

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036798.D
 Acq On : 18 Sep 2018 23:03
 Operator : JU/SJ
 Sample : J4922-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:54:34 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

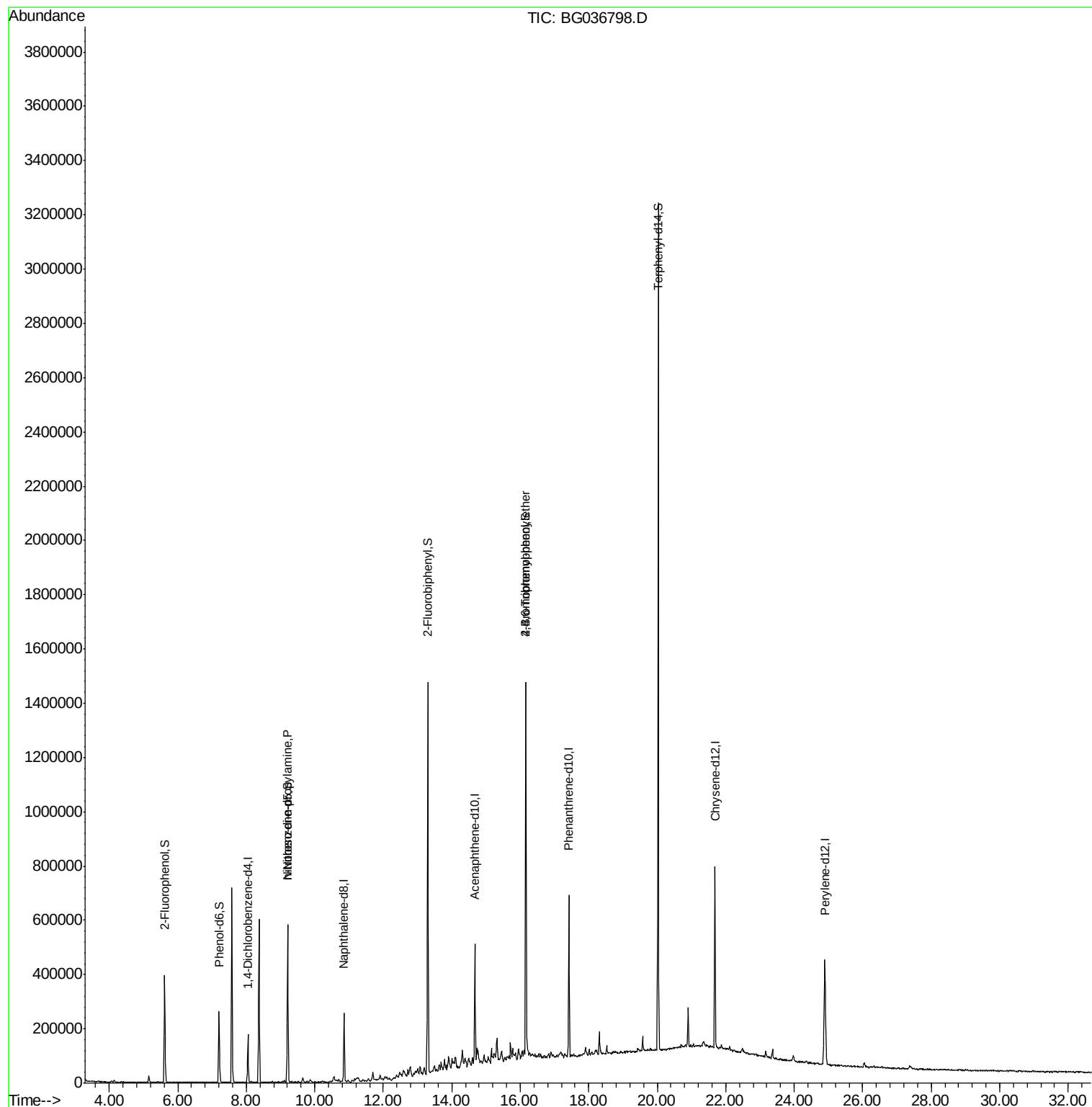
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49576	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	213711	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144522	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	375230	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	400176	20.00	ng	-0.01
86) Perylene-d12	24.89	264	412831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	167808	53.69	ng	0.00
7) Phenol-d6	7.20	99	153026	34.20	ng	-0.02
23) Nitrobenzene-d5	9.21	82	346524	87.98	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	259448	150.45	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	758224	74.91	ng	-0.01
78) Terphenyl-d14	20.03	244	1399102	81.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47432	14.184	ng	# 72
66) 4-Bromophenyl-phenylether	16.16	248	18496	4.210	ng	# 1

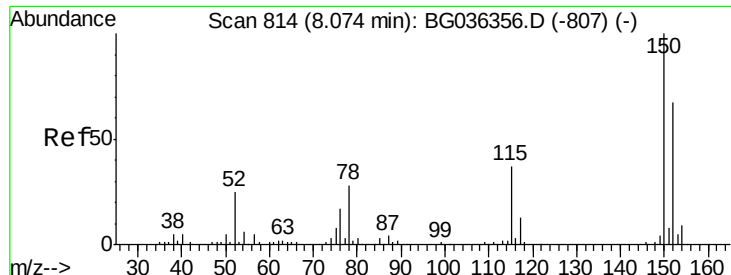
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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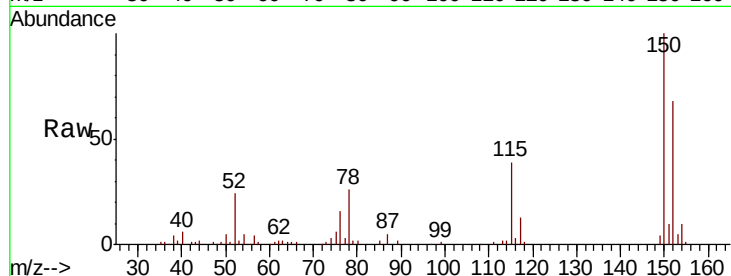


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	152	Resp	49576
Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.5	179.3
115	57.3	44.5	66.7

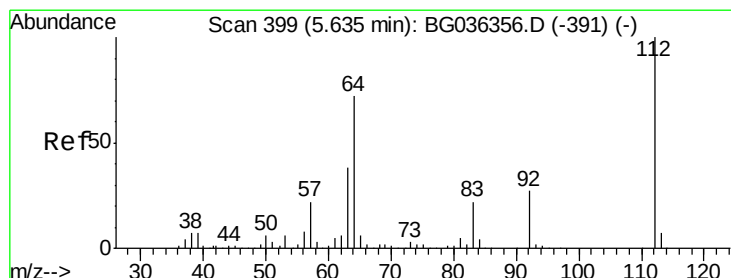
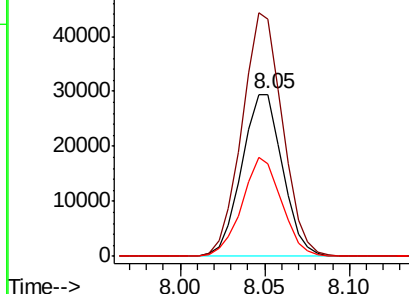
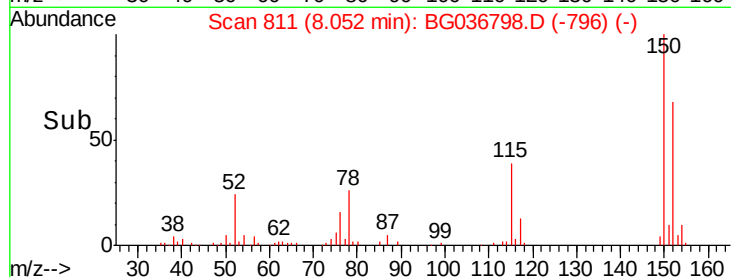


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

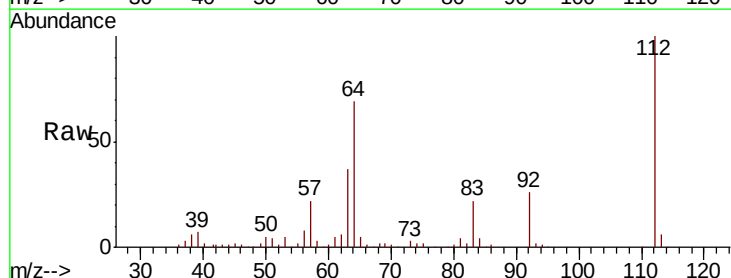
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 53.694 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Tgt Ion	112	Resp	167808
Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	36.7	30.8	46.2

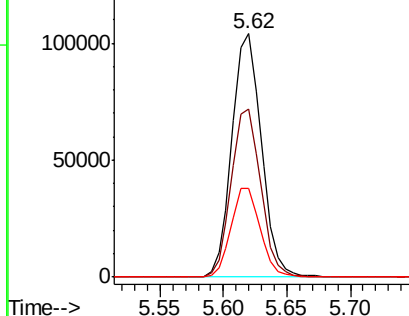
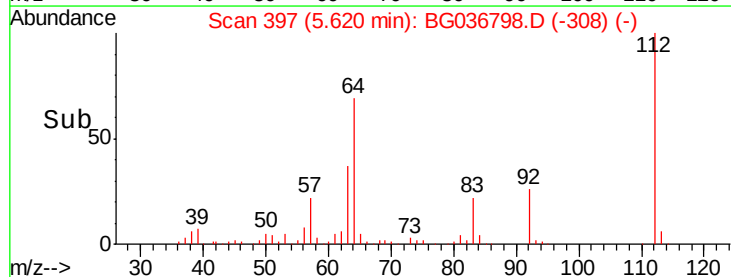


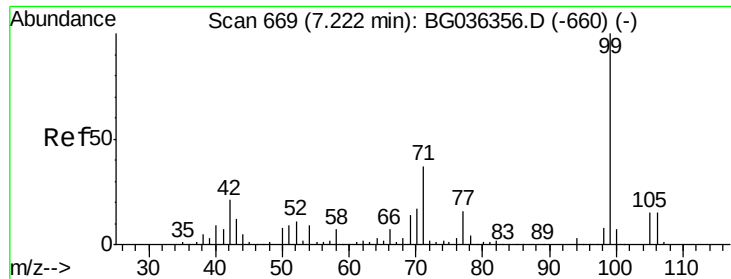
Abundance

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: 34.199 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

Instrument :

BNA_G

ClientSampled :

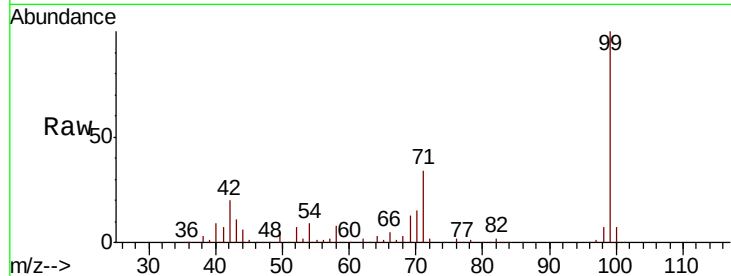
Tot Ion: 99 Resp: 153026

Ion Ratio Lower Upper

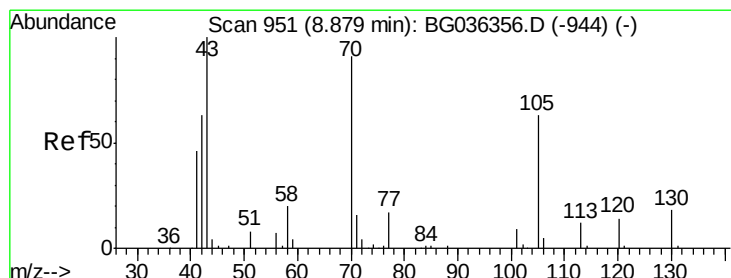
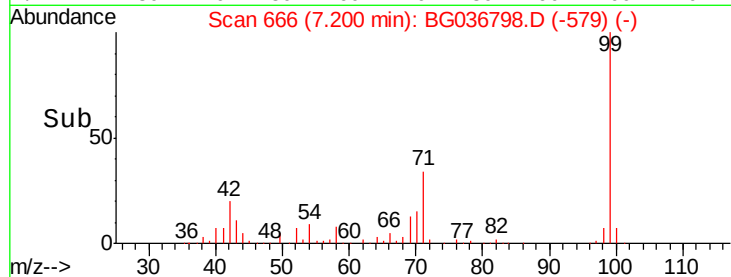
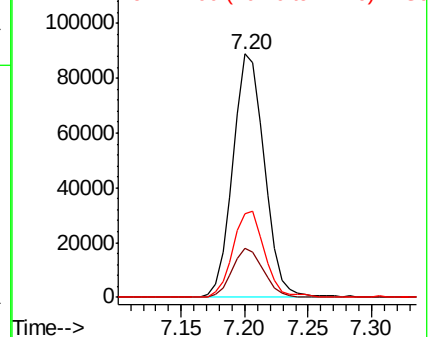
99 100

42 20.4 16.5 24.7

71 34.3 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: 14.184 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

Tgt Ion: 70 Resp: 47432

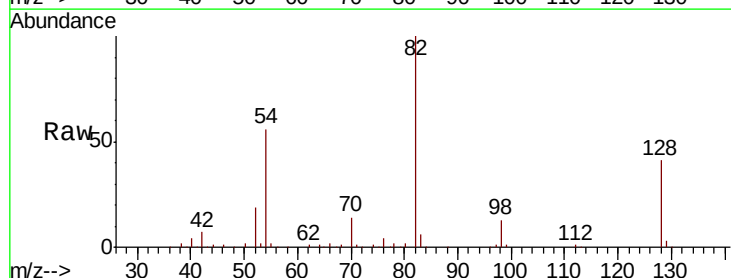
Ion Ratio Lower Upper

70 100

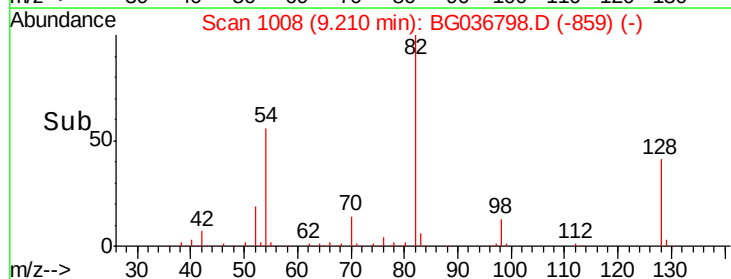
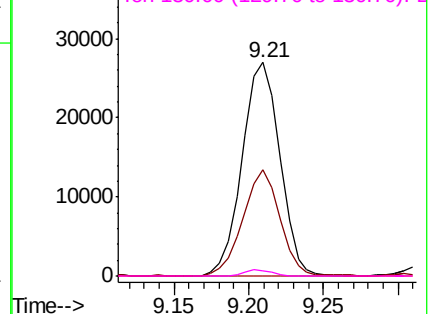
42 49.6 56.2 84.4#

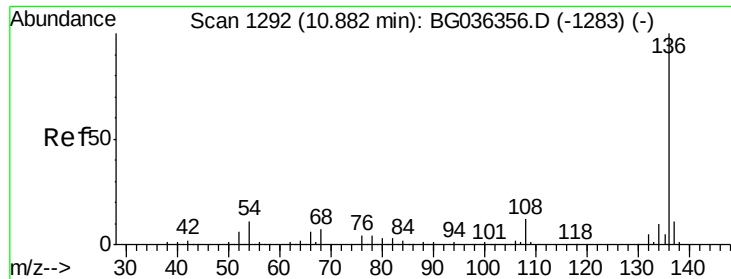
101 0.0 7.8 11.6#

130 2.3 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

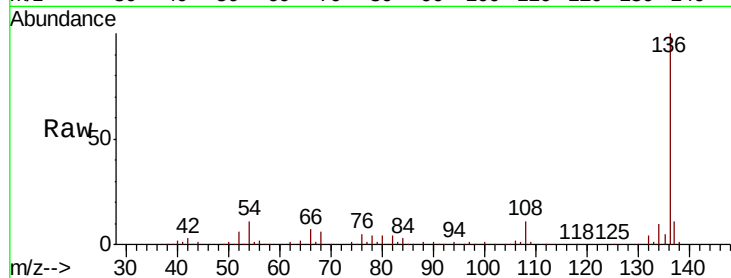




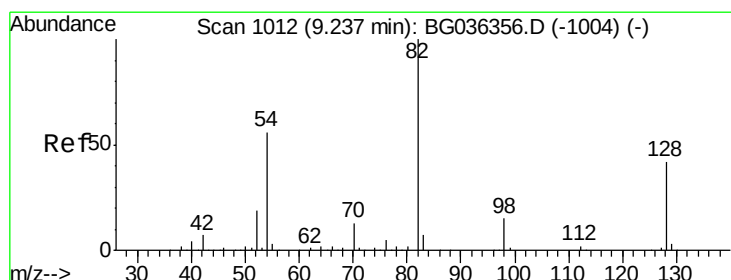
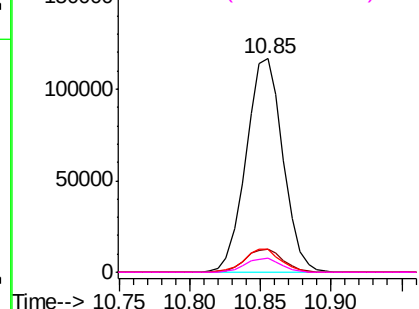
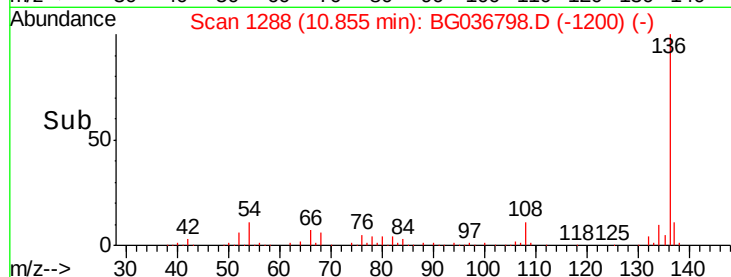
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036798.D
Acq: 18 Sep 2018 23:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	213711
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.1	9.2	13.8
68	6.4	5.8	8.6

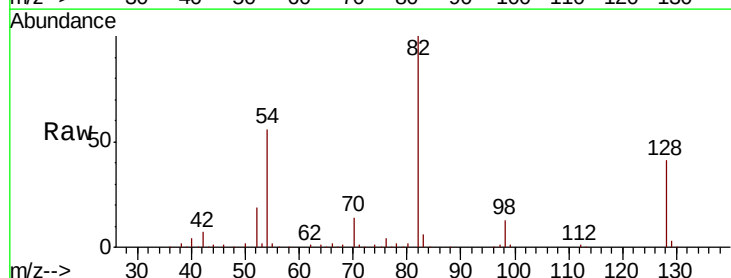


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

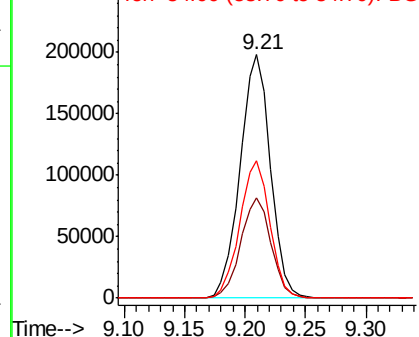
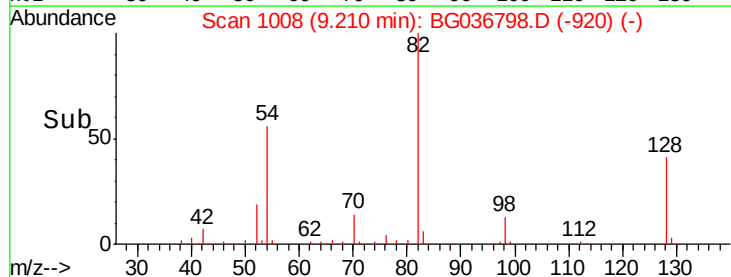


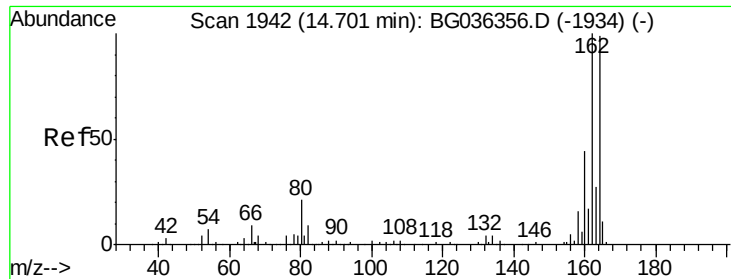
#23
Nitrobenzene-d5
Concen: 87.975 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036798.D
Acq: 18 Sep 2018 23:03

Tgt Ion:	82	Resp:	346524
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	56.2	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# 1938

Delta R.T. -0.01 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

Instrument :

BNA_G

ClientSampleId :

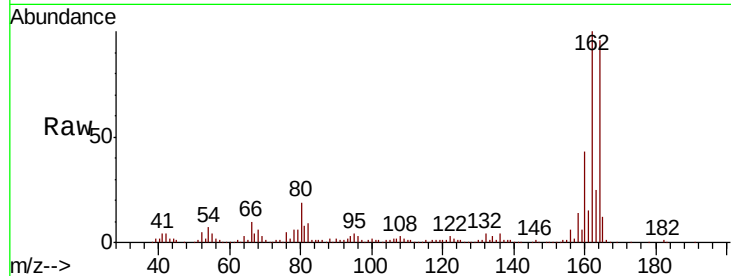
Tot Ion:164 Resp: 144522

Ion Ratio Lower Upper

164 100

162 104.5 80.7 121.1

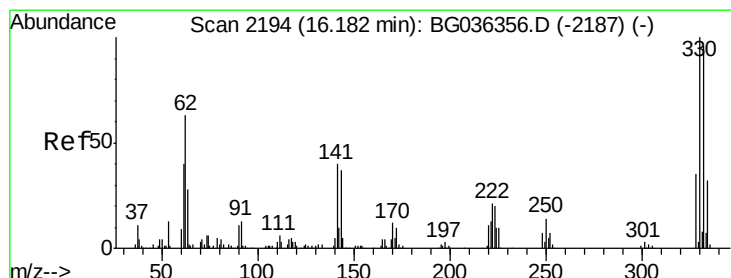
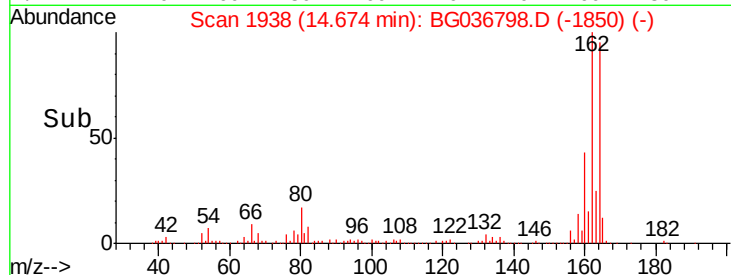
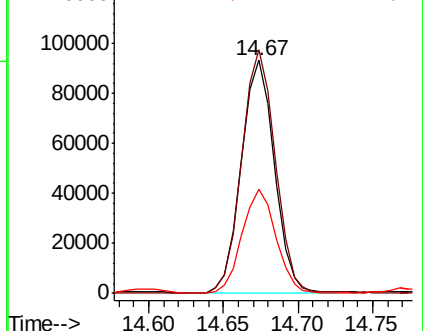
160 44.8 35.3 52.9



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: 150.451 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

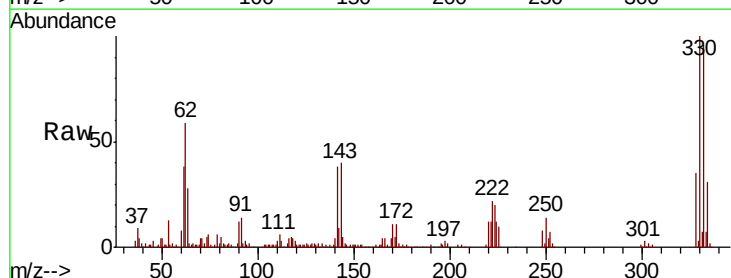
Tgt Ion:330 Resp: 259448

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.2

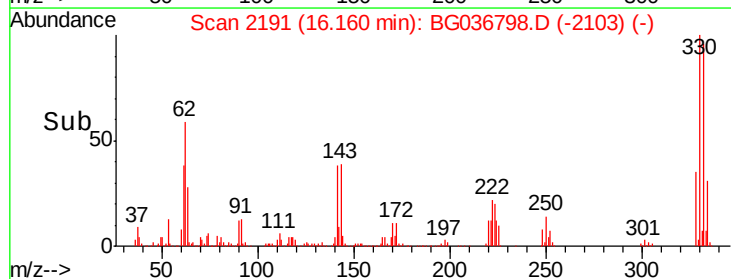
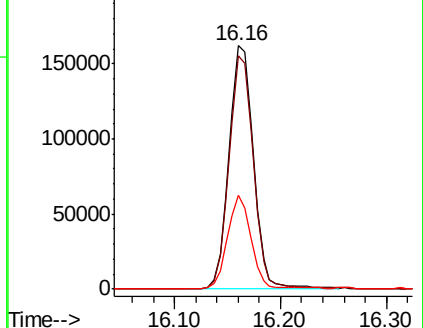
141 36.7 30.7 46.1

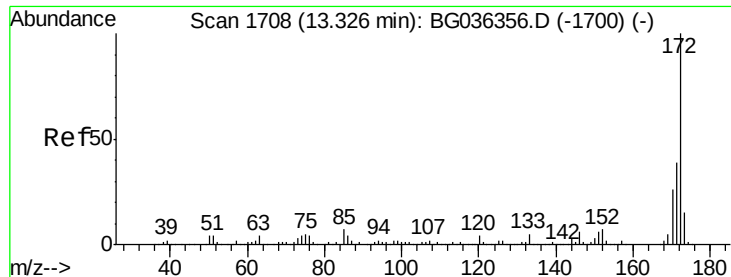


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

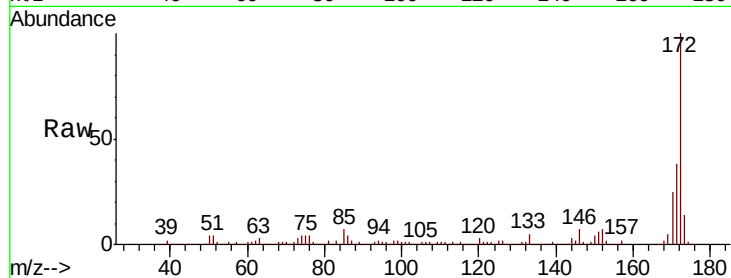




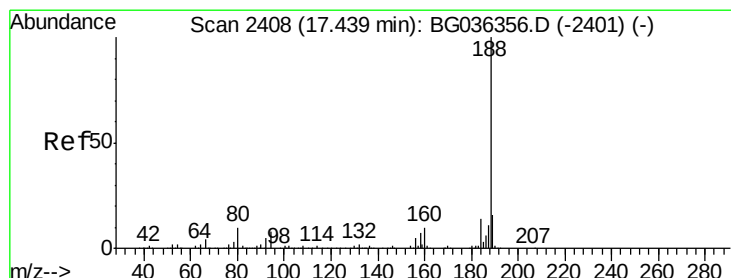
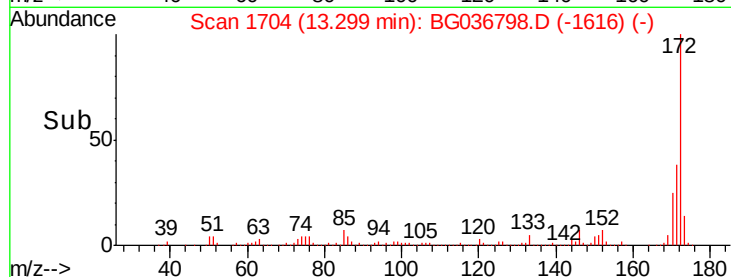
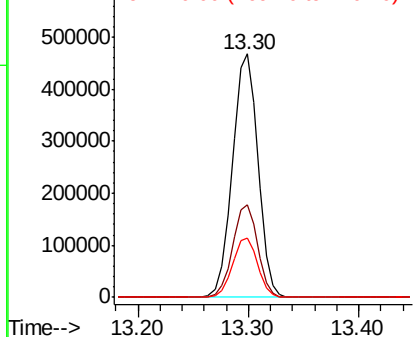
#44
 2-Fluorobiphenyl
 Concen: 74.909 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 758224
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 24.6 21.0 31.6

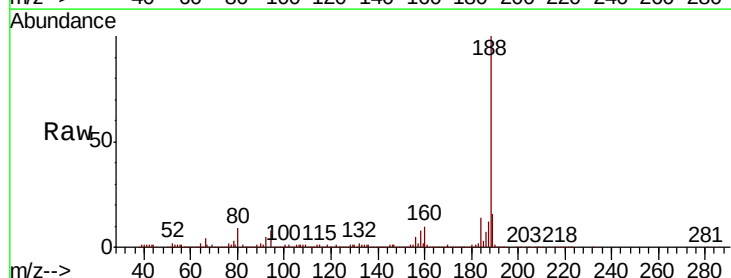


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

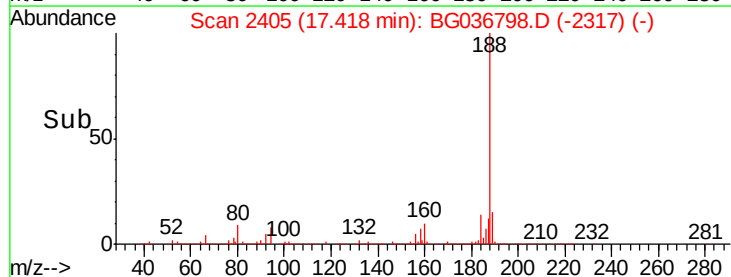
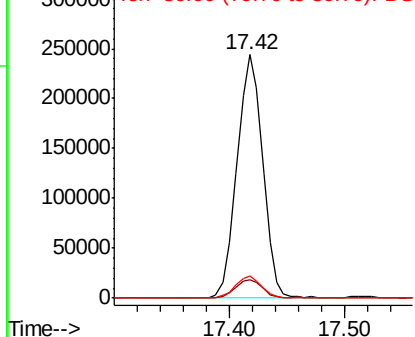


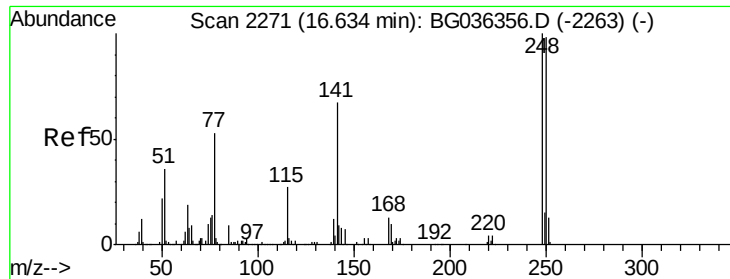
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Tgt Ion:188 Resp: 375230
 Ion Ratio Lower Upper
 188 100
 94 7.8 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

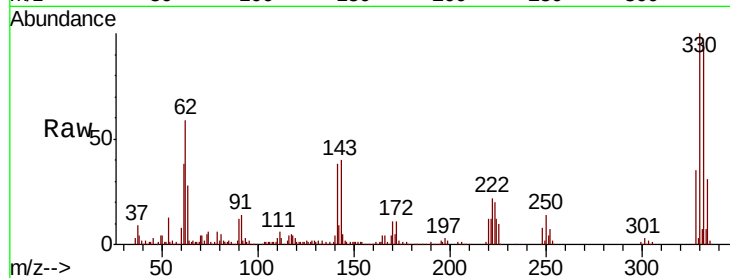




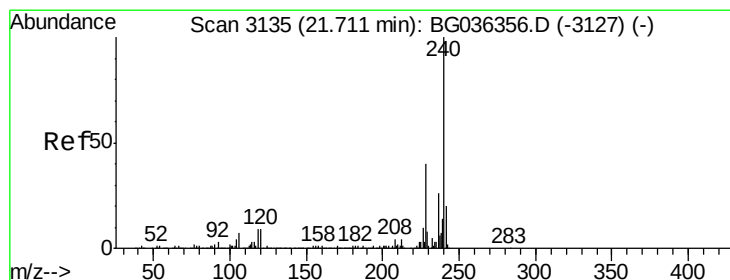
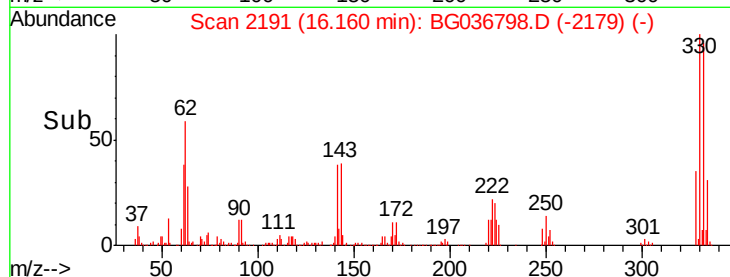
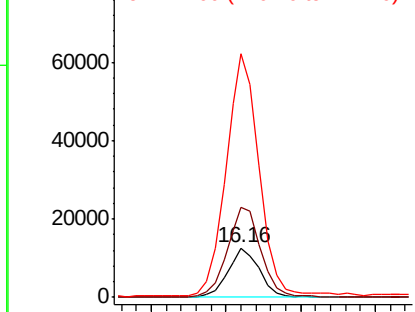
#66
 4-Bromophenyl-phenylether
 Concen: 4.210 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18496
 Ion Ratio Lower Upper
 248 100
 250 182.9 78.1 117.1#
 141 495.5 53.7 80.5#

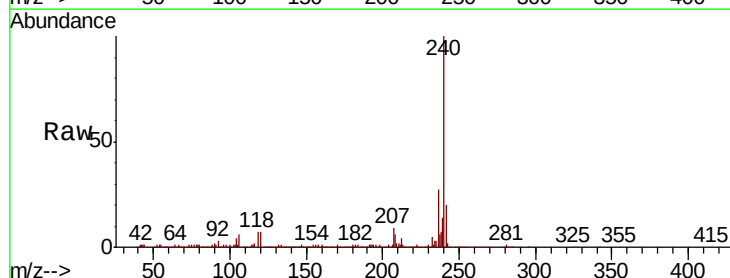


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

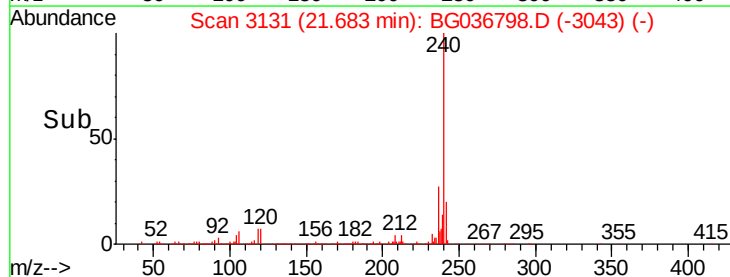
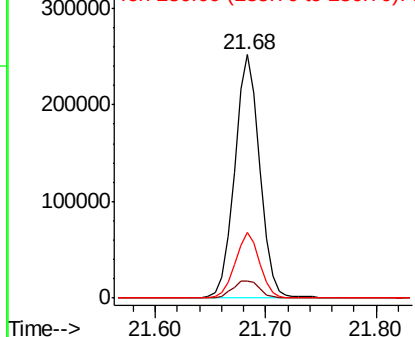


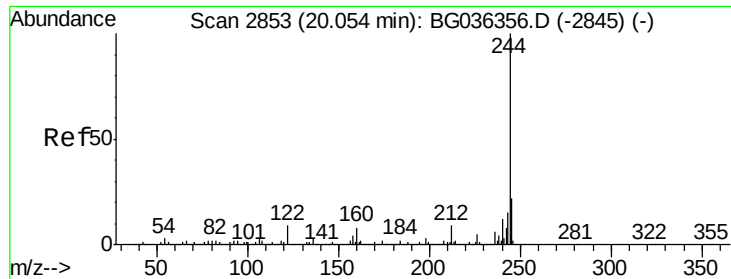
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Tgt Ion:240 Resp: 400176
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.9 10.3
 236 26.8 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

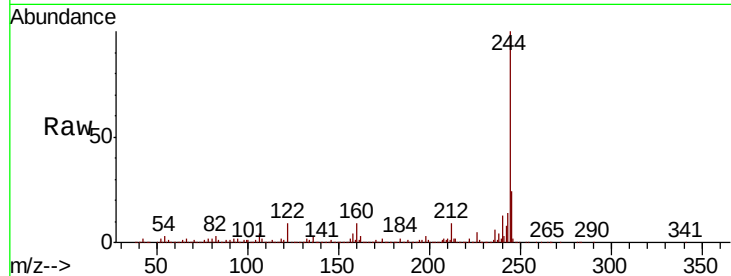




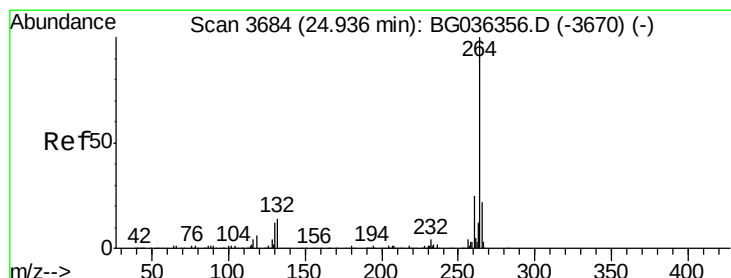
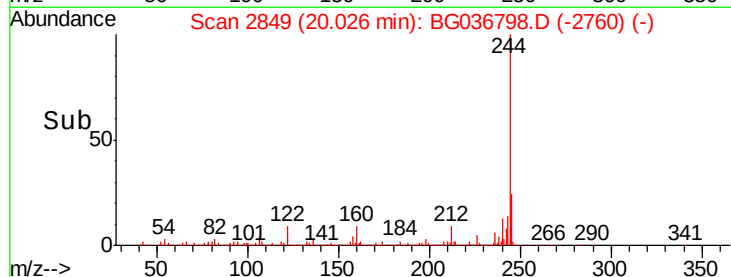
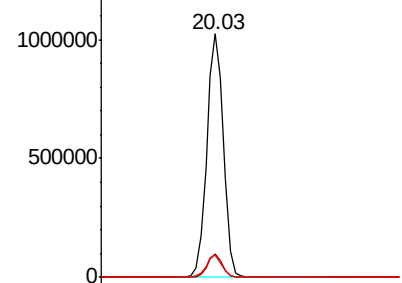
#78
 Terphenyl-d14
 Concen: 81.719 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1399102
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.0 10.6
 122 9.0 7.1 10.7

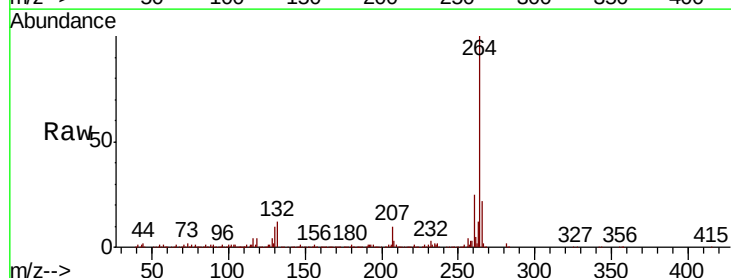


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Tgt Ion:264 Resp: 412831
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.3 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

