

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036436.D
 Acq On : 27 Aug 2018 18:00
 Operator : JU/SJ
 Sample : J4556-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 18:44:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

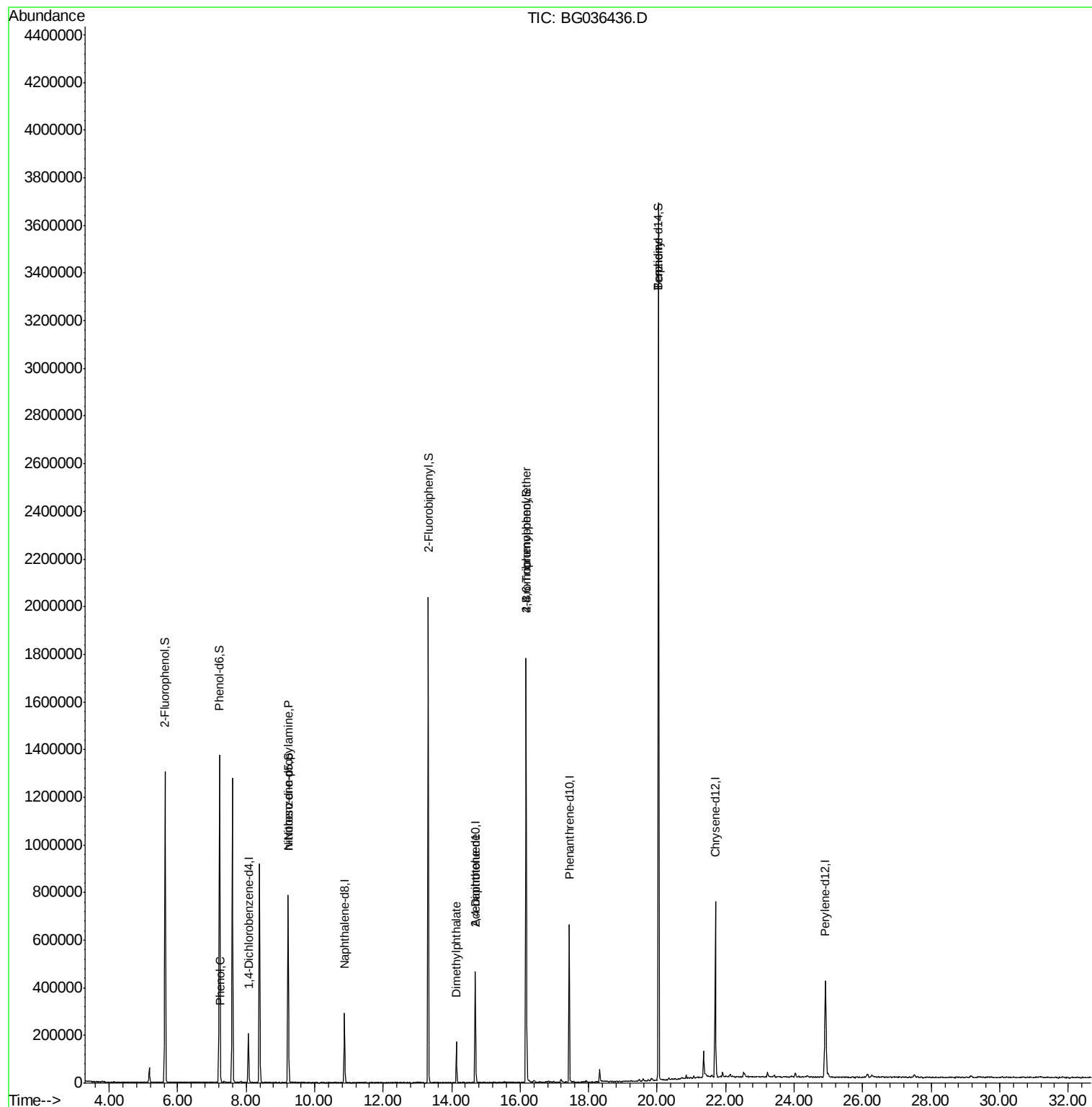
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57514	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	242358	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	156811	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	399590	20.00	ng	0.00
75) Chrysene-d12	21.70	240	445177	20.00	ng	-0.01
86) Perylene-d12	24.91	264	455805	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	547755	151.08	ng	0.00
7) Phenol-d6	7.22	99	768116	147.97	ng	0.00
23) Nitrobenzene-d5	9.22	82	459125	102.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	323212	172.74	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1024147	93.25	ng	-0.01
78) Terphenyl-d14	20.04	244	1685388	88.49	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	12120	2.231	ng	95
19) n-Nitroso-di-n-propylamine	9.22	70	61182	15.770	ng	# 74
49) Dimethylphthalate	14.14	163	111719	8.725	ng	98
56) 2,4-Dinitrotoluene	14.69	165	21248	6.188	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	22808	4.875	ng	# 1
76) Benzidine	20.04	184	30196	2.126	ng	# 92

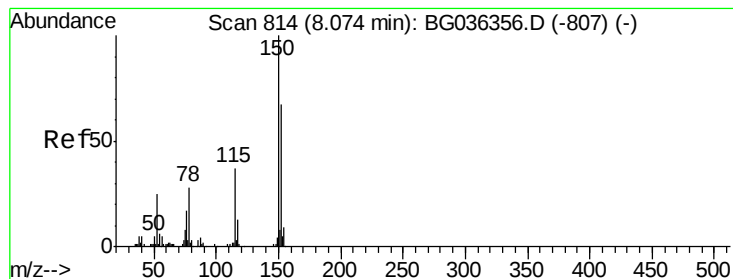
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
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Sample : J4556-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Response via : Initial Calibration



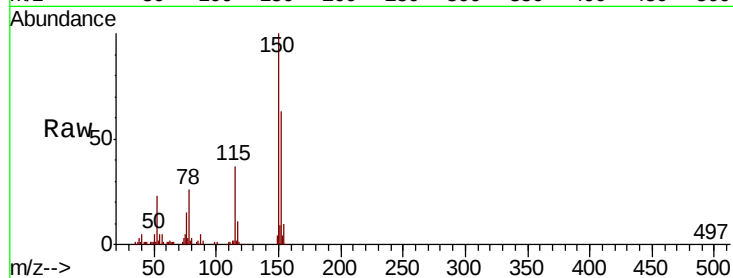


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	58.7	44.5	66.7

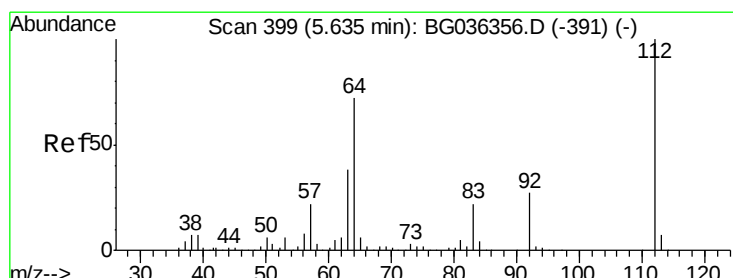
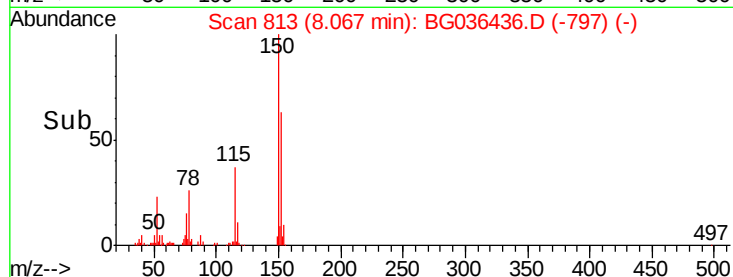
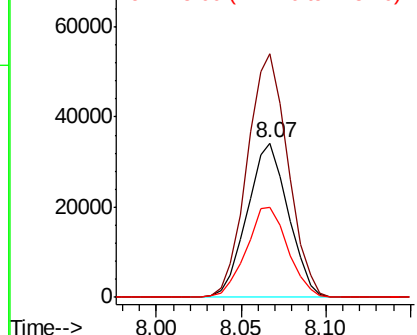


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

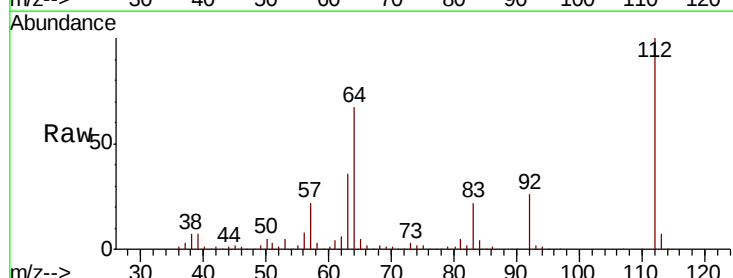
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.076 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.2	85.8
63	36.5	30.8	46.2

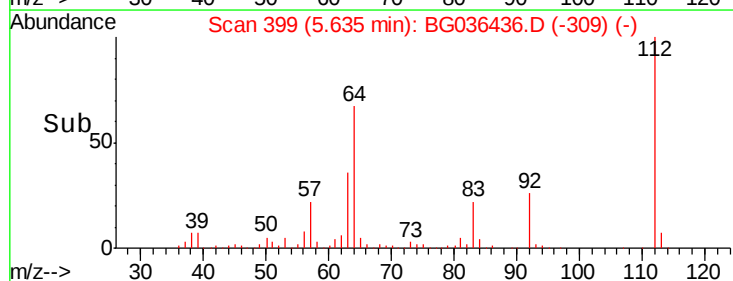
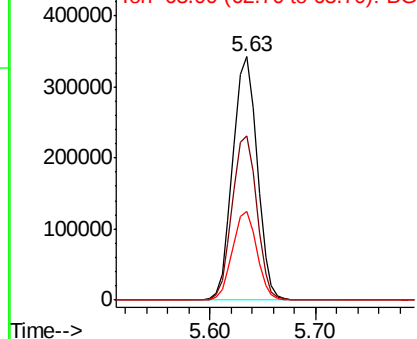


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 147.968 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

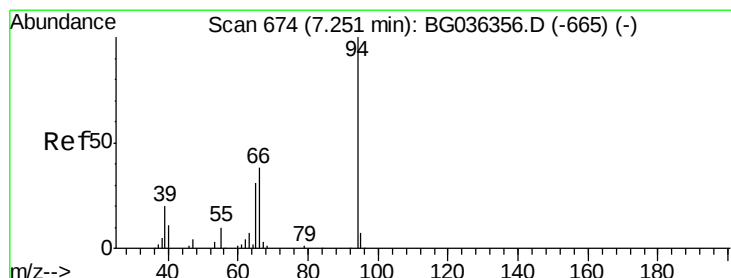
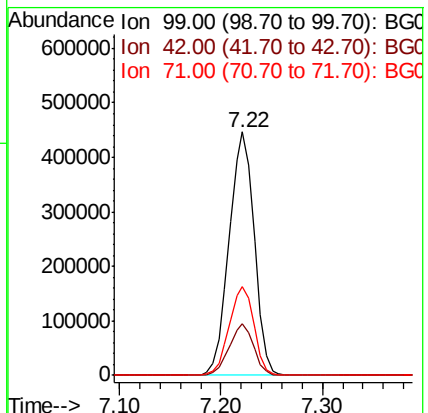
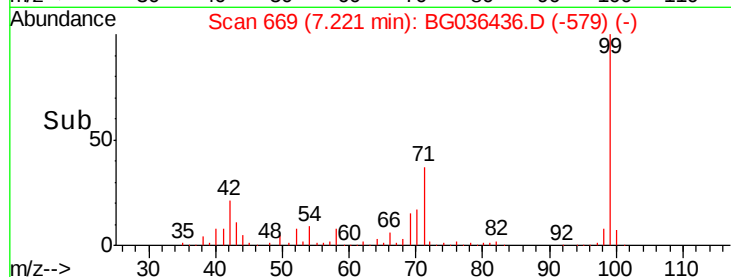
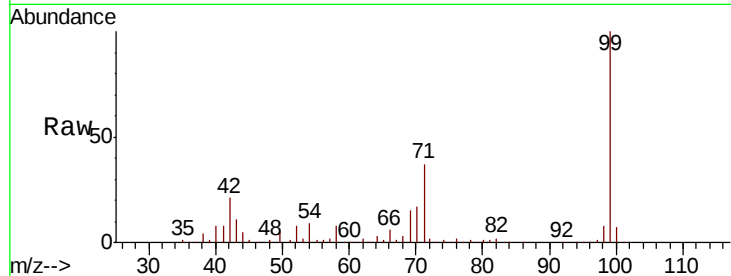
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 768116

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.5	24.7
71	36.6	29.4	44.2



#10

Phenol

Concen: 2.231 ng

RT: 7.25 min Scan# 674

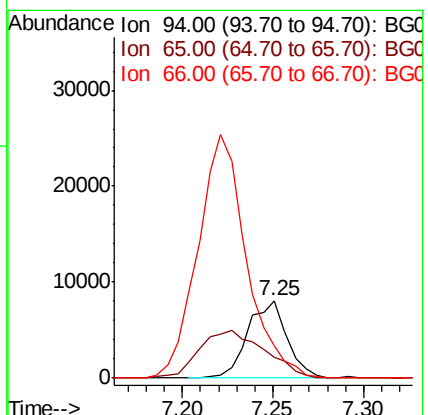
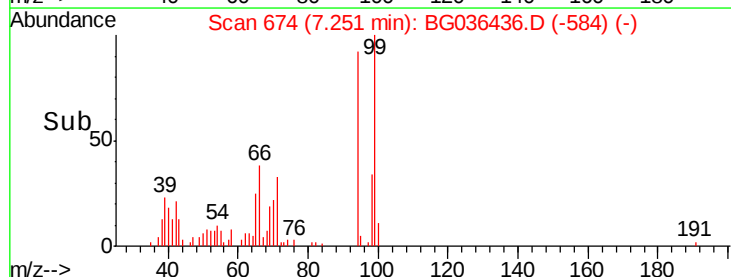
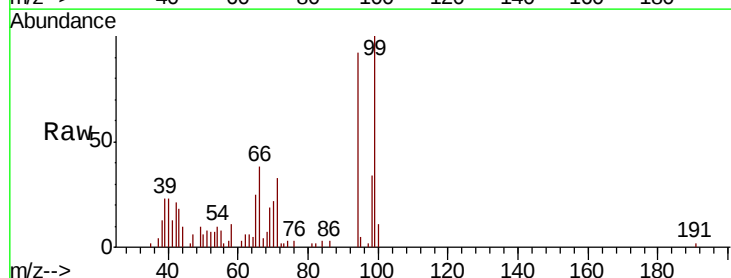
Delta R.T. -0.00 min

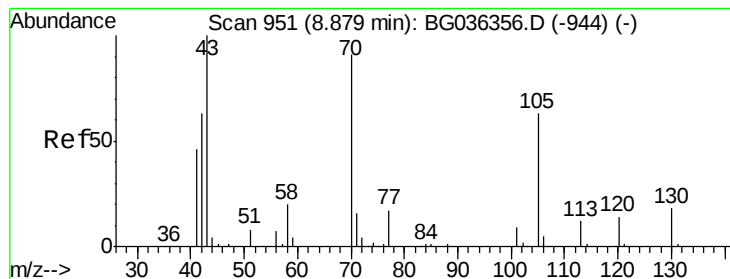
Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

Tgt Ion: 94 Resp: 12120

Ion	Ratio	Lower	Upper
94	100		
65	27.3	11.5	51.5
66	41.1	19.5	59.5





#19

n-Nitroso-di-n-propylamine

Concen: 15.770 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 61182

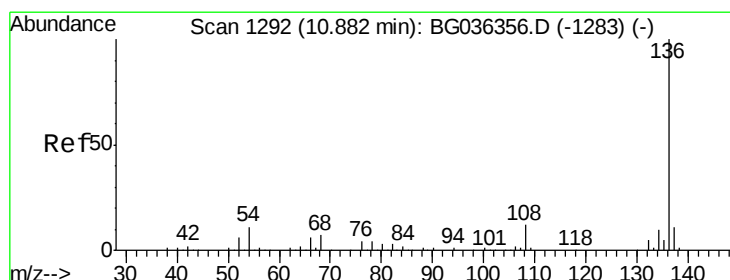
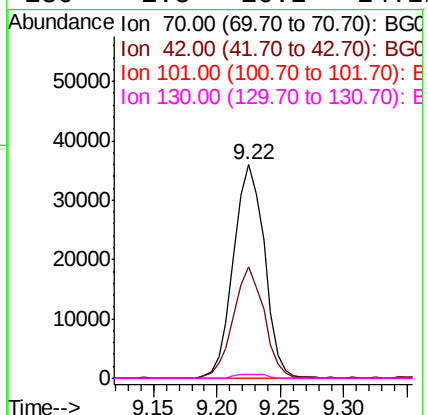
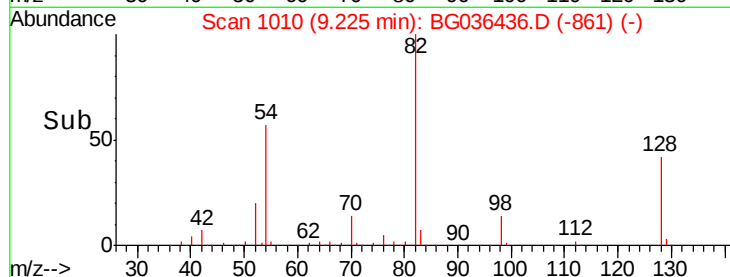
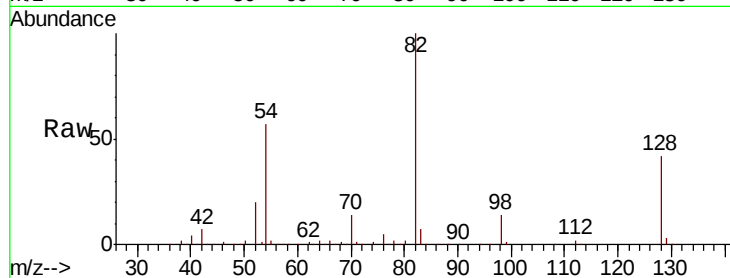
Ion Ratio Lower Upper

70 100

42 51.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

Tgt Ion: 136 Resp: 242358

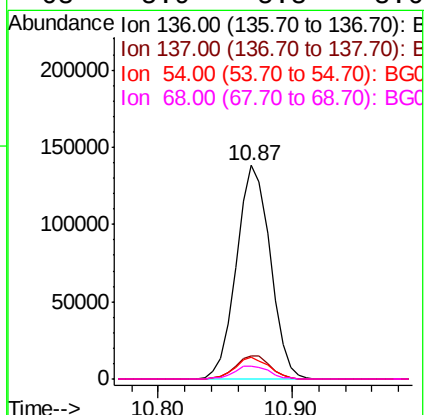
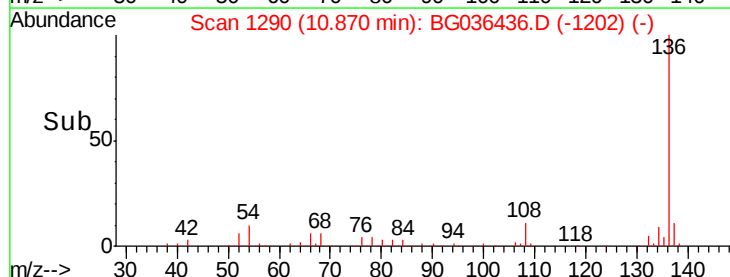
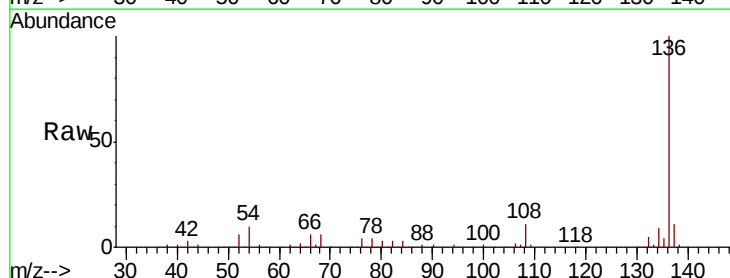
Ion Ratio Lower Upper

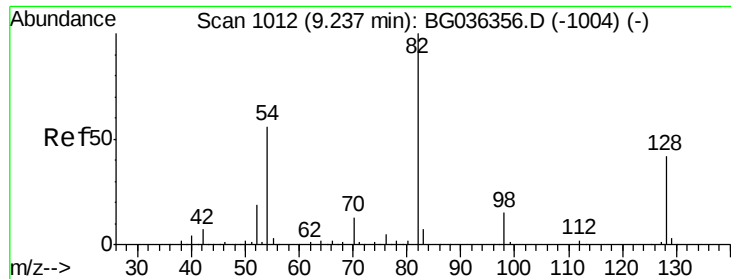
136 100

137 10.8 8.8 13.2

54 10.2 9.2 13.8

68 5.9 5.8 8.6

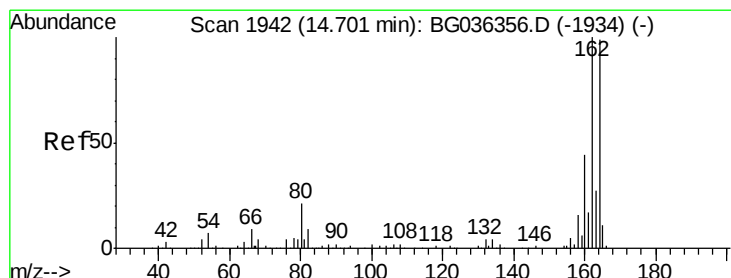
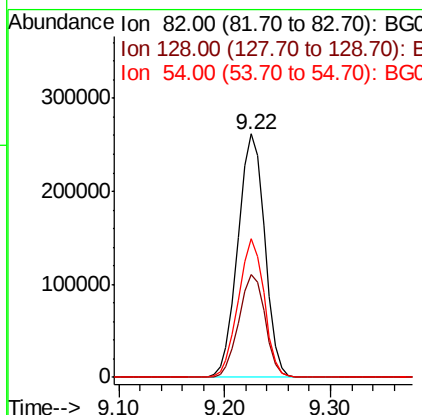
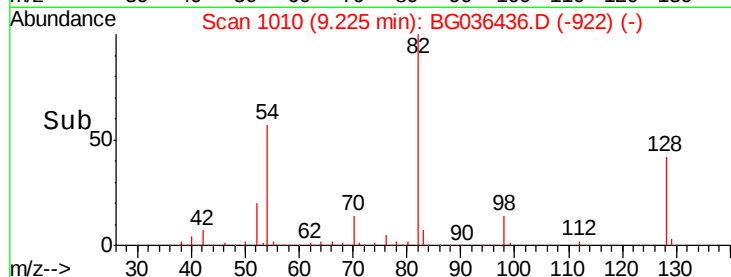
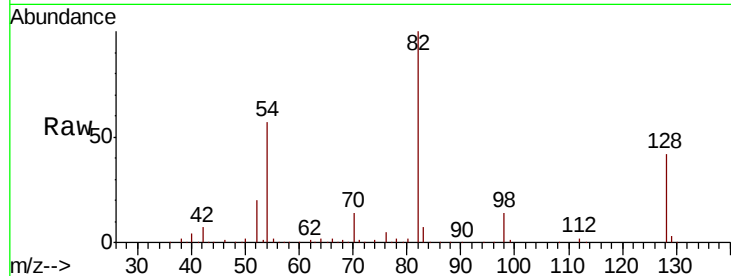




#23
 Nitrobenzene-d5
 Concen: 102.784 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

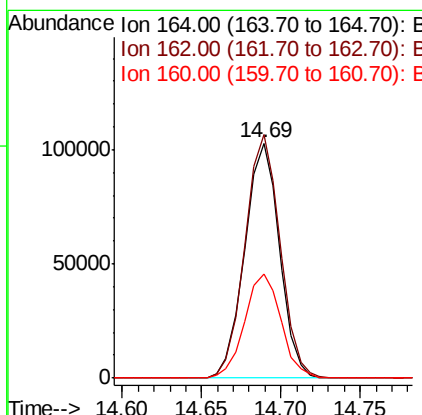
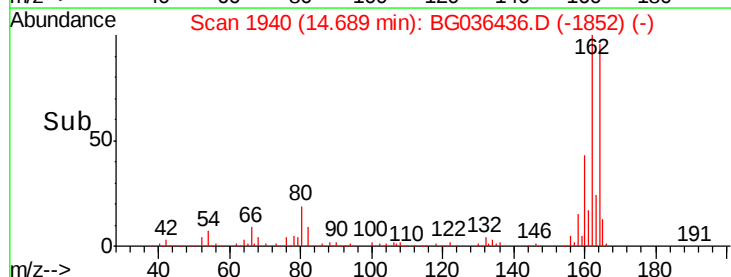
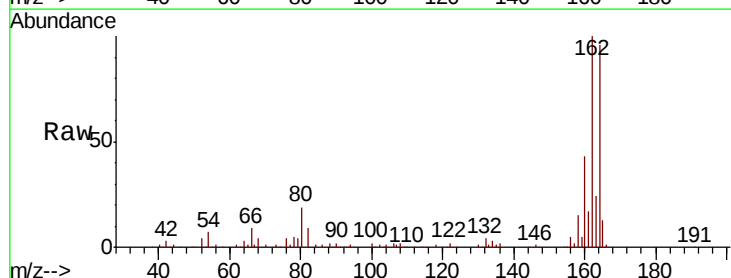
Instrument :
 BNA_G
 ClientSampleId :

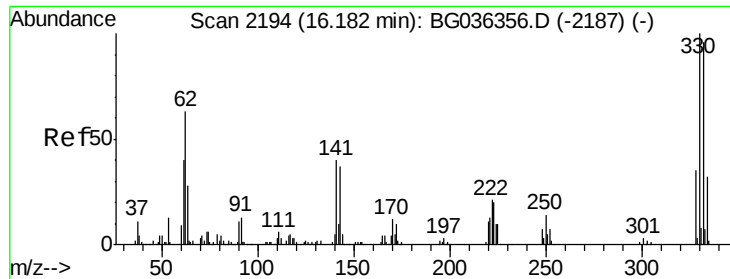
Tot Ion	82.00	Resp	459125
Ion Ratio	100	Lower	Upper
128	42.1	33.3	49.9
54	56.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Tgt Ion	164.00	Resp	156811
Ion Ratio	100	Lower	Upper
162	103.6	80.7	121.1
160	44.4	35.3	52.9

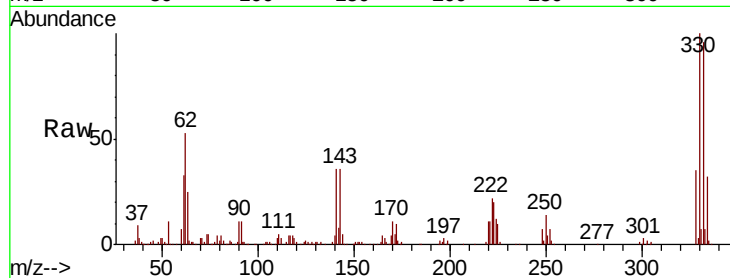




#41
 2,4,6-Tribromophenol
 Concen: 172.739 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.5	30.7	46.1

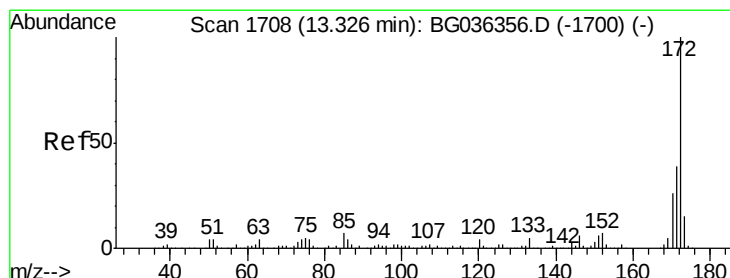
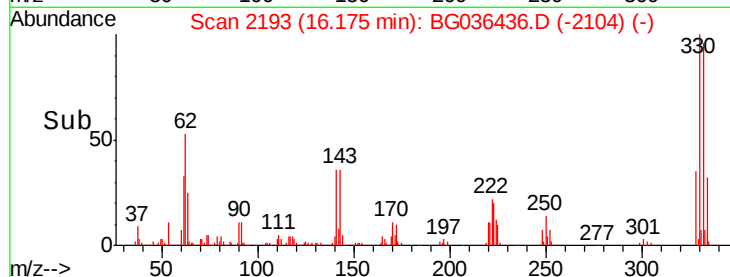
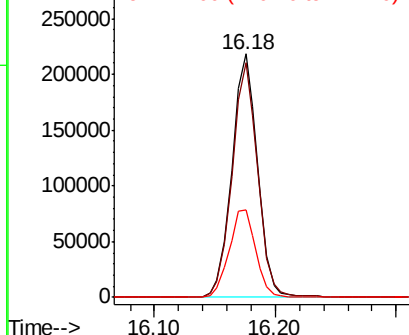


Abundance

Ion 329.80 (329.50 to 330.50): E

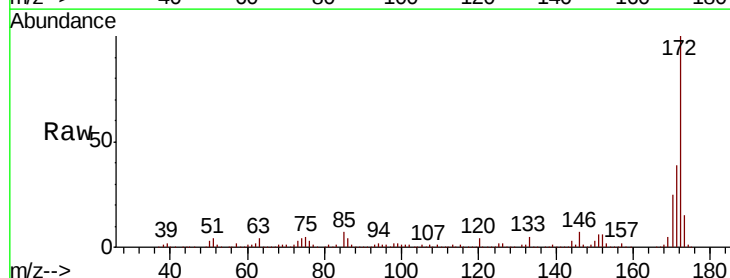
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.252 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	25.2	21.0	31.6

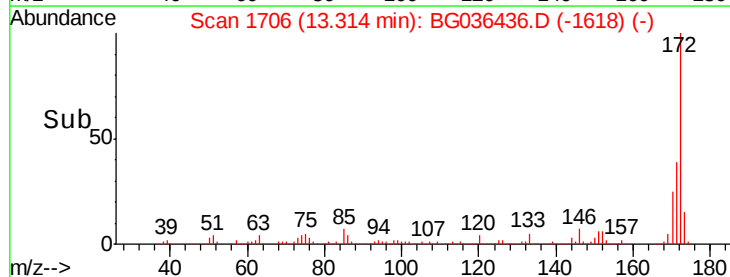
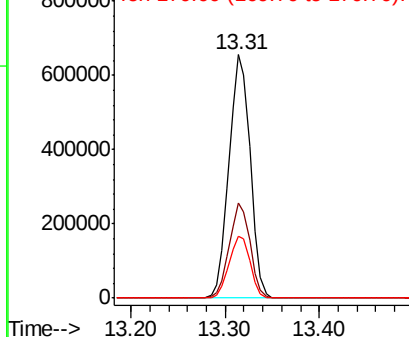


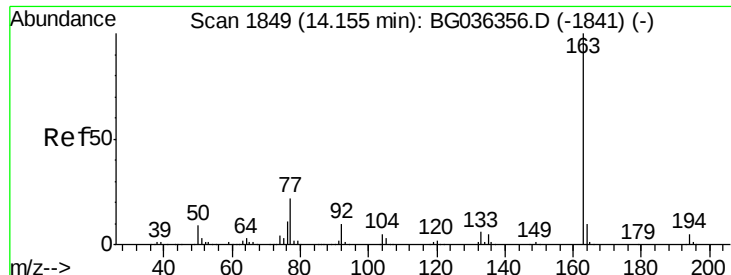
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

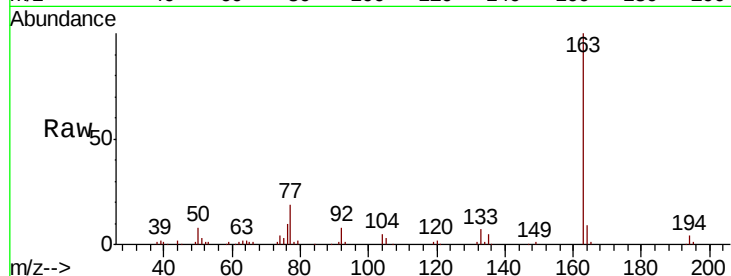




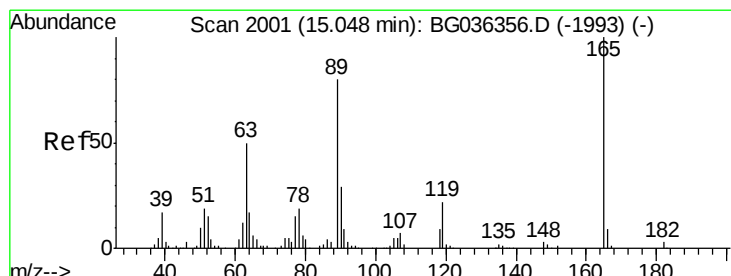
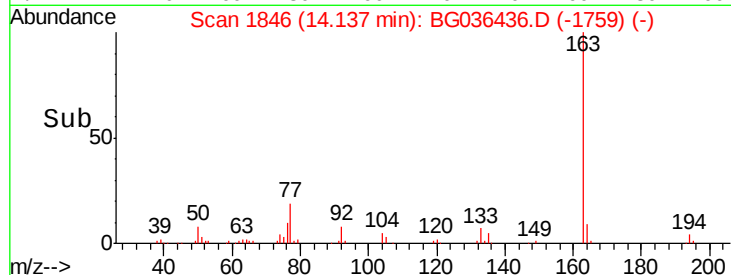
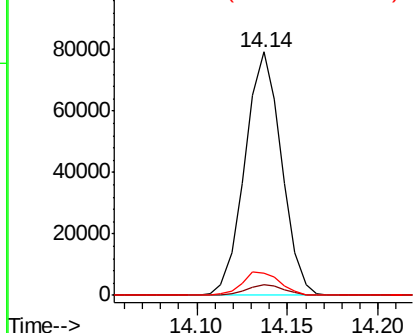
#49
Dimethylphthalate
Concen: 8.725 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 111719
Ion Ratio Lower Upper
163 100
194 4.4 4.0 6.0
164 9.0 8.1 12.1

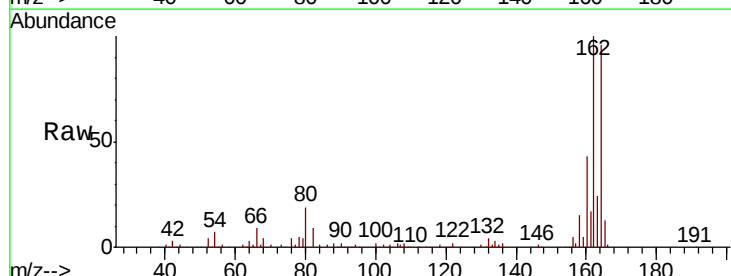


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

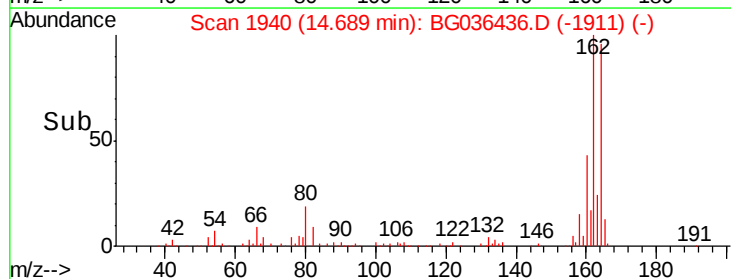
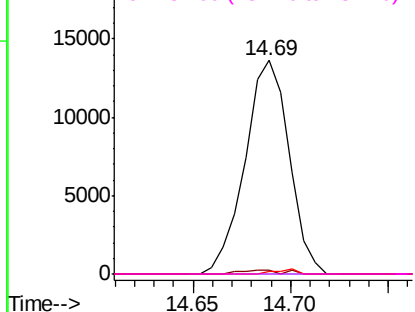


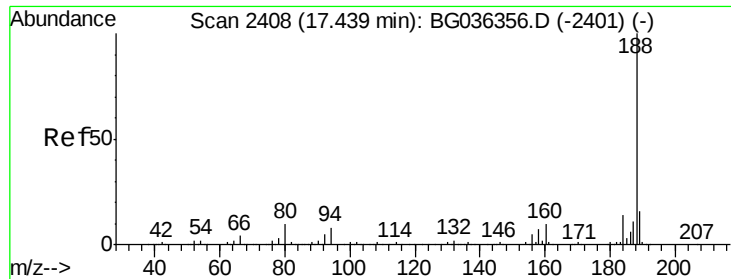
#56
2,4-Dinitrotoluene
Concen: 6.188 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Tgt Ion:165 Resp: 21248
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 1.3 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

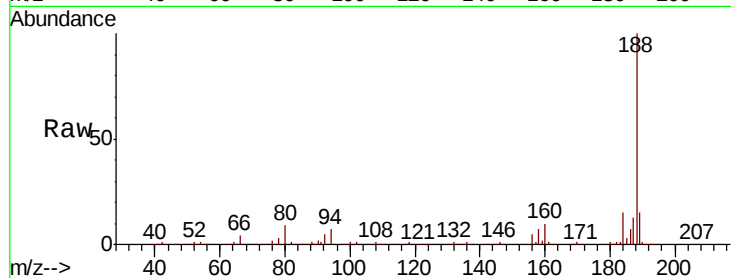




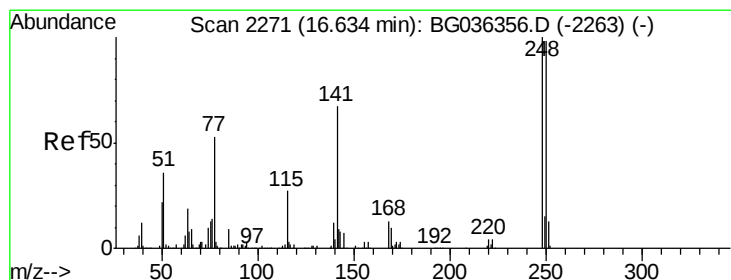
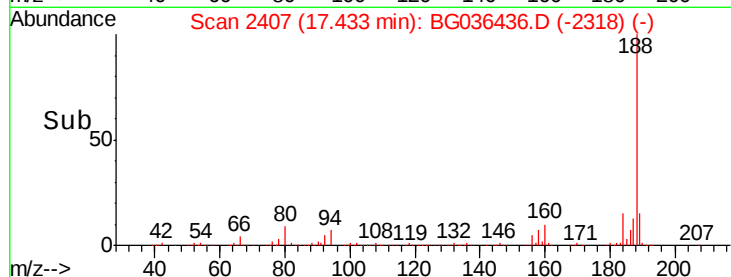
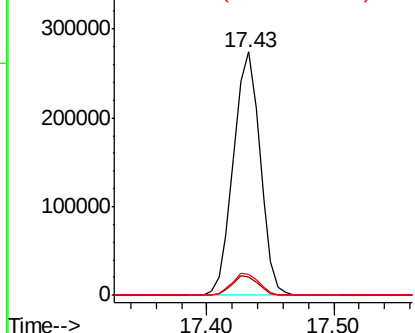
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 399590
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.8 8.1 12.1

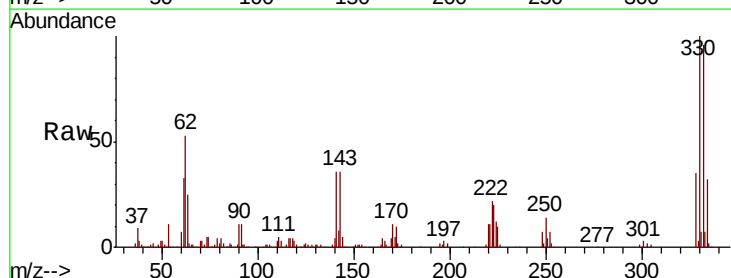


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

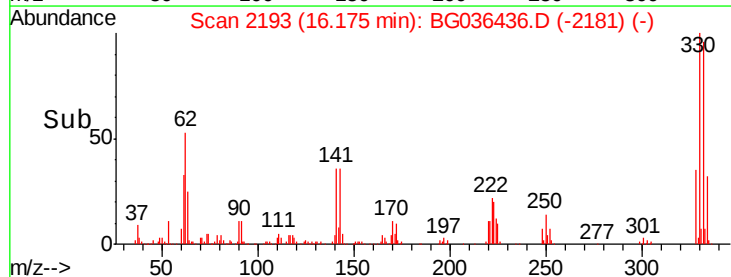
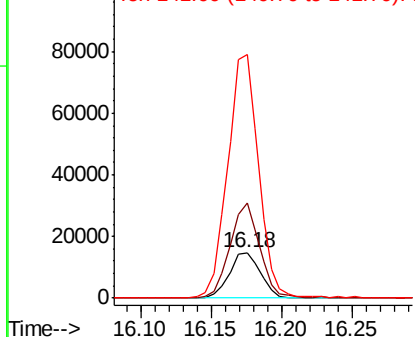


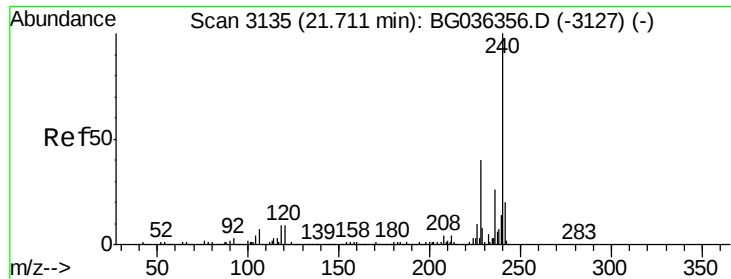
#66
 4-Bromophenyl-phenylether
 Concen: 4.875 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Tgt Ion:248 Resp: 22808
 Ion Ratio Lower Upper
 248 100
 250 209.8 78.1 117.1#
 141 534.2 53.7 80.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

Instrument :

BNA_G

ClientSampleId :

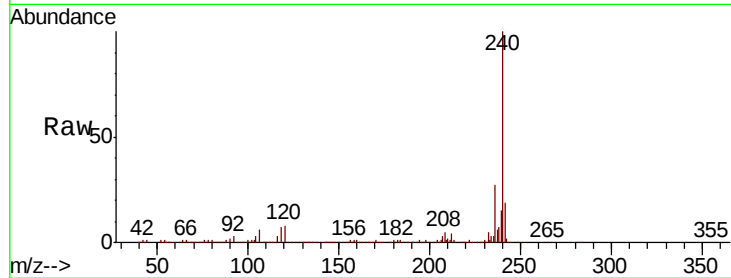
Tot Ion:240 Resp: 445177

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

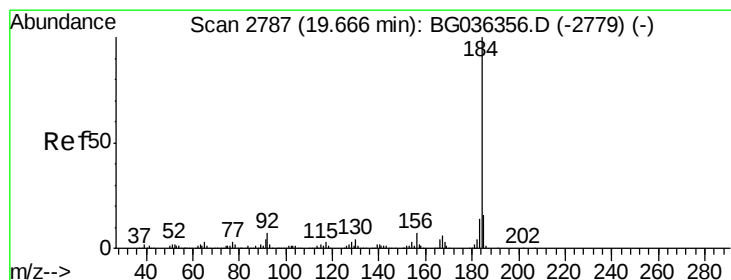
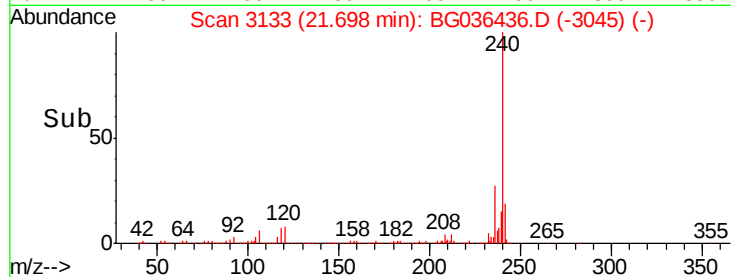
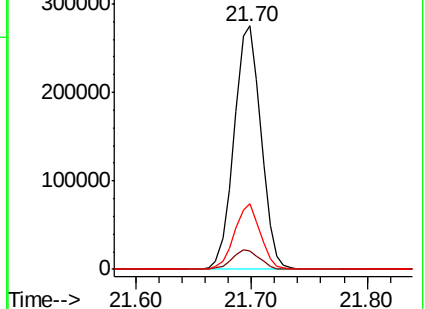
236 26.9 21.2 31.8



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: 2.126 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.38 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

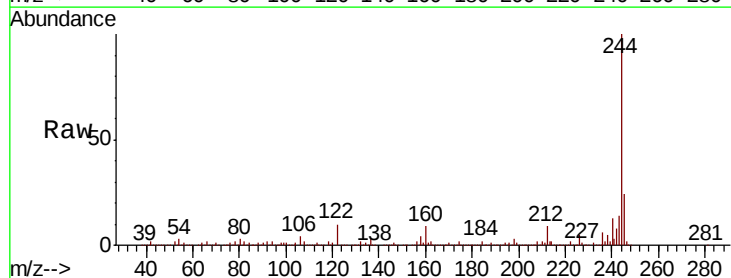
Tgt Ion:184 Resp: 30196

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

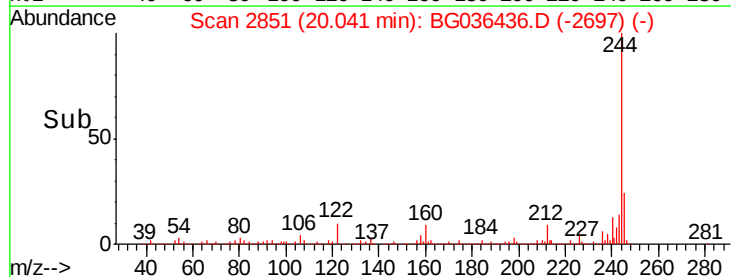
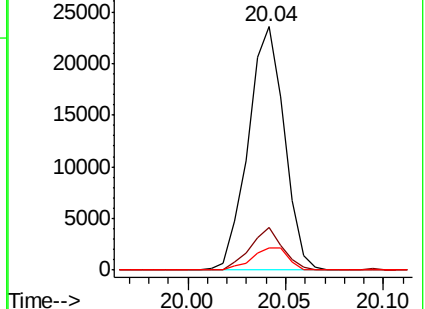
183 9.2 10.9 16.3#

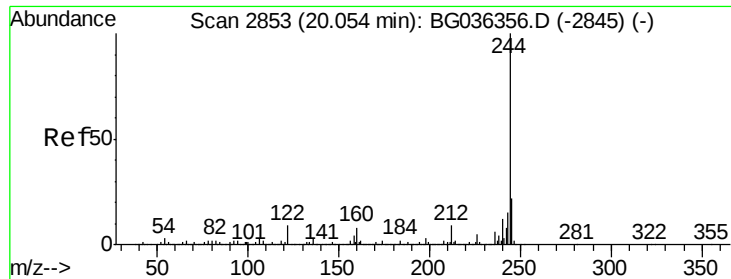


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 88.489 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

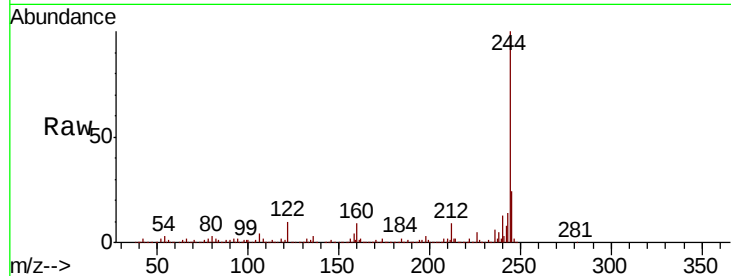
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1685388

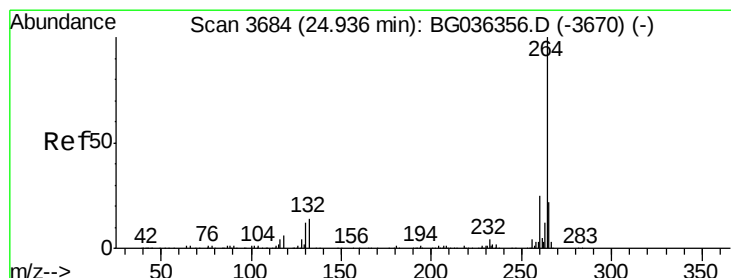
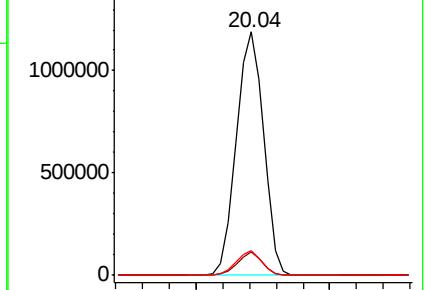
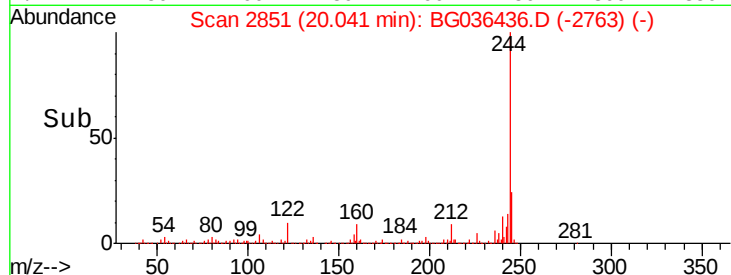
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	10.0	7.1	10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3679

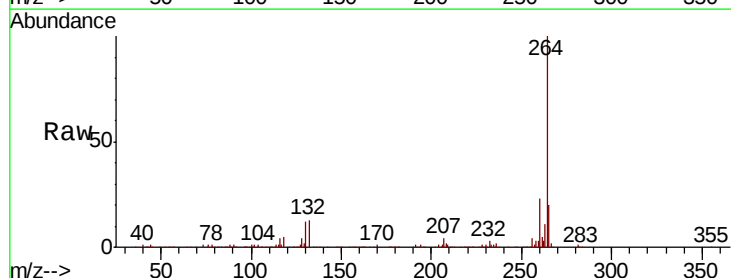
Delta R.T. -0.03 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

Tgt Ion:264 Resp: 455805

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	20.4	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

