

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
 Data File : BG036374.D
 Acq On : 23 Aug 2018 11:33
 Operator : JU/SJ
 Sample : J4540-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 12:32:58 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

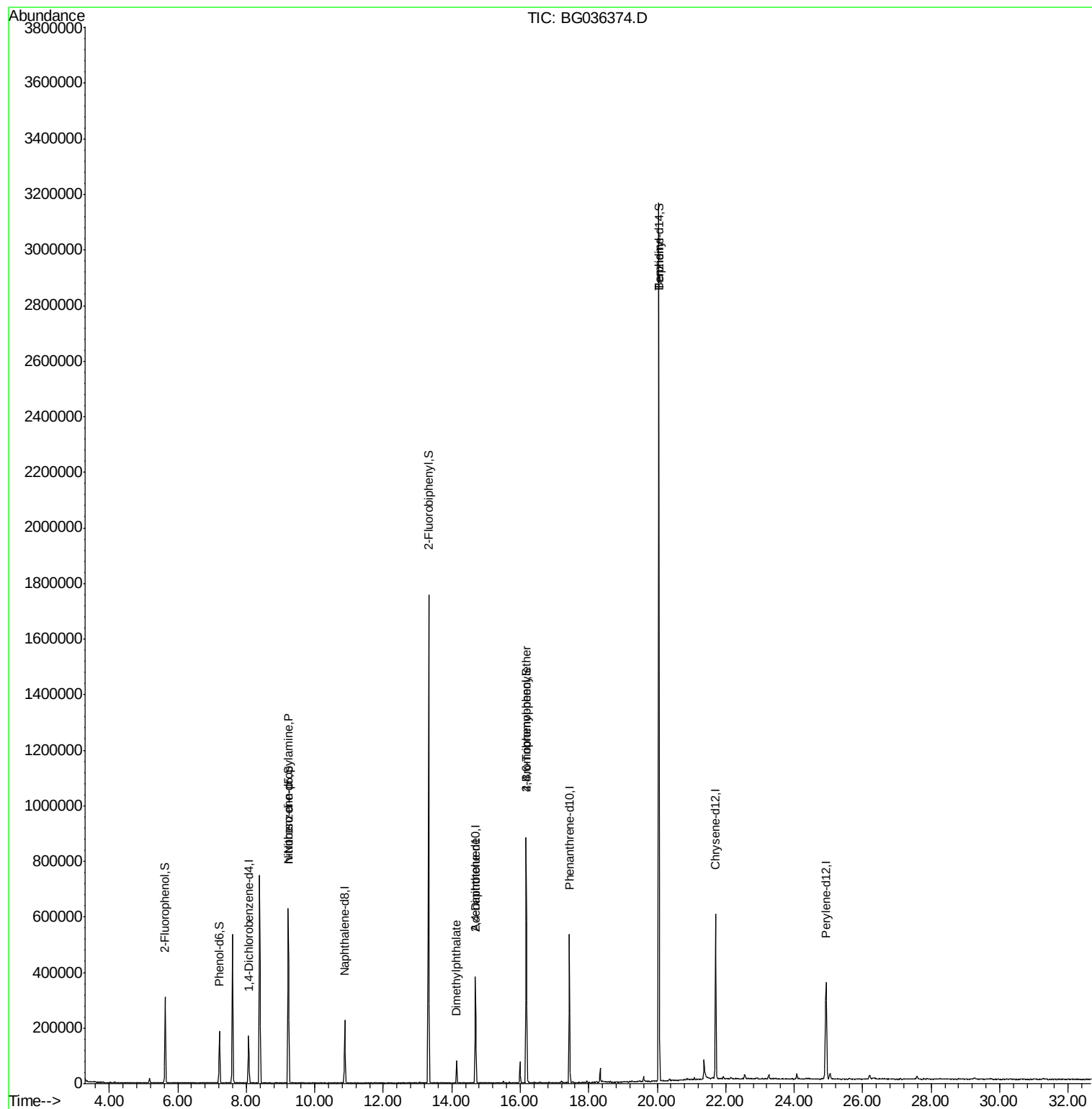
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	46872	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	187139	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	120119	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	318221	20.00	ng	0.00
75) Chrysene-d12	21.70	240	369537	20.00	ng	0.00
86) Perylene-d12	24.93	264	375042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	124600	42.17	ng	0.00
7) Phenol-d6	7.21	99	107150	25.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	370411	107.39	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	155889	108.76	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	876257	104.16	ng	0.00
78) Terphenyl-d14	20.05	244	1500787	94.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	48616	15.376	ng	Qvalue # 73
49) Dimethylphthalate	14.14	163	52469	5.349	ng	98
56) 2,4-Dinitrotoluene	14.69	165	15798	6.006	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	11295	3.032	ng	# 1
76) Benzidine	20.05	184	26960	2.287	ng	# 92

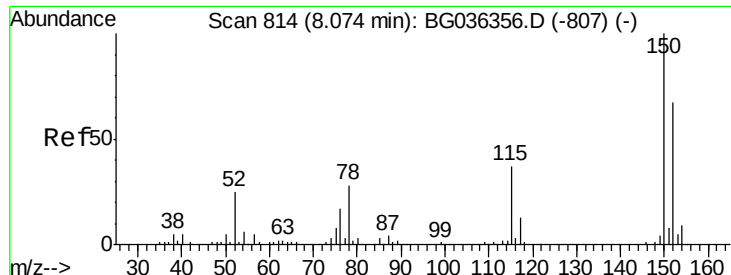
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

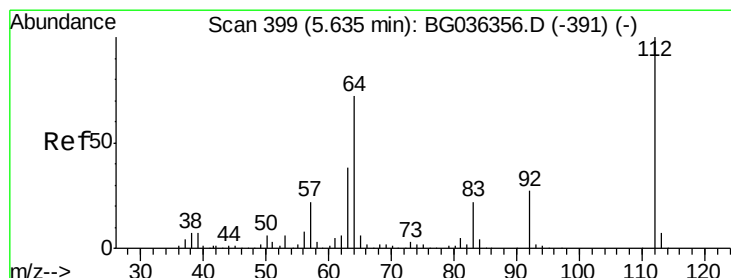
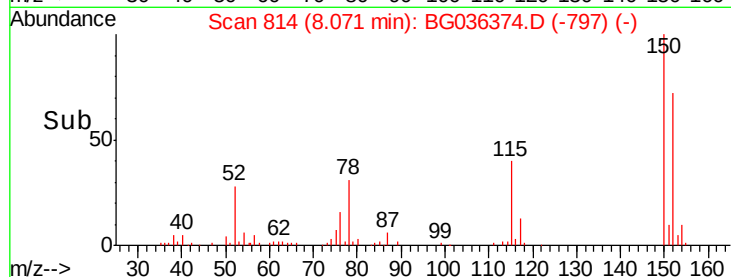
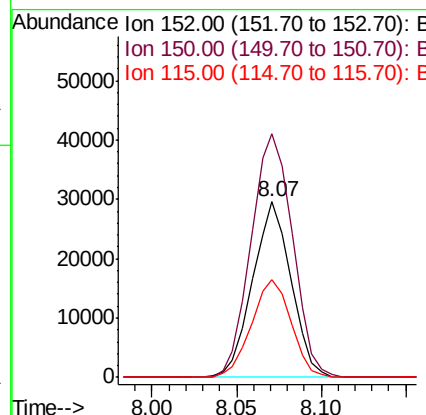
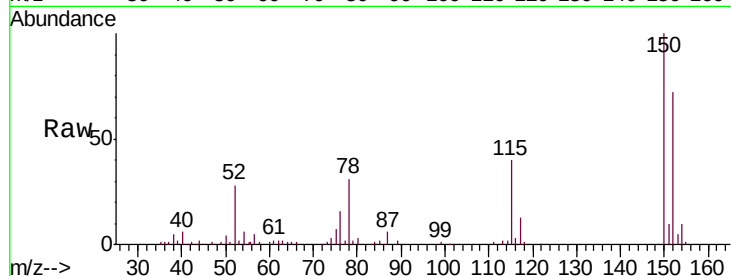




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

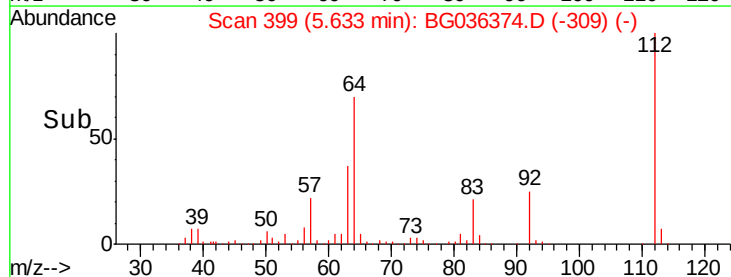
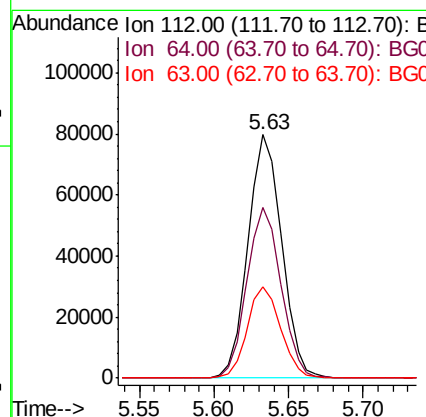
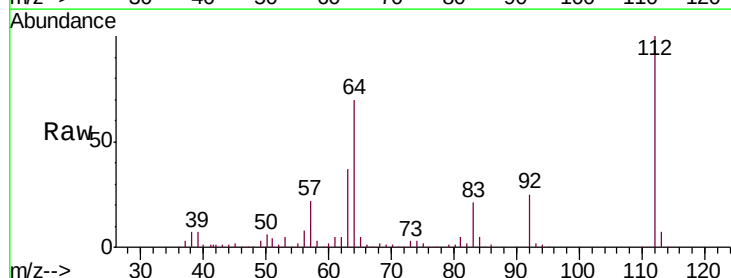
Instrument :
 BNA_G
 ClientSampleId :

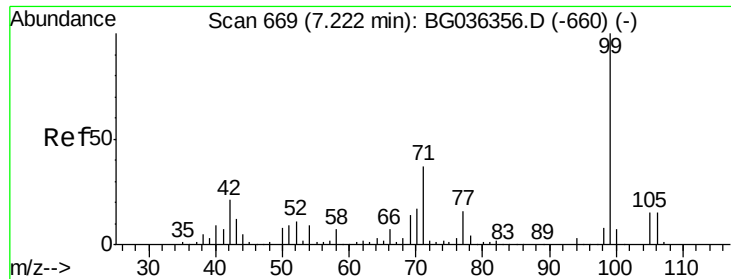
Tgt Ion:152 Resp: 46872
 Ion Ratio Lower Upper
 152 100
 150 138.7 119.5 179.3
 115 55.9 44.5 66.7



#5
 2-Fluorophenol
 Concen: 42.169 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Tgt Ion:112 Resp: 124600
 Ion Ratio Lower Upper
 112 100
 64 70.0 57.2 85.8
 63 37.4 30.8 46.2





#7

Phenol-d6

Concen: 25.328 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036374.D

Acq: 23 Aug 2018 11:33

Instrument :

BNA_G

ClientSampleId :

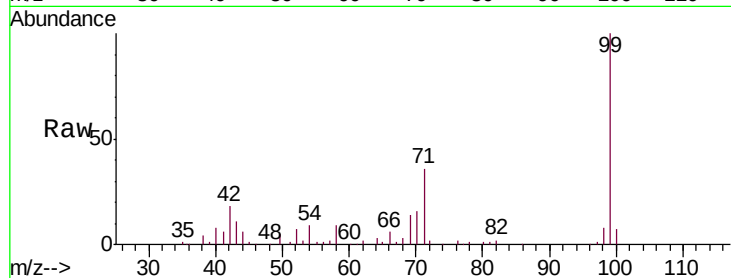
Tgt Ion: 99 Resp: 107150

Ion Ratio Lower Upper

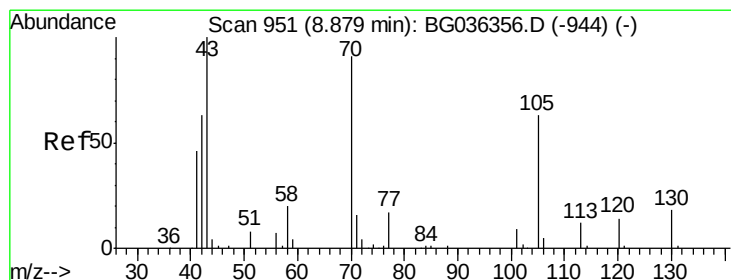
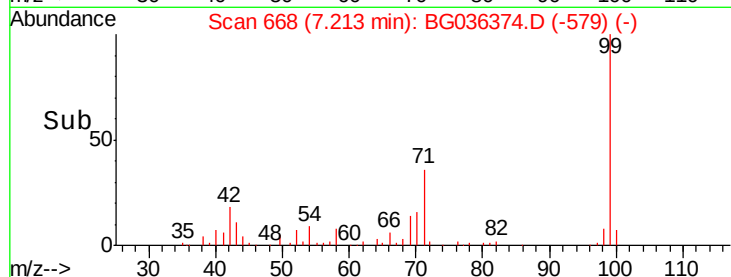
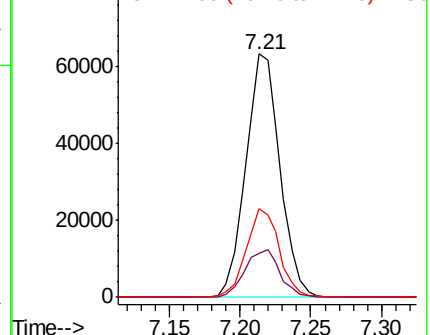
99 100

42 17.9 16.5 24.7

71 36.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.376 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036374.D

Acq: 23 Aug 2018 11:33

Tgt Ion: 70 Resp: 48616

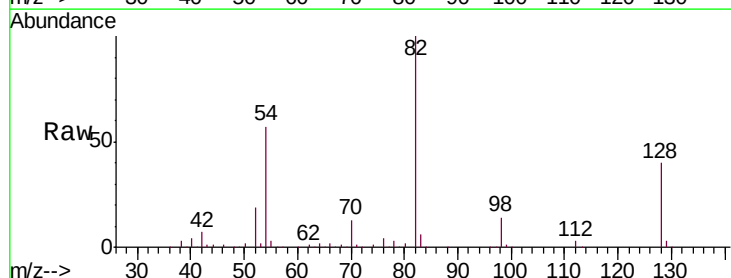
Ion Ratio Lower Upper

70 100

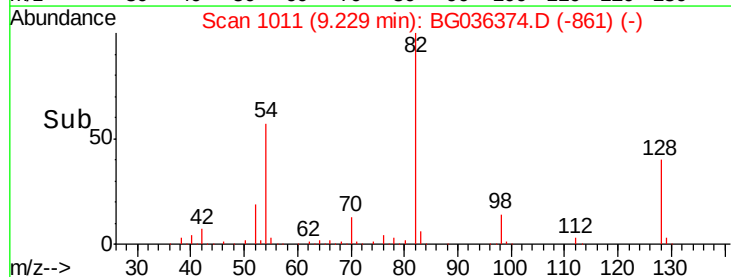
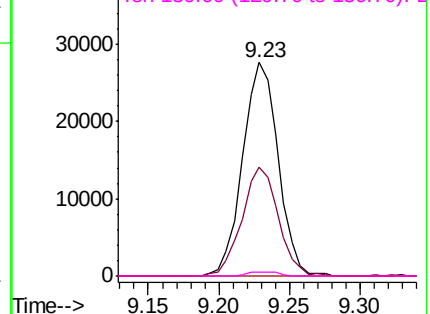
42 51.2 56.2 84.4#

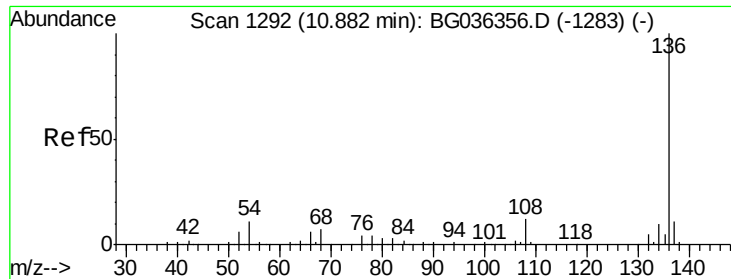
101 0.0 7.8 11.6#

130 1.8 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

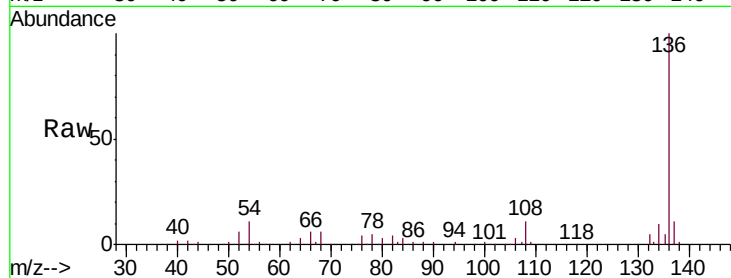




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036374.D
Acq: 23 Aug 2018 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	187139
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.0	9.2	13.8
68	6.3	5.8	8.6



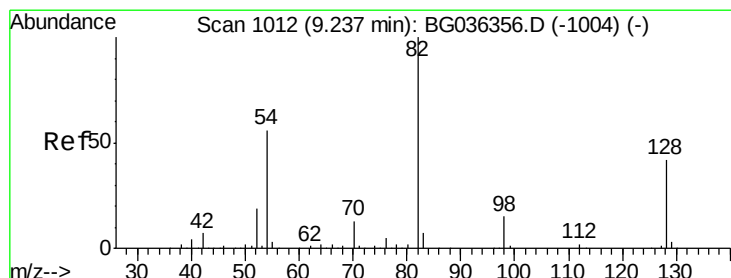
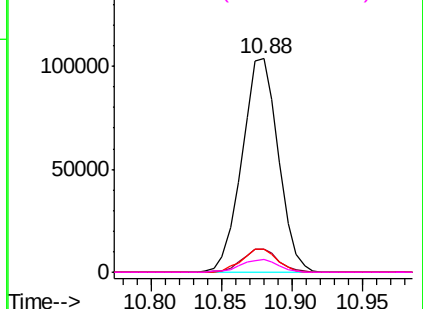
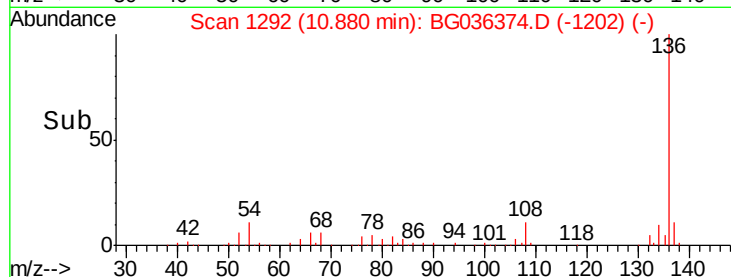
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

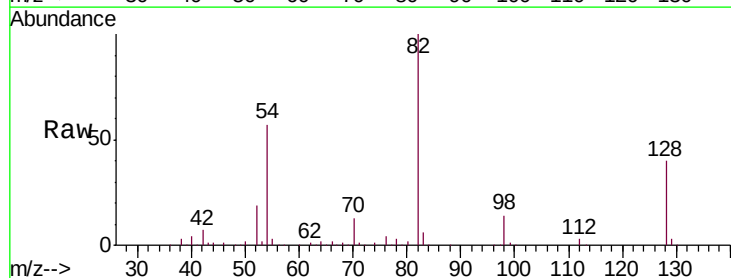
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 107.392 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036374.D
Acq: 23 Aug 2018 11:33

Tgt Ion:	82	Resp:	370411
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	56.8	45.1	67.7

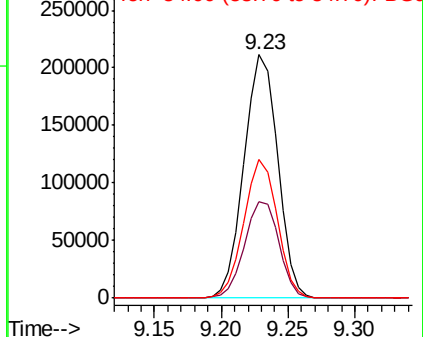
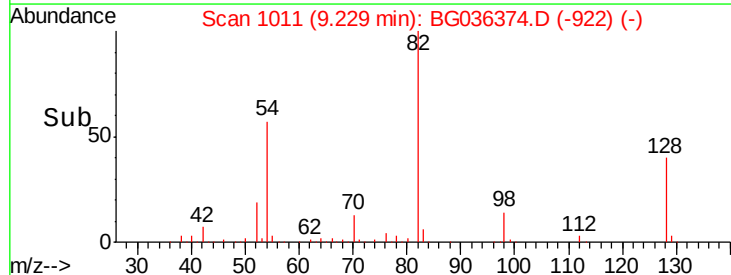


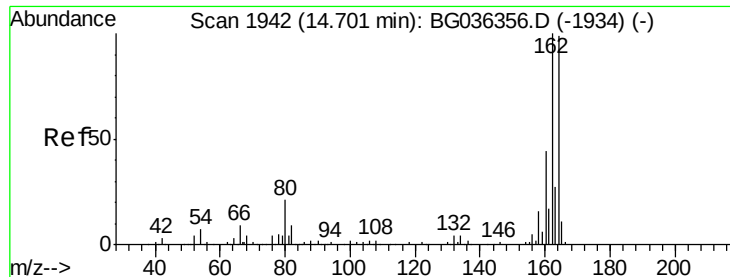
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

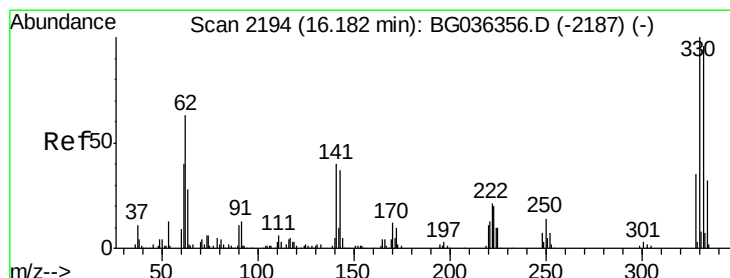
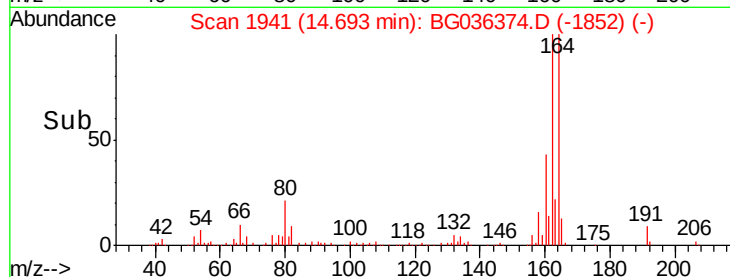
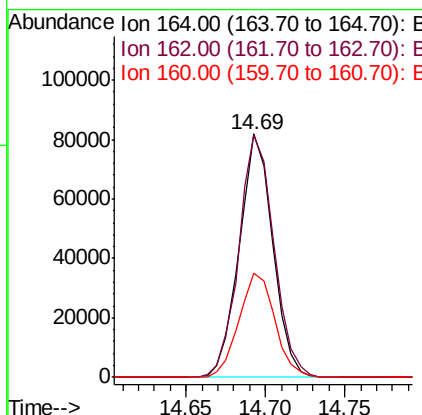
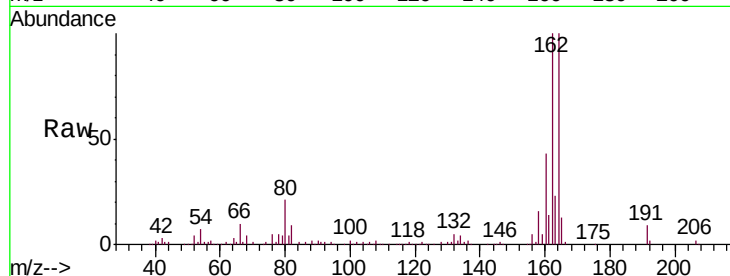




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

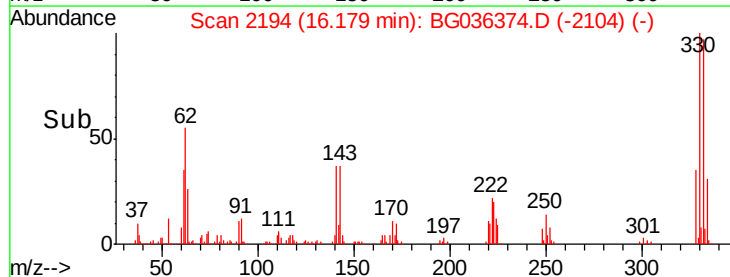
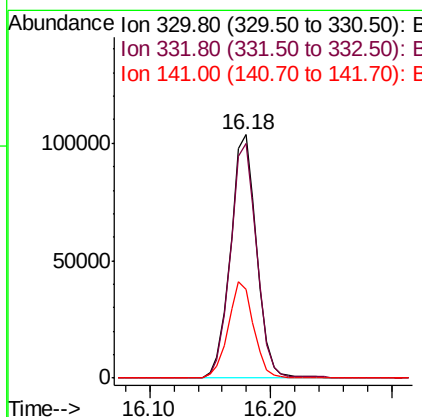
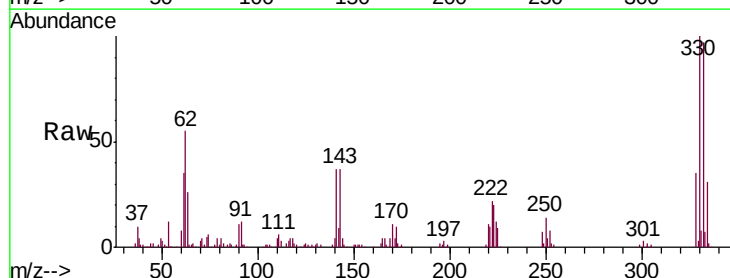
Instrument :
 BNA_G
 ClientSampled :

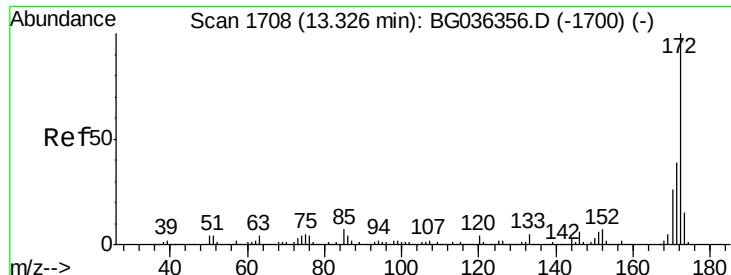
Tgt Ion:164 Resp: 120119
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.7 121.1
 160 43.0 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 108.763 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Tgt Ion:330 Resp: 155889
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.2
 141 38.7 30.7 46.1

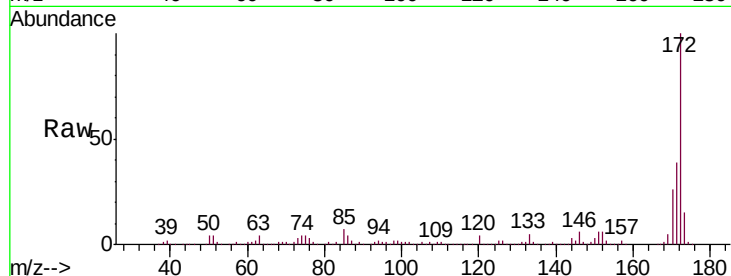




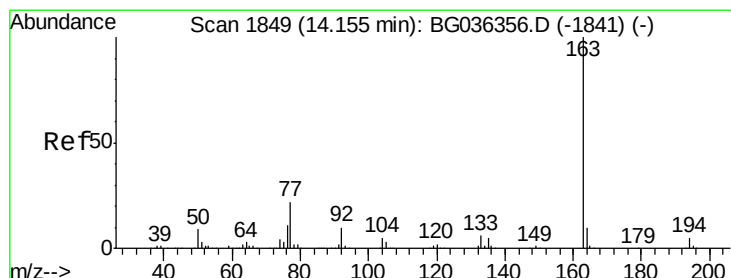
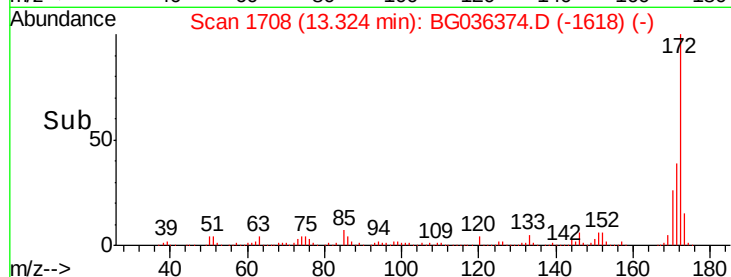
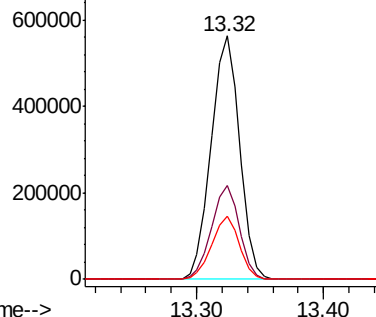
#44
 2-Fluorobiphenyl
 Concen: 104.158 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	26.1	21.0	31.6

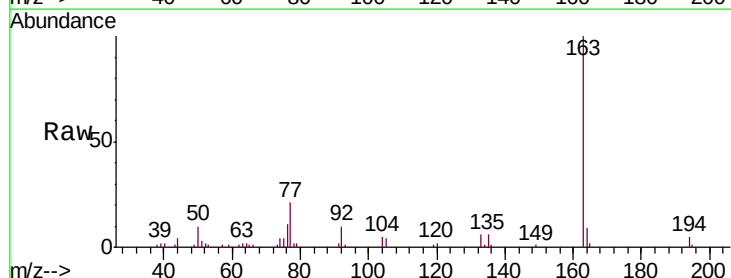


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

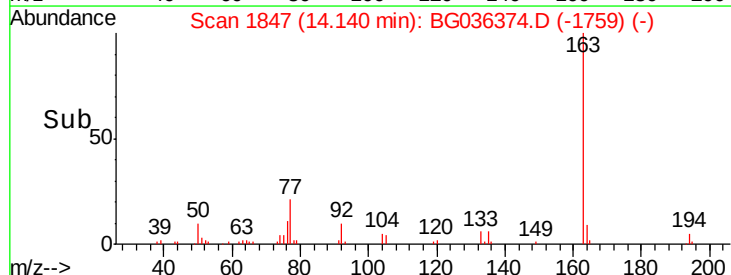
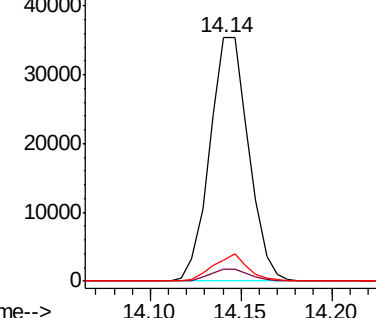


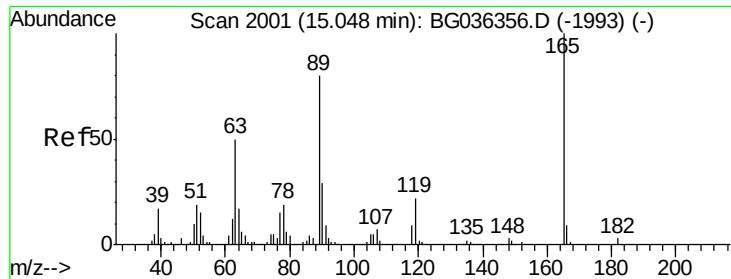
#49
 Dimethylphthalate
 Concen: 5.349 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.0	6.0
164	8.8	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

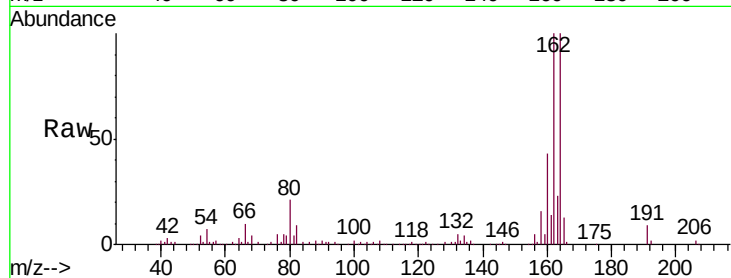




#56
 2,4-Dinitrotoluene
 Concen: 6.006 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.35 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#

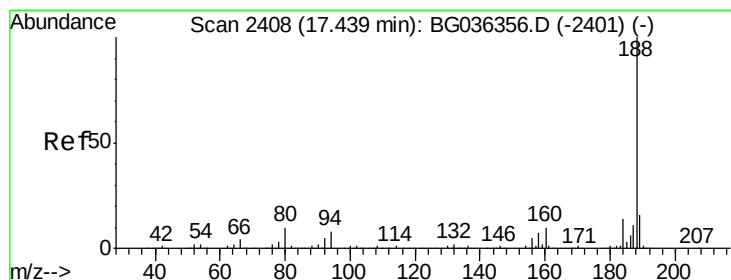
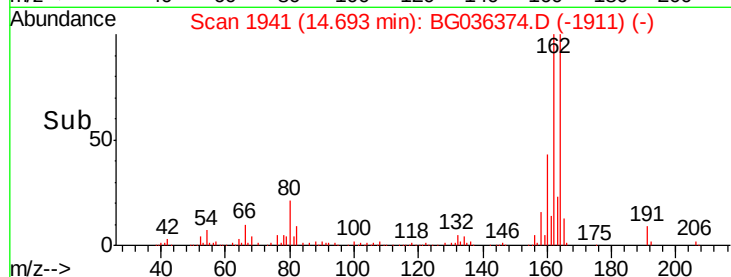
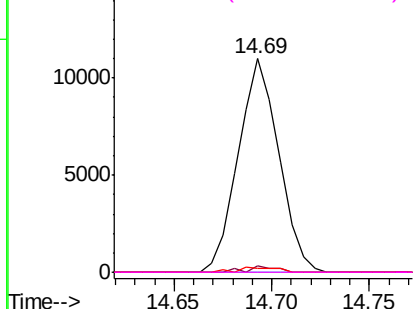


Abundance Ion 165.00 (164.70 to 165.70): E

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



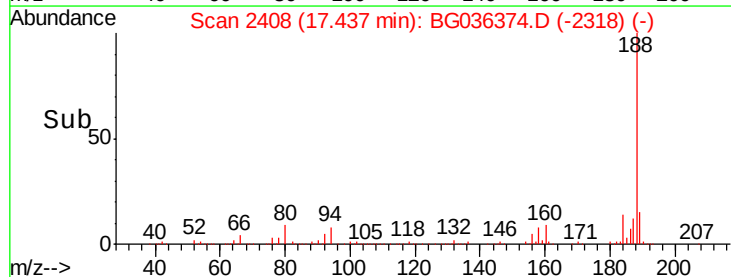
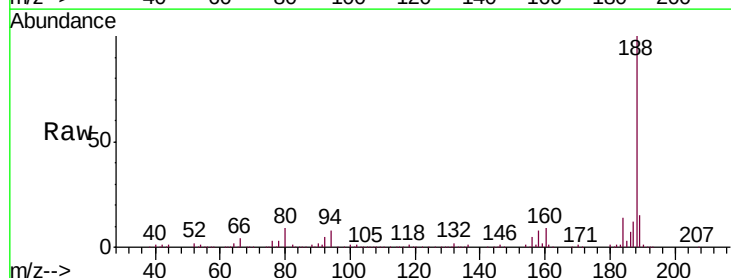
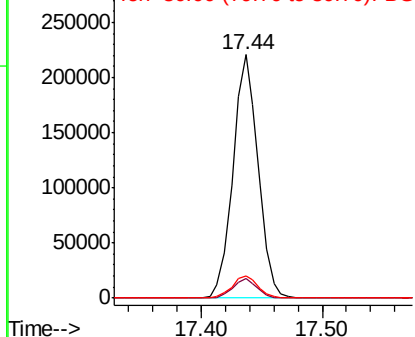
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

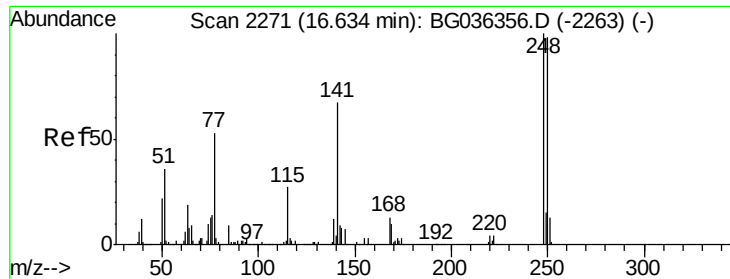
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.2	8.1	12.1

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

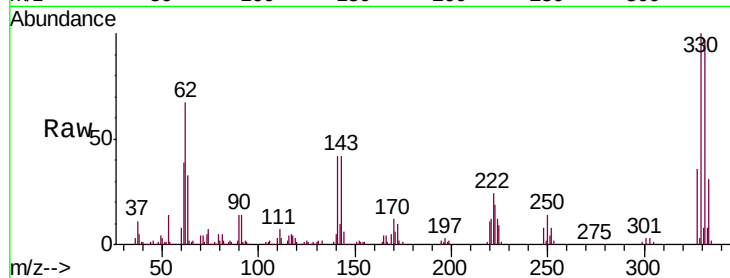




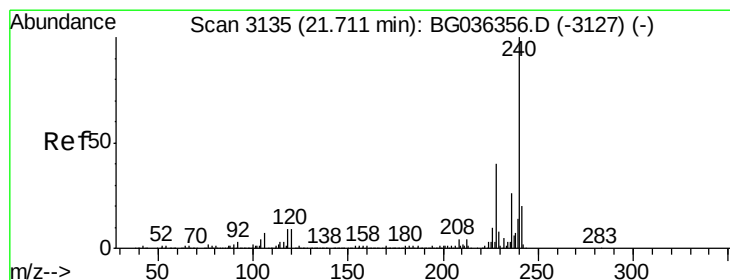
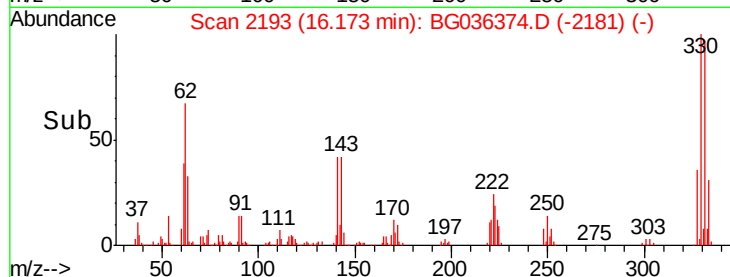
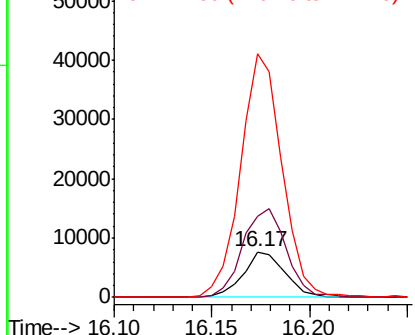
#66
 4-Bromophenyl-phenylether
 Concen: 3.032 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:248 Resp: 11295
 Ion Ratio Lower Upper
 248 100
 250 176.3 78.1 117.1#
 141 533.5 53.7 80.5#

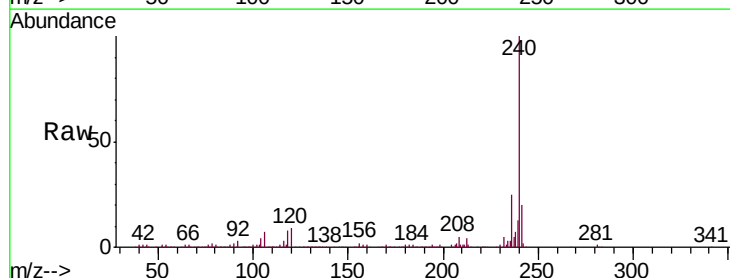


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

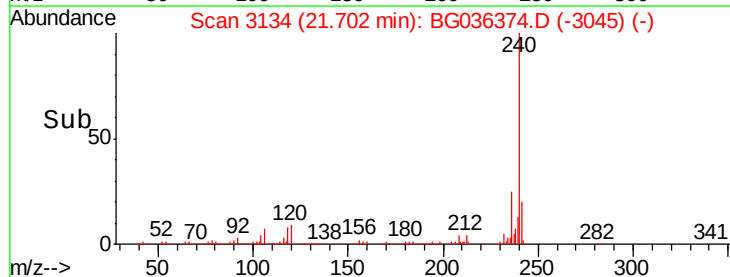
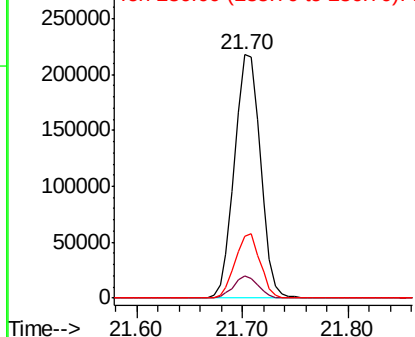


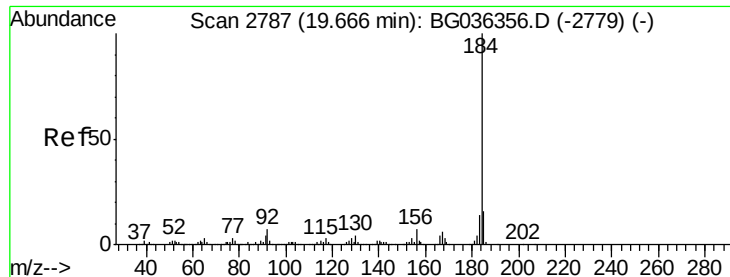
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG036374.D
 Acq: 23 Aug 2018 11:33

Tgt Ion:240 Resp: 369537
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.9 10.3
 236 25.5 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

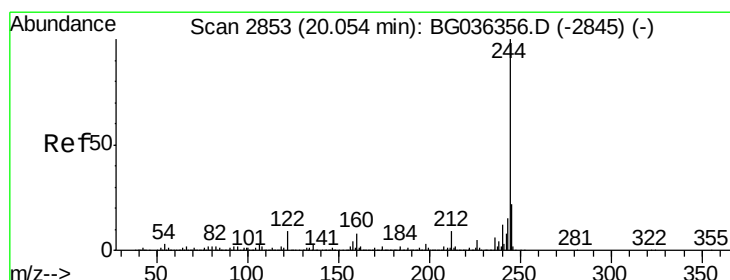
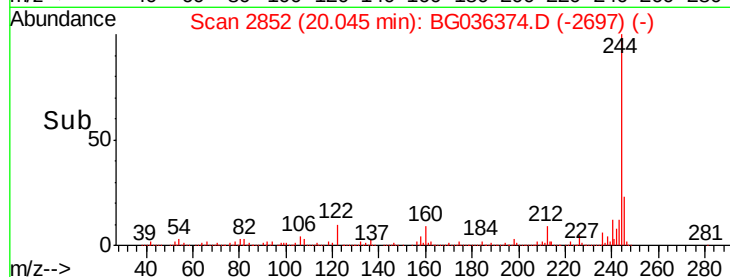
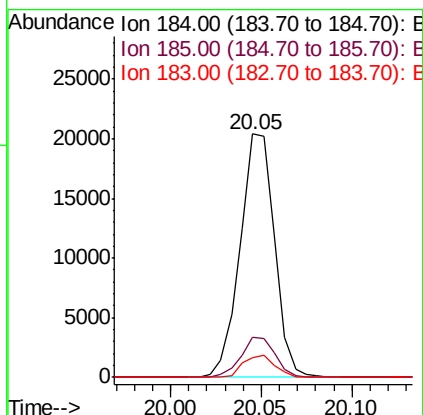
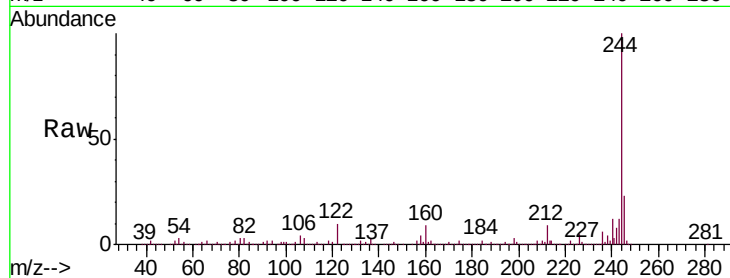




#76
Benzidine
Concen: 2.287 ng
RT: 20.05 min Scan# 2852
Delta R.T. 0.38 min
Lab File: BG036374.D
Acq: 23 Aug 2018 11:33

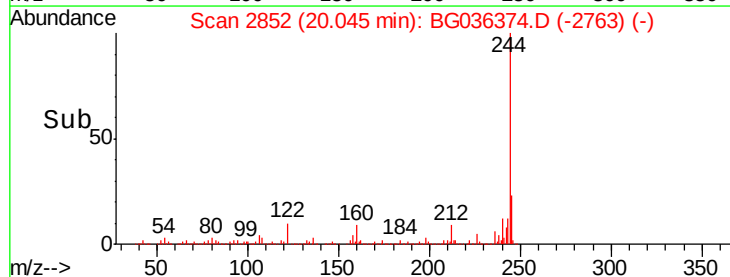
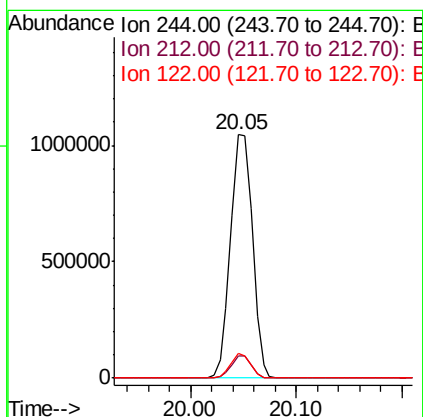
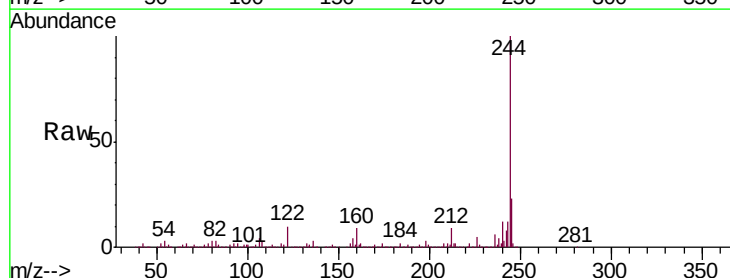
Instrument :
BNA_G
ClientSampleId :

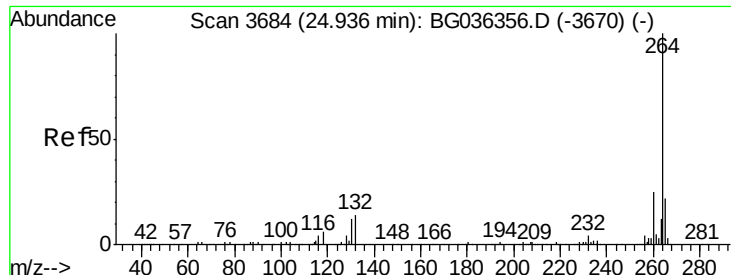
Tgt Ion:184 Resp: 26960
Ion Ratio Lower Upper
184 100
185 16.5 12.6 18.8
183 7.9 10.9 16.3#



#78
Terphenyl-d14
Concen: 94.926 ng
RT: 20.05 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG036374.D
Acq: 23 Aug 2018 11:33

Tgt Ion:244 Resp: 1500787
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.6
122 10.2 7.1 10.7

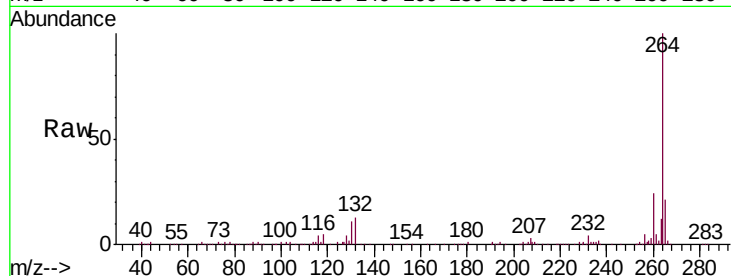




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG036374.D
Acq: 23 Aug 2018 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	264	Resp:	375042
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.1	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

