

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036724.D
 Acq On : 15 Sep 2018 3:12
 Operator : JU/SJ
 Sample : J4892-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 03:59:12 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

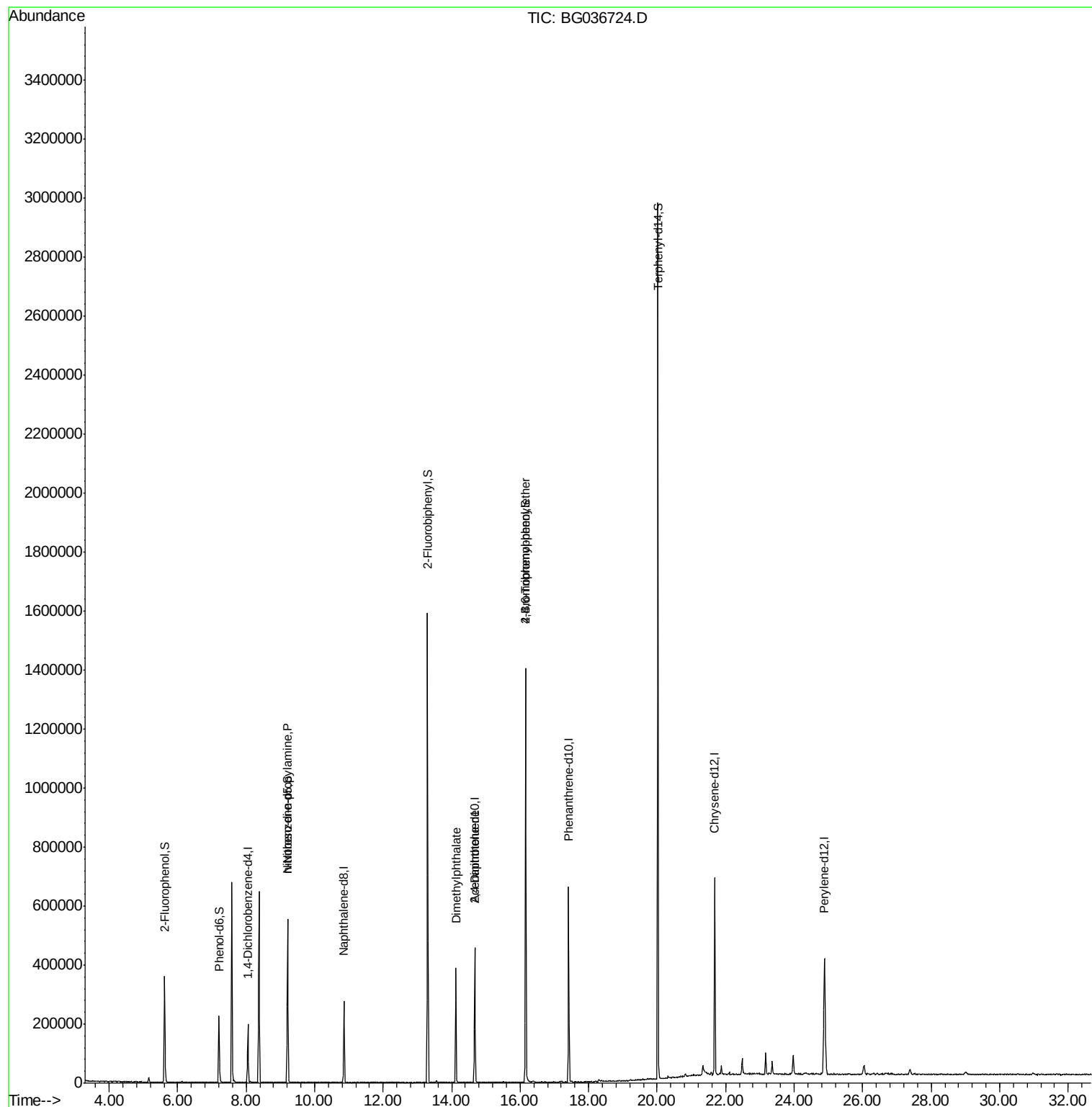
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56023	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	234317	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163191	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	425390	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	416413	20.00	ng	-0.01
86) Perylene-d12	24.88	264	421750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	153139	43.36	ng	0.00
7) Phenol-d6	7.20	99	130579	25.82	ng	-0.01
23) Nitrobenzene-d5	9.21	82	339125	78.53	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	260939	134.01	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	835673	73.12	ng	-0.01
78) Terphenyl-d14	20.02	244	1370949	76.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45278	11.981	ng	# 67
49) Dimethylphthalate	14.12	163	253742	19.042	ng	99
56) 2,4-Dinitrotoluene	14.67	165	21057	5.892	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	18567	3.728	ng	# 1

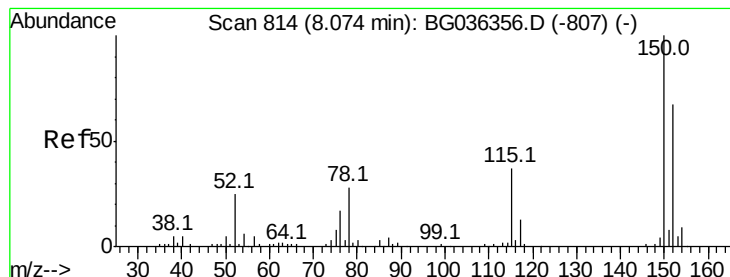
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG036724.D

Acq: 15 Sep 2018 3:12

Instrument :

BNA_G

ClientSampleId :

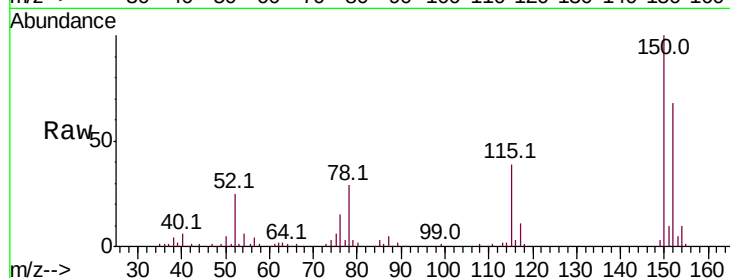
Tot Ion:152 Resp: 56023

Ion Ratio Lower Upper

152 100

150 148.0 119.5 179.3

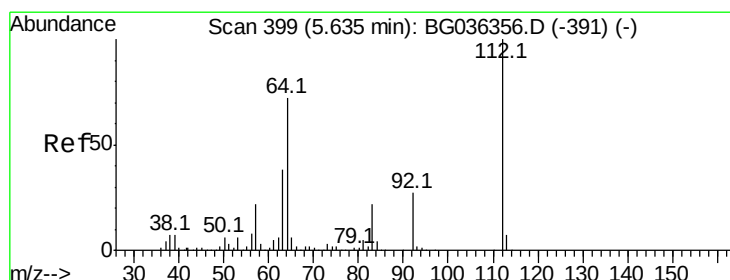
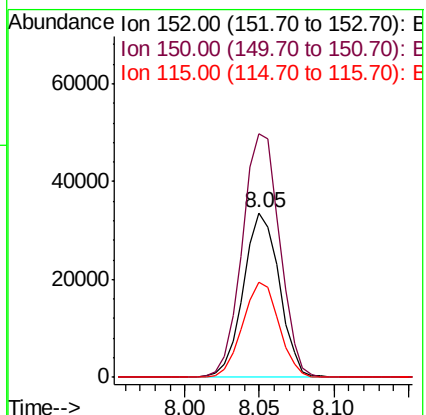
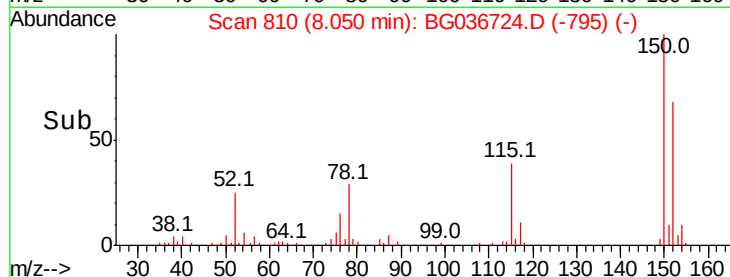
115 57.7 44.5 66.7



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: 43.361 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036724.D

Acq: 15 Sep 2018 3:12

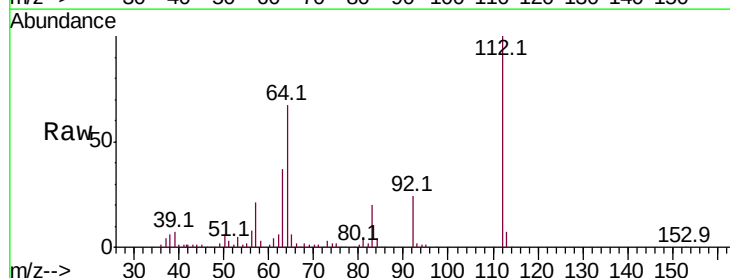
Tgt Ion:112 Resp: 153139

Ion Ratio Lower Upper

112 100

64 67.3 57.2 85.8

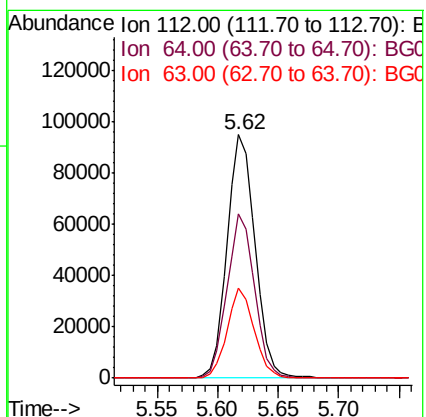
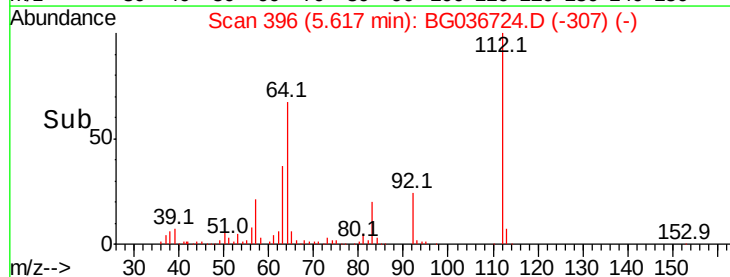
63 37.0 30.8 46.2

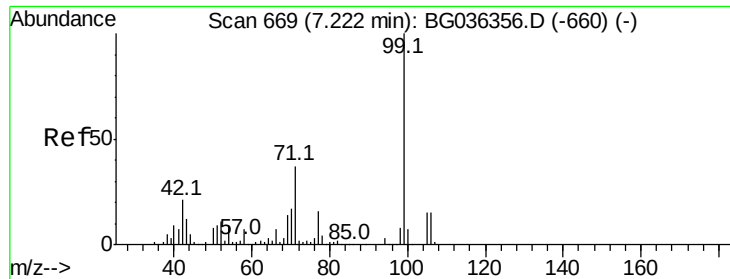


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.824 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036724.D

Acq: 15 Sep 2018 3:12

Instrument :

BNA_G

ClientSampleId :

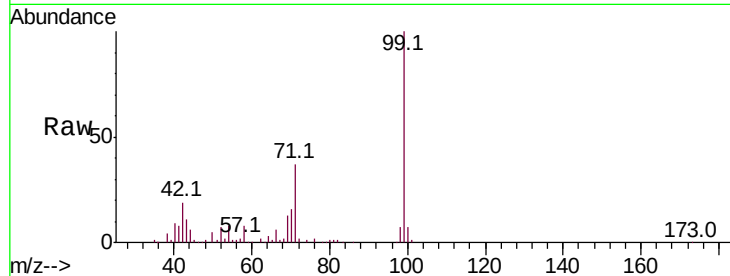
Tot Ion: 99 Resp: 130579

Ion Ratio Lower Upper

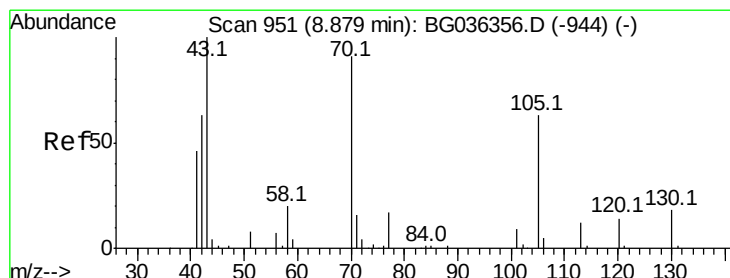
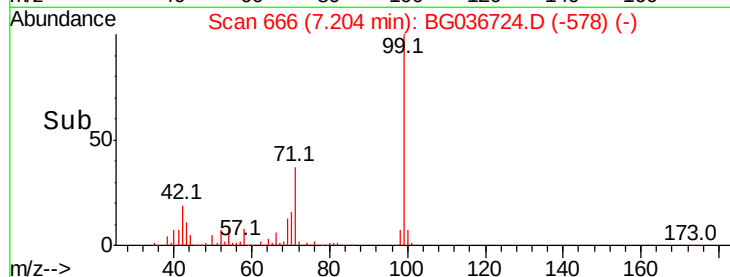
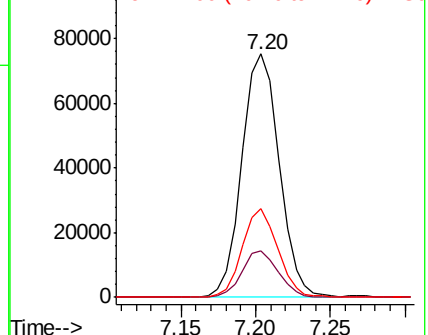
99 100

42 19.3 16.5 24.7

71 36.5 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: 11.981 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036724.D

Acq: 15 Sep 2018 3:12

Tgt Ion: 70 Resp: 45278

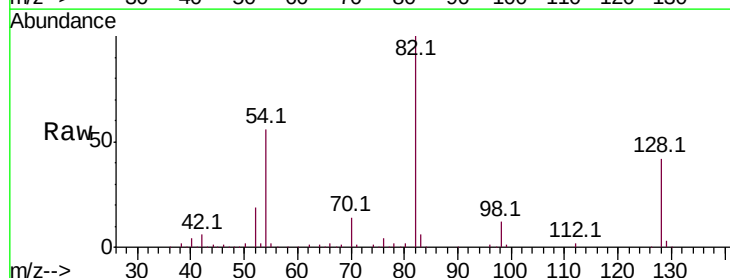
Ion Ratio Lower Upper

70 100

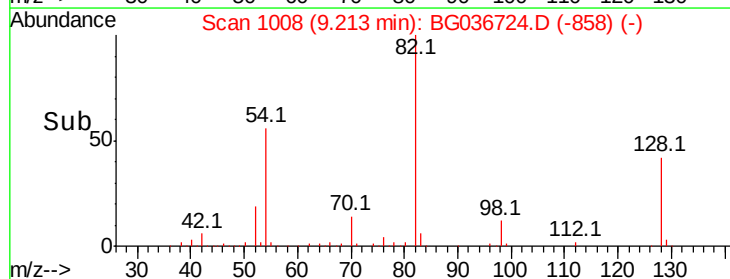
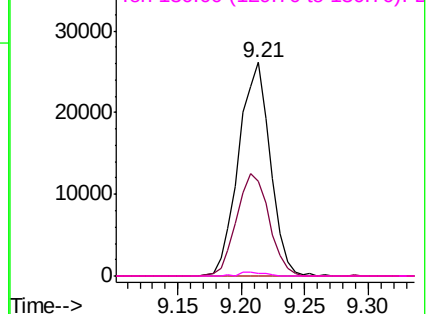
42 44.3 56.2 84.4#

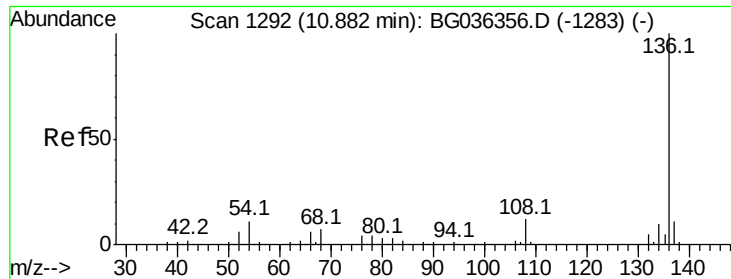
101 0.0 7.8 11.6#

130 1.0 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

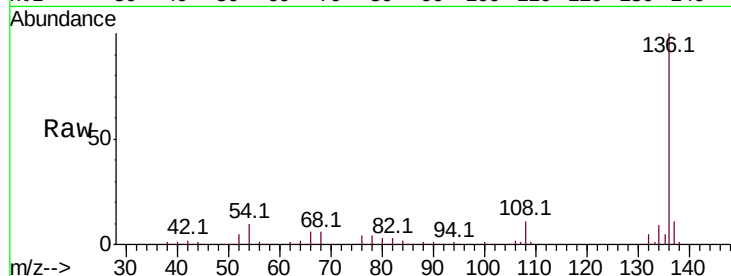




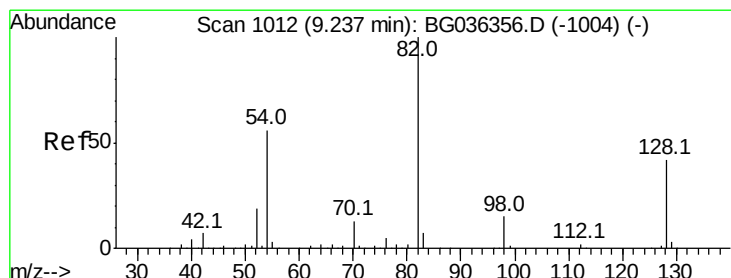
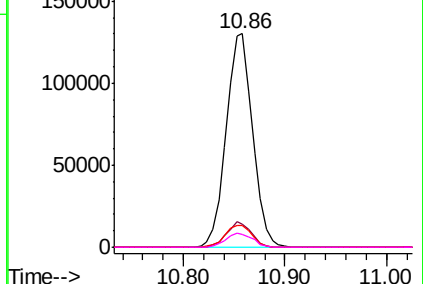
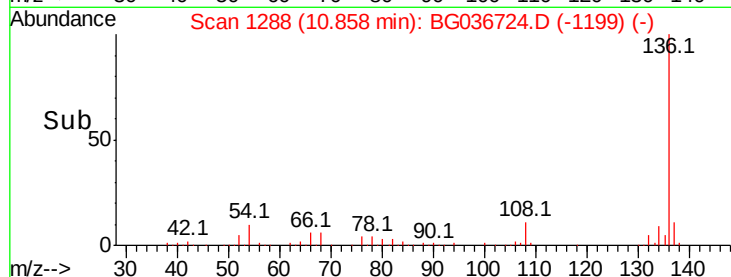
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036724.D
Acq: 15 Sep 2018 3:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	234317
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.4	9.2	13.8
68	6.1	5.8	8.6

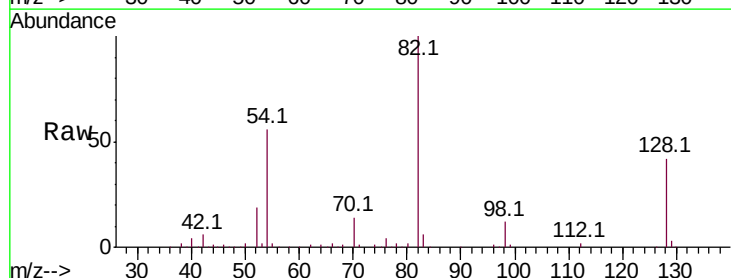


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

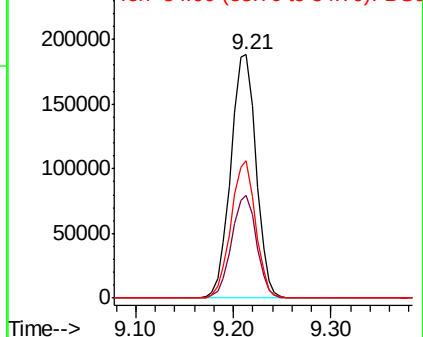
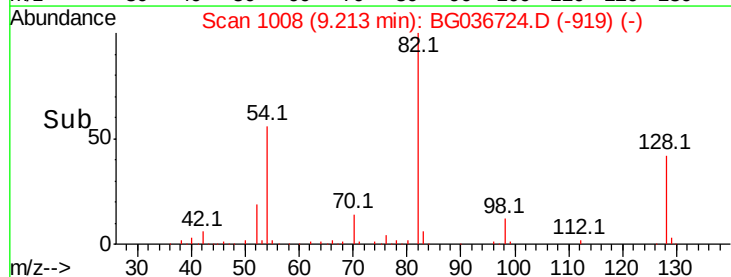


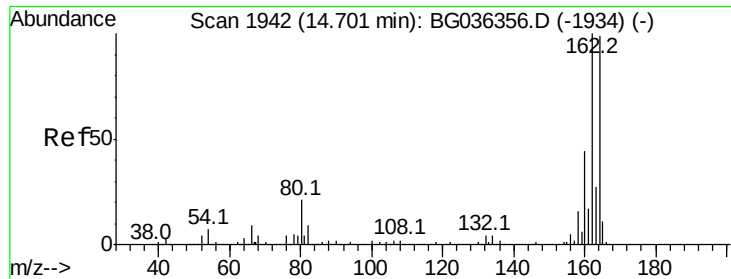
#23
Nitrobenzene-d5
Concen: 78.525 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036724.D
Acq: 15 Sep 2018 3:12

Tgt Ion:	82	Resp:	339125
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	56.3	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
250000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

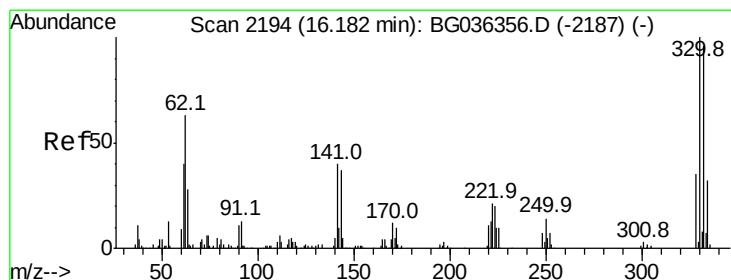
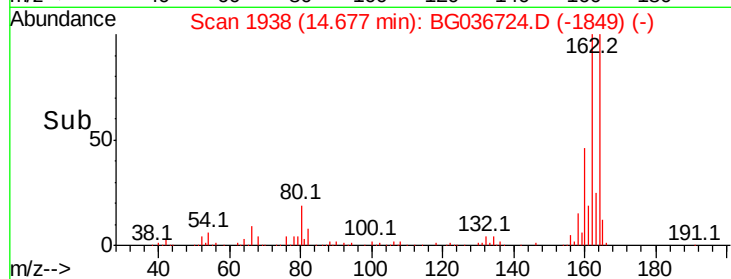
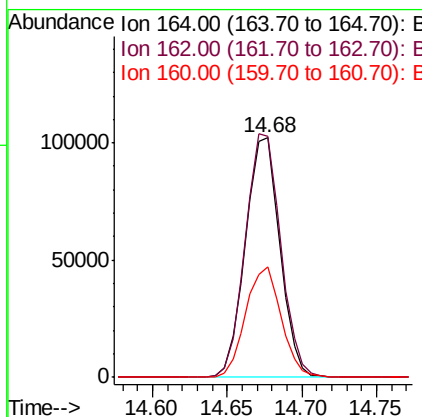
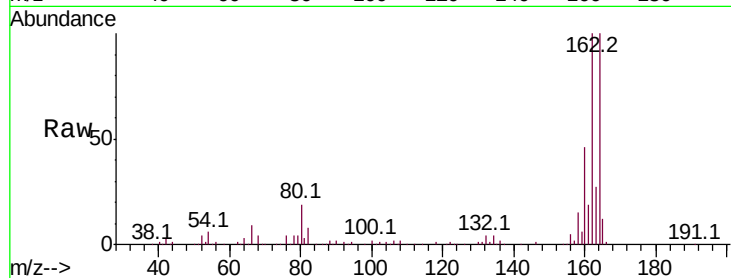




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036724.D
 Acq: 15 Sep 2018 3:12

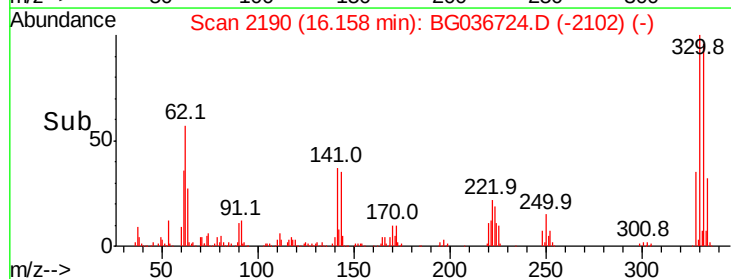
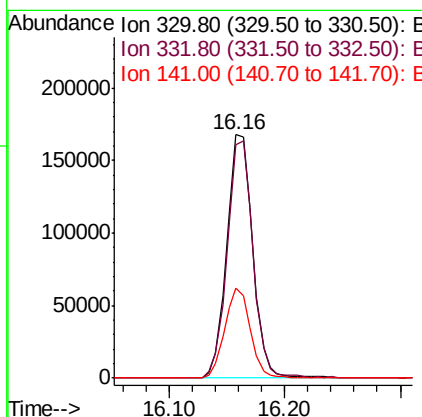
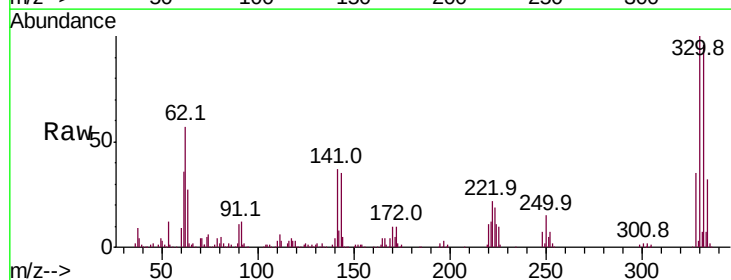
Instrument :
 BNA_G
 ClientSampled :

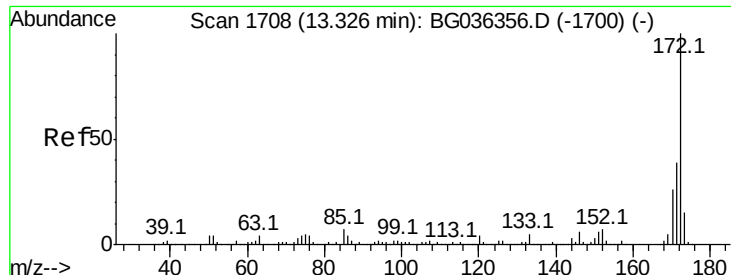
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	46.0	35.3	52.9



#41
 2,4,6-Tribromophenol
 Concen: 134.005 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036724.D
 Acq: 15 Sep 2018 3:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.2
141	36.9	30.7	46.1

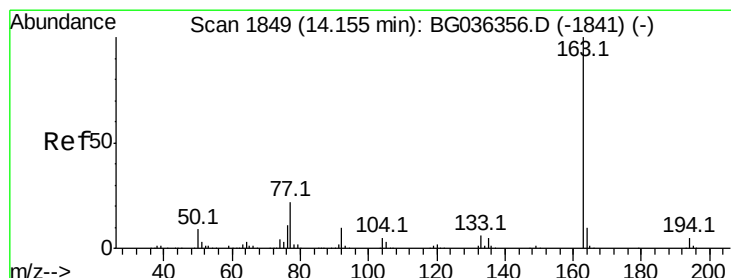
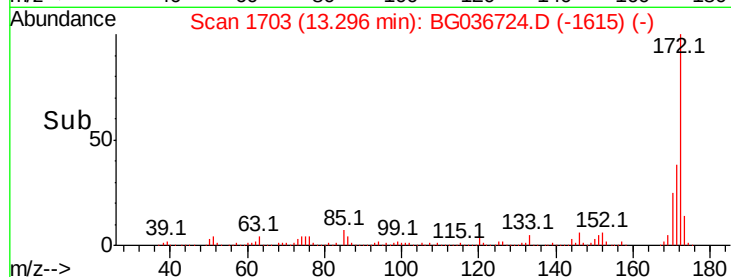
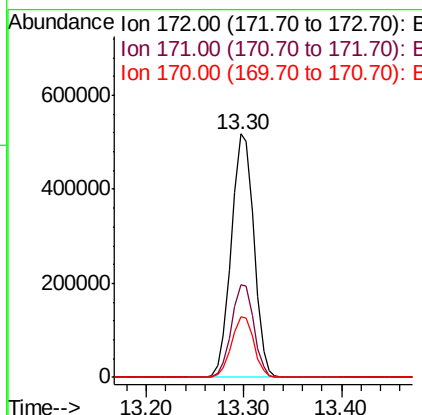
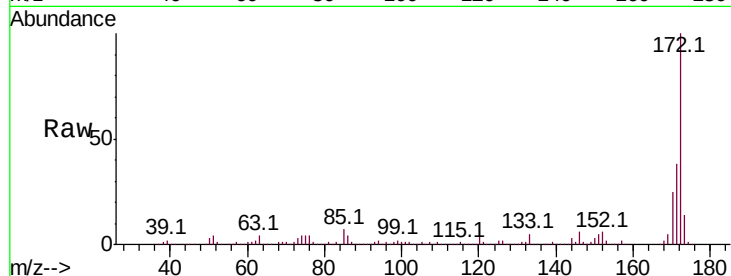




#44
2-Fluorobiphenyl
Concen: 73.116 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036724.D
Acq: 15 Sep 2018 3:12

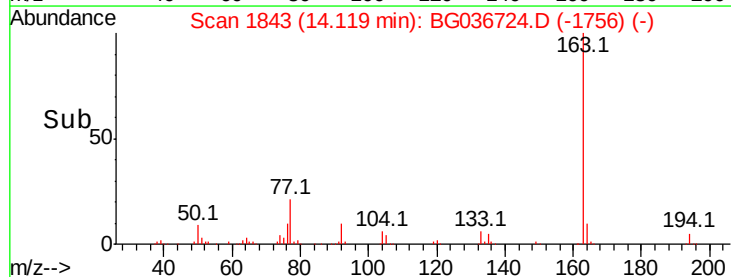
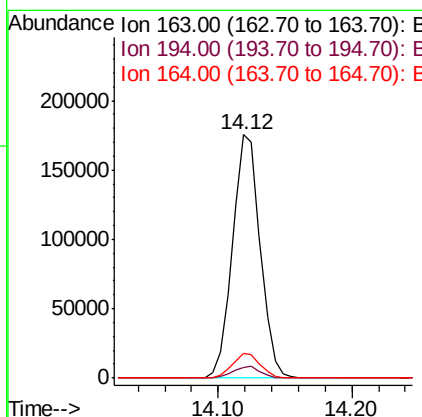
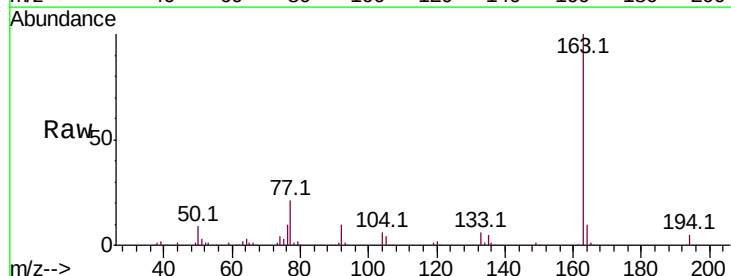
Instrument :
BNA_G
ClientSampleId :

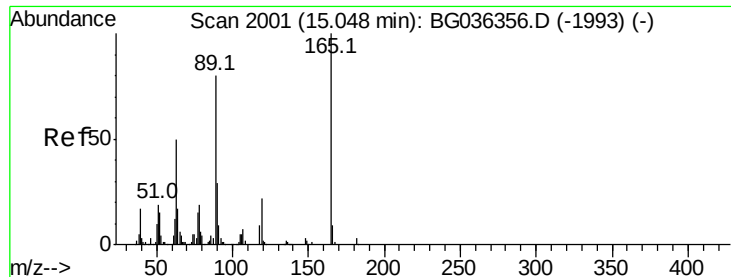
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.8	21.0	31.6



#49
Dimethylphthalate
Concen: 19.042 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036724.D
Acq: 15 Sep 2018 3:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	10.4	8.1	12.1





#56

2,4-Dinitrotoluene

Concen: 5.892 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.37 min

Lab File: BG036724.D

Acq: 15 Sep 2018 3:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 21057

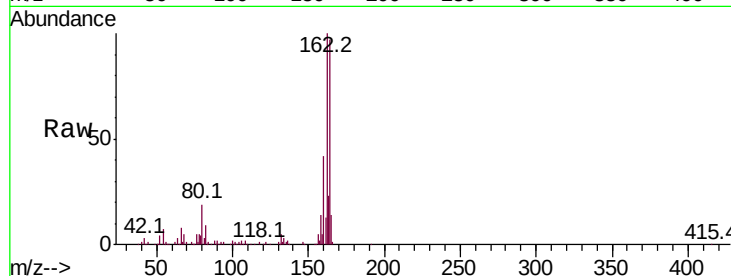
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 1.3 63.7 95.5#

182 0.0 2.5 3.7#

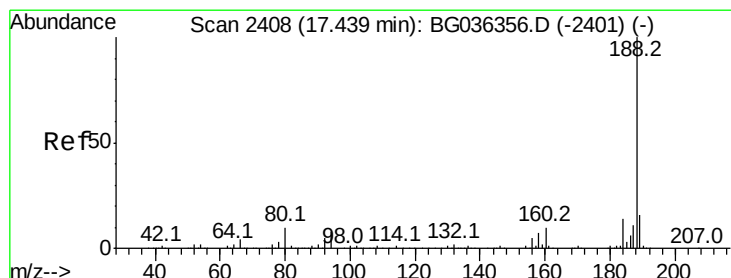
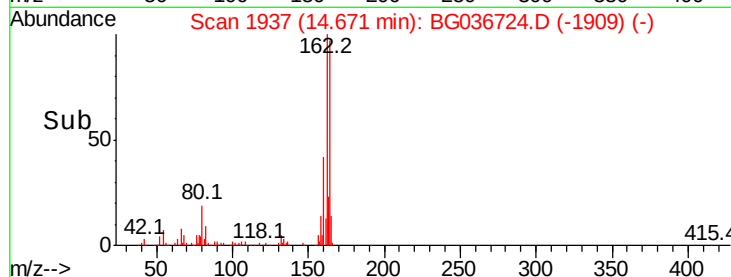
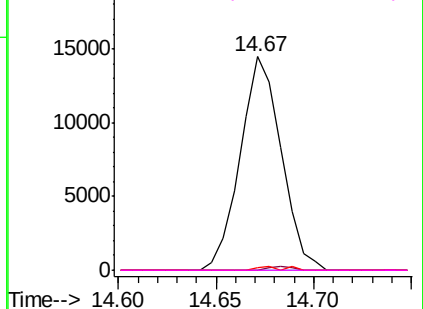


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG036724.D

Acq: 15 Sep 2018 3:12

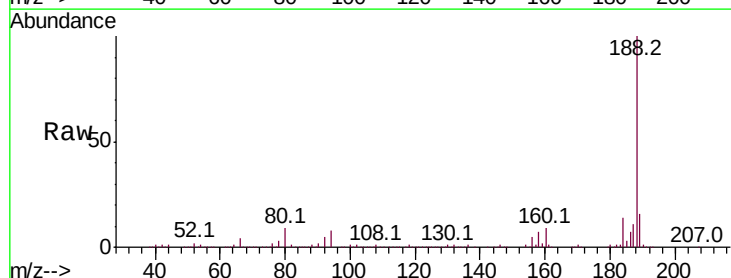
Tgt Ion:188 Resp: 425390

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

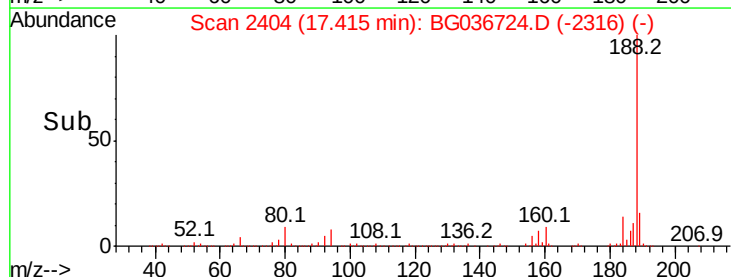
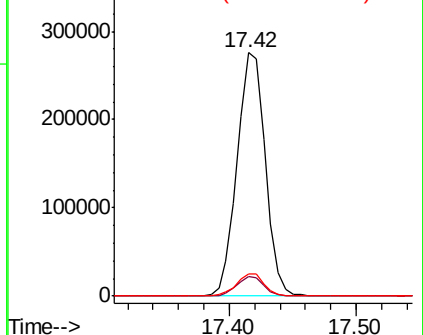
80 9.2 8.1 12.1

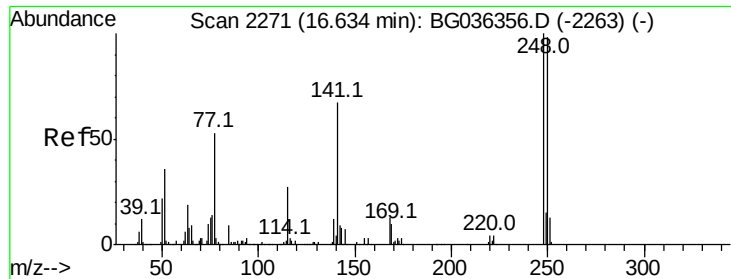


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

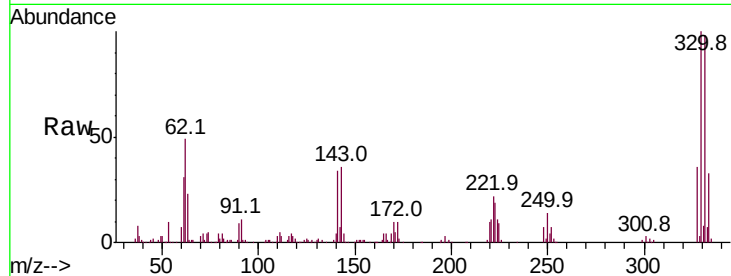




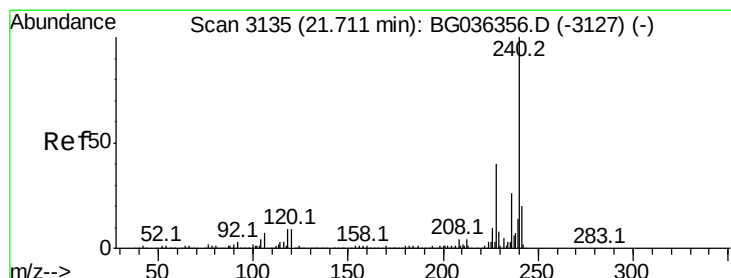
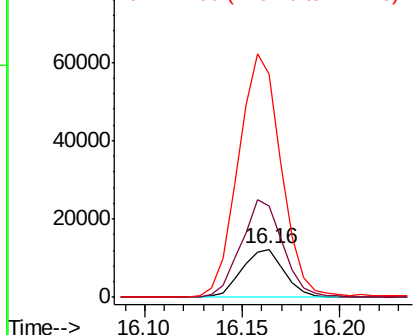
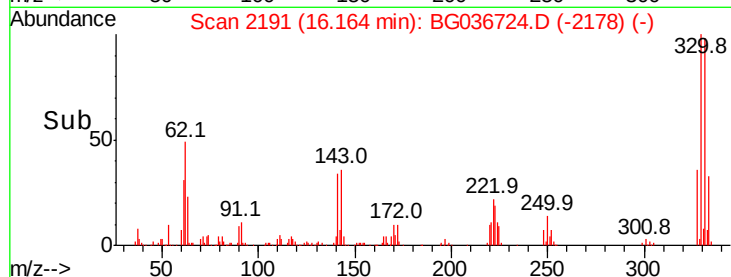
#66
 4-Bromophenyl-phenylether
 Concen: 3.728 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036724.D
 Acq: 15 Sep 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18567
 Ion Ratio Lower Upper
 248 100
 250 190.3 78.1 117.1#
 141 466.1 53.7 80.5#

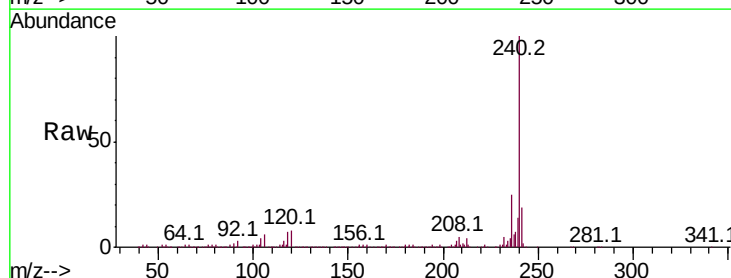


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

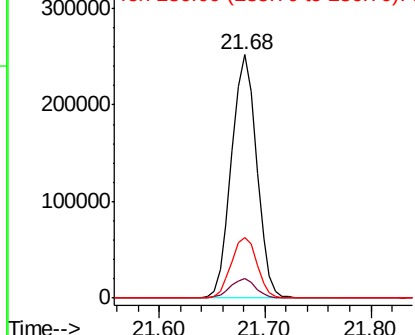
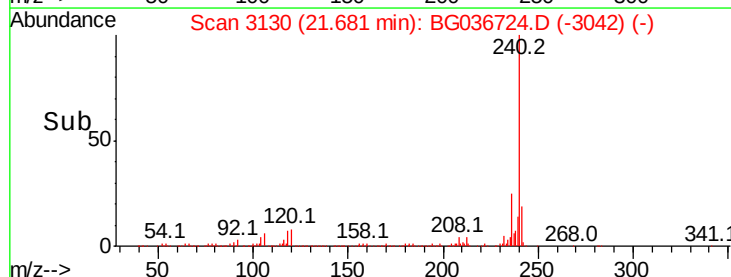


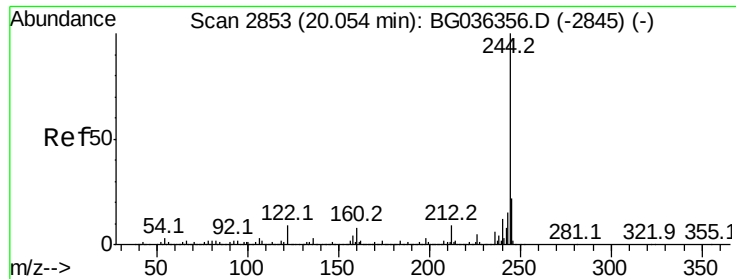
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036724.D
 Acq: 15 Sep 2018 3:12

Tgt Ion:240 Resp: 416413
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.9 10.3
 236 24.7 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



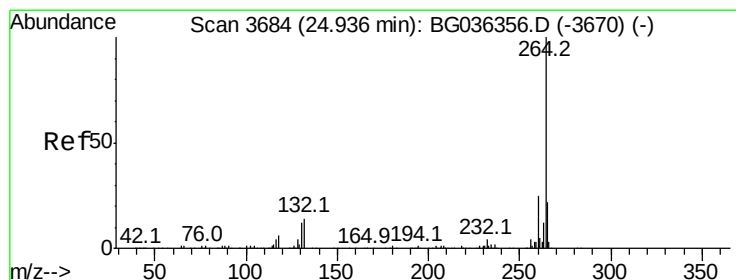
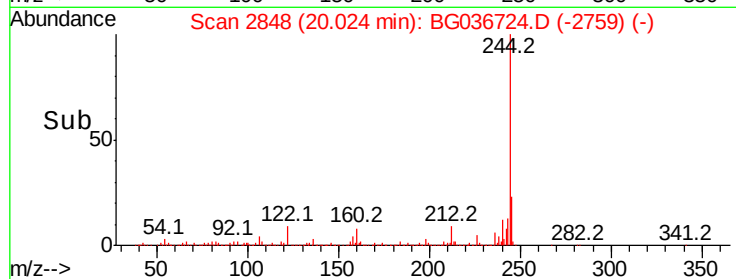
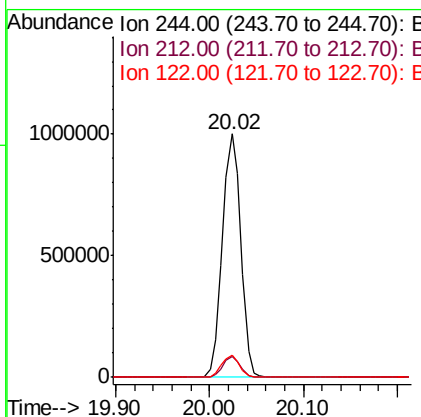
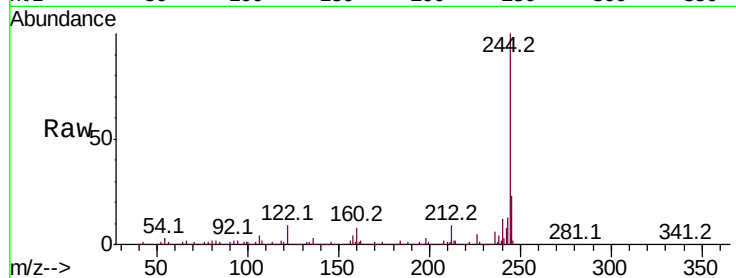


#78
 Terphenyl-d14
 Concen: 76.952 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036724.D
 Acq: 15 Sep 2018 3:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1370949

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036724.D
 Acq: 15 Sep 2018 3:12

Tgt Ion:264 Resp: 421750

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.8	17.4	26.0

