

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036629.D
 Acq On : 10 Sep 2018 17:44
 Operator : JU/SJ
 Sample : J4830-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:54:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

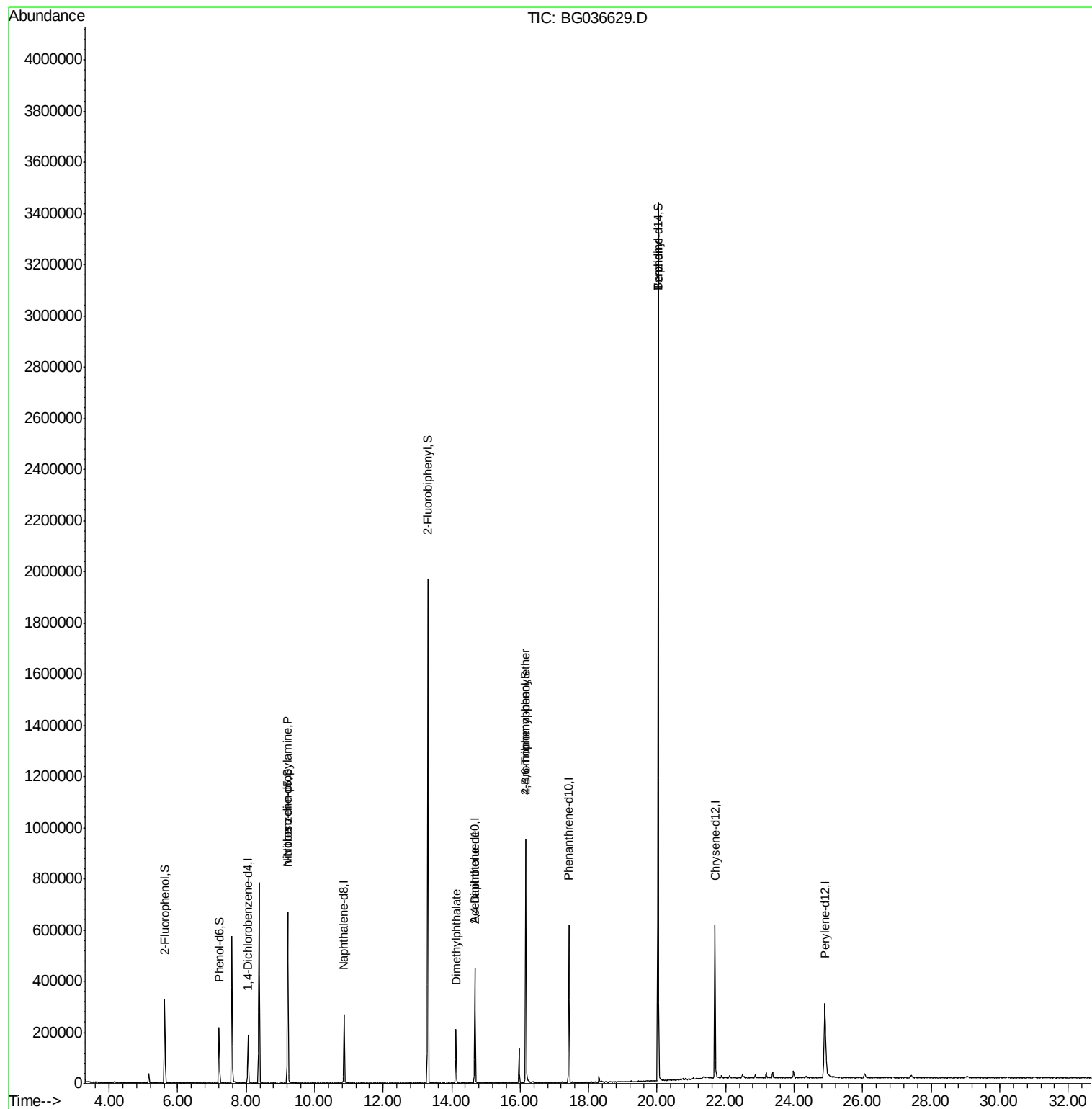
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54081	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	225204	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	150546	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	387511	20.00	ng	0.00
75) Chrysene-d12	21.69	240	402516	20.00	ng	0.00
86) Perylene-d12	24.89	264	370327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	138453	40.61	ng	0.00
7) Phenol-d6	7.20	99	127863	26.19	ng	-0.01
23) Nitrobenzene-d5	9.21	82	407551	98.19	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	174919	97.37	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1001447	94.98	ng	0.00
78) Terphenyl-d14	20.03	244	1592311	92.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	54621	14.973	ng	Qvalue # 73
49) Dimethylphthalate	14.12	163	137099	11.153	ng	99
56) 2,4-Dinitrotoluene	14.68	165	19721	5.982	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	11598	2.556	ng	# 1
76) Benzidine	20.03	184	28206	2.196	ng	# 93

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

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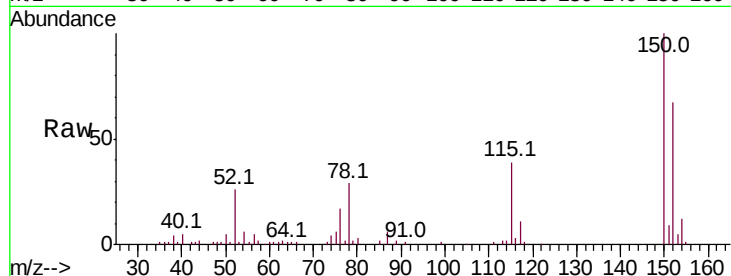


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	119.5	179.3
115	57.7	44.5	66.7

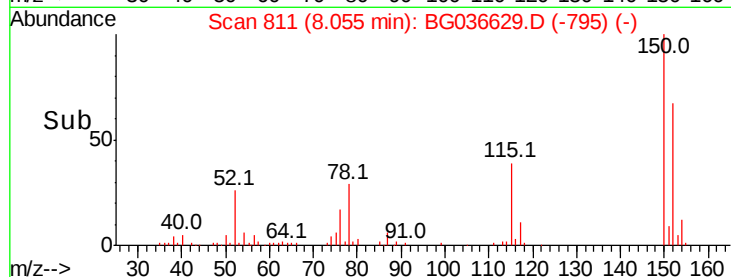
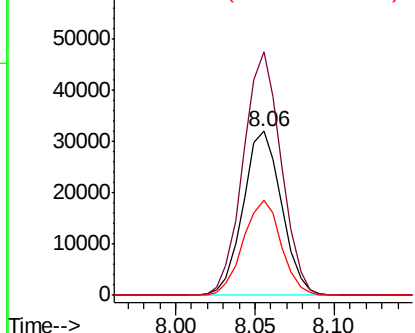


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

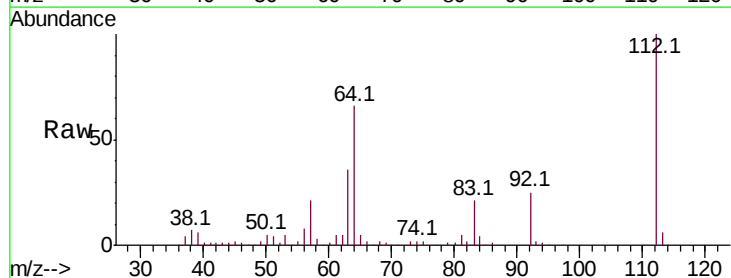
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.611 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	57.2	85.8
63	35.6	30.8	46.2

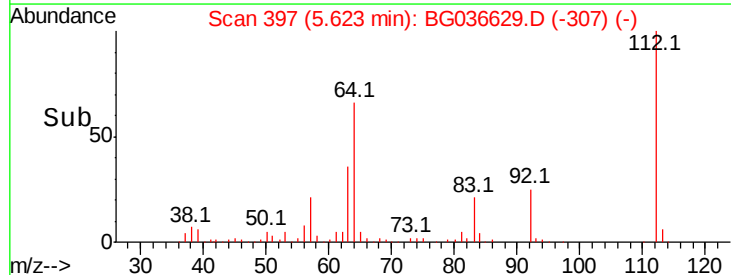
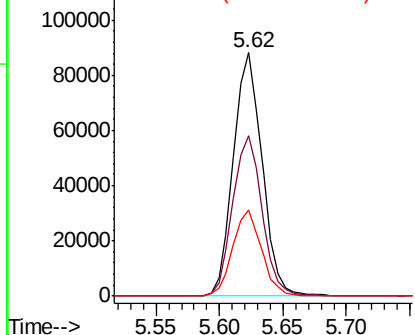


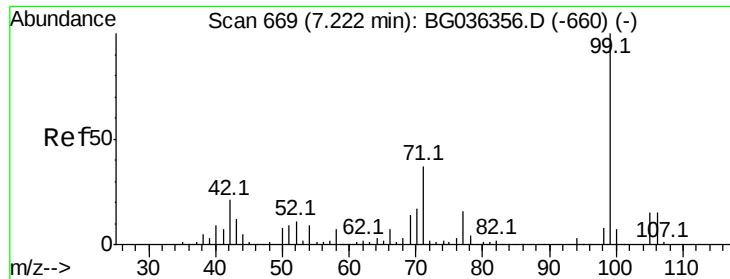
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 26.195 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036629.D

Acq: 10 Sep 2018 17:44

Instrument :

BNA_G

ClientSampled :

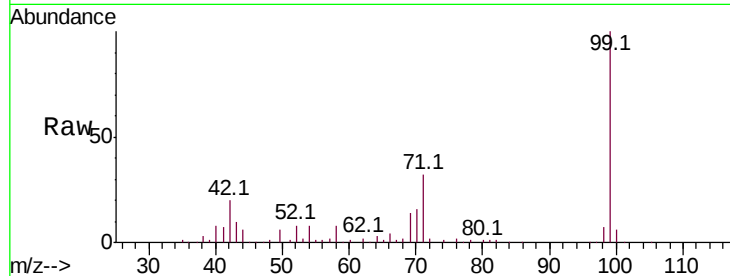
Tot Ion: 99 Resp: 127863

Ion Ratio Lower Upper

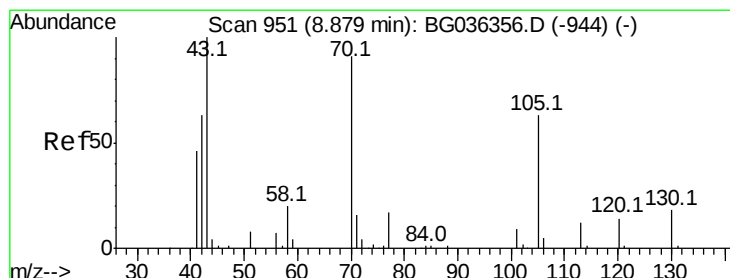
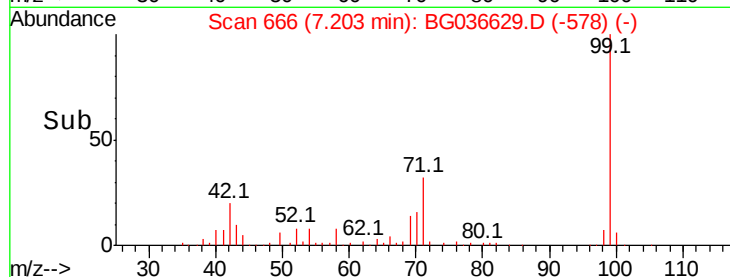
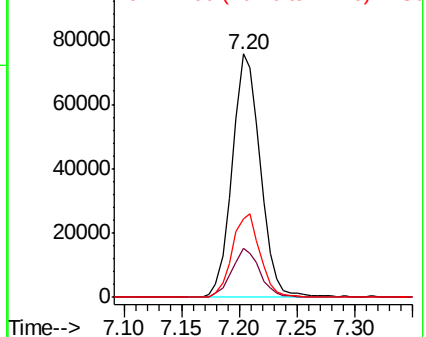
99 100

42 19.9 16.5 24.7

71 32.0 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: 14.973 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036629.D

Acq: 10 Sep 2018 17:44

Tgt Ion: 70 Resp: 54621

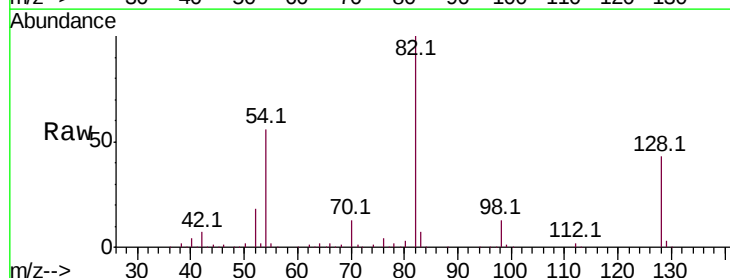
Ion Ratio Lower Upper

70 100

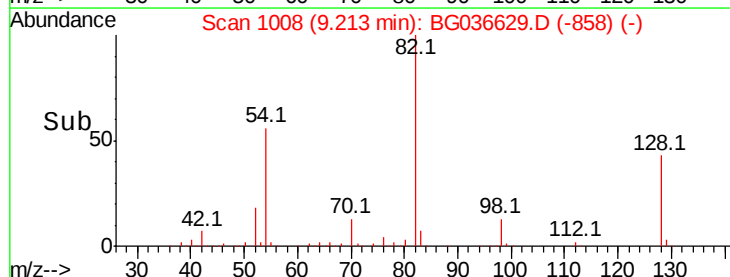
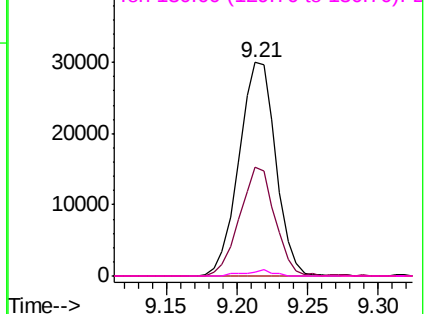
42 50.8 56.2 84.4#

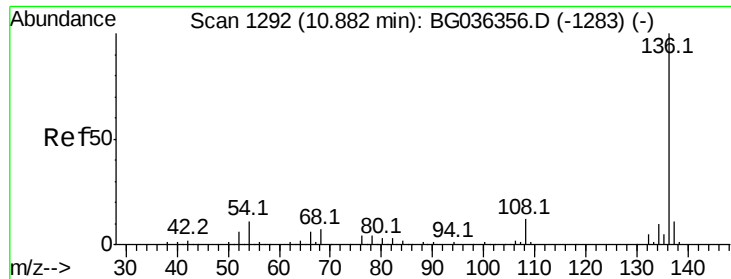
101 0.0 7.8 11.6#

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

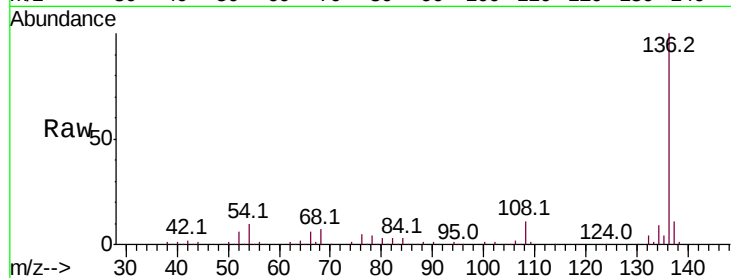




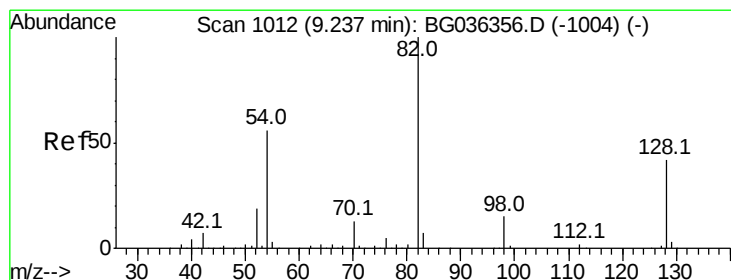
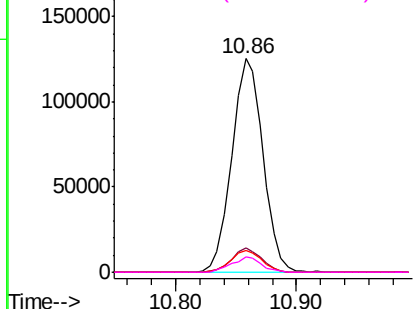
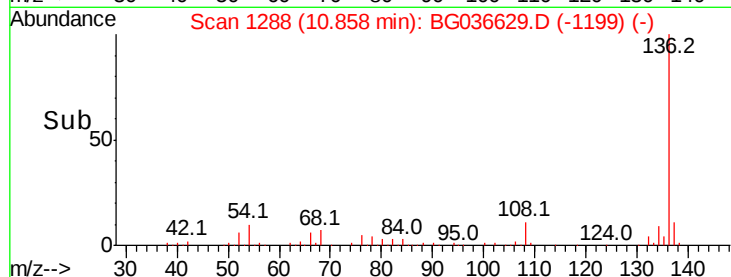
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	225204
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.0	9.2	13.8
68	7.1	5.8	8.6

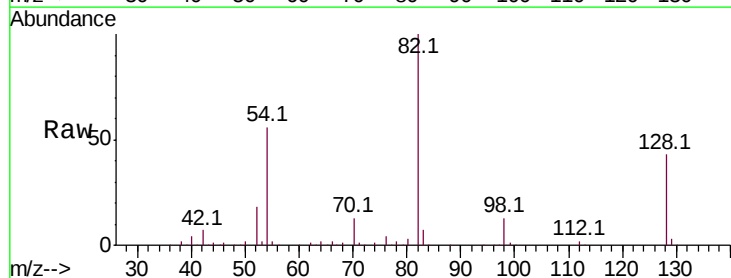


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

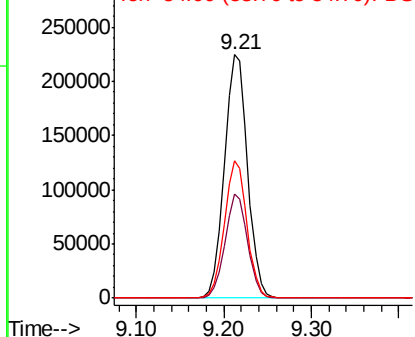
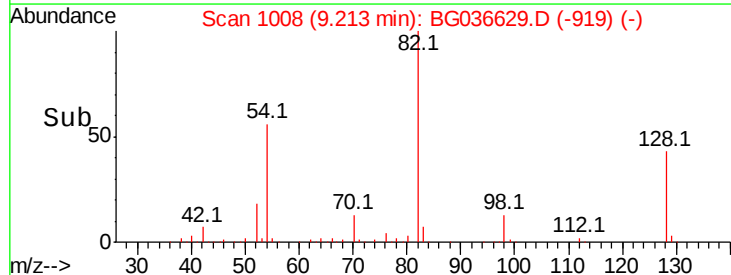


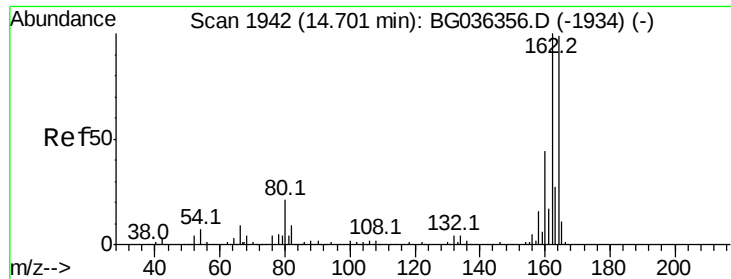
#23
Nitrobenzene-d5
Concen: 98.188 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Tgt Ion:	82	Resp:	407551
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	56.5	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

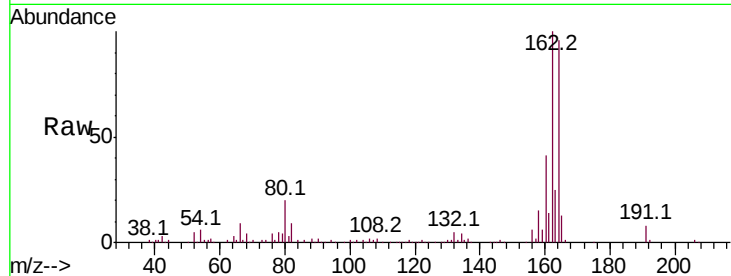




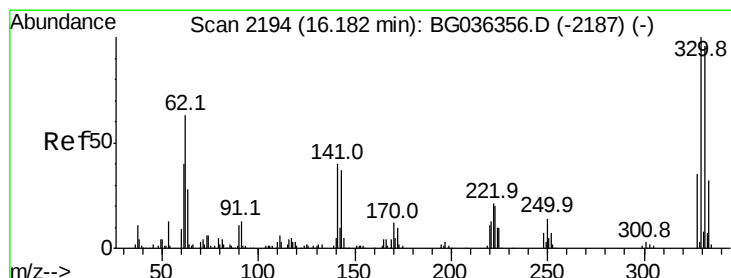
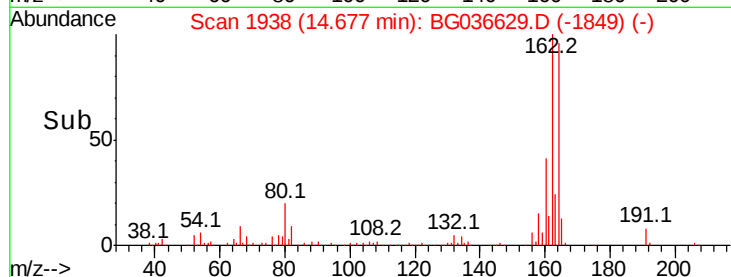
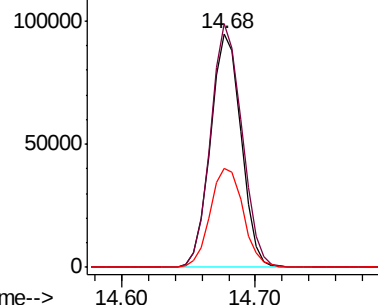
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036629.D
 Acq: 10 Sep 2018 17:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 150546
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.7 121.1
 160 42.6 35.3 52.9

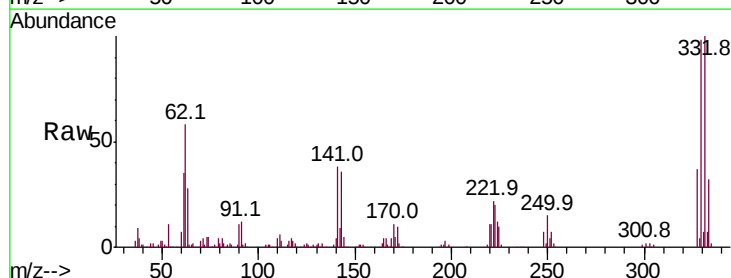


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

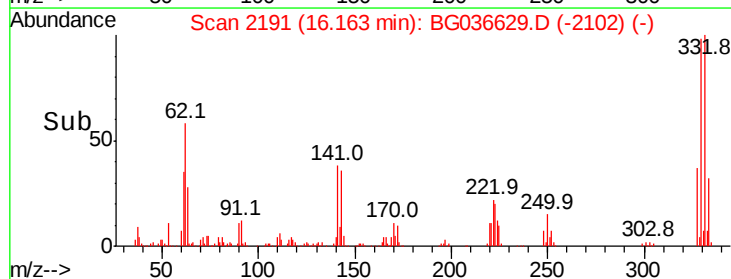
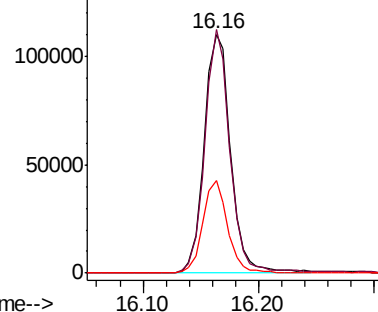


#41
 2,4,6-Tribromophenol
 Concen: 97.375 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036629.D
 Acq: 10 Sep 2018 17:44

Tgt Ion:330 Resp: 174919
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.2
 141 36.5 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

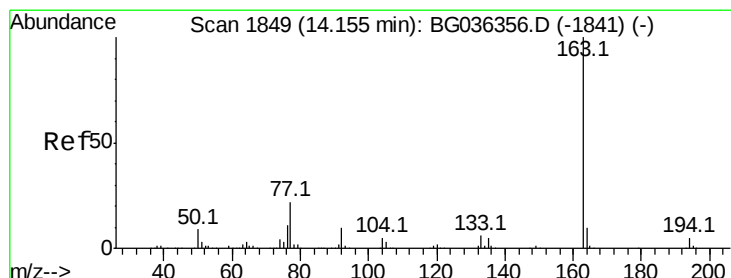
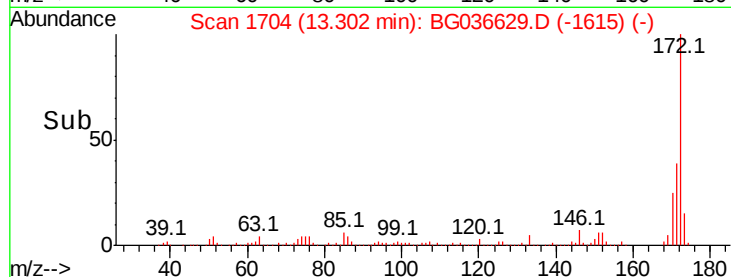
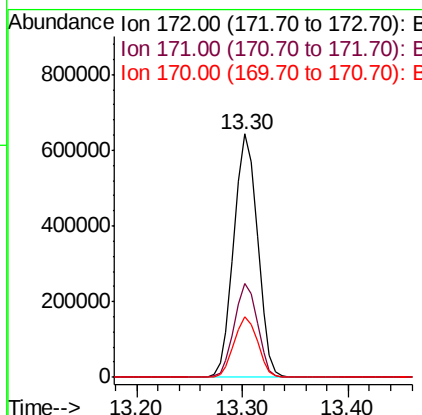
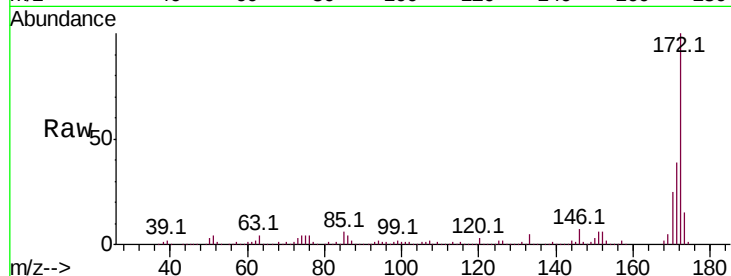




#44
2-Fluorobiphenyl
Concen: 94.980 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

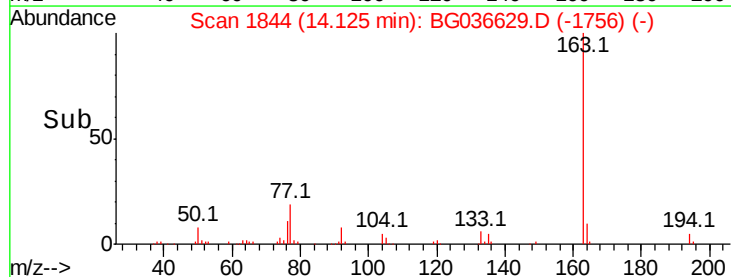
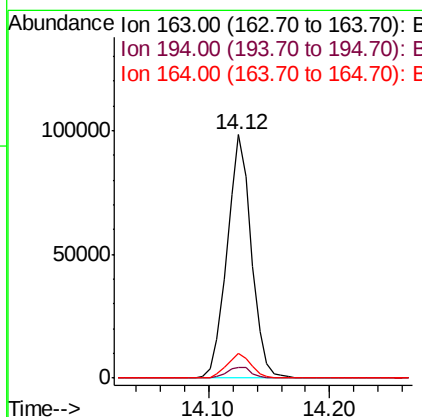
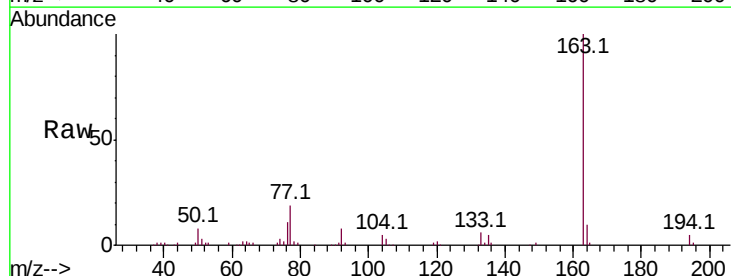
Instrument :
BNA_G
ClientSampleId :

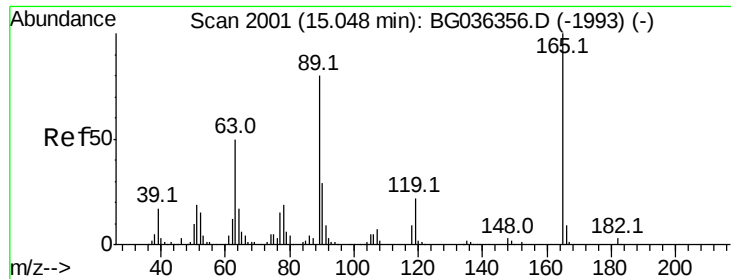
Tot Ion:172 Resp: 1001447
Ion Ratio Lower Upper
172 100
171 38.6 31.3 46.9
170 24.9 21.0 31.6



#49
Dimethylphthalate
Concen: 11.153 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Tgt Ion:163 Resp: 137099
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.1 8.1 12.1

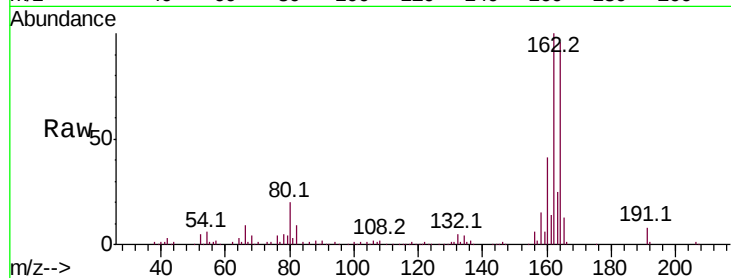




#56
 2,4-Dinitrotoluene
 Concen: 5.982 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036629.D
 Acq: 10 Sep 2018 17:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#



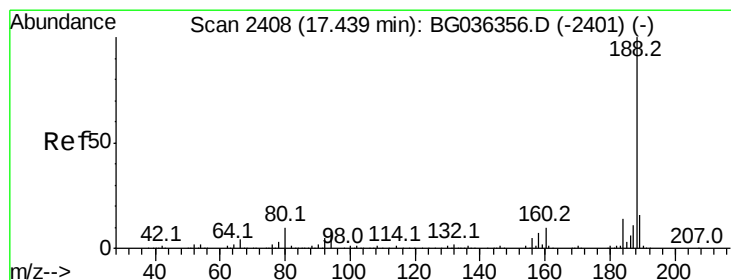
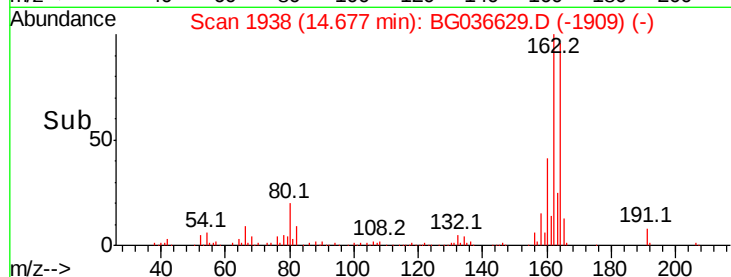
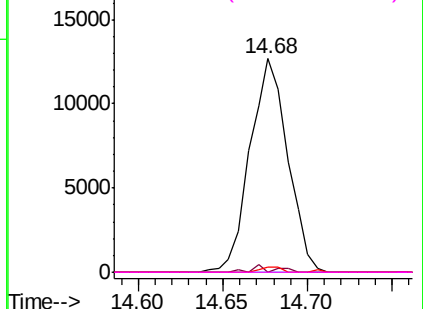
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

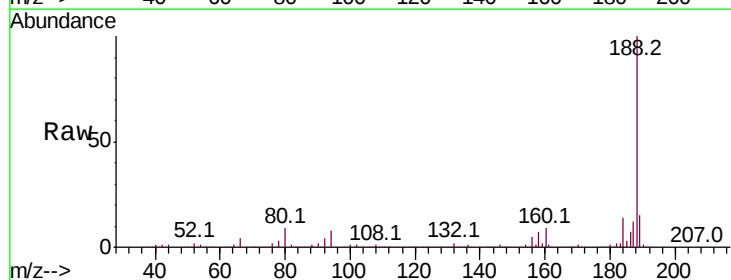
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036629.D
 Acq: 10 Sep 2018 17:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.8	8.1	12.1

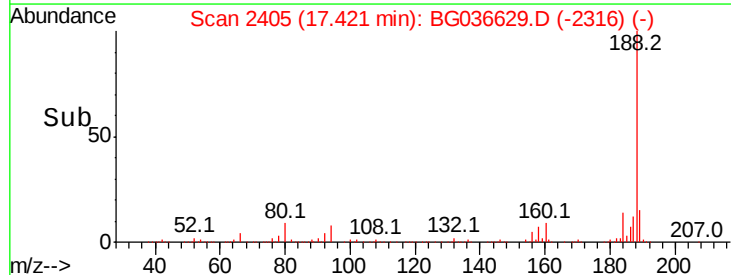
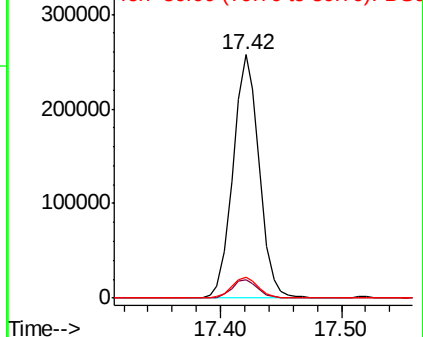


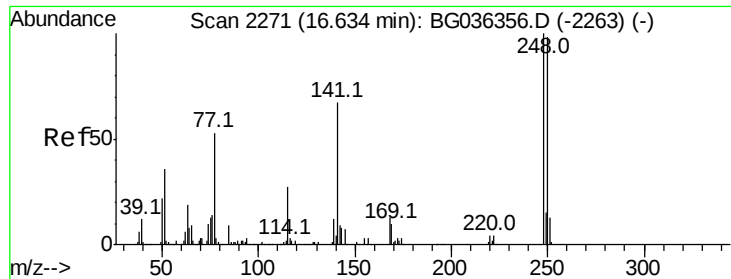
Abundance

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

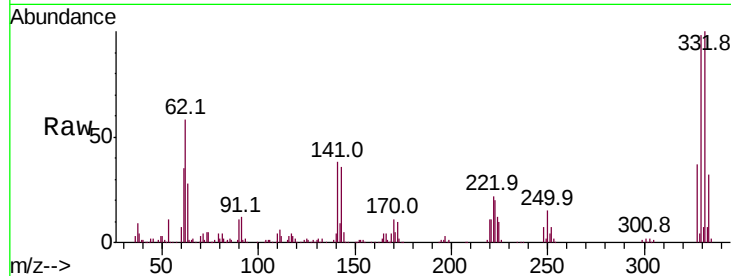




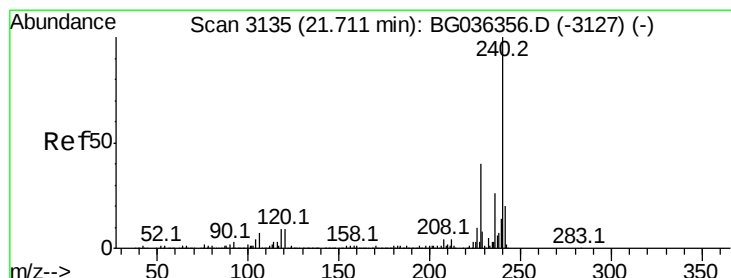
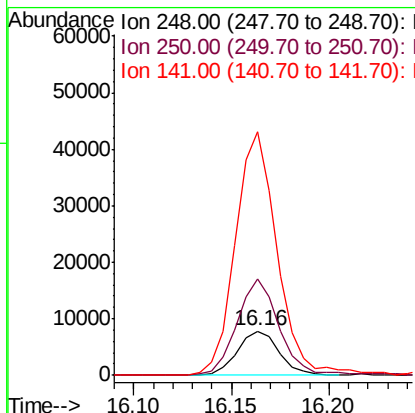
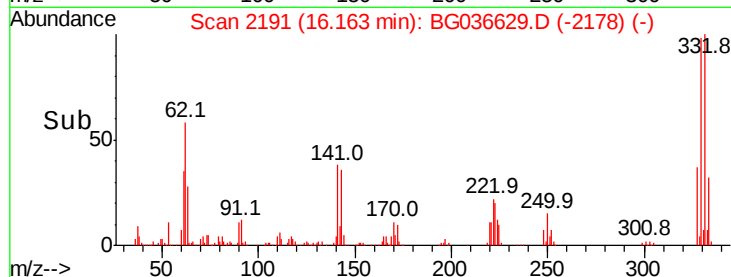
#66
4-Bromophenyl-phenylether
Concen: 2.556 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11598
Ion Ratio Lower Upper
248 100
250 218.5 78.1 117.1#
141 550.8 53.7 80.5#

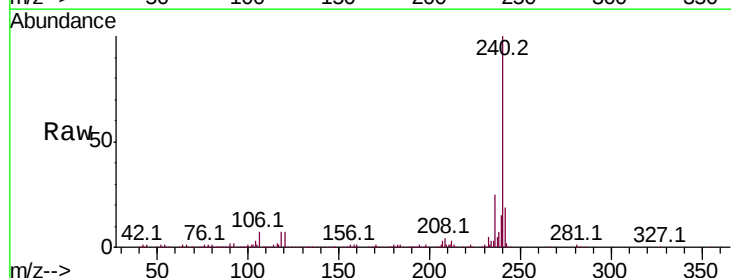


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

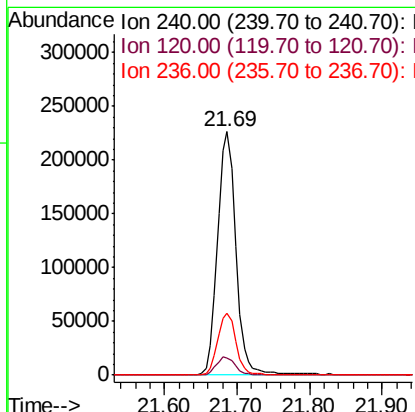
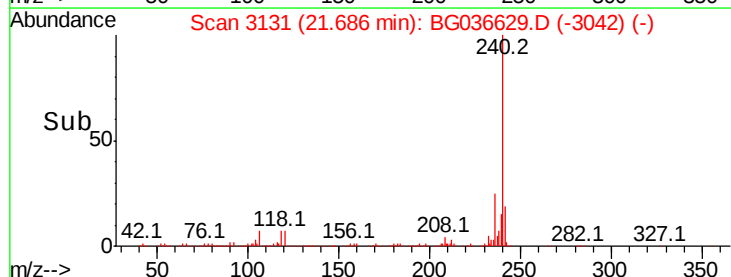


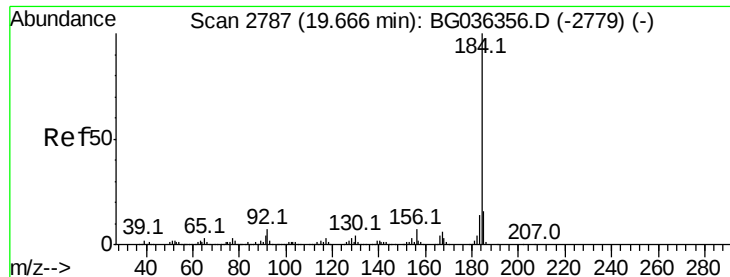
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Tgt Ion:240 Resp: 402516
Ion Ratio Lower Upper
240 100
120 6.9 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

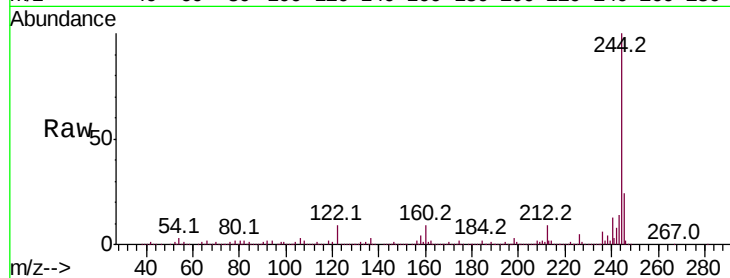




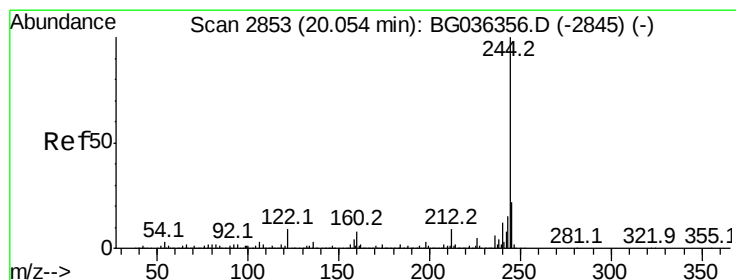
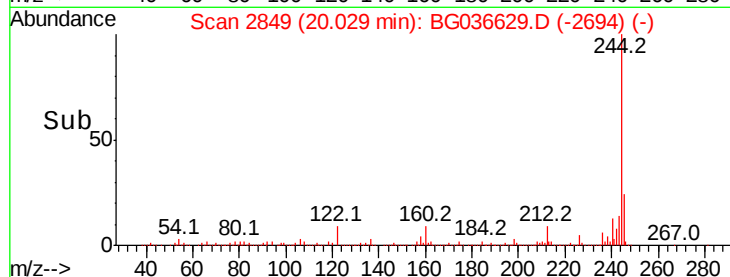
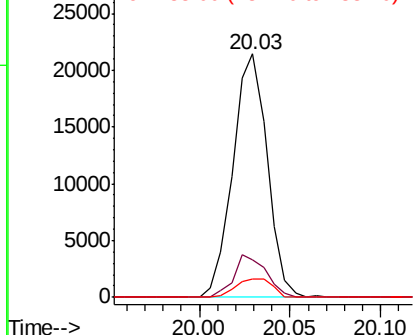
#76
Benzidine
Concen: 2.196 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 28206
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 7.8 10.9 16.3#

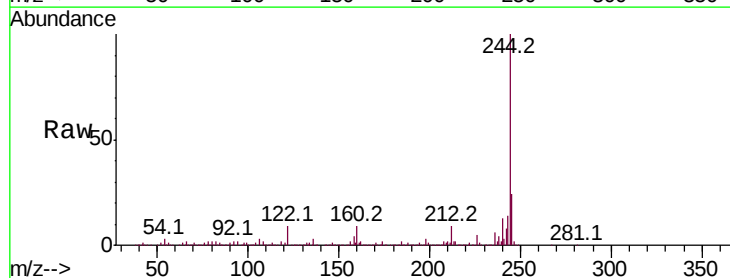


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

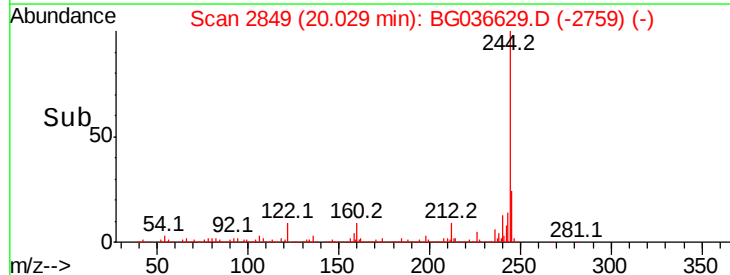
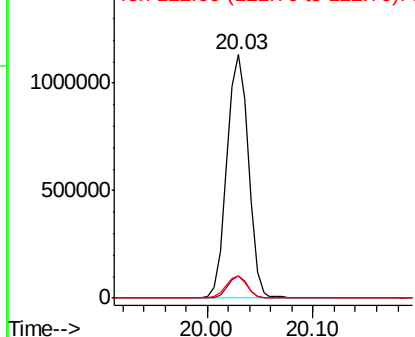


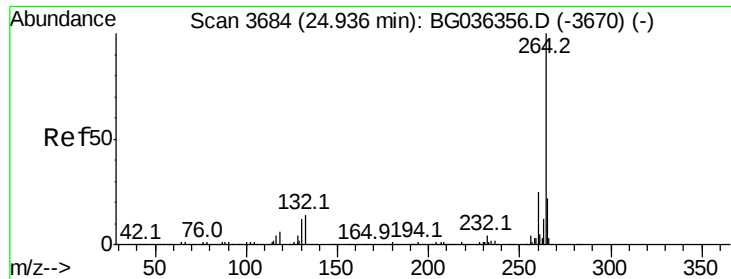
#78
Terphenyl-d14
Concen: 92.463 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Tgt Ion:244 Resp: 1592311
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 9.4 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

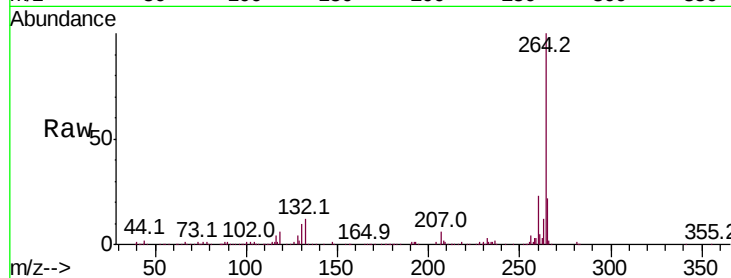




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036629.D
Acq: 10 Sep 2018 17:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.3	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

