

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036718.D
 Acq On : 14 Sep 2018 23:17
 Operator : JU/SJ
 Sample : J4892-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:12:22 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

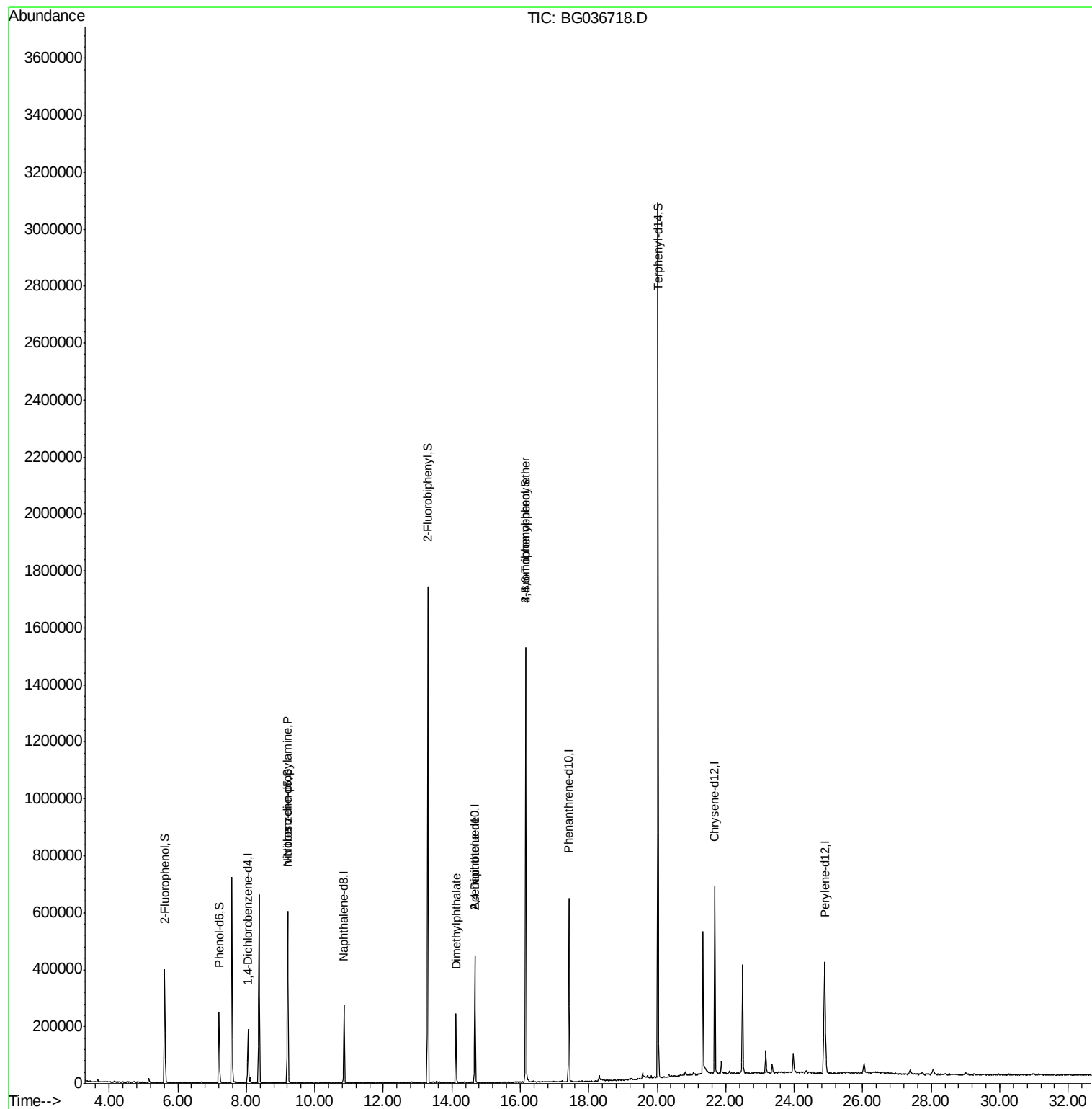
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54412	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	230787	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	158186	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	409743	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	397142	20.00	ng	-0.02
86) Perylene-d12	24.89	264	410816	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	168591	49.15	ng	0.00
7) Phenol-d6	7.20	99	144106	29.34	ng	-0.02
23) Nitrobenzene-d5	9.21	82	366476	86.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	284607	150.78	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	889692	80.31	ng	-0.01
78) Terphenyl-d14	20.02	244	1438110	84.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49226	13.412	ng	# 70
49) Dimethylphthalate	14.12	163	156575	12.122	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	19783	5.711	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	20377	4.248	ng	# 1

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

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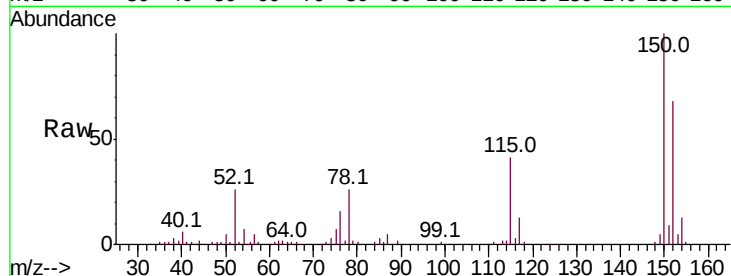


#1

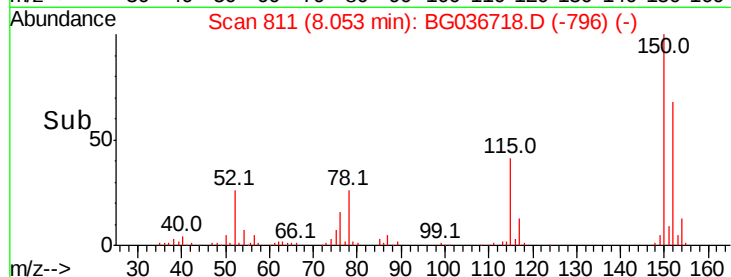
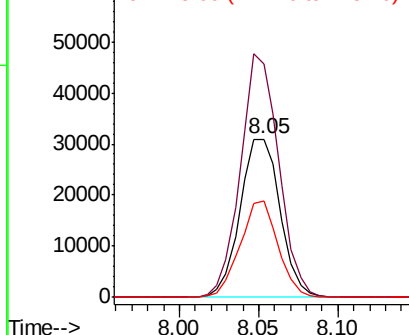
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54412
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 60.5 44.5 66.7



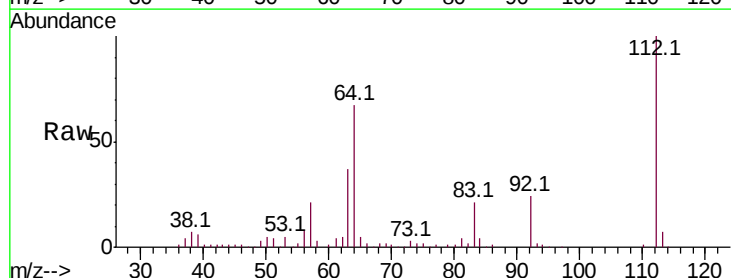
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



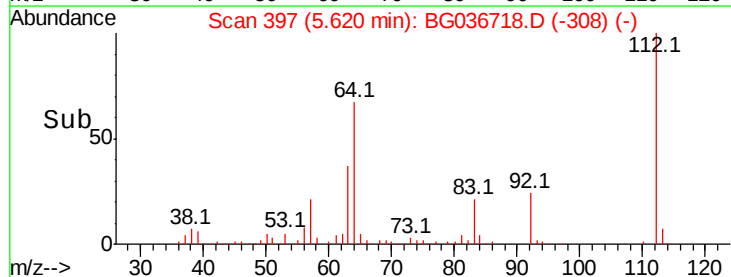
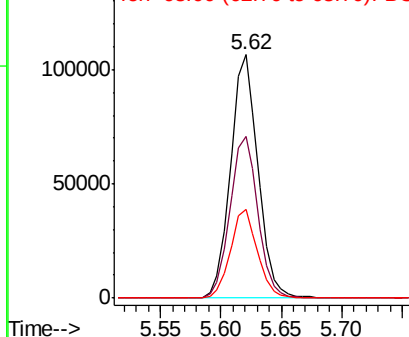
#5

2-Fluorophenol
Concen: 49.150 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Tgt Ion:112 Resp: 168591
Ion Ratio Lower Upper
112 100
64 66.5 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: 29.343 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036718.D

Acq: 14 Sep 2018 23:17

Instrument :

BNA_G

ClientSampleId :

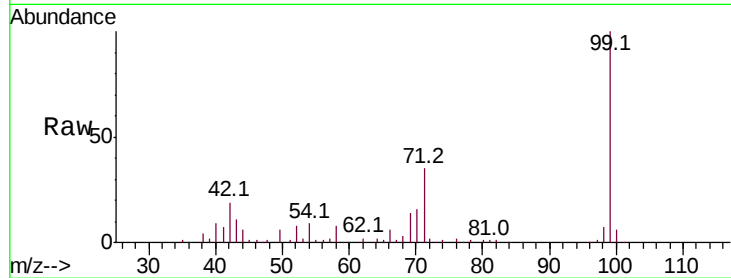
Tot Ion: 99 Resp: 144106

Ion Ratio Lower Upper

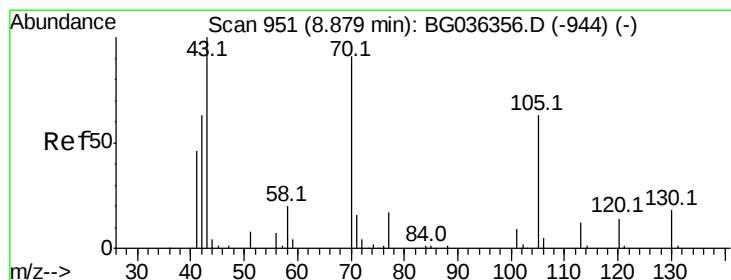
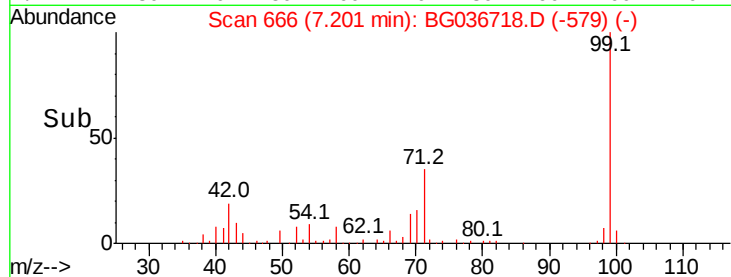
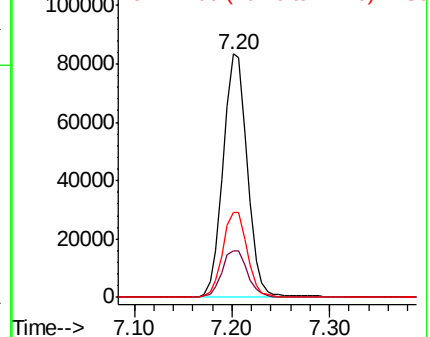
99 100

42 18.9 16.5 24.7

71 34.8 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: 13.412 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036718.D

Acq: 14 Sep 2018 23:17

Tgt Ion: 70 Resp: 49226

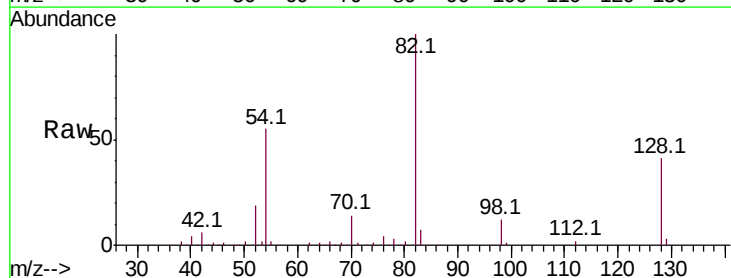
Ion Ratio Lower Upper

70 100

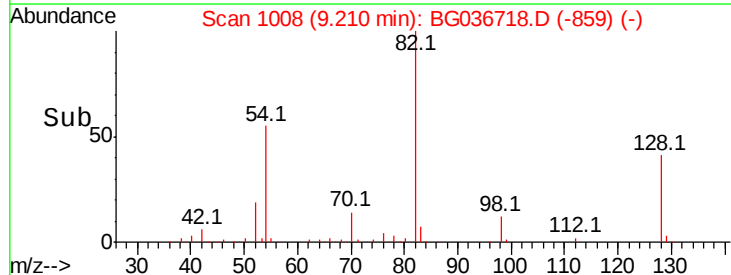
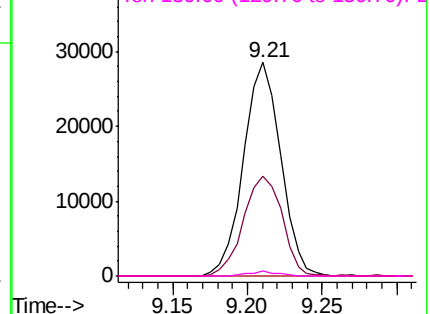
42 46.8 56.2 84.4#

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

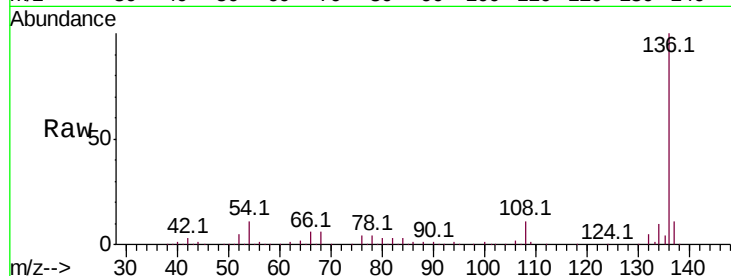




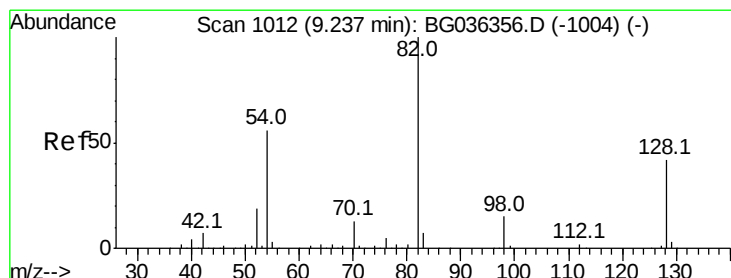
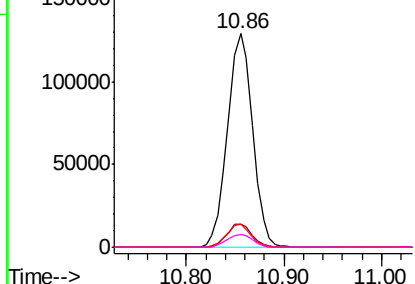
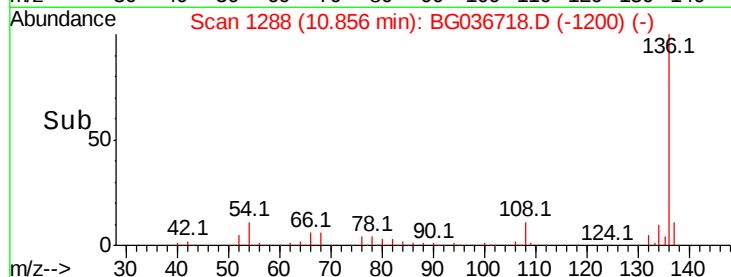
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	230787
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 10.9	9.2	13.8
68 6.2	5.8	8.6

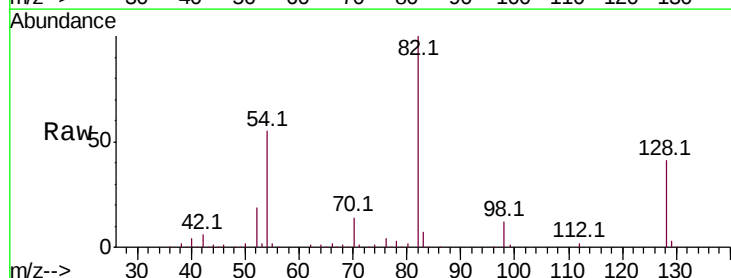


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

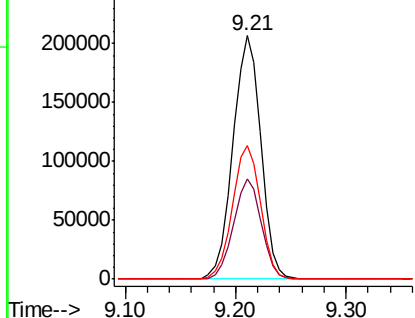
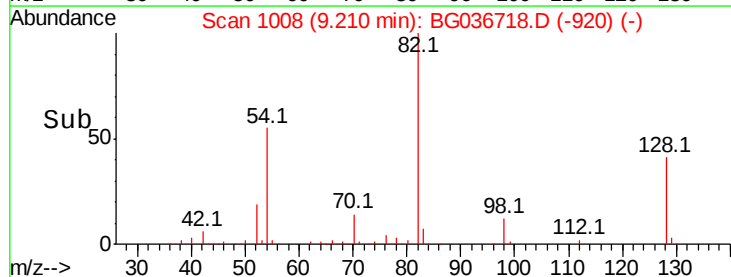


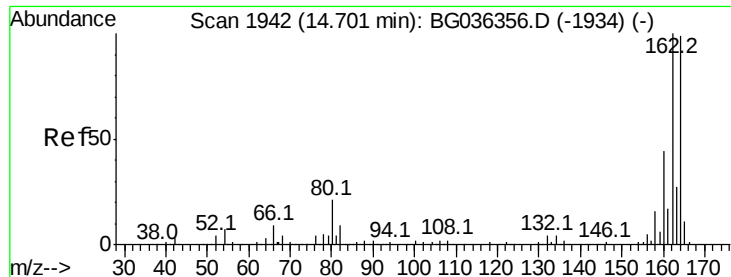
#23
Nitrobenzene-d5
Concen: 86.156 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Tgt	Ion: 82	Resp:	366476
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	55.1	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036718.D

Acq: 14 Sep 2018 23:17

Instrument :

BNA_G

ClientSampleId :

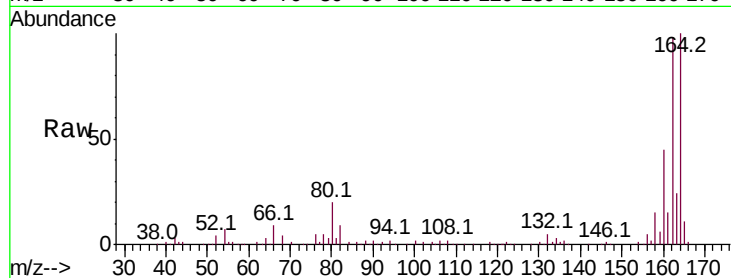
Tot Ion:164 Resp: 158186

Ion Ratio Lower Upper

164 100

162 97.7 80.7 121.1

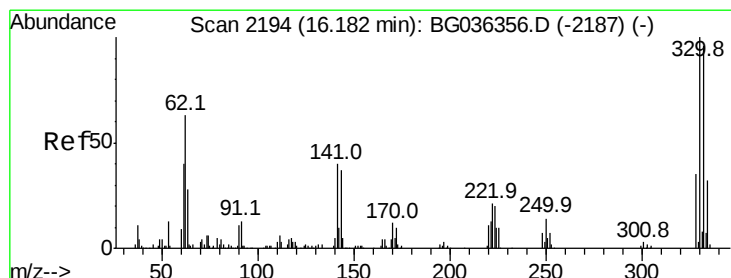
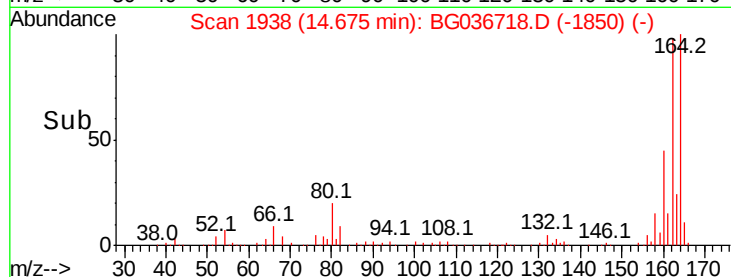
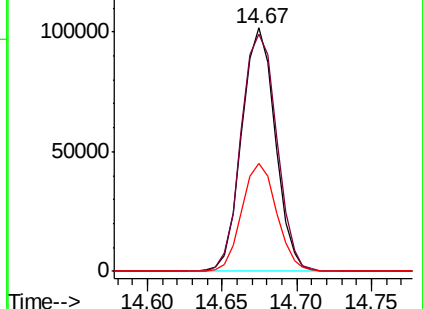
160 44.5 35.3 52.9



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: 150.784 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036718.D

Acq: 14 Sep 2018 23:17

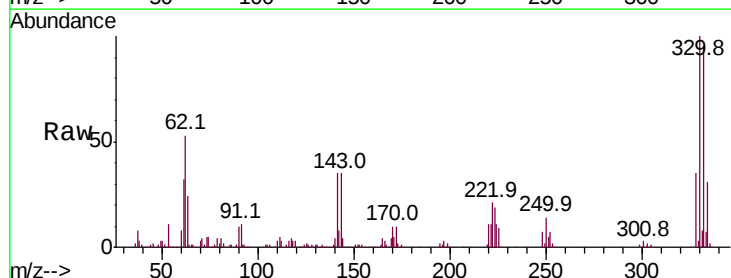
Tgt Ion:330 Resp: 284607

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.2

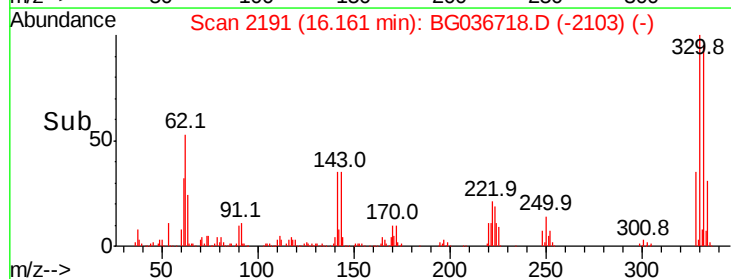
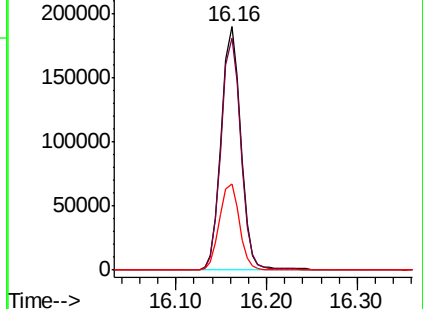
141 36.1 30.7 46.1

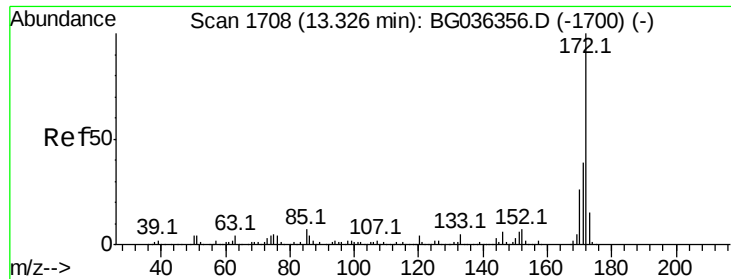


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

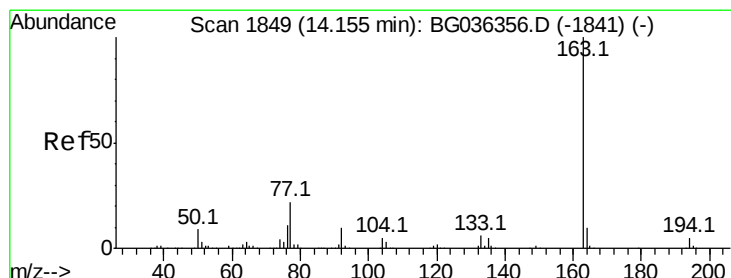
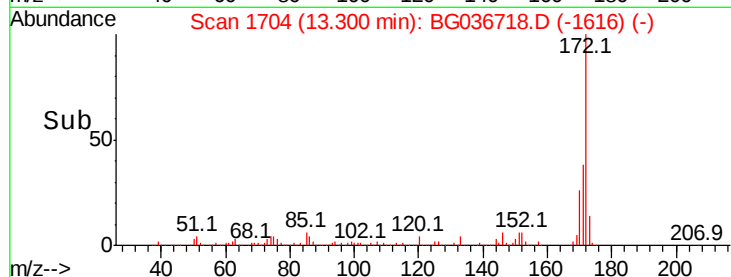
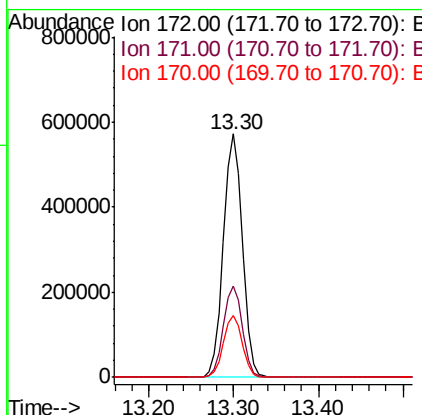
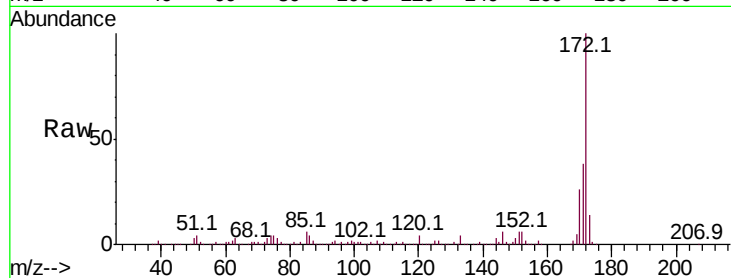




#44
2-Fluorobiphenyl
Concen: 80.305 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

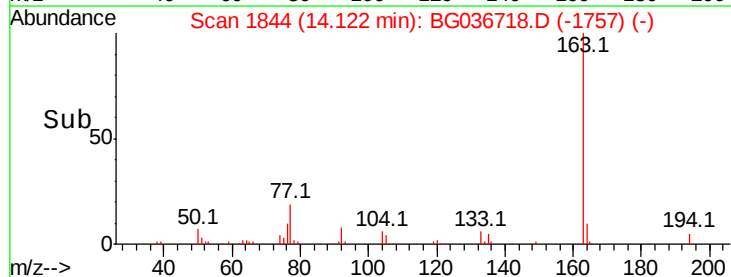
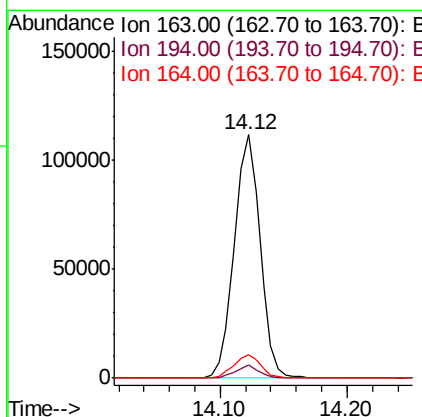
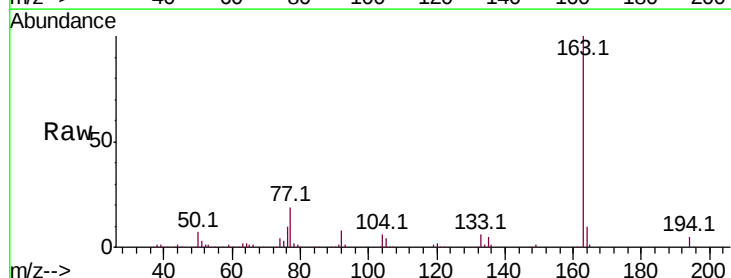
Instrument :
BNA_G
ClientSampleId :

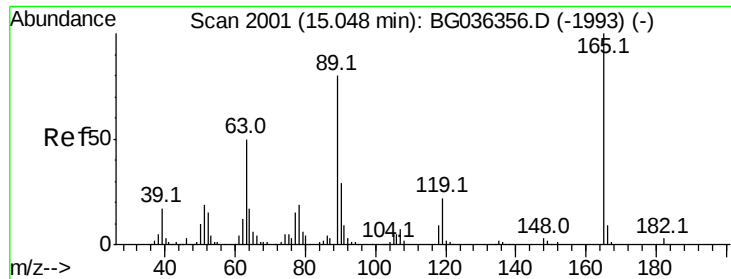
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.6	21.0	31.6



#49
Dimethylphthalate
Concen: 12.122 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.0	6.0
164	9.8	8.1	12.1

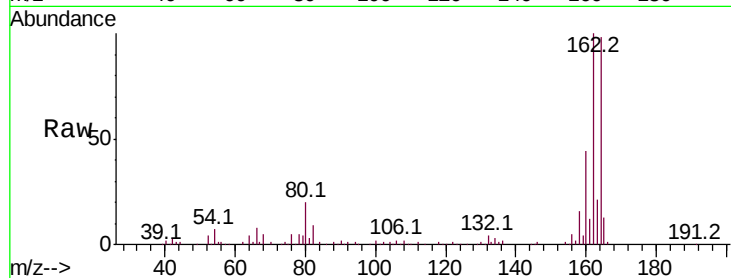




#56
 2,4-Dinitrotoluene
 Concen: 5.711 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036718.D
 Acq: 14 Sep 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#

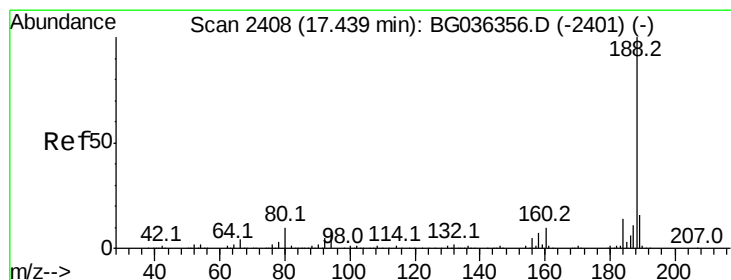
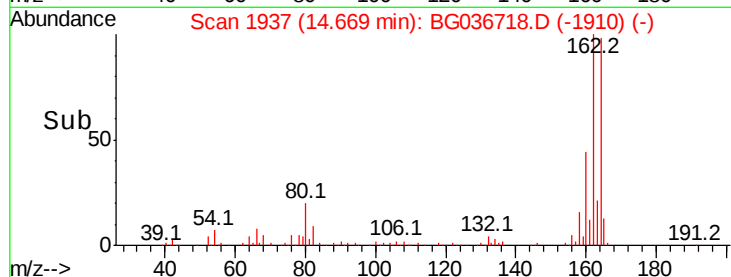
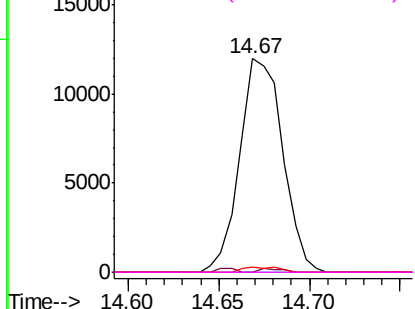


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

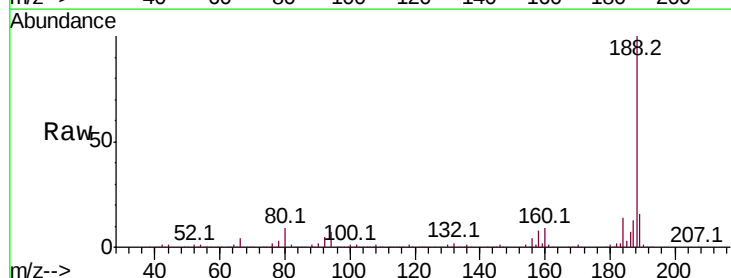
Ion 89.00 (88.70 to 89.70): BGC

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: BG036718.D
 Acq: 14 Sep 2018 23:17

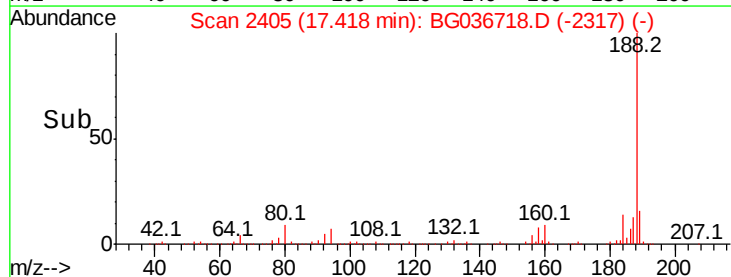
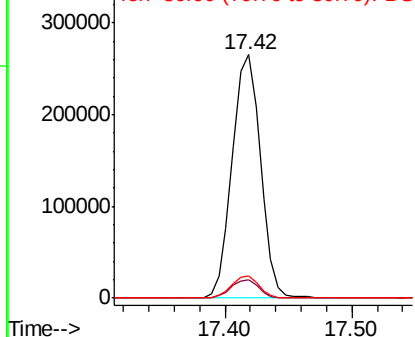
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.2	8.1	12.1

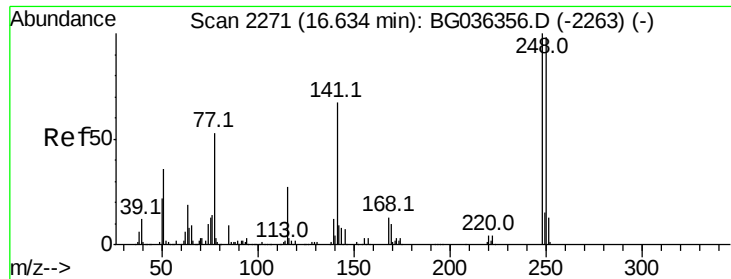


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

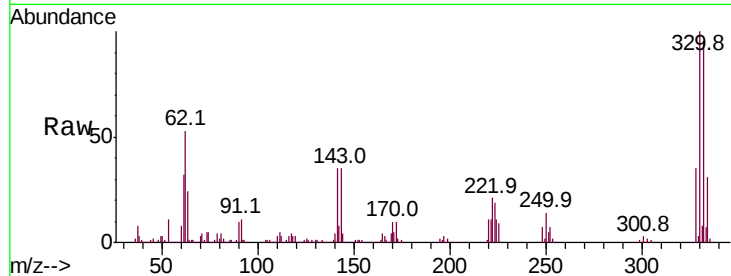




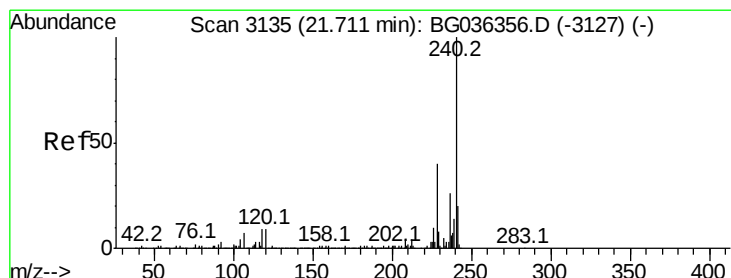
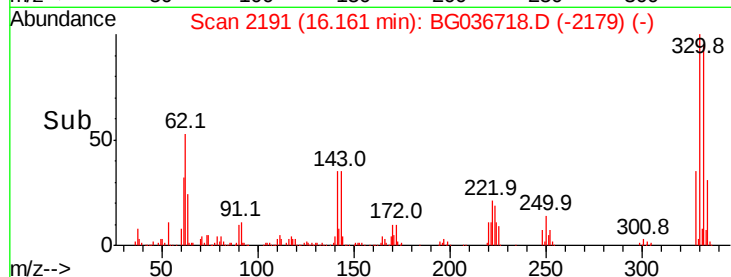
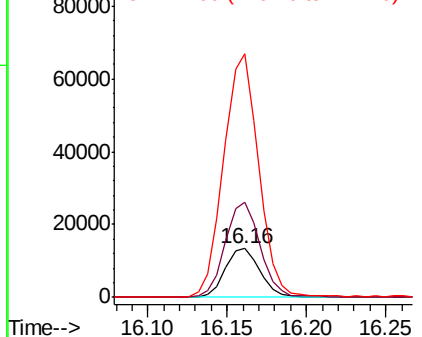
#66
4-Bromophenyl-phenylether
Concen: 4.248 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 20377
Ion Ratio Lower Upper
248 100
250 195.5 78.1 117.1#
141 500.0 53.7 80.5#

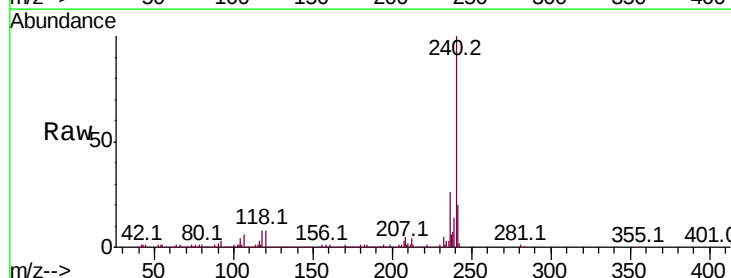


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

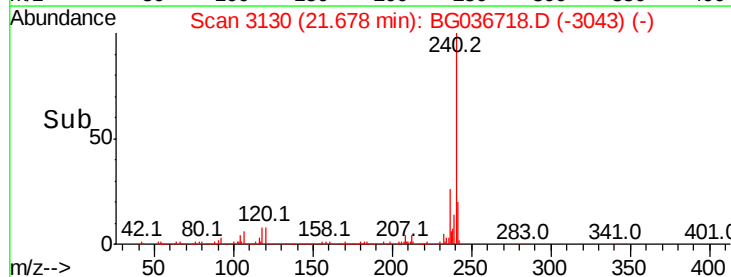
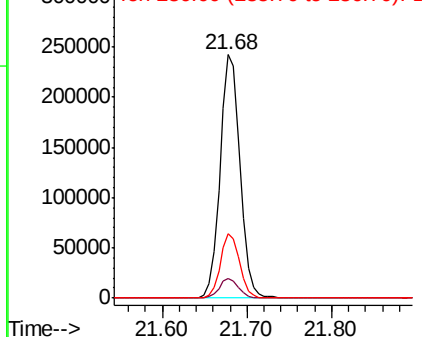


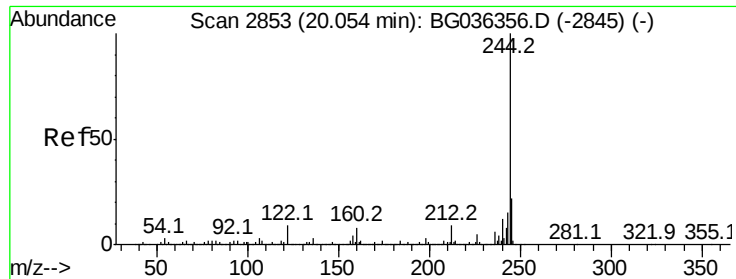
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036718.D
Acq: 14 Sep 2018 23:17

Tgt Ion:240 Resp: 397142
Ion Ratio Lower Upper
240 100
120 8.1 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: 84.639 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036718.D

Acq: 14 Sep 2018 23:17

Instrument :

BNA_G

ClientSampled :

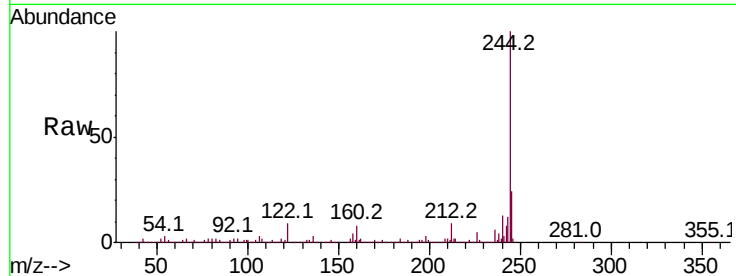
Tot Ion:244 Resp: 1438110

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

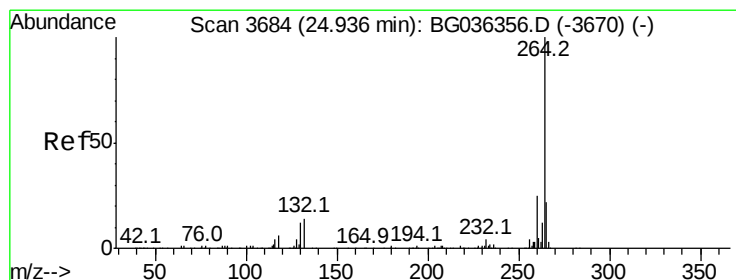
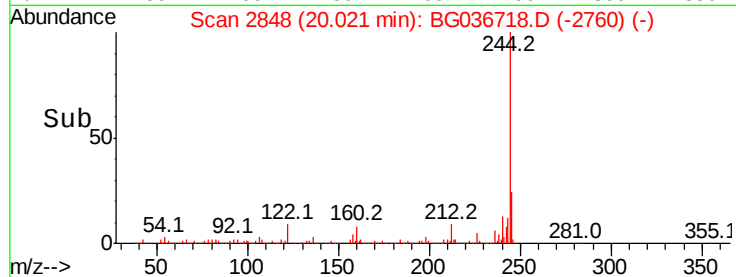
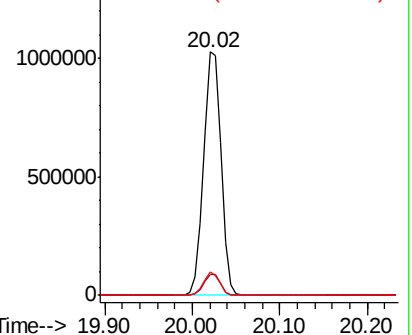
122 9.4 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036718.D

Acq: 14 Sep 2018 23:17

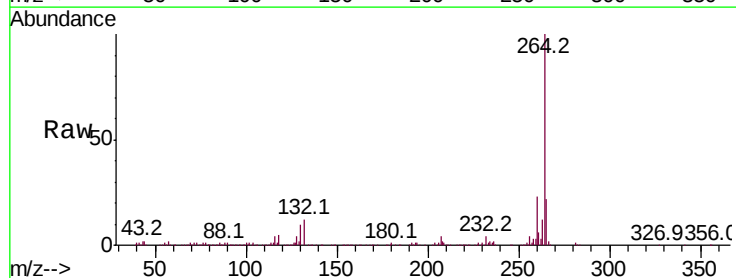
Tgt Ion:264 Resp: 410816

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 22.0 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

