

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036528.D
 Acq On : 4 Sep 2018 12:37
 Operator : JU/SJ
 Sample : J4712-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 14:02:41 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

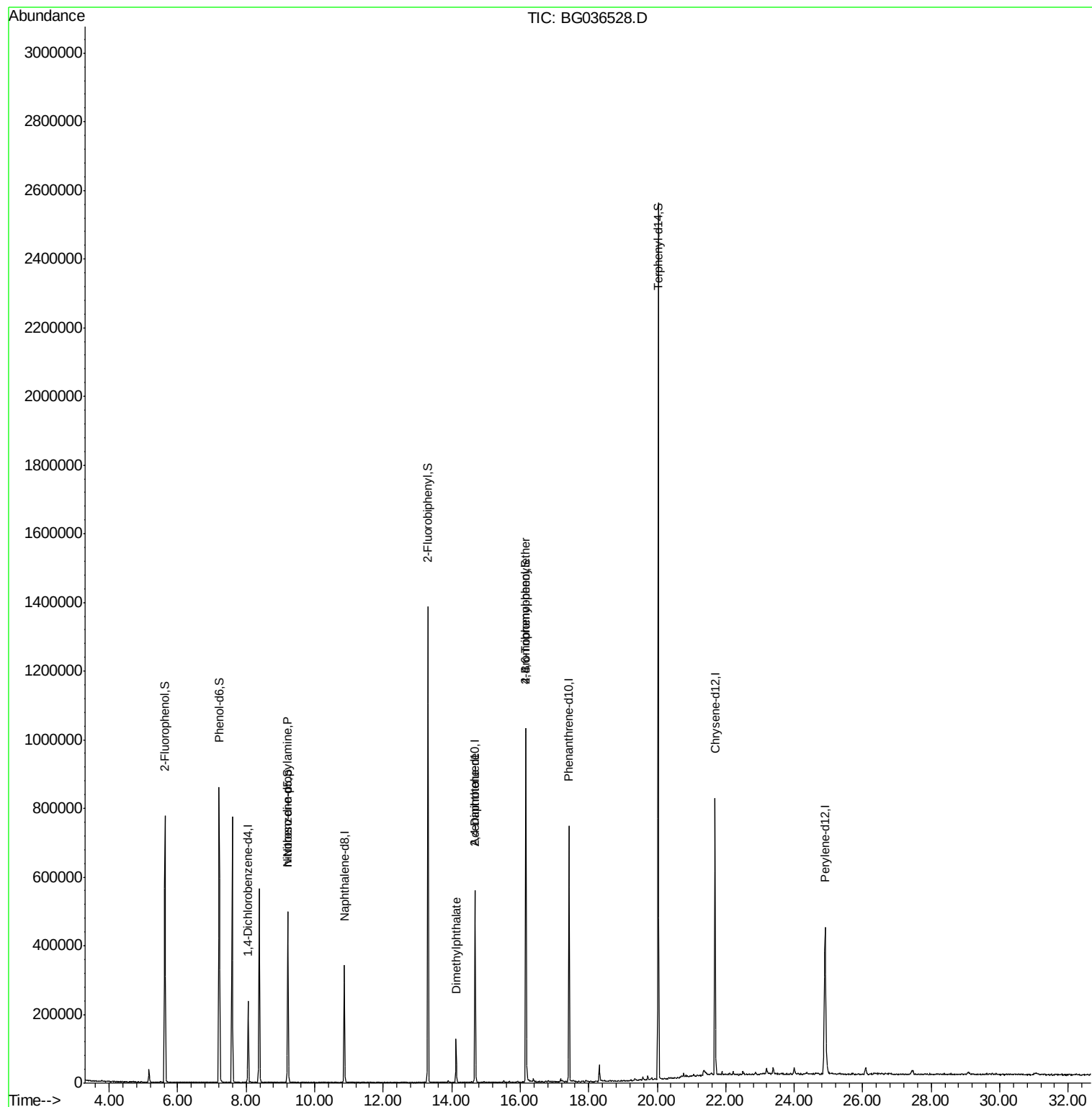
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68028	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	288919	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	189175	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	478169	20.00	ng	0.00
75) Chrysene-d12	21.69	240	510008	20.00	ng	0.00
86) Perylene-d12	24.90	264	504856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	343189	80.03	ng	0.00
7) Phenol-d6	7.21	99	499918	81.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	290846	54.62	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	194437	86.14	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	710961	53.66	ng	0.00
78) Terphenyl-d14	20.03	244	1217465	55.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	37705	8.217	ng	# 70
49) Dimethylphthalate	14.13	163	88880	5.754	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	24474	5.908	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	13503	2.412	ng	# 1

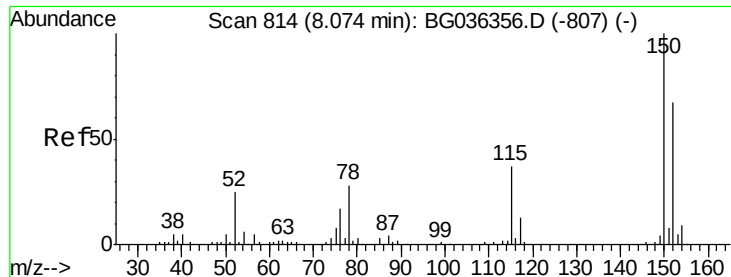
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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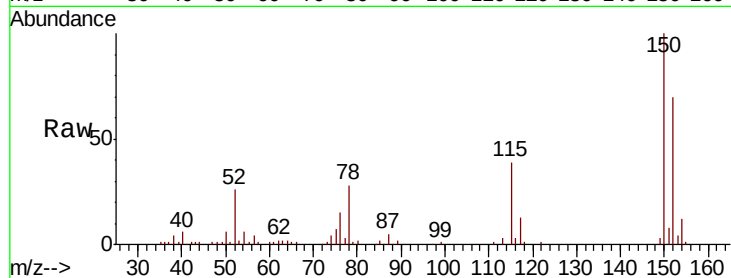


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036528.D
 Acq: 4 Sep 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	152	Resp	68028
Ion Ratio	100	Lower	Upper
152	100		
150	142.6	119.5	179.3
115	55.4	44.5	66.7

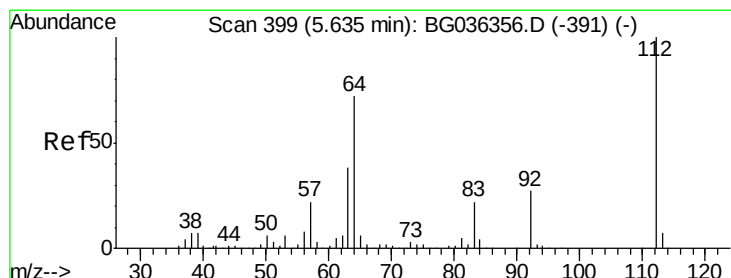
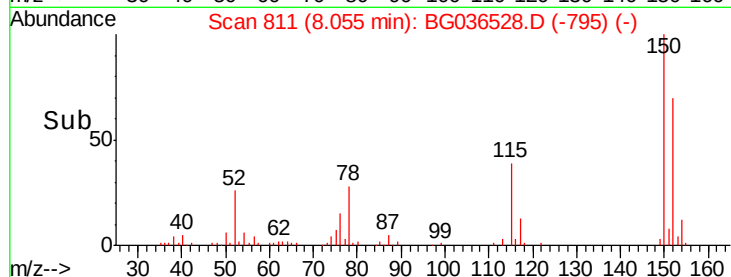
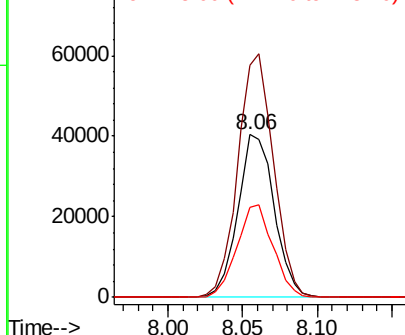


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

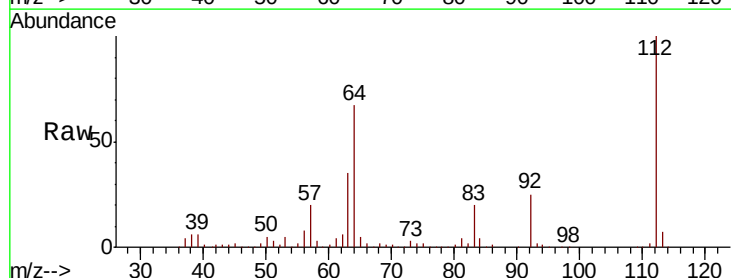
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 80.026 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036528.D
 Acq: 4 Sep 2018 12:37

Tgt Ion	112	Resp	343189
Ion Ratio	100	Lower	Upper
112	100		
64	66.9	57.2	85.8
63	34.9	30.8	46.2

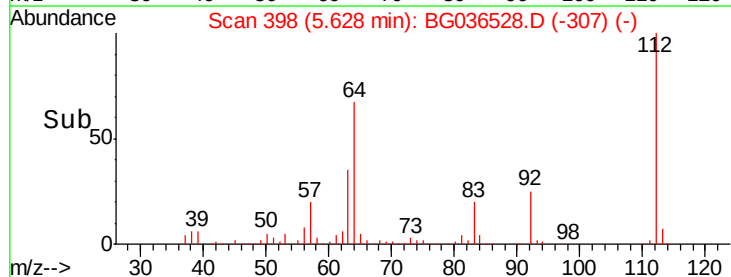
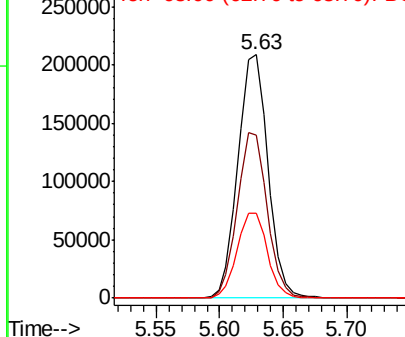


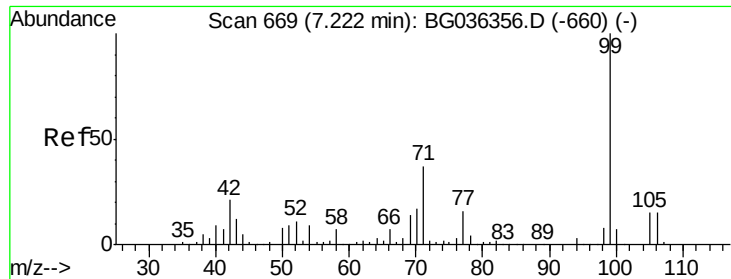
Abundance

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: 81.419 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036528.D

Acq: 4 Sep 2018 12:37

Instrument :

BNA_G

ClientSampleId :

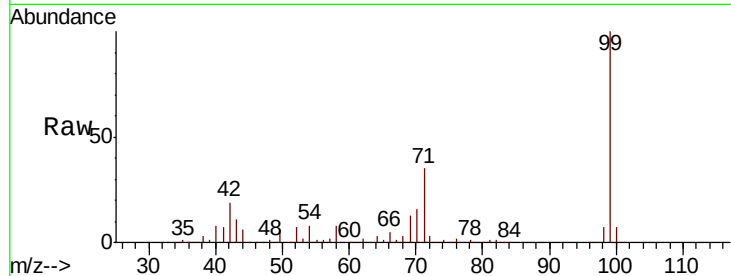
Tot Ion: 99 Resp: 499918

Ion Ratio Lower Upper

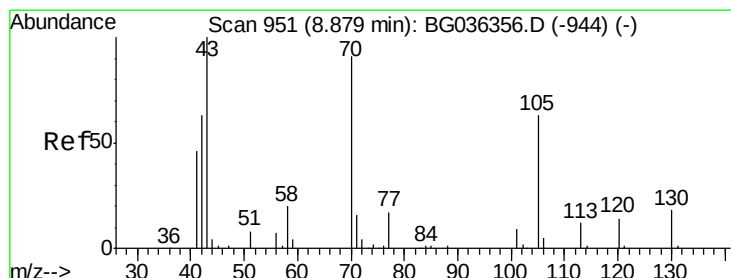
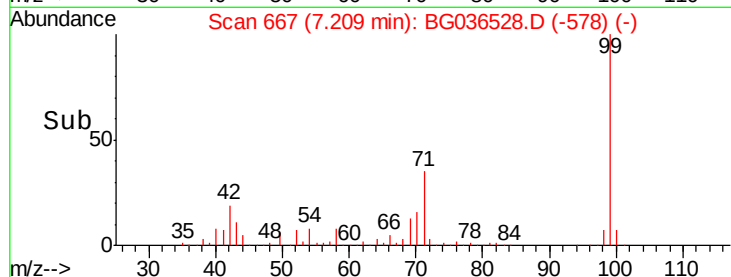
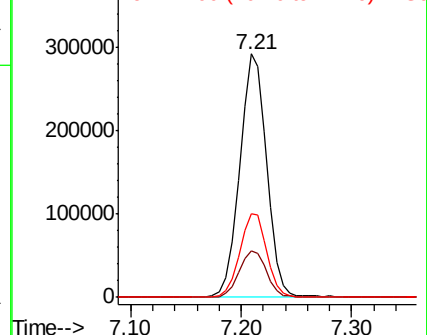
99 100

42 19.1 16.5 24.7

71 34.6 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: 8.217 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036528.D

Acq: 4 Sep 2018 12:37

Tgt Ion: 70 Resp: 37705

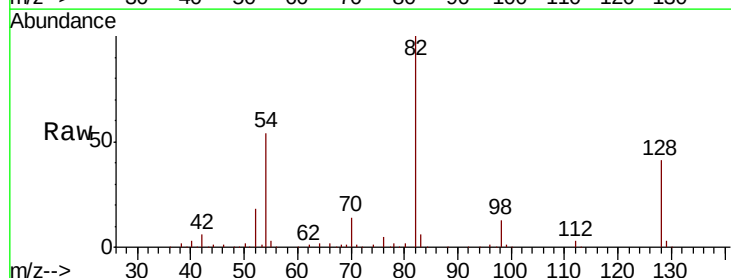
Ion Ratio Lower Upper

70 100

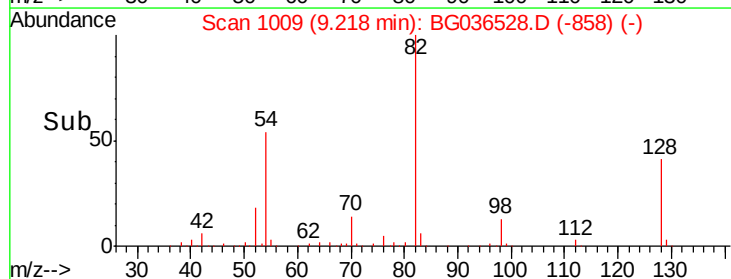
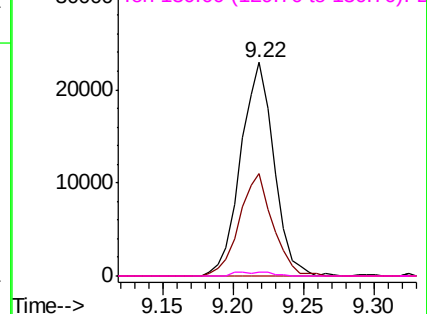
42 47.7 56.2 84.4#

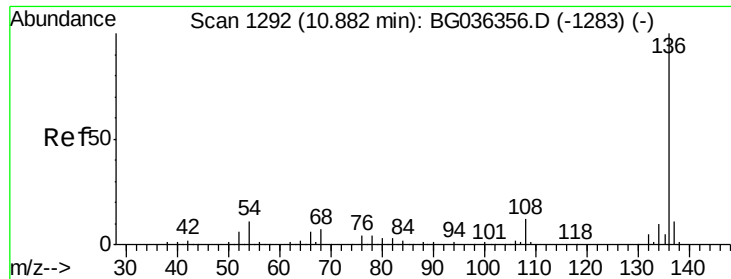
101 0.0 7.8 11.6#

130 1.8 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

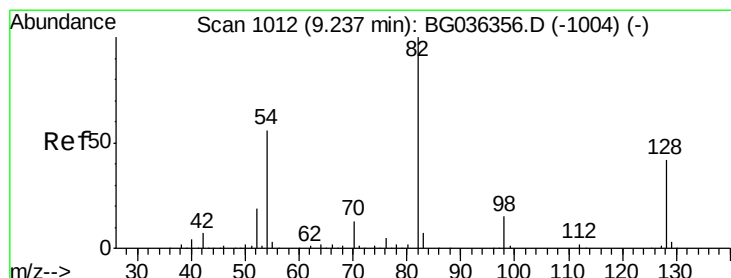
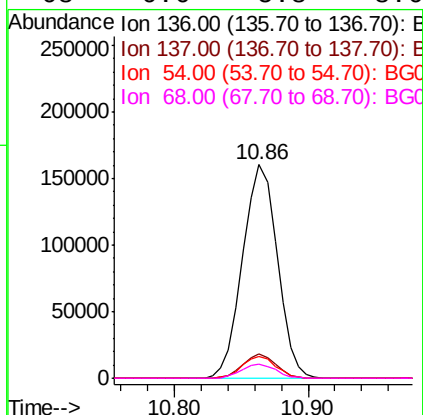
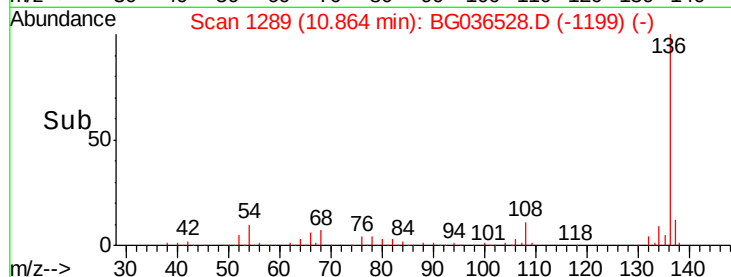
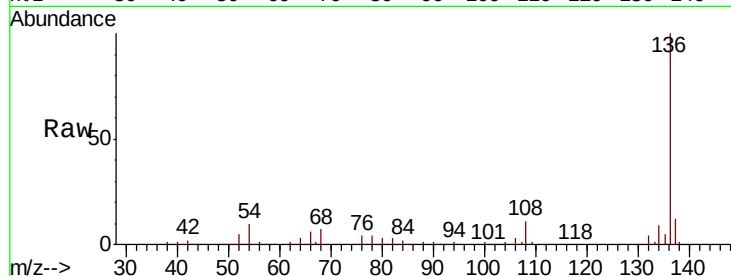




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036528.D
Acq: 4 Sep 2018 12:37

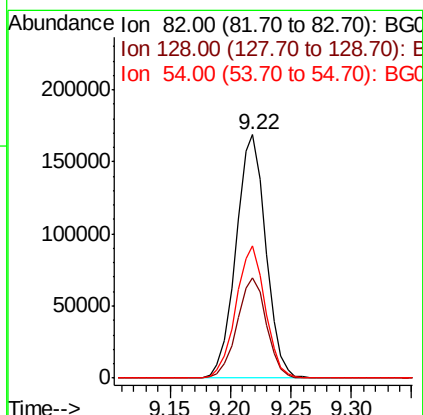
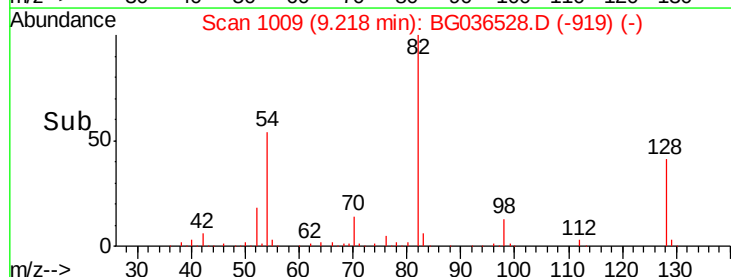
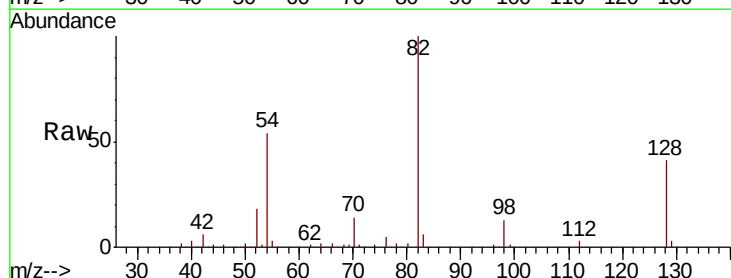
Instrument :
BNA_G
ClientSampleId :

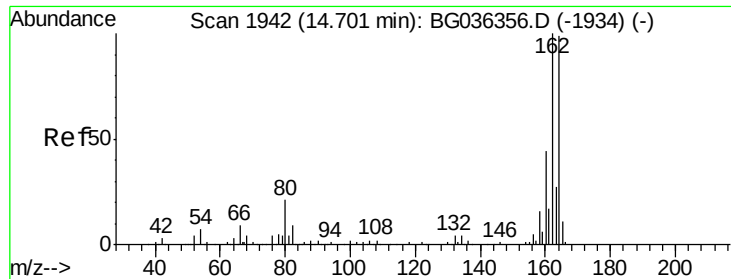
Tot Ion:136	Resp:	288919
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.8 13.2
54	10.2	9.2 13.8
68	6.6	5.8 8.6



#23
Nitrobenzene-d5
Concen: 54.619 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036528.D
Acq: 4 Sep 2018 12:37

Tgt Ion: 82	Resp:	290846
Ion	Ratio	Lower Upper
82	100	
128	41.3	33.3 49.9
54	54.5	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036528.D

Acq: 4 Sep 2018 12:37

Instrument :

BNA_G

ClientSampleId :

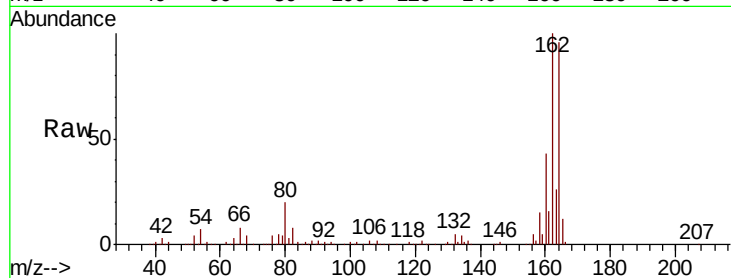
Tot Ion:164 Resp: 189175

Ion Ratio Lower Upper

164 100

162 104.4 80.7 121.1

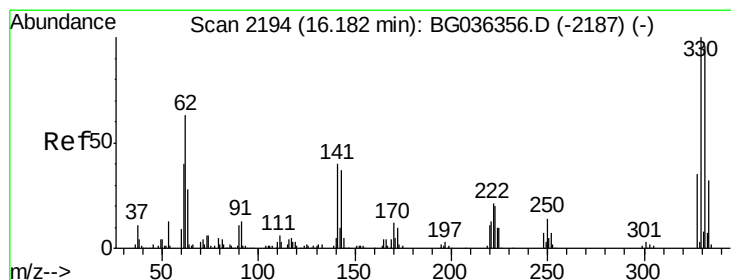
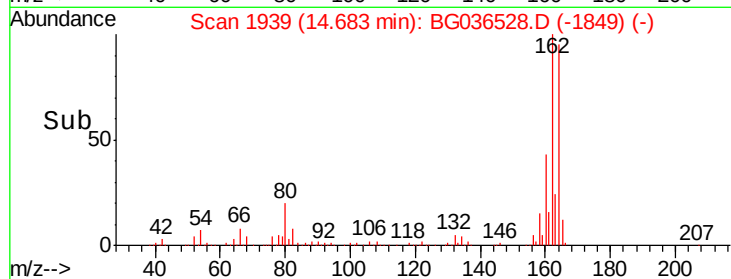
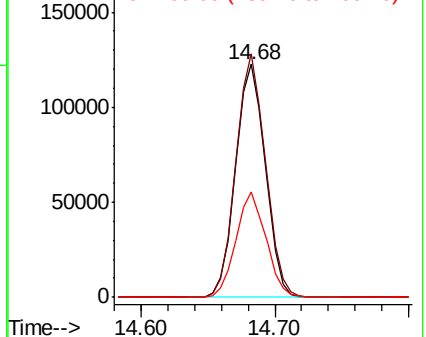
160 45.2 35.3 52.9



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: 86.138 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036528.D

Acq: 4 Sep 2018 12:37

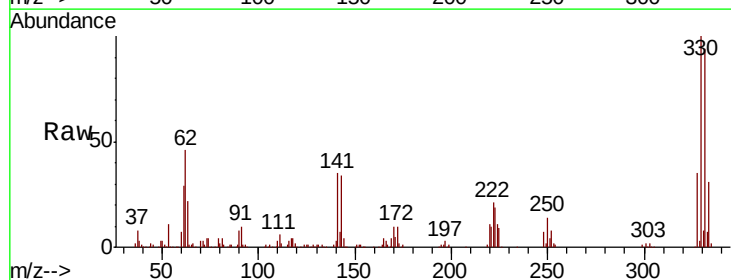
Tgt Ion:330 Resp: 194437

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.2

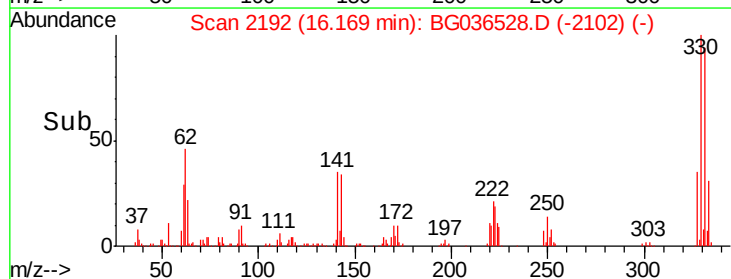
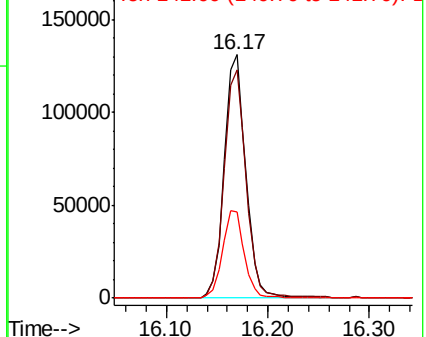
141 36.0 30.7 46.1

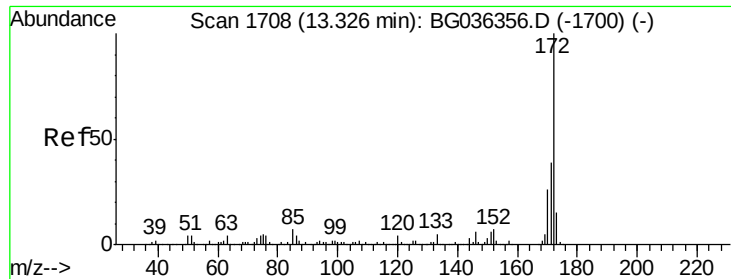


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

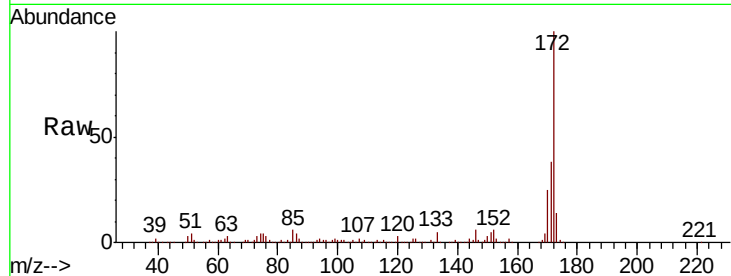




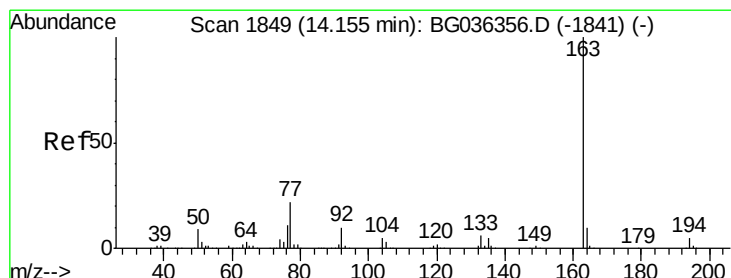
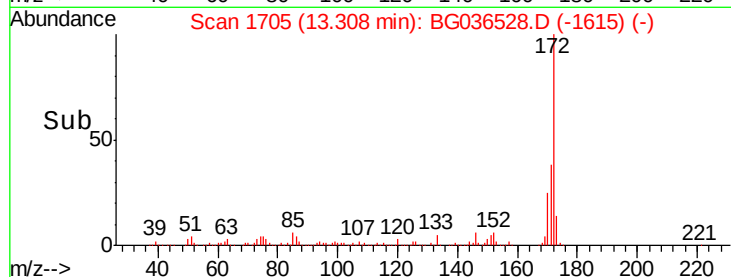
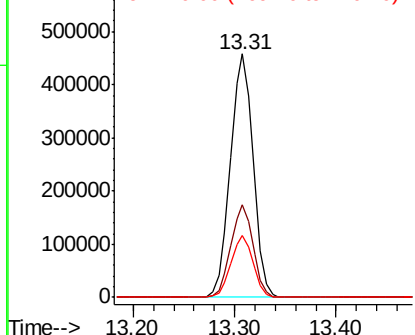
#44
2-Fluorobiphenyl
Concen: 53.661 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036528.D
Acq: 4 Sep 2018 12:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 710961
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 25.5 21.0 31.6

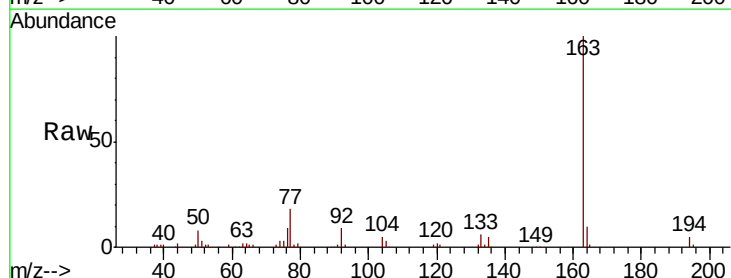


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

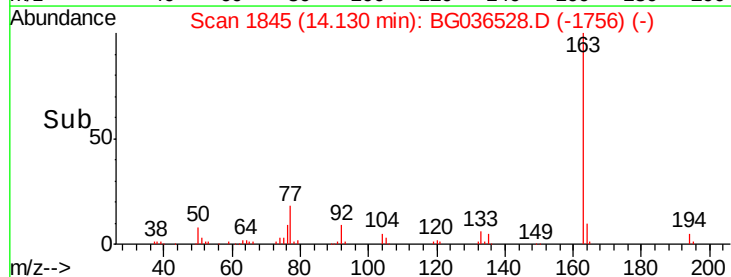
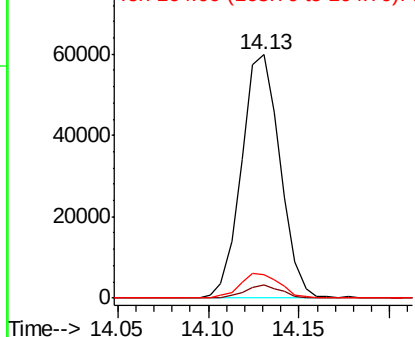


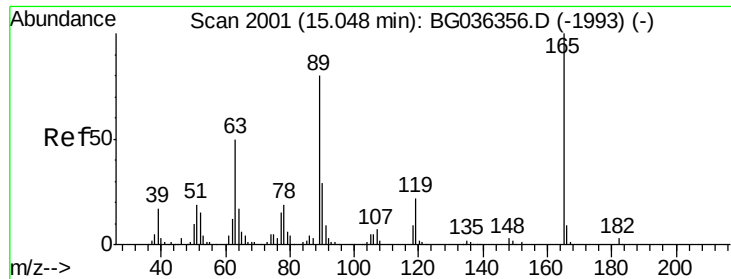
#49
Dimethylphthalate
Concen: 5.754 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036528.D
Acq: 4 Sep 2018 12:37

Tgt Ion:163 Resp: 88880
Ion Ratio Lower Upper
163 100
194 5.2 4.0 6.0
164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

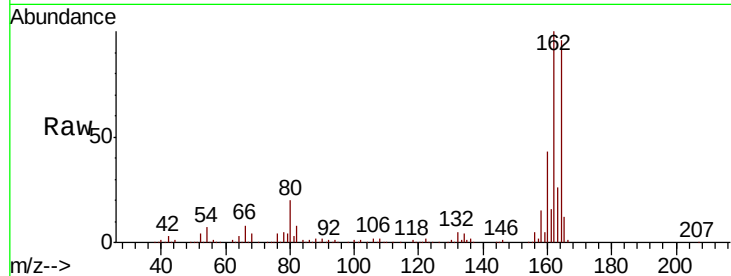




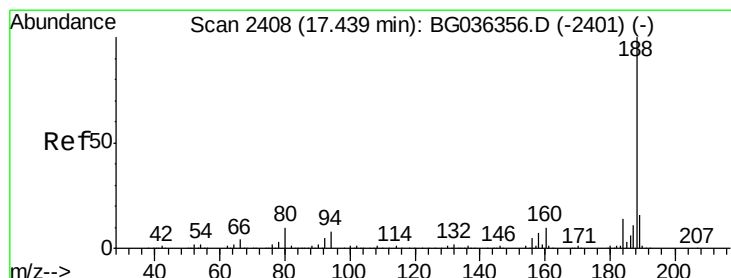
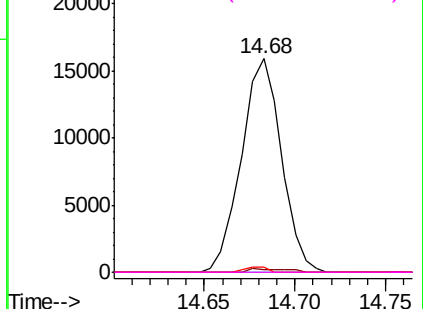
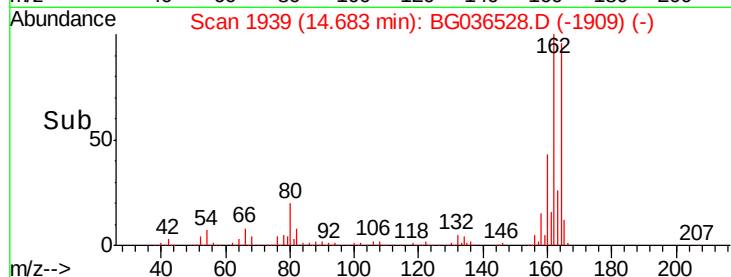
#56
 2,4-Dinitrotoluene
 Concen: 5.908 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036528.D
 Acq: 4 Sep 2018 12:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 24474
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.1 60.1#
 89 2.1 63.7 95.5#
 182 0.0 2.5 3.7#

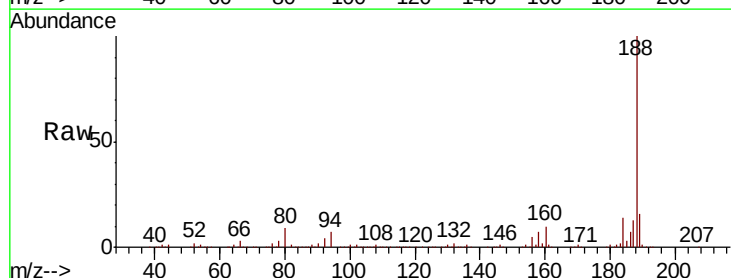


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

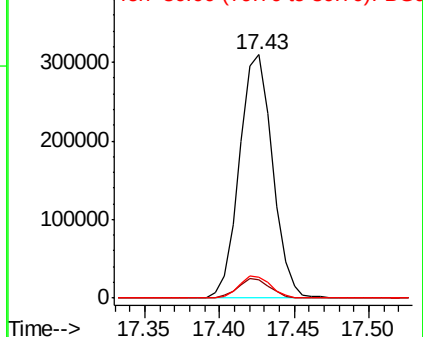
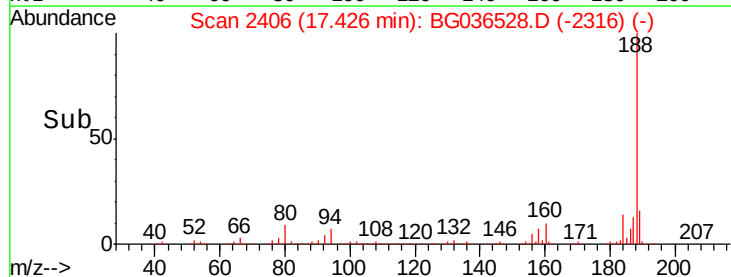


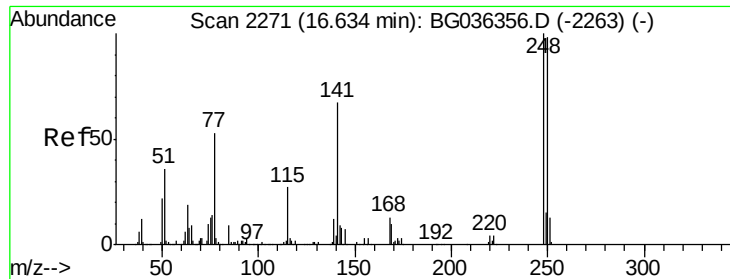
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036528.D
 Acq: 4 Sep 2018 12:37

Tgt Ion:188 Resp: 478169
 Ion Ratio Lower Upper
 188 100
 94 7.3 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

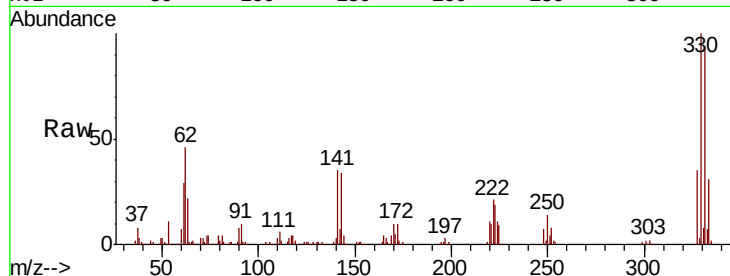




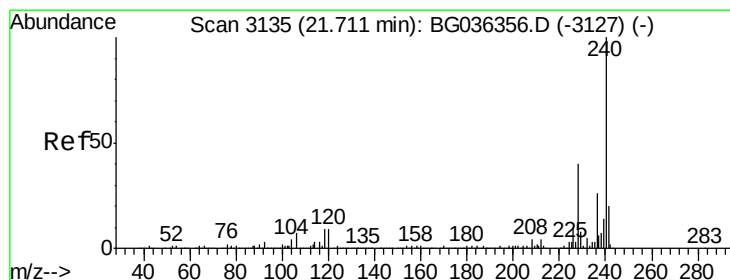
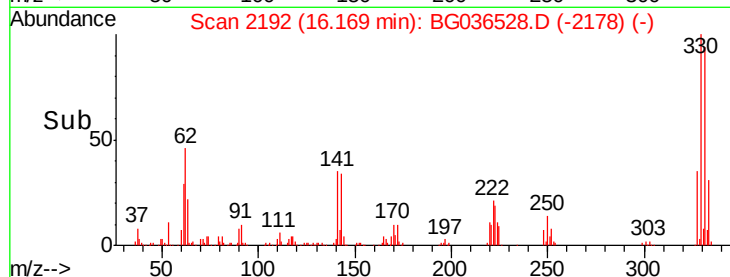
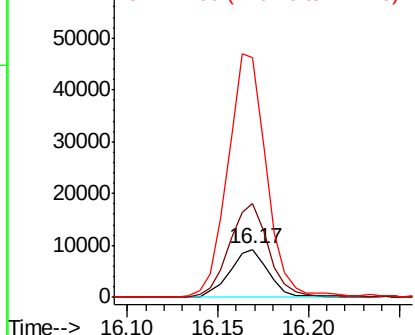
#66
 4-Bromophenyl-phenylether
 Concen: 2.412 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036528.D
 Acq: 4 Sep 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13503
 Ion Ratio Lower Upper
 248 100
 250 195.9 78.1 117.1#
 141 500.6 53.7 80.5#

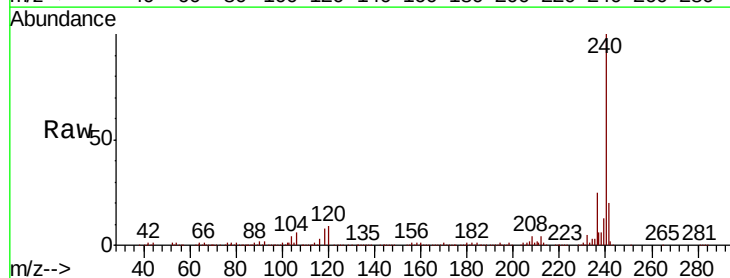


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

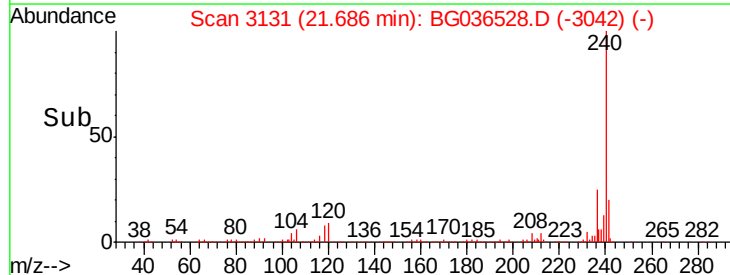
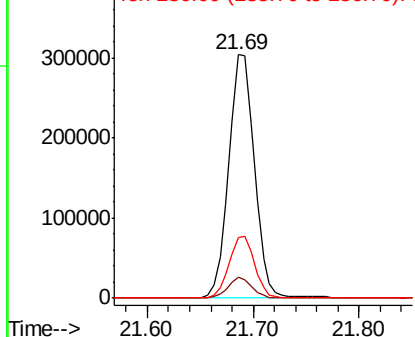


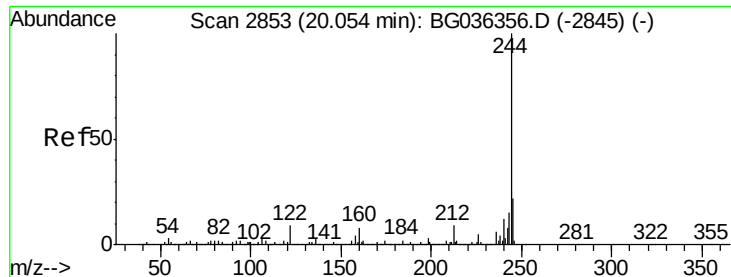
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036528.D
 Acq: 4 Sep 2018 12:37

Tgt Ion:240 Resp: 510008
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.1 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: 55.796 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036528.D

Acq: 4 Sep 2018 12:37

Instrument :

BNA_G

ClientSampled :

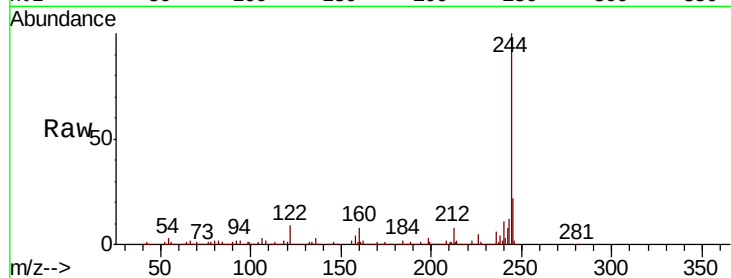
Tot Ion:244 Resp: 1217465

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.3 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

1200000

800000

600000

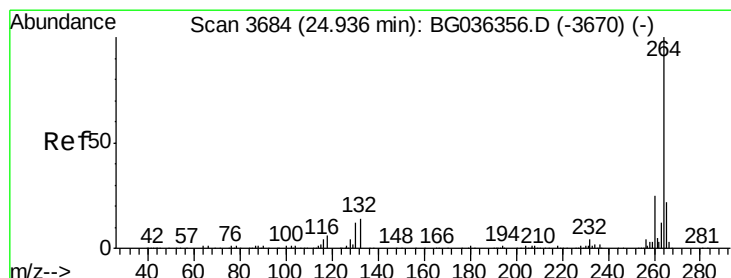
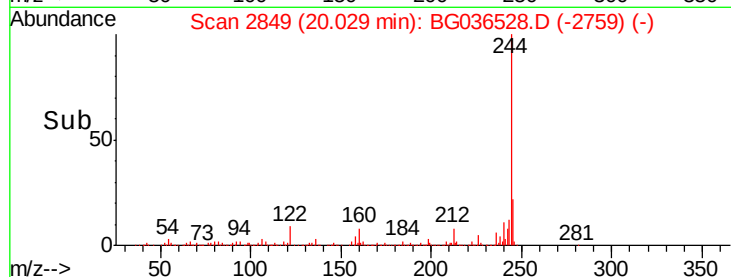
400000

200000

0

20.03

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036528.D

Acq: 4 Sep 2018 12:37

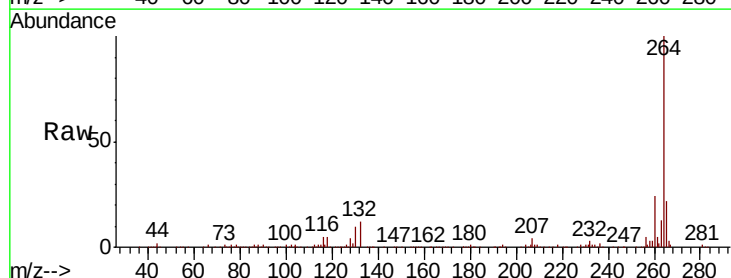
Tgt Ion:264 Resp: 504856

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.8	17.4	26.0

264 100

260 23.8 19.6 29.4

265 21.8 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

200000

150000

100000

50000

0

24.90

Time-->

