

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036829.D
 Acq On : 19 Sep 2018 21:16
 Operator : JU/SJ
 Sample : J4973-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 07:07:11 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

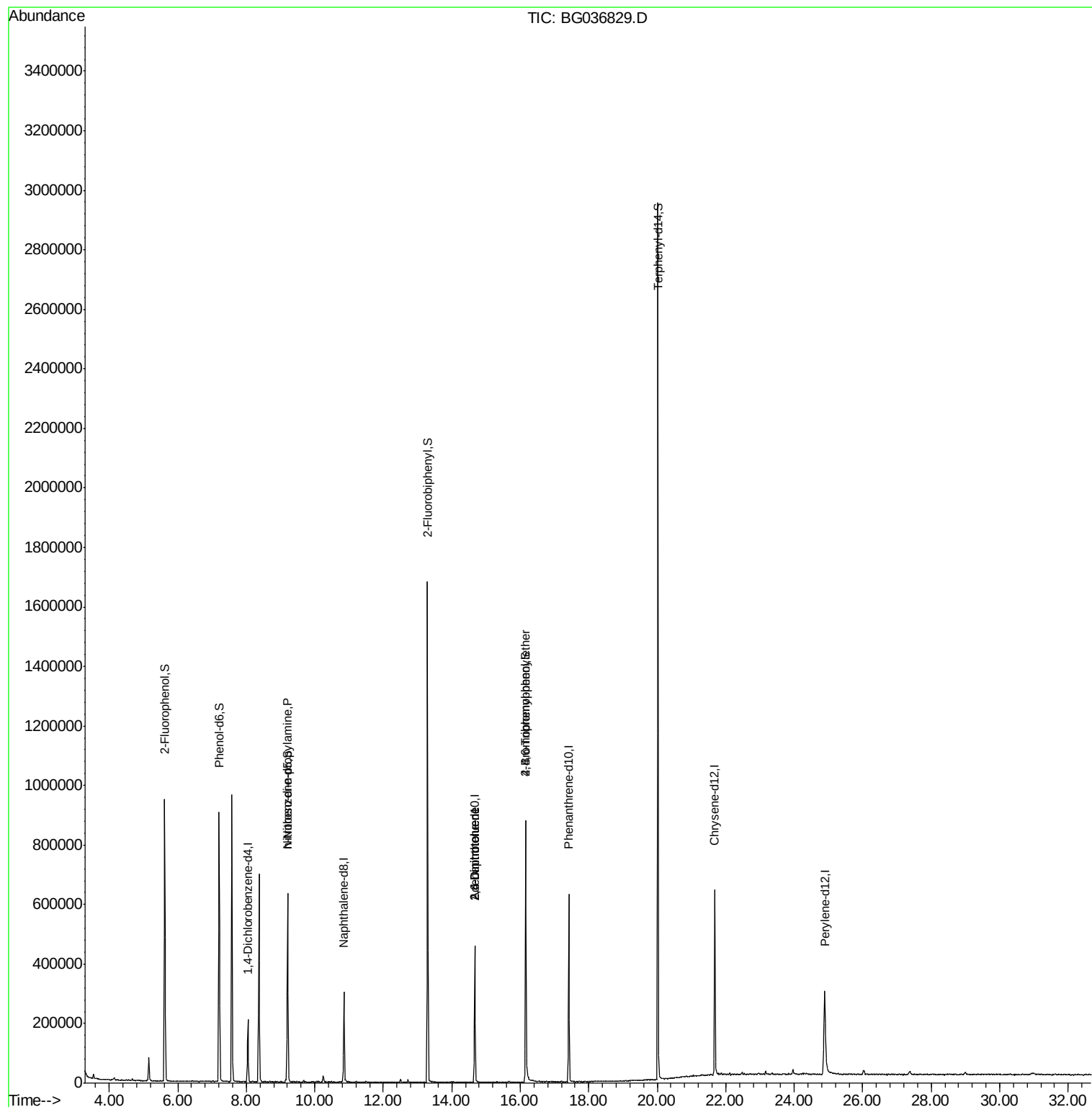
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60570	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	254471	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	168081	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	404675	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410145	20.00	ng	-0.02
86) Perylene-d12	24.89	264	380887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	390251	102.20	ng	0.00
7) Phenol-d6	7.21	99	509006	93.11	ng	-0.01
23) Nitrobenzene-d5	9.21	82	388060	82.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	184700	92.09	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	866570	73.61	ng	-0.02
78) Terphenyl-d14	20.02	244	1374739	78.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52521	12.855	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	21658	7.669	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	21658	5.884	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	12235	2.582	ng	# 1

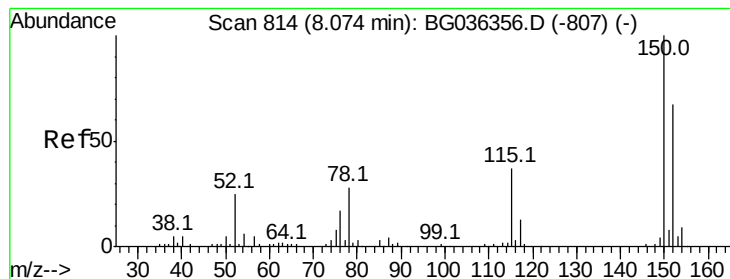
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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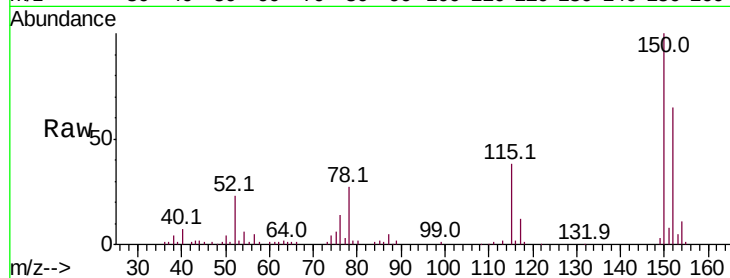


#1

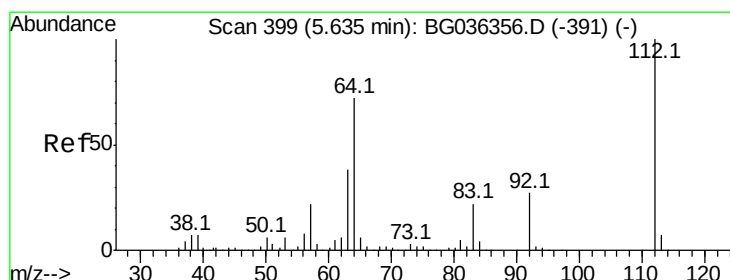
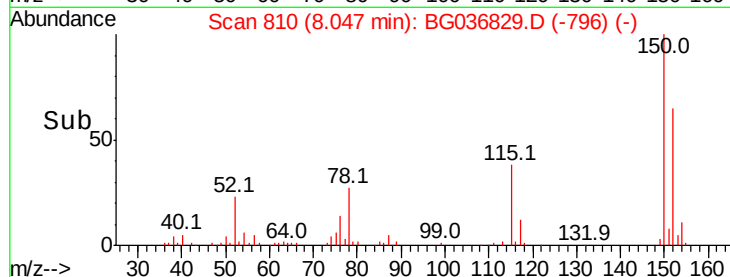
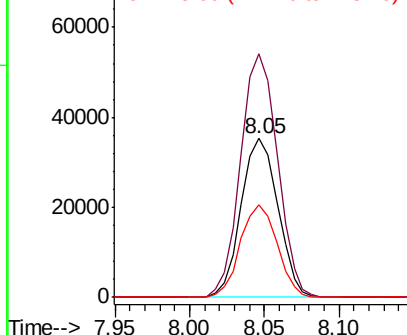
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60570
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 58.2 44.5 66.7



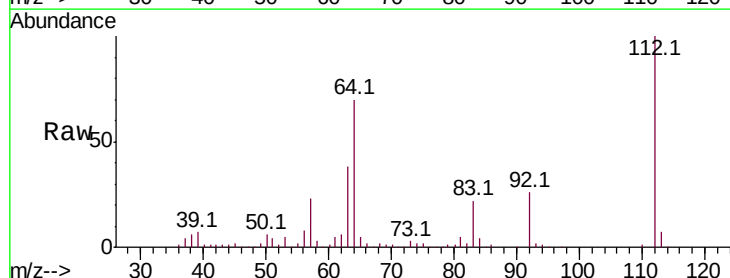
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



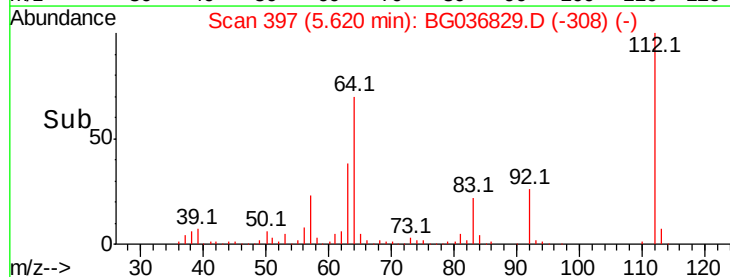
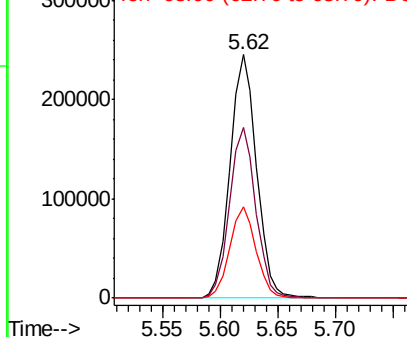
#5

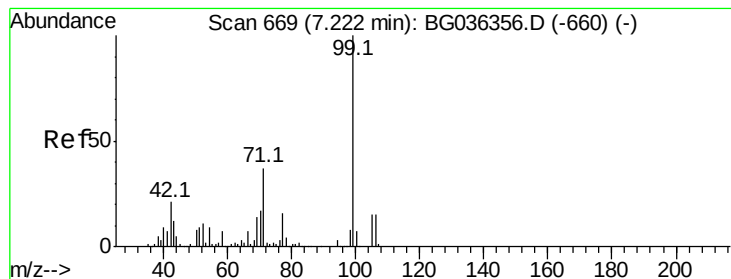
2-Fluorophenol
Concen: 102.205 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:112 Resp: 390251
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 37.7 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: 93.107 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

Instrument :

BNA_G

ClientSampleId :

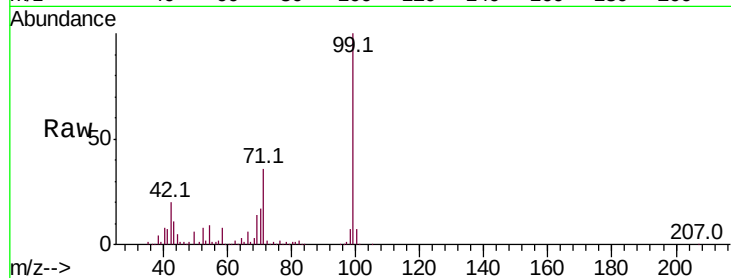
Tot Ion: 99 Resp: 509006

Ion Ratio Lower Upper

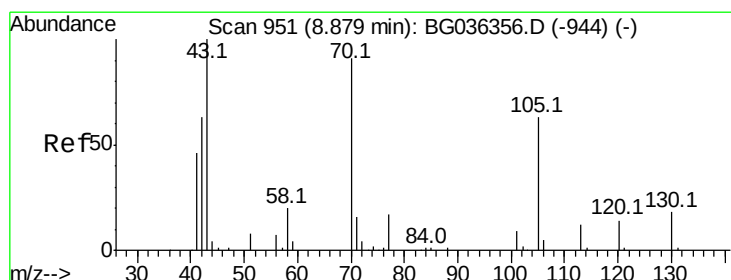
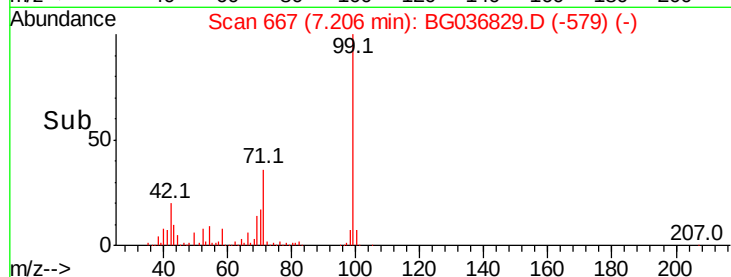
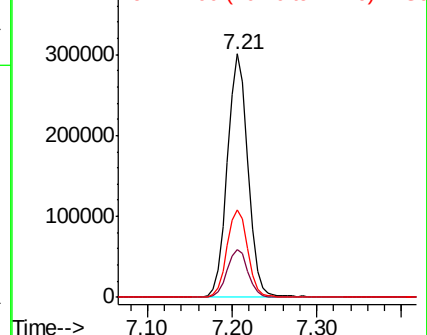
99 100

42 19.6 16.5 24.7

71 36.1 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: 12.855 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

Tgt Ion: 70 Resp: 52521

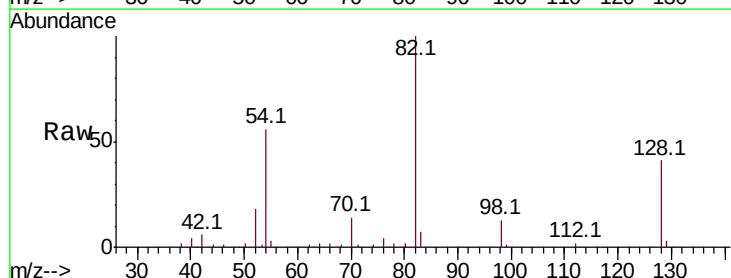
Ion Ratio Lower Upper

70 100

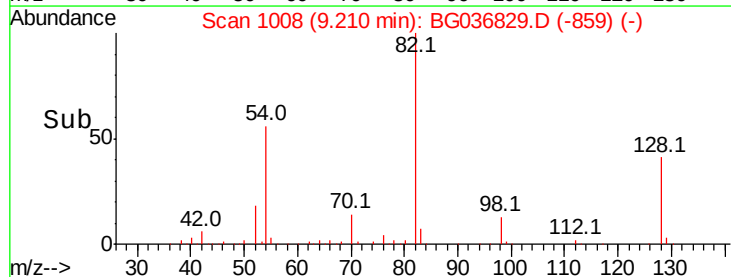
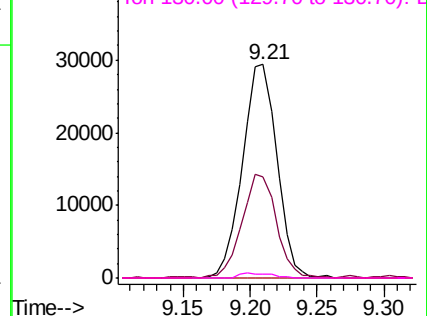
42 47.5 56.2 84.4#

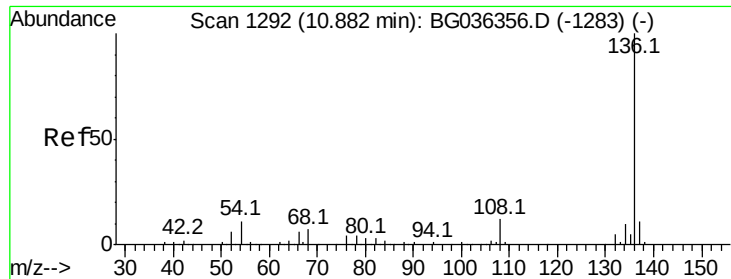
101 0.0 7.8 11.6#

130 2.0 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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 254471

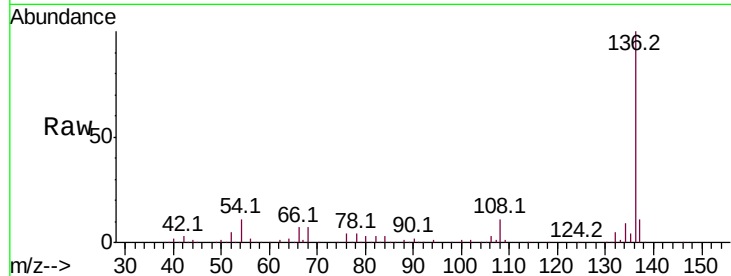
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.7 9.2 13.8

68 6.7 5.8 8.6

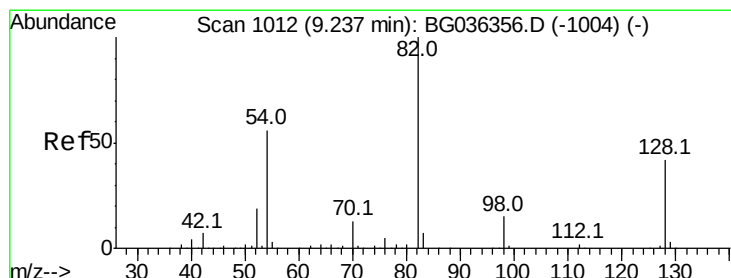
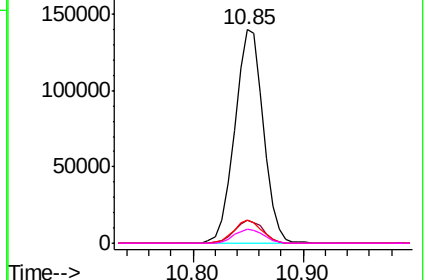
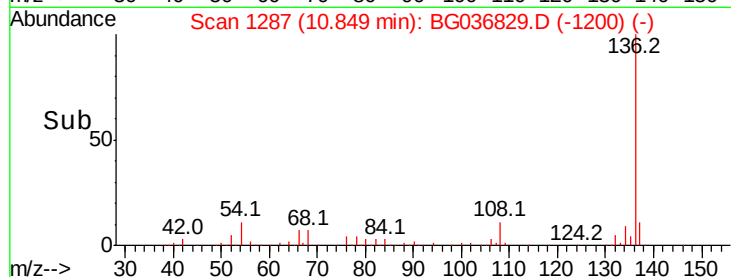


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.740 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

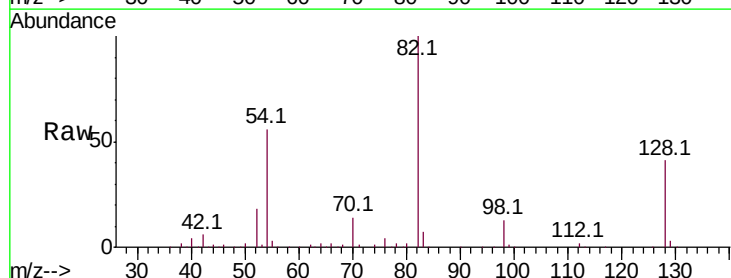
Tgt Ion: 82 Resp: 388060

Ion Ratio Lower Upper

82 100

128 40.8 33.3 49.9

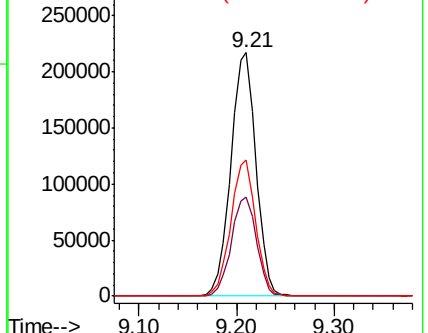
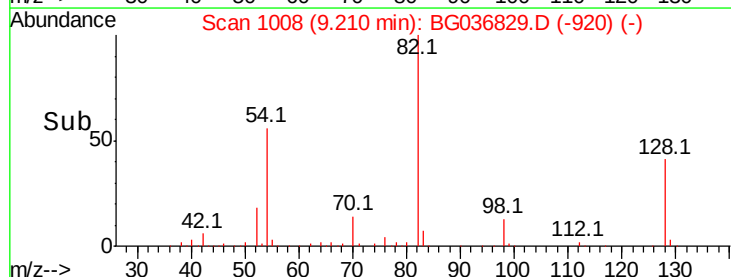
54 55.8 45.1 67.7

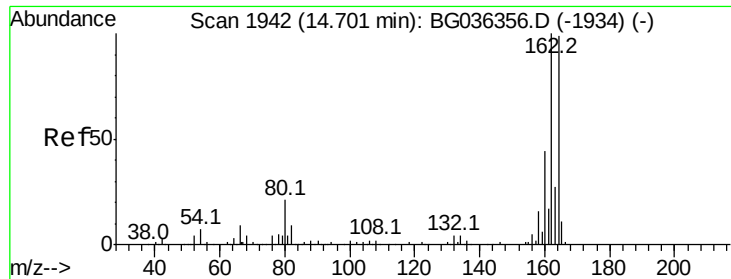


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

Instrument :

BNA_G

ClientSampleId :

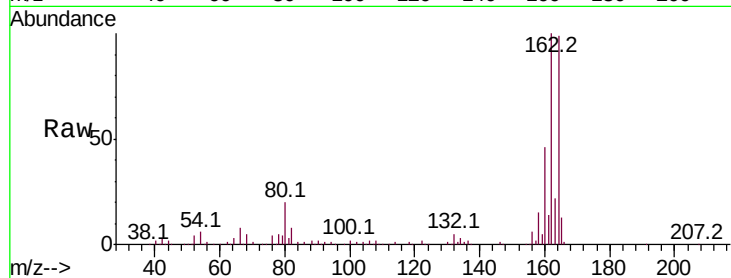
Tot Ion:164 Resp: 168081

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

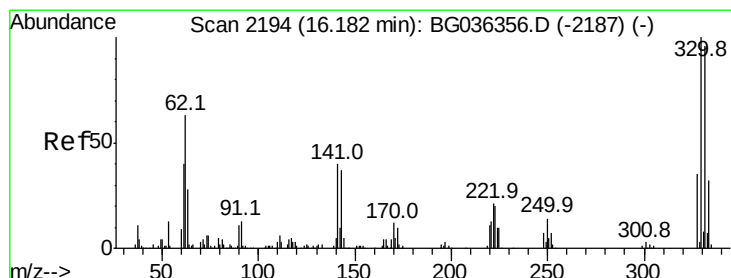
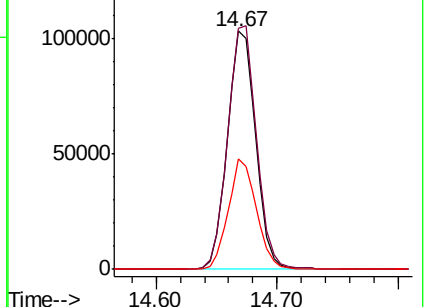
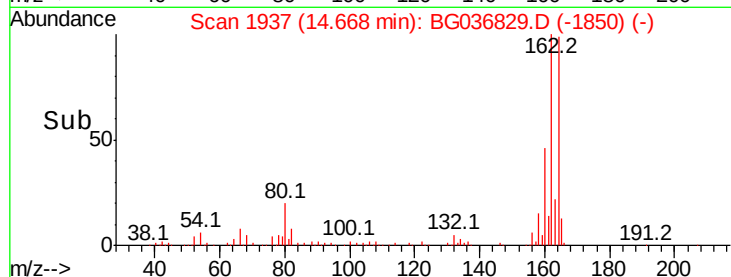
160 46.2 35.3 52.9



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: 92.093 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

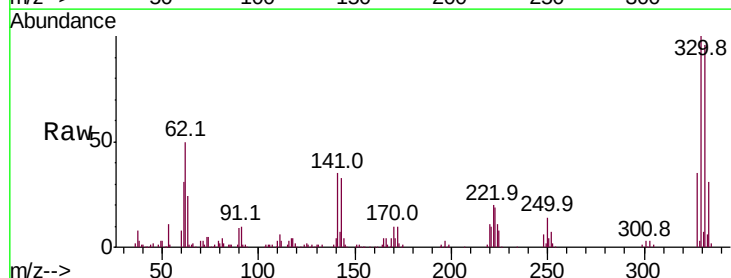
Tgt Ion:330 Resp: 184700

Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

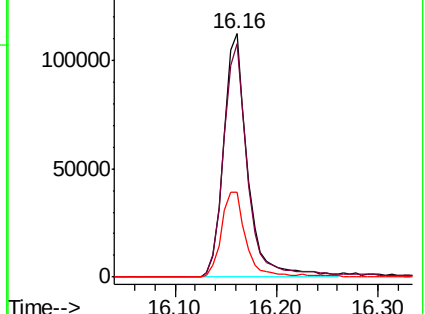
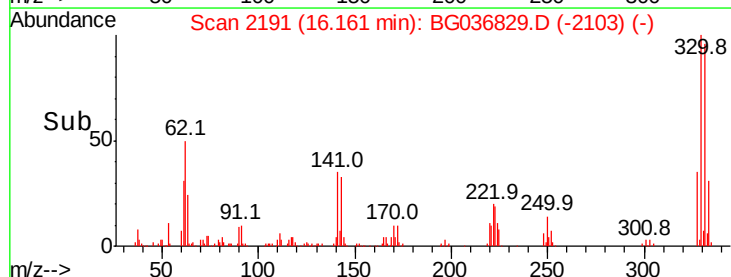
141 36.2 30.7 46.1

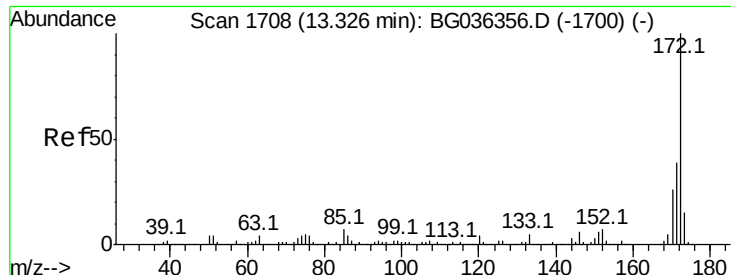


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

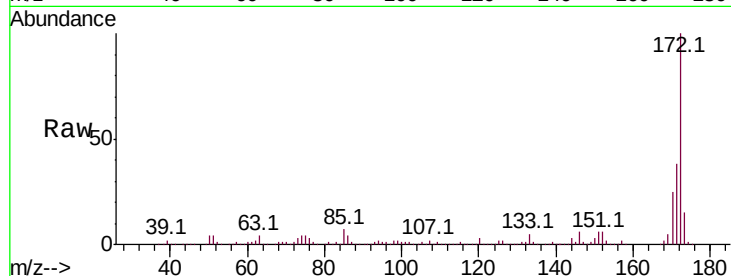




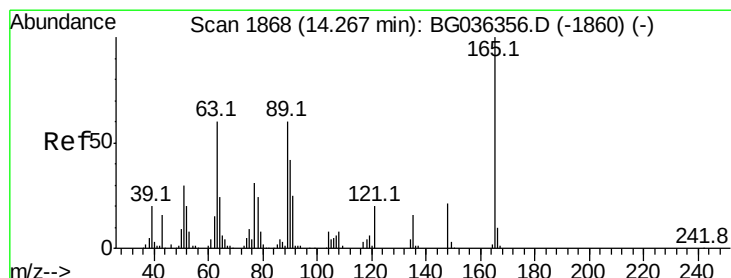
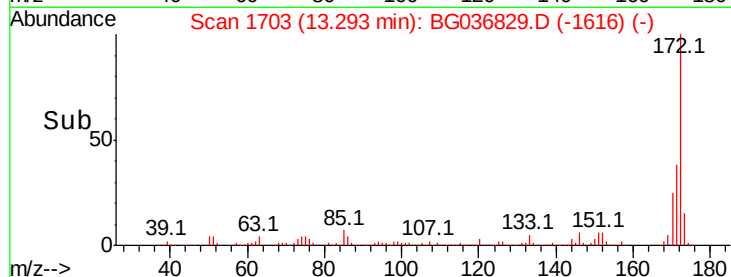
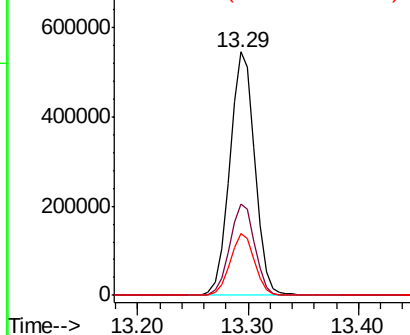
#44
 2-Fluorobiphenyl
 Concen: 73.614 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036829.D
 Acq: 19 Sep 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.5	21.0	31.6

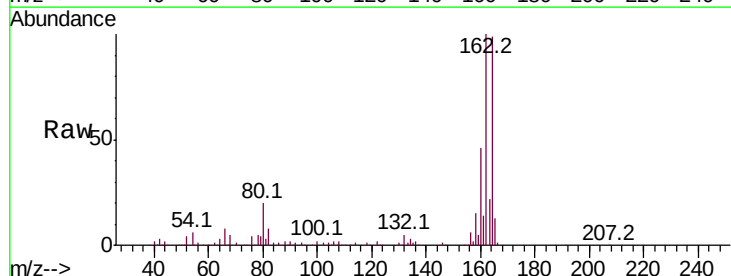


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

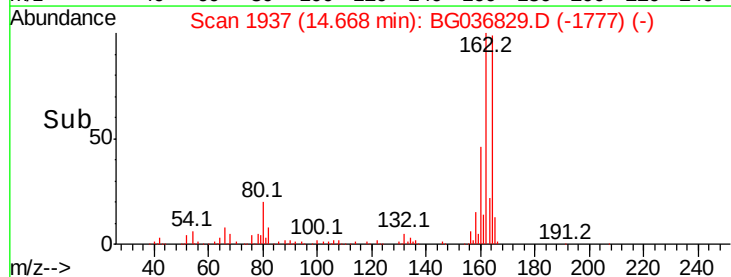
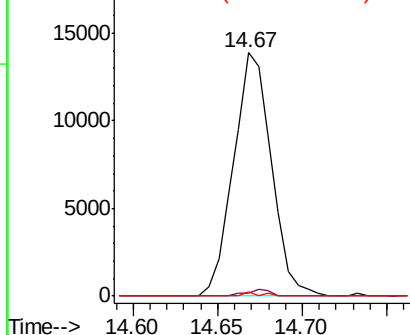


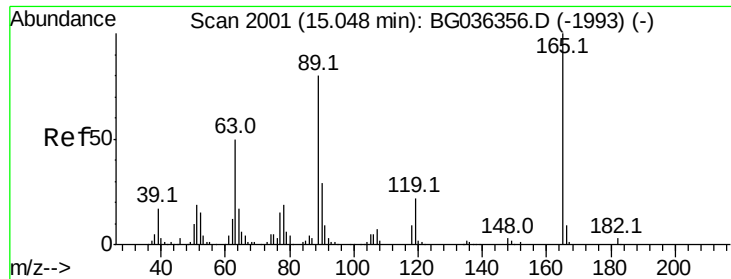
#50
 2,6-Dinitrotoluene
 Concen: 7.669 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036829.D
 Acq: 19 Sep 2018 21:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.1	75.1#
89	1.7	47.8	71.6#



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

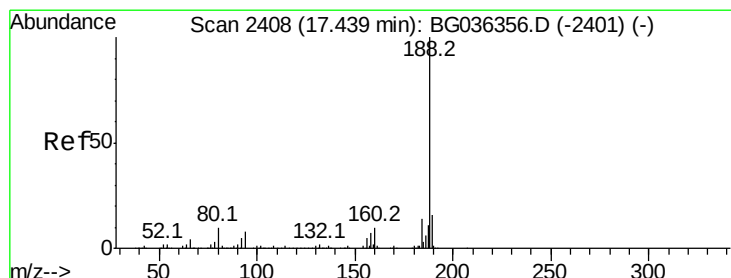
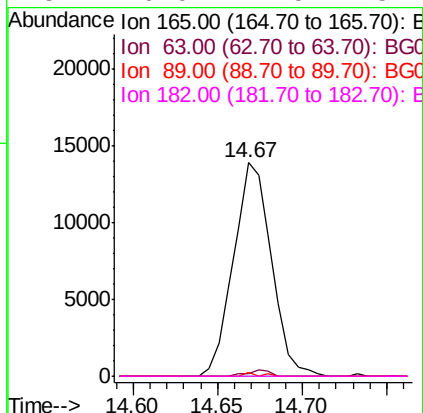
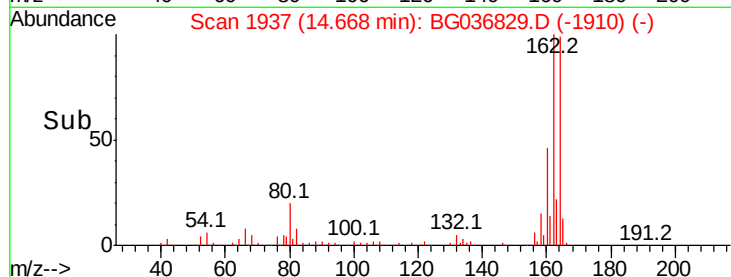
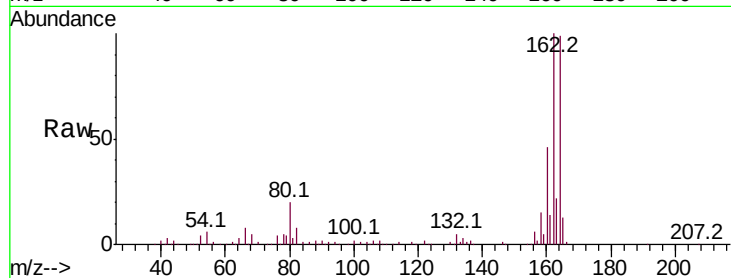




#56
 2,4-Dinitrotoluene
 Concen: 5.884 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036829.D
 Acq: 19 Sep 2018 21:16

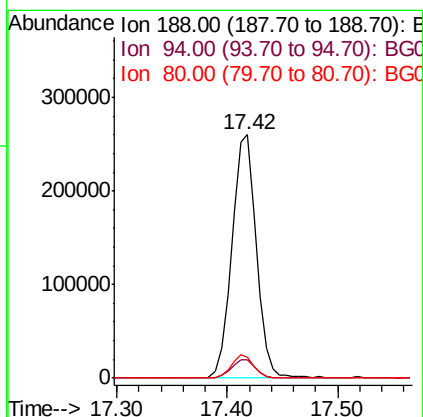
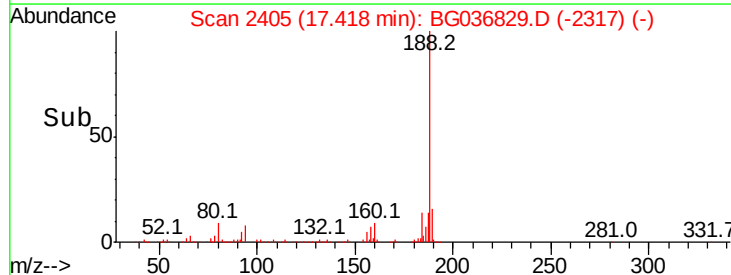
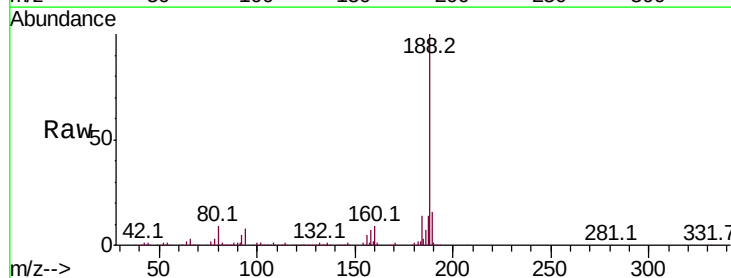
Instrument :
 BNA_G
 ClientSampleId :

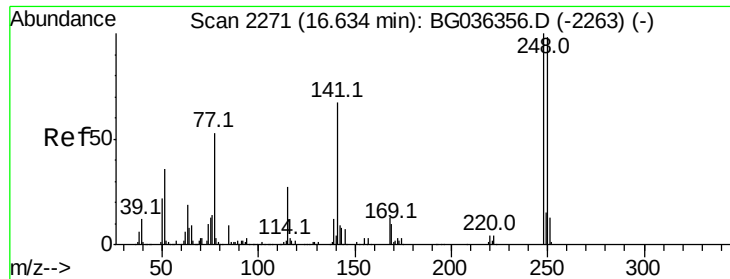
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036829.D
 Acq: 19 Sep 2018 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.7	8.1	12.1

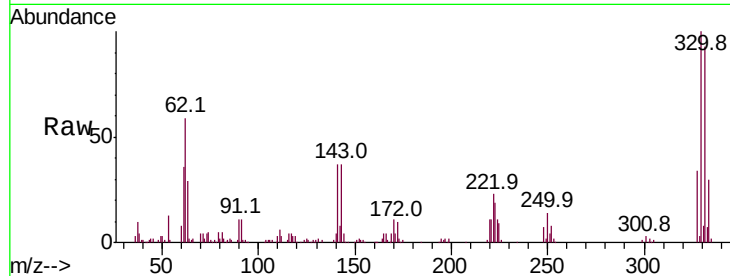




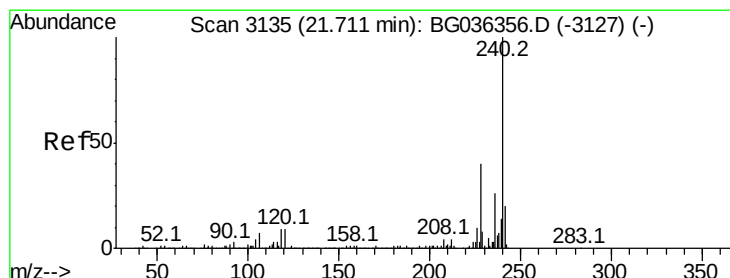
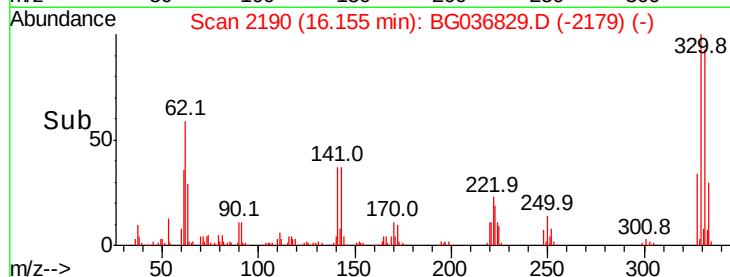
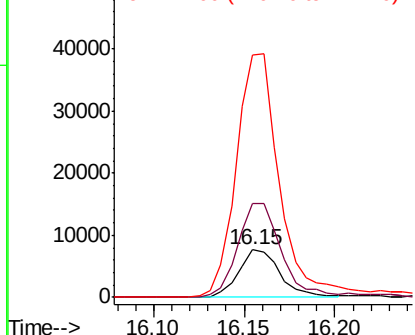
#66
4-Bromophenyl-phenylether
Concen: 2.582 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 12235
Ion Ratio Lower Upper
248 100
250 197.3 78.1 117.1#
141 509.8 53.7 80.5#

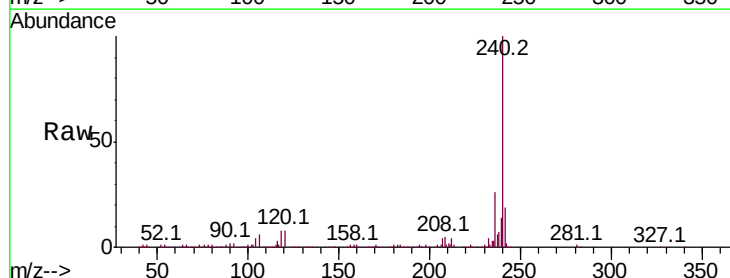


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

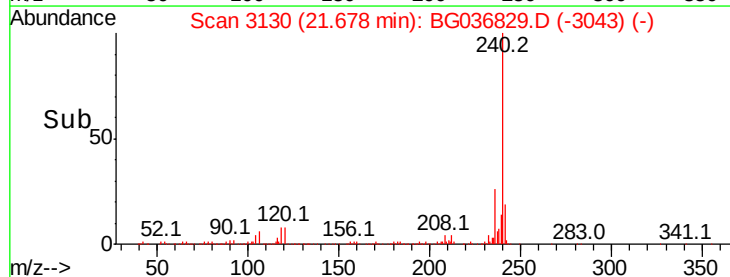
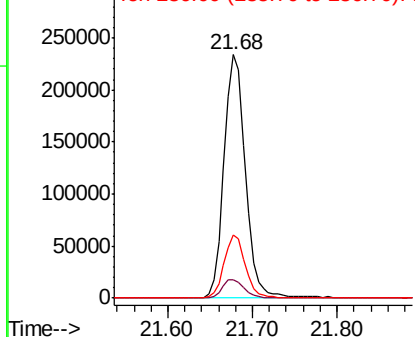


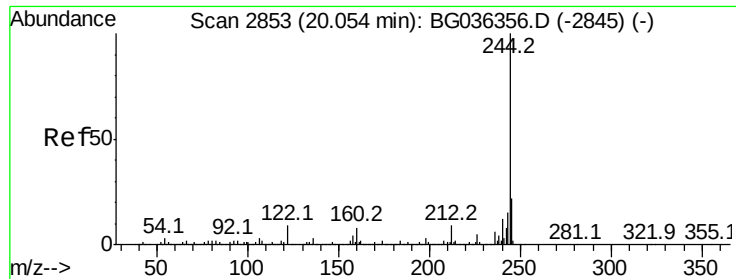
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:240 Resp: 410145
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.9 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





#78

Terphenyl-d14

Concen: 78.344 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

Instrument :

BNA_G

ClientSampleId :

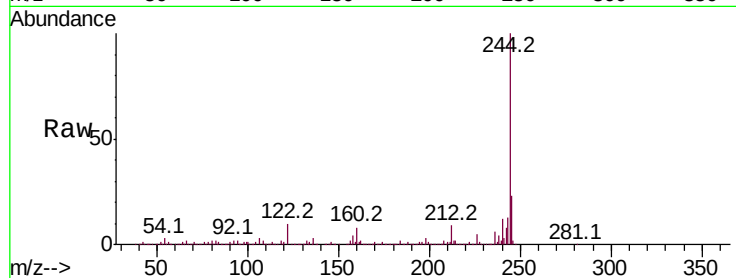
Tot Ion:244 Resp: 1374739

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

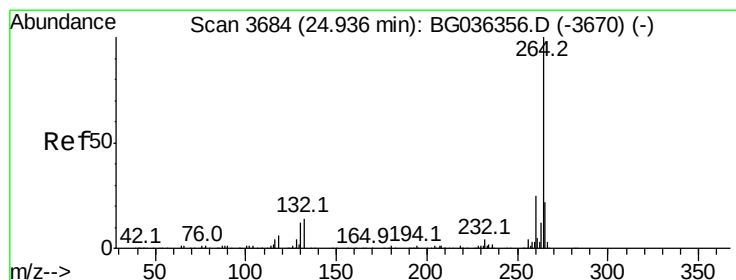
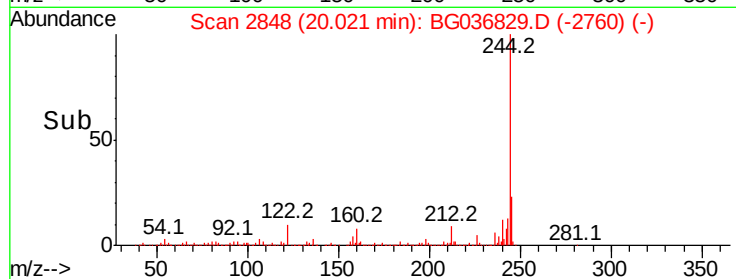
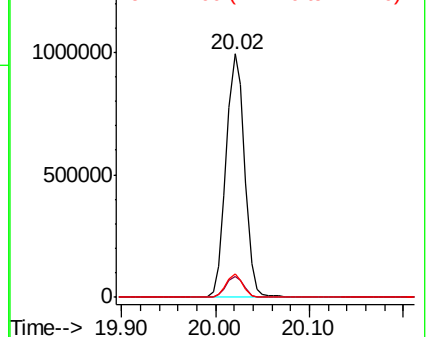
122 9.5 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036829.D

Acq: 19 Sep 2018 21:16

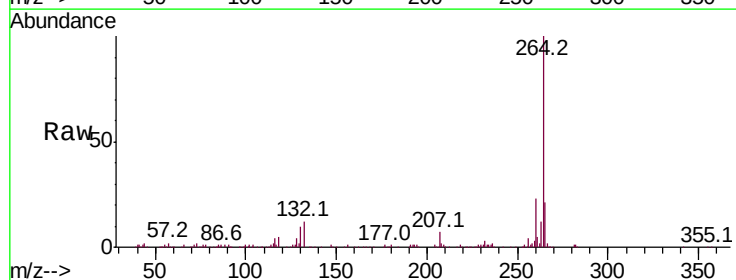
Tgt Ion:264 Resp: 380887

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.4 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

