

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036977.D
 Acq On : 26 Sep 2018 10:28
 Operator : JU/SJ
 Sample : J4870-03DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 13:53:52 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	59607	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	261202	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	163308	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	396950	20.00	ng	0.00
75) Chrysene-d12	21.68	240	396752	20.00	ng	-0.01
86) Perylene-d12	24.89	264	390204	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	90953	29.26	ng	0.00
7) Phenol-d6	7.20	99	131243	27.29	ng	-0.01
23) Nitrobenzene-d5	9.20	82	90962	18.65	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	47525	24.32	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	219628	20.03	ng	-0.01
78) Terphenyl-d14	20.02	244	354399	23.49	ng	-0.01

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.85	42	25119	13.762	ng	# 92
12) 1,3-Dichlorobenzene	7.94	146	90277	20.404	ng	97
13) 1,4-Dichlorobenzene	7.94	146	90277	19.938	ng	97
14) 1,2-Dichlorobenzene	8.39	146	54876	12.507	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	210008	23.828	ng	100
19) n-Nitroso-di-n-propylamine	8.84	70	97633	24.406	ng	97
24) Nitrobenzene	9.25	77	47568	9.132	ng	94
25) Isophorone	9.76	82	138725	15.565	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	48809	10.403	ng	97
31) Naphthalene	10.90	128	373751	30.073	ng	99
33) 4-Chloroaniline	10.90	127	50678	8.968	ng	# 33
40) Hexachlorocyclopentadiene	12.84	237	34152	11.658	ng	97
46) 2-Chloronaphthalene	13.55	162	85429	8.686	ng	97
48) Acenaphthylene	14.39	152	343760	22.304	ng	97
50) 2,6-Dinitrotoluene	14.66	165	20987	7.318	ng	# 22
51) Acenaphthene	14.73	154	181279	19.461	ng	99
56) 2,4-Dinitrotoluene	14.66	165	20987	5.244	ng	# 20
57) Fluorene	15.72	166	353060	29.980	ng	97
59) Diethylphthalate	15.47	149	199880	15.076	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	30675	4.113	ng	98
67) Hexachlorobenzene	16.72	284	45693	9.826	ng	96
70) Phenanthrene	17.45	178	679501	35.522	ng	99
71) Anthracene	17.45	178	679501	35.924	ng	99
73) Di-n-butylphthalate	18.36	149	568493	27.758	ng	99
74) Fluoranthene	19.82	202	493645	21.439	ng	98
77) Pyrene	19.82	202	493645	20.734	ng	98
80) Benzo(a)anthracene	21.66	228	510456	22.040	ng	97
82) Chrysene	21.73	228	637440	28.486	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	267754	20.197	ng	98
85) Indeno(1,2,3-cd)pyrene	28.52	276	229572	9.554	ng	# 95
87) Benzo(b)fluoranthene	23.87	252	751744	36.150	ng	97
88) Benzo(k)fluoranthene	23.93	252	99508	4.770	ng	97
89) Benzo(a)pyrene	24.74	252	733037	36.462	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	278302	14.771	ng	98

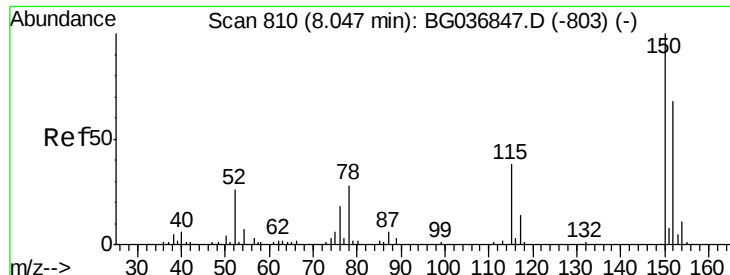
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036977.D
Acq On : 26 Sep 2018 10:28
Operator : JU/SJ
Sample : J4870-03DL 5X
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

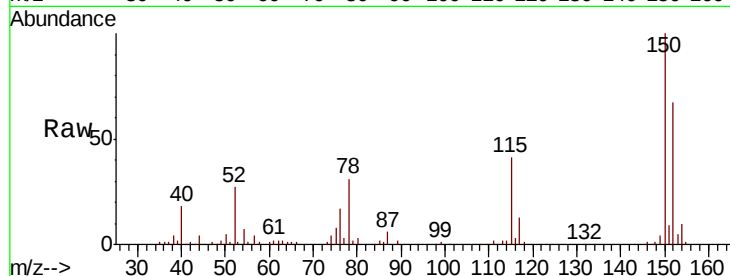


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	119.5	179.3
115	61.9	44.5	66.7

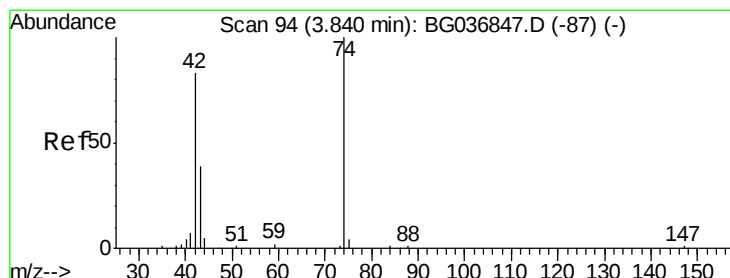
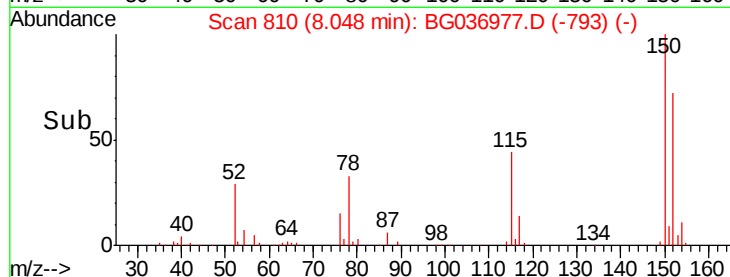
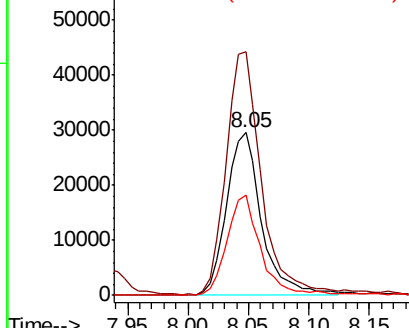


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

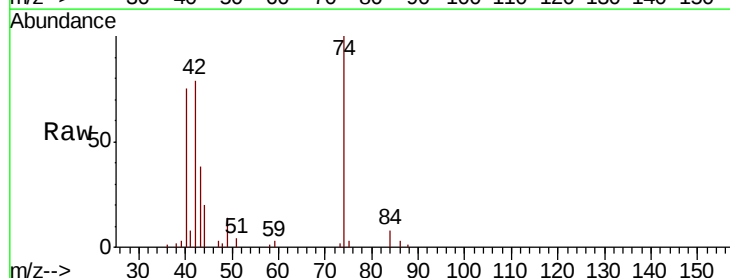
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 13.762 ng
RT: 3.85 min Scan# 95
Delta R.T. 0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.0	96.6	145.0
44	25.7	7.0	10.4

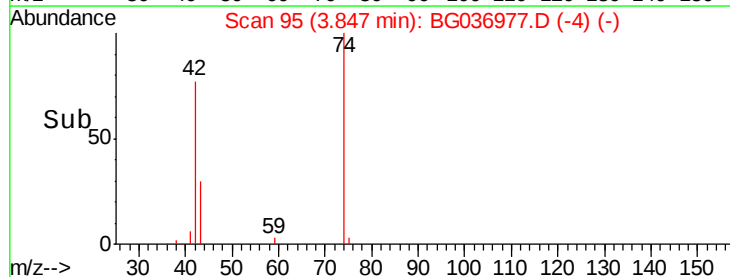
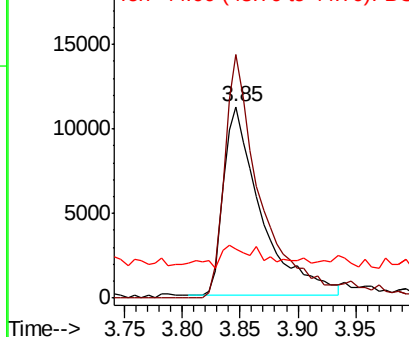


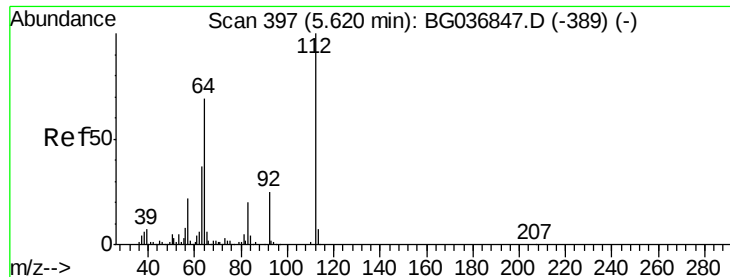
Abundance

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: 29.263 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampled :

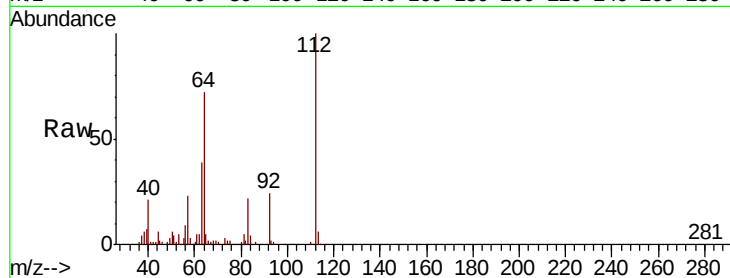
Tot Ion:112 Resp: 90953

Ion Ratio Lower Upper

112 100

64 71.7 57.2 85.8

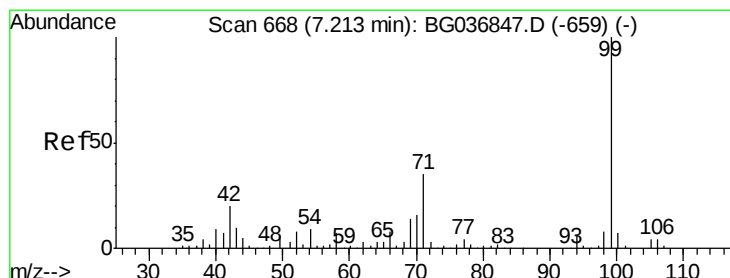
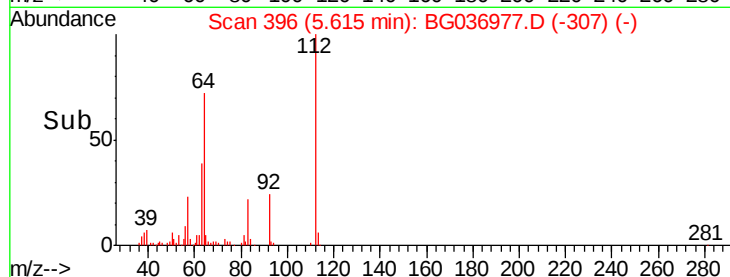
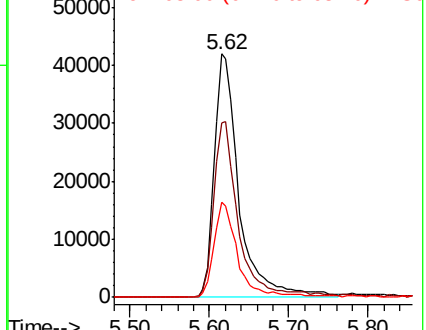
63 39.0 30.8 46.2



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: 27.292 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

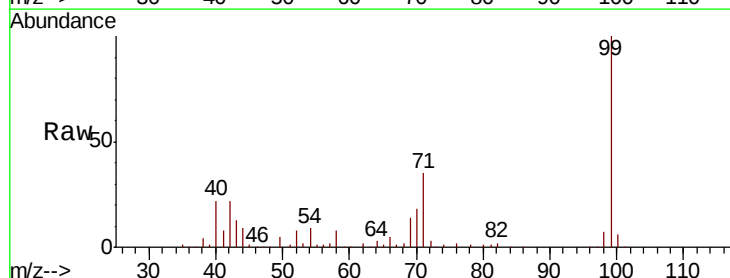
Tgt Ion: 99 Resp: 131243

Ion Ratio Lower Upper

99 100

42 22.1 16.5 24.7

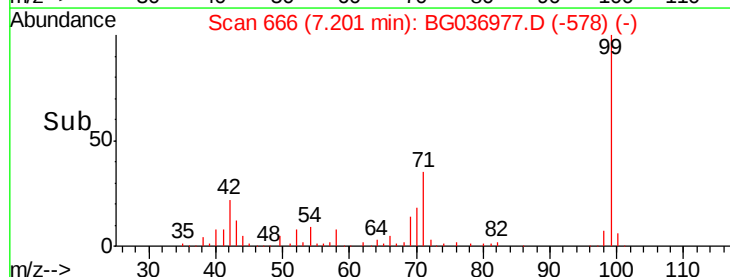
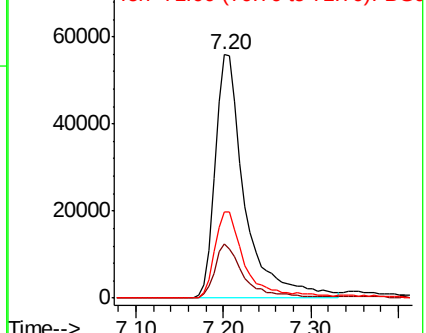
71 35.5 29.4 44.2

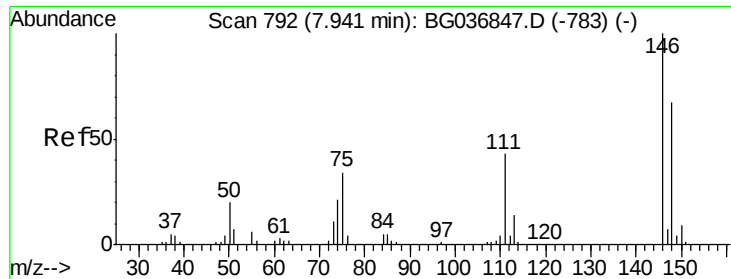


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#12

1,3-Dichlorobenzene

Concen: 20.404 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

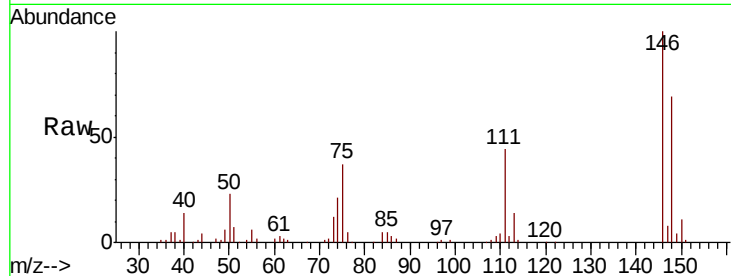
Tot Ion:146 Resp: 90277

Ion Ratio Lower Upper

146 100

148 69.0 53.8 80.6

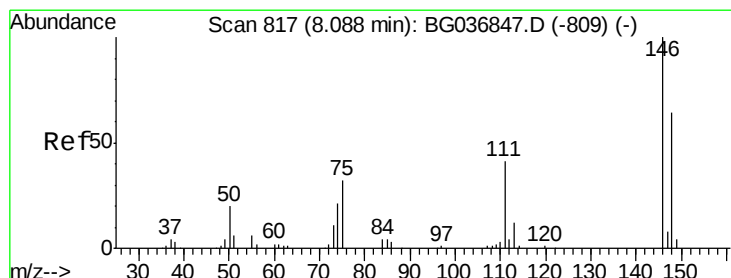
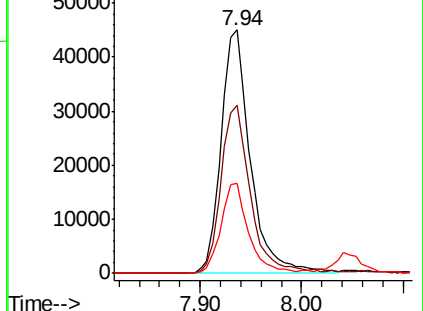
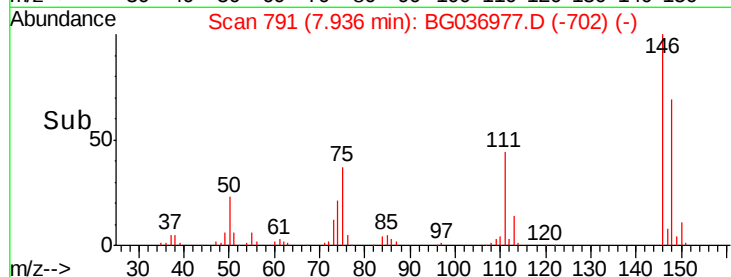
75 36.8 27.2 40.8



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: 19.938 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.15 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

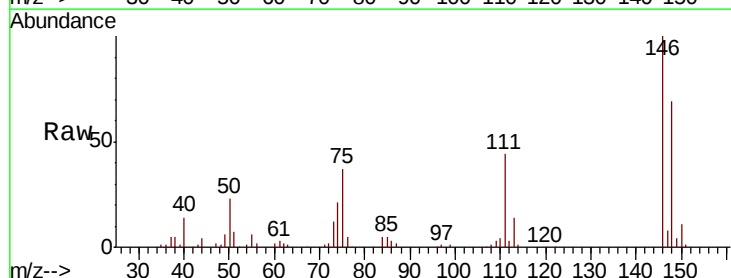
Tgt Ion:146 Resp: 90277

Ion Ratio Lower Upper

146 100

148 69.0 53.9 80.9

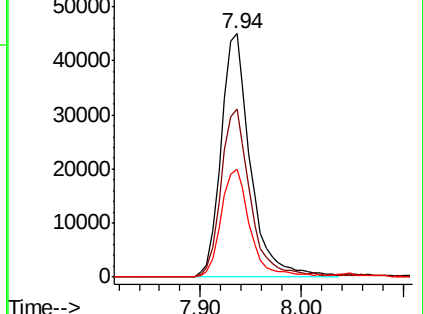
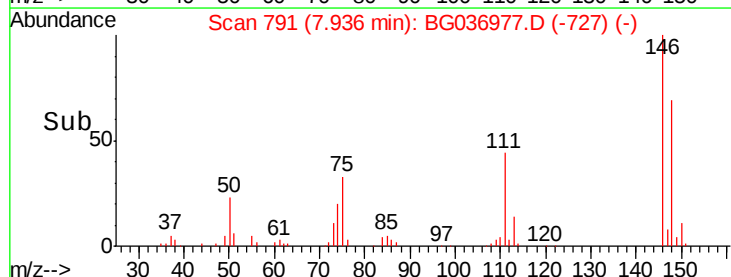
111 44.3 33.8 50.6

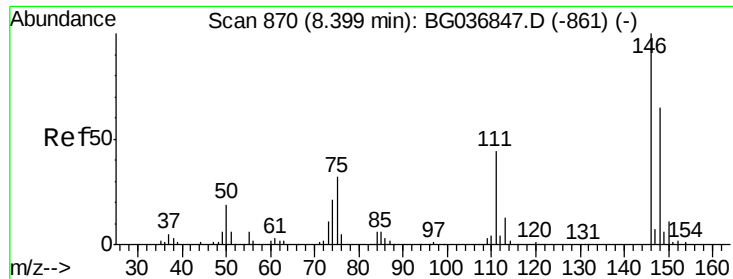


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.507 ng

RT: 8.39 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

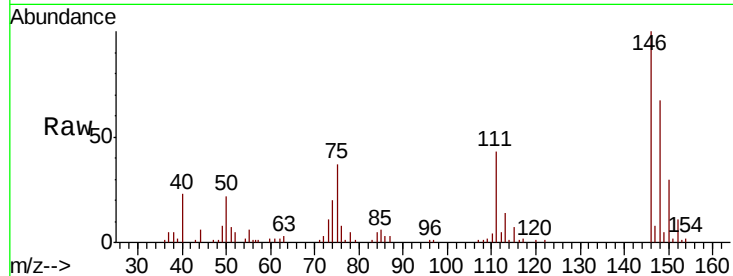
Tot Ion:146 Resp: 54876

Ion Ratio Lower Upper

146 100

148 66.7 55.0 82.6

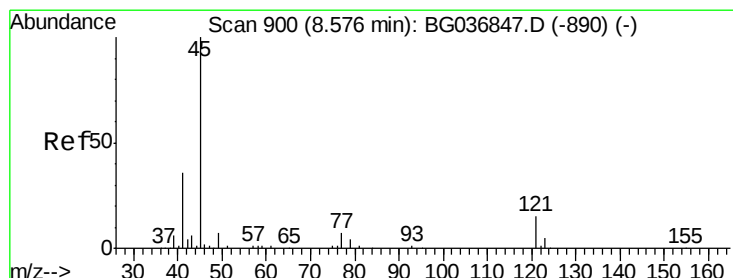
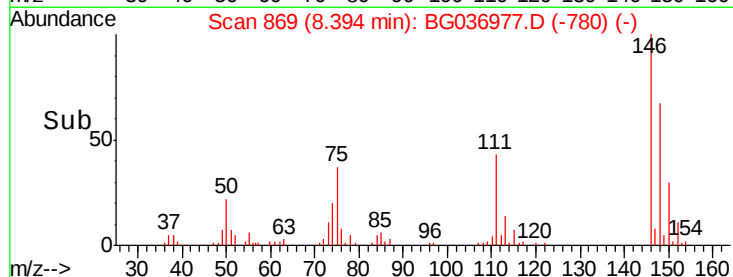
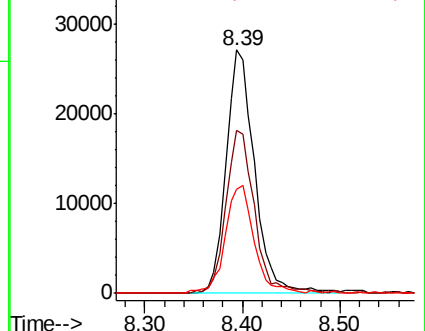
111 42.8 34.6 51.8



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: 23.828 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

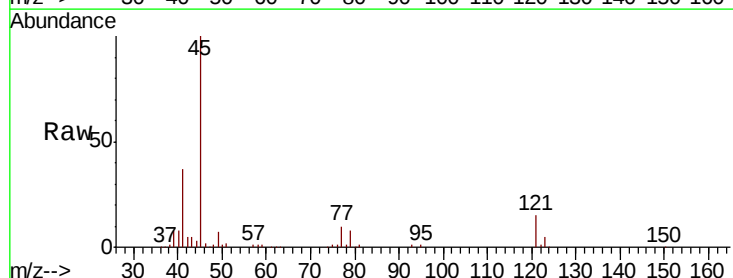
Tgt Ion: 45 Resp: 210008

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.5

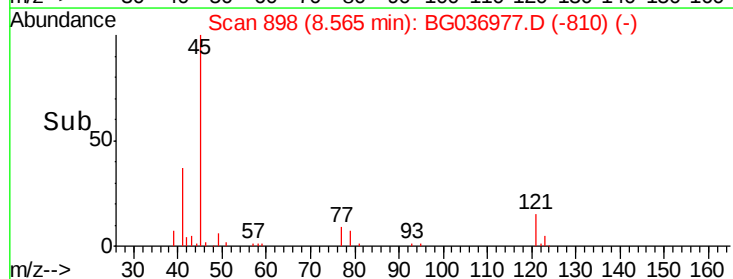
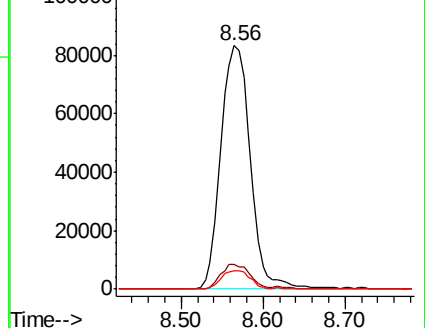
79 7.7 0.0 27.9

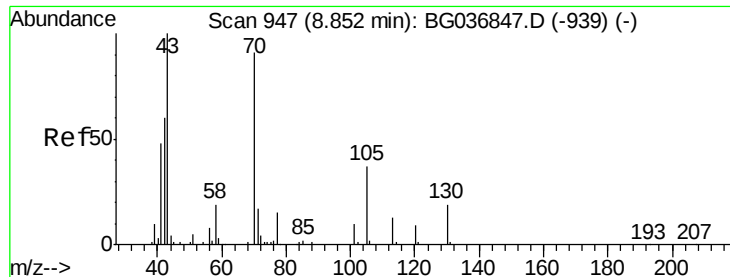


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

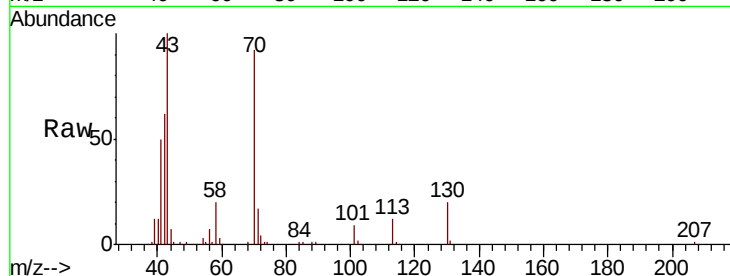




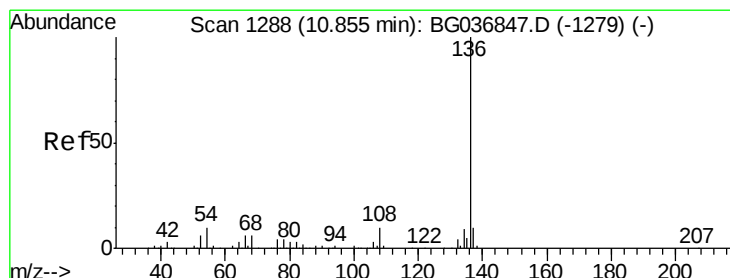
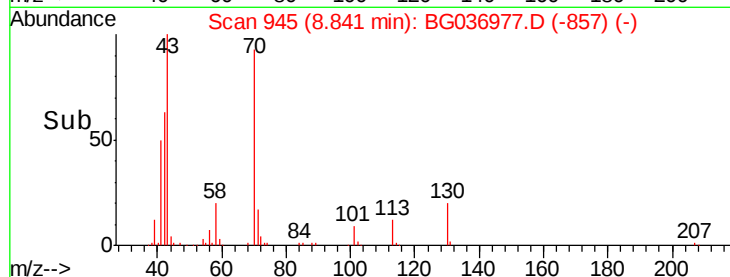
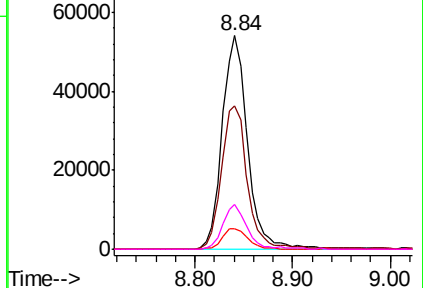
#19
n-Nitroso-di-n-propylamine
Concen: 24.406 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	97633
Ion	Ratio	Lower	Upper
70	100		
42	67.2	56.2	84.4
101	9.8	7.8	11.6
130	21.3	16.2	24.2

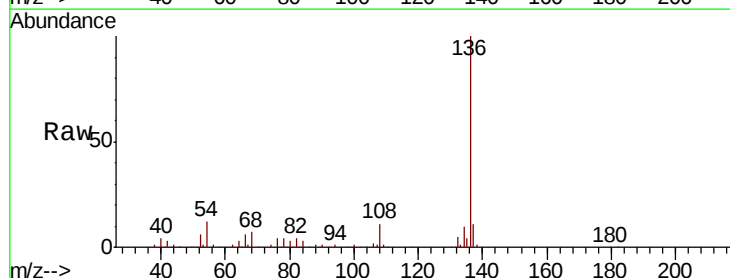


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

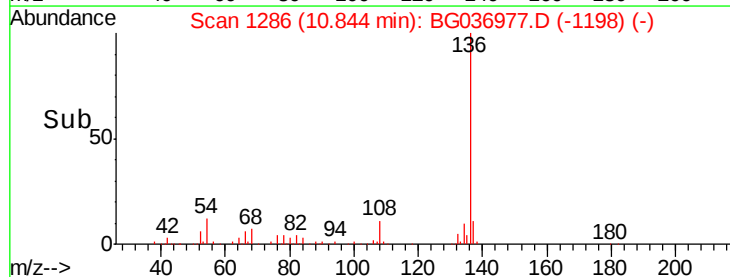
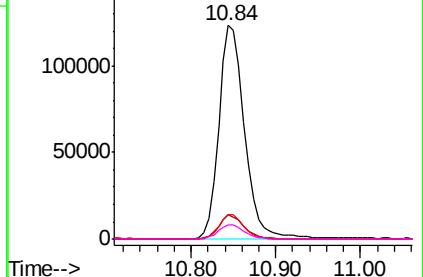


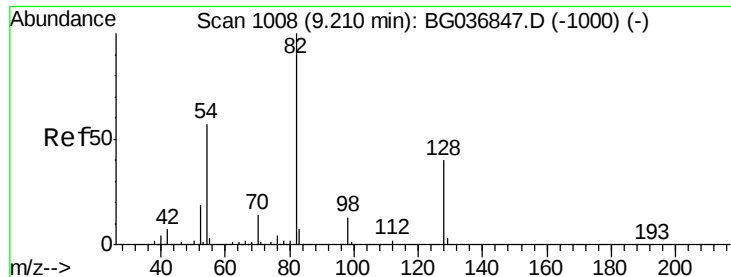
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:	136	Resp:	261202
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.5	9.2	13.8
68	6.7	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

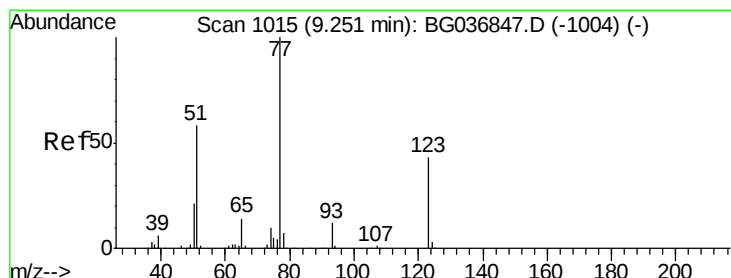
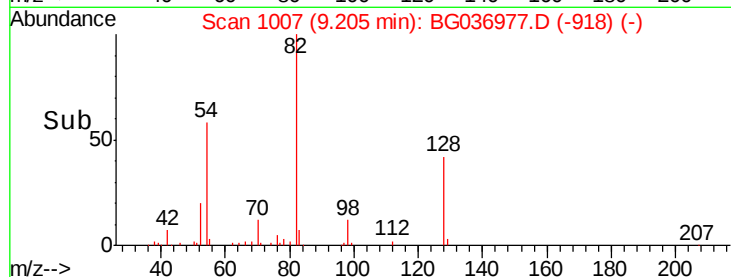
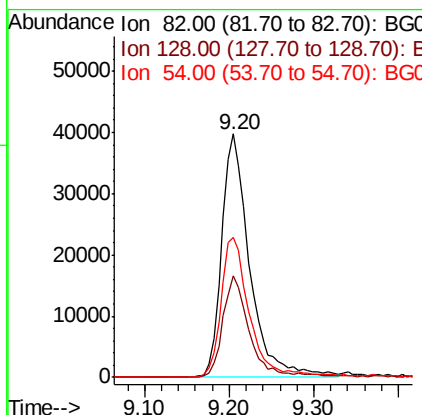
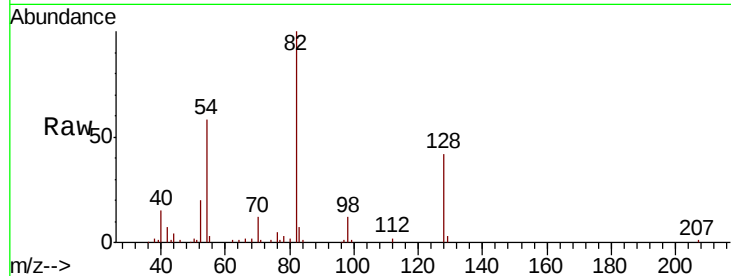




#23
 Nitrobenzene-d5
 Concen: 18.649 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036977.D
 Acq: 26 Sep 2018 10:28

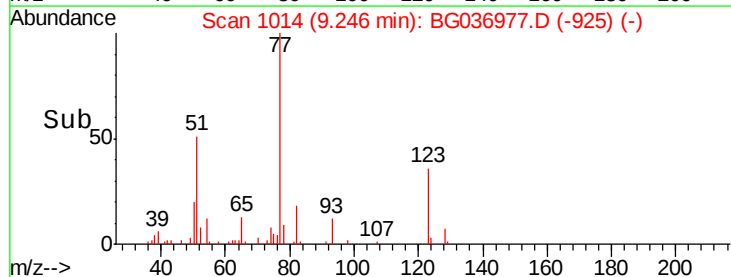
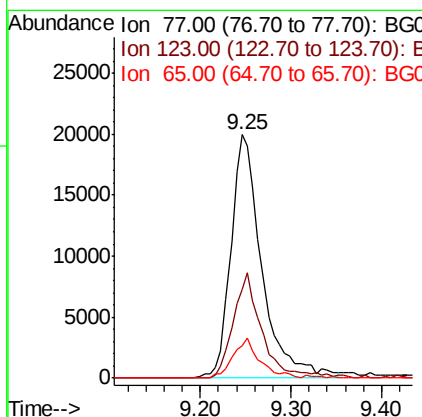
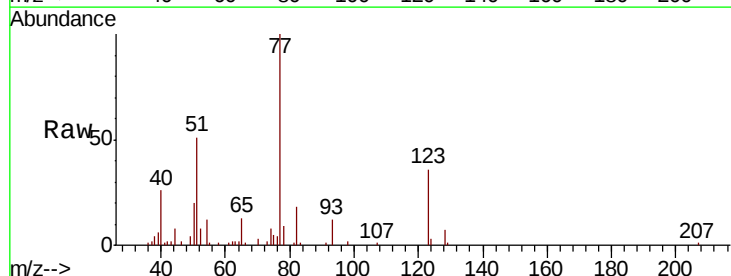
Instrument :
 BNA_F
 ClientSampled :

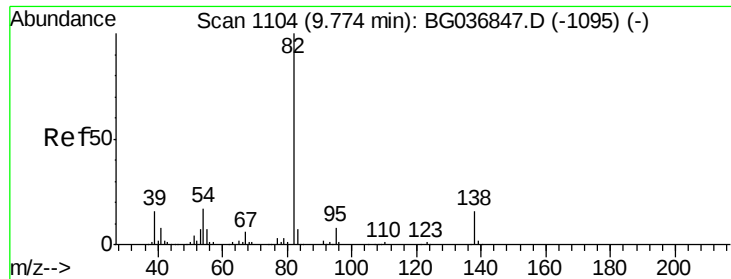
Tot Ion	82	Resp	90962
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.3	49.9
54	57.7	45.1	67.7



#24
 Nitrobenzene
 Concen: 9.132 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG036977.D
 Acq: 26 Sep 2018 10:28

Tgt Ion	77	Resp	47568
Ion Ratio	Lower	Upper	
77	100		
123	36.4	32.4	48.6
65	13.3	11.5	17.3





#25

Isophorone

Concen: 15.565 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

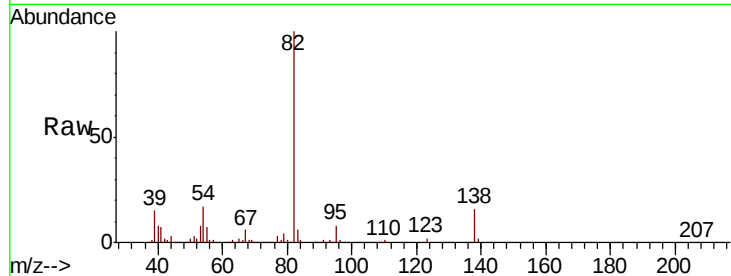
Tot Ion: 82 Resp: 138725

Ion Ratio Lower Upper

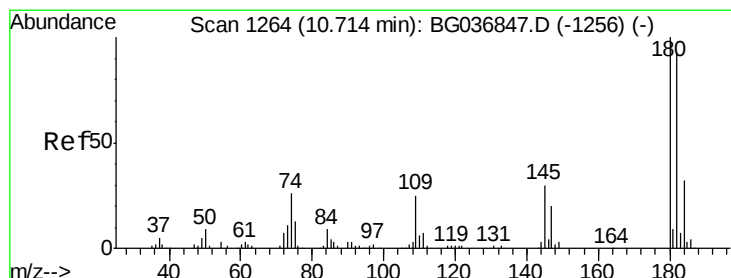
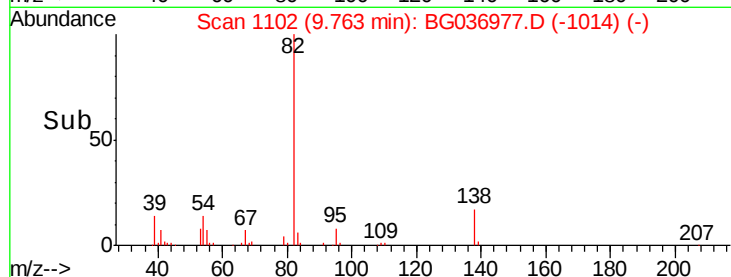
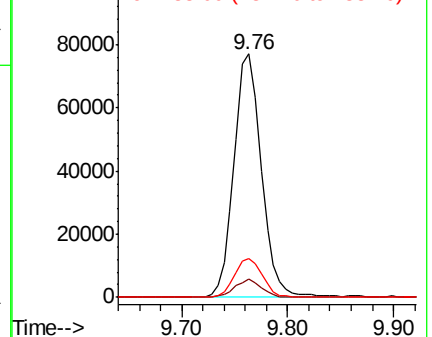
82 100

95 7.6 5.8 8.8

138 16.2 12.9 19.3



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



#30

1,2,4-Trichlorobenzene

Concen: 10.403 ng

RT: 10.71 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

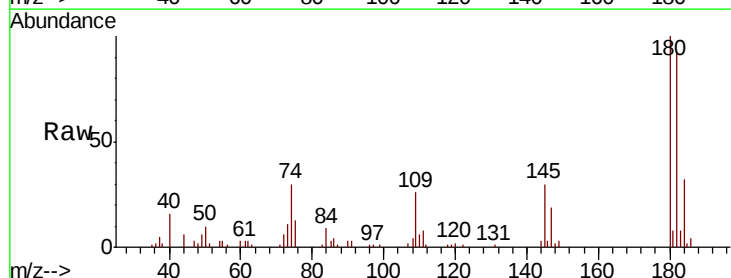
Tgt Ion: 180 Resp: 48809

Ion Ratio Lower Upper

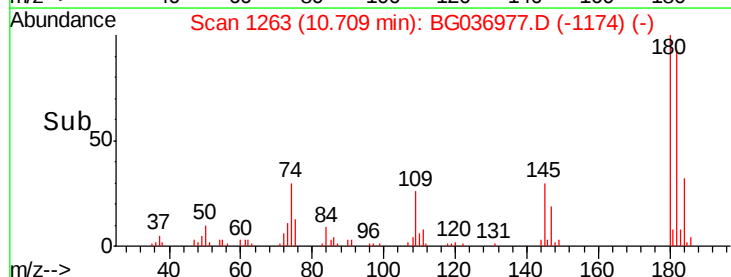
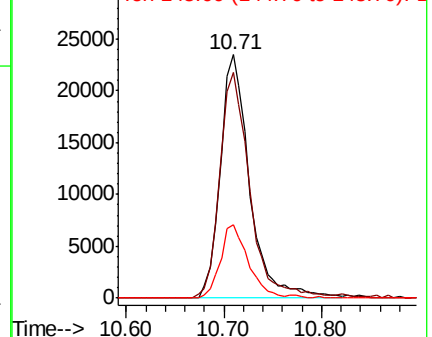
180 100

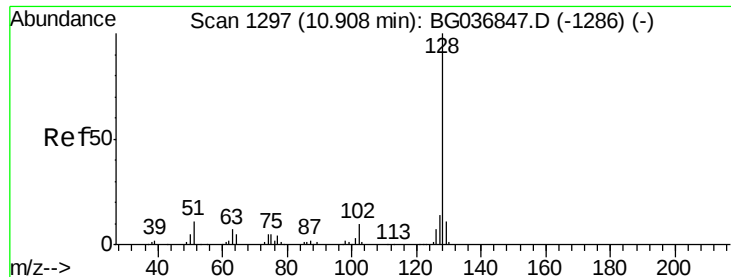
182 92.6 76.0 114.0

145 30.4 22.9 34.3



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

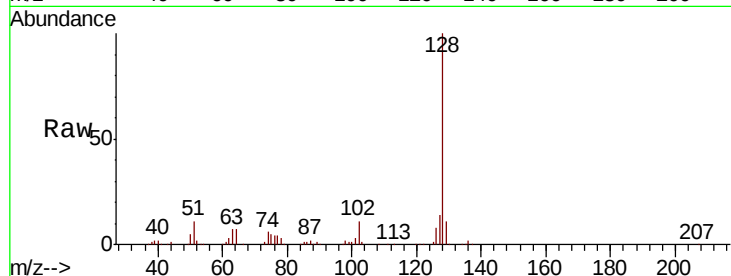




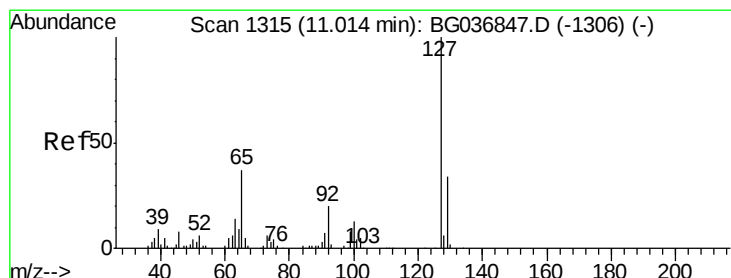
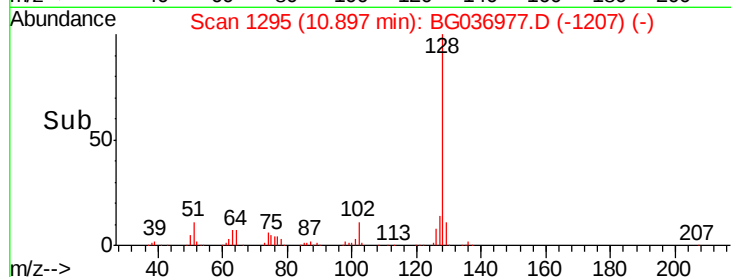
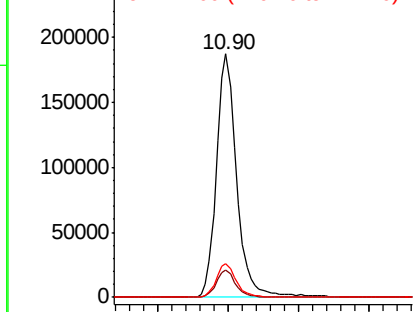
#31
Naphthalene
Concen: 30.073 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 373751
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.8 11.0 16.4

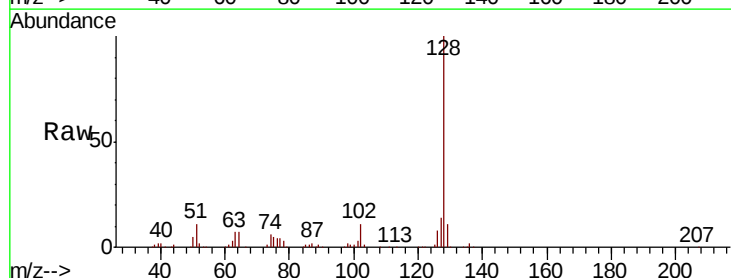


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

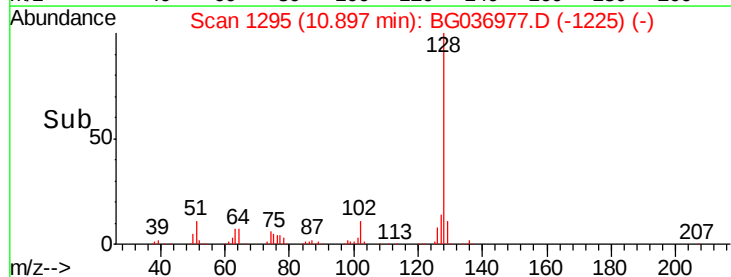
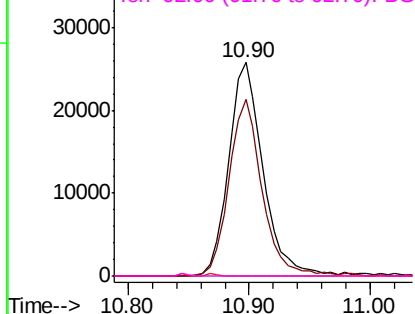


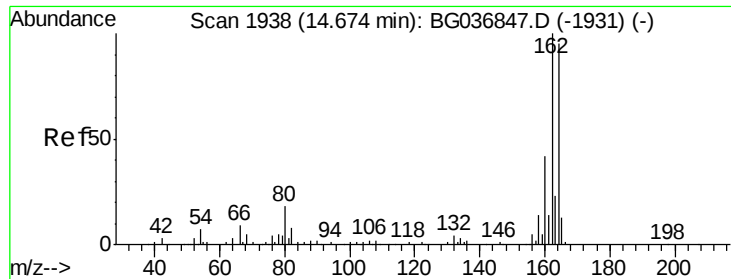
#33
4-Chloroaniline
Concen: 8.968 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.12 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:127 Resp: 50678
Ion Ratio Lower Upper
127 100
129 82.9 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: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

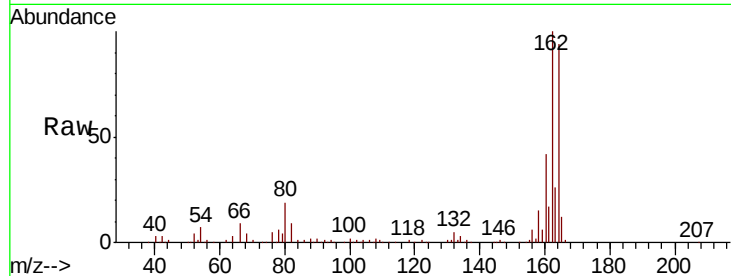
Tot Ion:164 Resp: 163308

Ion Ratio Lower Upper

164 100

162 106.7 80.7 121.1

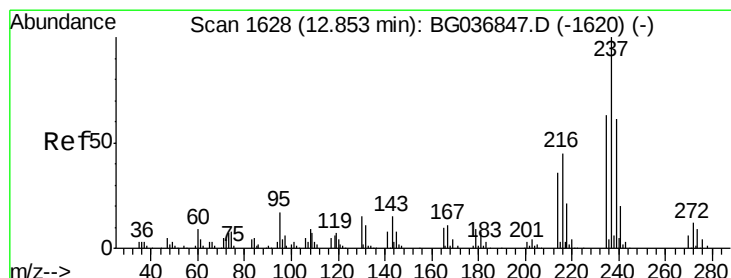
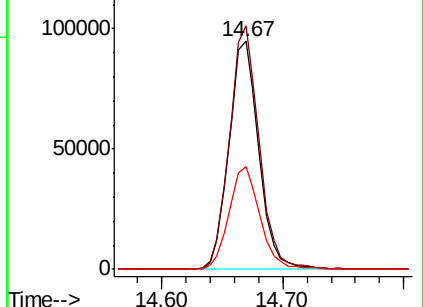
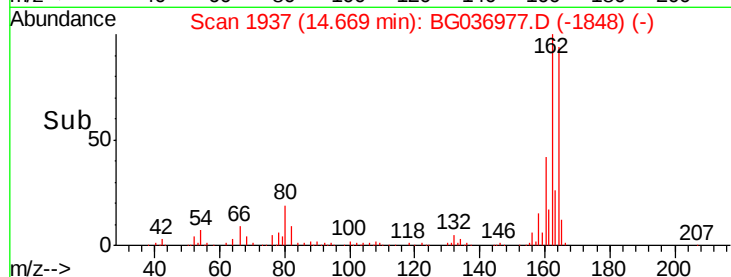
160 44.9 35.3 52.9



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: 11.658 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

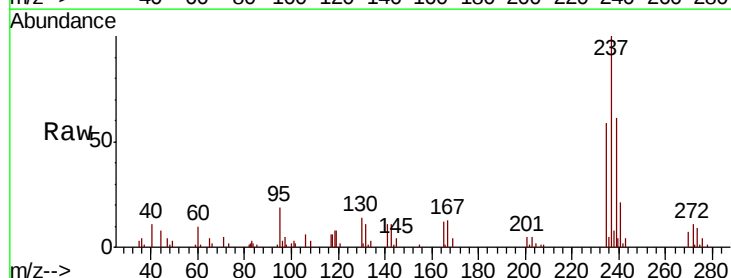
Tgt Ion:237 Resp: 34152

Ion Ratio Lower Upper

237 100

235 59.5 42.2 82.2

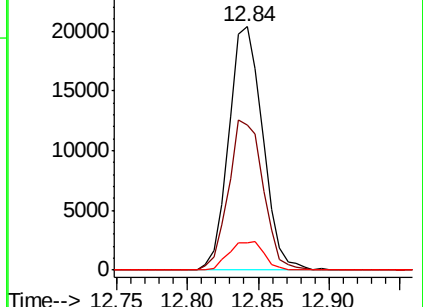
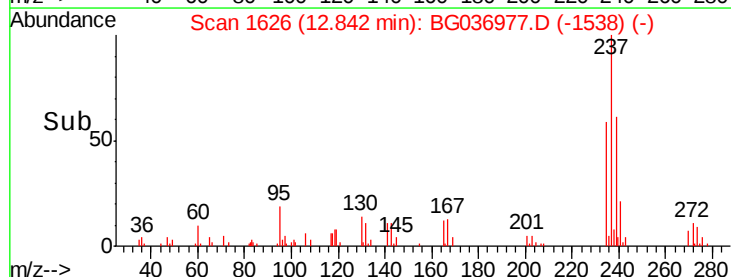
272 11.0 0.0 32.1

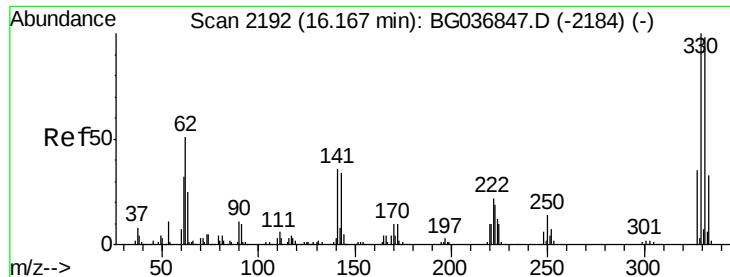


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

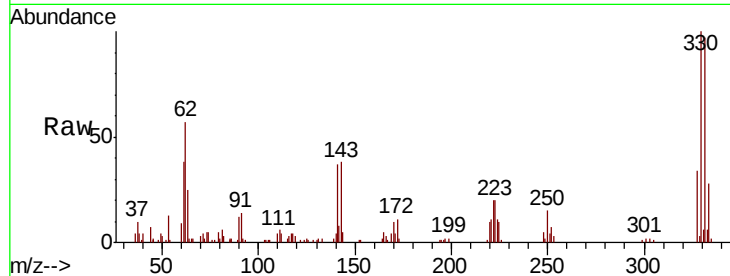




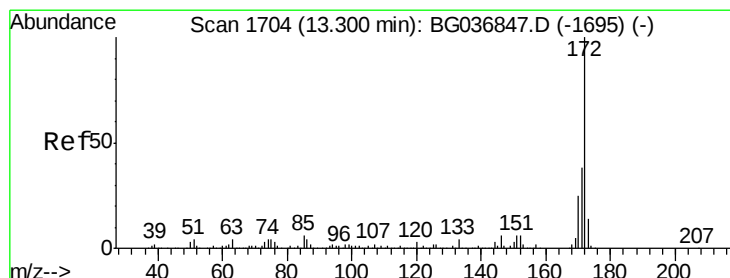
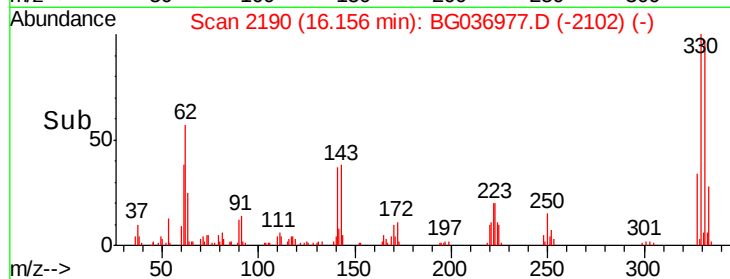
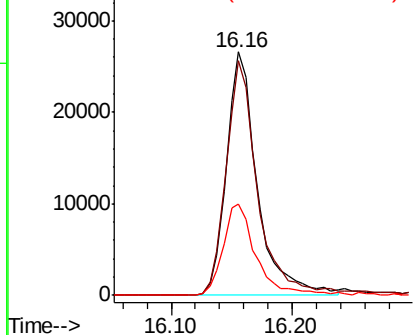
#41
 2,4,6-Tribromophenol
 Concen: 24.323 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036977.D
 Acq: 26 Sep 2018 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 47525
 Ion Ratio Lower Upper
 330 100
 332 99.8 75.4 113.2
 141 39.7 30.7 46.1

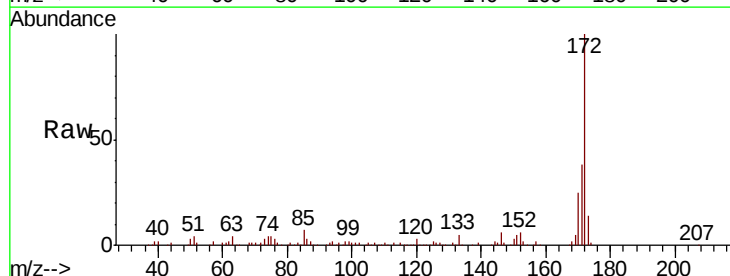


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

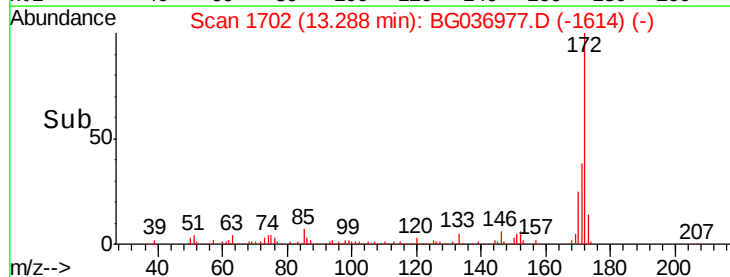
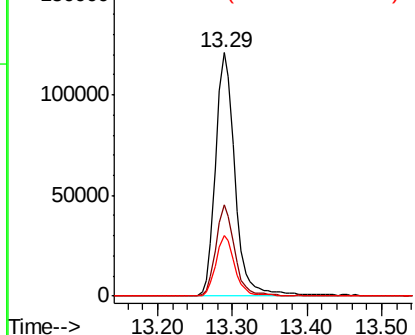


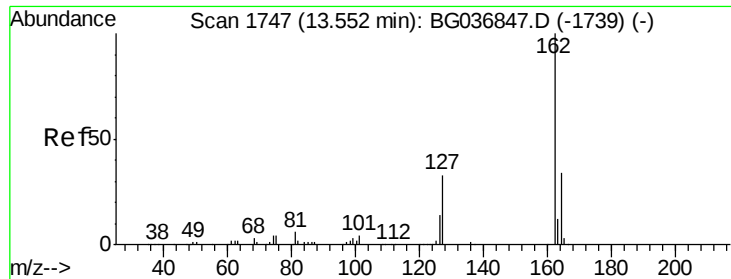
#44
 2-Fluorobiphenyl
 Concen: 20.030 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036977.D
 Acq: 26 Sep 2018 10:28

Tgt Ion:172 Resp: 219628
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 24.7 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

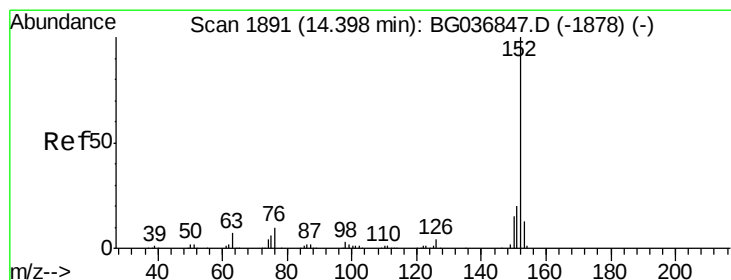
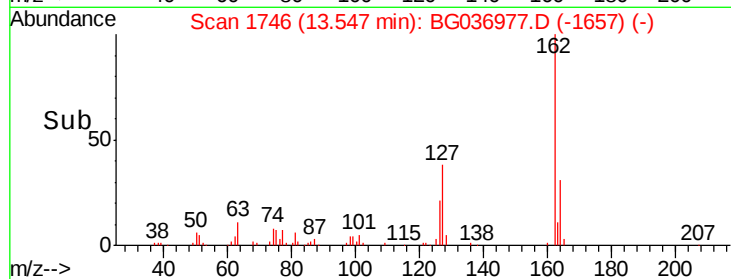
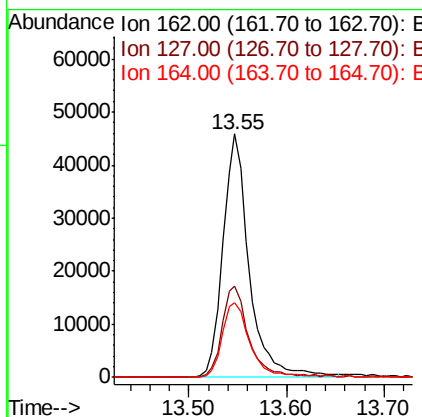
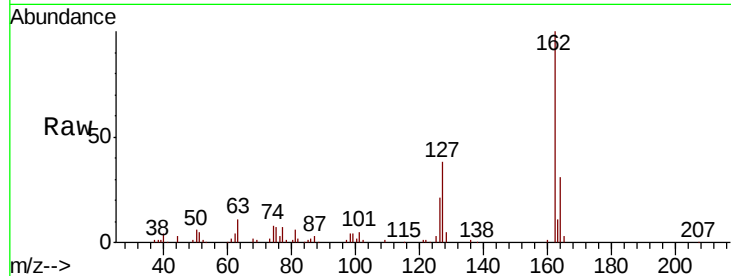




#46
2-Chloronaphthalene
Concen: 8.686 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

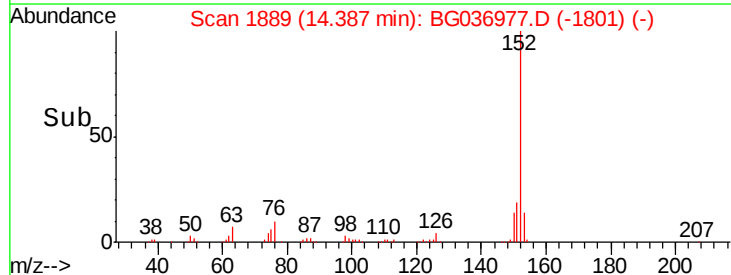
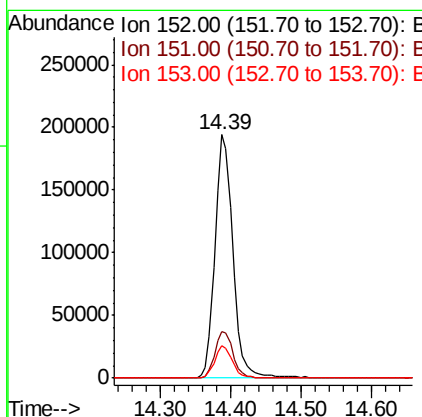
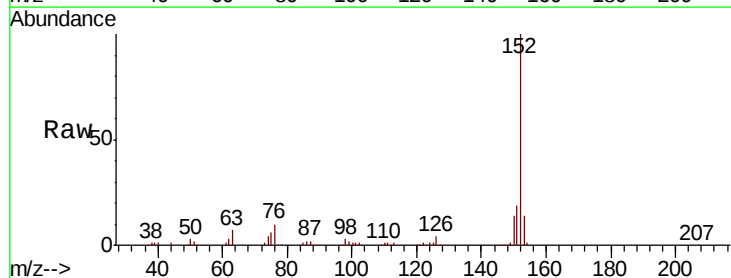
Instrument :
BNA_F
ClientSampleId :

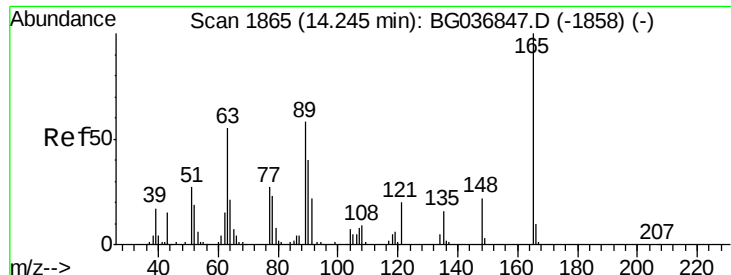
Tot Ion:162 Resp: 85429
Ion Ratio Lower Upper
162 100
127 37.7 30.7 46.1
164 30.9 26.7 40.1



#48
Acenaphthylene
Concen: 22.304 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:152 Resp: 343760
Ion Ratio Lower Upper
152 100
151 19.3 16.9 25.3
153 13.5 11.2 16.8

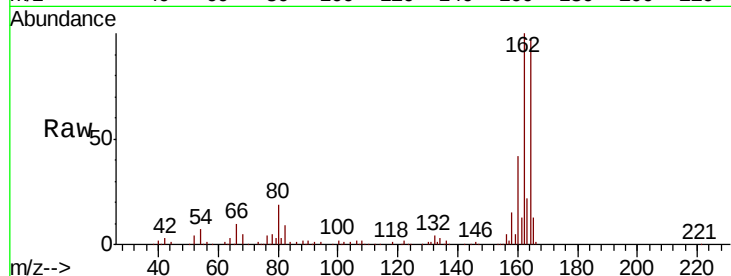




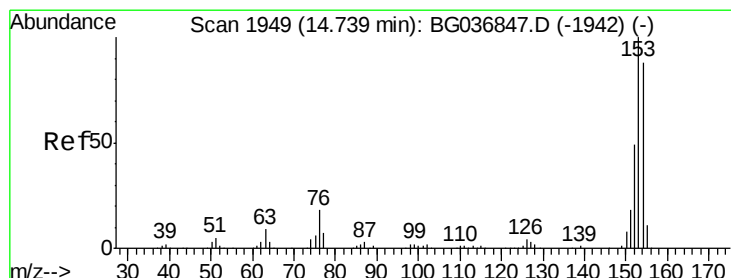
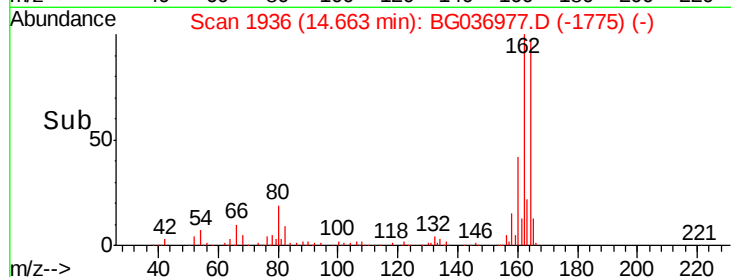
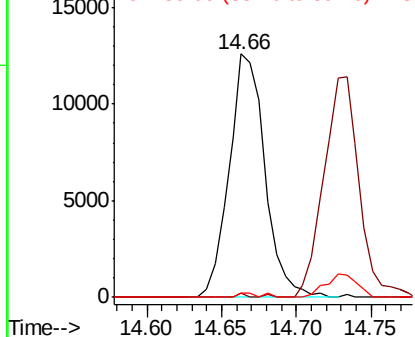
#50
2,6-Dinitrotoluene
Concen: 7.318 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 20987
Ion Ratio Lower Upper
165 100
63 1.8 50.1 75.1#
89 1.6 47.8 71.6#

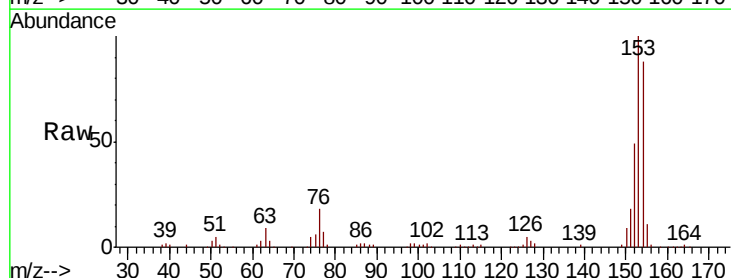


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

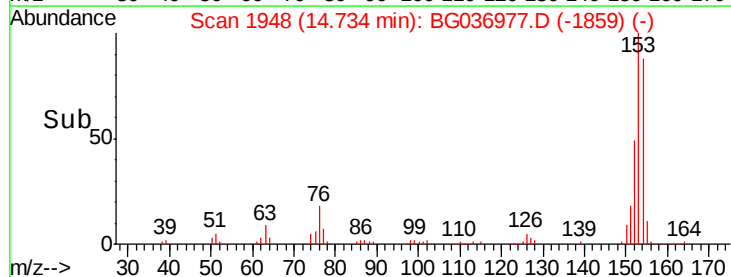
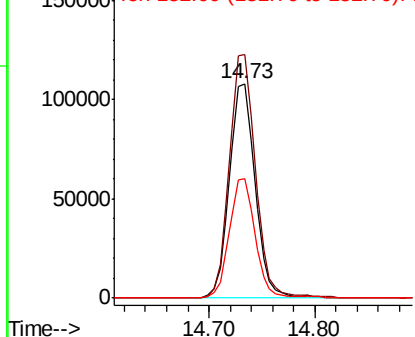


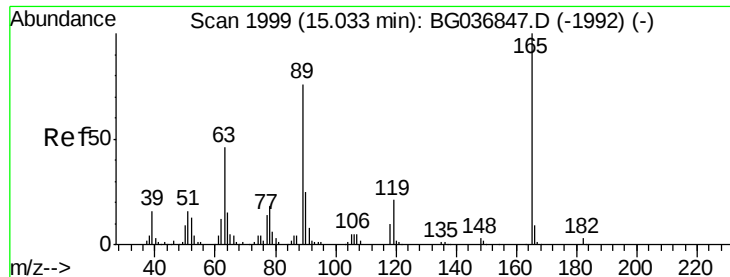
#51
Acenaphthene
Concen: 19.461 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:154 Resp: 181279
Ion Ratio Lower Upper
154 100
153 113.5 91.8 137.6
152 56.0 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

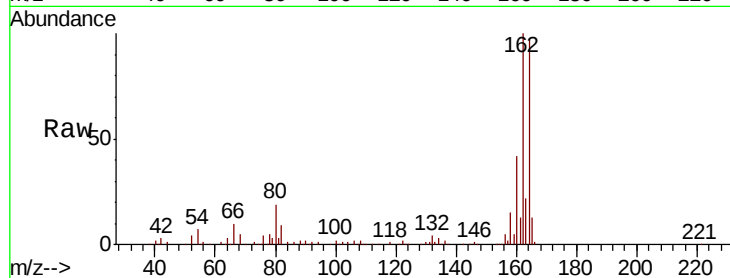




#56
2,4-Dinitrotoluene
Concen: 5.244 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	1.6	63.7	95.5#
182	0.0	2.5	3.7#



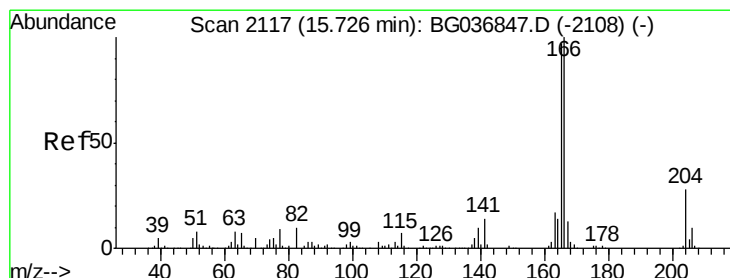
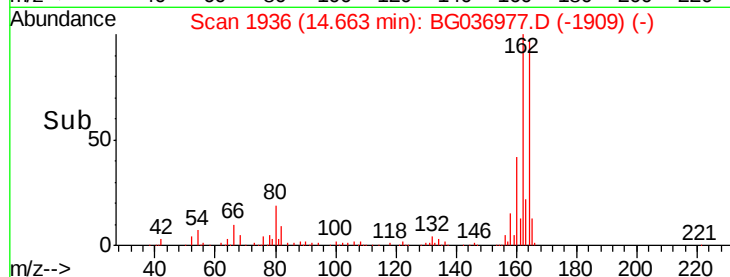
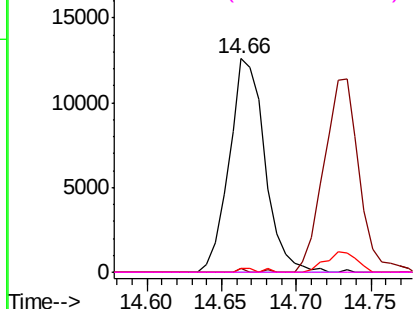
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

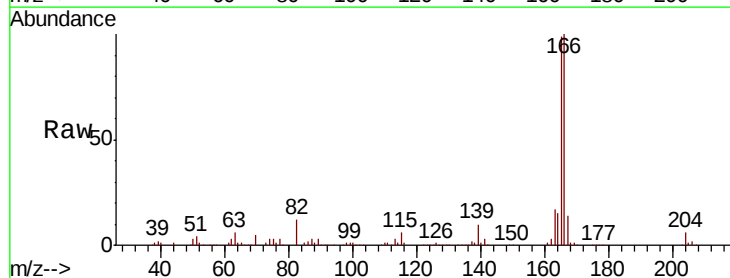
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 29.980 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.0	115.4
167	14.0	10.6	16.0

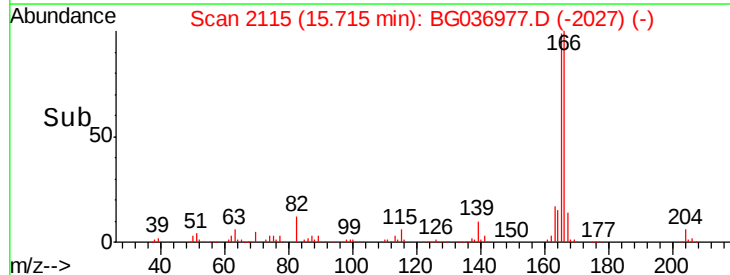
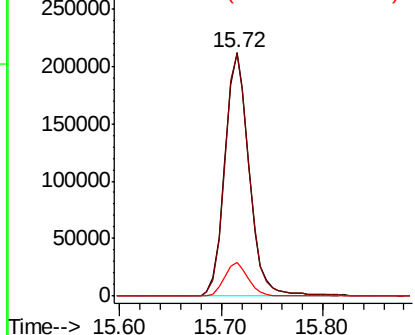


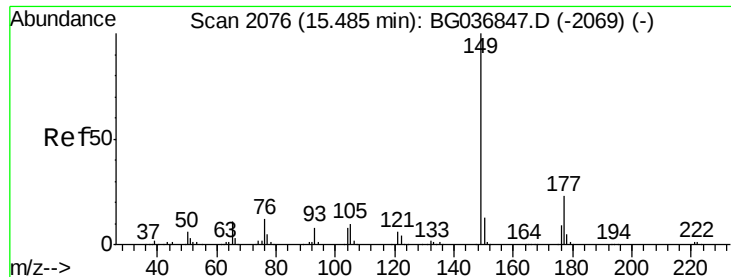
Abundance

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

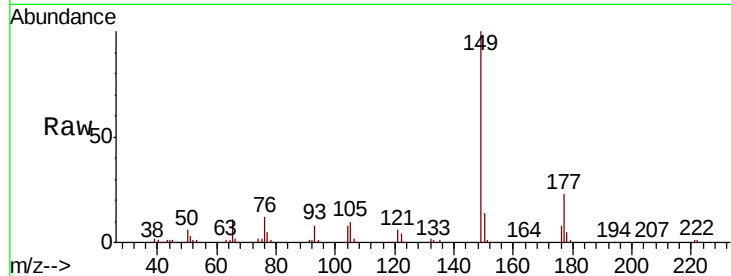




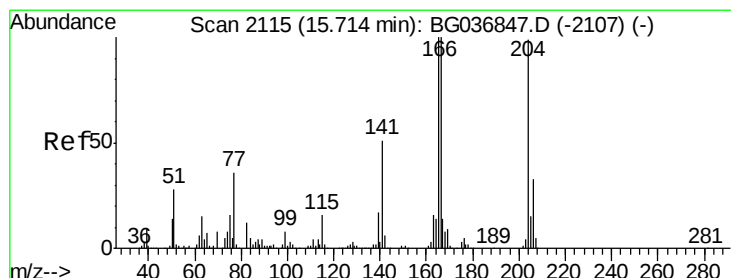
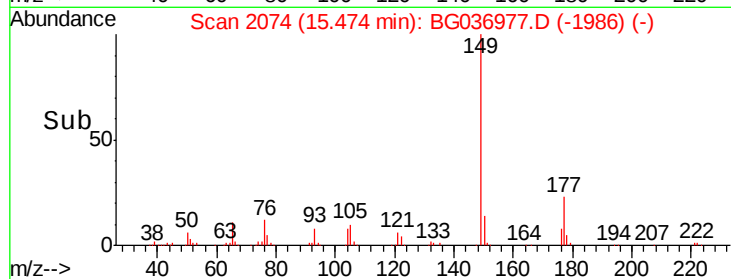
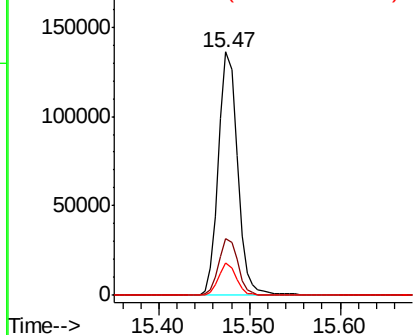
#59
Diethylphthalate
Concen: 15.076 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 199880
Ion Ratio Lower Upper
149 100
177 23.3 19.1 28.7
150 13.5 10.7 16.1

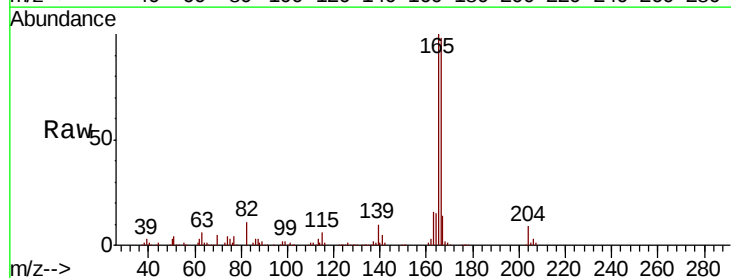


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

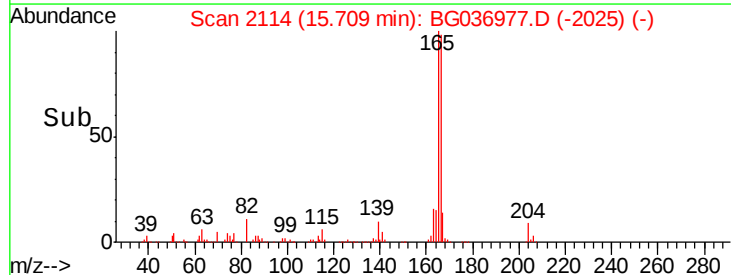
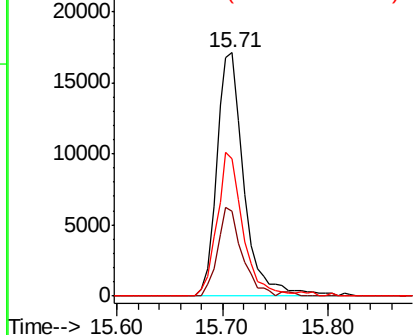


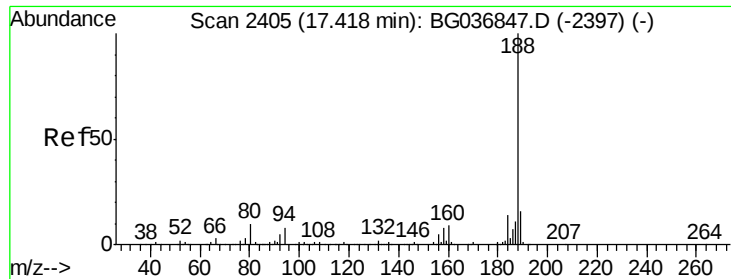
#60
4-Chlorophenyl-phenylether
Concen: 4.113 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:204 Resp: 30675
Ion Ratio Lower Upper
204 100
206 34.7 27.0 40.4
141 56.2 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

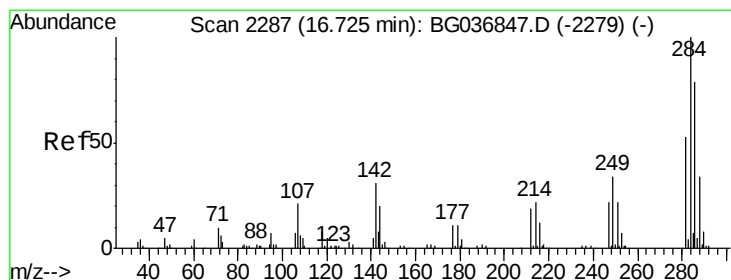
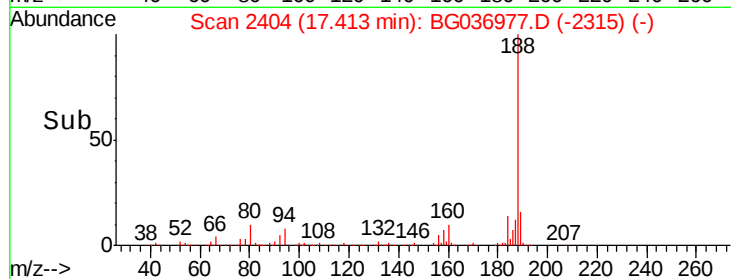
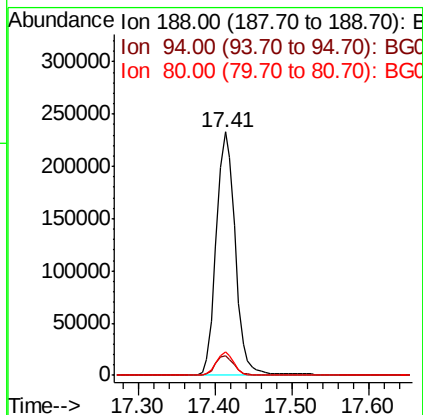
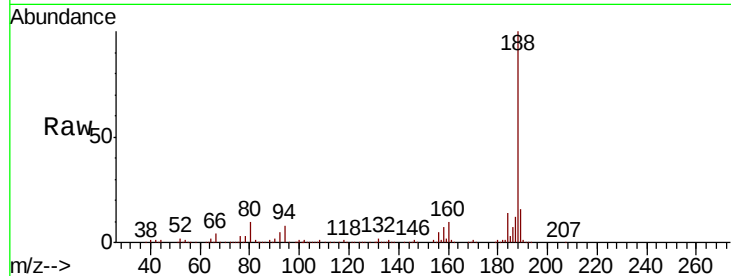




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

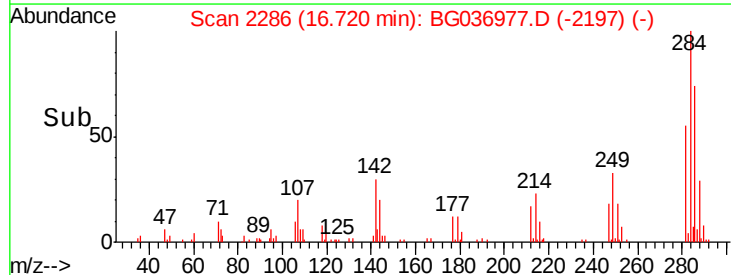
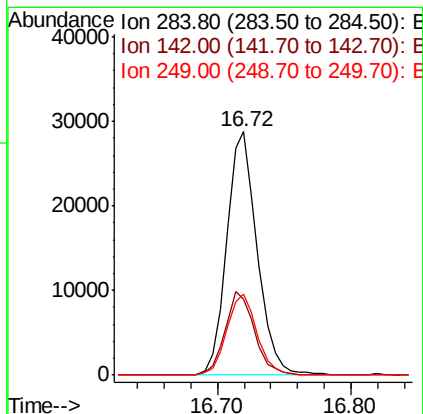
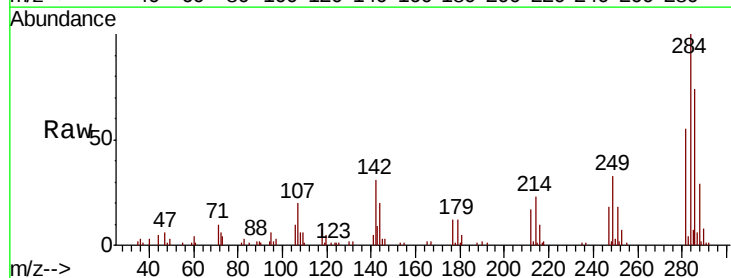
Instrument :
BNA_F
ClientSampleId :

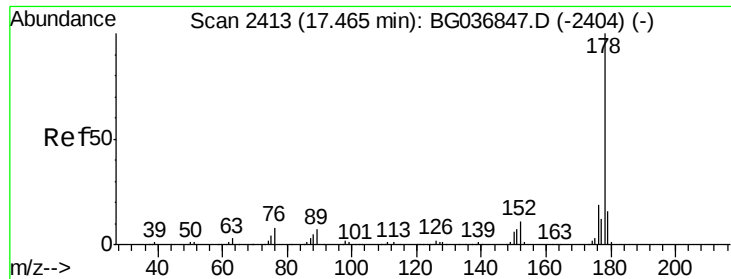
Tot Ion:188 Resp: 396950
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.8 8.1 12.1



#67
Hexachlorobenzene
Concen: 9.826 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:284 Resp: 45693
Ion Ratio Lower Upper
284 100
142 31.0 27.8 41.6
249 33.3 27.4 41.2

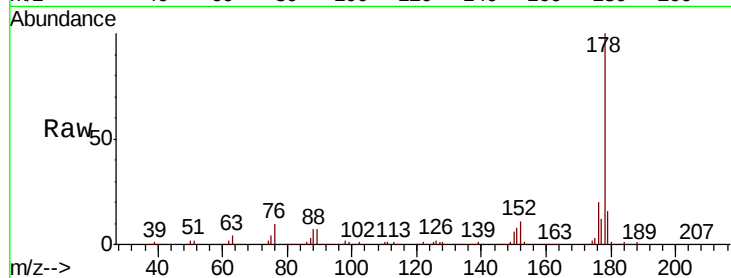




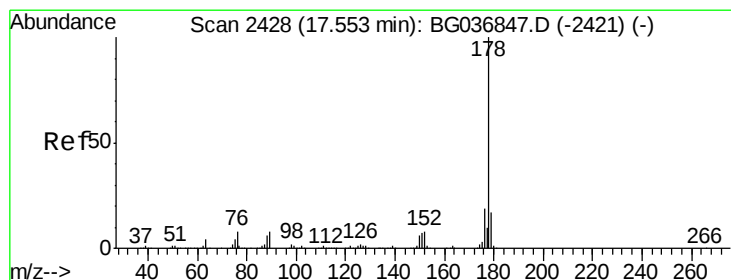
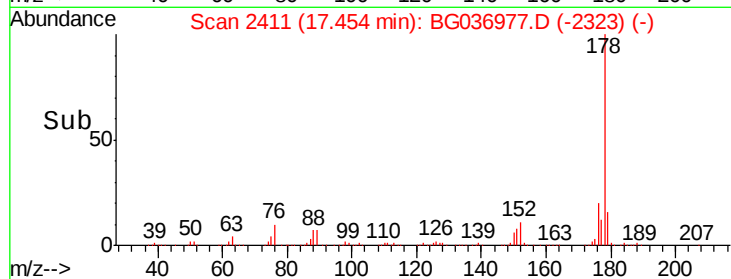
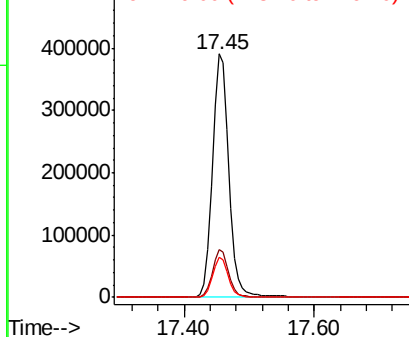
#70
Phenanthrene
Concen: 35.522 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 679501
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.4 13.4 20.2

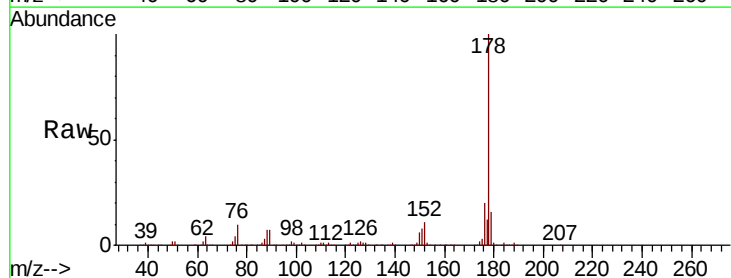


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

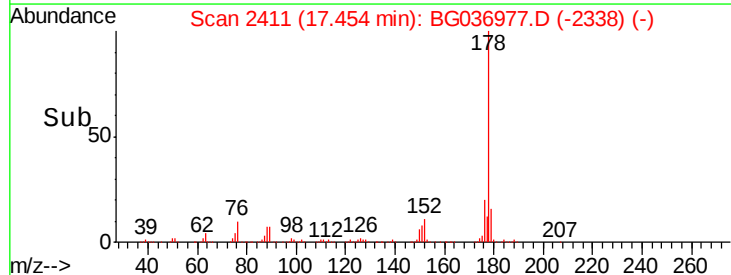
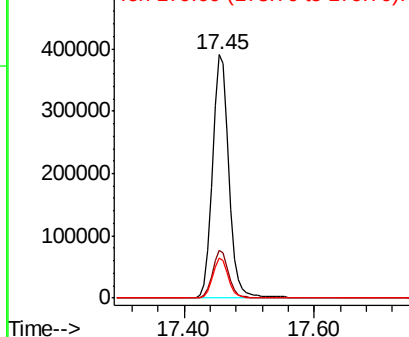


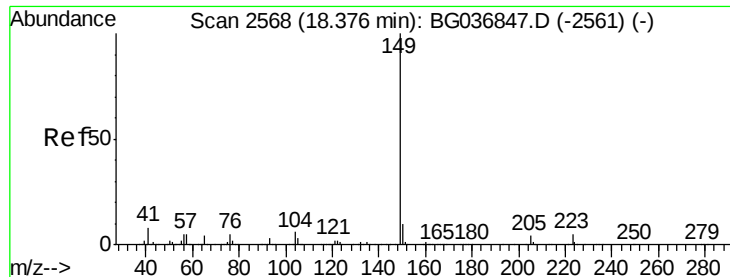
#71
Anthracene
Concen: 35.924 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.10 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion:178 Resp: 679501
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.4 13.0 19.4



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

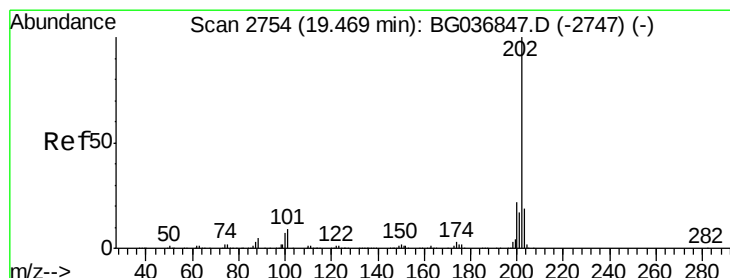
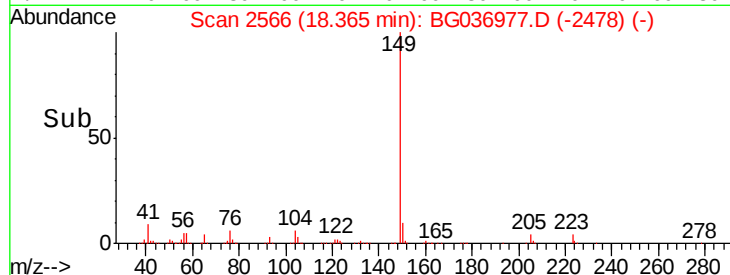
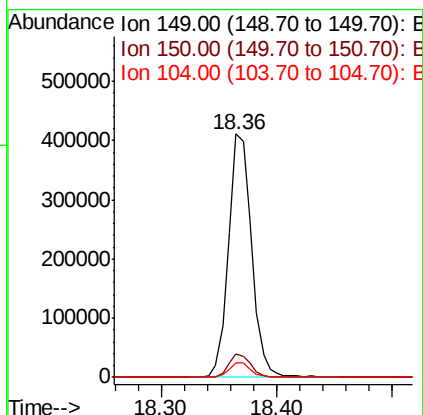
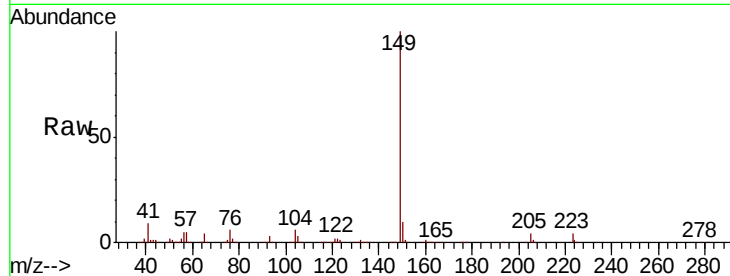




#73
Di-n-butylphthalate
Concen: 27.758 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

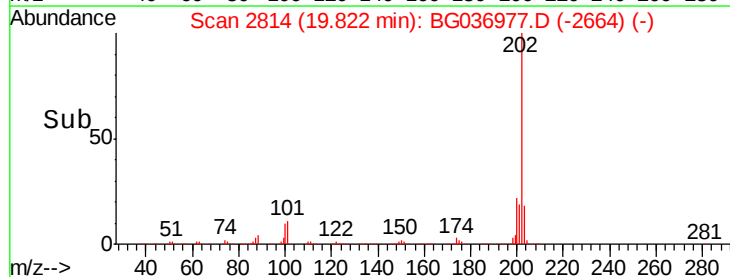
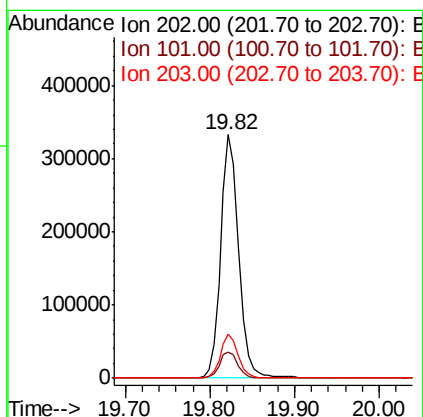
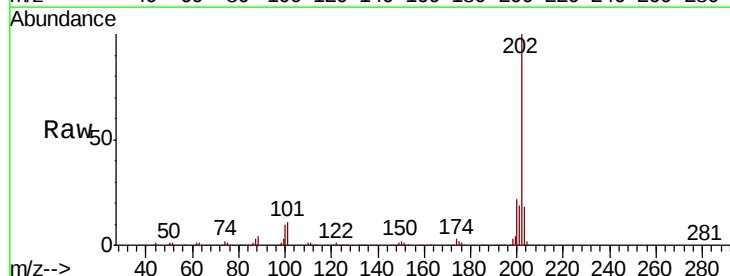
Instrument :
BNA_F
ClientSampled :

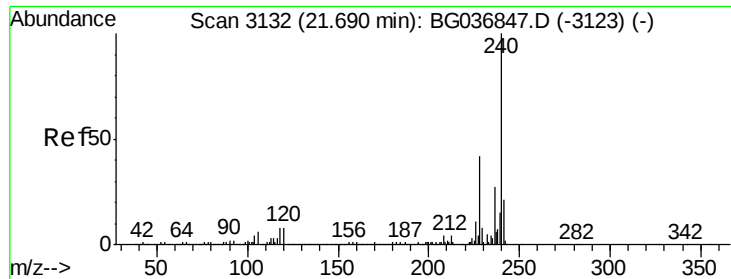
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	6.0	4.6	6.8



#74
Fluoranthene
Concen: 21.439 ng
RT: 19.82 min Scan# 2814
Delta R.T. 0.35 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.4
203	18.0	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

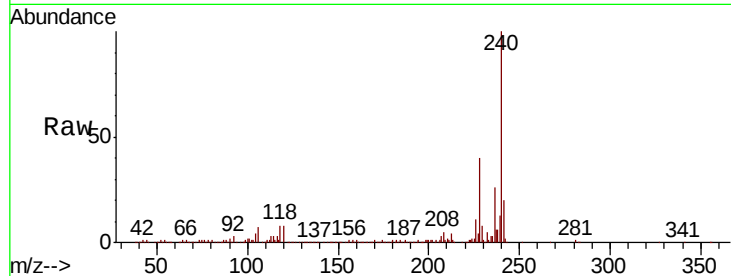
Tot Ion:240 Resp: 396752

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

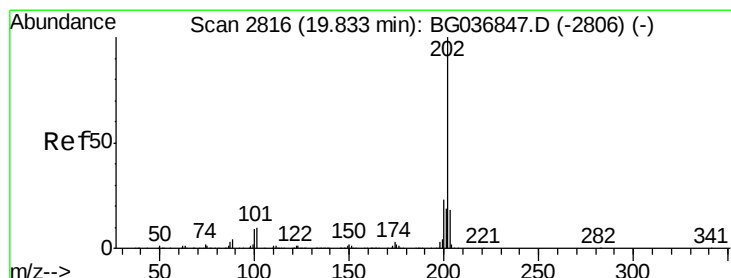
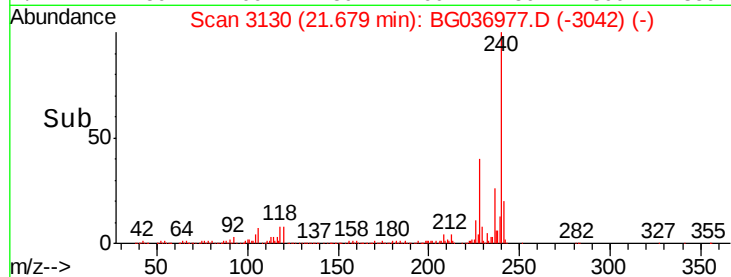
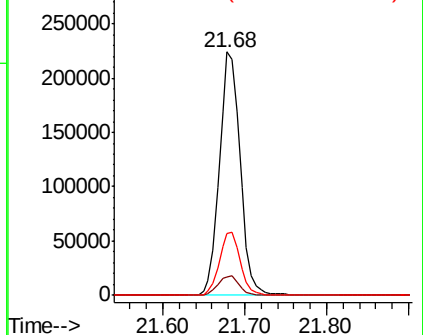
236 25.6 21.2 31.8



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



#77

Pyrene

Concen: 20.734 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

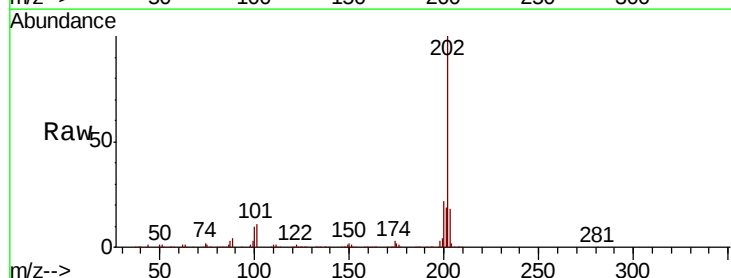
Tgt Ion:202 Resp: 493645

Ion Ratio Lower Upper

202 100

200 21.6 18.3 27.5

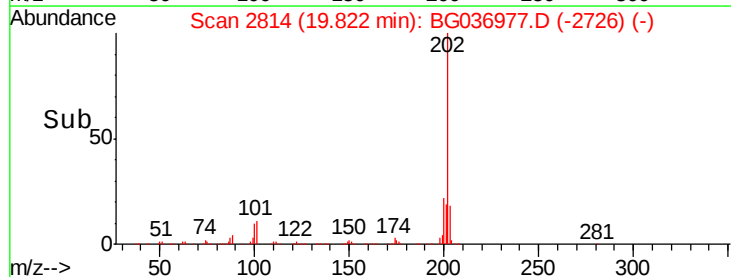
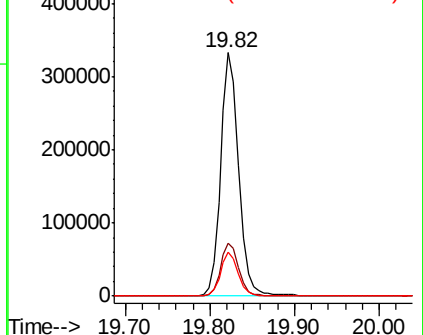
203 18.0 15.1 22.7

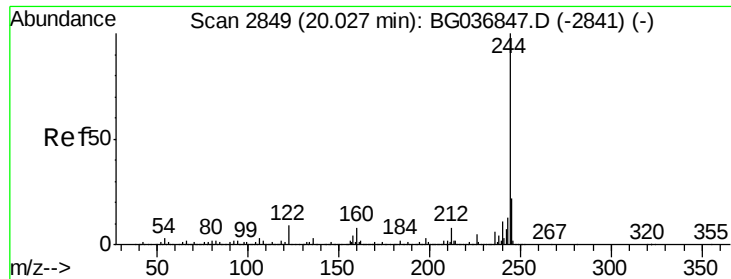


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 23.488 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

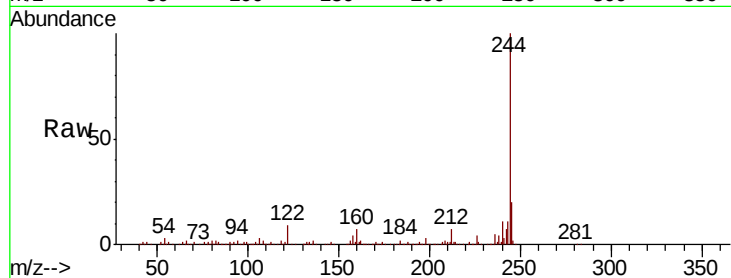
Tot Ion:244 Resp: 354399

Ion Ratio Lower Upper

244 100

212 7.2 7.0 10.6

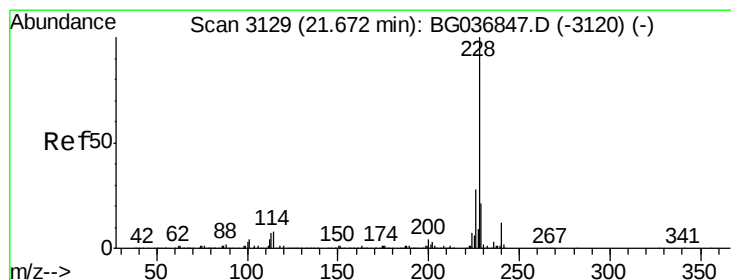
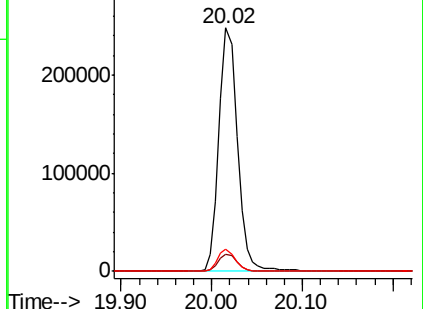
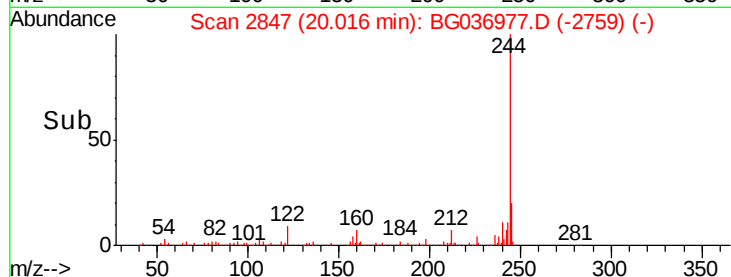
122 9.0 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 22.040 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

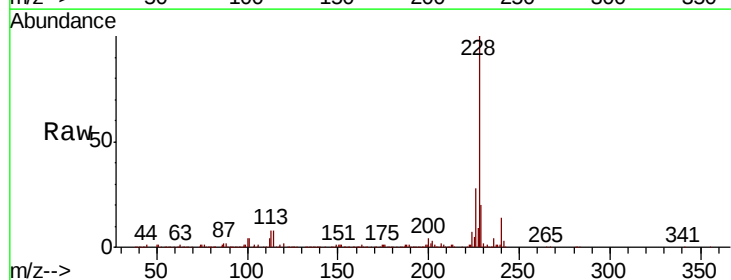
Tgt Ion:228 Resp: 510456

Ion Ratio Lower Upper

228 100

226 27.7 23.4 35.2

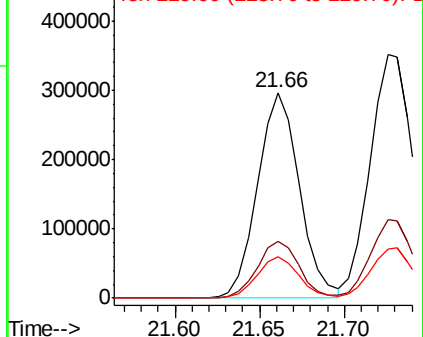
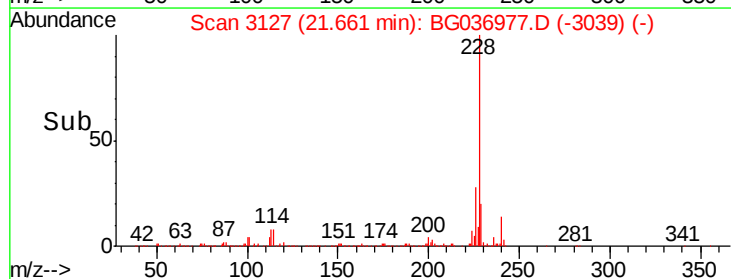
229 19.8 17.1 25.7

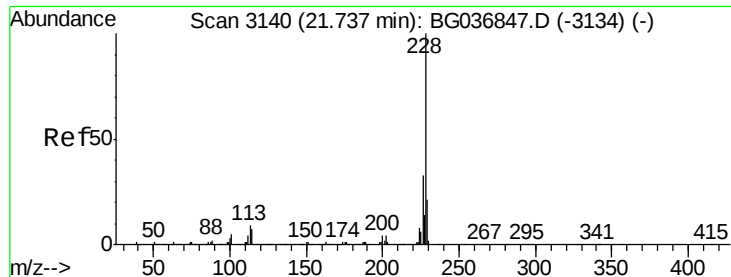


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 28.486 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

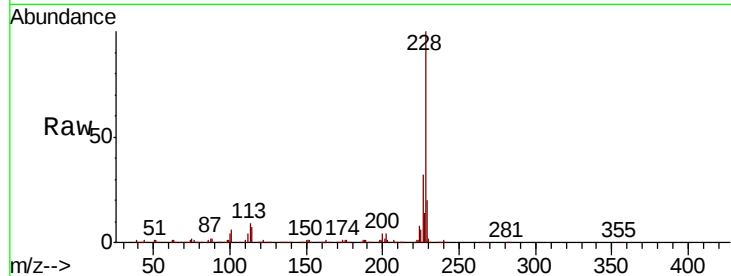
Tot Ion:228 Resp: 637440

Ion Ratio Lower Upper

228 100

226 32.2 25.5 38.3

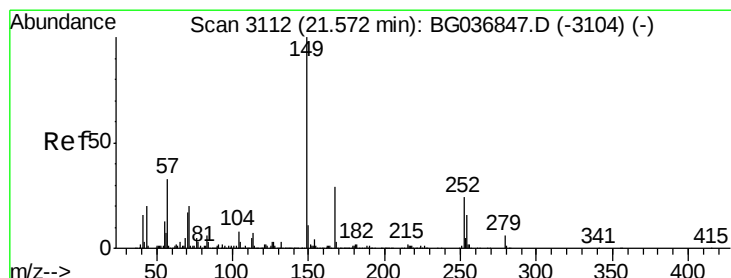
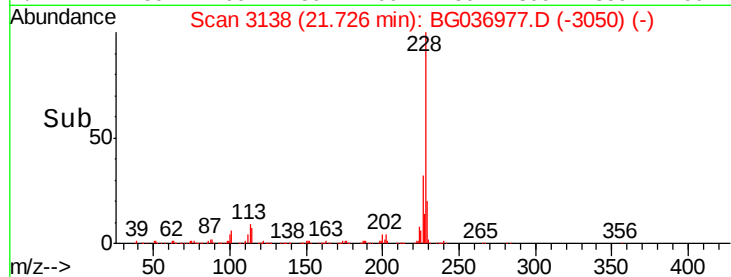
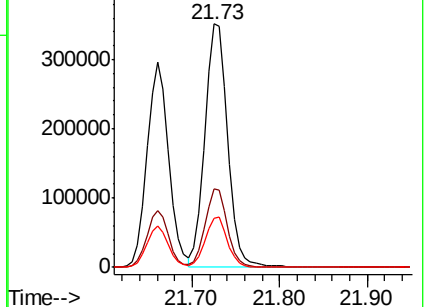
229 20.3 16.9 25.3



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: 20.197 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

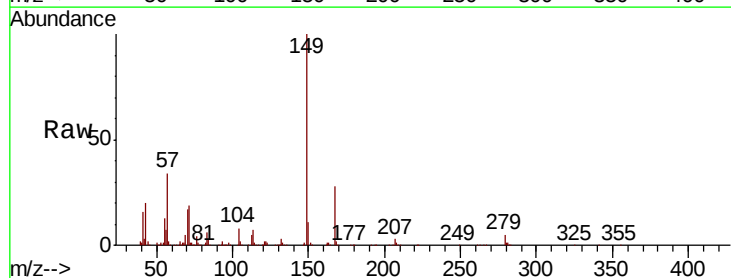
Tgt Ion:149 Resp: 267754

Ion Ratio Lower Upper

149 100

167 28.2 23.4 35.0

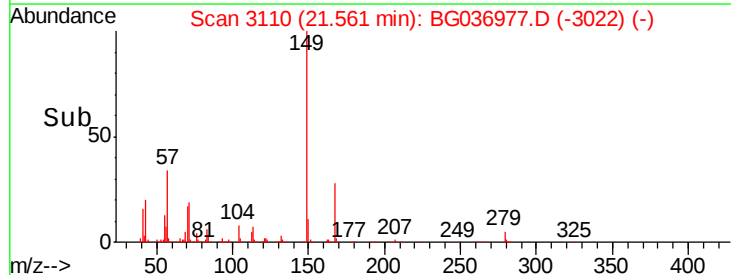
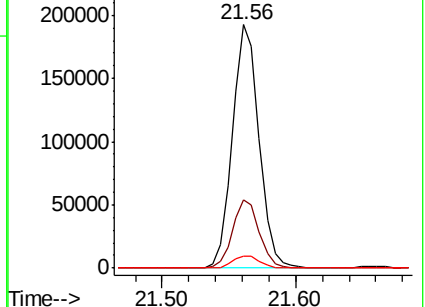
279 5.0 4.6 7.0

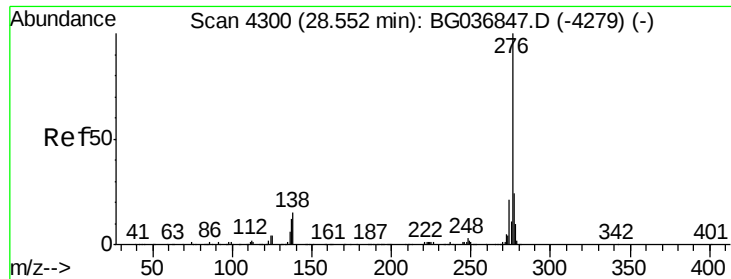


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

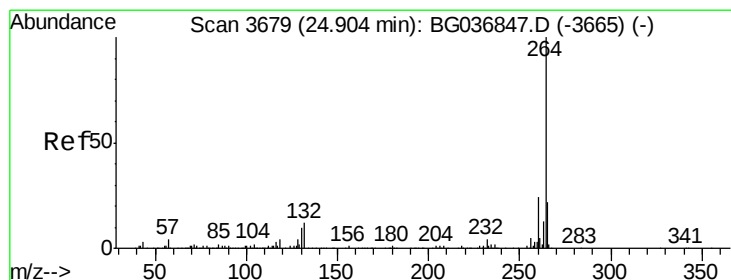
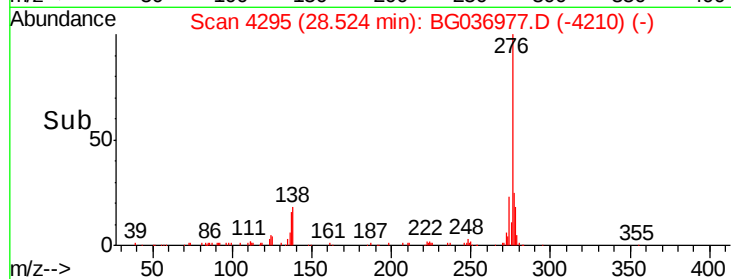
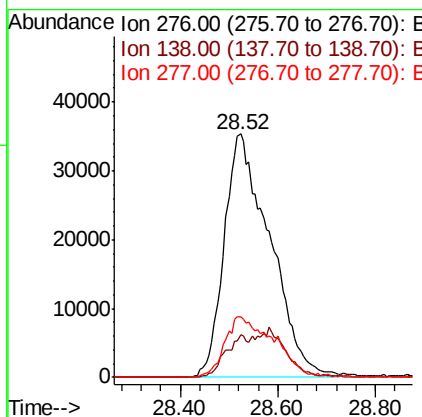
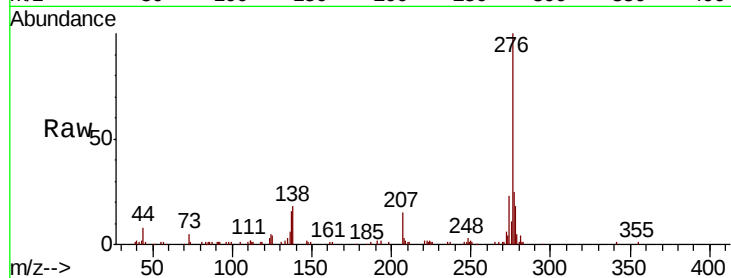




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.554 ng
 RT: 28.52 min Scan# 4295
 Delta R.T. -0.03 min
 Lab File: BG036977.D
 Acq: 26 Sep 2018 10:28

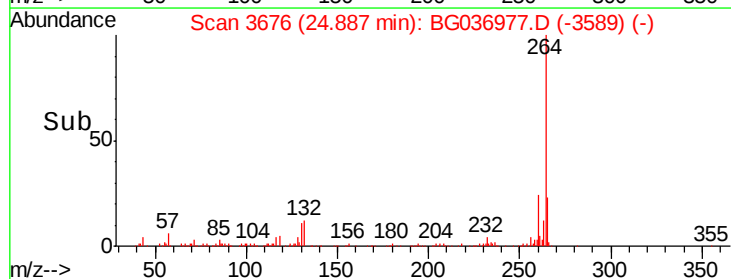
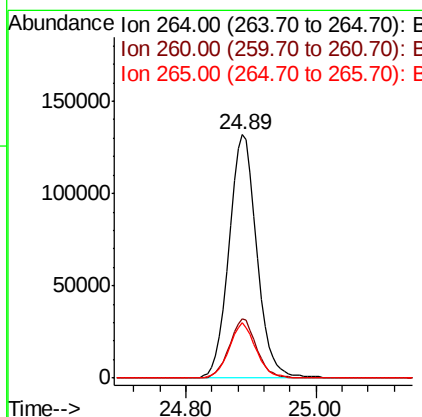
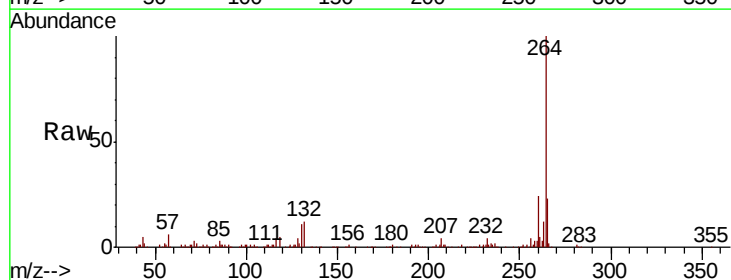
Instrument :
 BNA_F
 ClientSampleId :

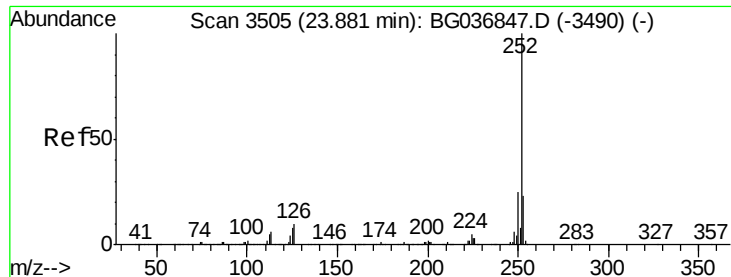
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.6	10.6	15.8#
277	26.6	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036977.D
 Acq: 26 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	23.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 36.150 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036977.D

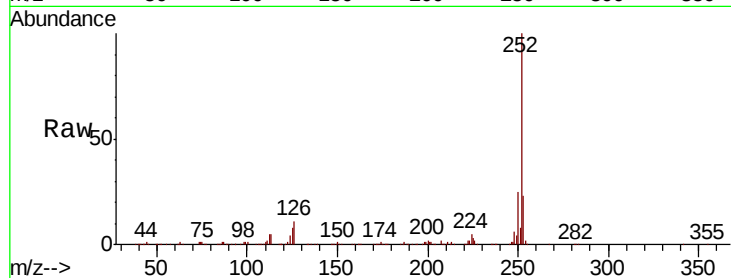
Acq: 26 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	751744
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.1 25.7
125	8.0	6.6 10.0

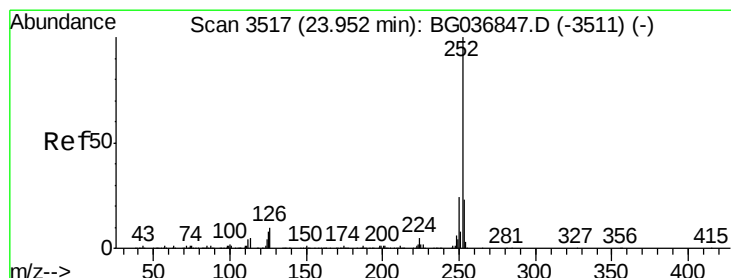
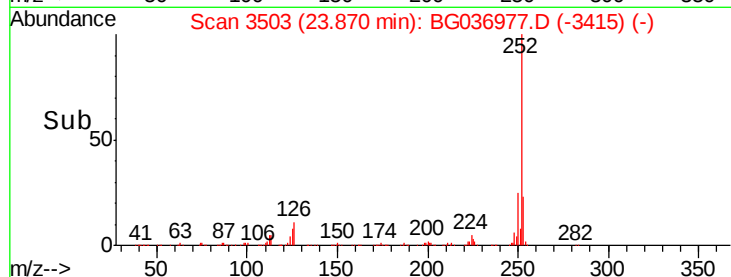
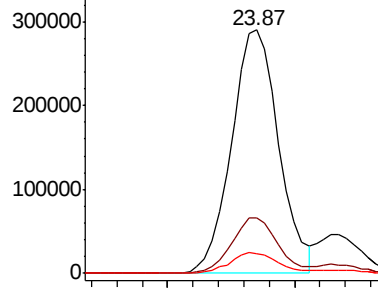


Abundance

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: 4.770 ng

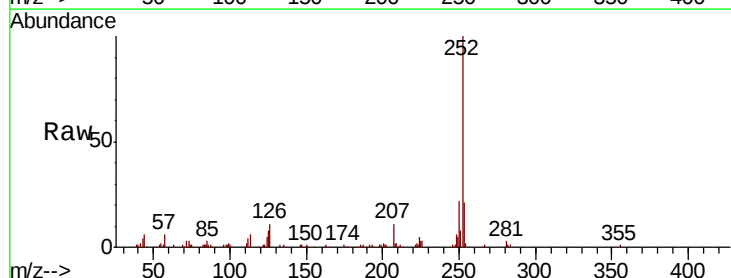
RT: 23.93 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BG036977.D

Acq: 26 Sep 2018 10:28

Tgt Ion:252	Resp:	99508
Ion Ratio	Lower	Upper
252	100	
253	21.3	18.0 27.0
125	7.6	7.0 10.6

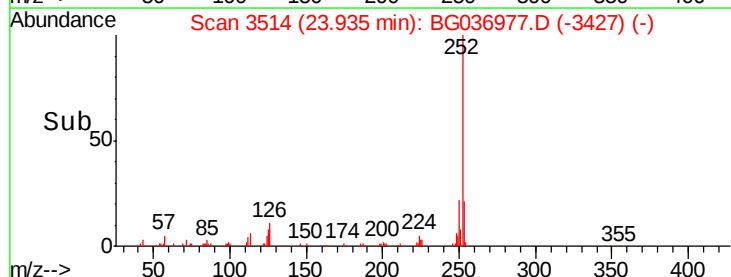
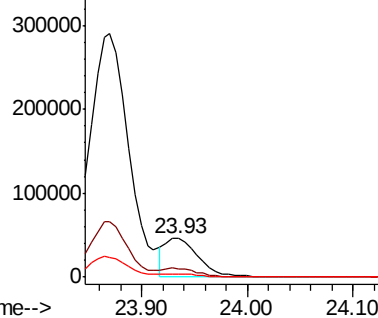


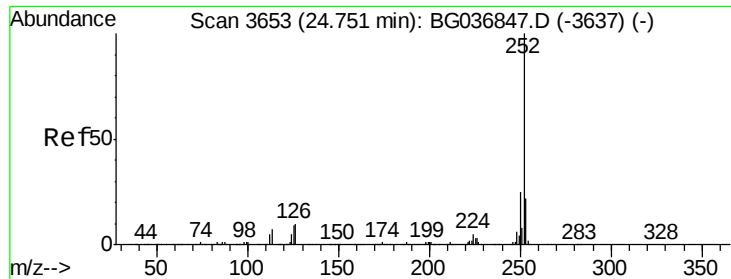
Abundance

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

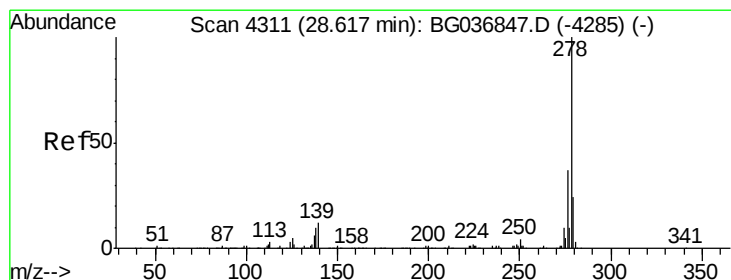
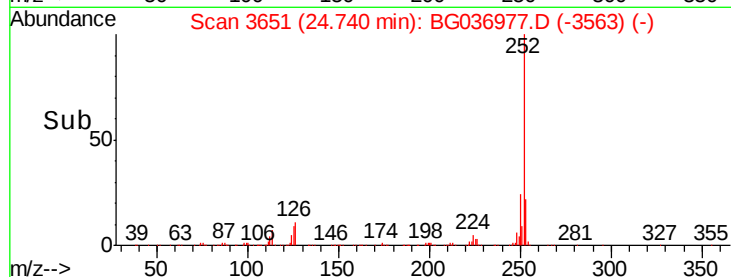
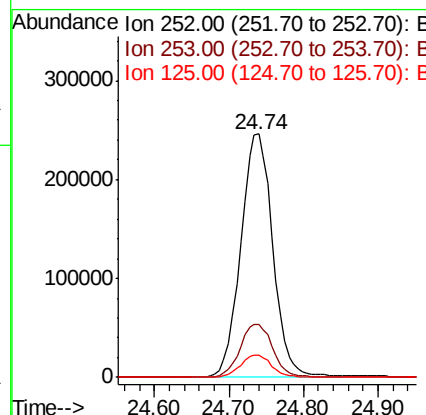
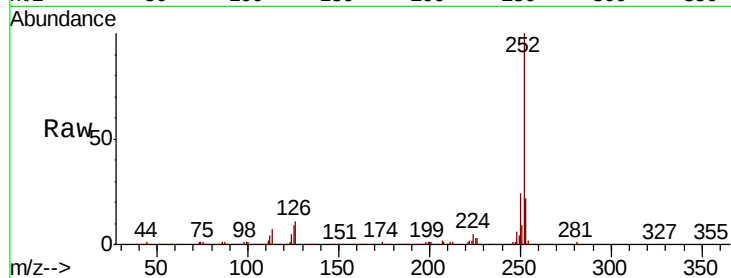




#89
Benzo(a)pyrene
Concen: 36.462 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.2	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 14.771 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG036977.D
Acq: 26 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.0	16.4
279	24.3	18.7	28.1

