

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036435.D
 Acq On : 27 Aug 2018 17:21
 Operator : JU/SJ
 Sample : J4556-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 17:55:31 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

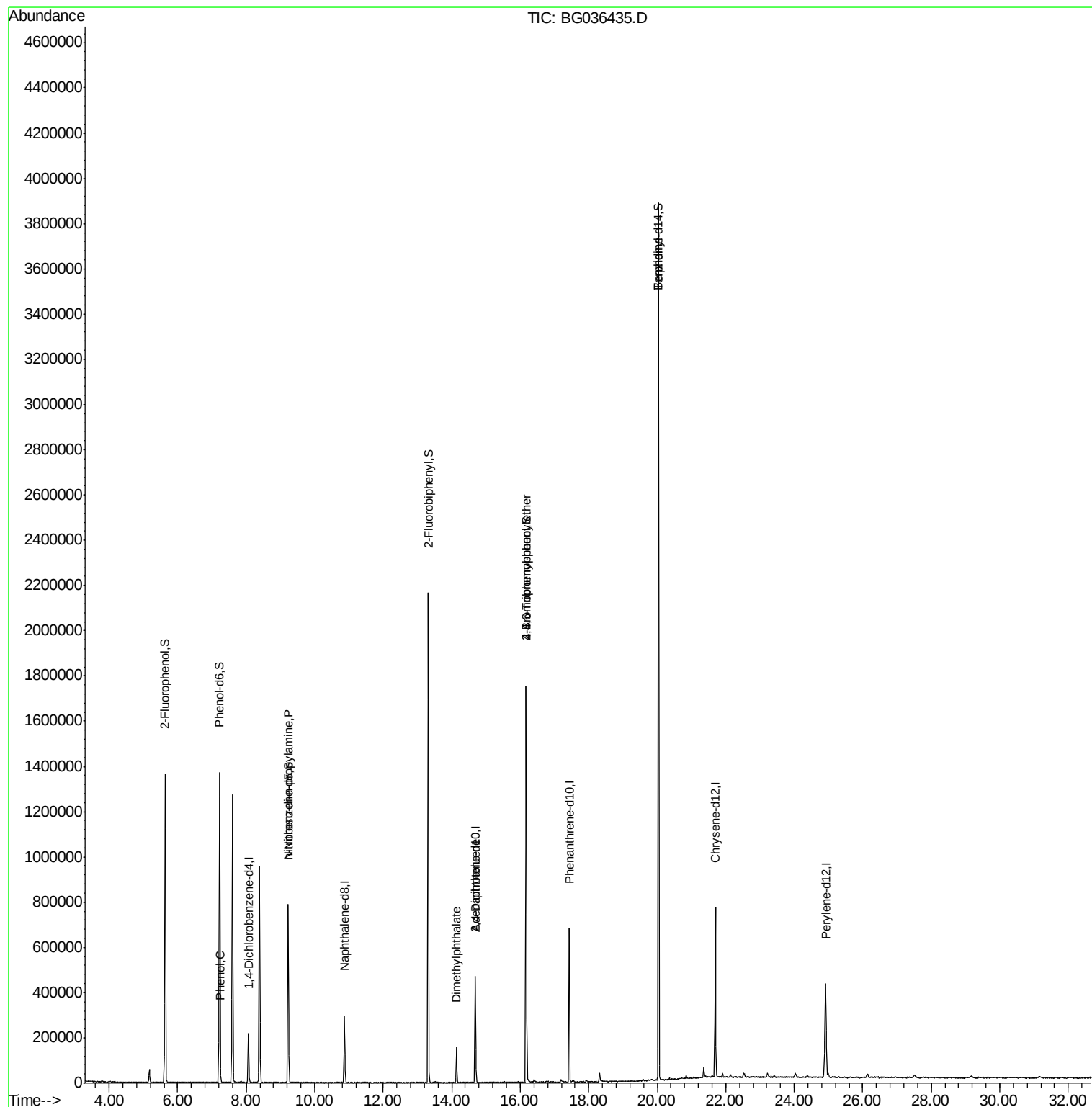
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61488	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	248308	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	163211	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	409987	20.00	ng	0.00
75) Chrysene-d12	21.70	240	440016	20.00	ng	-0.01
86) Perylene-d12	24.92	264	447895	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	556905	143.67	ng	0.00
7) Phenol-d6	7.22	99	783604	141.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	468709	102.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	326314	167.56	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1093311	95.65	ng	-0.01
78) Terphenyl-d14	20.04	244	1759162	93.45	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	13343	2.297	ng	96
19) n-Nitroso-di-n-propylamine	9.22	70	62422	15.050	ng	# 71
49) Dimethylphthalate	14.14	163	101880	7.645	ng	99
56) 2,4-Dinitrotoluene	14.69	165	20469	5.727	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	23120	4.817	ng	# 1
76) Benzidine	20.04	184	32253	2.297	ng	# 93

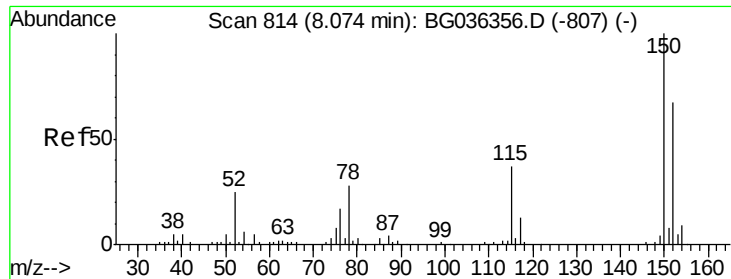
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
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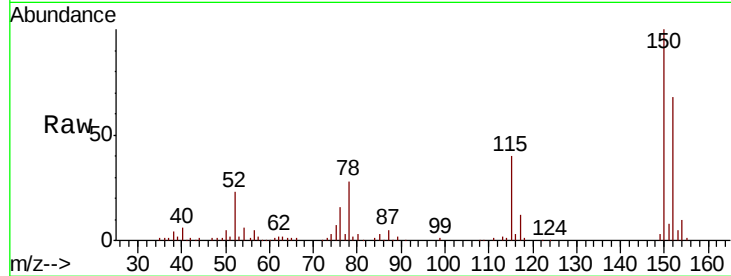


#1

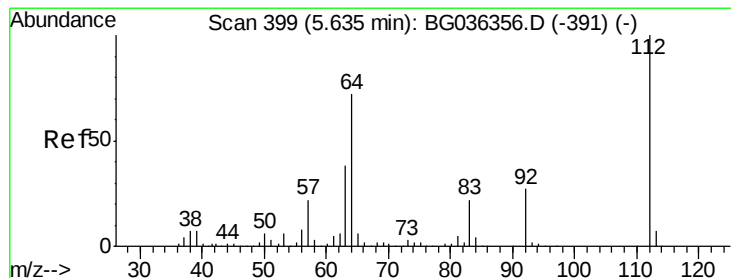
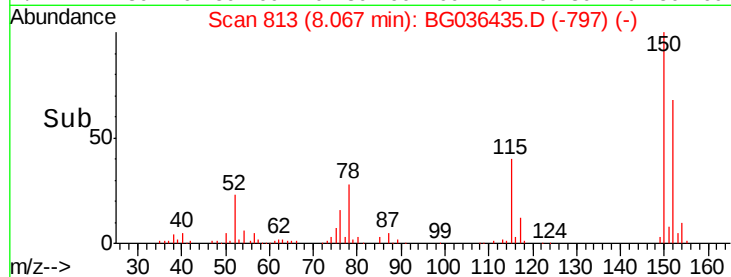
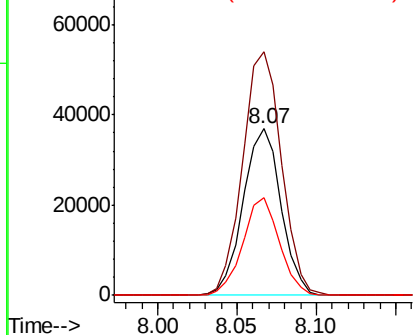
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	119.5	179.3
115	58.5	44.5	66.7



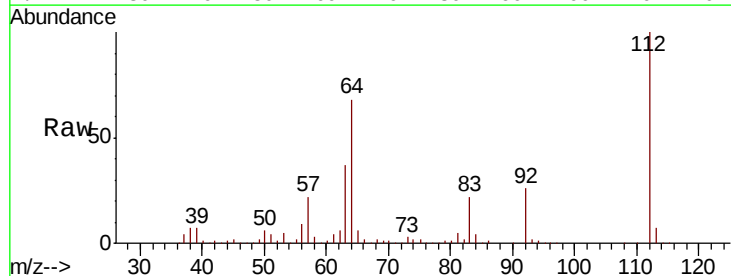
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



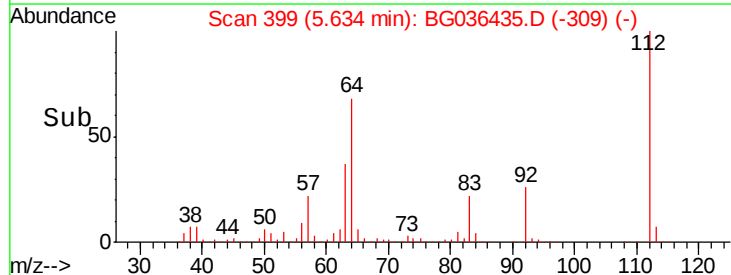
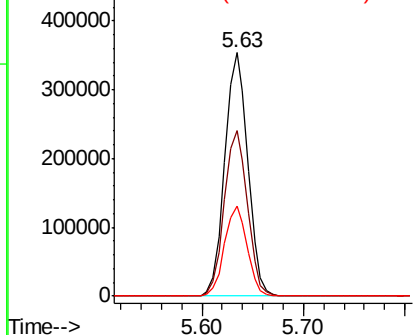
#5

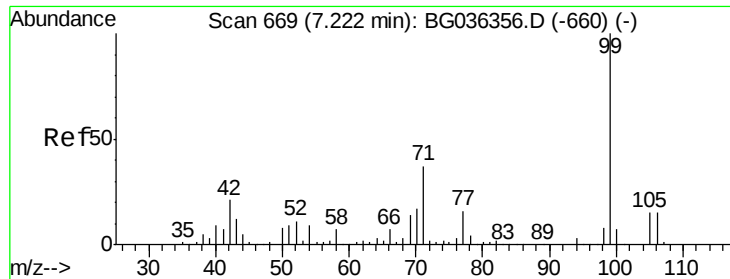
2-Fluorophenol
 Concen: 143.673 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	37.1	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: 141.196 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_G

ClientSampled :

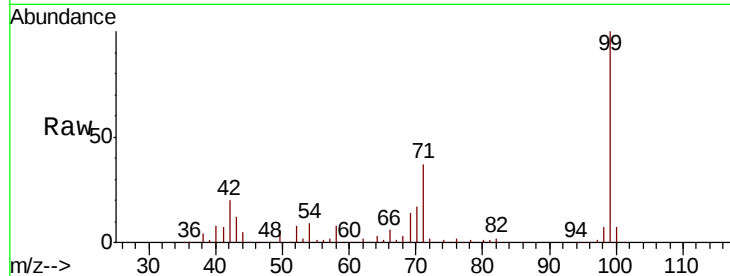
Tot Ion: 99 Resp: 783604

Ion Ratio Lower Upper

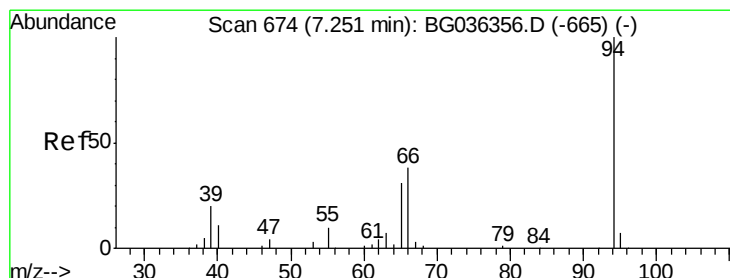
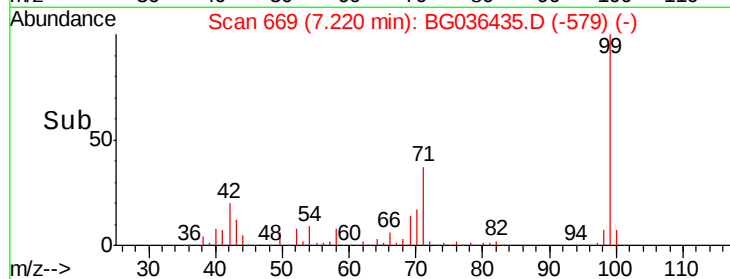
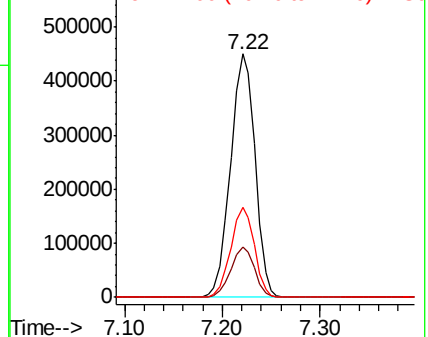
99 100

42 20.4 16.5 24.7

71 36.9 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



#10

Phenol

Concen: 2.297 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

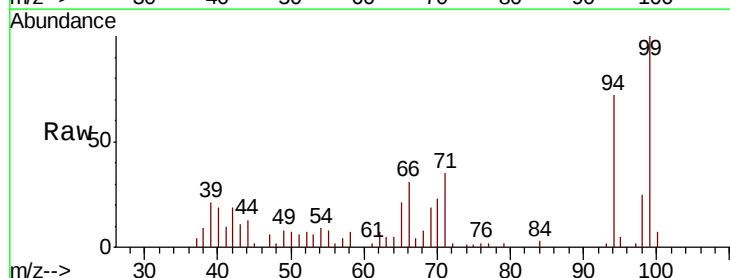
Tgt Ion: 94 Resp: 13343

Ion Ratio Lower Upper

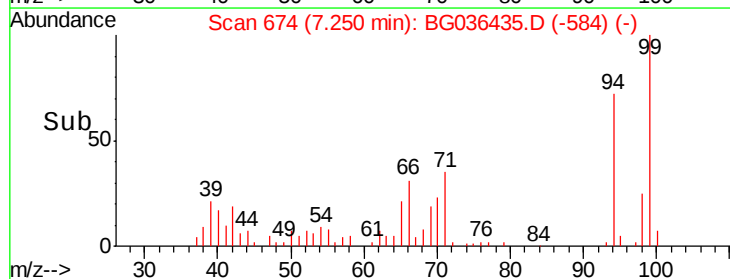
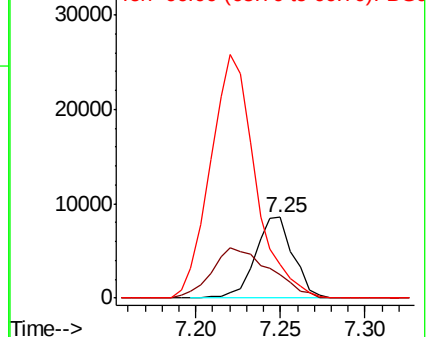
94 100

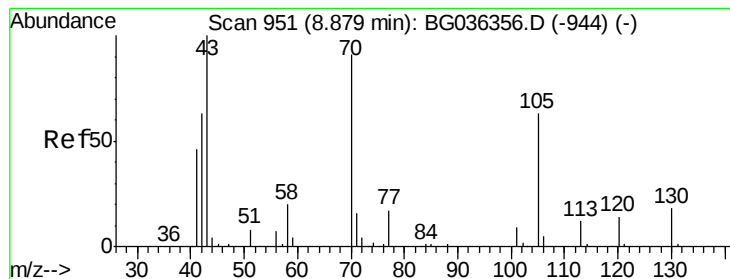
65 29.2 11.5 51.5

66 42.3 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.050 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 62422

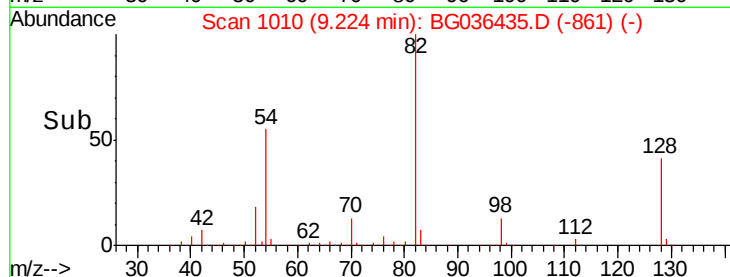
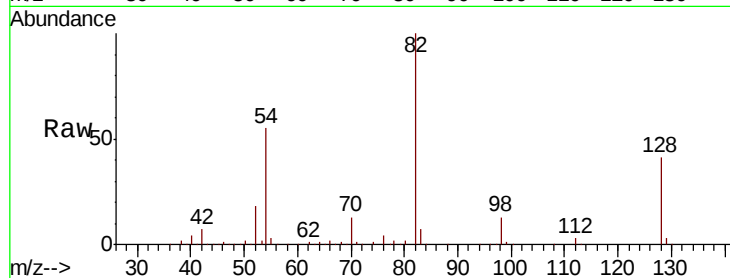
Ion Ratio Lower Upper

70 100

42 49.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#

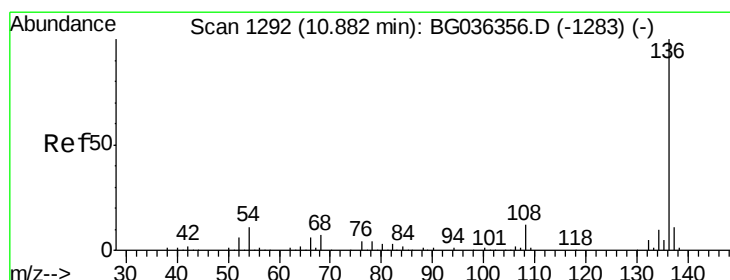
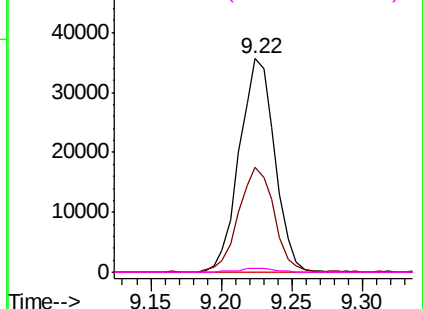


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

Tgt Ion: 136 Resp: 248308

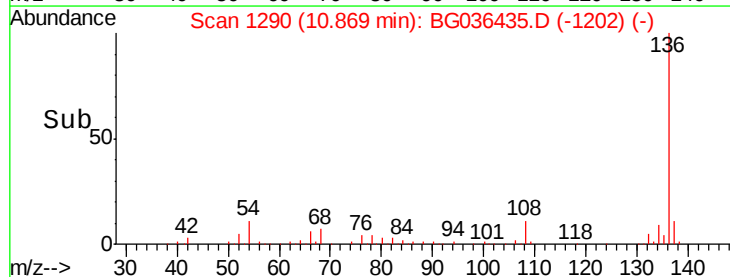
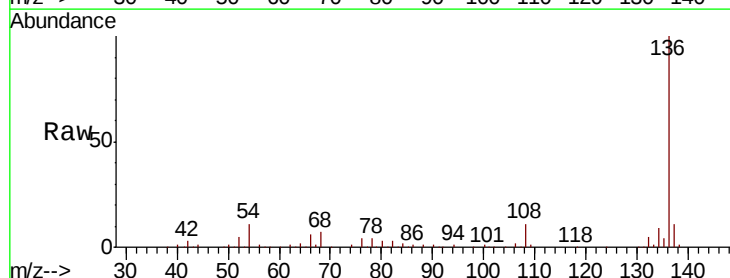
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.7 9.2 13.8

68 6.7 5.8 8.6

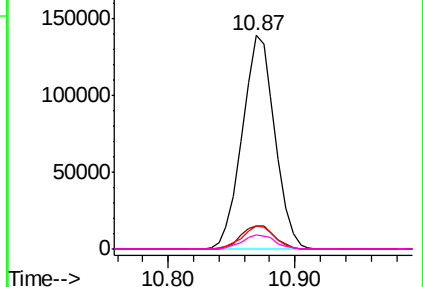


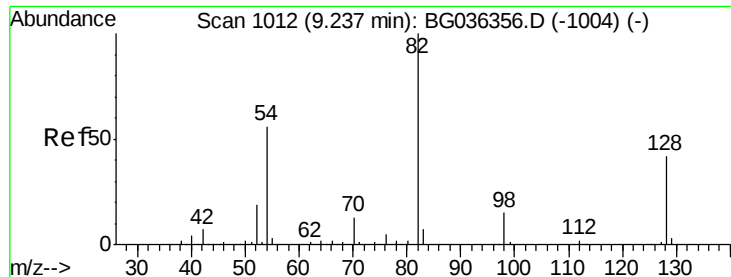
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 102.416 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_G

ClientSampled :

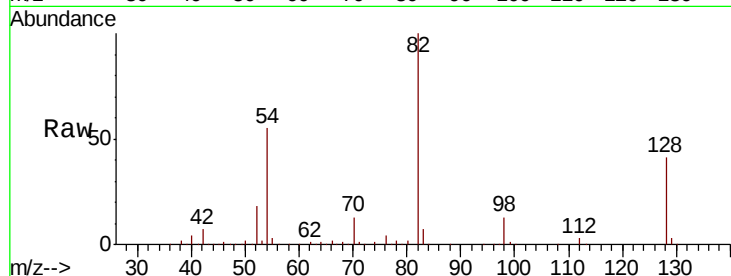
Tot Ion: 82 Resp: 468709

Ion Ratio Lower Upper

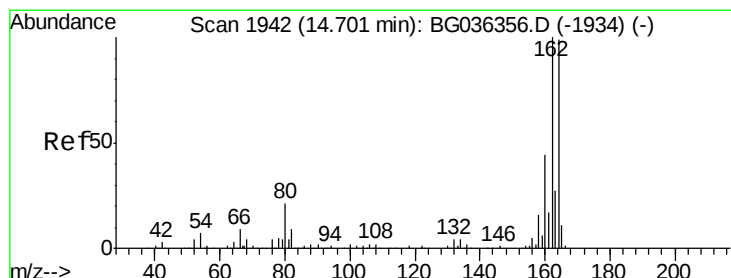
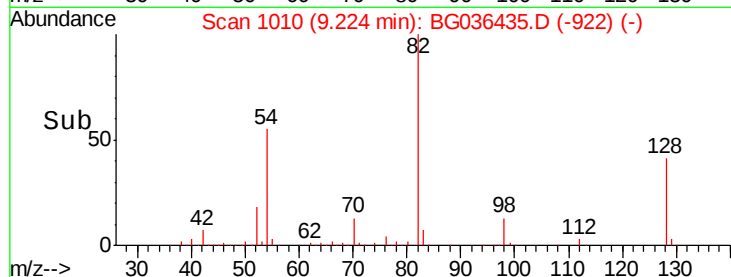
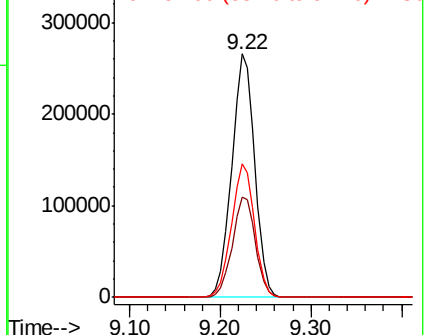
82 100

128 41.4 33.3 49.9

54 54.6 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

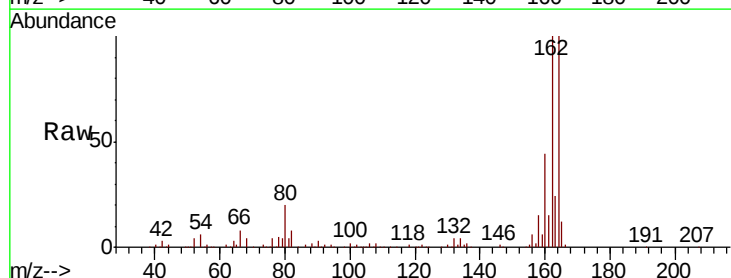
Tgt Ion:164 Resp: 163211

Ion Ratio Lower Upper

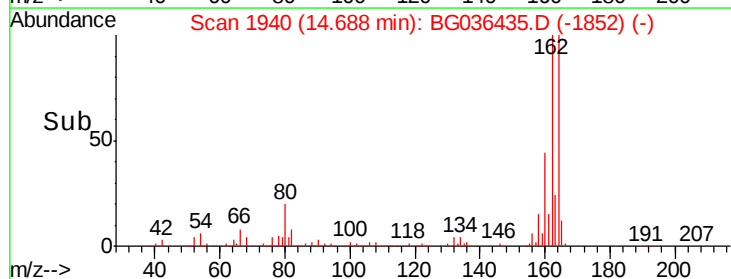
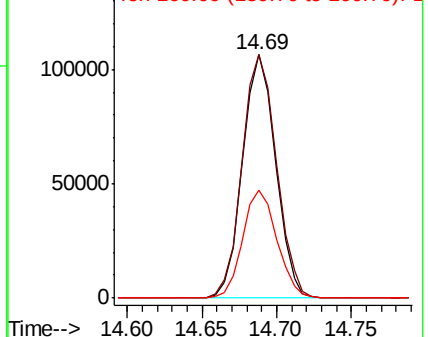
164 100

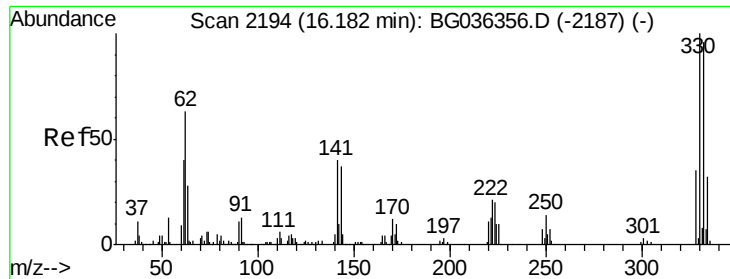
162 99.9 80.7 121.1

160 44.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

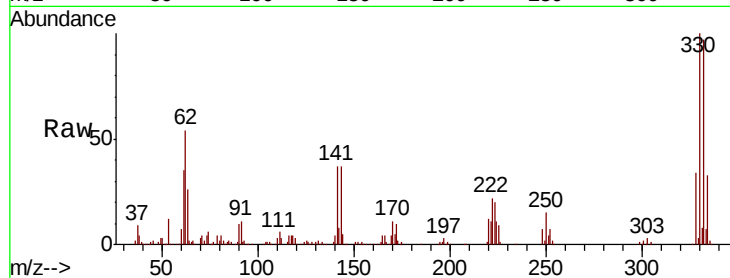




#41
 2,4,6-Tribromophenol
 Concen: 167.558 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.4	113.2
141	37.0	30.7	46.1

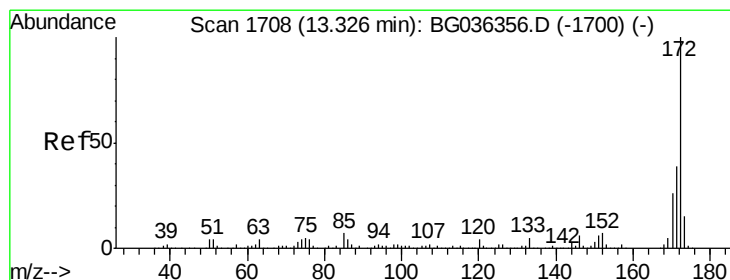
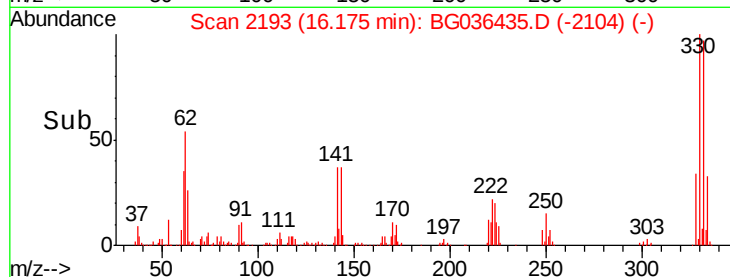
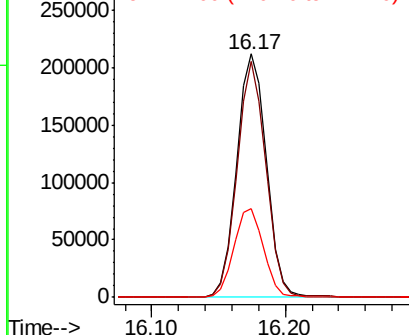


Abundance

Ion 329.80 (329.50 to 330.50): E

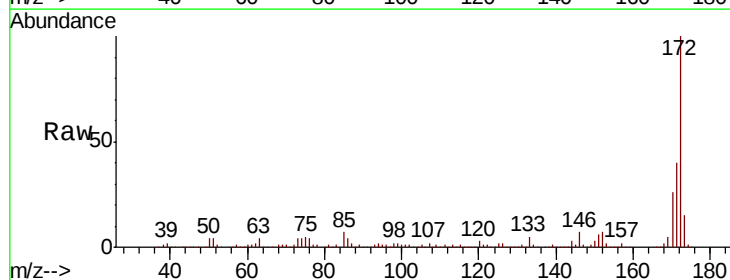
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.646 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.3	46.9
170	26.1	21.0	31.6

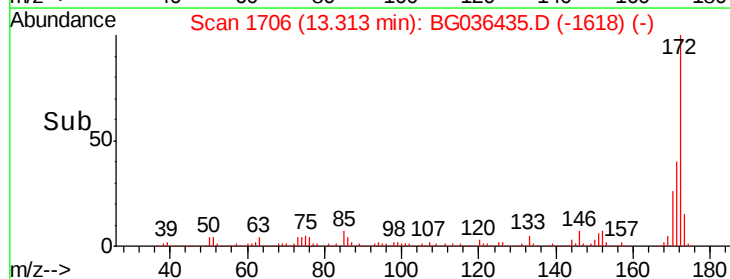
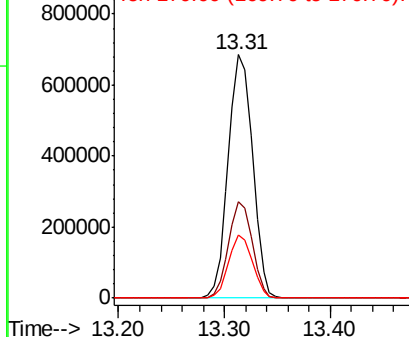


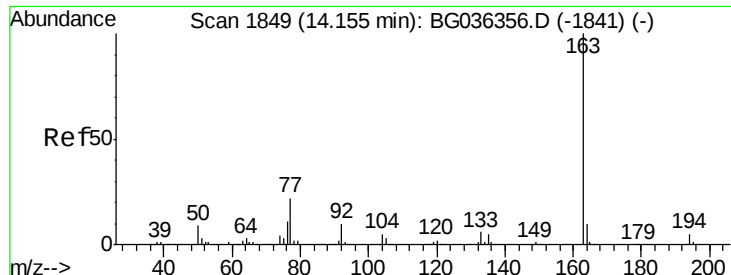
Abundance

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

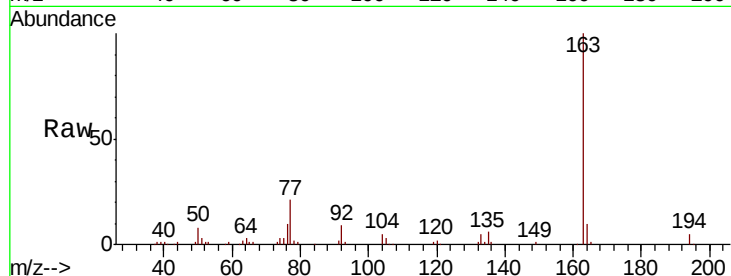




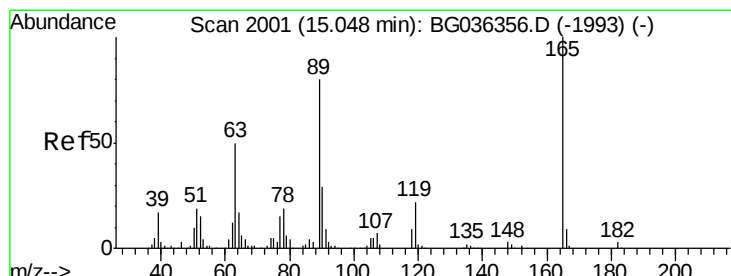
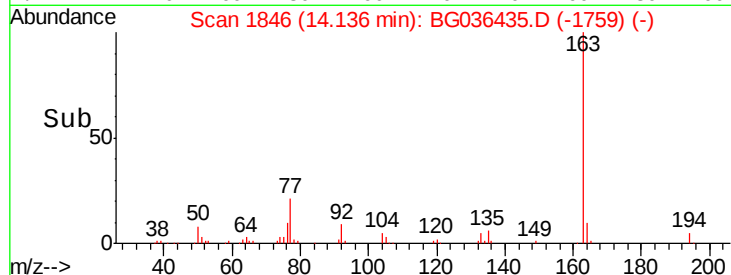
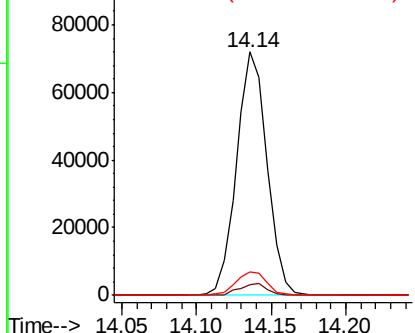
#49
Dimethylphthalate
Concen: 7.645 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	9.9	8.1	12.1

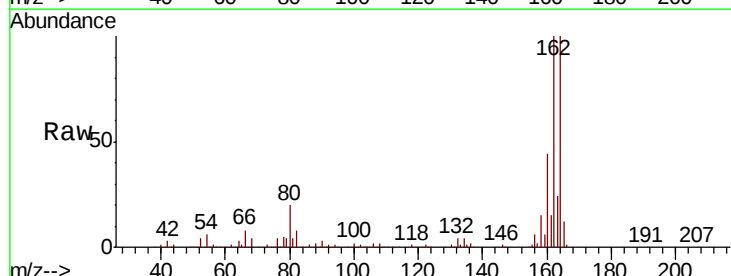


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

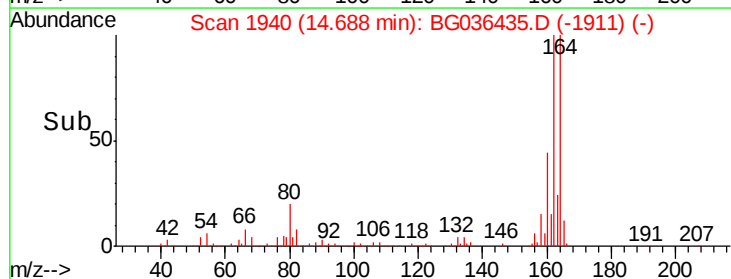
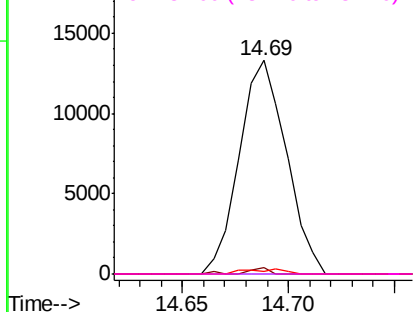


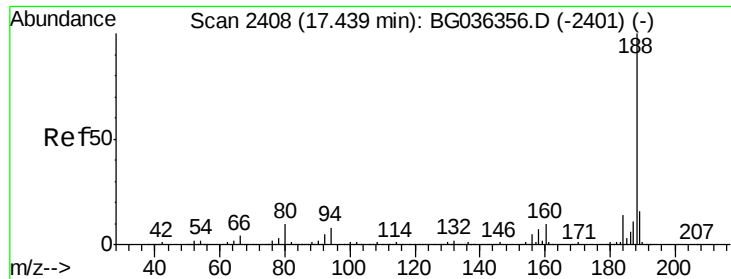
#56
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	40.1	60.1#
89	1.2	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

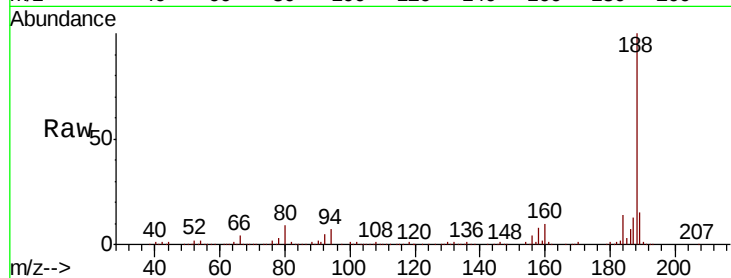




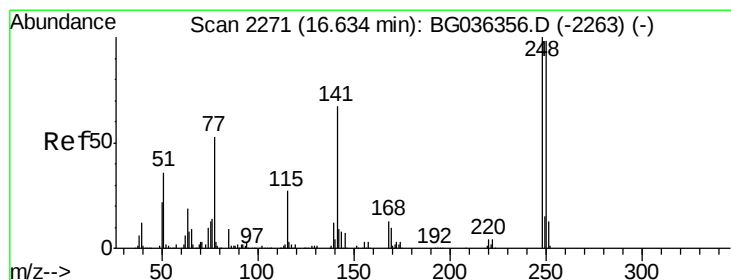
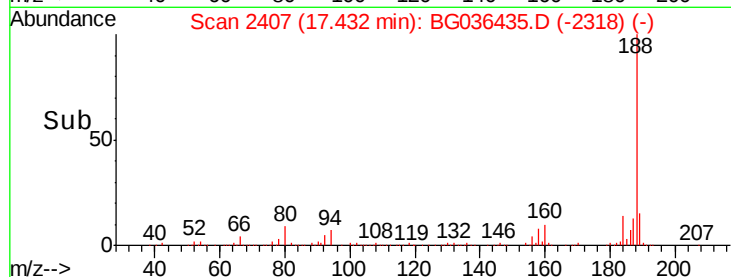
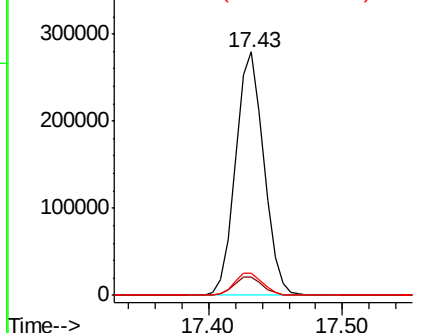
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 409987
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.1 8.1 12.1

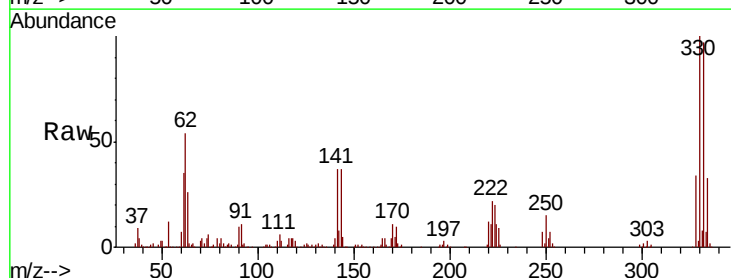


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

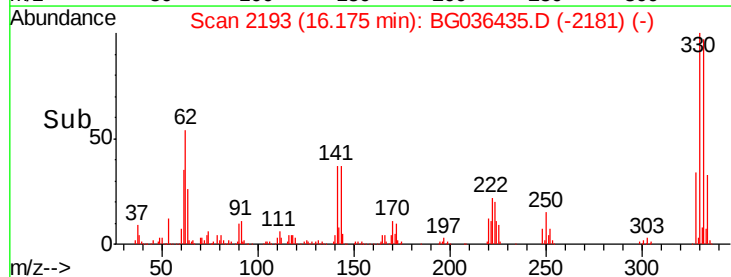
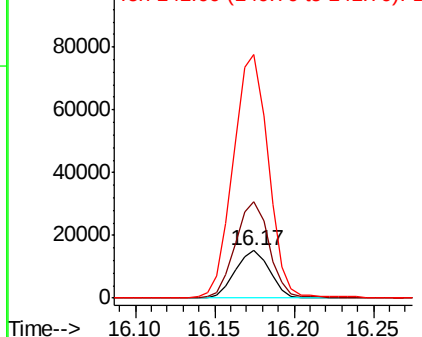


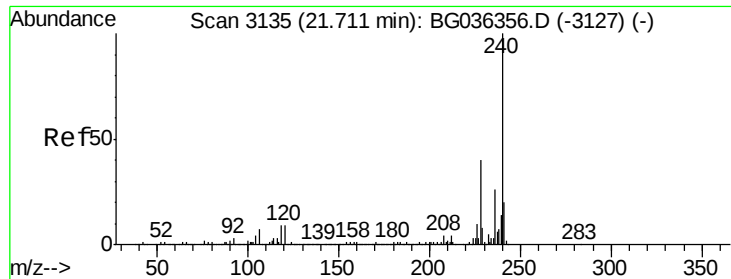
#66
4-Bromophenyl-phenylether
Concen: 4.817 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Tgt Ion:248 Resp: 23120
Ion Ratio Lower Upper
248 100
250 205.4 78.1 117.1#
141 515.7 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: BG036435.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_G

ClientSampleId :

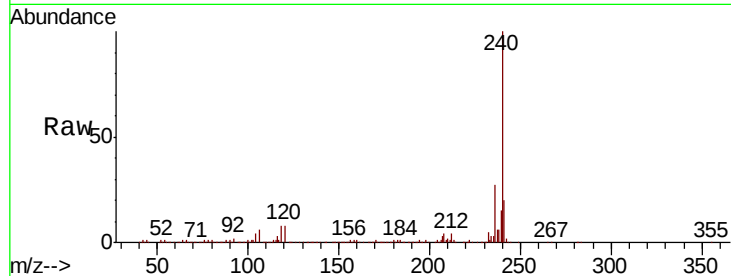
Tot Ion:240 Resp: 440016

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

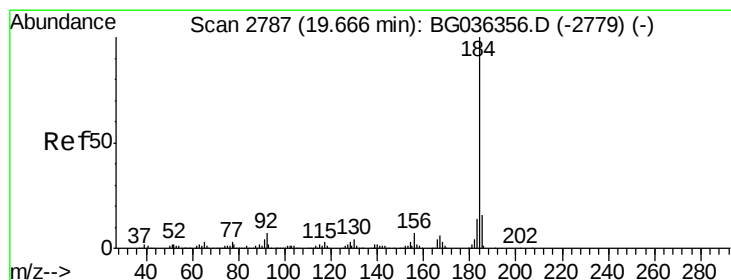
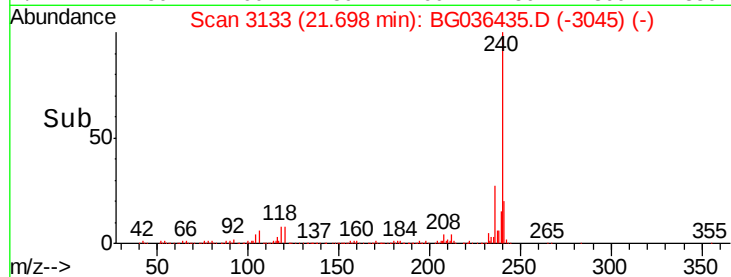
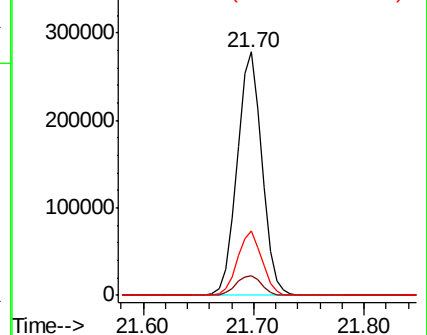
236 26.6 21.2 31.8



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



#76

Benzidine

Concen: 2.297 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

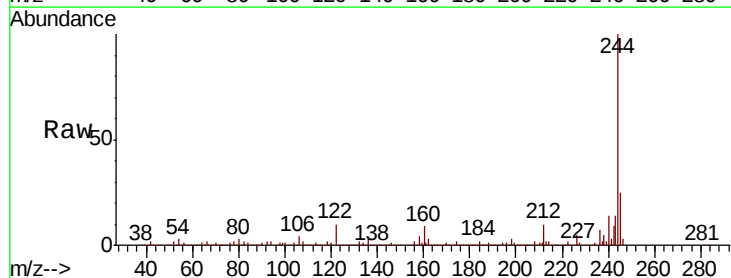
Tgt Ion:184 Resp: 32253

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

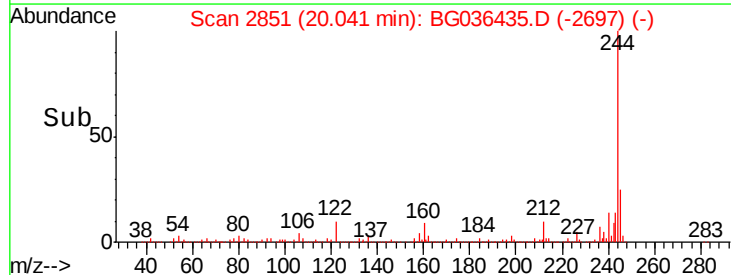
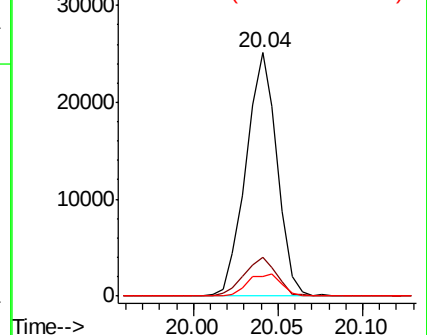
183 8.1 10.9 16.3#

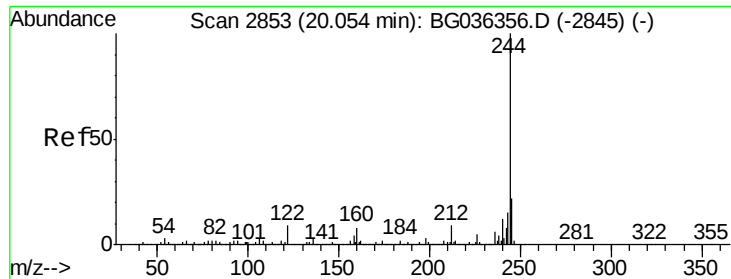


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.446 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_G

ClientSampleId :

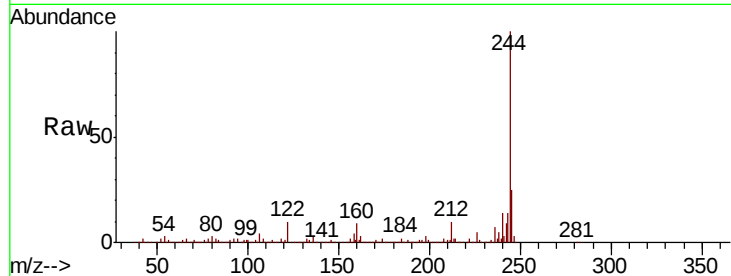
Tot Ion:244 Resp: 1759162

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

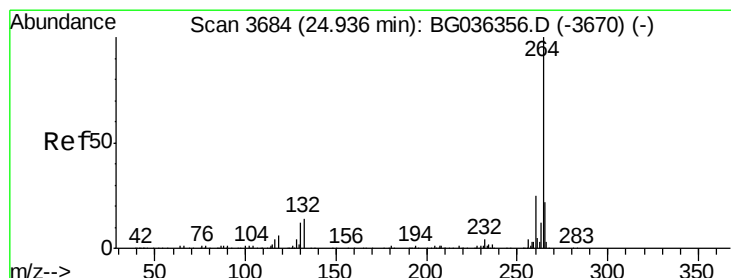
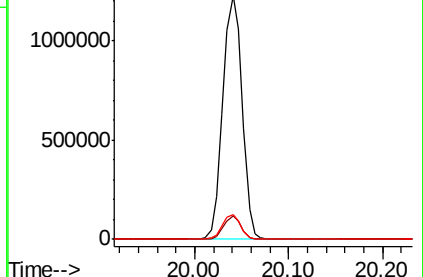
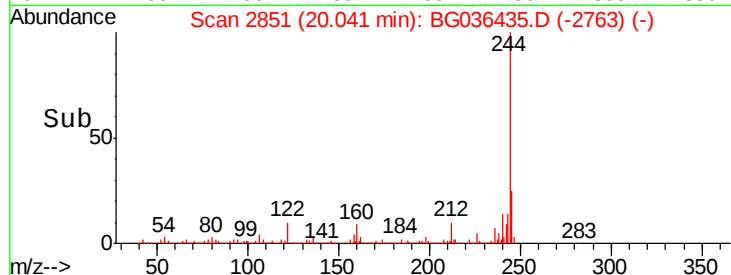
122 10.3 7.1 10.7



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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

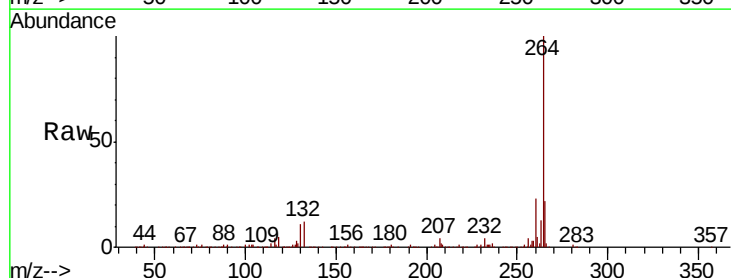
Tgt Ion:264 Resp: 447895

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.7 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

