

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036765.D
 Acq On : 17 Sep 2018 21:59
 Operator : JU/SJ
 Sample : PB112891TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:47:08 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

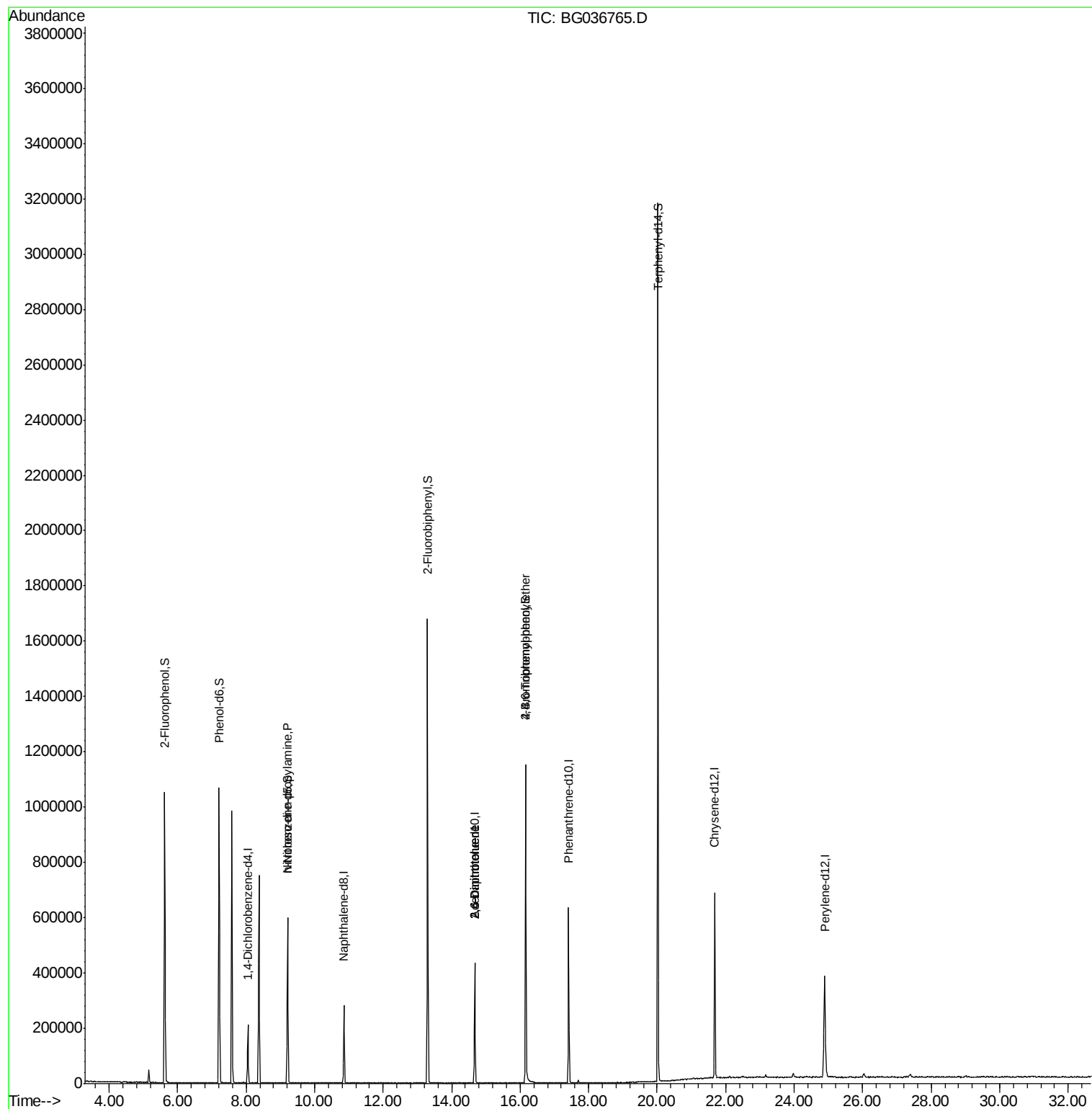
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58122	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	234792	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	152309	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	407194	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	415453	20.00	ng	-0.01
86) Perylene-d12	24.89	264	403555	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	434663	118.63	ng	0.00
7) Phenol-d6	7.21	99	593580	113.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	367771	84.99	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	224970	123.79	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	856217	80.27	ng	-0.01
78) Terphenyl-d14	20.02	244	1468305	82.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47862	12.208	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	19382	7.574	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	19382	5.811	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	15840	3.323	ng	# 1

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

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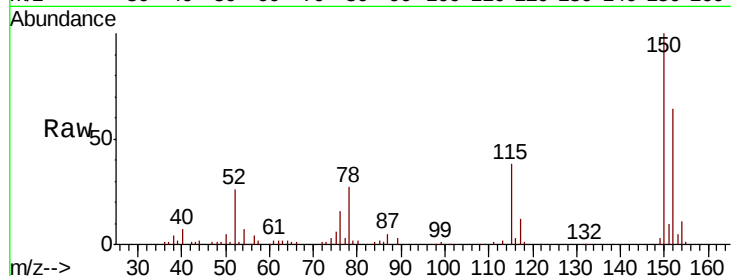


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036765.D
 Acq: 17 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	59.2	44.5	66.7

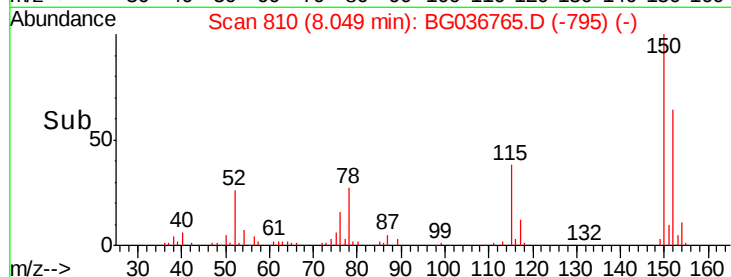
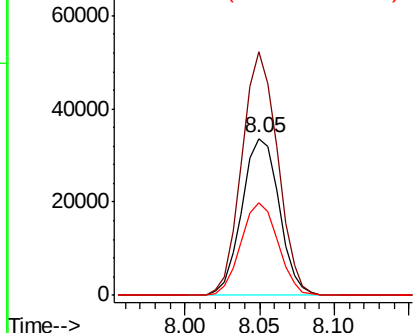


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

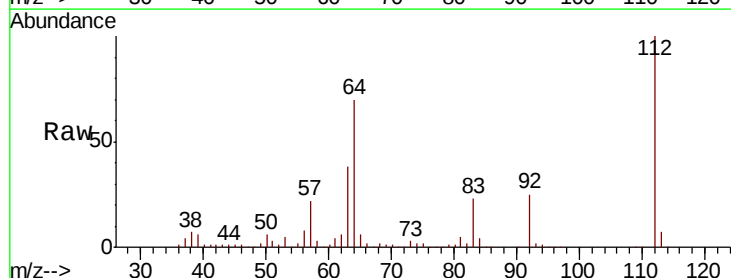
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.630 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036765.D
 Acq: 17 Sep 2018 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.2	85.8
63	37.7	30.8	46.2

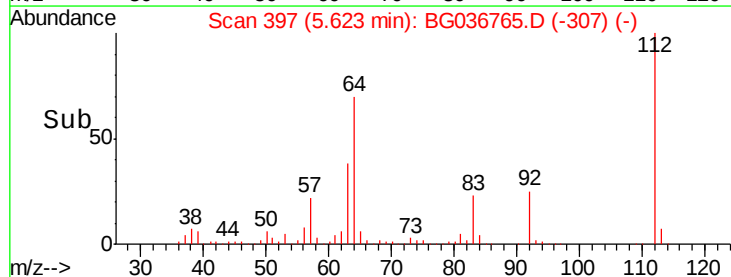
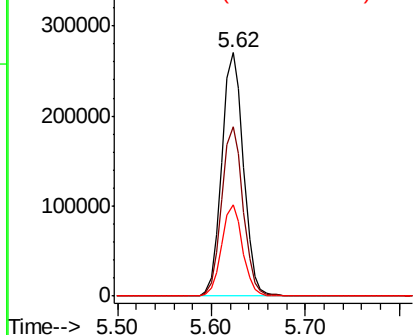


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.150 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036765.D

Acq: 17 Sep 2018 21:59

Instrument :

BNA_G

ClientSampleId :

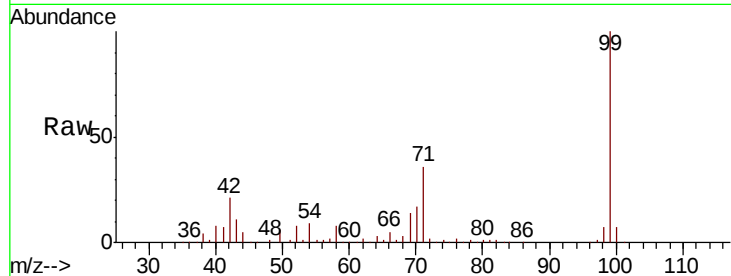
Tot Ion: 99 Resp: 593580

Ion Ratio Lower Upper

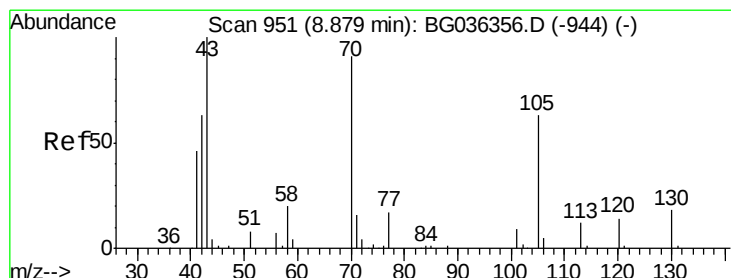
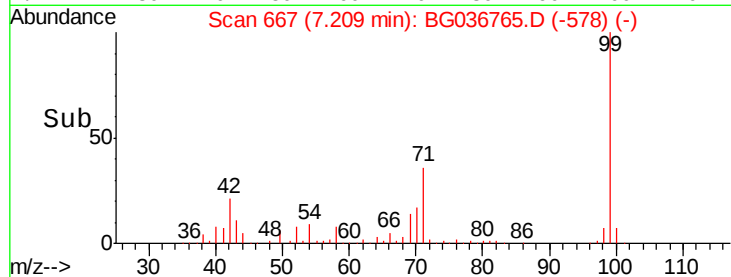
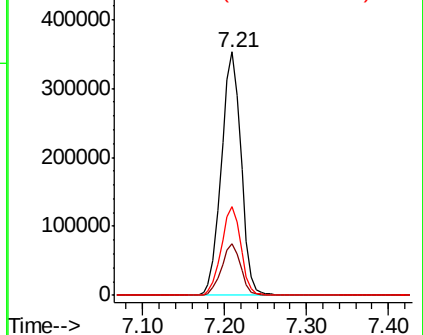
99 100

42 21.0 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: 12.208 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036765.D

Acq: 17 Sep 2018 21:59

Tgt Ion: 70 Resp: 47862

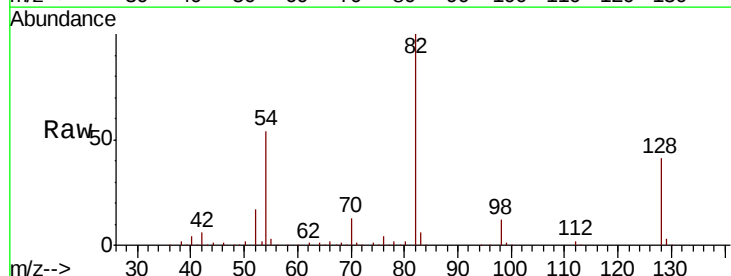
Ion Ratio Lower Upper

70 100

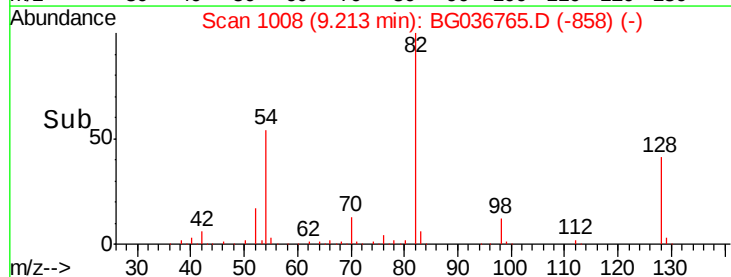
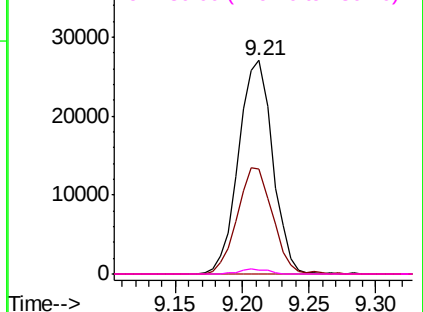
42 49.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 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

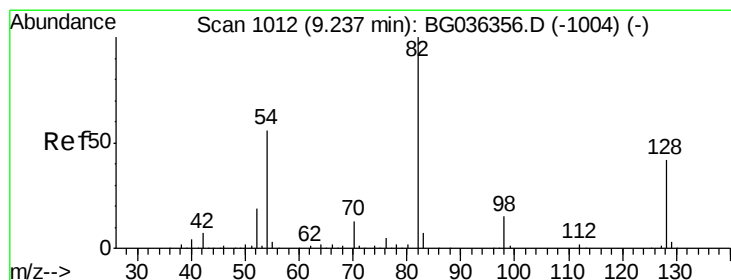
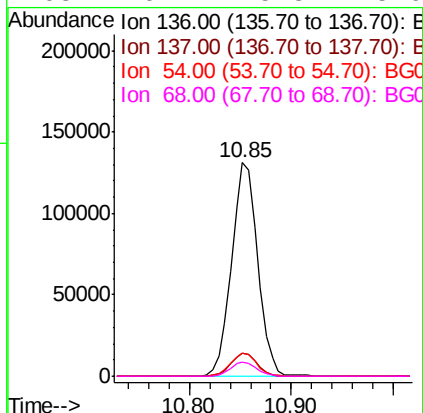
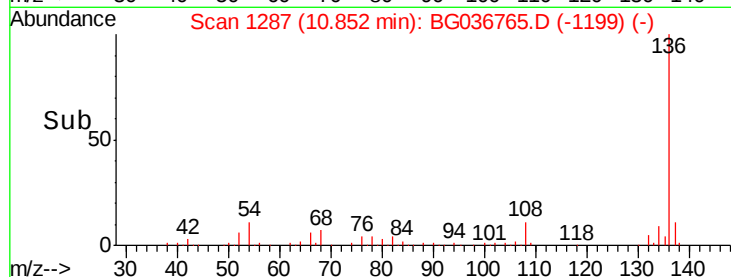
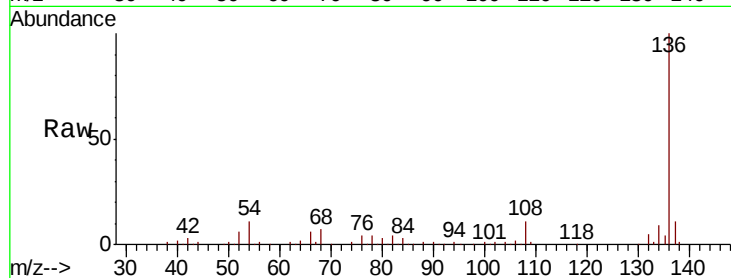




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

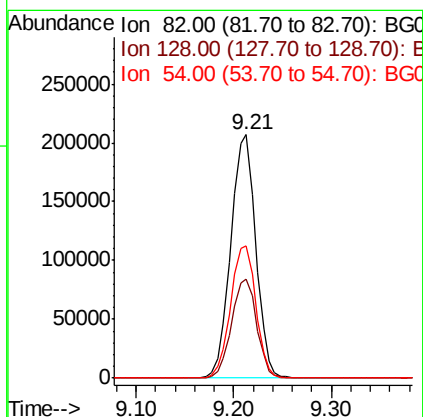
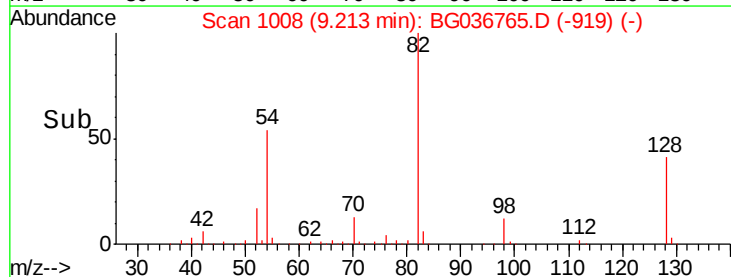
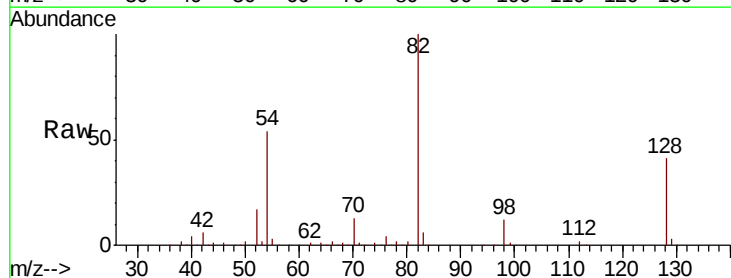
Instrument :
BNA_G
ClientSampleId :

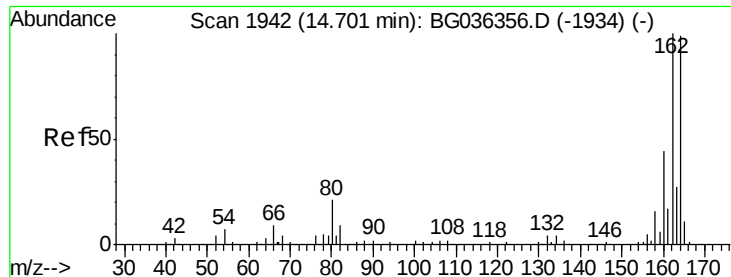
Tot Ion:136	Resp:	234792
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	10.8	9.2 13.8
68	6.7	5.8 8.6



#23
Nitrobenzene-d5
Concen: 84.986 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion: 82	Resp:	367771
Ion	Ratio	Lower Upper
82	100	
128	40.8	33.3 49.9
54	54.2	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036765.D

Acq: 17 Sep 2018 21:59

Instrument :

BNA_G

ClientSampleId :

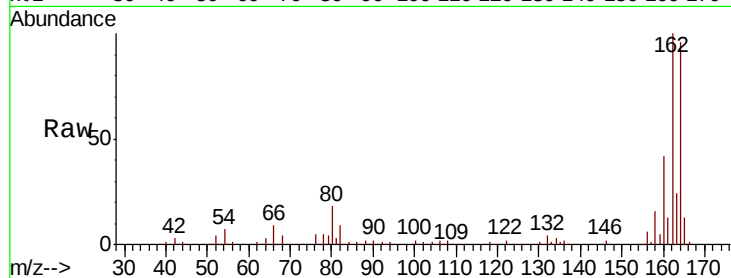
Tot Ion:164 Resp: 152309

Ion Ratio Lower Upper

164 100

162 103.9 80.7 121.1

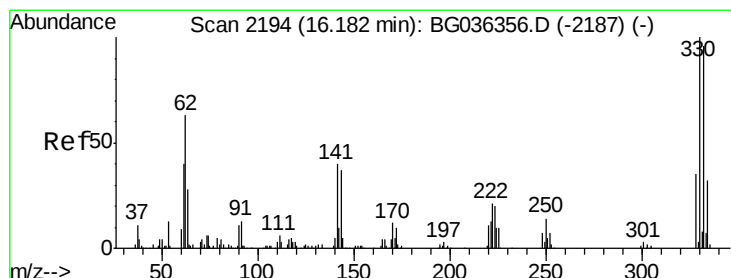
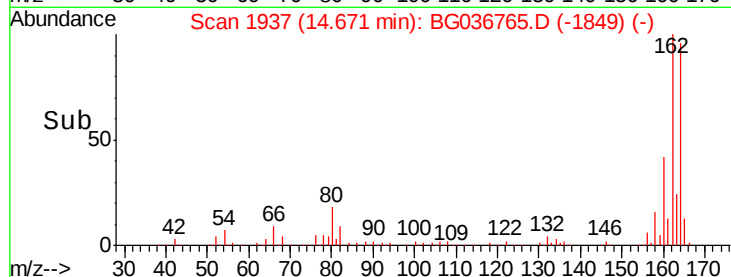
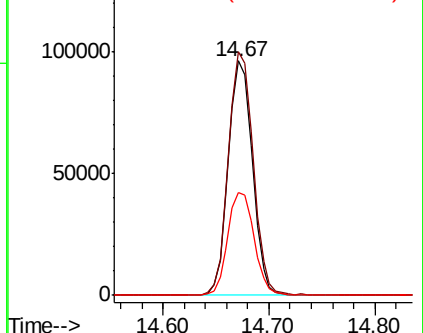
160 44.0 35.3 52.9



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: 123.788 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036765.D

Acq: 17 Sep 2018 21:59

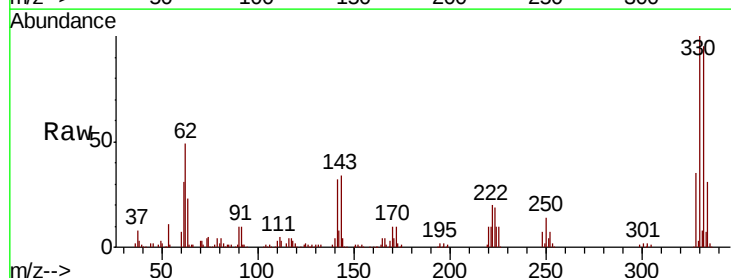
Tgt Ion:330 Resp: 224970

Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.2

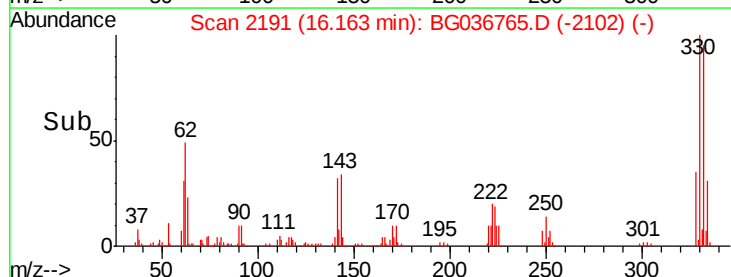
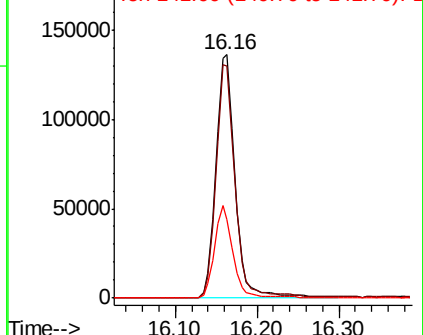
141 36.7 30.7 46.1



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

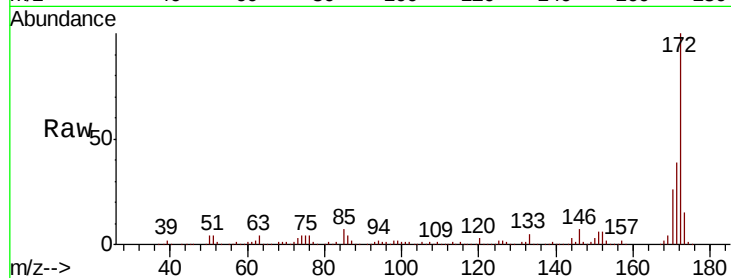




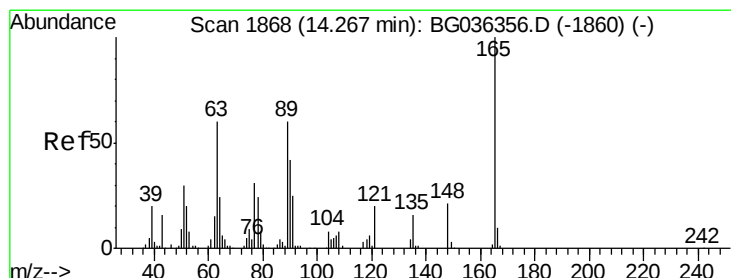
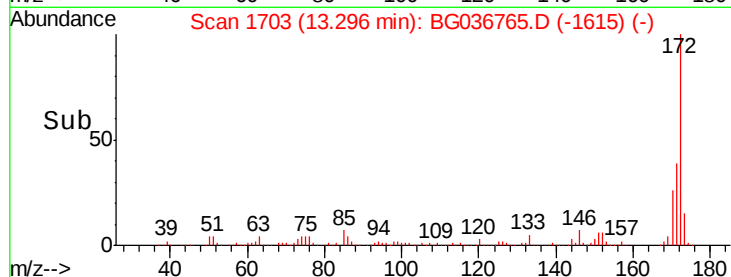
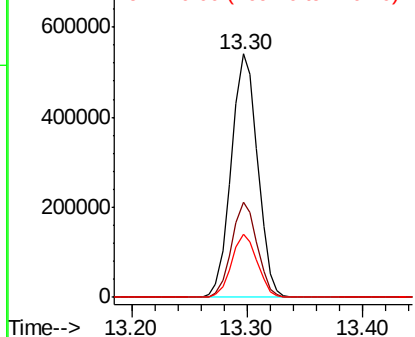
#44
 2-Fluorobiphenyl
 Concen: 80.266 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036765.D
 Acq: 17 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.9	21.0	31.6

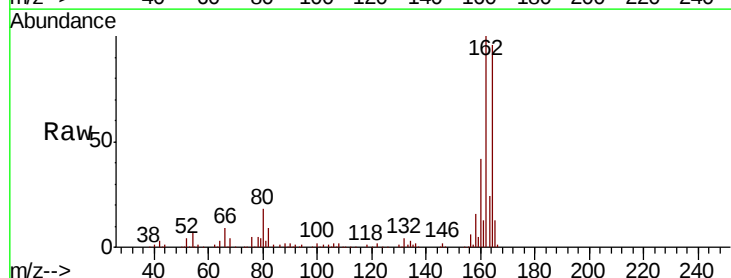


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

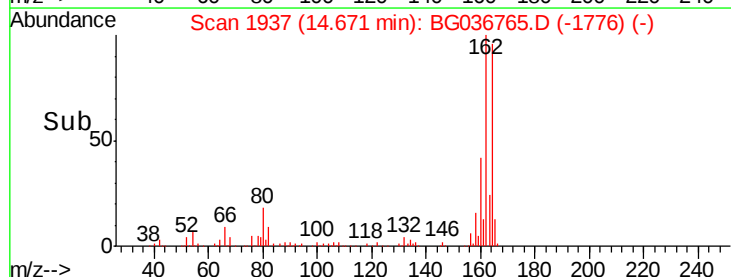
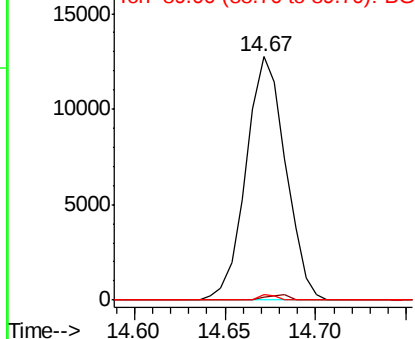


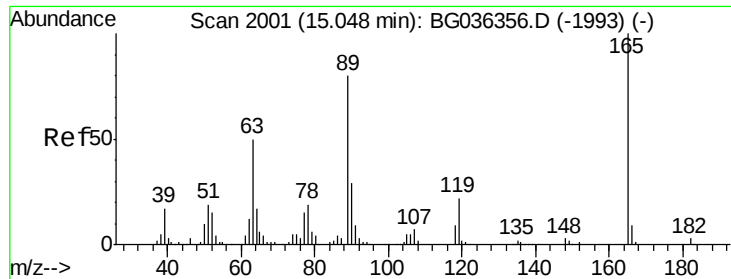
#50
 2,6-Dinitrotoluene
 Concen: 7.574 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036765.D
 Acq: 17 Sep 2018 21:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.1	75.1#
89	2.5	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

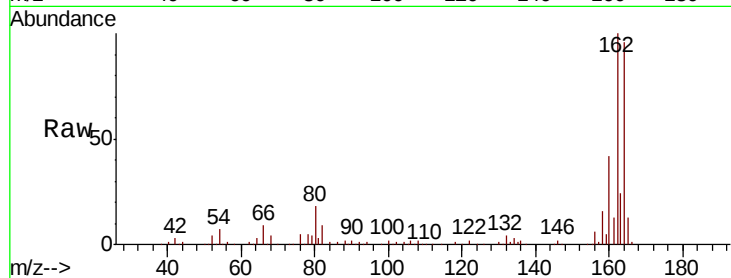




#56
 2,4-Dinitrotoluene
 Concen: 5.811 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036765.D
 Acq: 17 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :

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

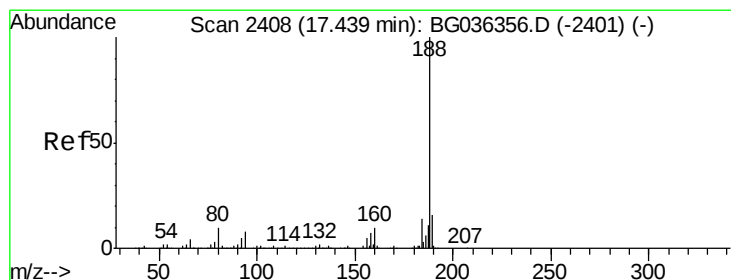
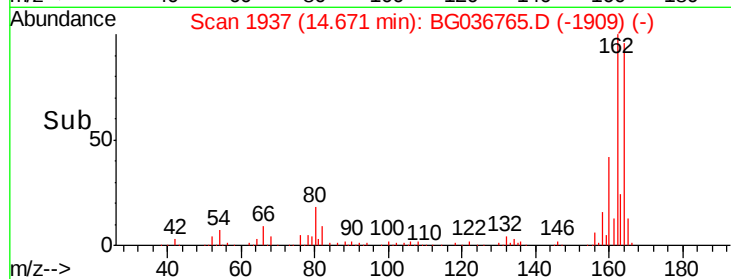
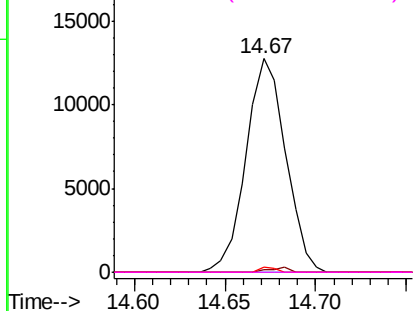


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

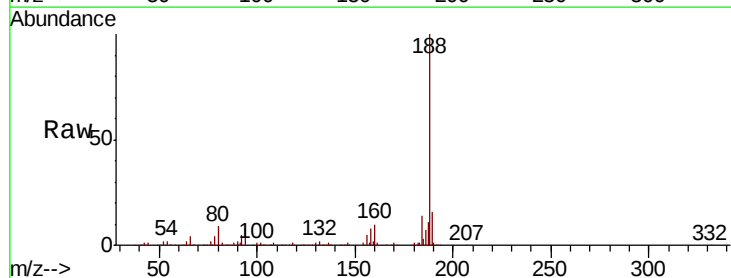
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036765.D
 Acq: 17 Sep 2018 21:59

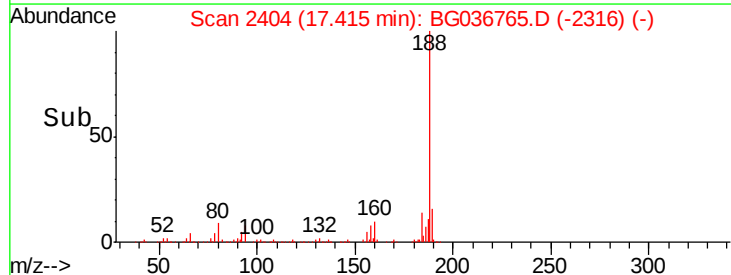
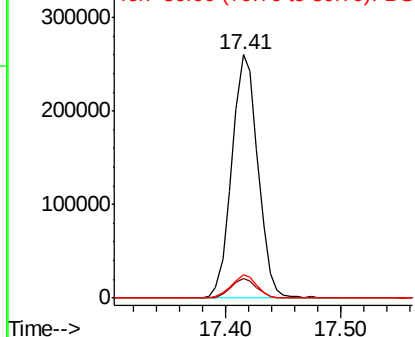
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.4	8.1	12.1

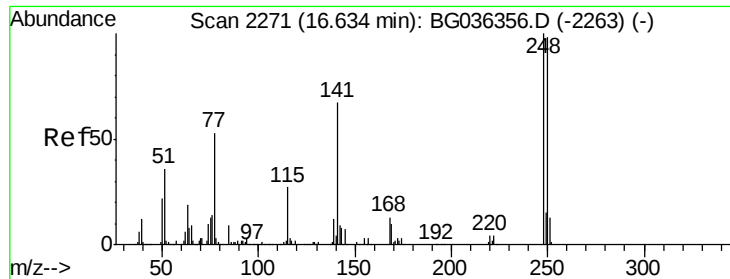


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

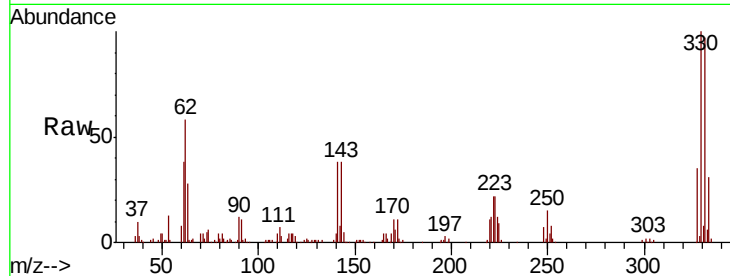




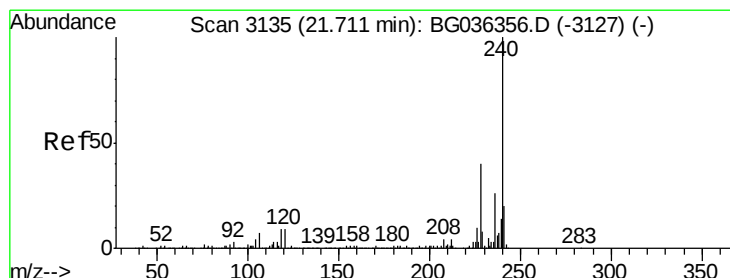
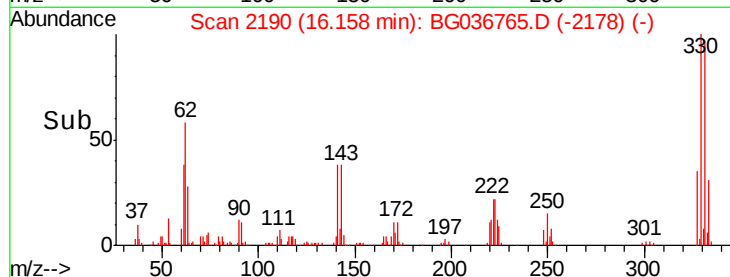
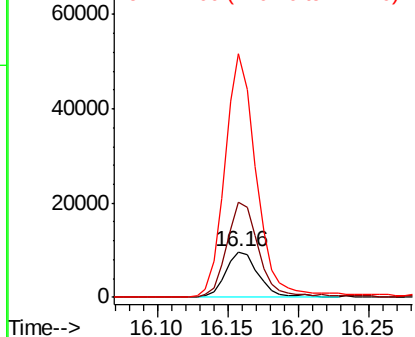
#66
4-Bromophenyl-phenylether
Concen: 3.323 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15840
Ion Ratio Lower Upper
248 100
250 209.0 78.1 117.1#
141 535.2 53.7 80.5#

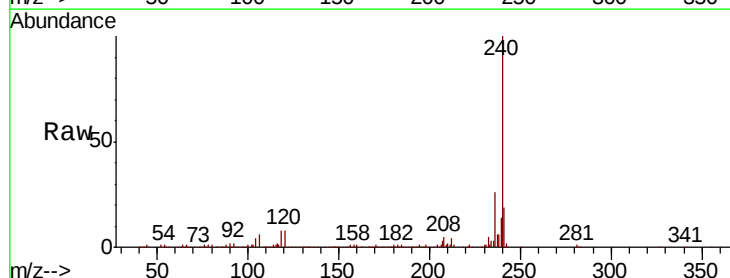


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

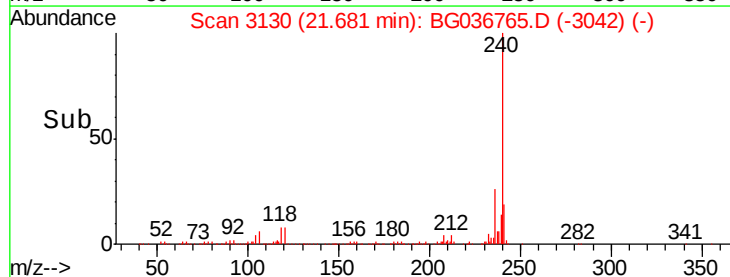
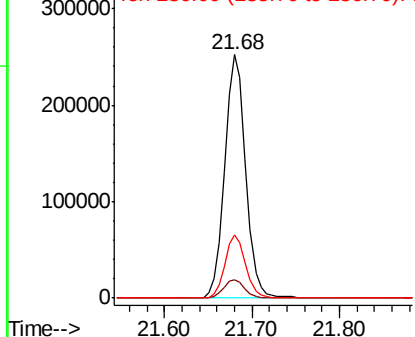


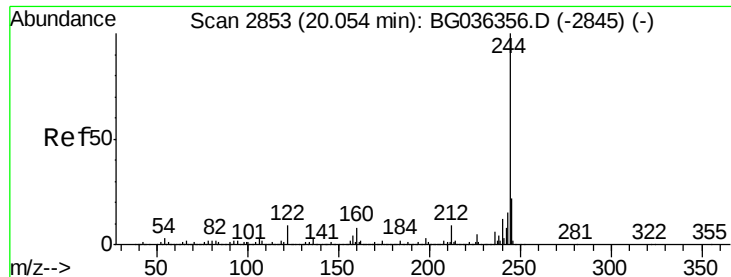
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:240 Resp: 415453
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 25.8 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: 82.607 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036765.D

Acq: 17 Sep 2018 21:59

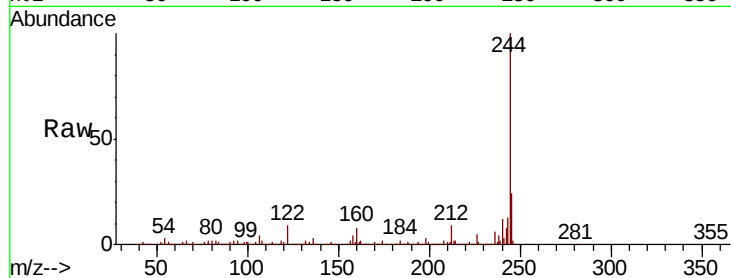
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1468305

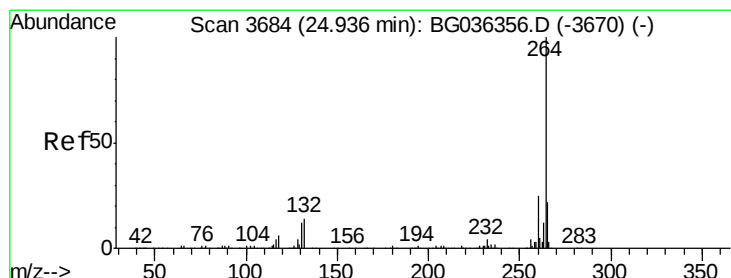
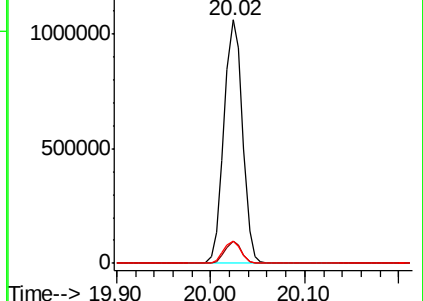
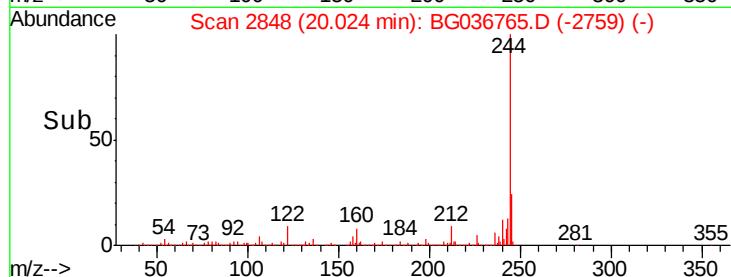
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.3	7.1	10.7



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

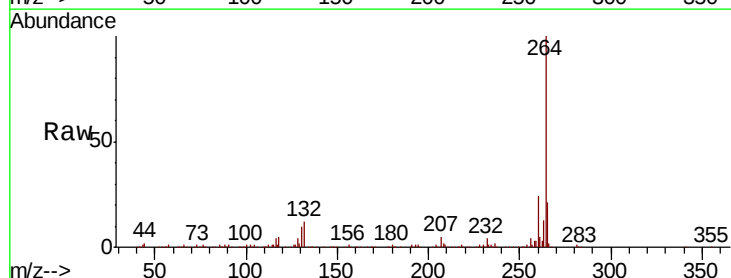
Delta R.T. -0.01 min

Lab File: BG036765.D

Acq: 17 Sep 2018 21:59

Tgt Ion:264 Resp: 403555

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.8	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

