Concen: 91.646 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.0	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

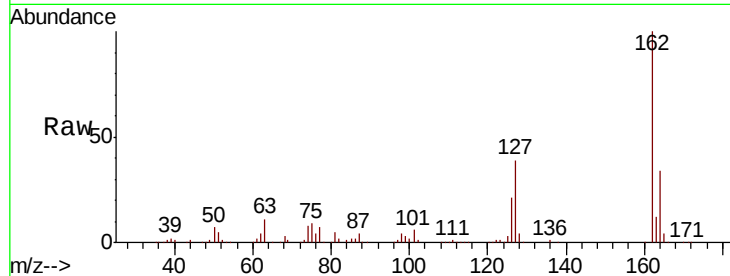




#46
2-Chloronaphthalene
Concen: 41.918 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.7	46.1
164	33.6	26.7	40.1

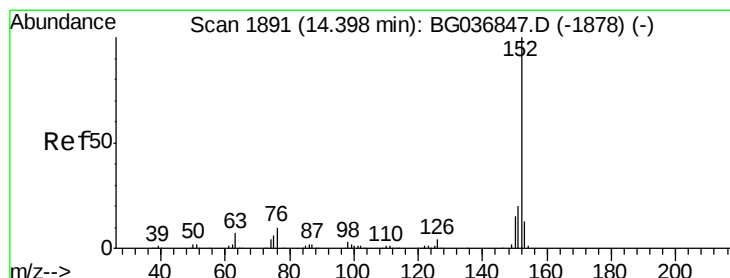
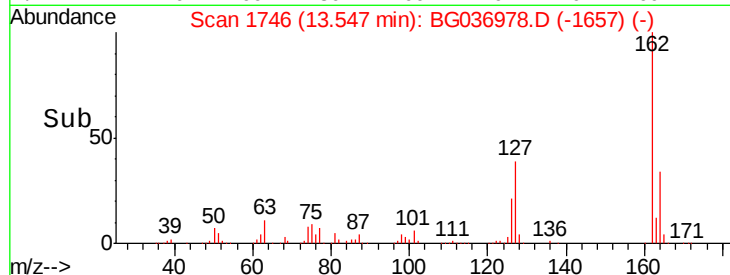
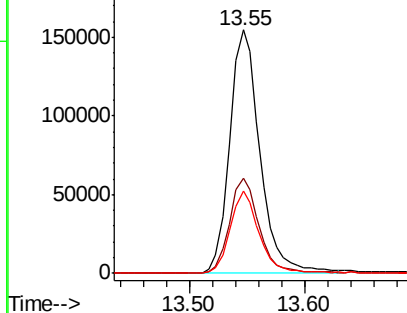


Abundance

Ion 162.00 (161.70 to 162.70): E

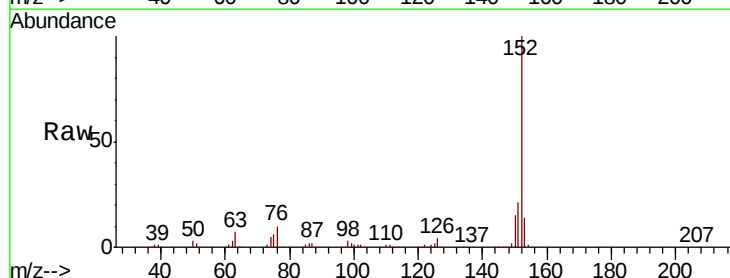
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 101.882 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	14.2	11.2	16.8

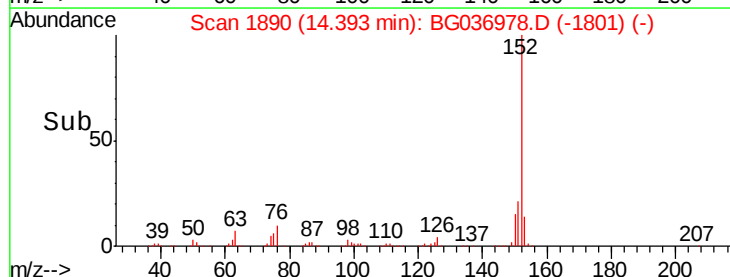
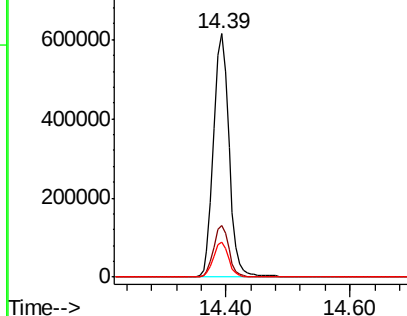


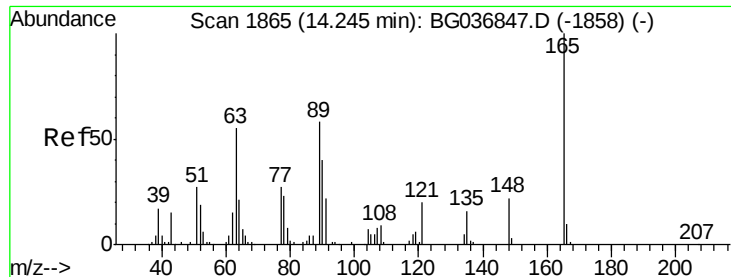
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

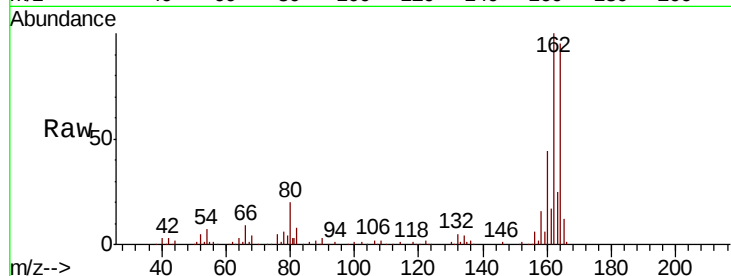




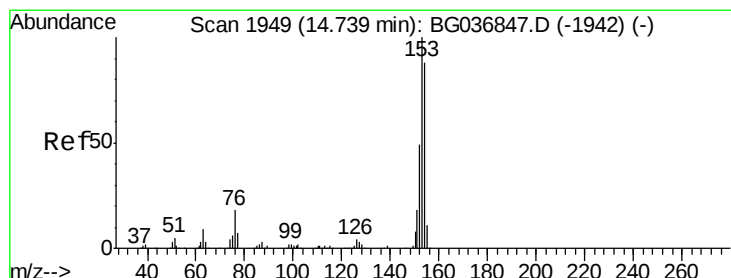
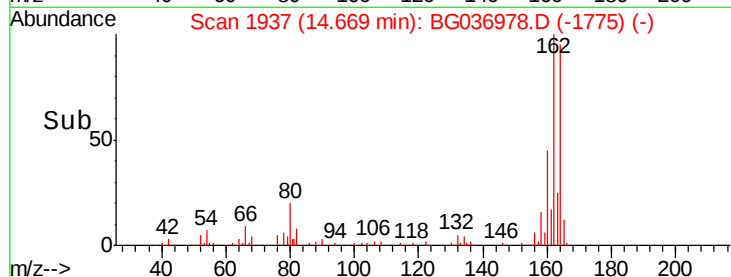
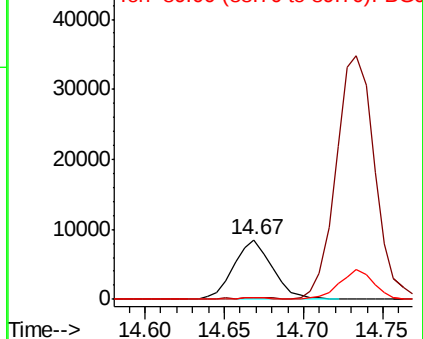
#50
2,6-Dinitrotoluene
Concen: 7.288 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	50.1	75.1#
89	3.5	47.8	71.6#

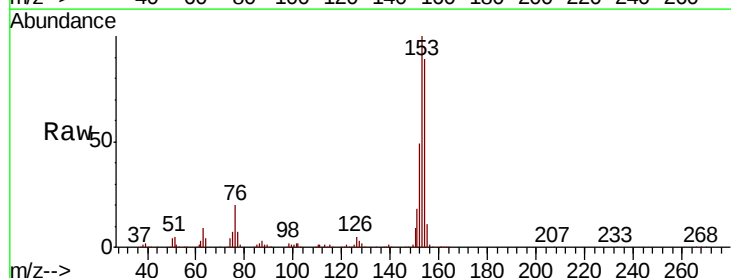


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

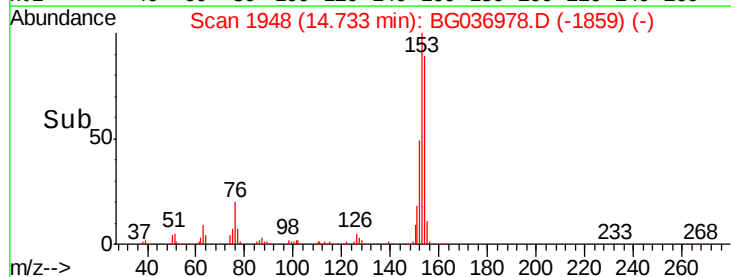
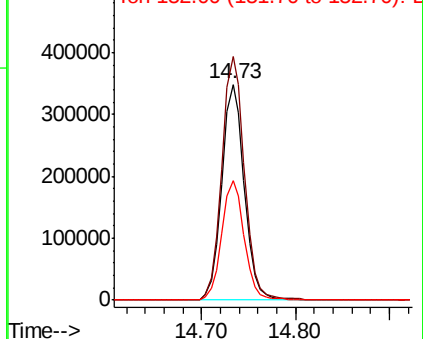


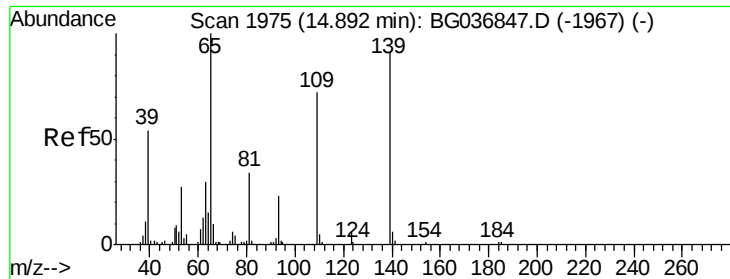
#51
Acenaphthene
Concen: 91.332 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.8	137.6
152	55.2	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

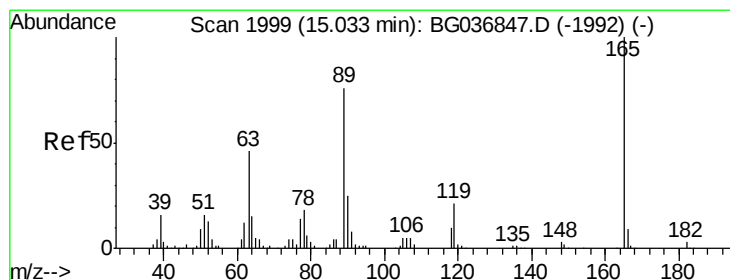
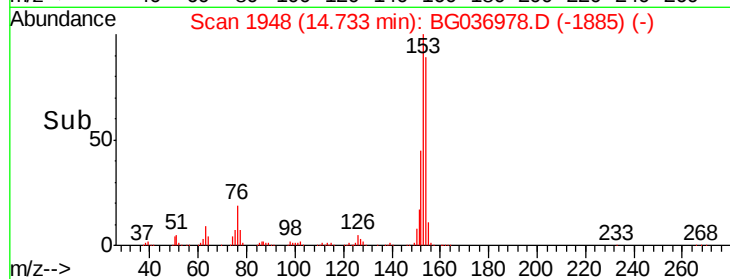
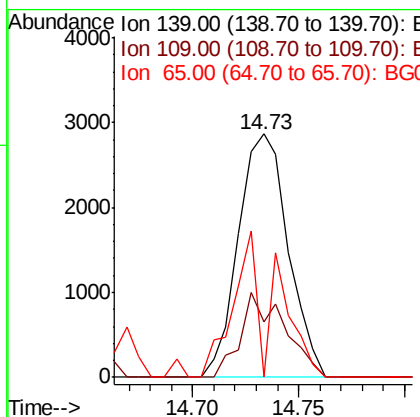
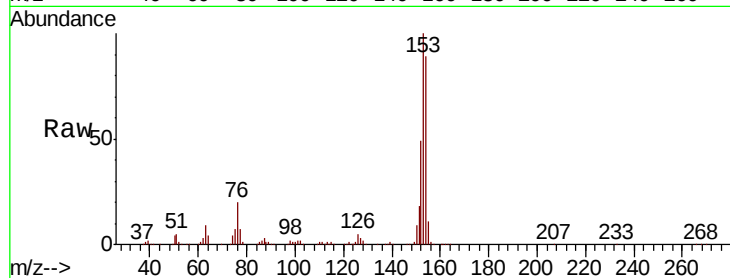




#55
4-Nitrophenol
Concen: 3.554 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.16 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

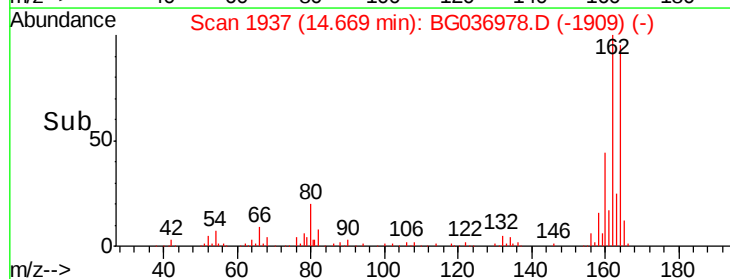
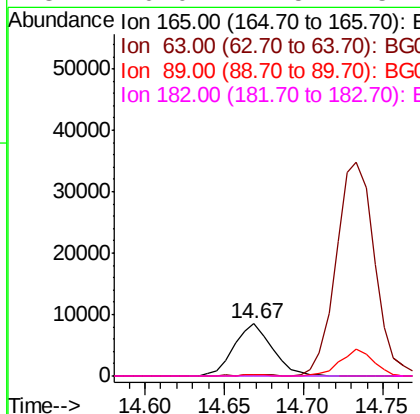
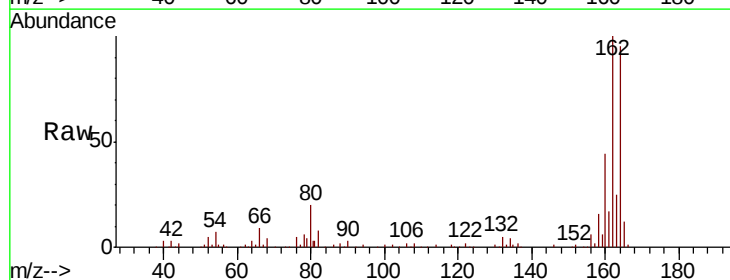
Instrument :
BNA_F
ClientSampleId :

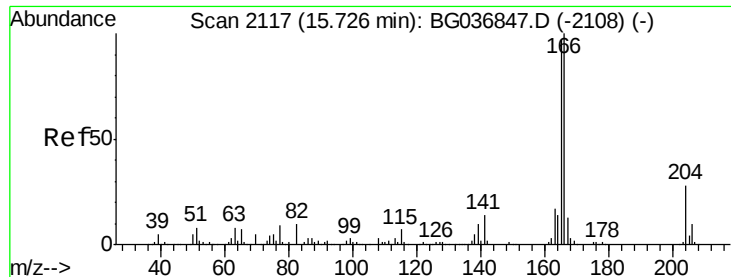
Tot Ion:139 Resp: 4677
Ion Ratio Lower Upper
139 100
109 22.9 63.9 103.9#
65 0.0 90.0 130.0#



#56
2,4-Dinitrotoluene
Concen: 5.223 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:165 Resp: 14247
Ion Ratio Lower Upper
165 100
63 2.4 40.1 60.1#
89 3.5 63.7 95.5#
182 0.0 2.5 3.7#

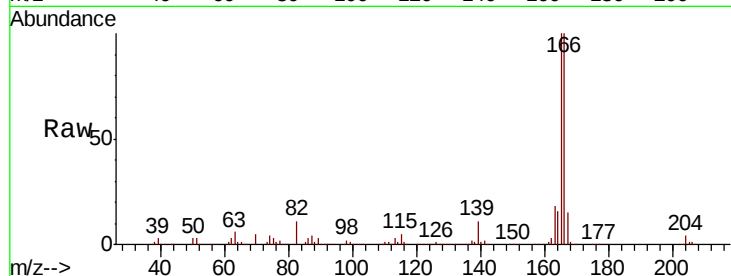




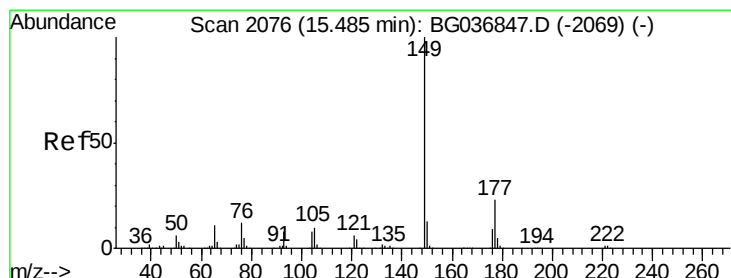
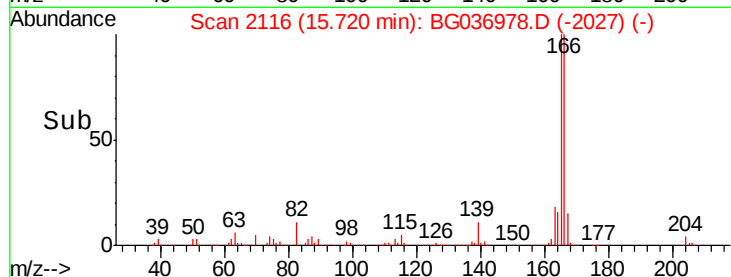
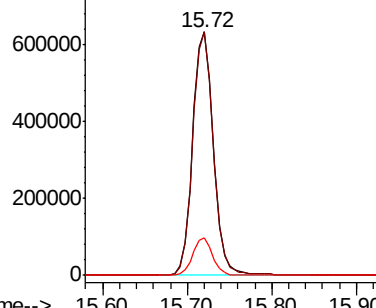
#57
 Fluorene
 Concen: 134.644 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1080833
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.0 115.4
 167 15.3 10.6 16.0

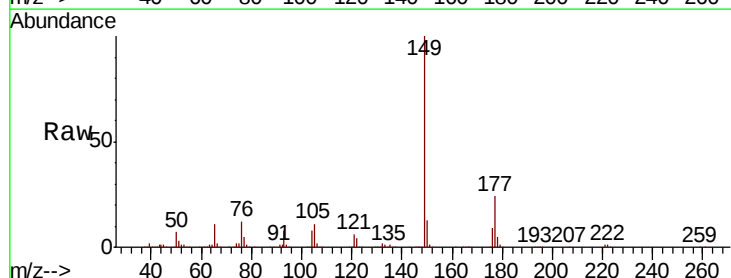


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

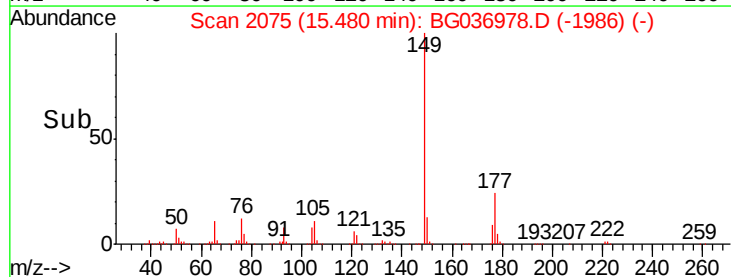
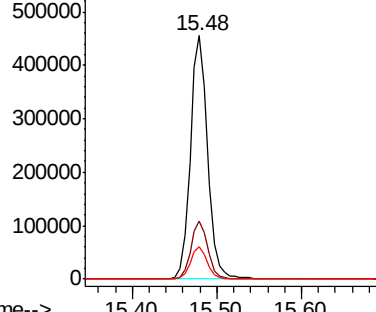


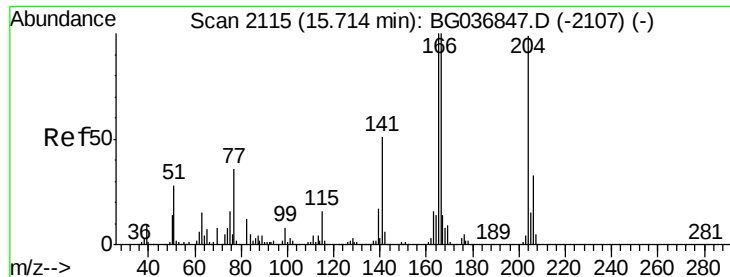
#59
 Diethylphthalate
 Concen: 72.060 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion:149 Resp: 651225
 Ion Ratio Lower Upper
 149 100
 177 24.0 19.1 28.7
 150 13.3 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

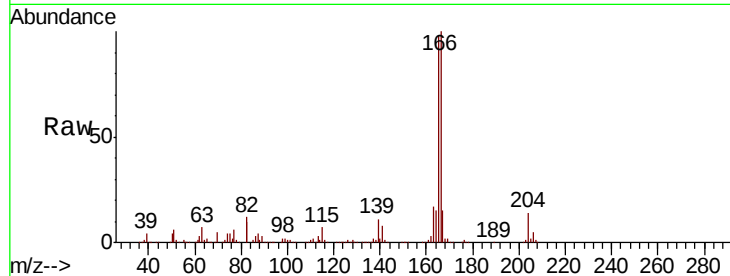




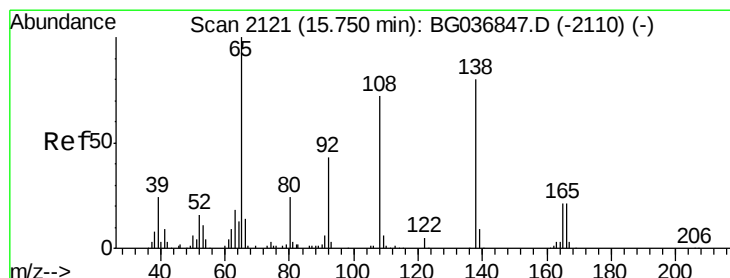
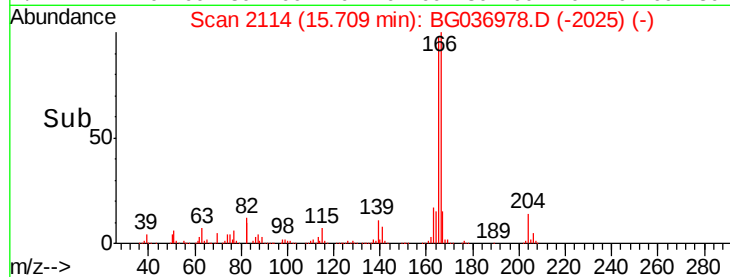
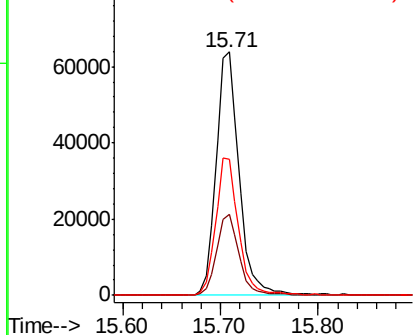
#60
4-Chlorophenyl-phenylether
Concen: 20.529 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 104362
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 55.7 43.8 65.6

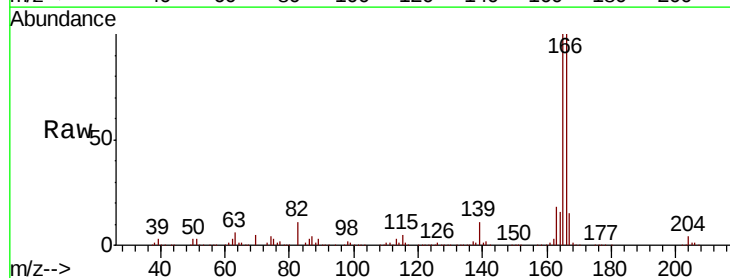


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

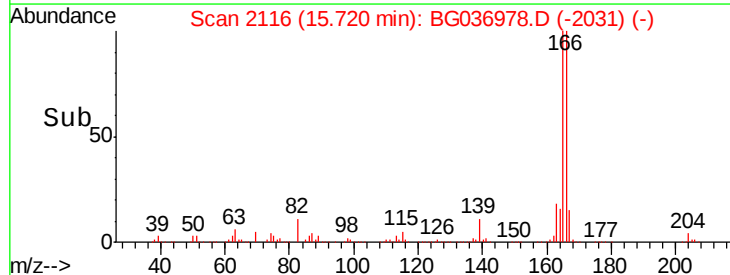
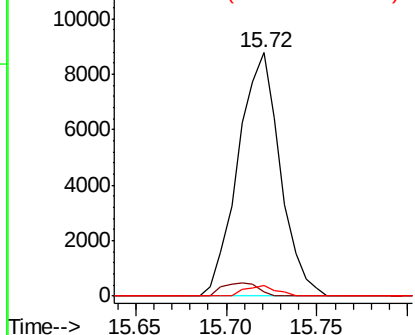


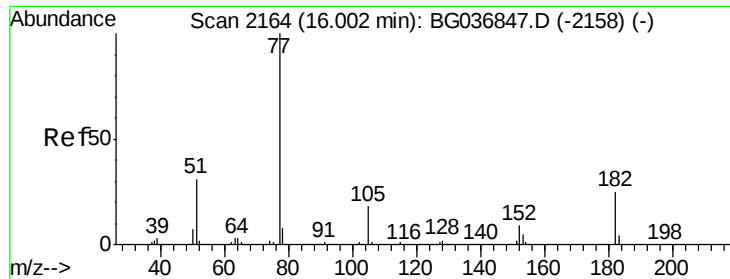
#61
4-Nitroaniline
Concen: 6.531 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.03 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:138 Resp: 14153
Ion Ratio Lower Upper
138 100
92 1.9 38.5 78.5#
108 4.4 70.3 110.3#



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





#62

Azobenzene

Concen: 5.273 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.29 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 45791

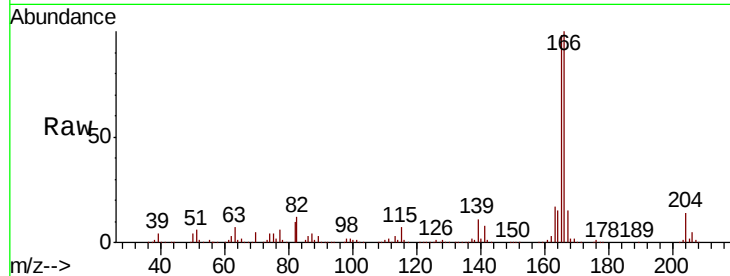
Ion Ratio Lower Upper

77 100

182 0.0 6.7 46.7#

105 0.0 0.0 39.8

51 103.9 12.4 52.4#

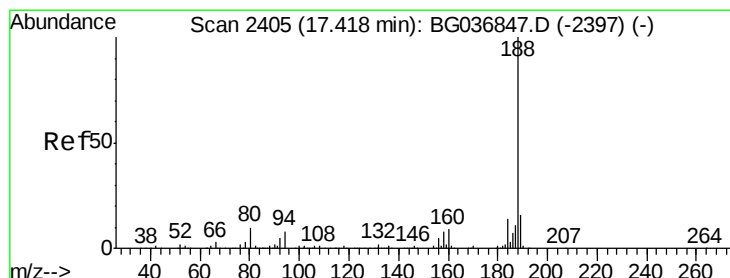
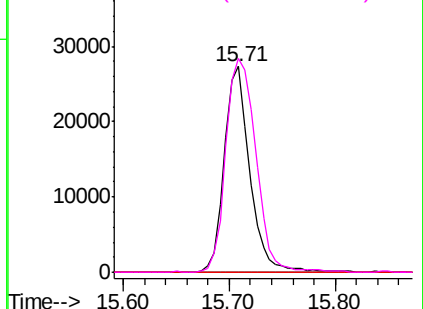
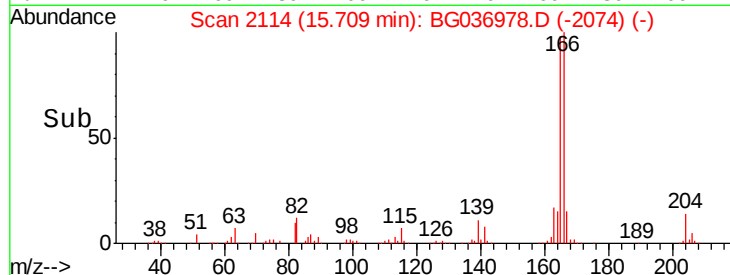


Abundance Ion 77.00 (76.70 to 77.70): BG036978.D (-2074) (-)

Ion 182.00 (181.70 to 182.70): BG036978.D (-2074) (-)

Ion 105.00 (104.70 to 105.70): BG036978.D (-2074) (-)

Ion 51.00 (50.70 to 51.70): BG036978.D (-2074) (-)



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

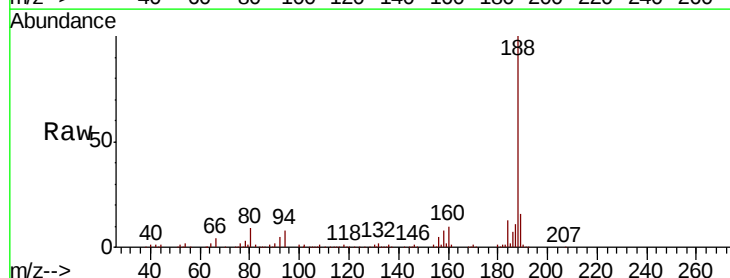
Tgt Ion: 188 Resp: 283041

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

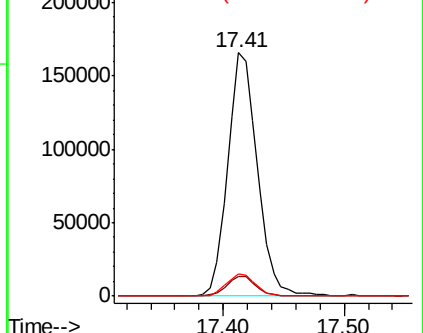
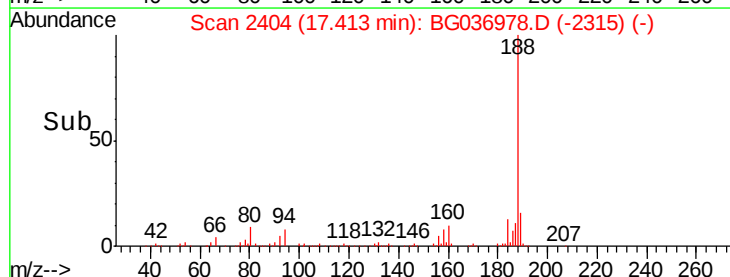
80 9.1 8.1 12.1

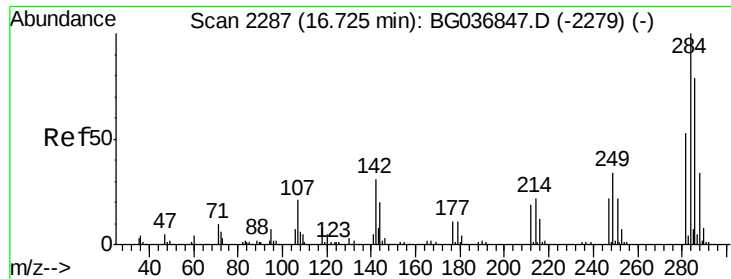


Abundance Ion 188.00 (187.70 to 188.70): BG036978.D (-2315) (-)

Ion 94.00 (93.70 to 94.70): BG036978.D (-2315) (-)

Ion 80.00 (79.70 to 80.70): BG036978.D (-2315) (-)

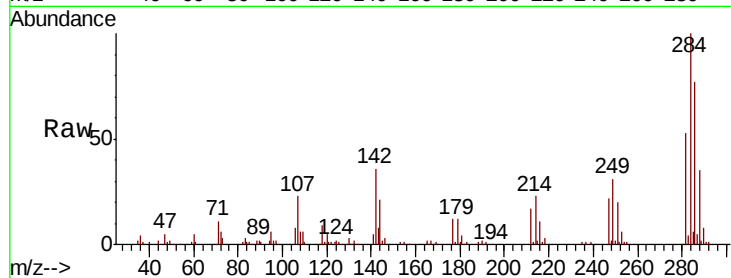




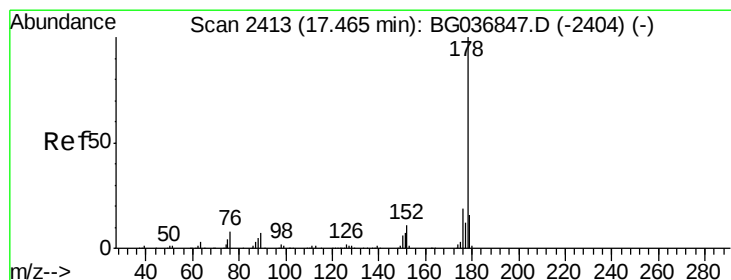
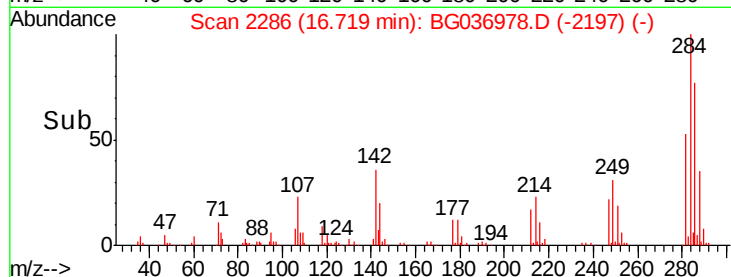
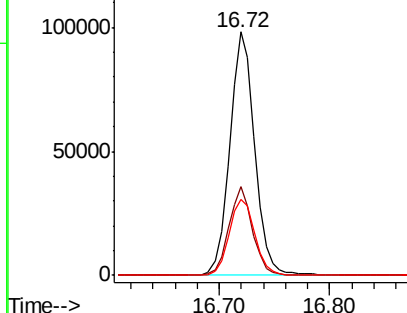
#67
Hexachlorobenzene
Concen: 46.754 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.8	41.6
249	31.1	27.4	41.2

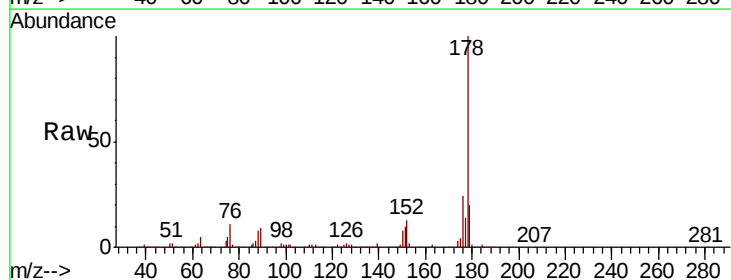


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

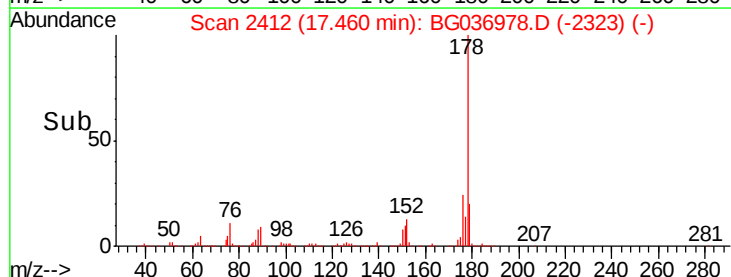
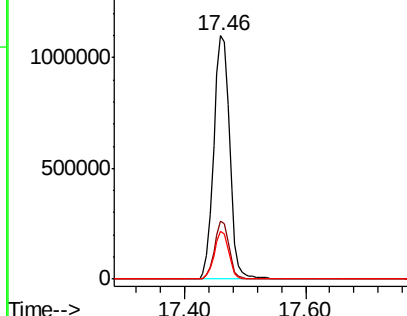


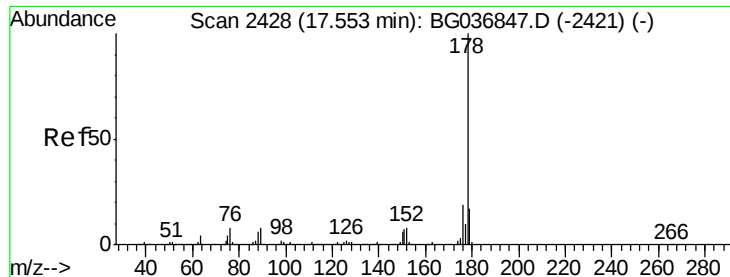
#70
Phenanthrene
Concen: 146.695 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.7	15.4	23.2#
179	19.6	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

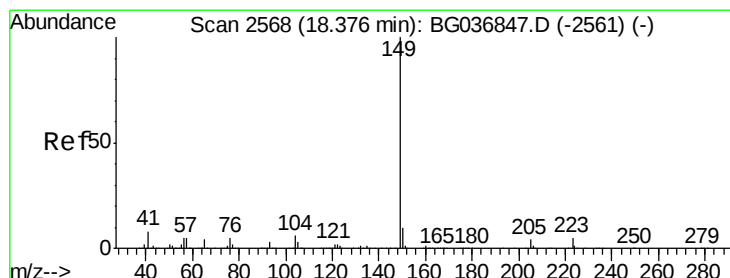
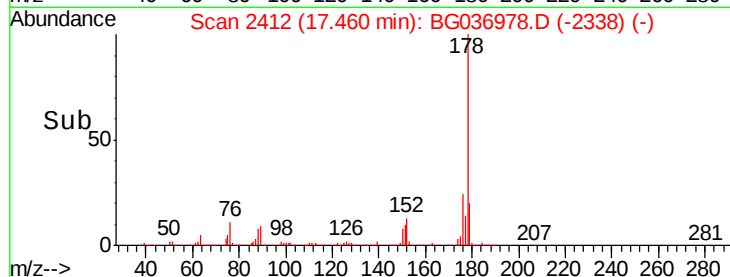
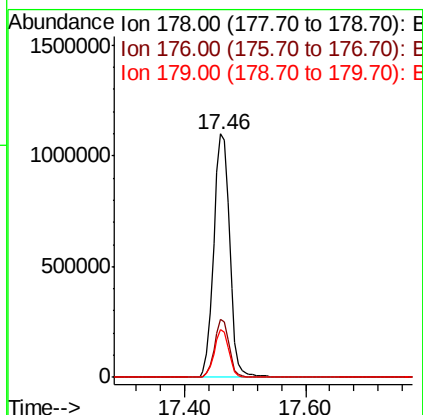
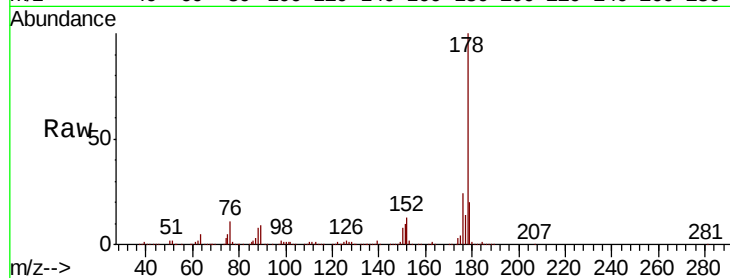




#71
 Anthracene
 Concen: 148.355 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.09 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

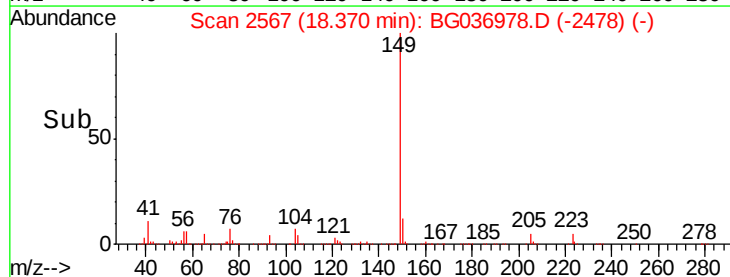
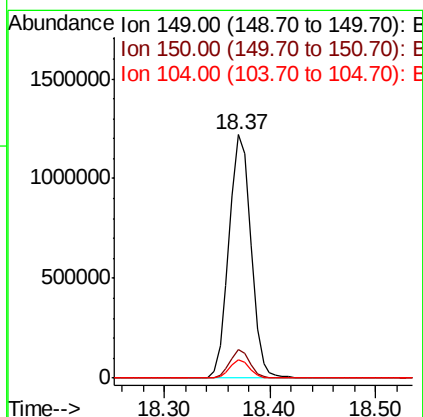
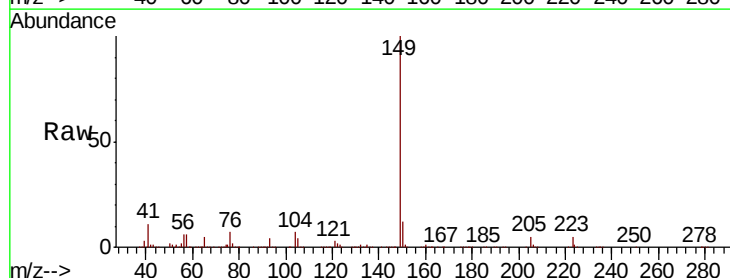
Instrument :
 BNA_F
 ClientSampled :

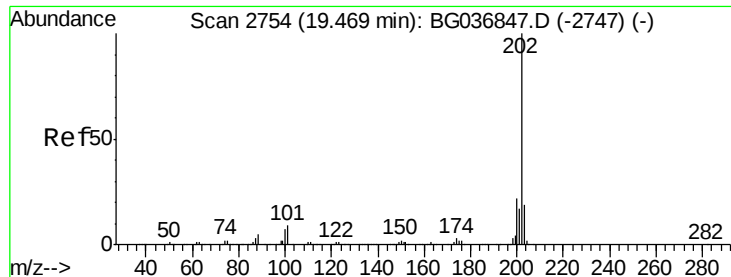
Tot Ion:178 Resp: 2000867
 Ion Ratio Lower Upper
 178 100
 176 23.7 15.4 23.2#
 179 19.6 13.0 19.4#



#73
 Di-n-butylphthalate
 Concen: 120.441 ng
 RT: 18.37 min Scan# 2567
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion:149 Resp: 1758850
 Ion Ratio Lower Upper
 149 100
 150 11.6 8.1 12.1
 104 7.5 4.6 6.8#





#74

Fluoranthene

Concen: 96.474 ng

RT: 19.83 min Scan# 2815

Delta R.T. 0.36 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

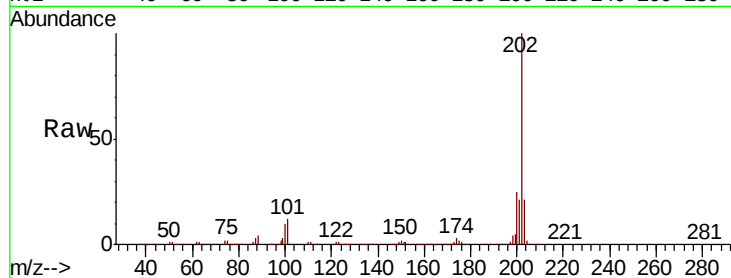
Tot Ion:202 Resp: 1583927

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.4

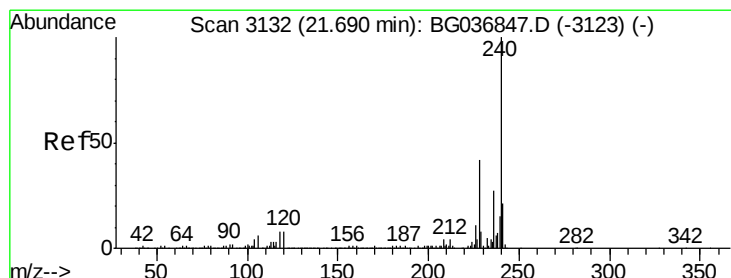
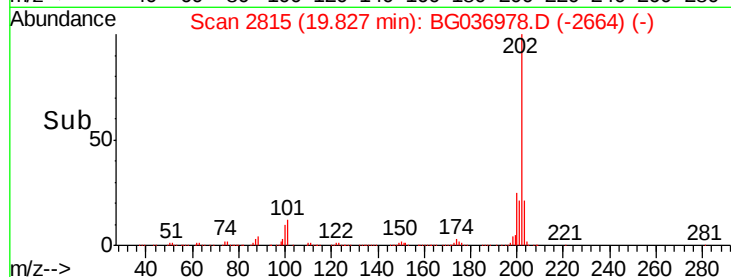
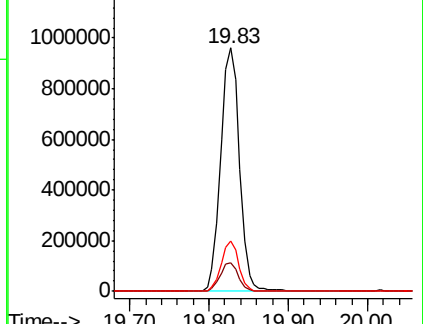
203 20.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

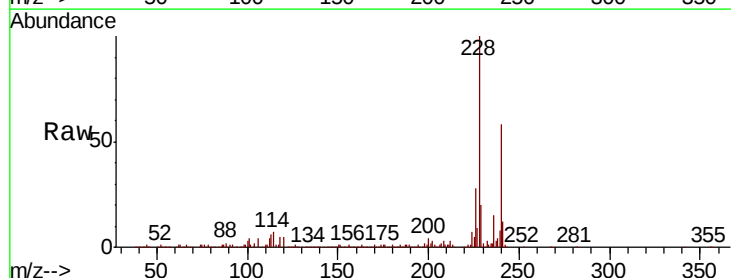
Tgt Ion:240 Resp: 281822

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

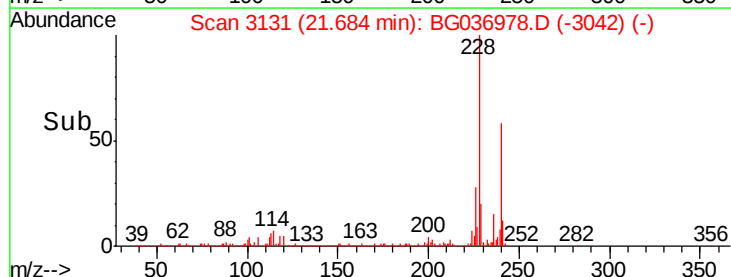
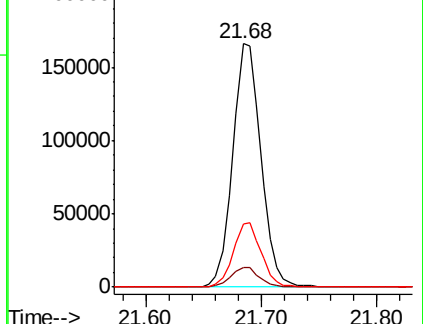
236 25.8 21.2 31.8

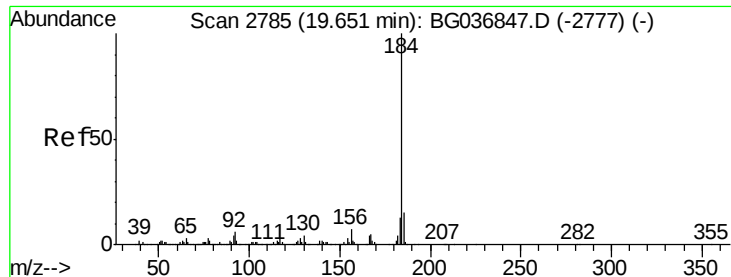


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.311 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

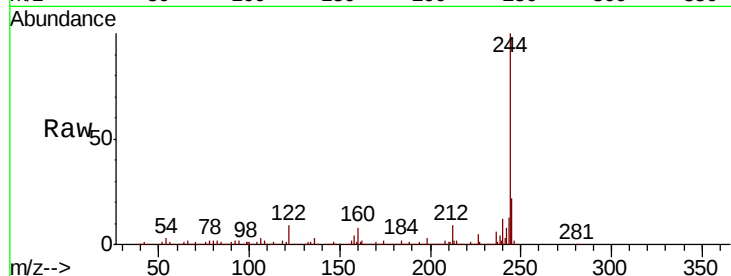
Tot Ion:184 Resp: 19686

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

183 8.8 10.9 16.3#

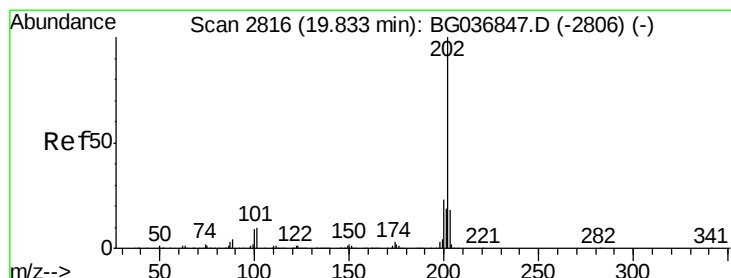
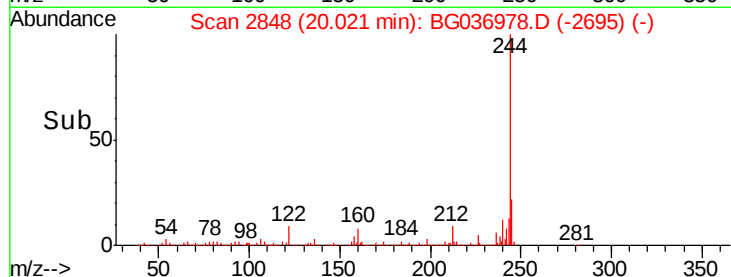
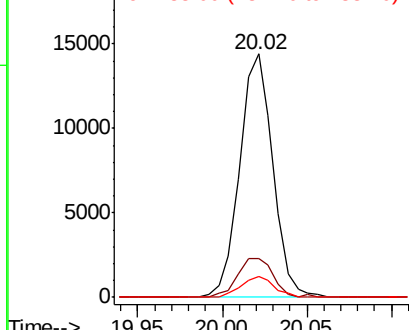


Abundance

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: 93.746 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

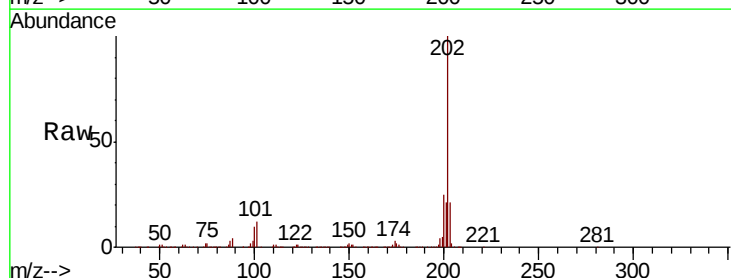
Tgt Ion:202 Resp: 1585400

Ion Ratio Lower Upper

202 100

200 24.7 18.3 27.5

203 20.6 15.1 22.7

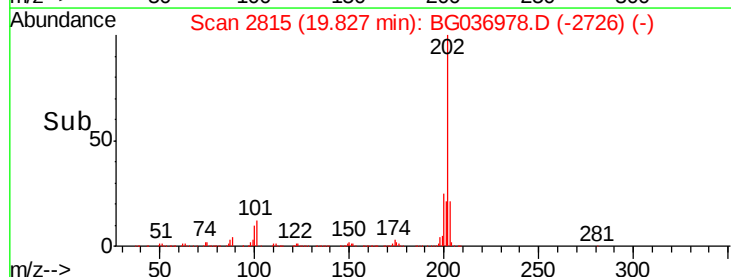
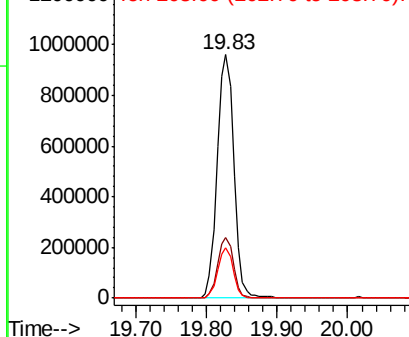


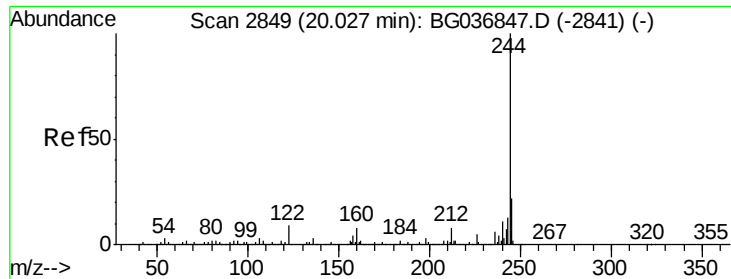
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



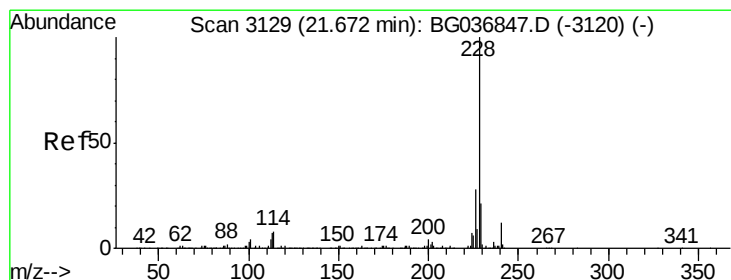
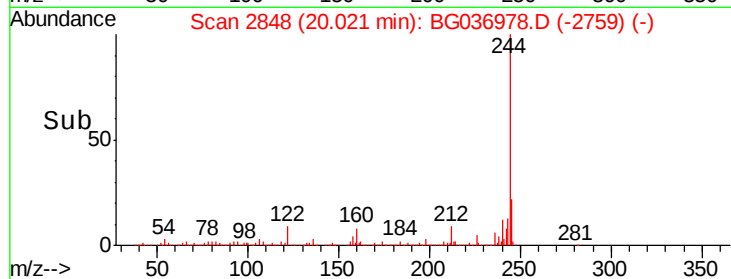
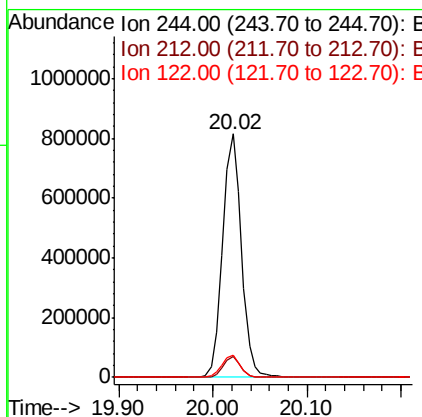
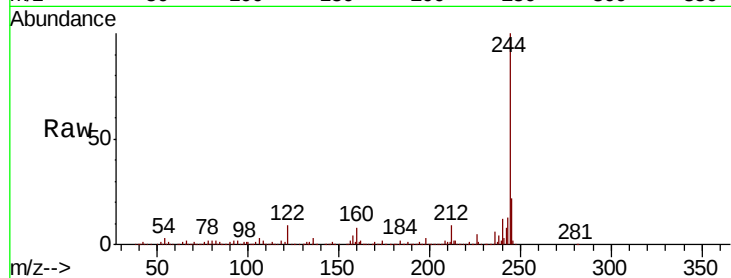


#78
 Terphenyl-d14
 Concen: 105.982 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1135889

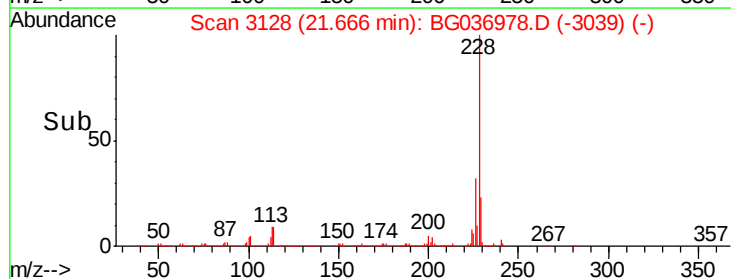
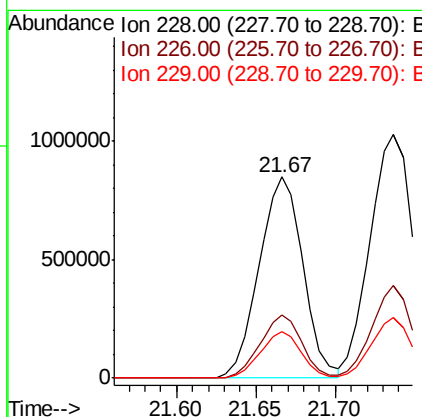
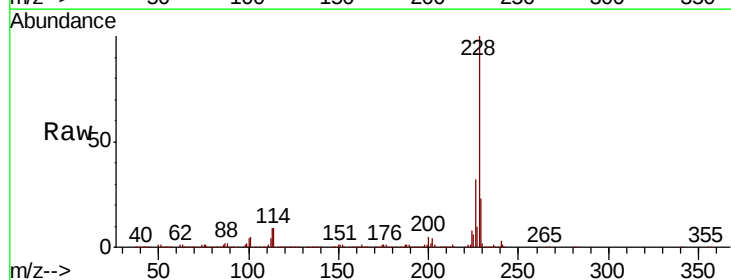
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.3	7.1	10.7

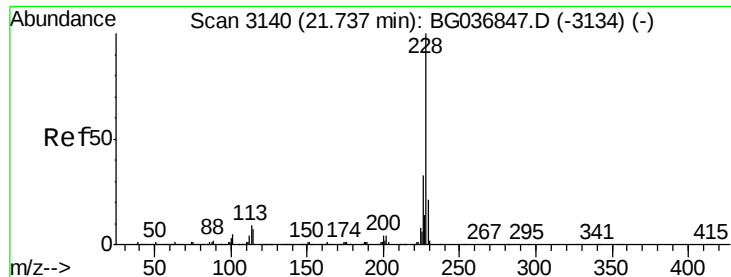


#80
 Benzo(a)anthracene
 Concen: 99.049 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion:228 Resp: 1629475

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	23.0	17.1	25.7





#82

Chrysene

Concen: 122.775 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

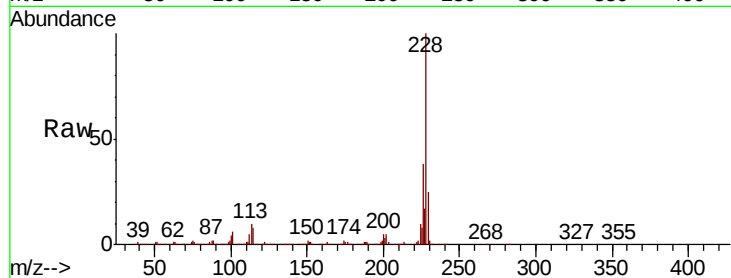
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1951542

Ion	Ratio	Lower	Upper
228	100		
226	38.1	25.5	38.3
229	24.9	16.9	25.3

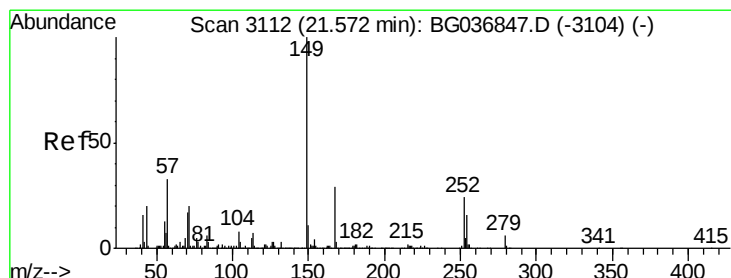
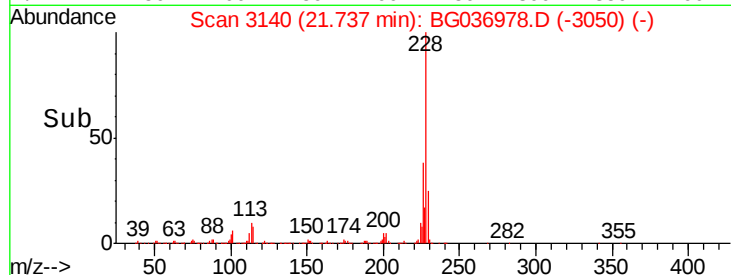
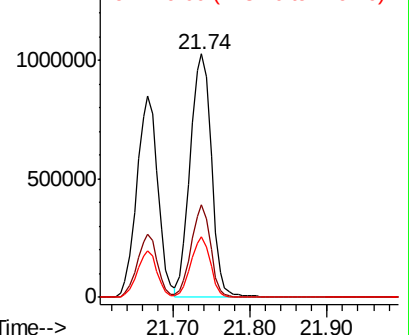


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 93.801 ng

RT: 21.57 min Scan# 3111

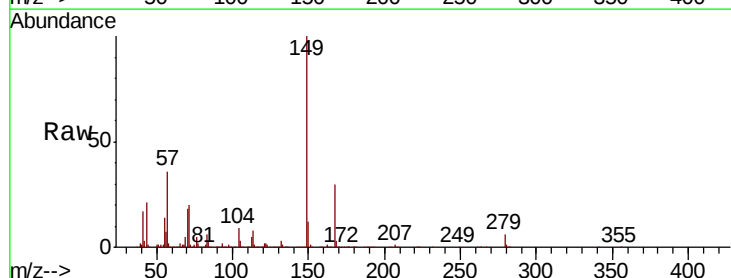
Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Tgt Ion:149 Resp: 883314

Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.4	35.0
279	6.0	4.6	7.0

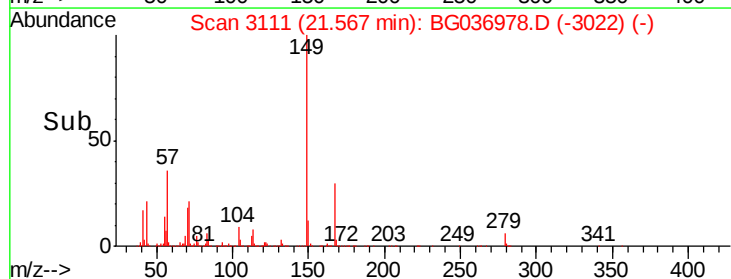
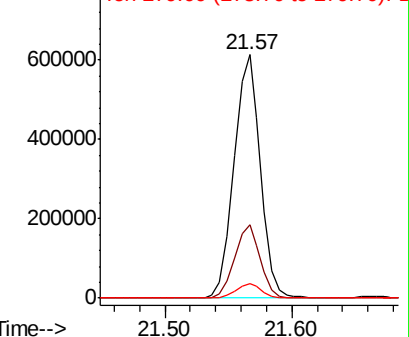


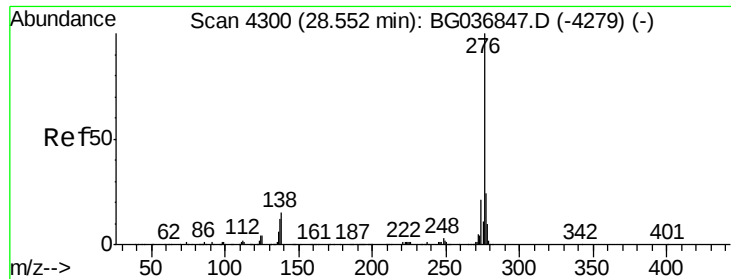
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

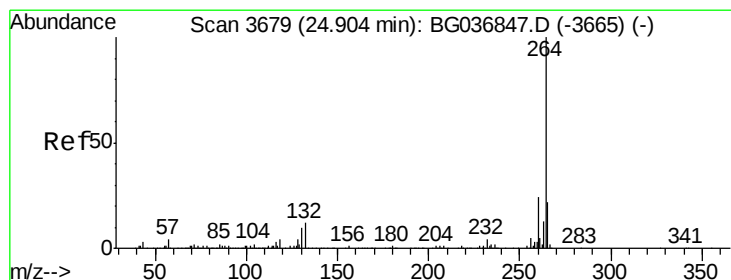
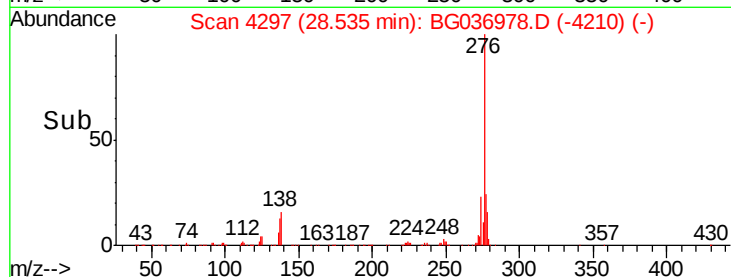
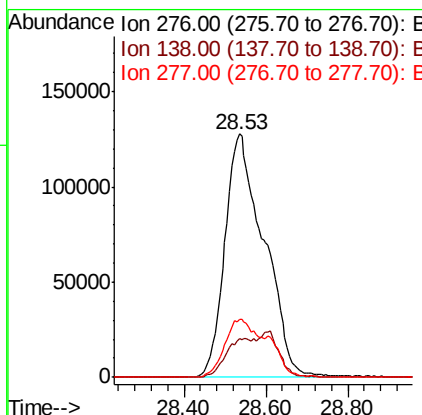
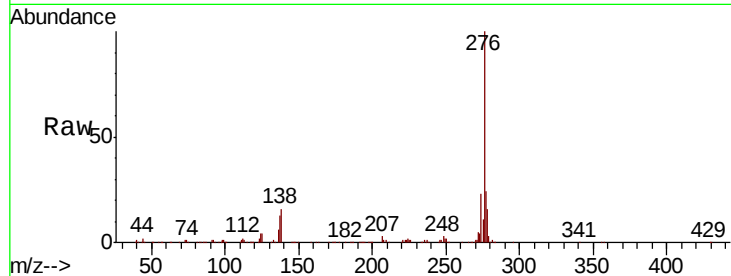




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.613 ng
 RT: 28.53 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

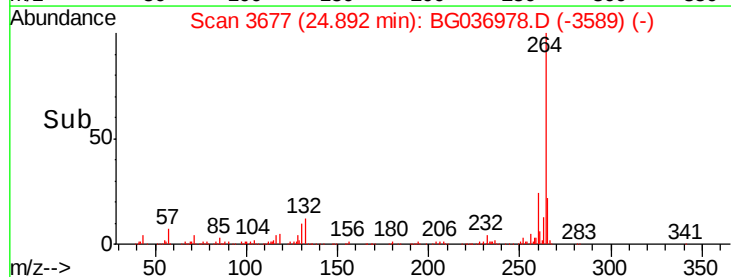
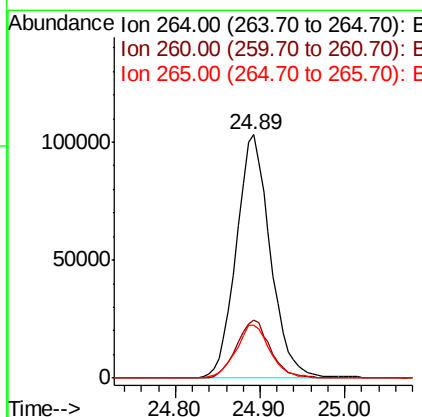
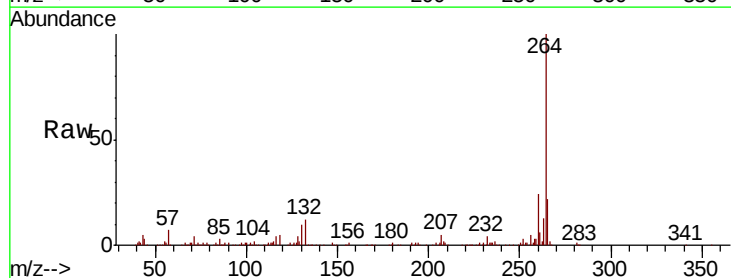
Instrument :
 BNA_F
 ClientSampleId :

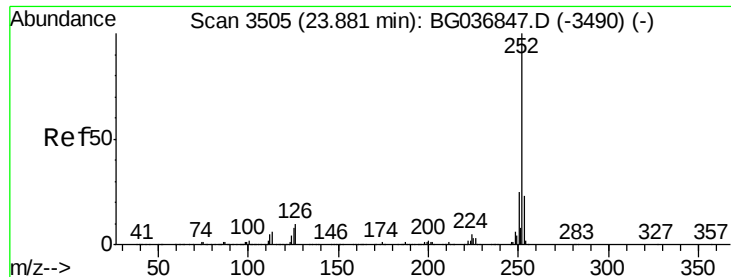
Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	10.6	15.8#
277	19.7	20.6	30.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036978.D
 Acq: 26 Sep 2018 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 161.898 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampled :

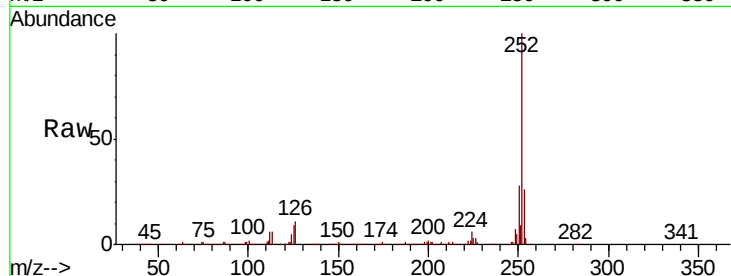
Tot Ion:252 Resp: 2476067

Ion Ratio Lower Upper

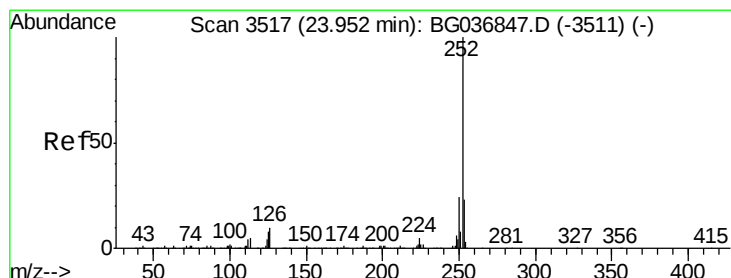
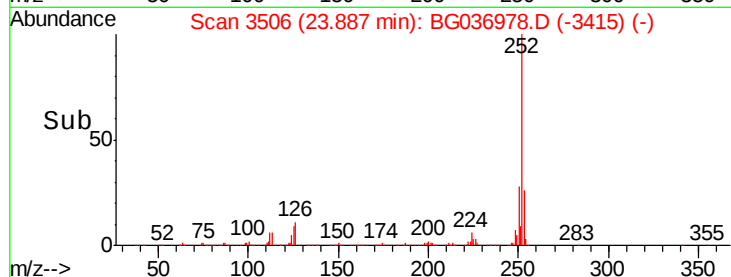
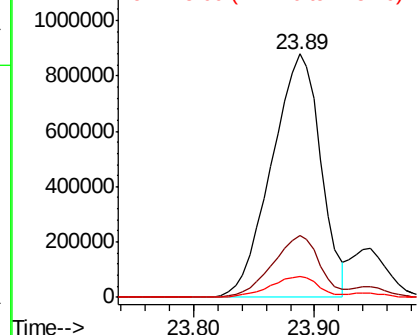
252 100

253 25.6 17.1 25.7

125 8.7 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.717 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

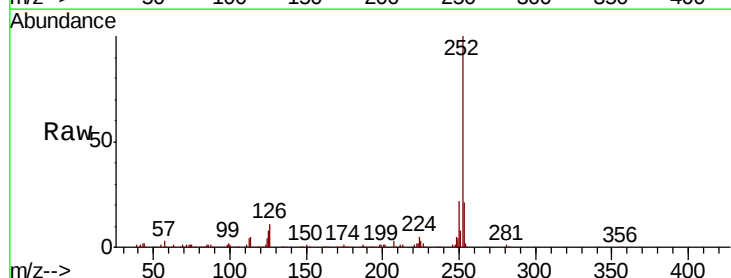
Tgt Ion:252 Resp: 333227

Ion Ratio Lower Upper

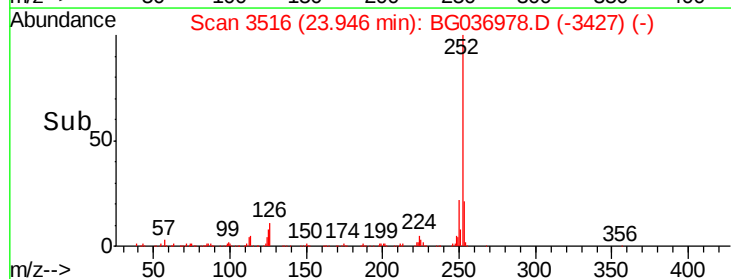
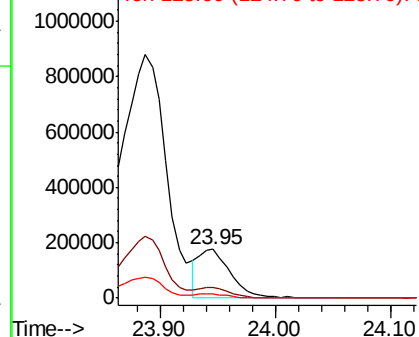
252 100

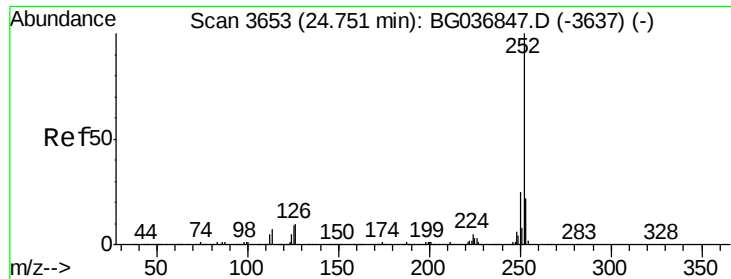
253 21.4 18.0 27.0

125 7.6 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 165.686 ng

RT: 24.76 min Scan# 3655

Delta R.T. 0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

Instrument :

BNA_F

ClientSampleId :

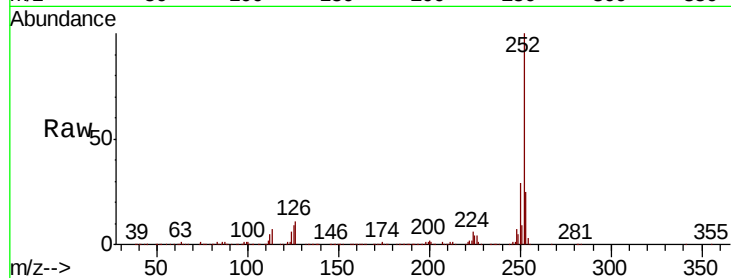
Tot Ion:252 Resp: 2449813

Ion Ratio Lower Upper

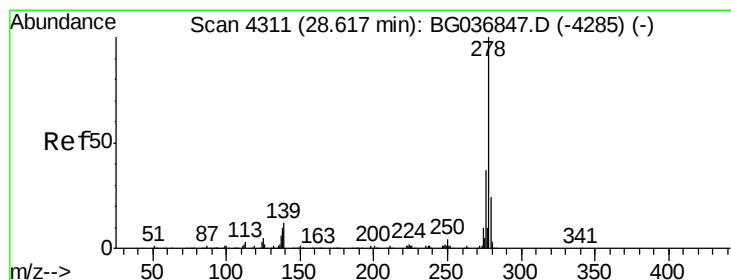
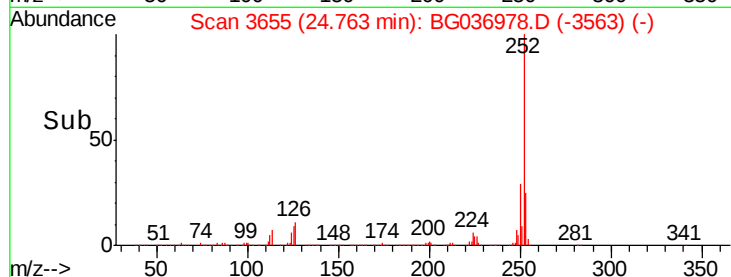
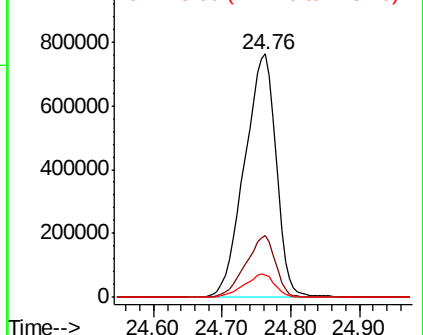
252 100

253 25.3 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: 72.913 ng

RT: 28.61 min Scan# 4310

Delta R.T. -0.01 min

Lab File: BG036978.D

Acq: 26 Sep 2018 12:01

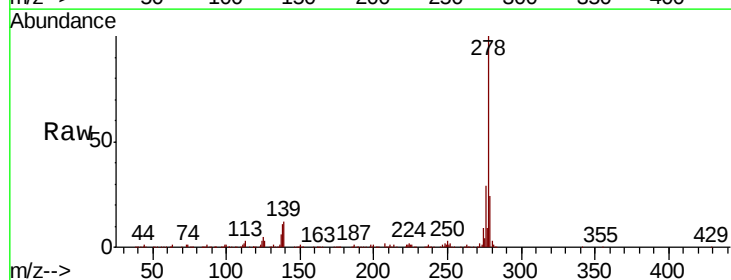
Tgt Ion:278 Resp: 1010390

Ion Ratio Lower Upper

278 100

139 11.9 11.0 16.4

279 23.9 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

