

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036727.D
 Acq On : 15 Sep 2018 5:10
 Operator : JU/SJ
 Sample : PB112841BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 05:45:06 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

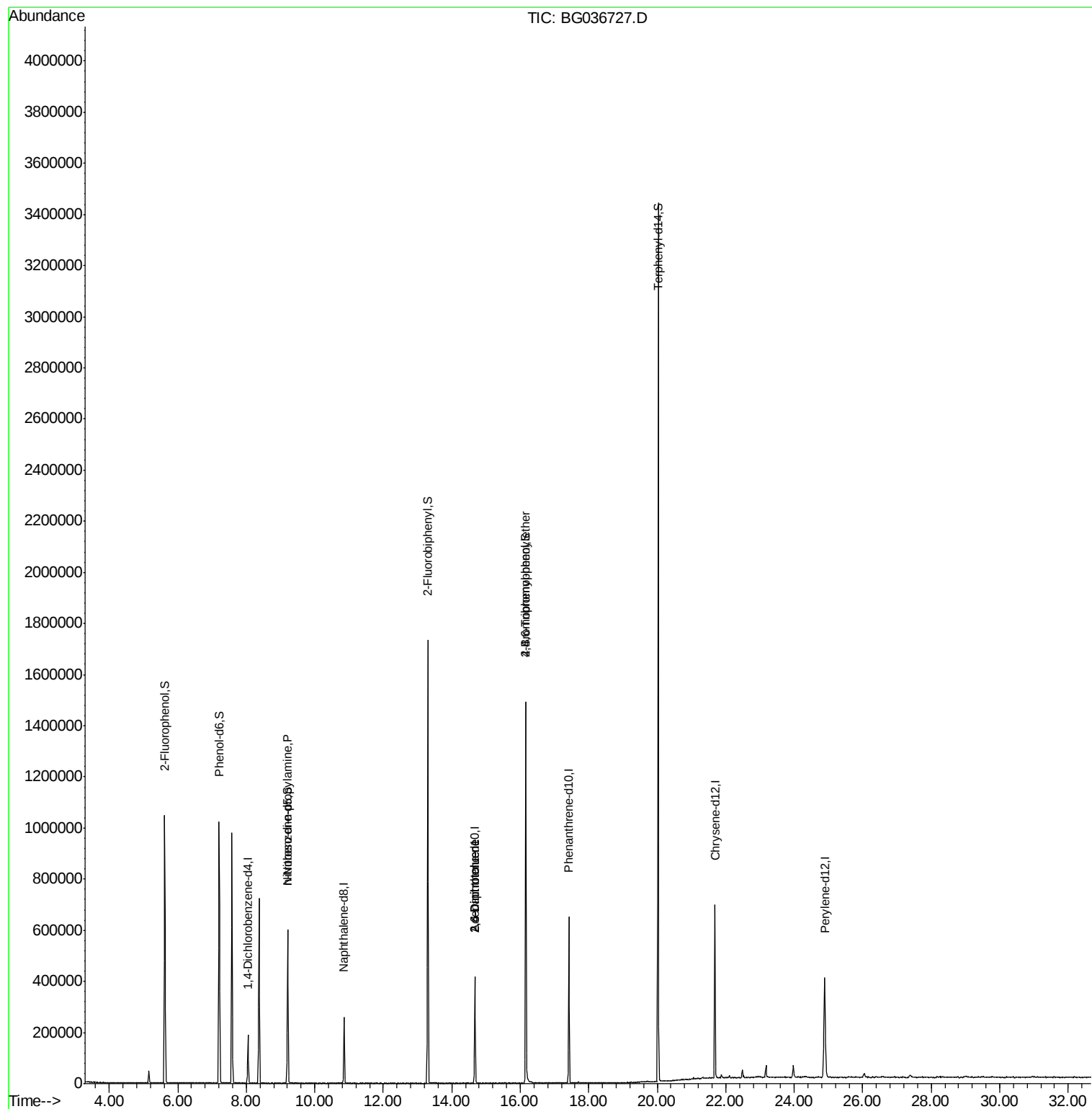
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54654	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	218649	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	149404	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	400284	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	422952	20.00	ng	-0.01
86) Perylene-d12	24.89	264	416718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	428851	124.47	ng	0.00
7) Phenol-d6	7.21	99	592687	120.15	ng	-0.01
23) Nitrobenzene-d5	9.21	82	365384	90.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	281729	158.03	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	884751	84.55	ng	-0.01
78) Terphenyl-d14	20.03	244	1589932	87.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49508	13.429	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	18664	7.435	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	18664	5.705	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	19590	4.180	ng	# 1

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

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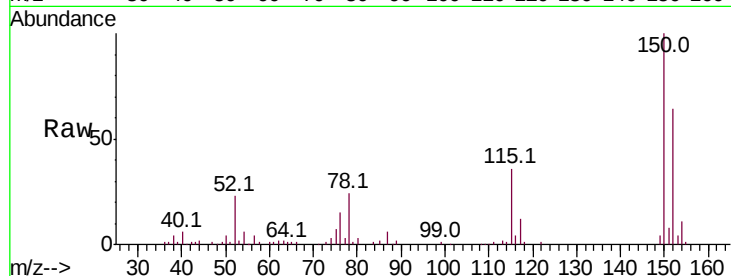


#1

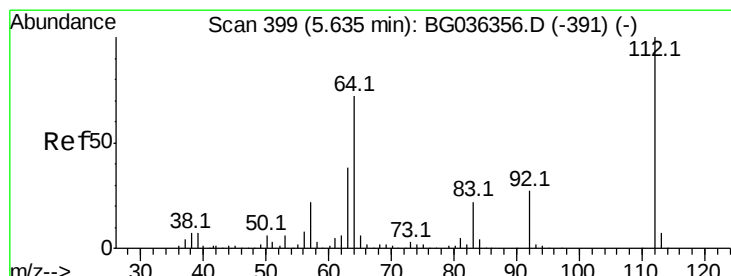
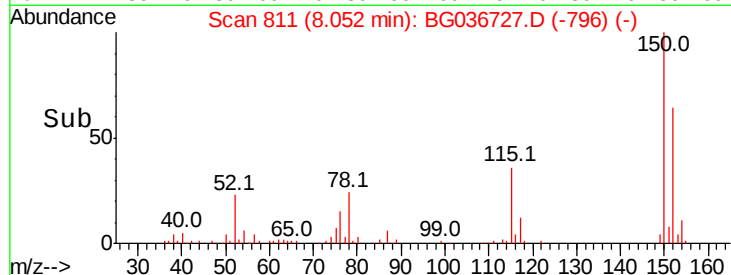
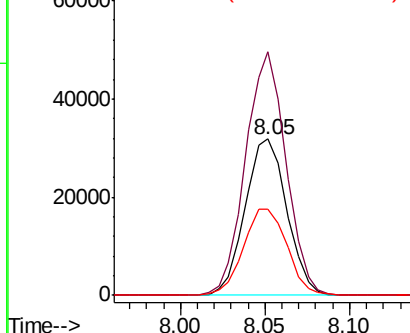
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54654
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 55.5 44.5 66.7



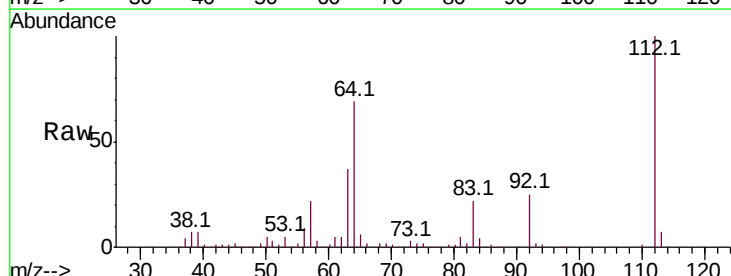
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



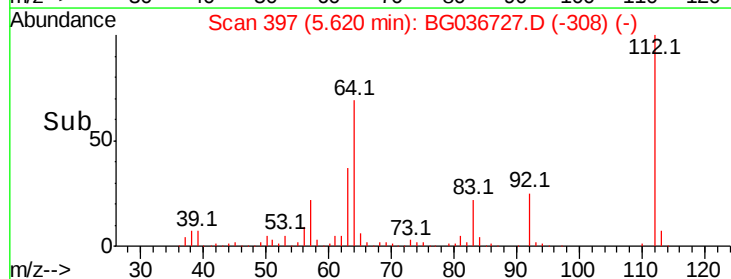
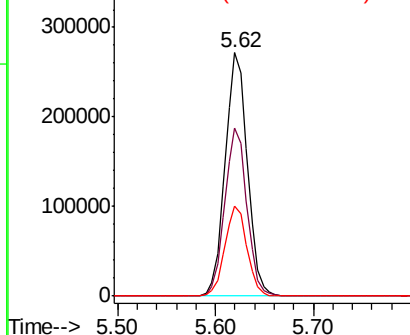
#5

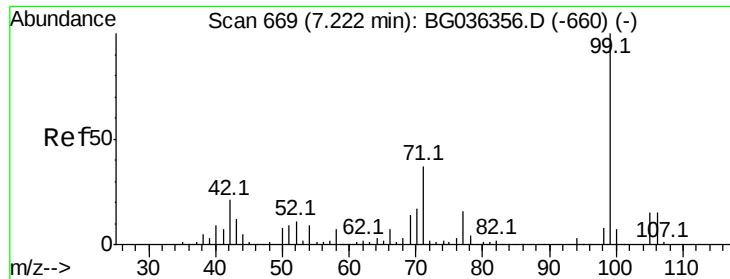
2-Fluorophenol
Concen: 124.471 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Tgt Ion:112 Resp: 428851
Ion Ratio Lower Upper
112 100
64 69.3 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: 120.149 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Instrument :

BNA_G

ClientSampleId :

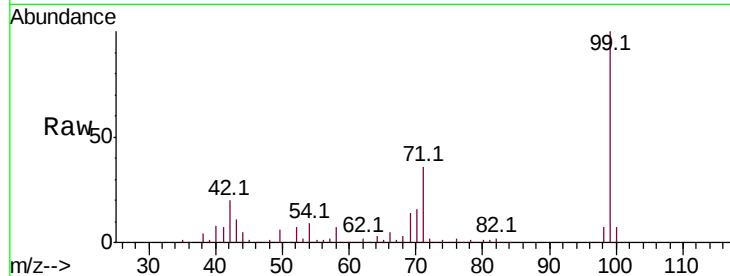
Tot Ion: 99 Resp: 592687

Ion Ratio Lower Upper

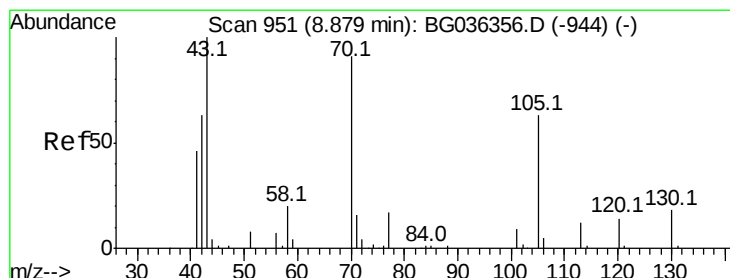
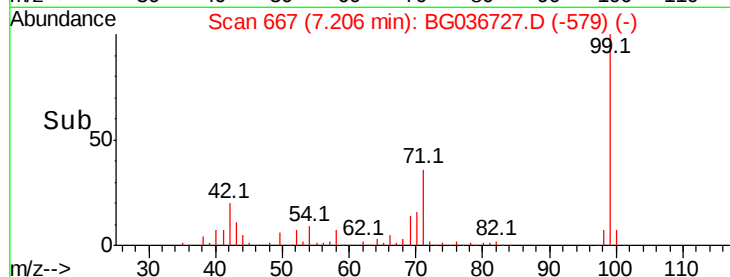
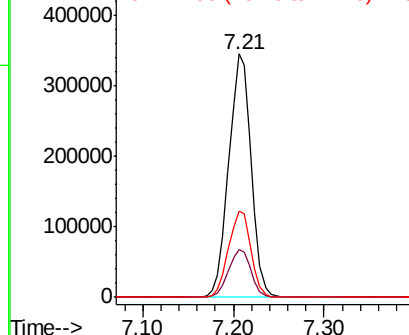
99 100

42 19.6 16.5 24.7

71 35.6 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: 13.429 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Tgt Ion: 70 Resp: 49508

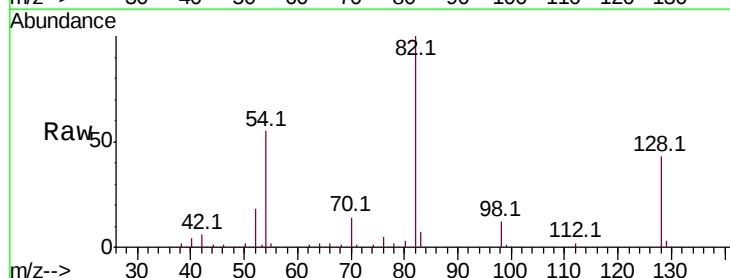
Ion Ratio Lower Upper

70 100

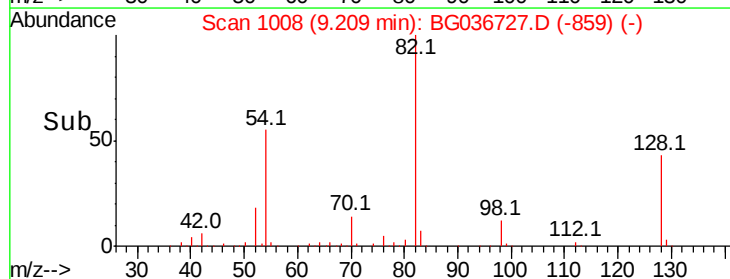
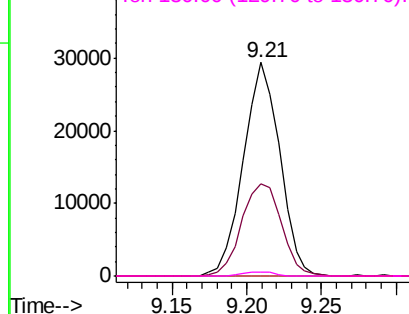
42 43.1 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 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

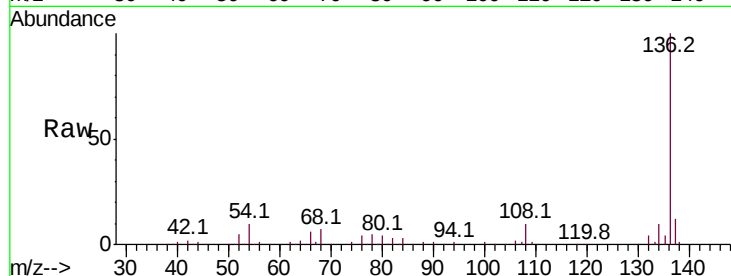




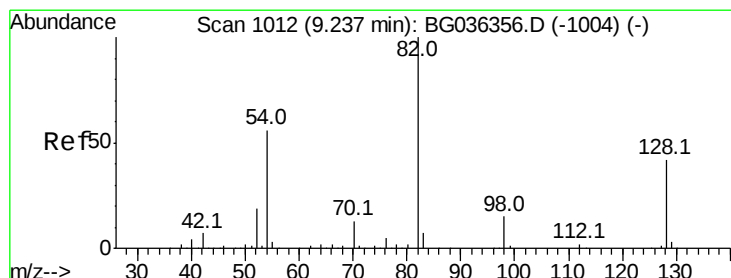
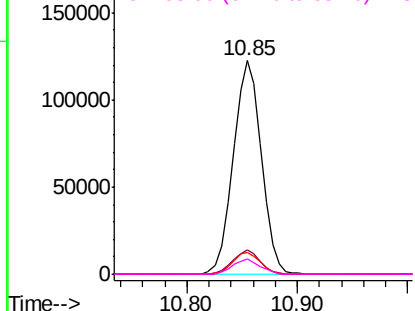
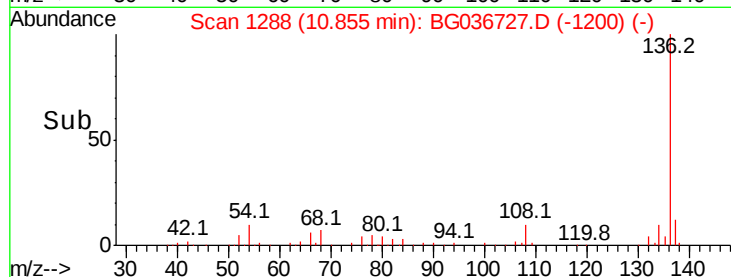
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	218649
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.3	9.2	13.8
68	7.0	5.8	8.6

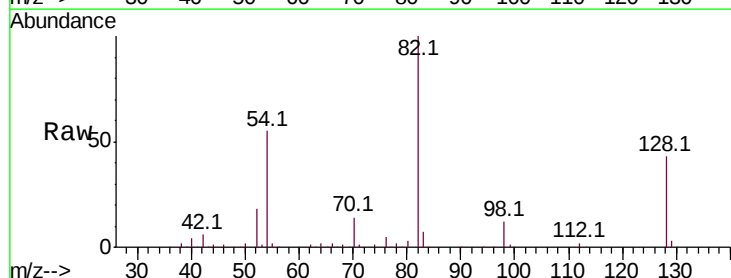


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

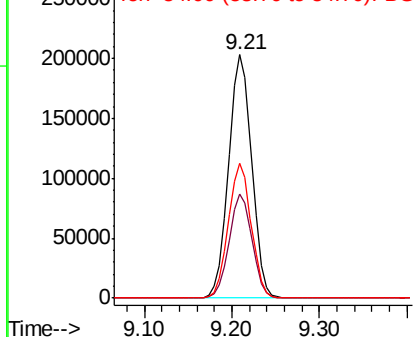
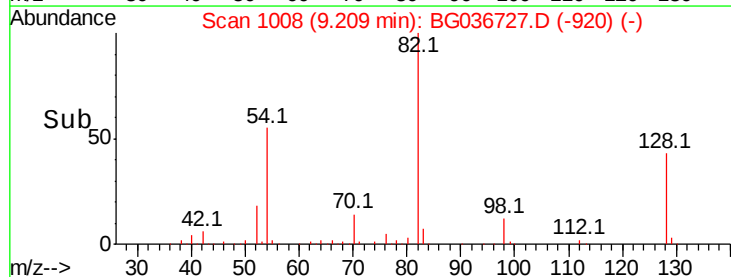


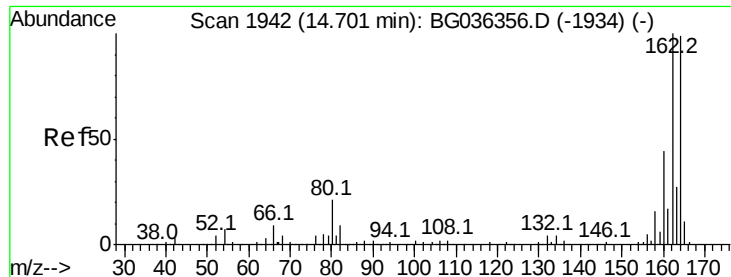
#23
Nitrobenzene-d5
Concen: 90.668 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Tgt Ion:	82	Resp:	365384
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	55.4	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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Instrument :

BNA_G

ClientSampleId :

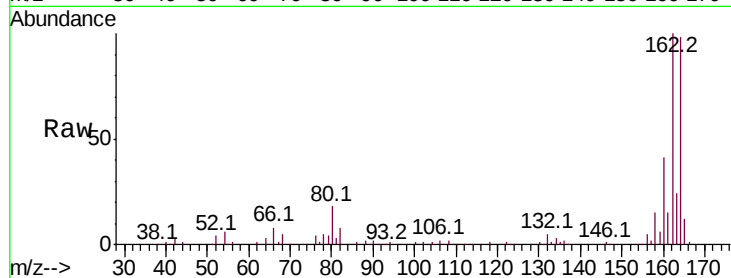
Tot Ion:164 Resp: 149404

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

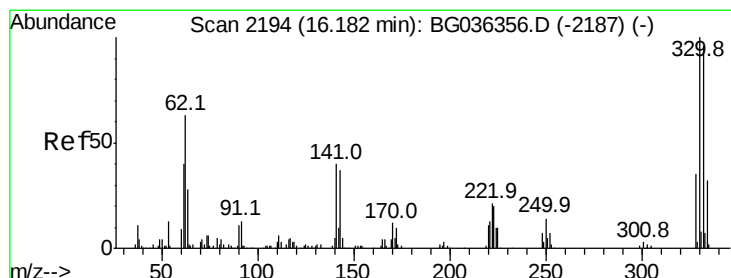
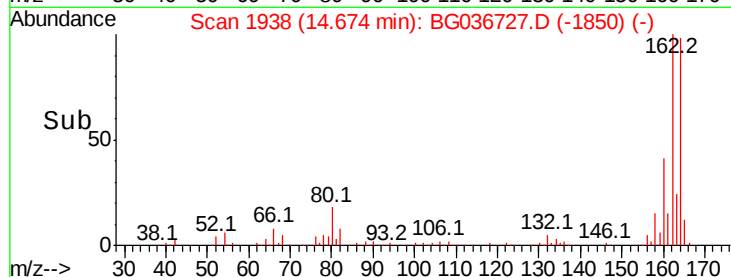
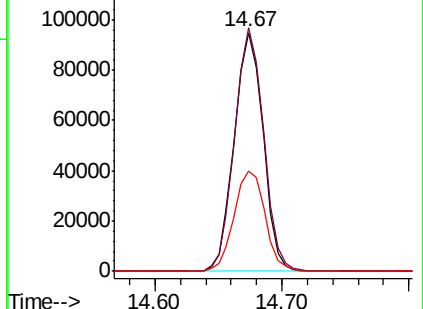
160 42.1 35.3 52.9



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: 158.033 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

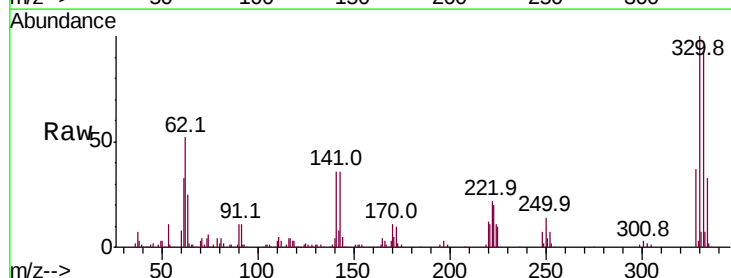
Tgt Ion:330 Resp: 281729

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

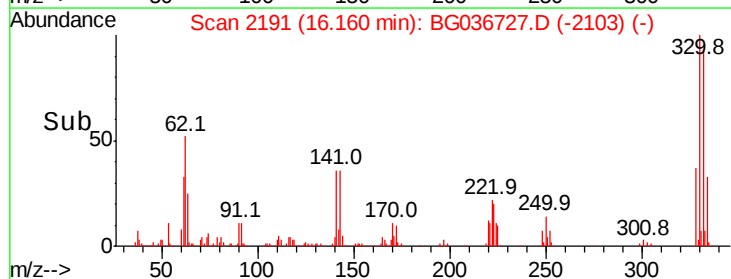
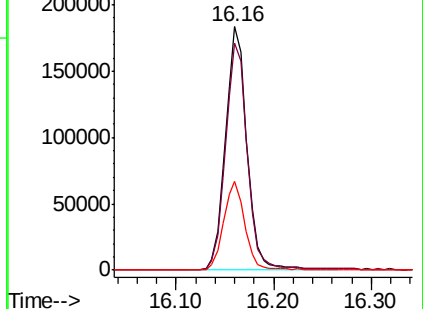
141 36.1 30.7 46.1



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

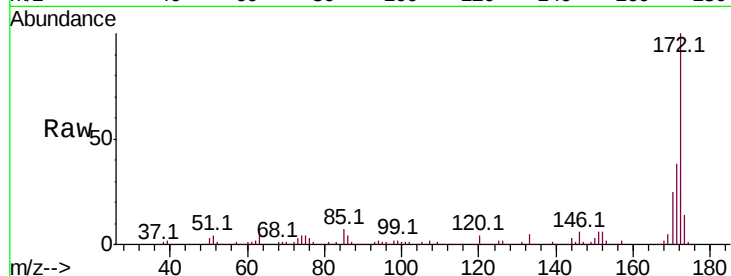




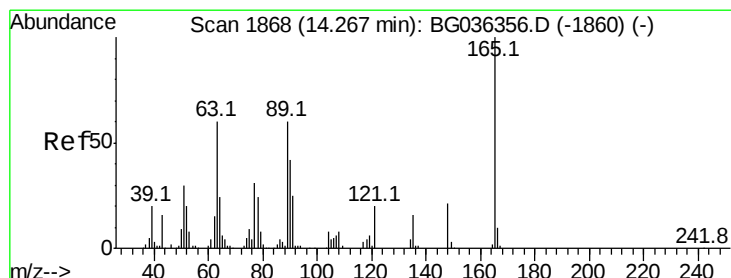
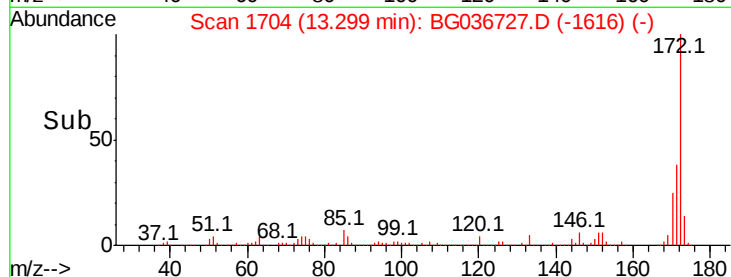
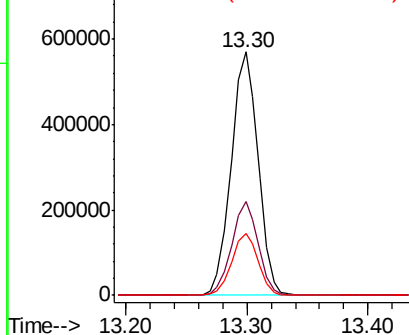
#44
 2-Fluorobiphenyl
 Concen: 84.554 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.2	21.0	31.6

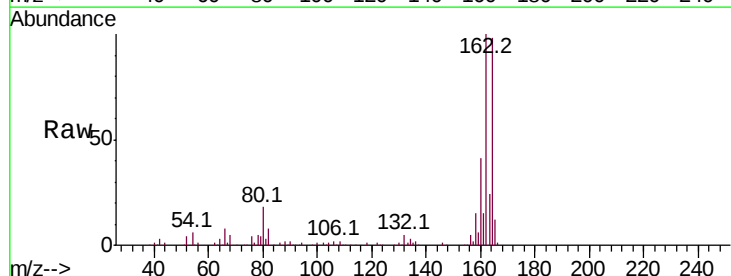


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

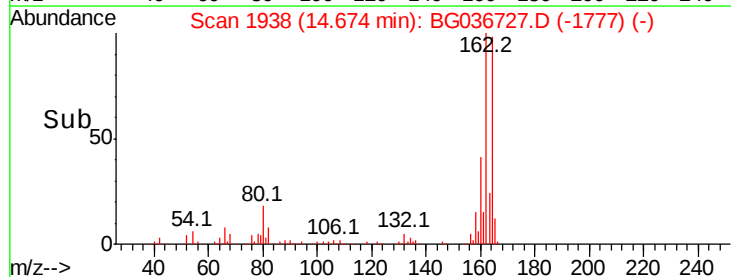
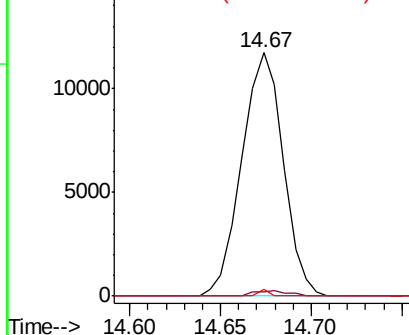


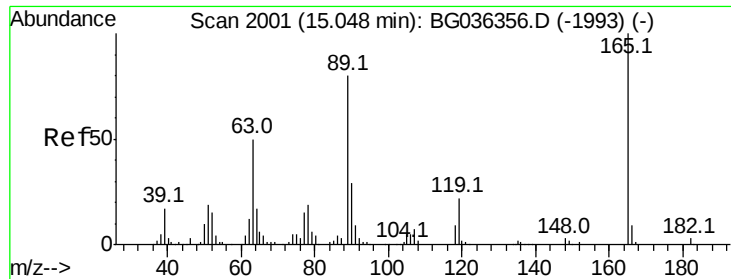
#50
 2,6-Dinitrotoluene
 Concen: 7.435 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	2.8	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

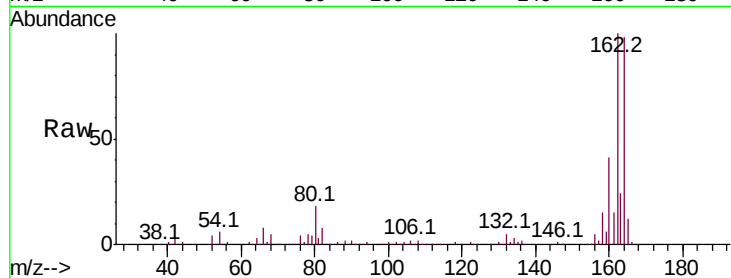




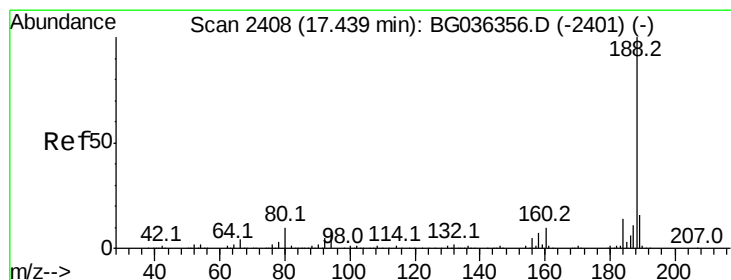
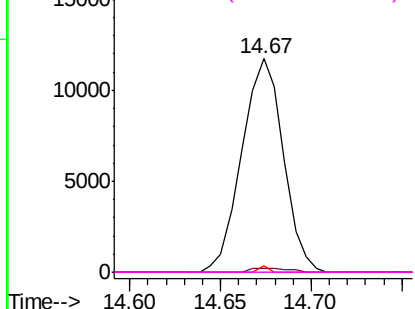
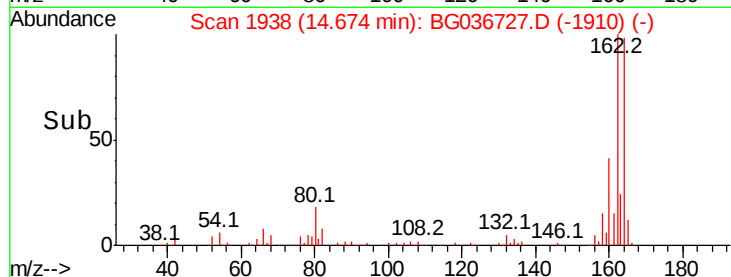
#56
 2,4-Dinitrotoluene
 Concen: 5.705 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	2.8	63.7	95.5#
182	0.0	2.5	3.7#

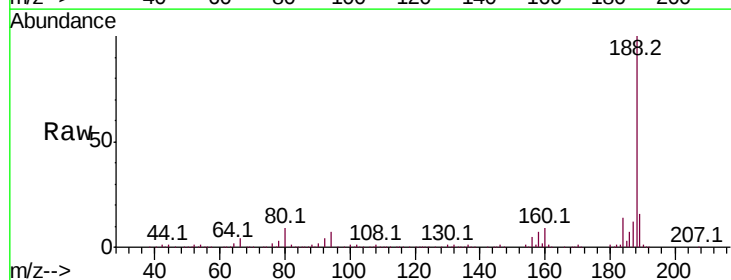


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

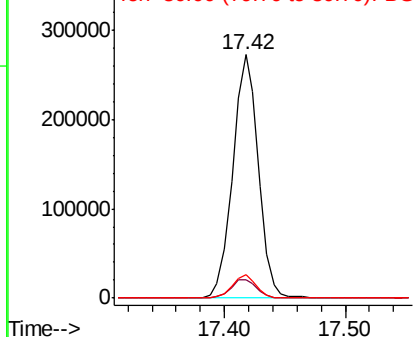
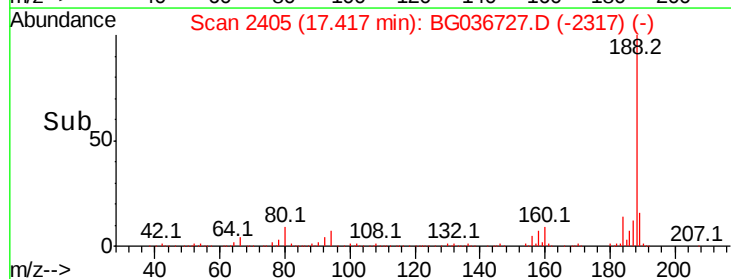


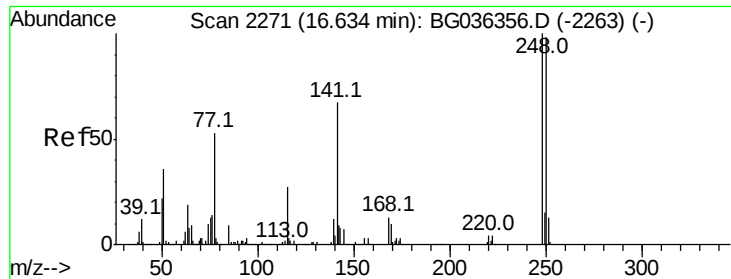
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	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): BG
 Ion 80.00 (79.70 to 80.70): BG

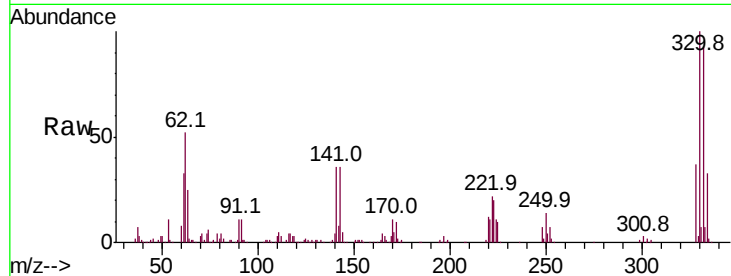




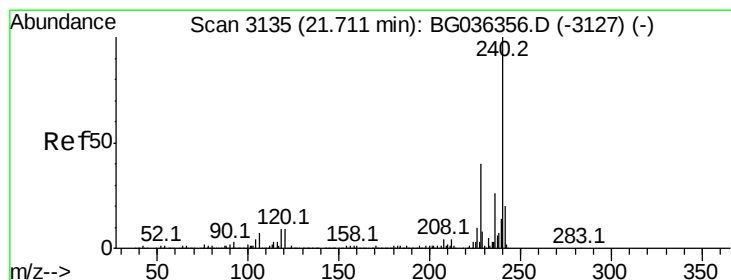
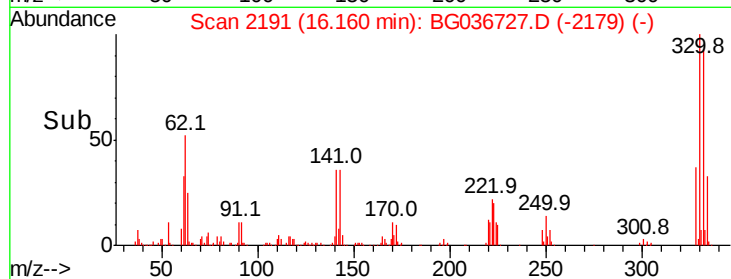
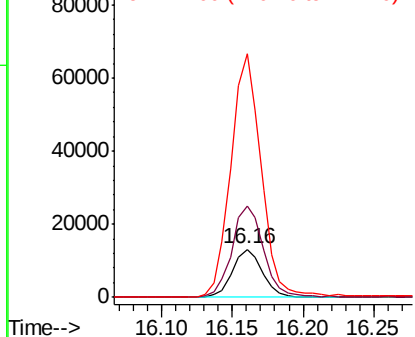
#66
4-Bromophenyl-phenylether
Concen: 4.180 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19590
Ion Ratio Lower Upper
248 100
250 189.3 78.1 117.1#
141 508.0 53.7 80.5#

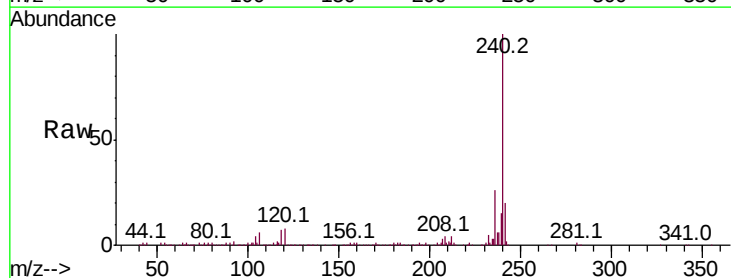


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

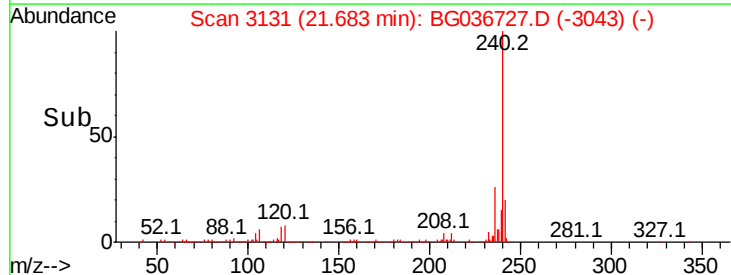
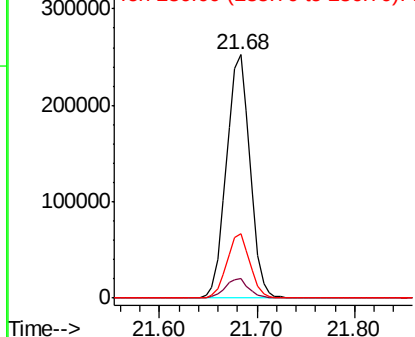


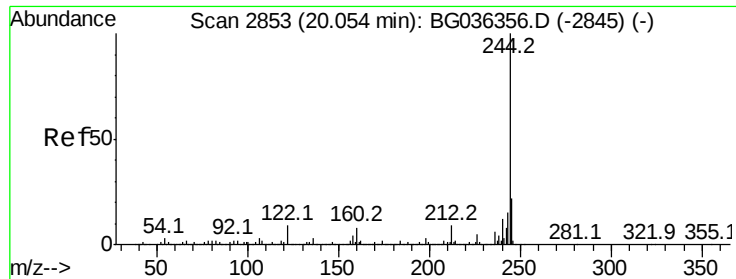
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Tgt Ion:240 Resp: 422952
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.5 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





#78

Terphenyl-d14

Concen: 87.864 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Instrument :

BNA_G

ClientSampled :

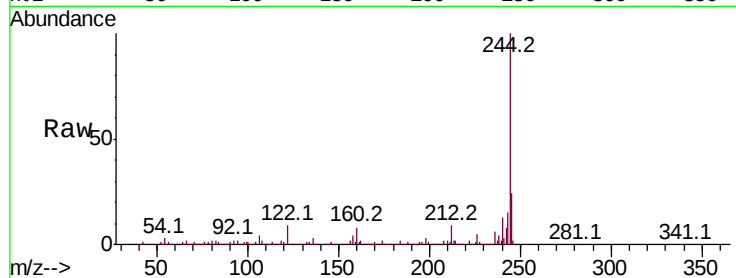
Tot Ion:244 Resp: 1589932

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.1	7.1	10.7

244 100

212 9.1 7.0 10.6

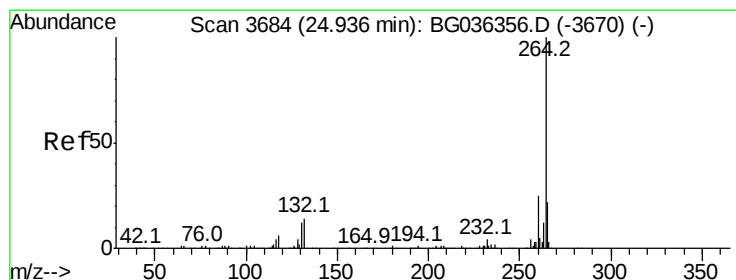
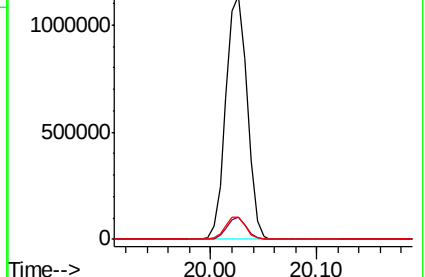
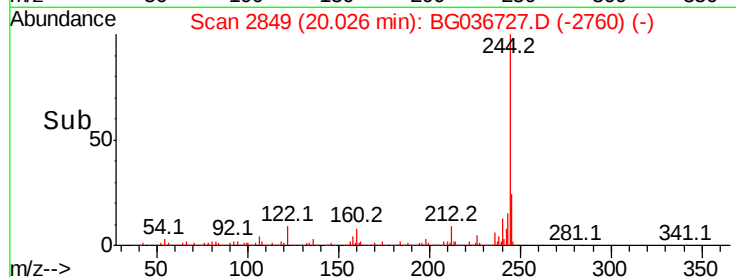
122 9.1 7.1 10.7



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: BG036727.D

Acq: 15 Sep 2018 5:10

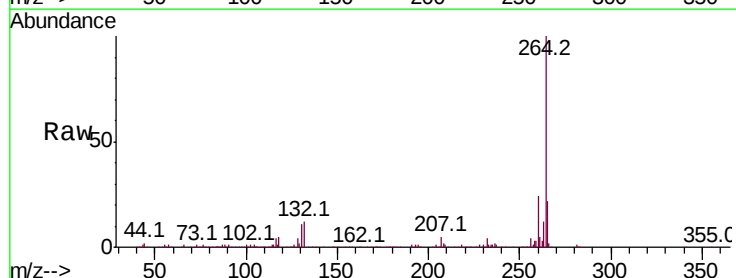
Tgt Ion:264 Resp: 416718

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.9	17.4	26.0

264 100

260 23.7 19.6 29.4

265 21.9 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

