

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036630.D
 Acq On : 10 Sep 2018 18:23
 Operator : JU/SJ
 Sample : J4769-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:54:43 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

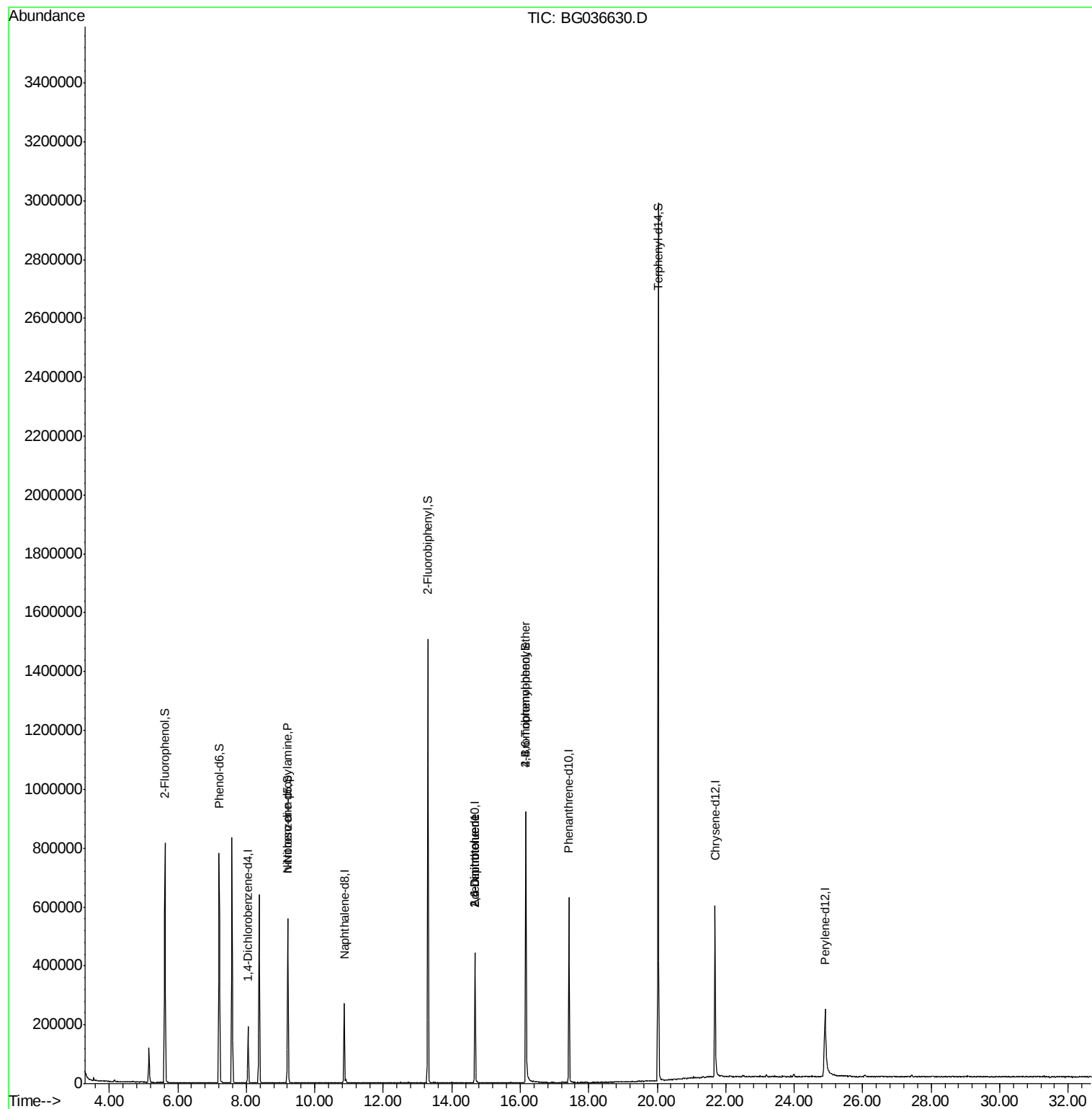
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54155	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	233307	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	156721	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	404296	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	417140	20.00	ng	0.00
86) Perylene-d12	24.90	264	353688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	341229	99.95	ng	0.00
7) Phenol-d6	7.21	99	448687	91.80	ng	-0.01
23) Nitrobenzene-d5	9.22	82	335987	78.14	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	192277	102.82	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	809451	73.75	ng	0.00
78) Terphenyl-d14	20.03	244	1416246	79.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44595	12.208	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	20319	7.716	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20319	5.920	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	13359	2.822	ng	# 1

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

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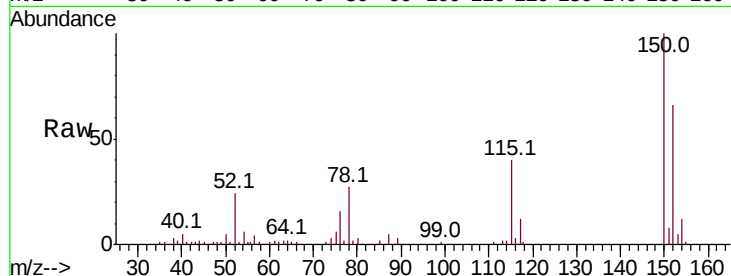


#1

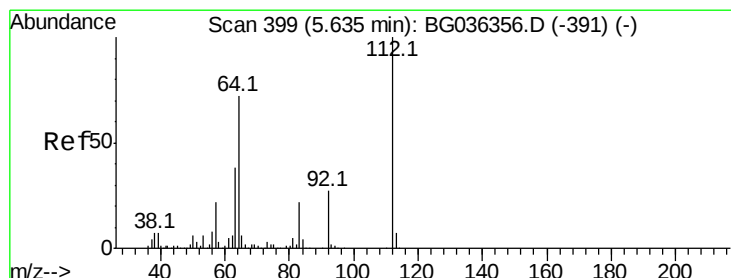
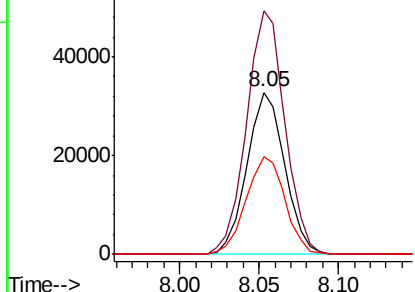
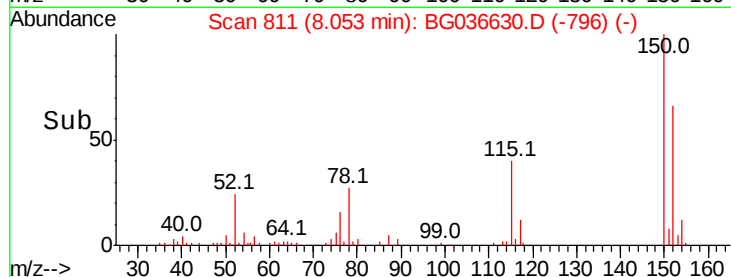
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	60.3	44.5	66.7



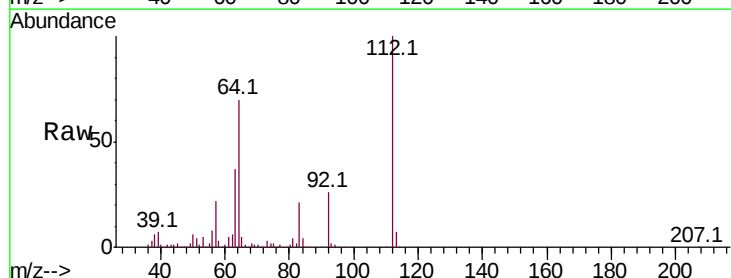
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



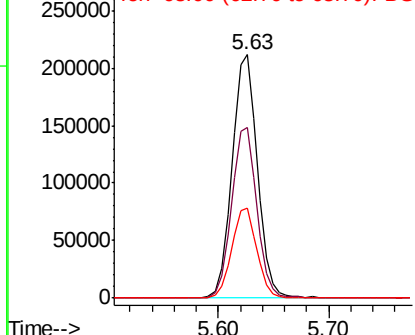
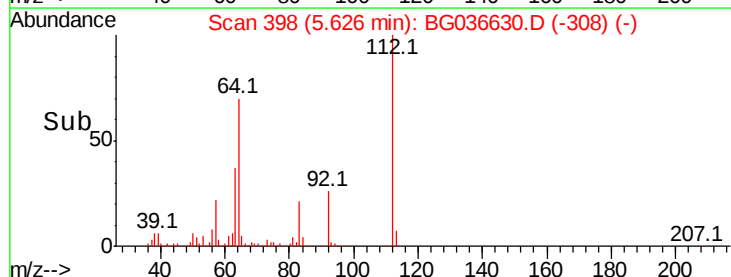
#5

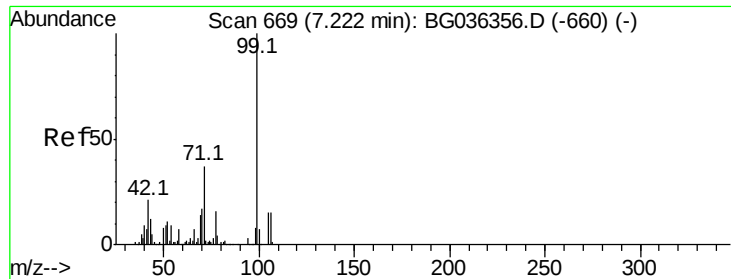
2-Fluorophenol
 Concen: 99.952 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	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: 91.795 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Instrument :

BNA_G

ClientSampleId :

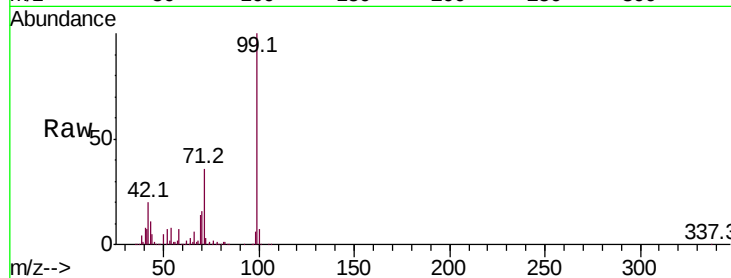
Tot Ion: 99 Resp: 448687

Ion Ratio Lower Upper

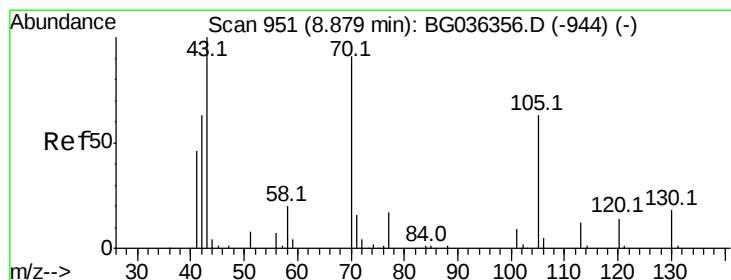
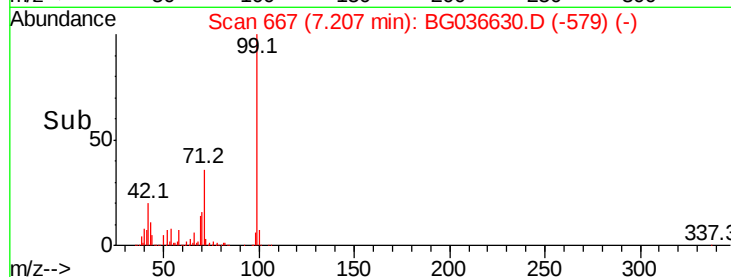
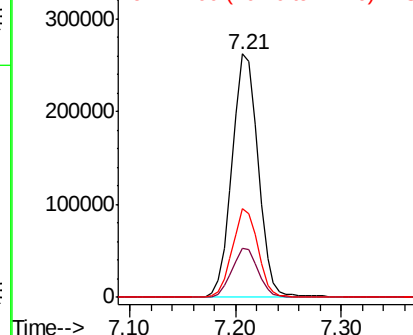
99 100

42 20.2 16.5 24.7

71 36.2 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: 12.208 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Tgt Ion: 70 Resp: 44595

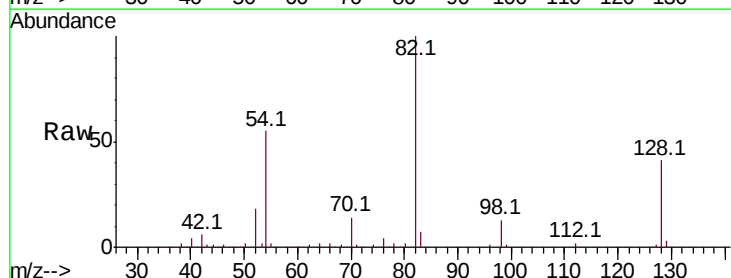
Ion Ratio Lower Upper

70 100

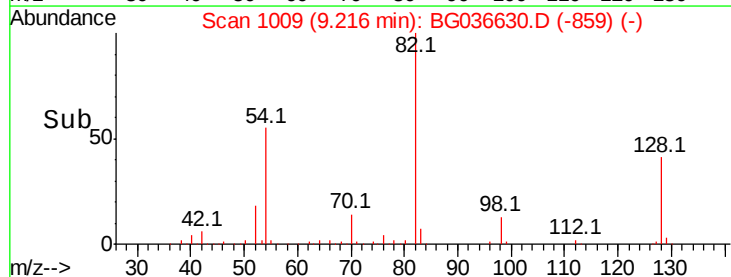
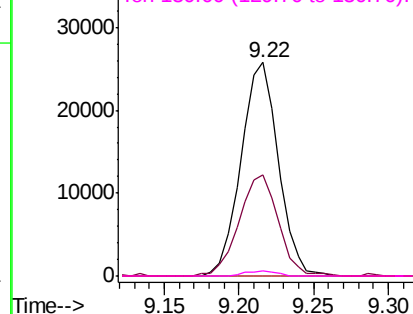
42 47.5 56.2 84.4#

101 0.0 7.8 11.6#

130 2.6 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

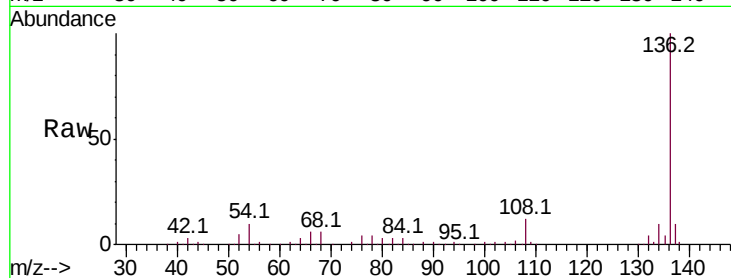




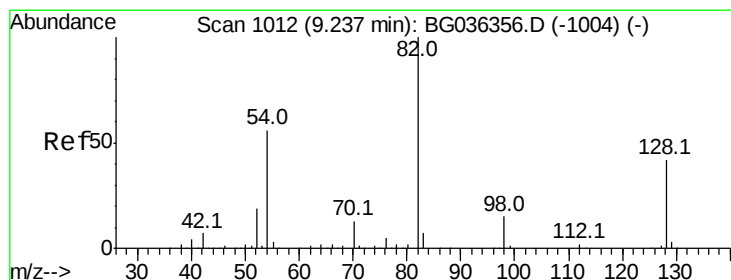
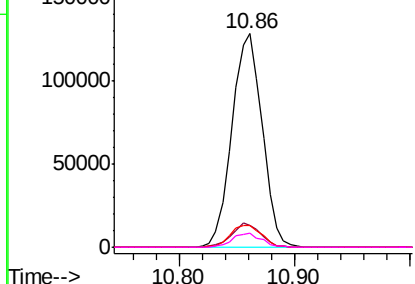
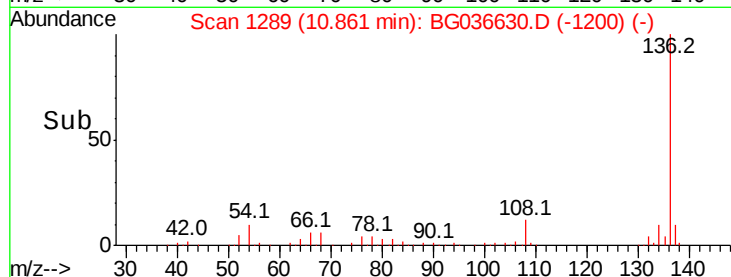
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036630.D
Acq: 10 Sep 2018 18:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	233307
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.8 13.2
54	10.2	9.2 13.8
68	6.3	5.8 8.6

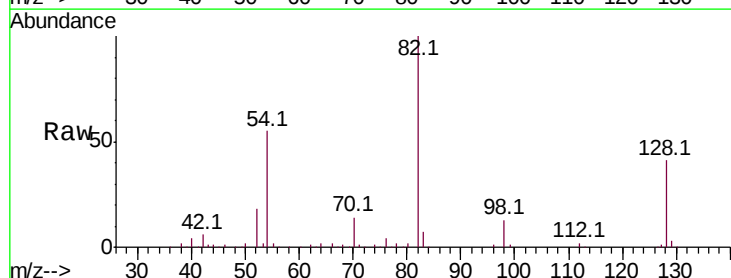


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

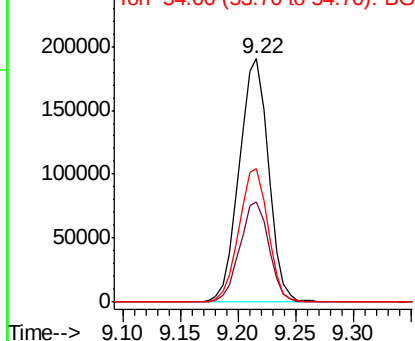
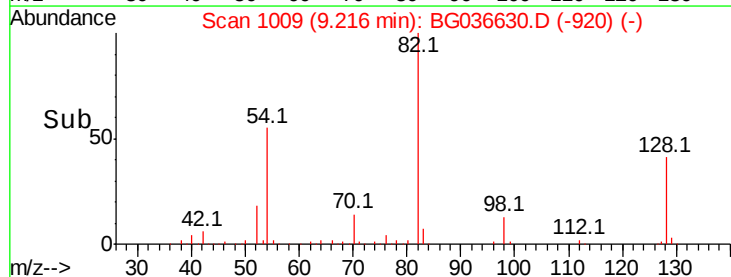


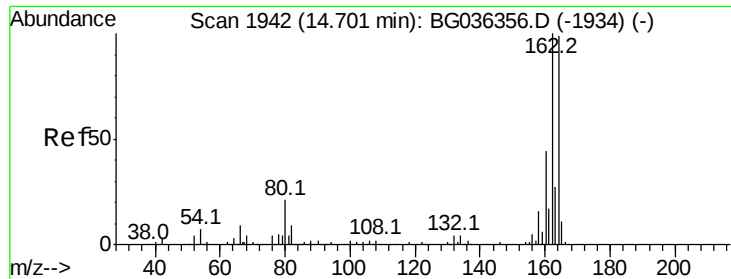
#23
Nitrobenzene-d5
Concen: 78.135 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036630.D
Acq: 10 Sep 2018 18:23

Tgt Ion: 82	Resp:	335987
Ion	Ratio	Lower Upper
82	100	
128	41.2	33.3 49.9
54	54.9	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Instrument :

BNA_G

ClientSampleId :

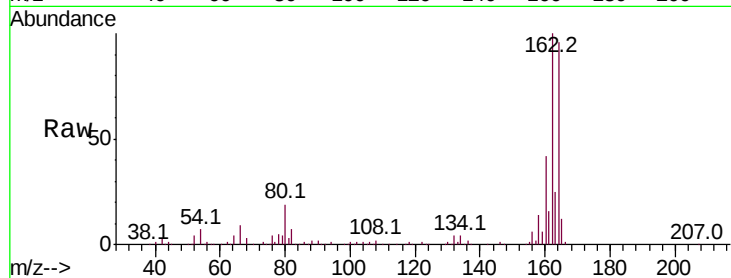
Tot Ion:164 Resp: 156721

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

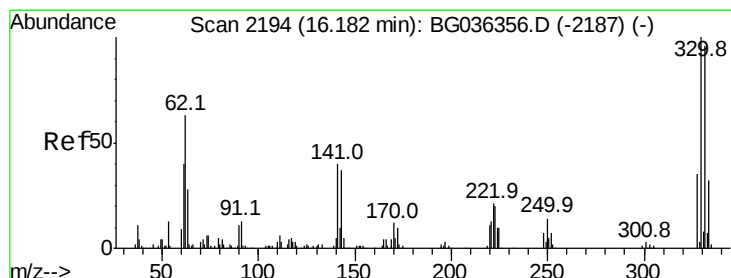
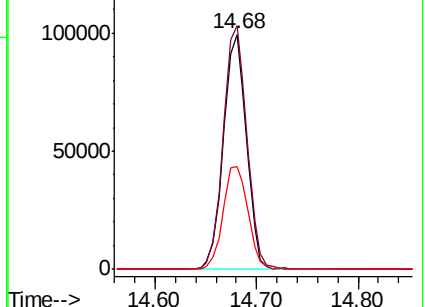
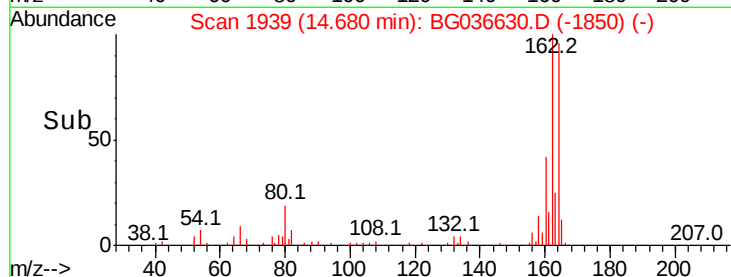
160 44.1 35.3 52.9



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: 102.820 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

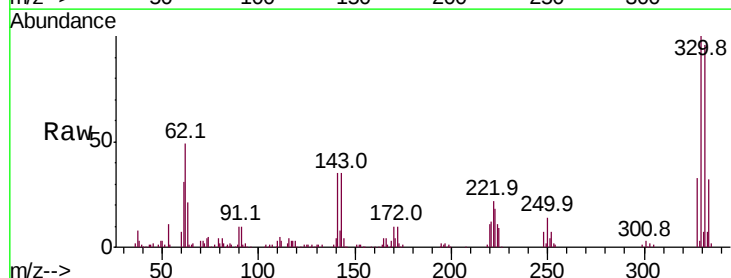
Tgt Ion:330 Resp: 192277

Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

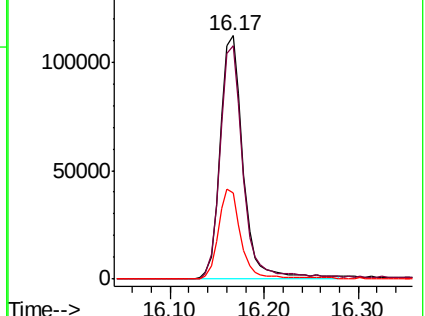
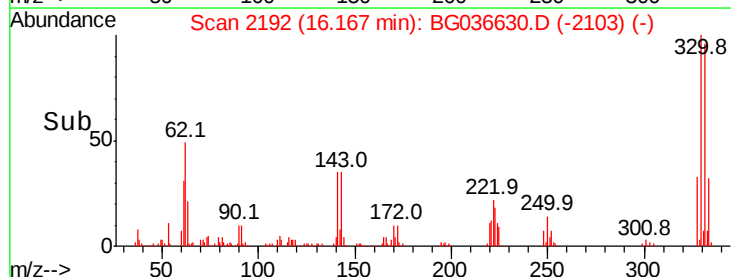
141 36.0 30.7 46.1



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

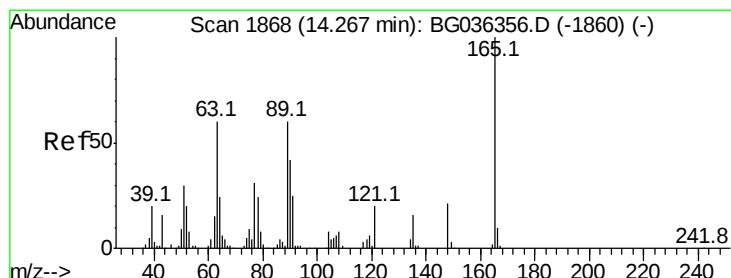
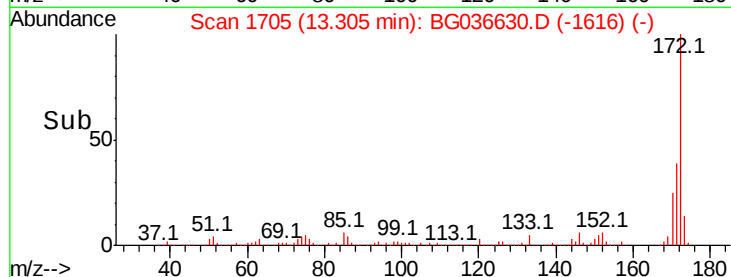
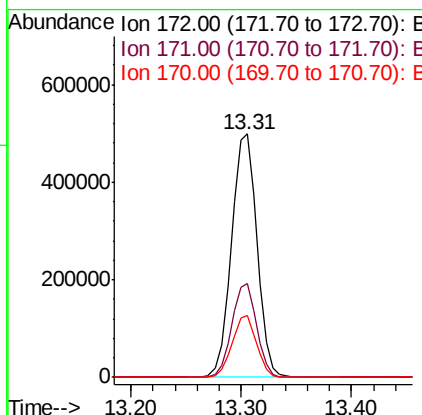
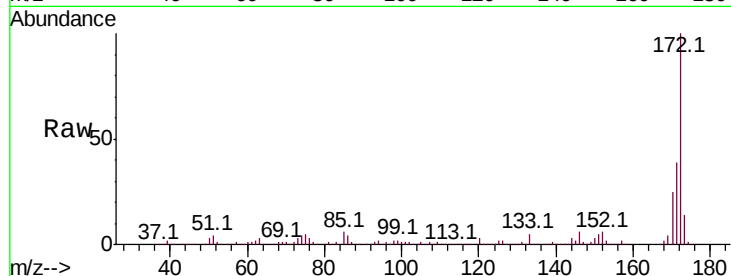




#44
 2-Fluorobiphenyl
 Concen: 73.746 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

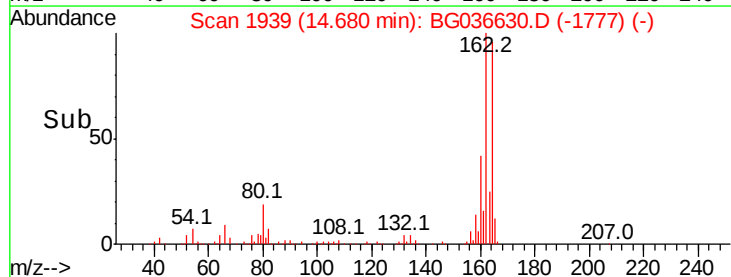
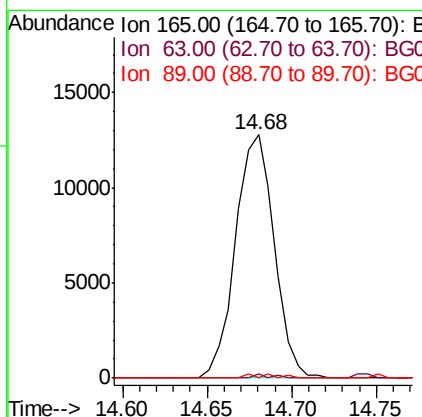
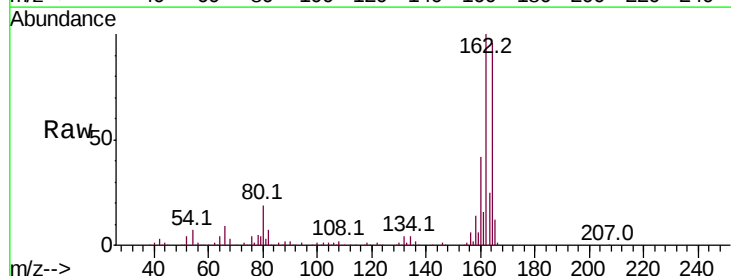
Instrument :
 BNA_G
 ClientSampleId :

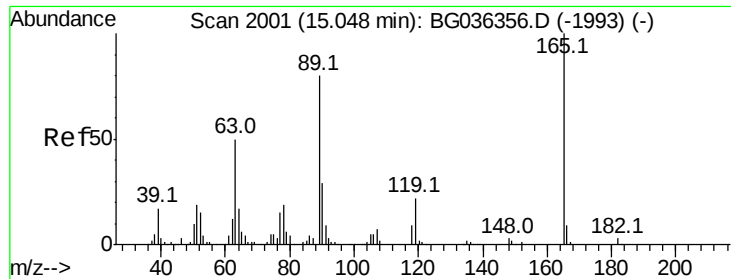
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.5	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.716 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	0.0	47.8	71.6#

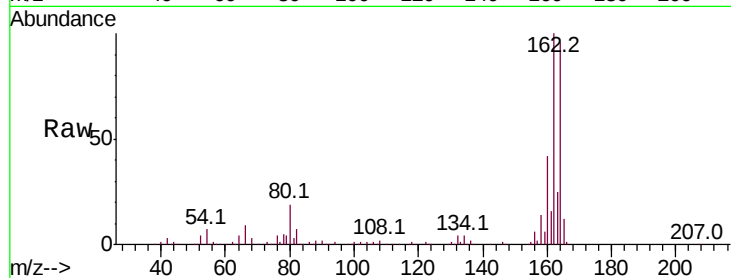




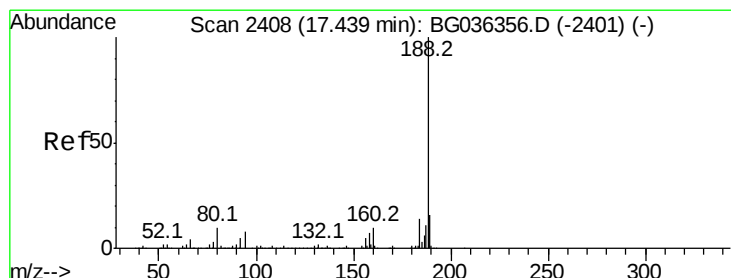
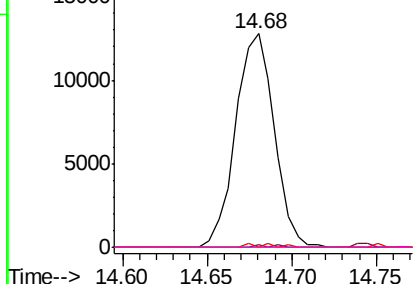
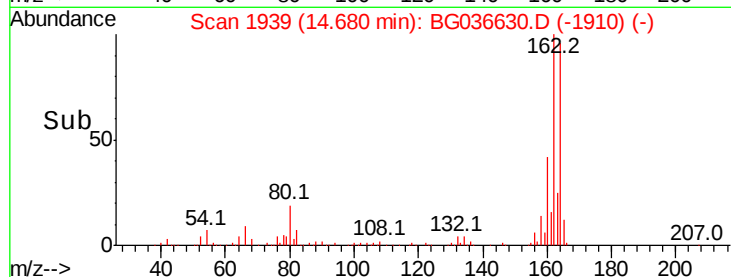
#56
 2,4-Dinitrotoluene
 Concen: 5.920 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

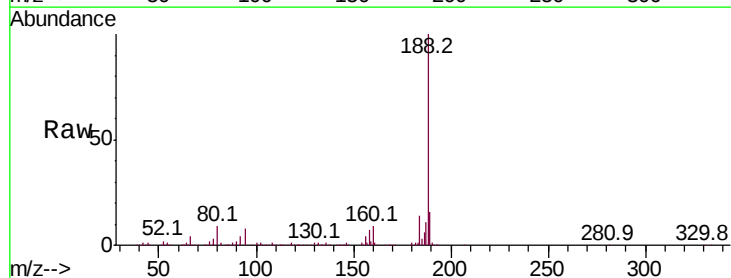


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

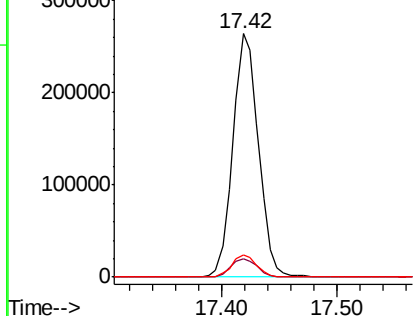
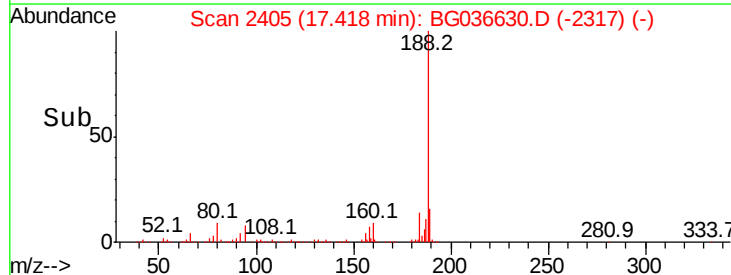


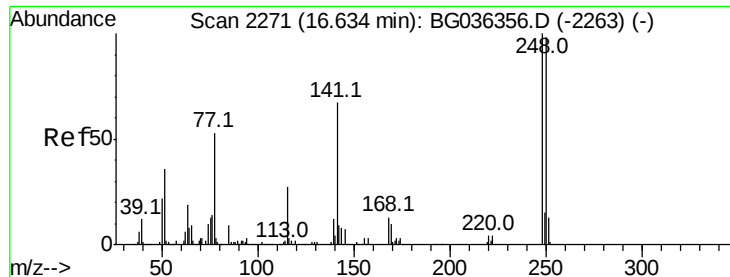
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.4	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

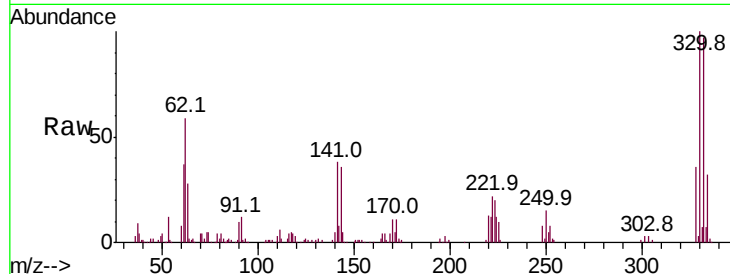




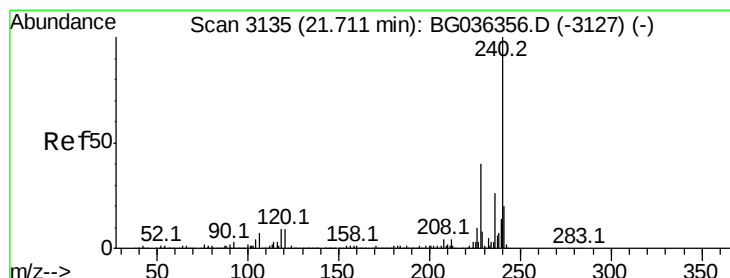
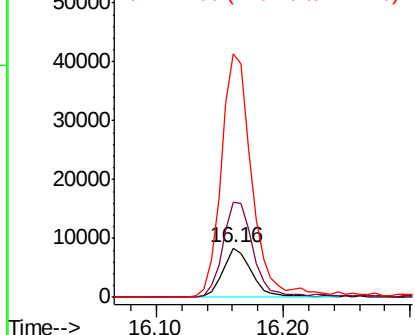
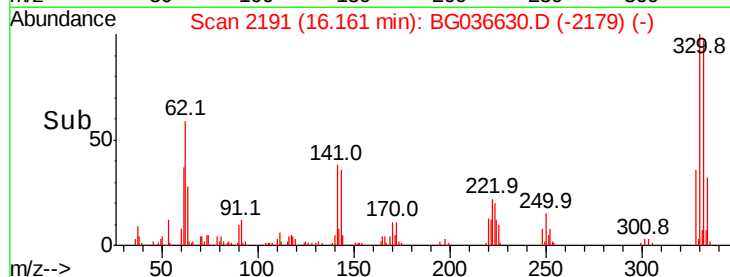
#66
 4-Bromophenyl-phenylether
 Concen: 2.822 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 13359
 Ion Ratio Lower Upper
 248 100
 250 192.3 78.1 117.1#
 141 491.7 53.7 80.5#

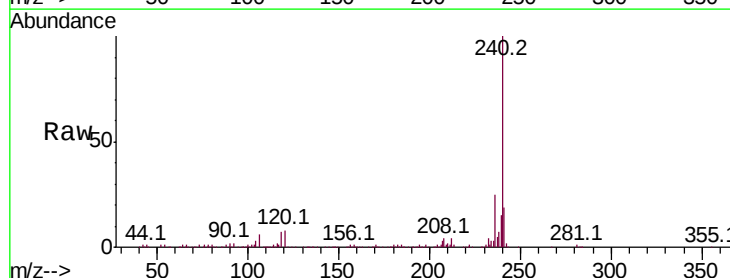


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

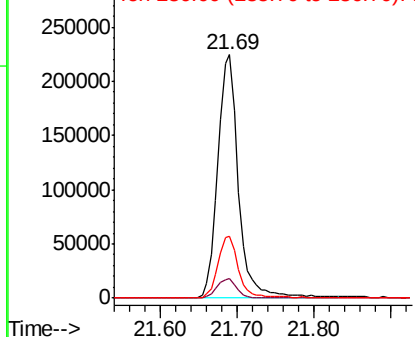
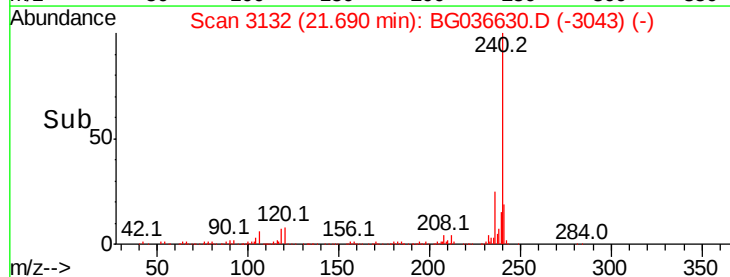


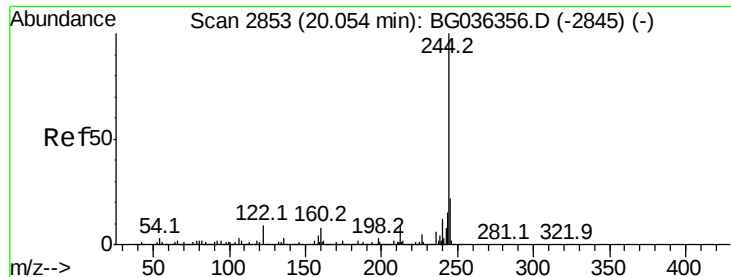
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Tgt Ion:240 Resp: 417140
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 25.4 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: 79.356 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Instrument :

BNA_G

ClientSampled :

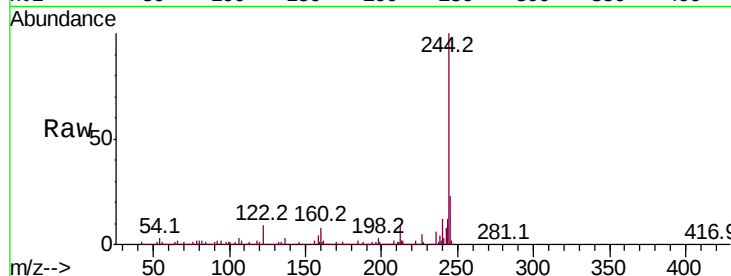
Tot Ion:244 Resp: 1416246

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

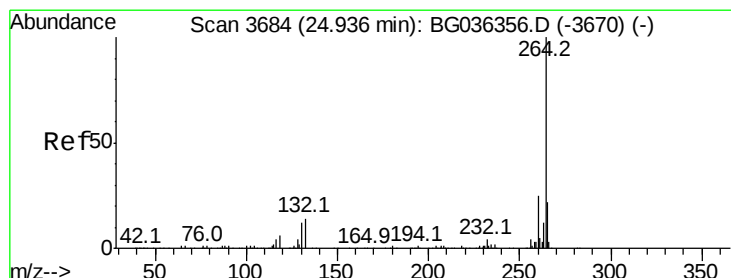
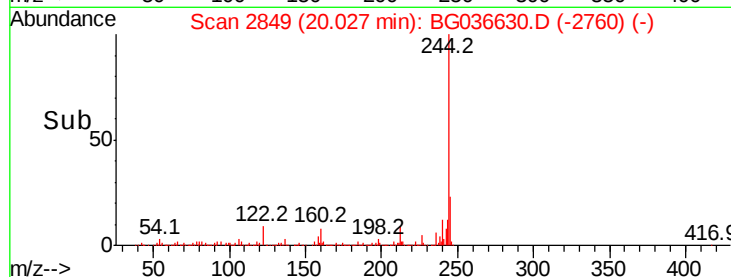
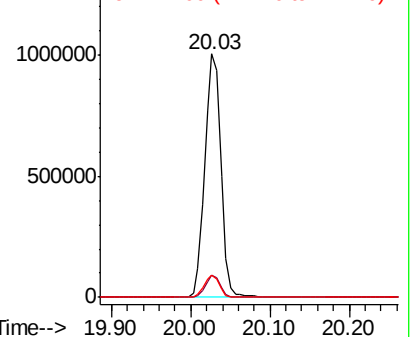
122 9.4 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

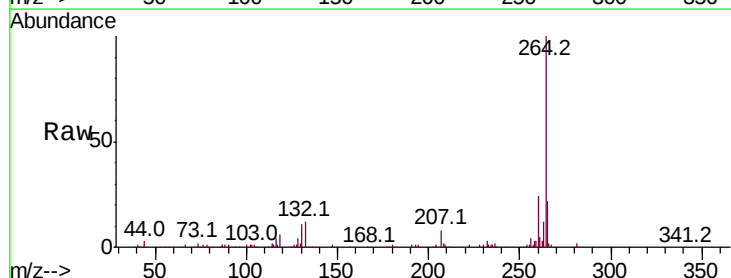
Tgt Ion:264 Resp: 353688

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 22.1 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

