

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036719.D
 Acq On : 14 Sep 2018 23:56
 Operator : JU/SJ
 Sample : J4892-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:12:30 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

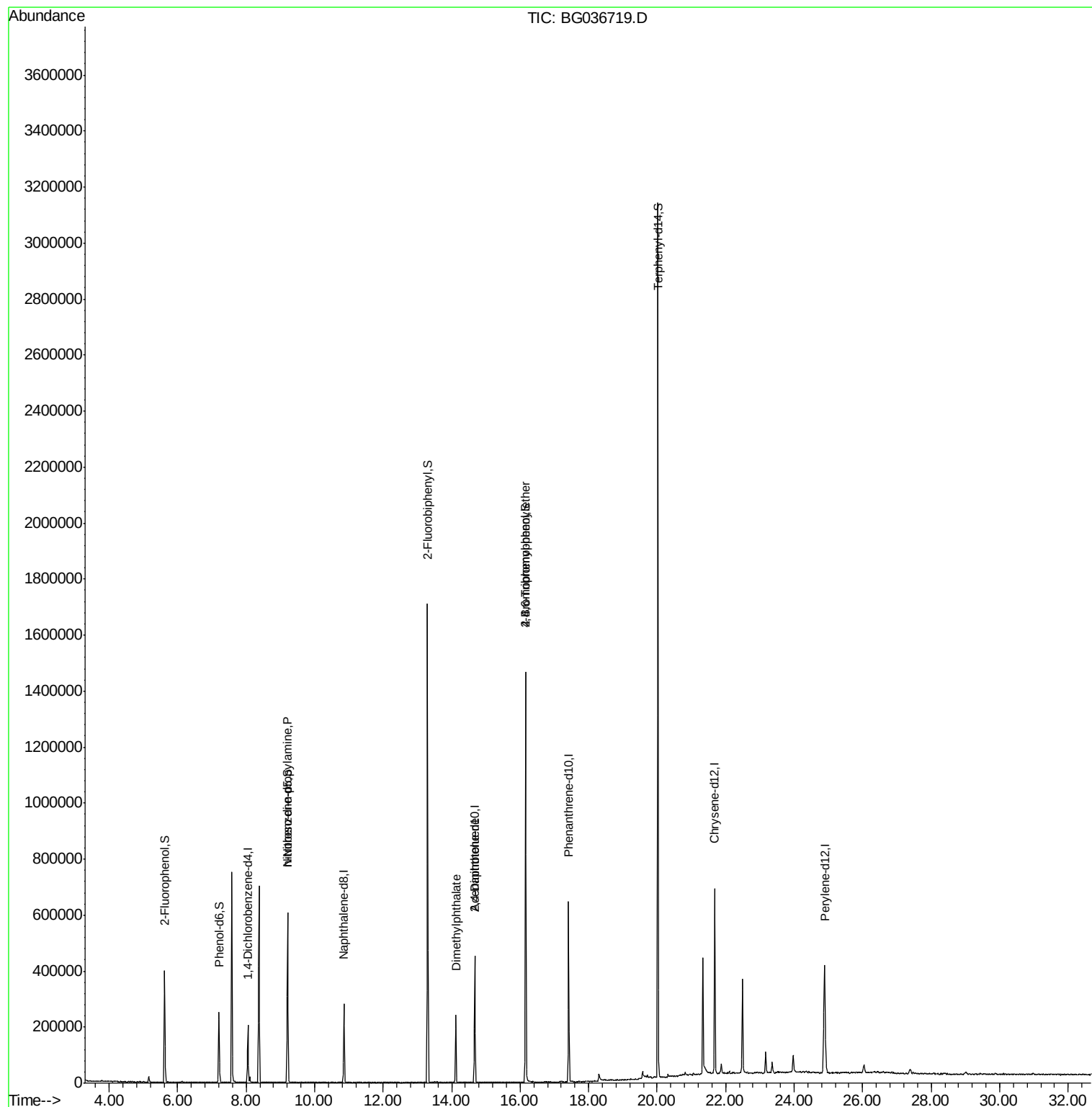
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56254	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	235542	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	164270	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	413581	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	397357	20.00	ng	-0.01
86) Perylene-d12	24.88	264	412902	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	171030	48.23	ng	0.00
7) Phenol-d6	7.20	99	145543	28.67	ng	-0.01
23) Nitrobenzene-d5	9.21	82	368916	84.98	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	274339	139.96	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	892406	77.57	ng	-0.01
78) Terphenyl-d14	20.02	244	1435366	84.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49034	12.922	ng	# 70
49) Dimethylphthalate	14.12	163	166227	12.392	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	21074	5.858	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	19331	3.992	ng	# 1

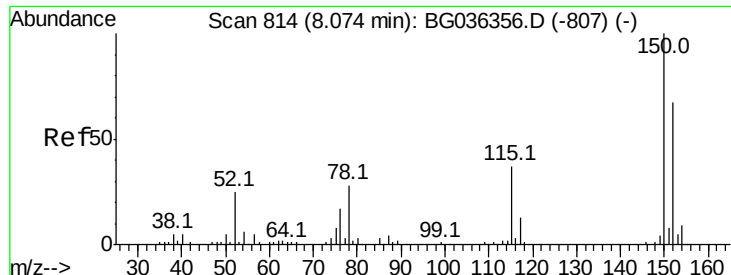
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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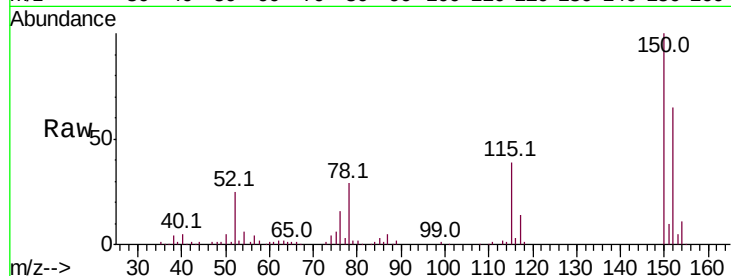


#1

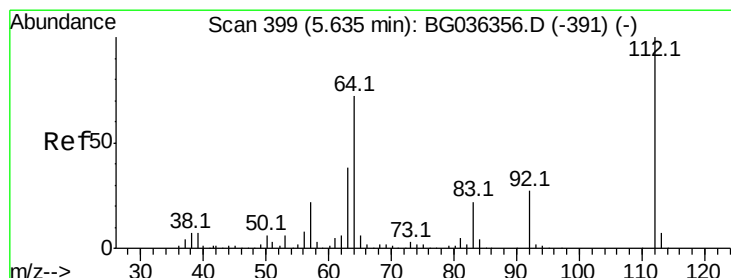
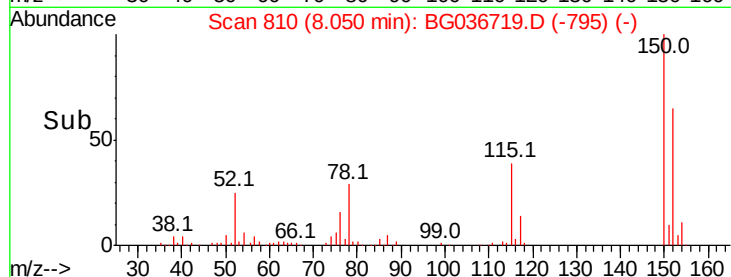
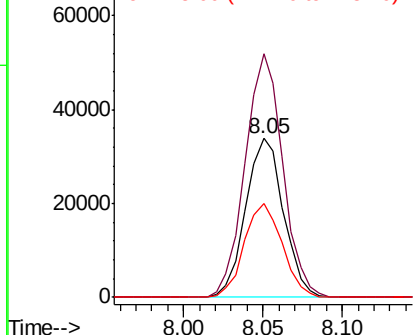
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56254
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 59.3 44.5 66.7



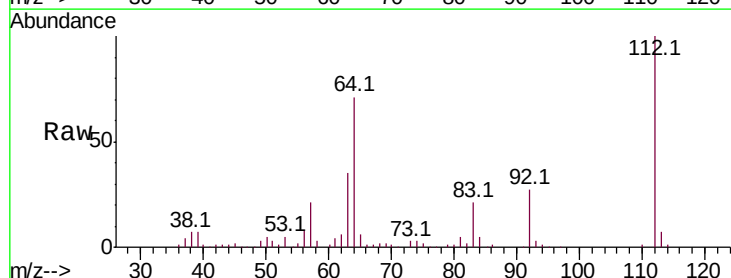
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



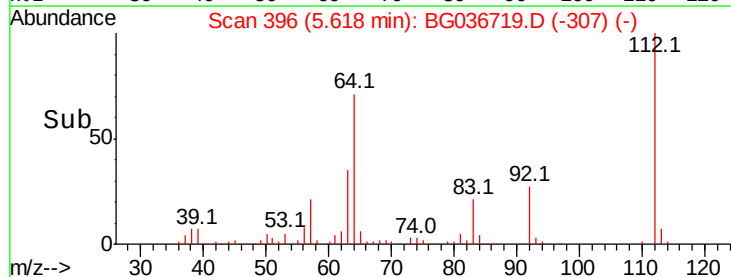
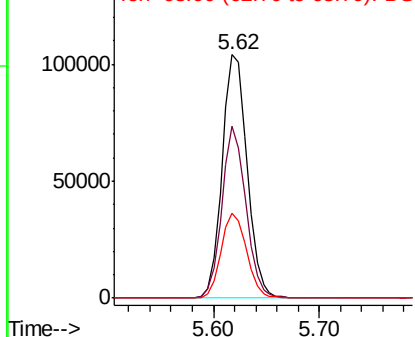
#5

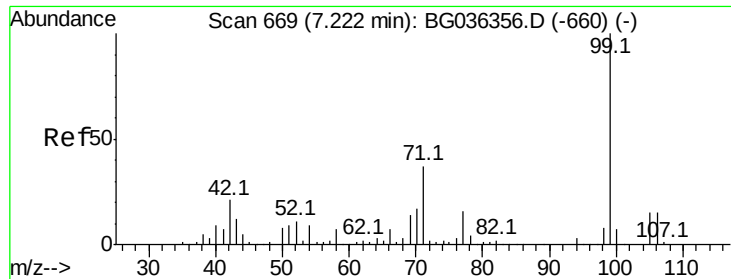
2-Fluorophenol
Concen: 48.228 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Tgt Ion:112 Resp: 171030
Ion Ratio Lower Upper
112 100
64 70.7 57.2 85.8
63 35.1 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: 28.665 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036719.D

Acq: 14 Sep 2018 23:56

Instrument :

BNA_G

ClientSampled :

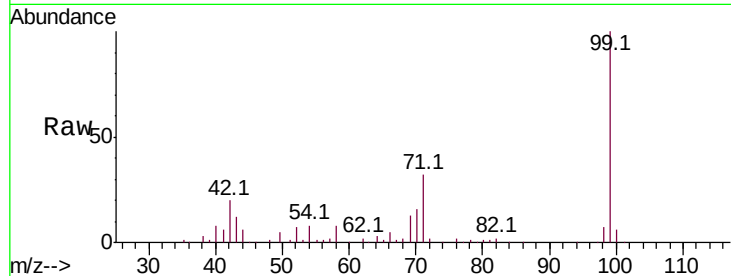
Tot Ion: 99 Resp: 145543

Ion Ratio Lower Upper

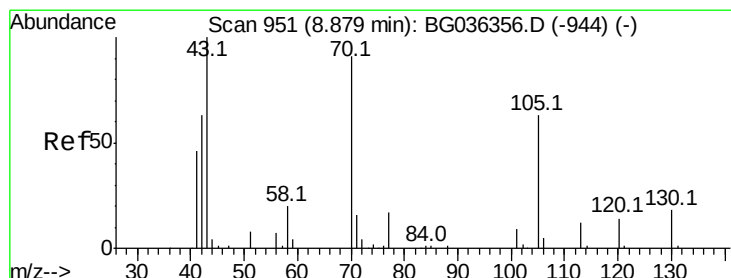
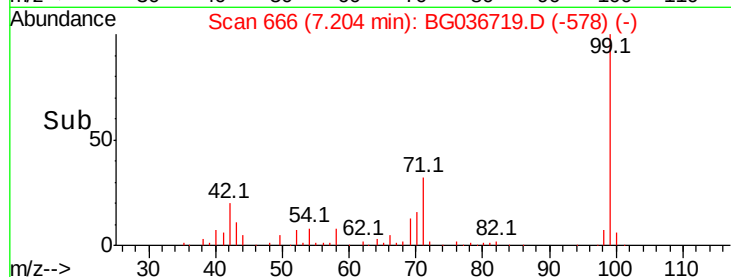
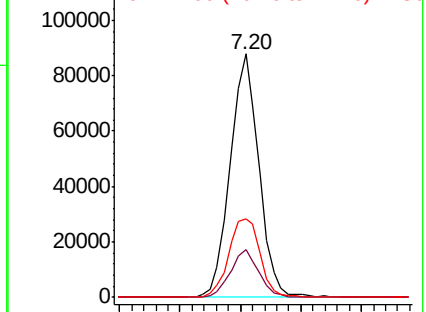
99 100

42 19.6 16.5 24.7

71 32.2 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: 12.922 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036719.D

Acq: 14 Sep 2018 23:56

Tgt Ion: 70 Resp: 49034

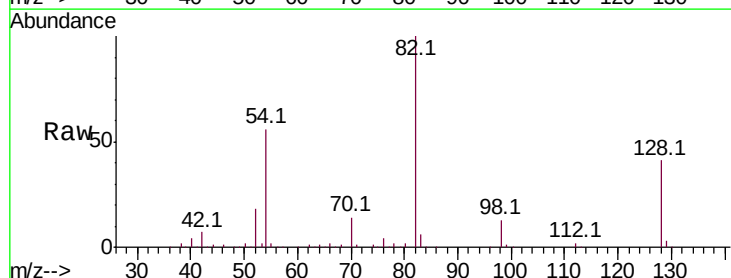
Ion Ratio Lower Upper

70 100

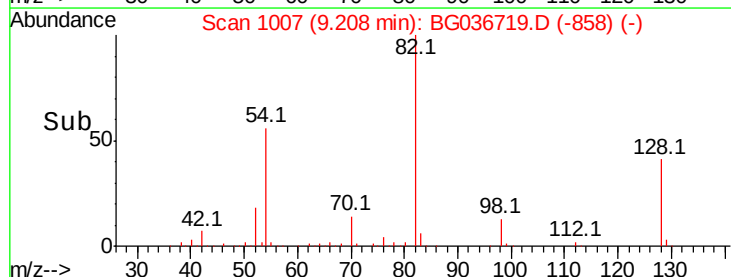
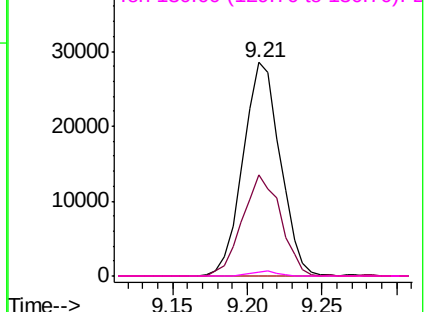
42 47.6 56.2 84.4#

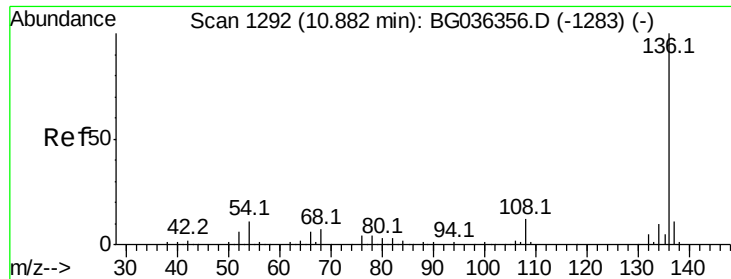
101 0.0 7.8 11.6#

130 2.0 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

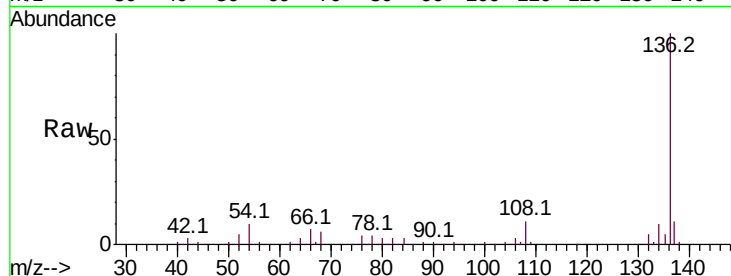




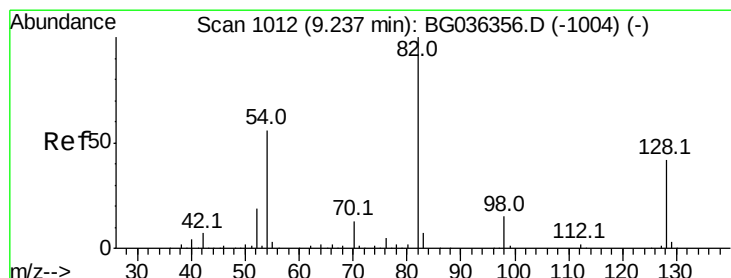
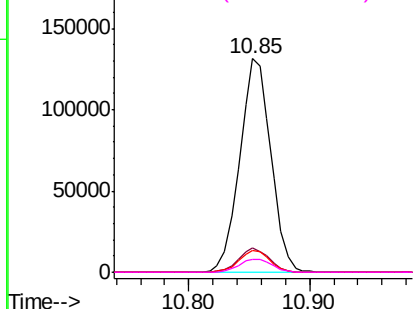
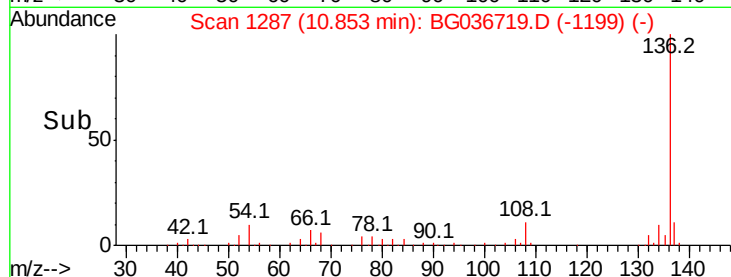
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	235542
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	10.5	9.2 13.8
68	6.2	5.8 8.6

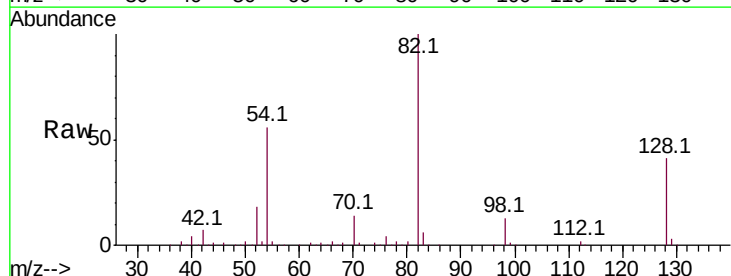


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

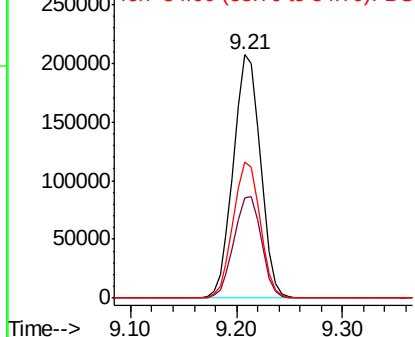
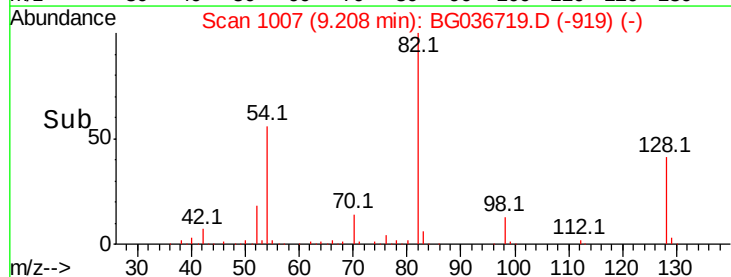


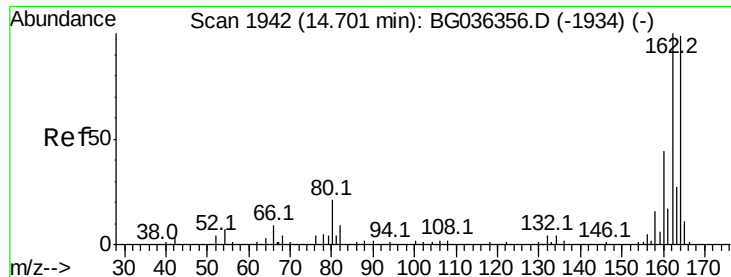
#23
Nitrobenzene-d5
Concen: 84.979 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Tgt Ion: 82	Resp:	368916
Ion	Ratio	Lower Upper
82	100	
128	41.2	33.3 49.9
54	55.9	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# 1937

Delta R.T. -0.01 min

Lab File: BG036719.D

Acq: 14 Sep 2018 23:56

Instrument :

BNA_G

ClientSampled :

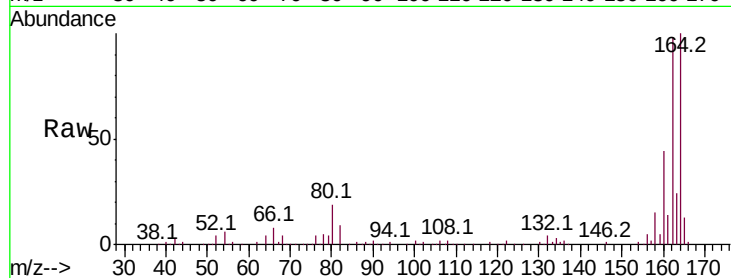
Tot Ion:164 Resp: 164270

Ion Ratio Lower Upper

164 100

162 98.3 80.7 121.1

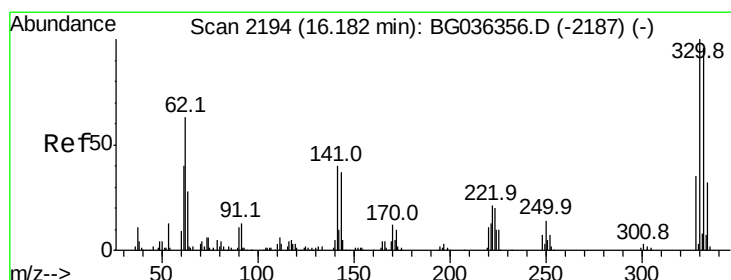
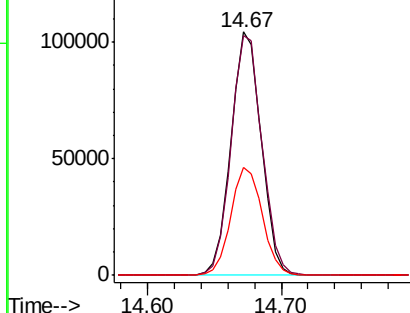
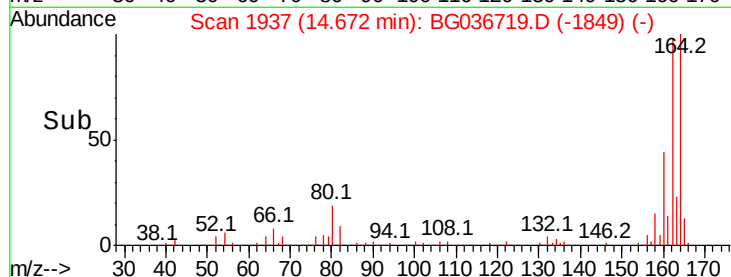
160 44.1 35.3 52.9



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: 139.961 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036719.D

Acq: 14 Sep 2018 23:56

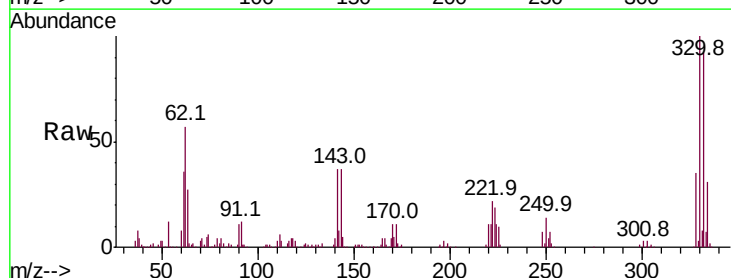
Tgt Ion:330 Resp: 274339

Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.2

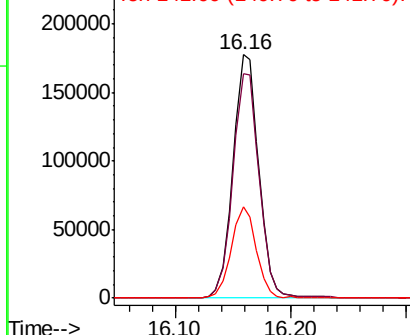
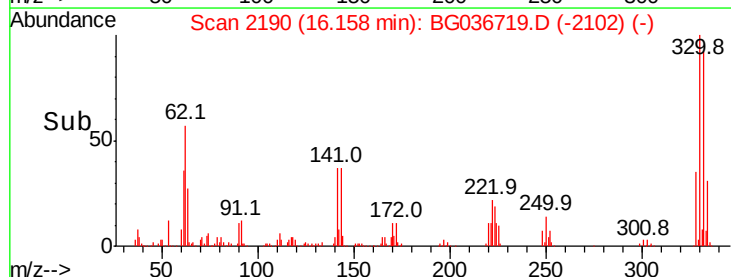
141 36.3 30.7 46.1

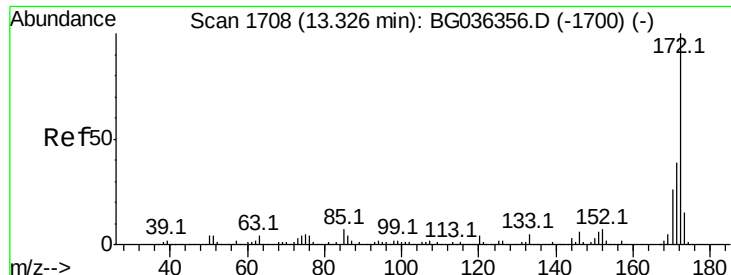


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

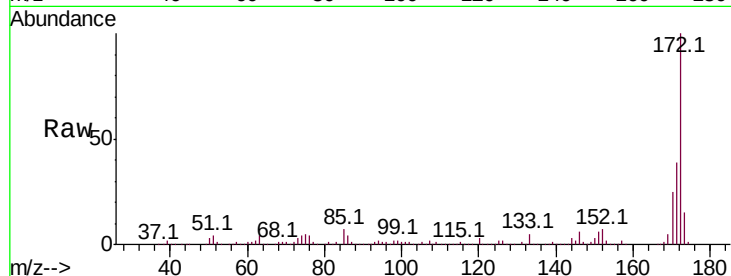




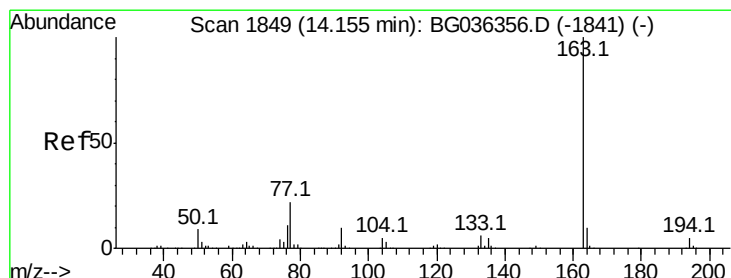
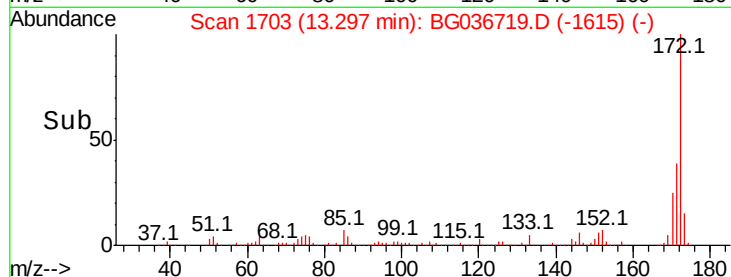
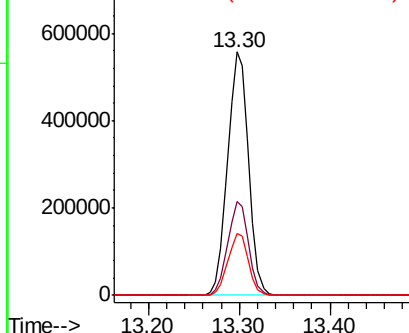
#44
2-Fluorobiphenyl
Concen: 77.567 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 892406
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 25.3 21.0 31.6

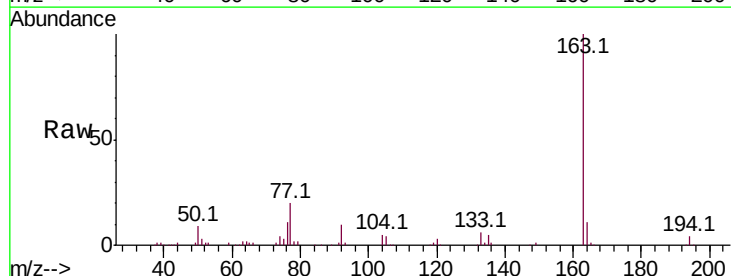


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

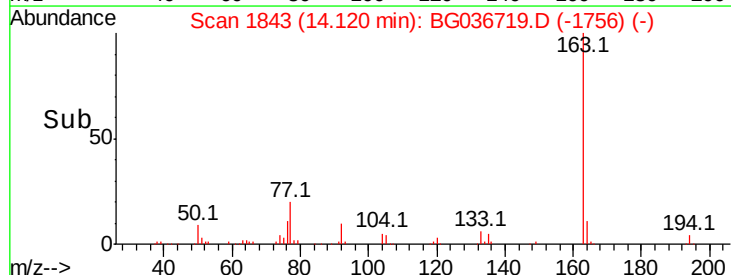
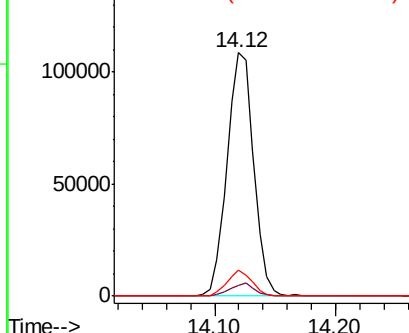


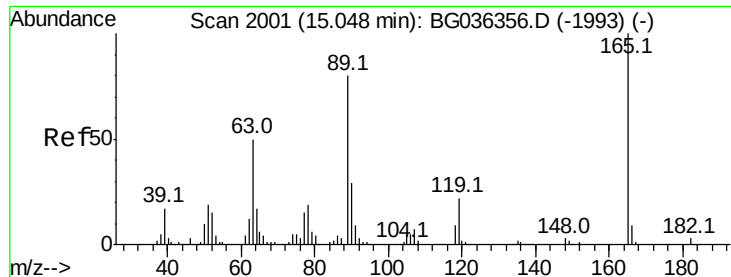
#49
Dimethylphthalate
Concen: 12.392 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Tgt Ion:163 Resp: 166227
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.6 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

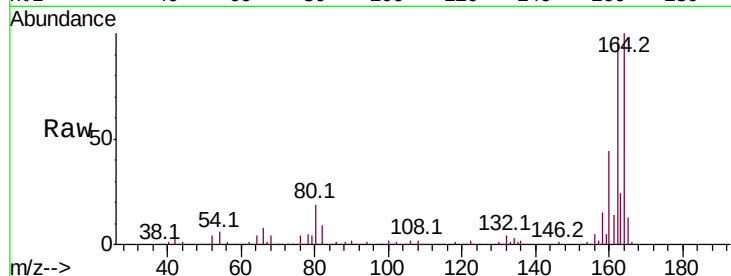




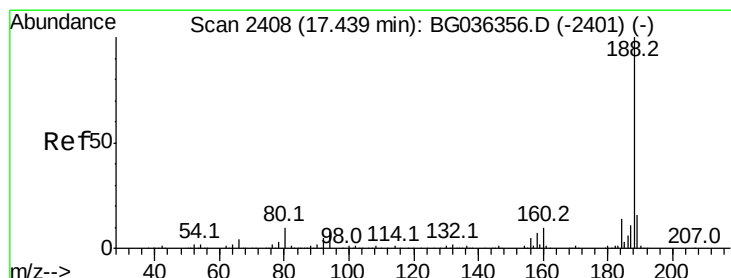
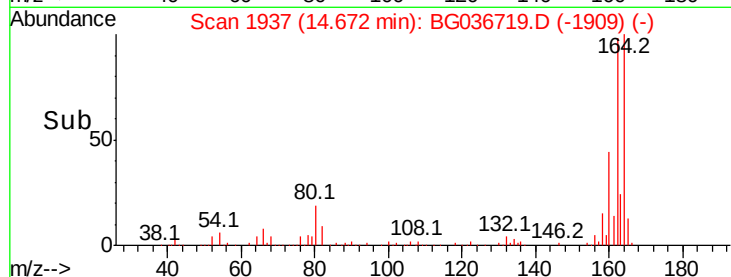
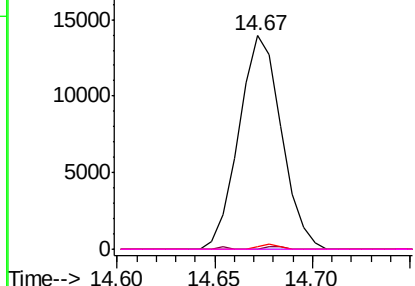
#56
 2,4-Dinitrotoluene
 Concen: 5.858 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036719.D
 Acq: 14 Sep 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21074
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.1 60.1#
 89 1.4 63.7 95.5#
 182 0.0 2.5 3.7#

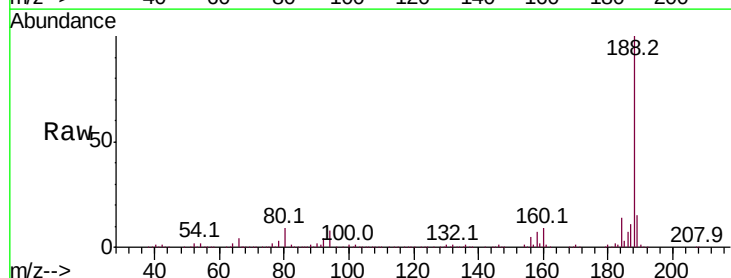


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

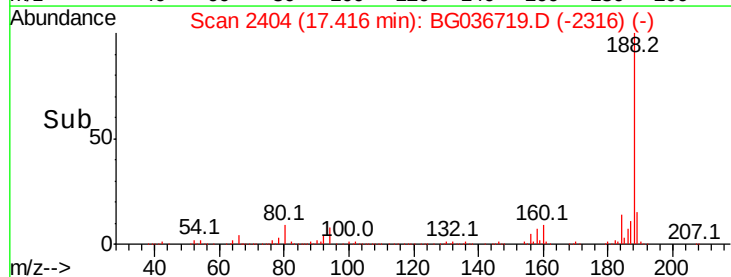
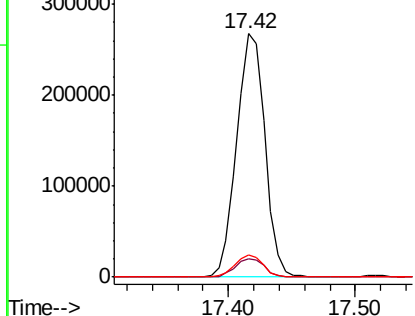


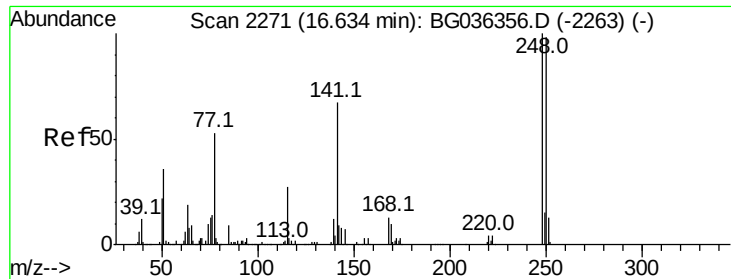
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036719.D
 Acq: 14 Sep 2018 23:56

Tgt Ion:188 Resp: 413581
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 9.3 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

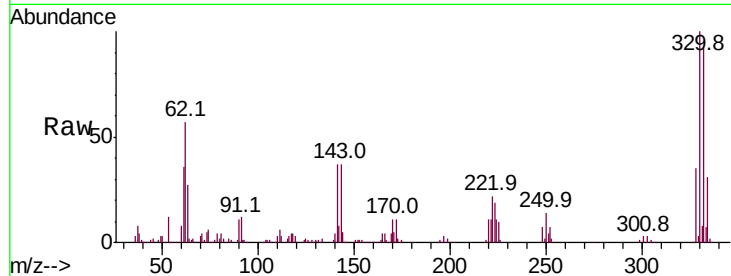




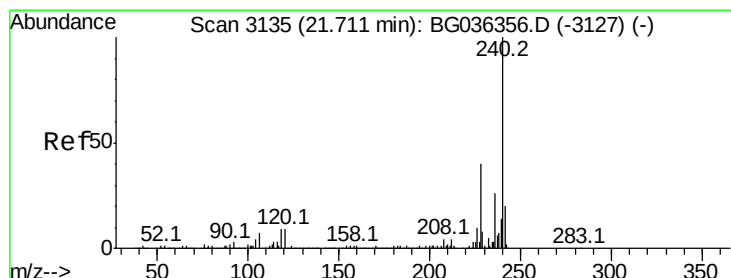
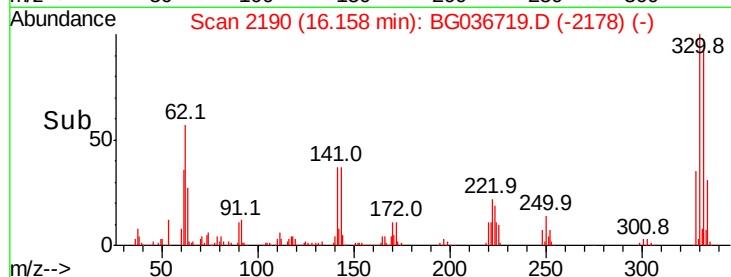
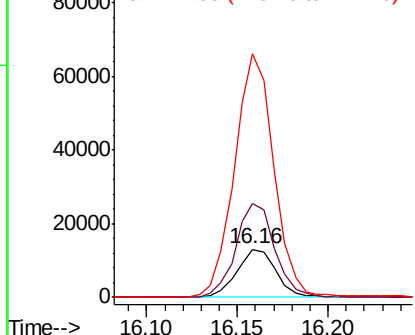
#66
4-Bromophenyl-phenylether
Concen: 3.992 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19331
Ion Ratio Lower Upper
248 100
250 193.4 78.1 117.1#
141 503.3 53.7 80.5#

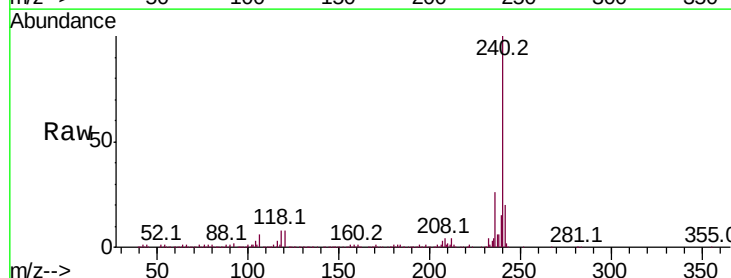


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

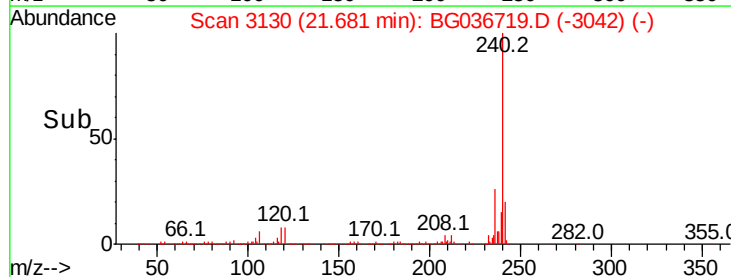
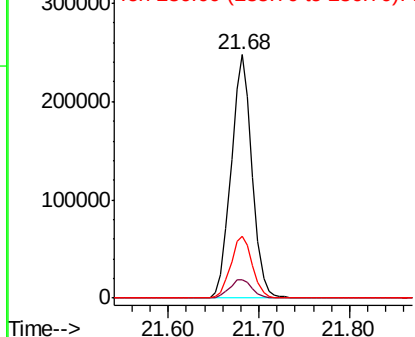


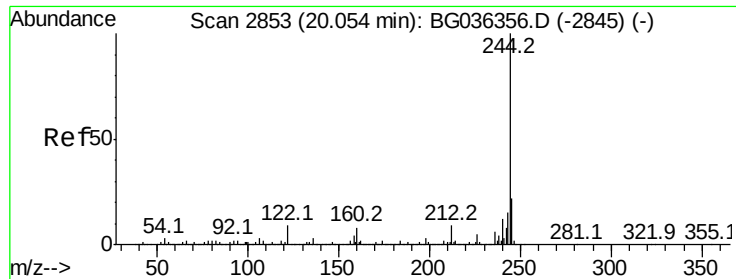
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036719.D
Acq: 14 Sep 2018 23:56

Tgt Ion:240 Resp: 397357
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 25.7 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: 84.431 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036719.D

Acq: 14 Sep 2018 23:56

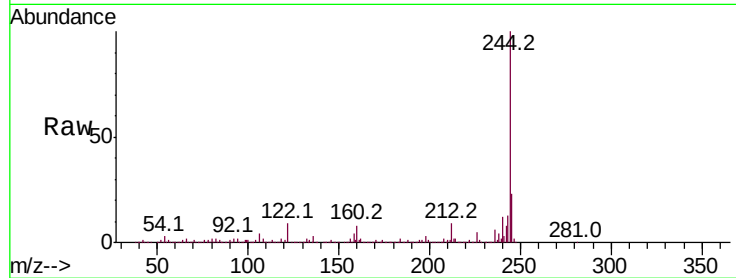
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1435366

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.0	7.1	10.7

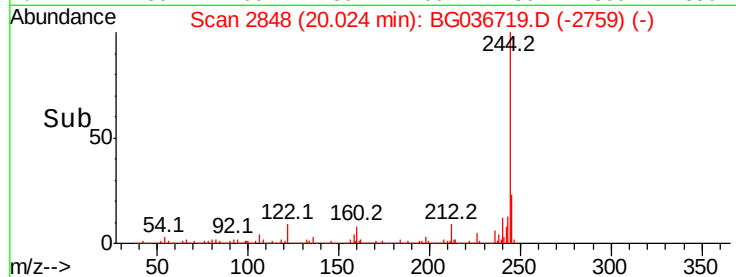


Abundance

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

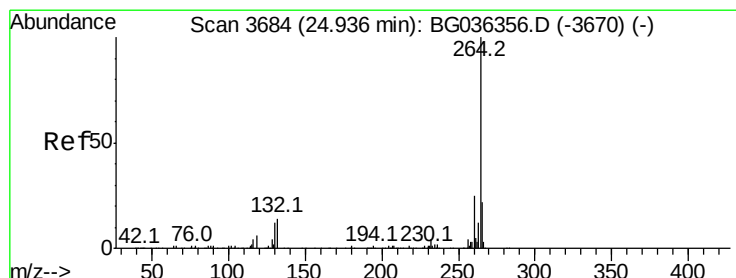


Abundance

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: 24.88 min Scan# 3675

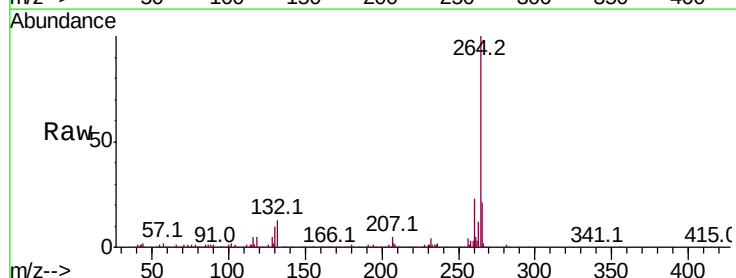
Delta R.T. -0.02 min

Lab File: BG036719.D

Acq: 14 Sep 2018 23:56

Tgt Ion:264 Resp: 412902

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.2	17.4	26.0

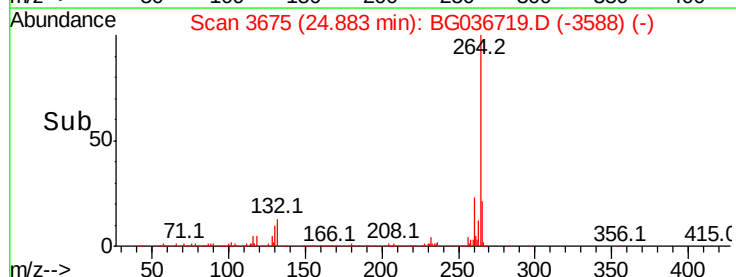


Abundance

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



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