

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036703.D
 Acq On : 14 Sep 2018 11:54
 Operator : JU/SJ
 Sample : PB112800BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 12:29:59 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

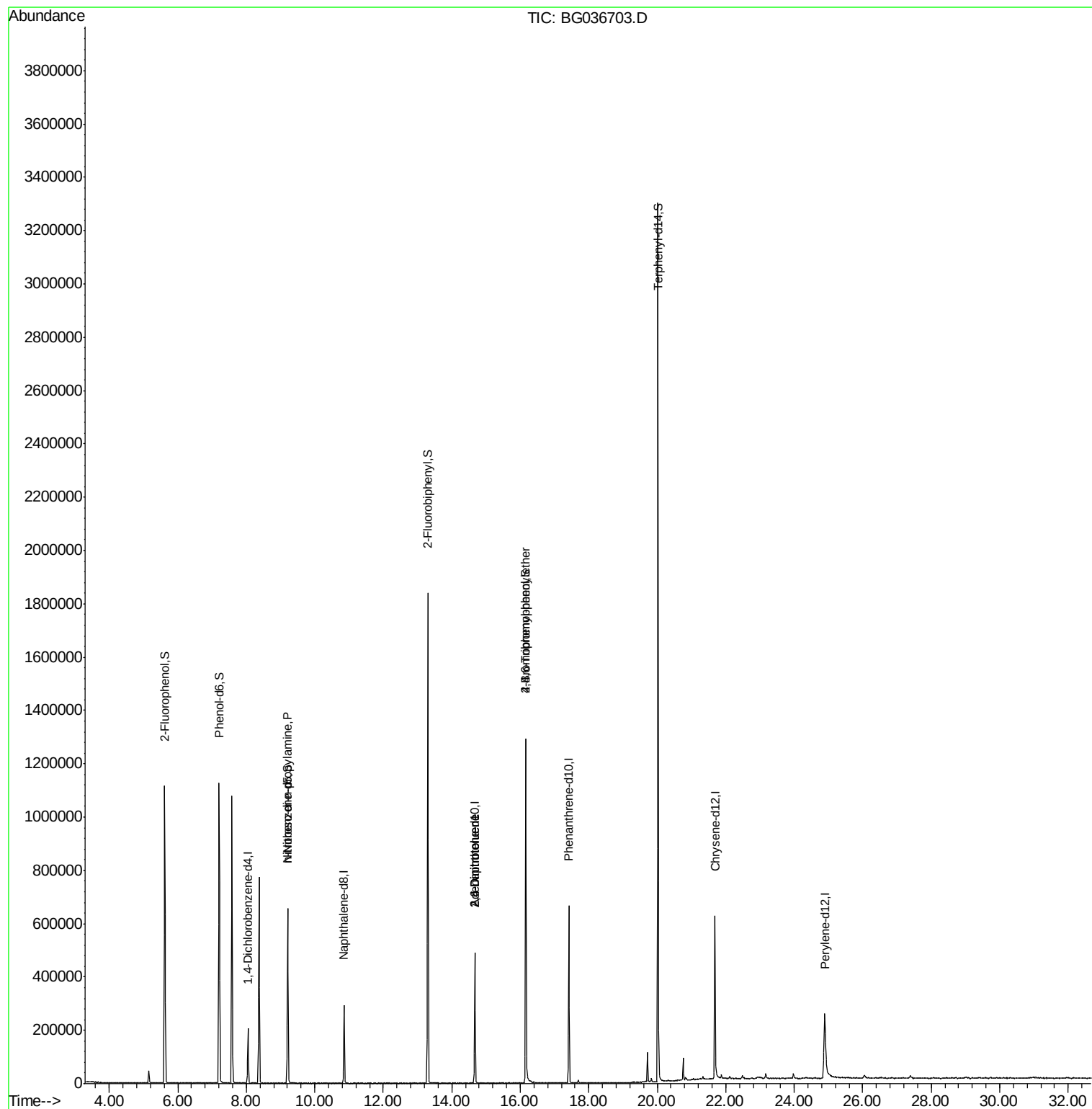
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57810	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	251320	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	170833	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	428479	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	441836	20.00	ng	-0.01
86) Perylene-d12	24.89	264	366289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	463074	127.07	ng	0.00
7) Phenol-d6	7.21	99	660311	126.55	ng	-0.01
23) Nitrobenzene-d5	9.21	82	404414	87.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	258136	126.64	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	977594	81.71	ng	-0.01
78) Terphenyl-d14	20.02	244	1597848	84.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	53191	13.640	ng	# 68
50) 2,6-Dinitrotoluene	14.67	165	21924	7.638	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	21924	5.860	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	17738	3.536	ng	# 1

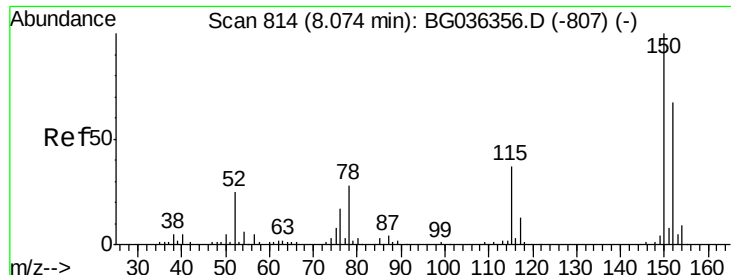
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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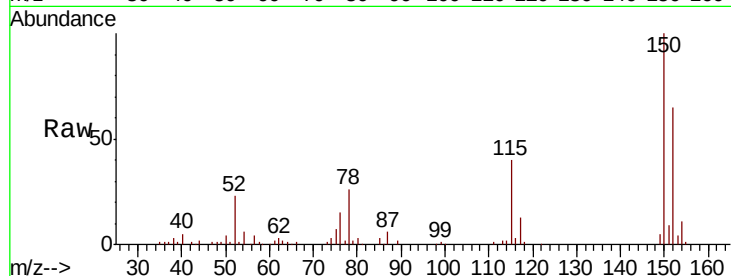


#1

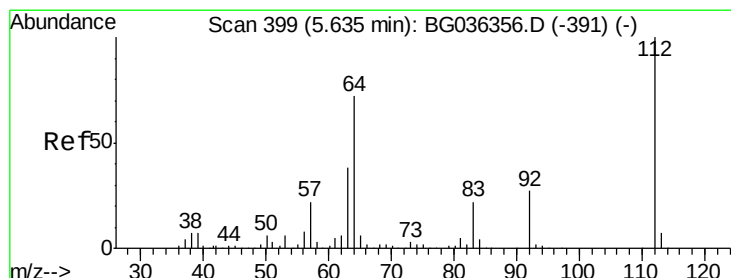
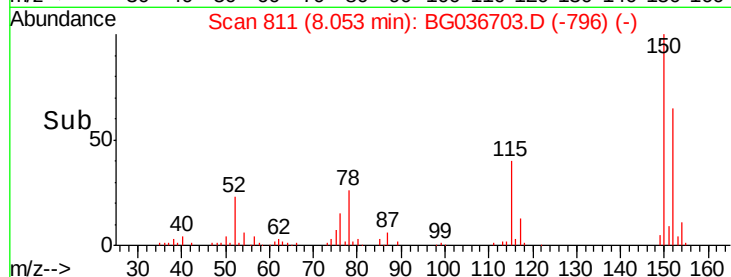
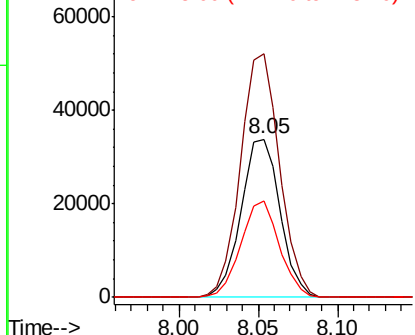
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57810
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 61.2 44.5 66.7



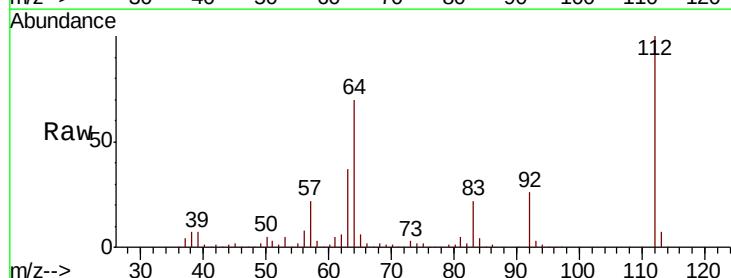
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



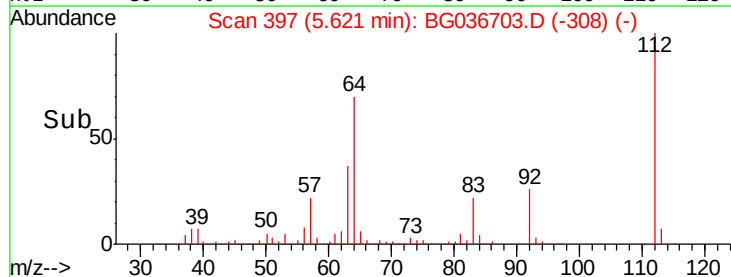
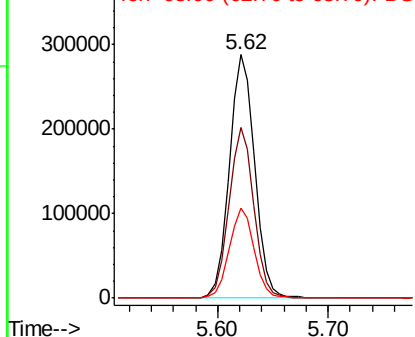
#5

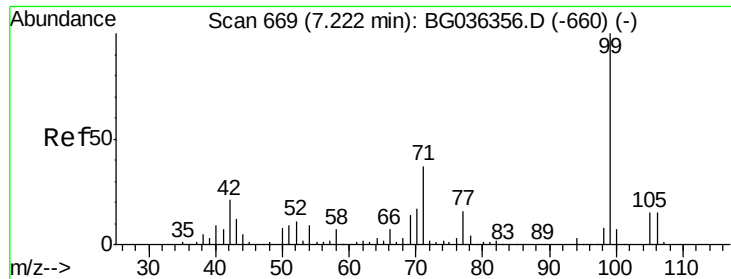
2-Fluorophenol
Concen: 127.067 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Tgt Ion:112 Resp: 463074
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 37.2 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: 126.550 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036703.D

Acq: 14 Sep 2018 11:54

Instrument :

BNA_G

ClientSampled :

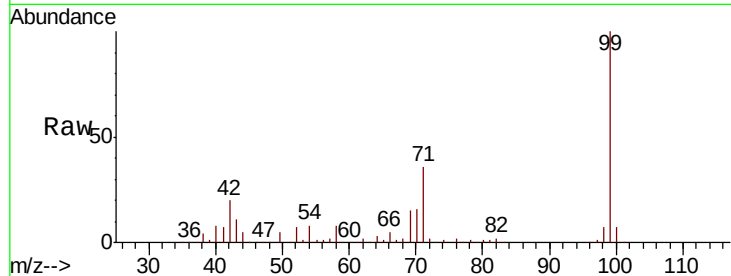
Tot Ion: 99 Resp: 660311

Ion Ratio Lower Upper

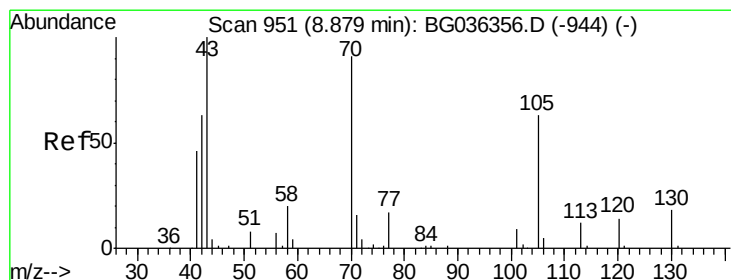
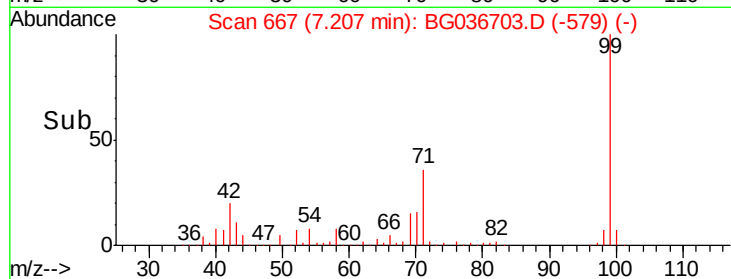
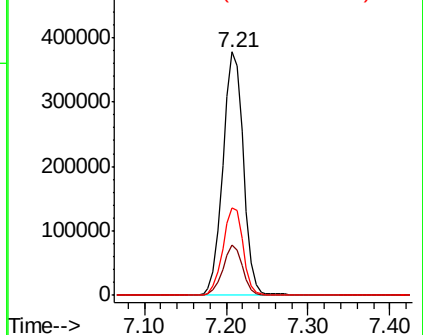
99 100

42 20.4 16.5 24.7

71 36.0 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: 13.640 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036703.D

Acq: 14 Sep 2018 11:54

Tgt Ion: 70 Resp: 53191

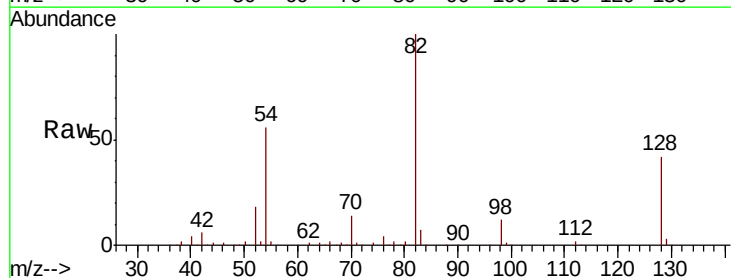
Ion Ratio Lower Upper

70 100

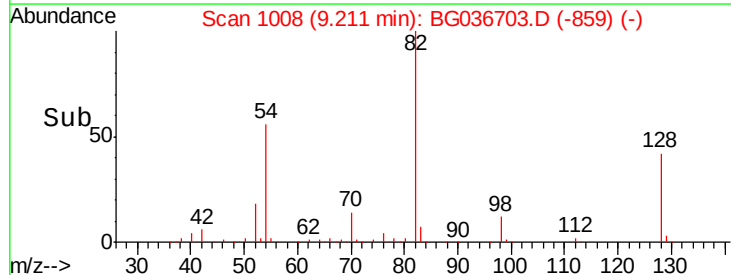
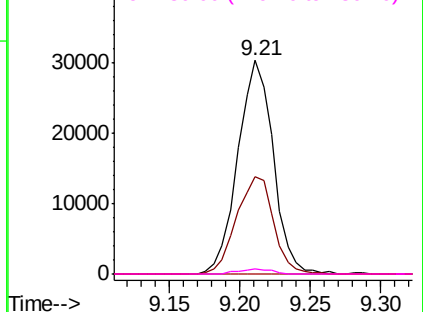
42 45.4 56.2 84.4#

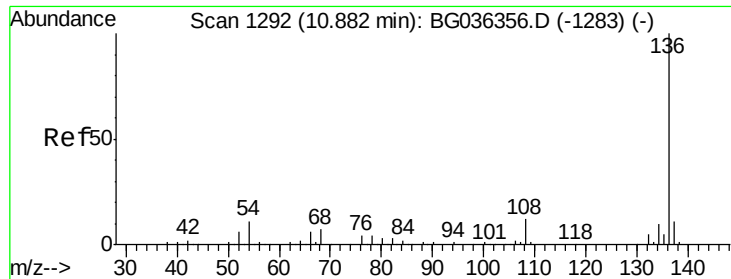
101 0.0 7.8 11.6#

130 2.2 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

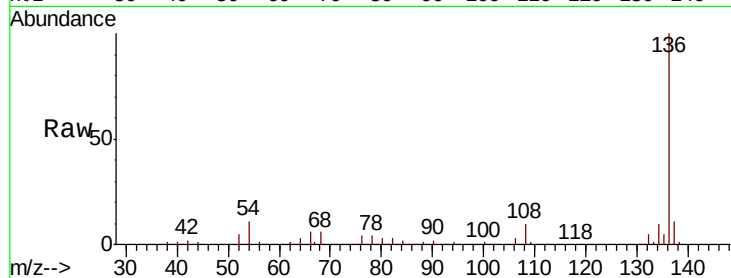




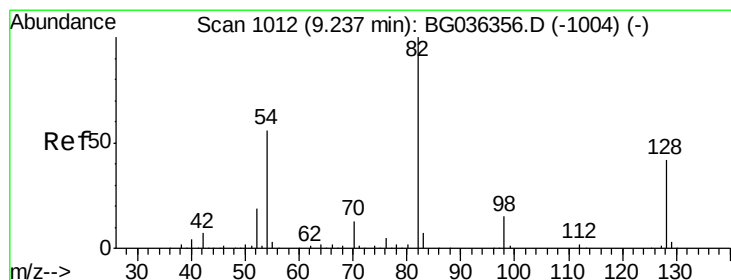
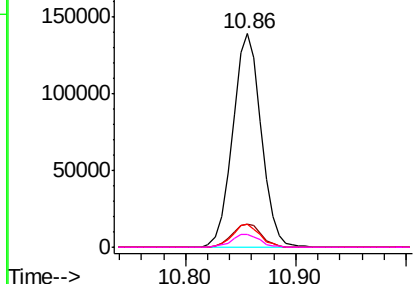
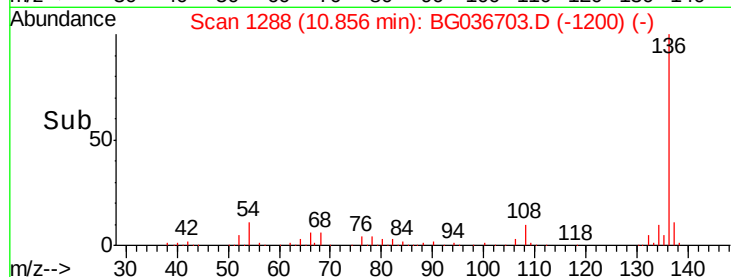
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	251320
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 10.8	9.2	13.8
68 6.2	5.8	8.6

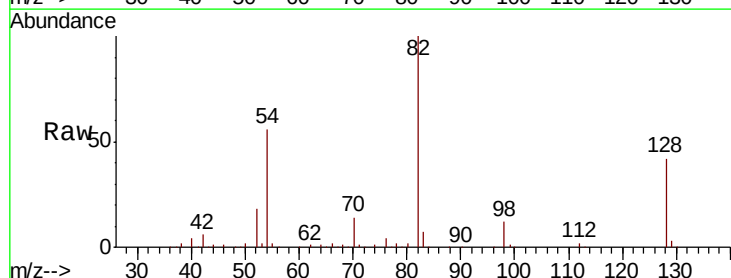


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

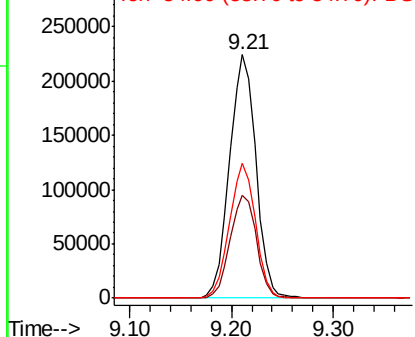
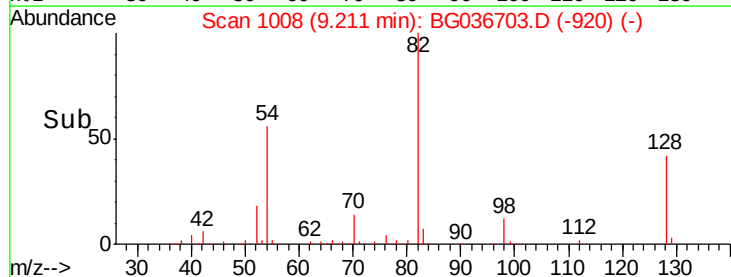


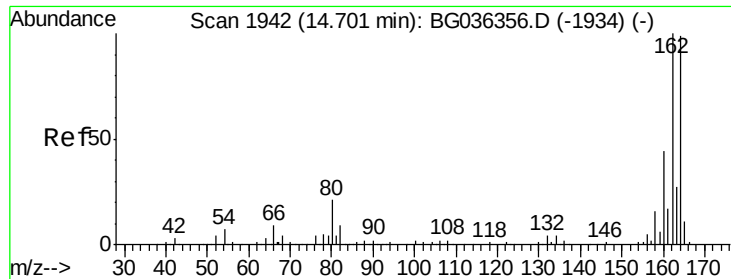
#23
Nitrobenzene-d5
Concen: 87.308 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Tgt Ion: 82	Resp: 404414
Ion Ratio	Lower Upper
82 100	
128 42.3	33.3 49.9
54 55.6	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: BG036703.D

Acq: 14 Sep 2018 11:54

Instrument :

BNA_G

ClientSampleId :

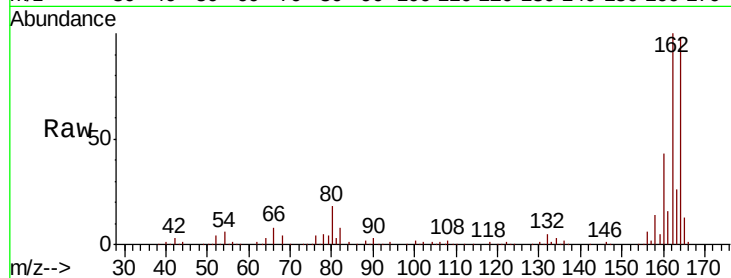
Tot Ion:164 Resp: 170833

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

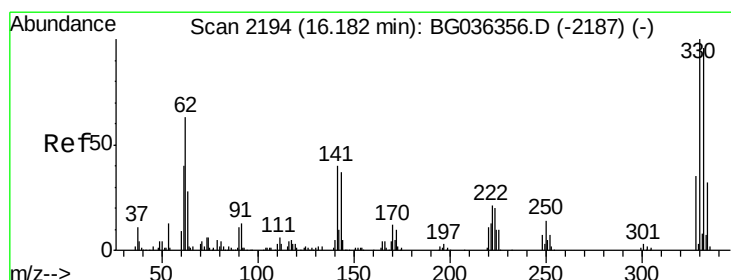
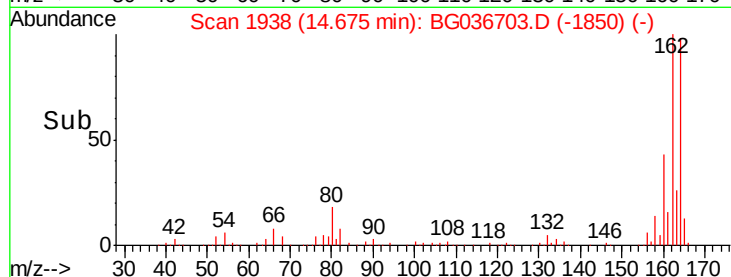
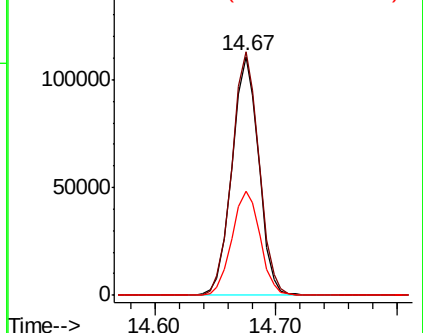
160 43.4 35.3 52.9



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: 126.635 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036703.D

Acq: 14 Sep 2018 11:54

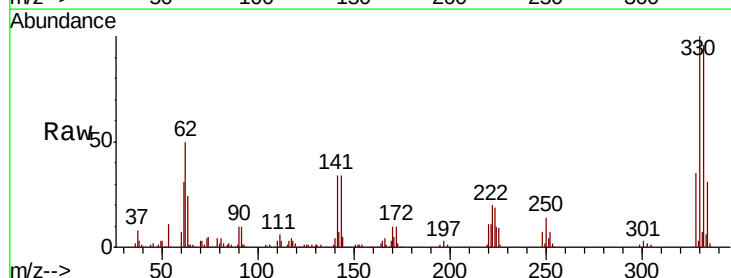
Tgt Ion:330 Resp: 258136

Ion Ratio Lower Upper

330 100

332 94.0 75.4 113.2

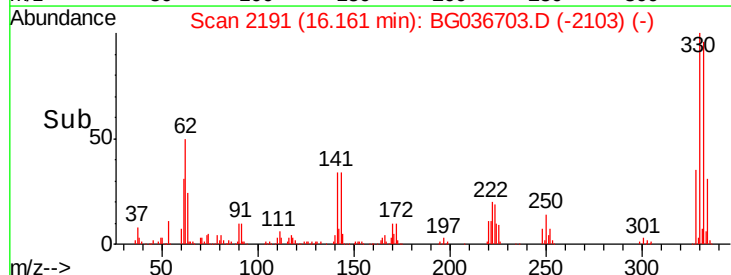
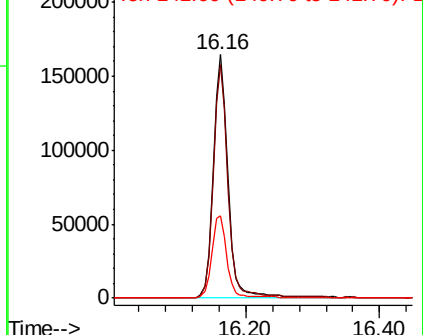
141 34.7 30.7 46.1

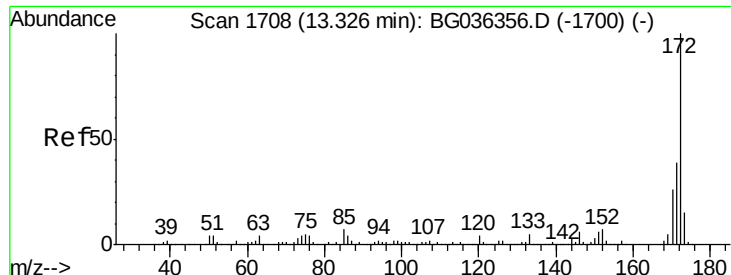


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

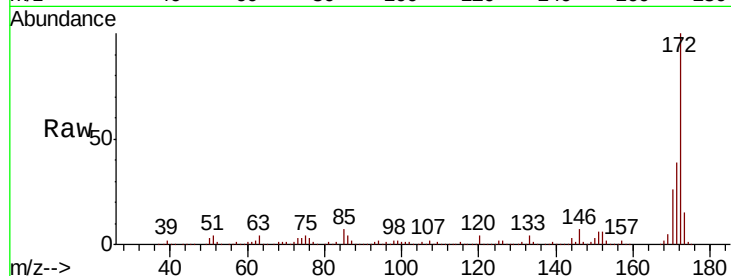




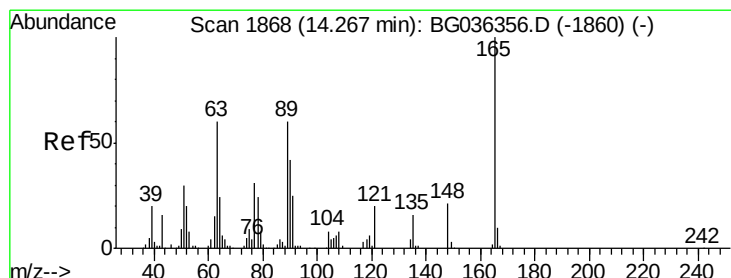
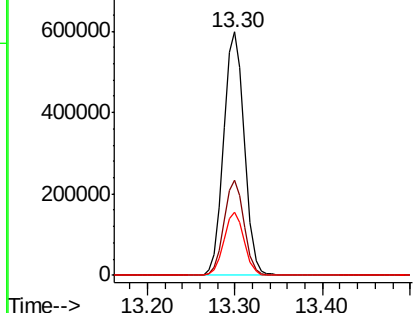
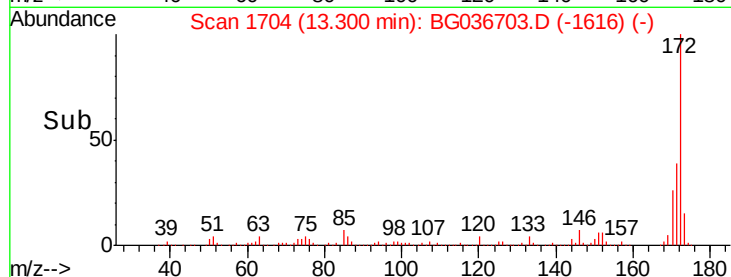
#44
 2-Fluorobiphenyl
 Concen: 81.707 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 977594
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.3 46.9
 170 26.0 21.0 31.6

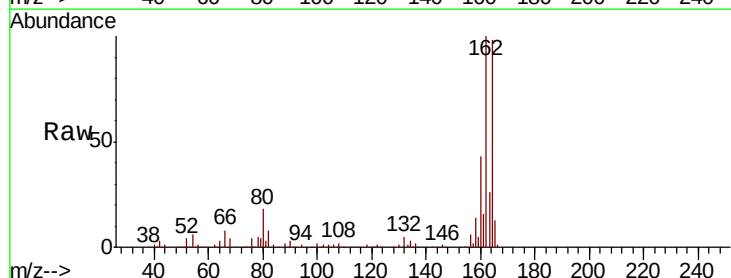


Abundance Ion 172.00 (171.70 to 172.70): E
 800000 Ion 171.00 (170.70 to 171.70): E
 600000 Ion 170.00 (169.70 to 170.70): E

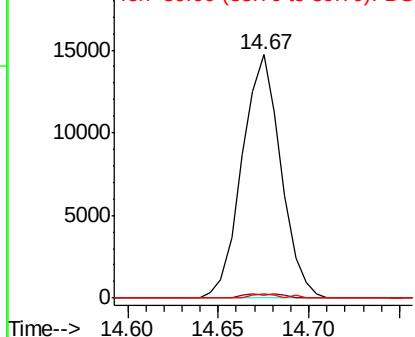
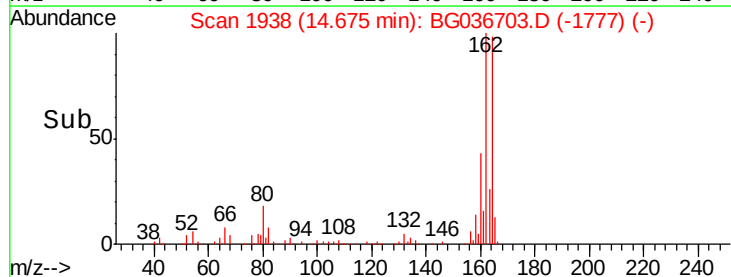


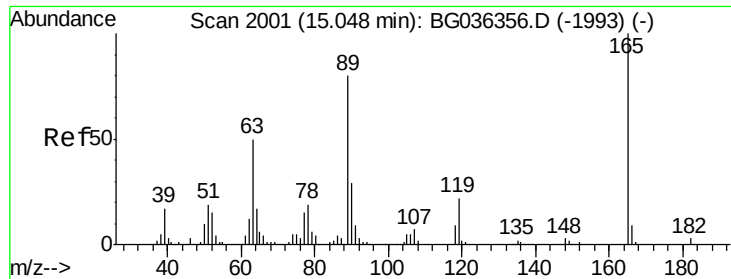
#50
 2,6-Dinitrotoluene
 Concen: 7.638 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Tgt Ion:165 Resp: 21924
 Ion Ratio Lower Upper
 165 100
 63 1.2 50.1 75.1#
 89 2.0 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BG
 15000 Ion 89.00 (88.70 to 89.70): BG

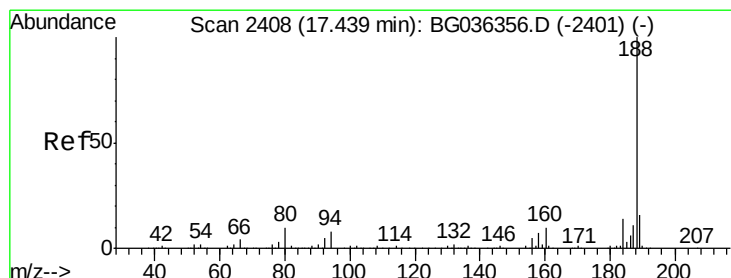
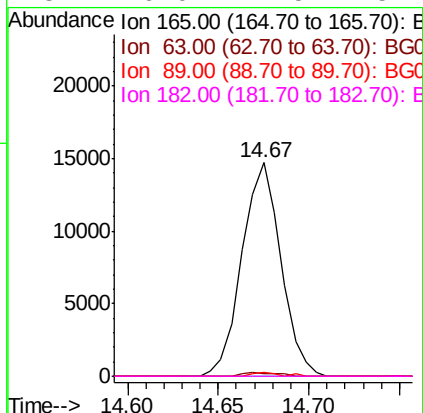
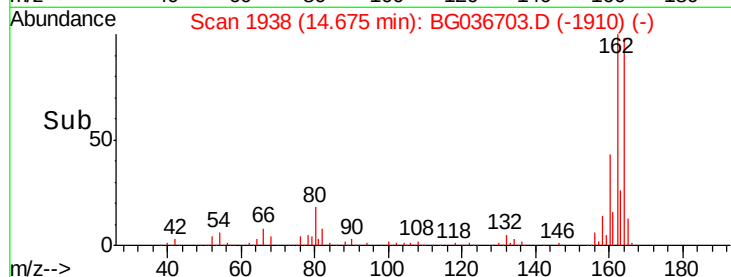
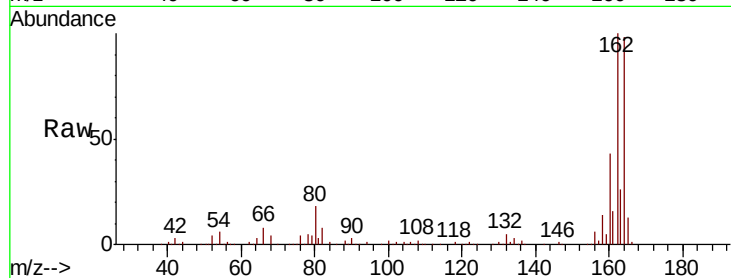




#56
 2,4-Dinitrotoluene
 Concen: 5.860 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

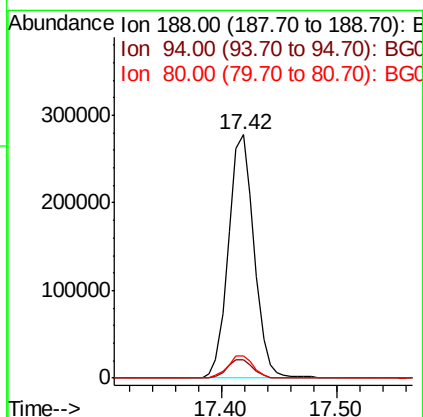
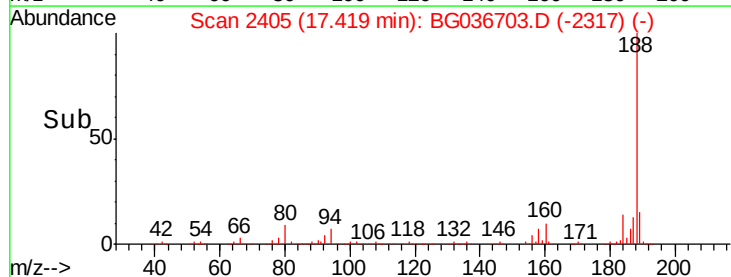
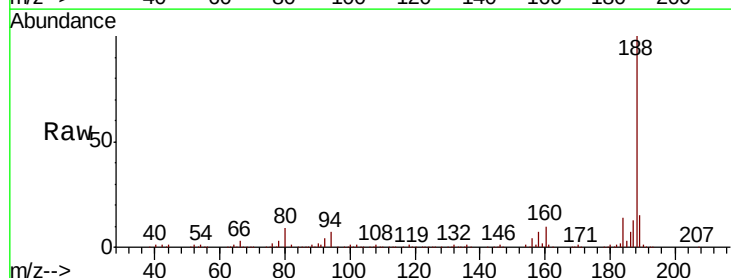
Instrument :
 BNA_G
 ClientSampleId :

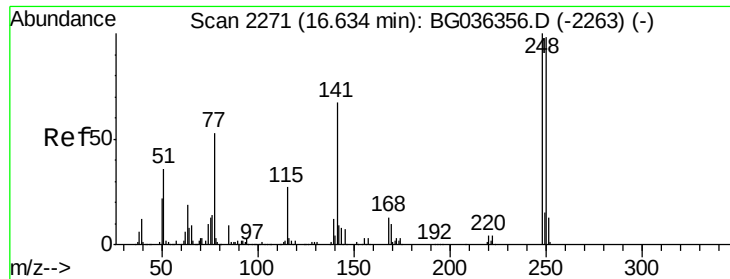
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.1	8.1	12.1

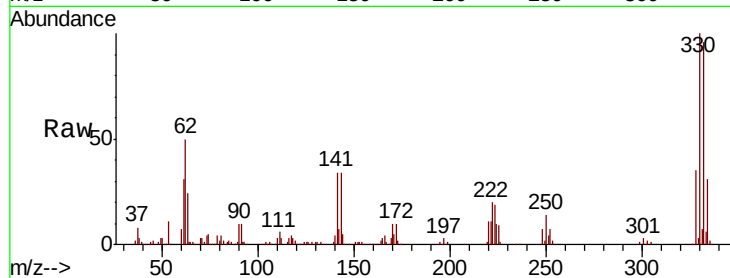




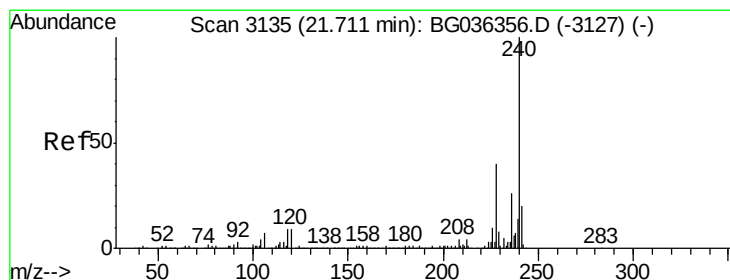
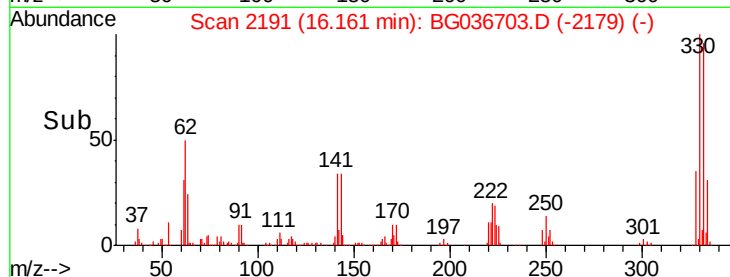
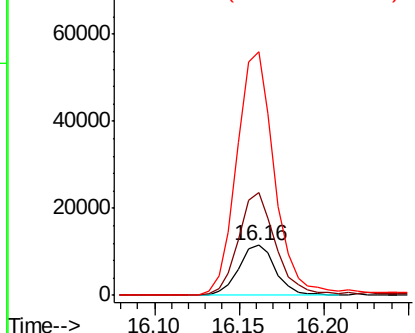
#66
4-Bromophenyl-phenylether
Concen: 3.536 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17738
Ion Ratio Lower Upper
248 100
250 204.0 78.1 117.1#
141 485.8 53.7 80.5#

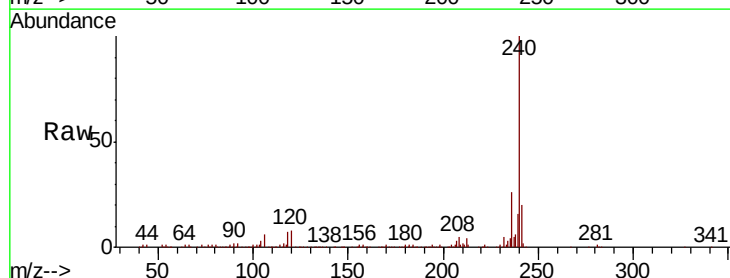


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

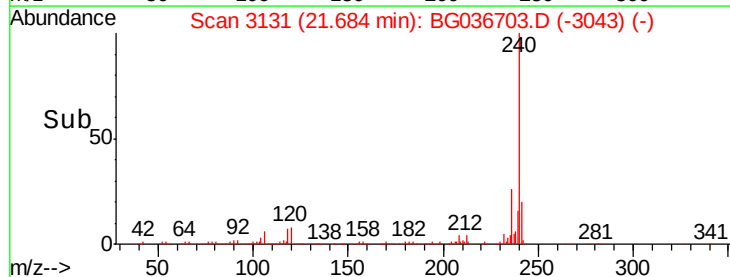
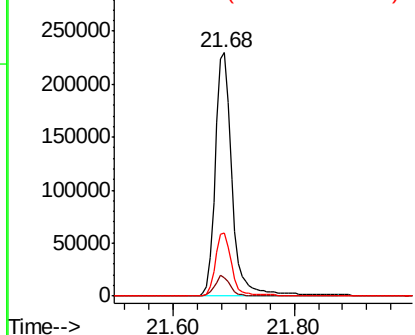


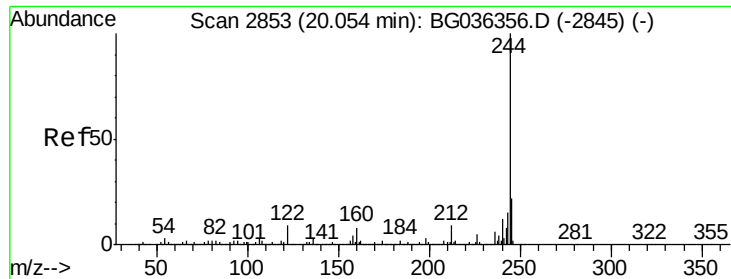
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Tgt Ion:240 Resp: 441836
Ion Ratio Lower Upper
240 100
120 7.5 6.9 10.3
236 25.8 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



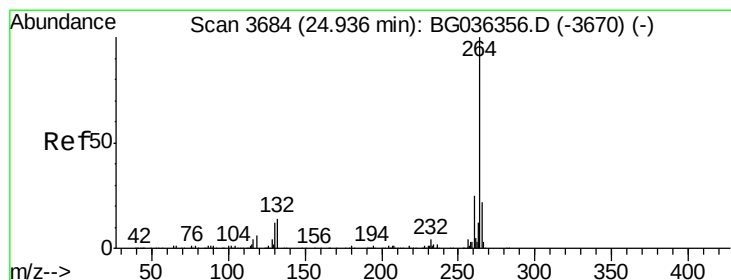
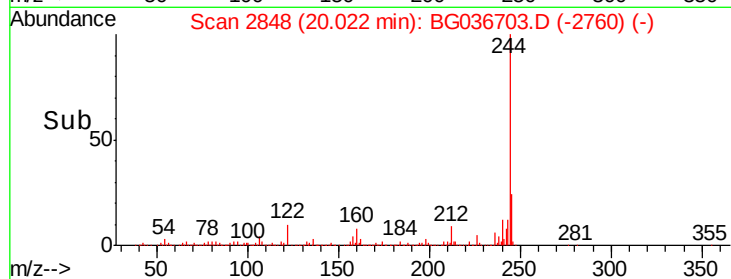
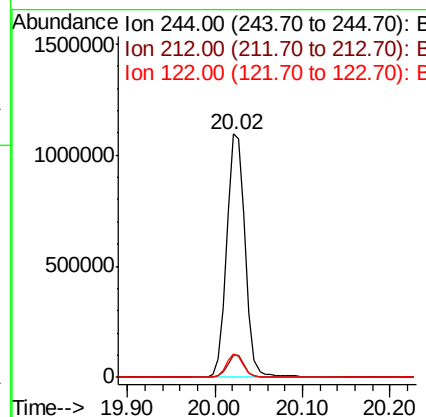
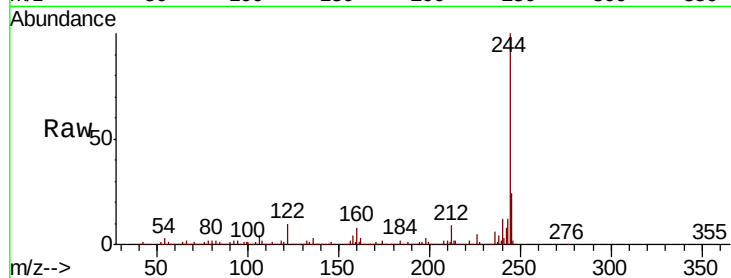


#78
 Terphenyl-d14
 Concen: 84.527 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1597848

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Tgt Ion:264 Resp: 366289

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.9	17.4	26.0

