

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036714.D
 Acq On : 14 Sep 2018 20:40
 Operator : JU/SJ
 Sample : J4906-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:11:45 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

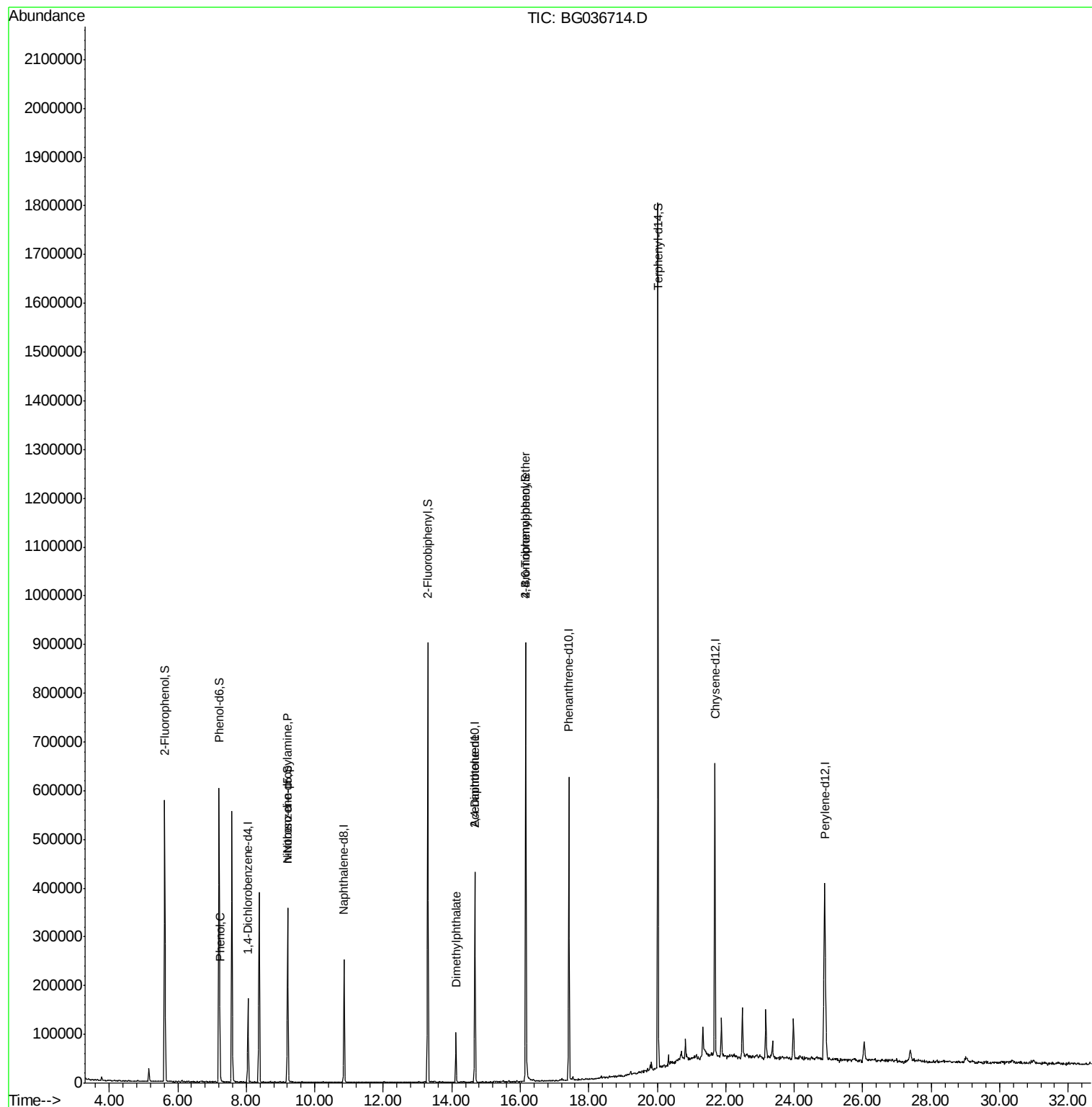
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49668	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	211447	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	147218	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	393161	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	375576	20.00	ng	-0.01
86) Perylene-d12	24.89	264	387377	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	244608	78.12	ng	0.00
7) Phenol-d6	7.21	99	345606	77.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	215371	55.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	179013	101.91	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	472684	45.84	ng	-0.01
78) Terphenyl-d14	20.02	244	850462	52.93	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	11851	2.526	ng	85
19) n-Nitroso-di-n-propylamine	9.21	70	28386	8.473	ng	# 70
49) Dimethylphthalate	14.12	163	69487	5.780	ng	97
56) 2,4-Dinitrotoluene	14.67	165	18597	5.769	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	12762	2.772	ng	# 1

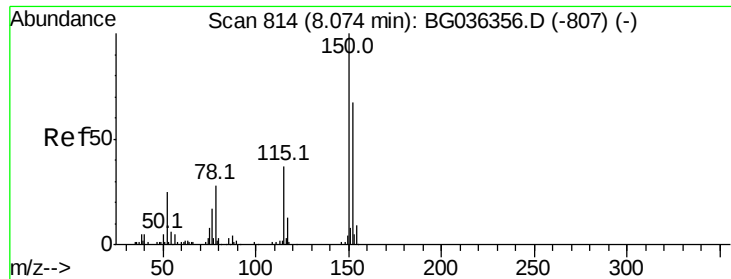
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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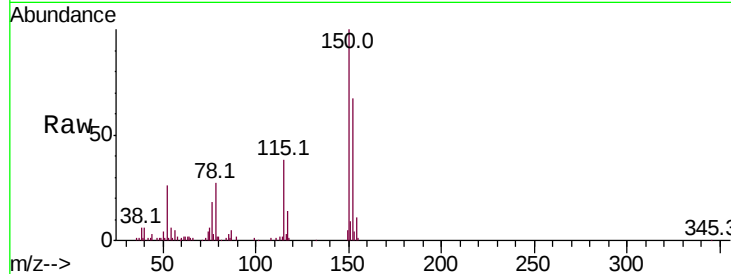


#1

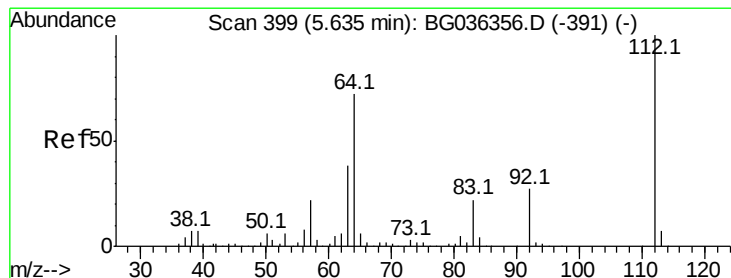
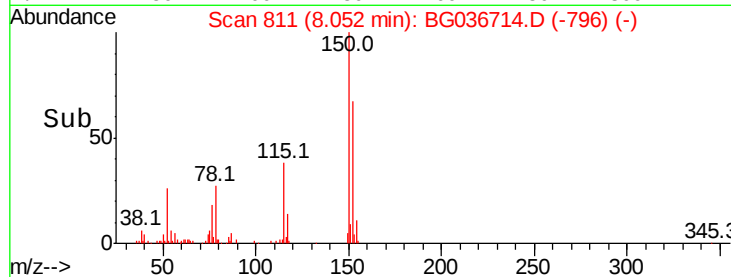
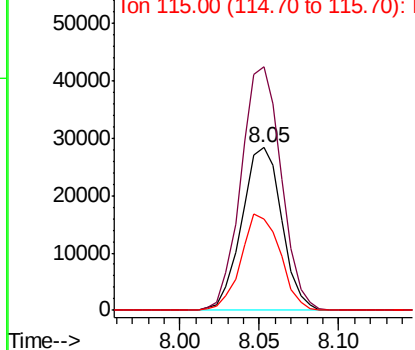
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49668
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 56.2 44.5 66.7



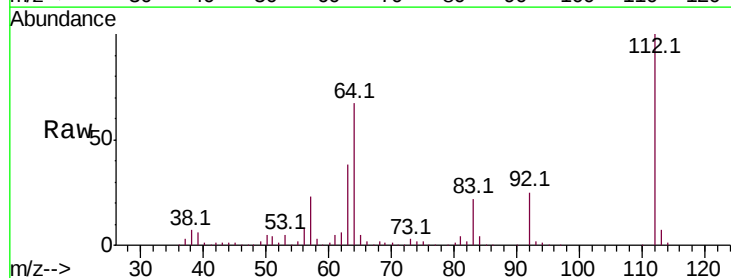
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



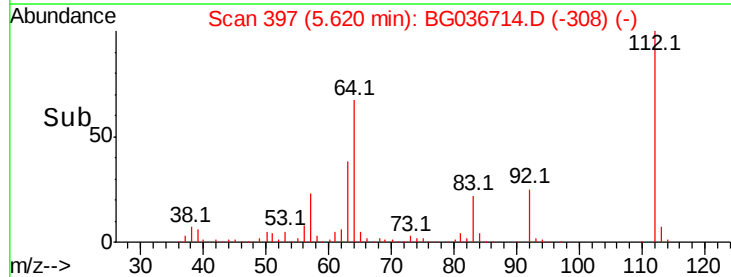
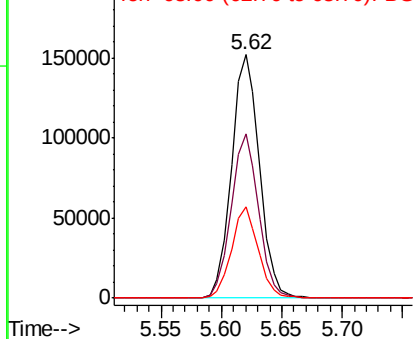
#5

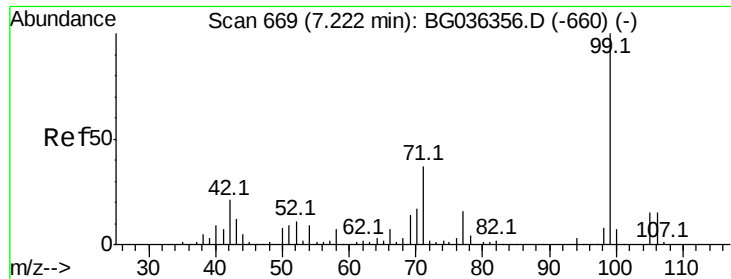
2-Fluorophenol
Concen: 78.123 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion:112 Resp: 244608
Ion Ratio Lower Upper
112 100
64 67.3 57.2 85.8
63 37.7 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: 77.094 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampled :

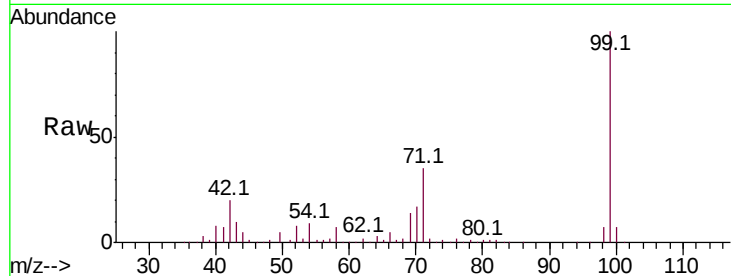
Tot Ion: 99 Resp: 345606

Ion Ratio Lower Upper

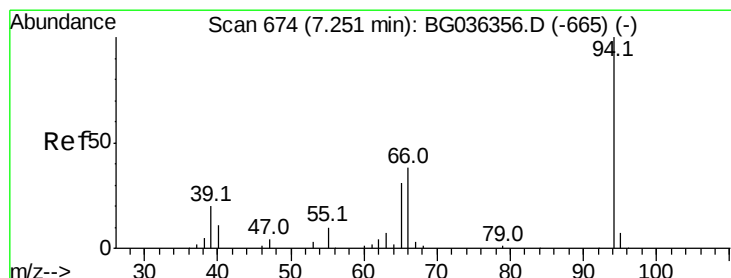
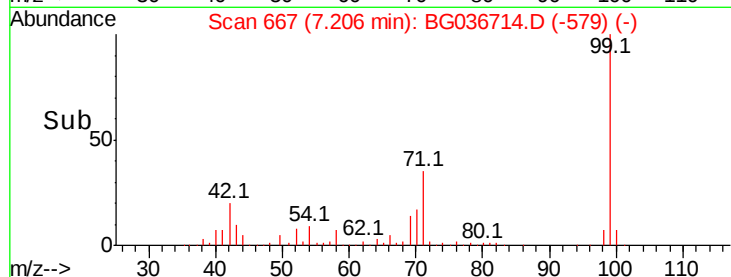
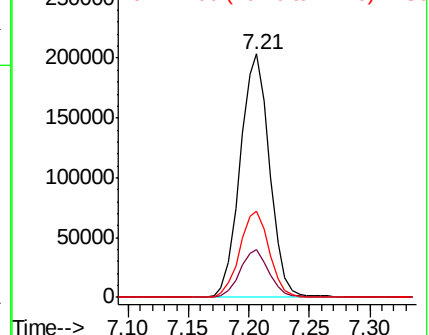
99 100

42 19.9 16.5 24.7

71 35.3 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



#10

Phenol

Concen: 2.526 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

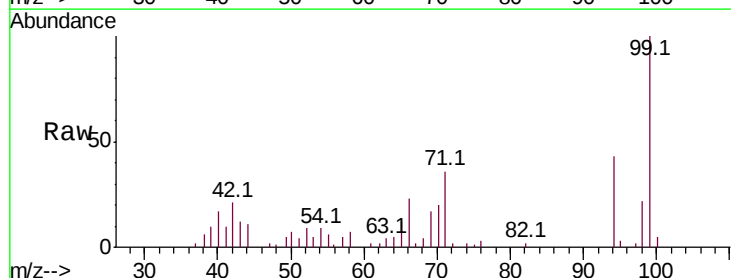
Tgt Ion: 94 Resp: 11851

Ion Ratio Lower Upper

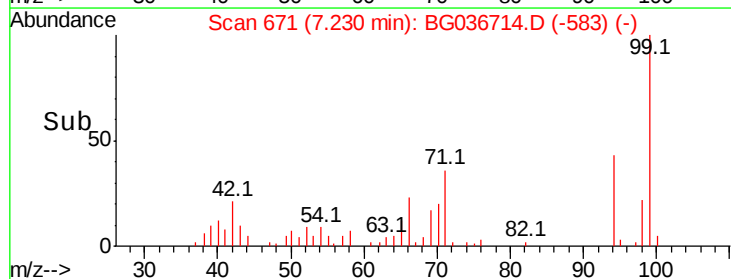
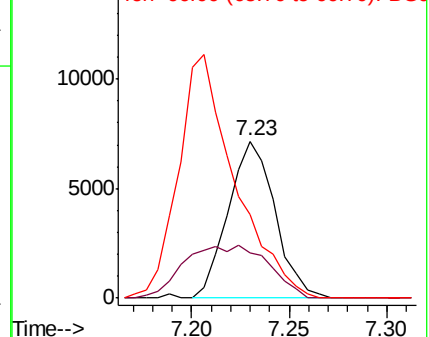
94 100

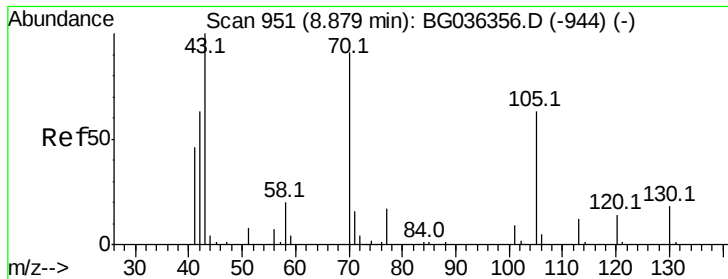
65 28.7 11.5 51.5

66 53.1 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

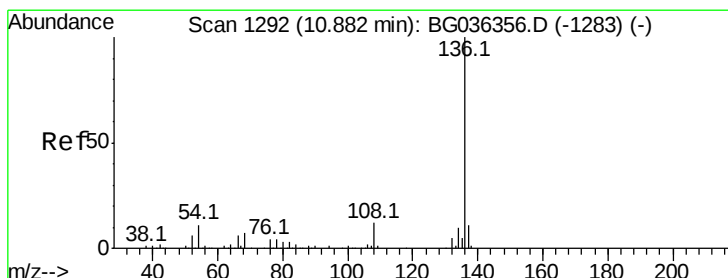
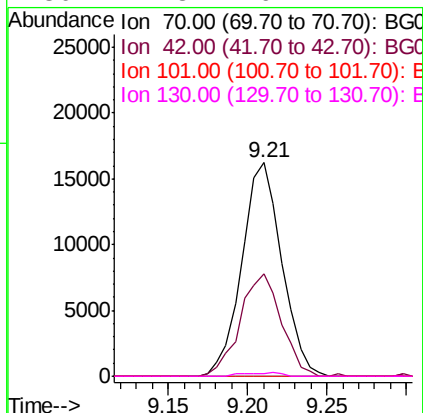
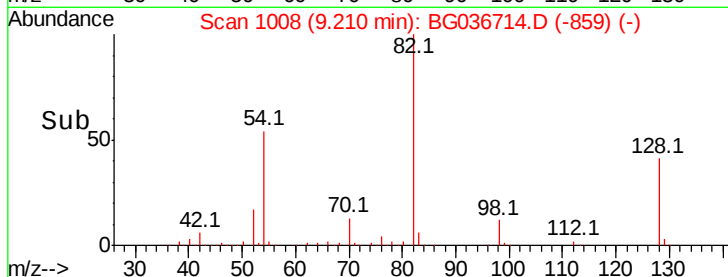
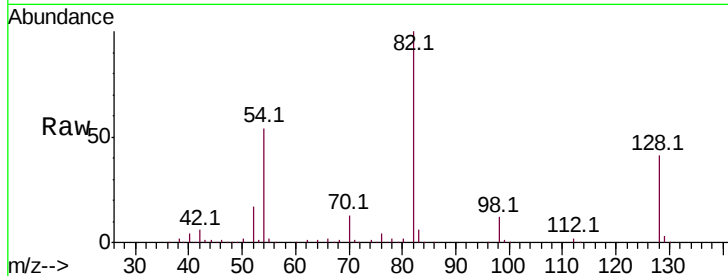




#19
n-Nitroso-di-n-propylamine
Concen: 8.473 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.35 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

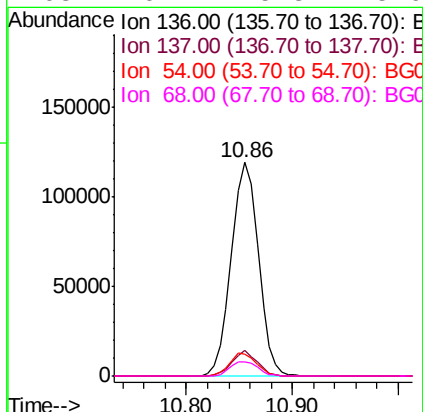
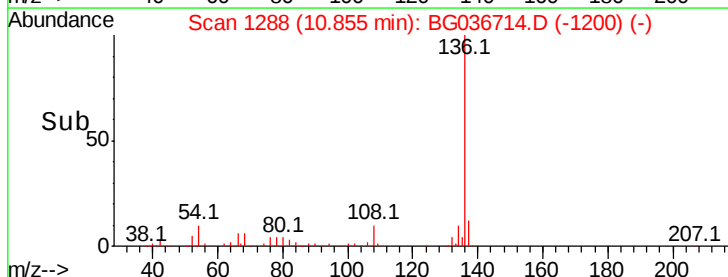
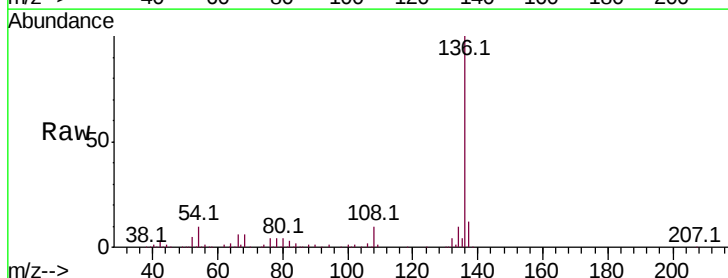
Instrument :
BNA_G
ClientSampled :

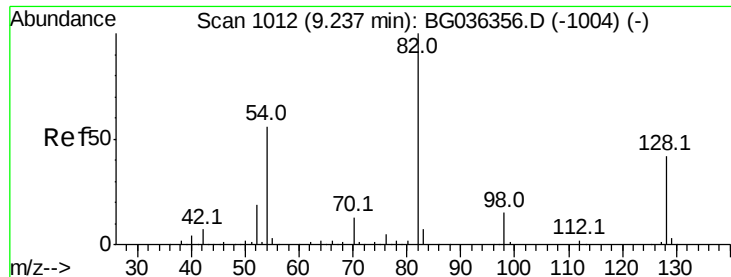
Tot Ion: 70 Resp: 28386
Ion Ratio Lower Upper
70 100
42 48.2 56.2 84.4#
101 0.0 7.8 11.6#
130 1.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 136 Resp: 211447
Ion Ratio Lower Upper
136 100
137 12.1 8.8 13.2
54 10.1 9.2 13.8
68 6.4 5.8 8.6

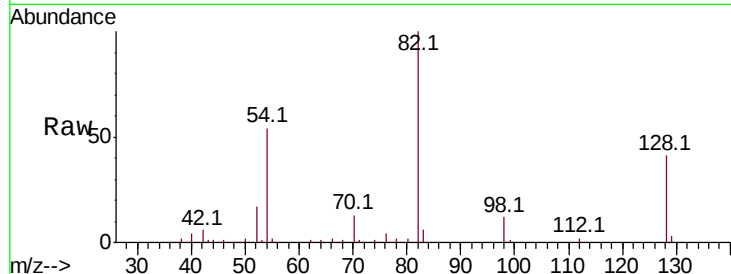




#23
Nitrobenzene-d5
Concen: 55.264 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	215371
Ion Ratio	Lower	Upper	
82	100		
128	41.2	33.3	49.9
54	54.1	45.1	67.7

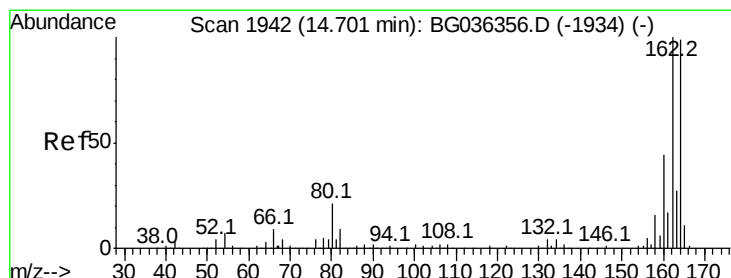
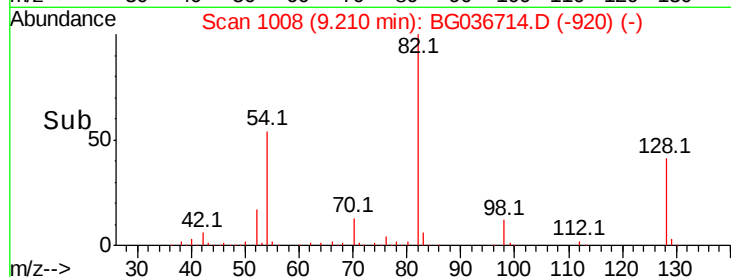
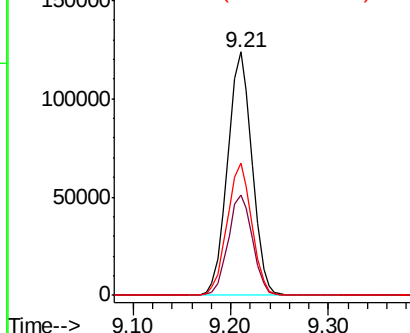


Abundance

Ion 82.00 (81.70 to 82.70): BGC

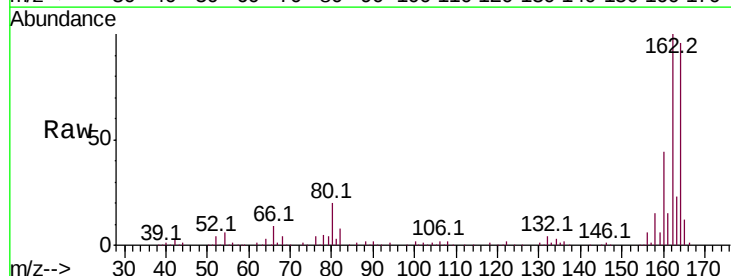
Ion 128.00 (127.70 to 128.70): BGC

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: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion	164	Resp	147218
Ion Ratio	Lower	Upper	
164	100		
162	103.8	80.7	121.1
160	45.8	35.3	52.9

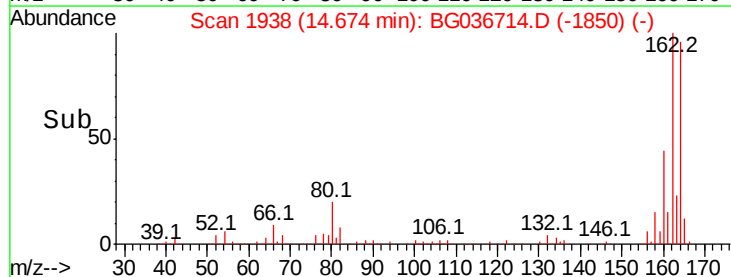
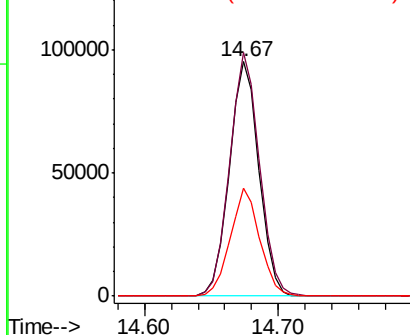


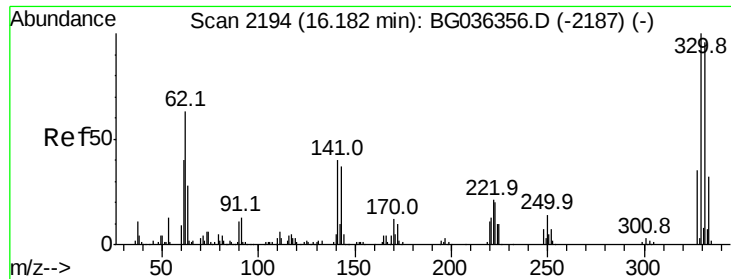
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

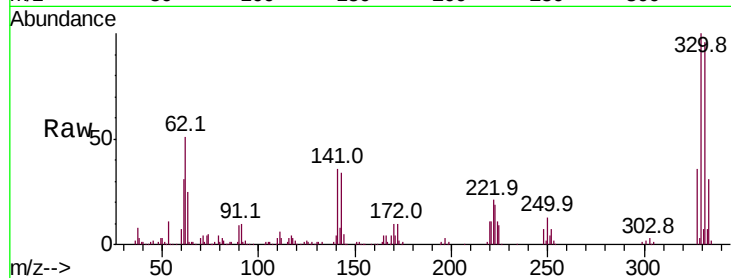




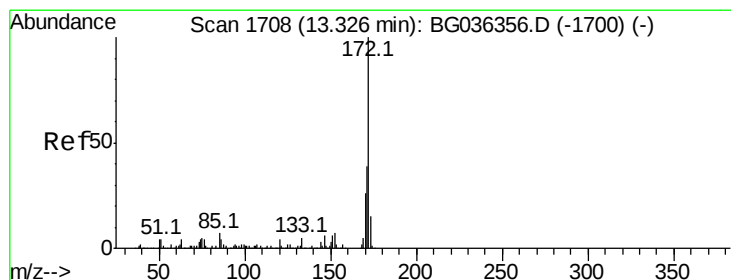
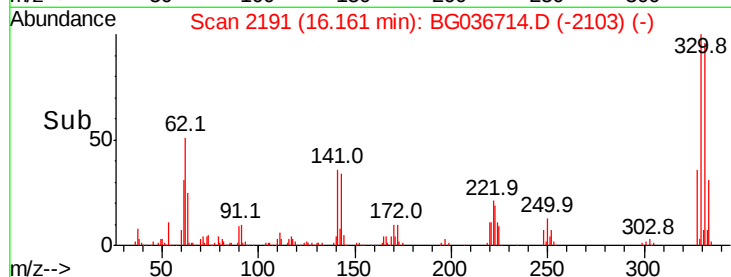
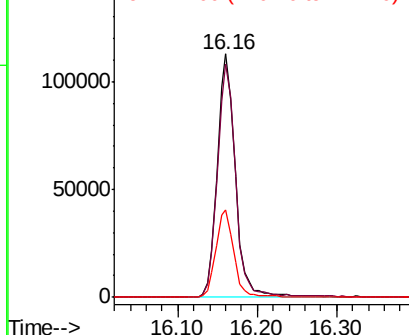
#41
 2,4,6-Tribromophenol
 Concen: 101.906 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036714.D
 Acq: 14 Sep 2018 20:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	35.9	30.7	46.1

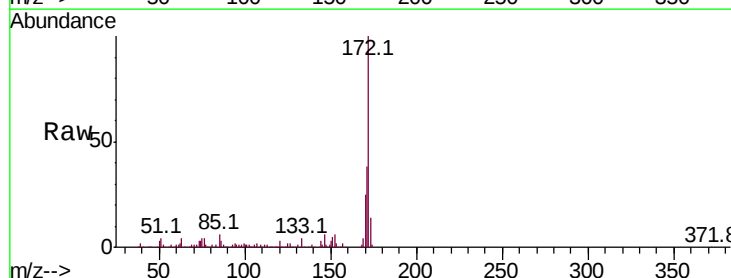


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

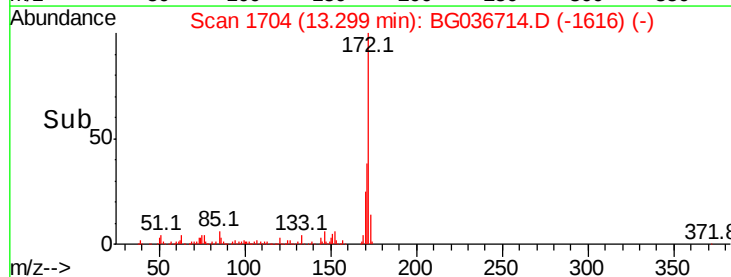
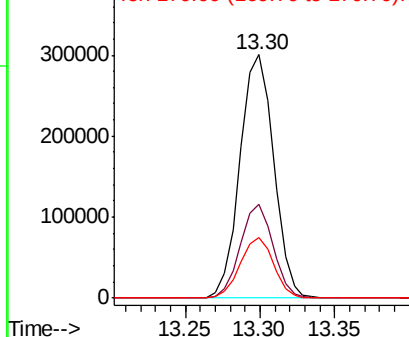


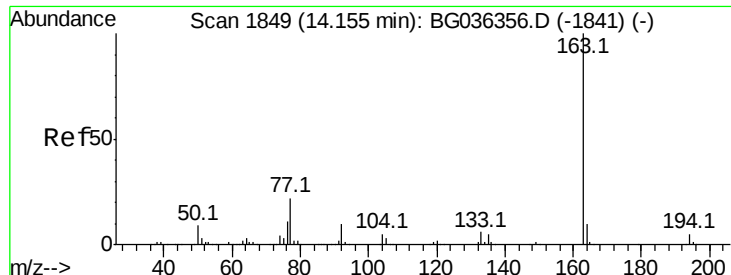
#44
 2-Fluorobiphenyl
 Concen: 45.844 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036714.D
 Acq: 14 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	24.8	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

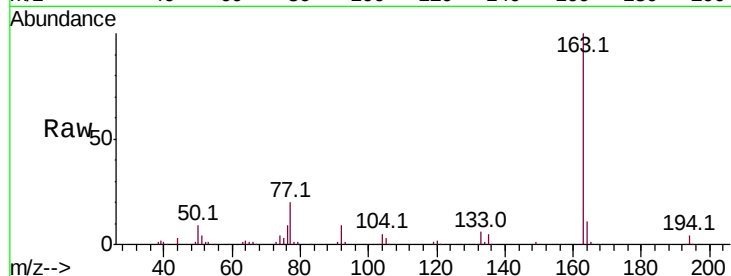




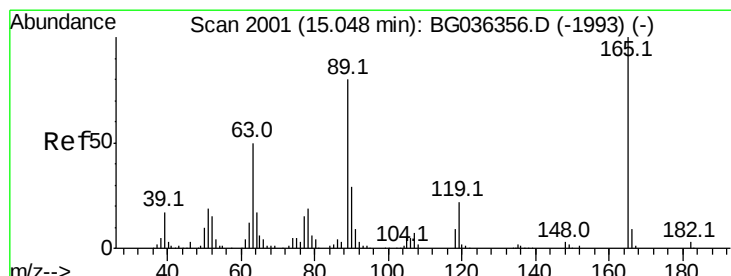
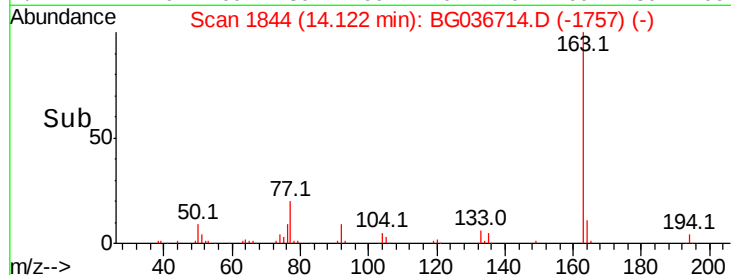
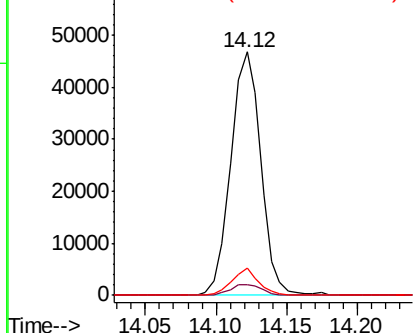
#49
Dimethylphthalate
Concen: 5.780 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 69487
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 11.4 8.1 12.1

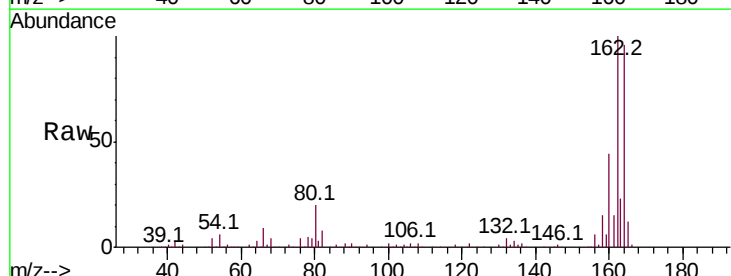


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

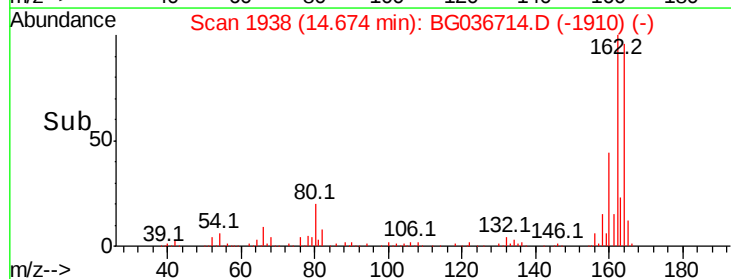
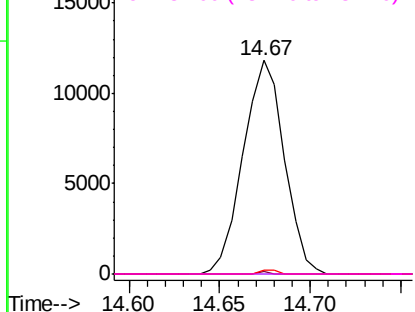


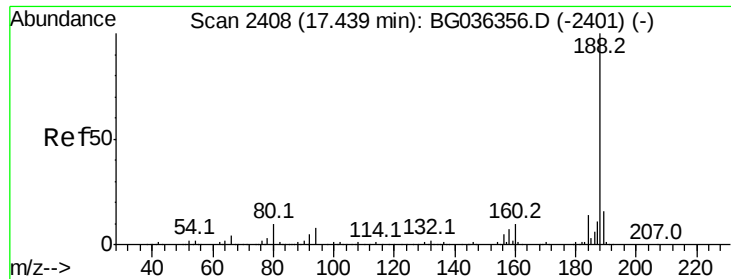
#56
2,4-Dinitrotoluene
Concen: 5.769 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion:165 Resp: 18597
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.6 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: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

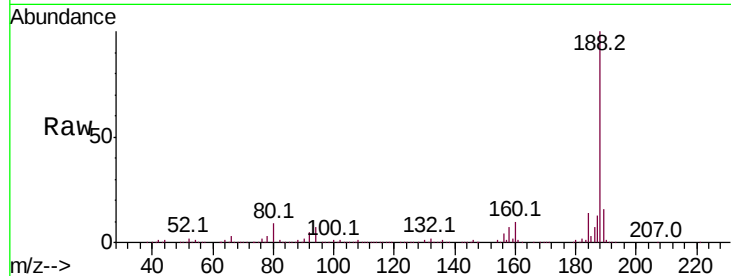
Tot Ion:188 Resp: 393161

Ion Ratio Lower Upper

188 100

94 6.9 6.7 10.1

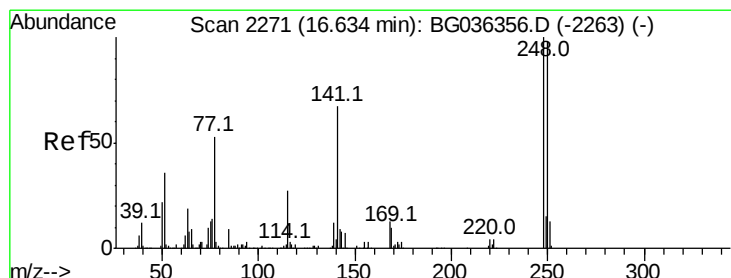
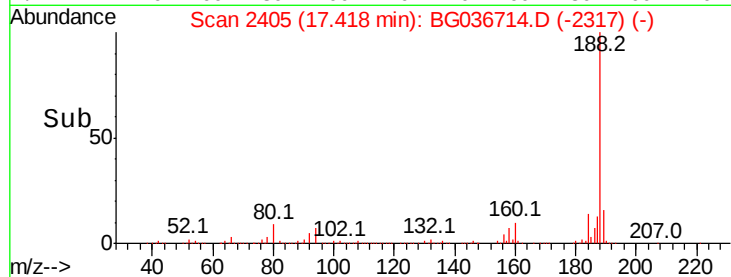
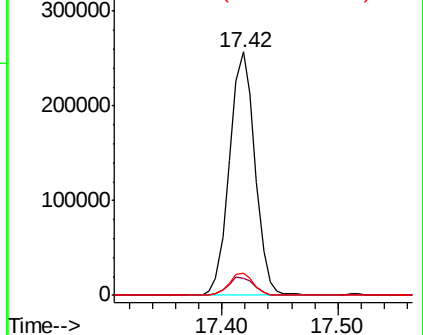
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 2.772 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.46 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

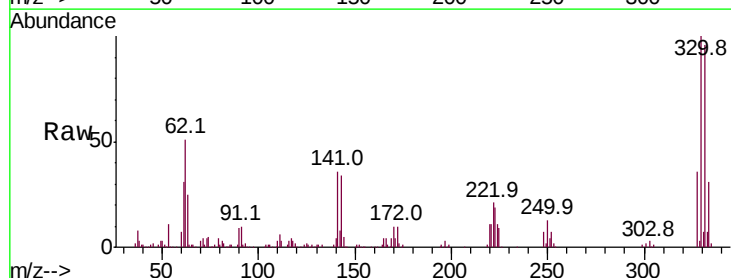
Tgt Ion:248 Resp: 12762

Ion Ratio Lower Upper

248 100

250 178.6 78.1 117.1#

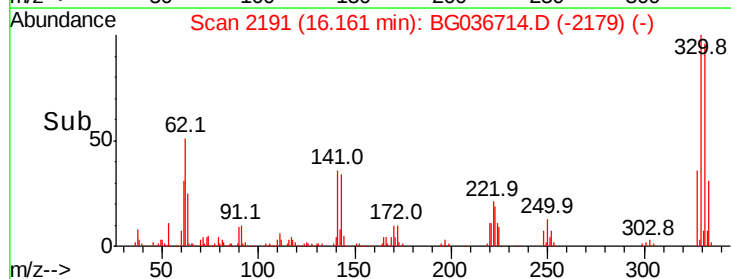
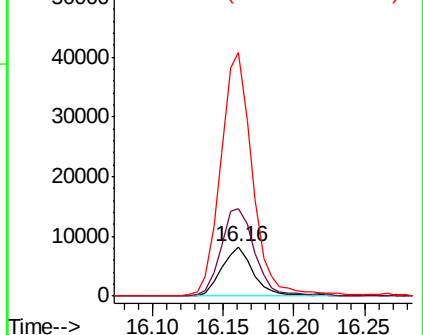
141 496.1 53.7 80.5#

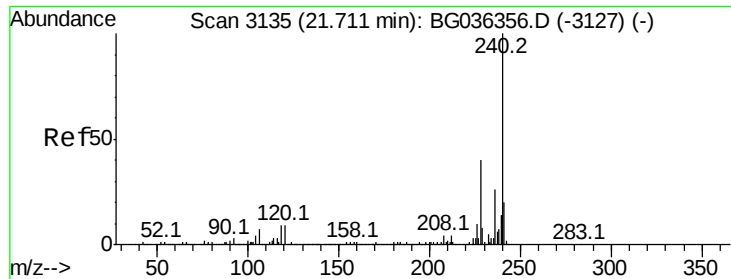


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3131

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

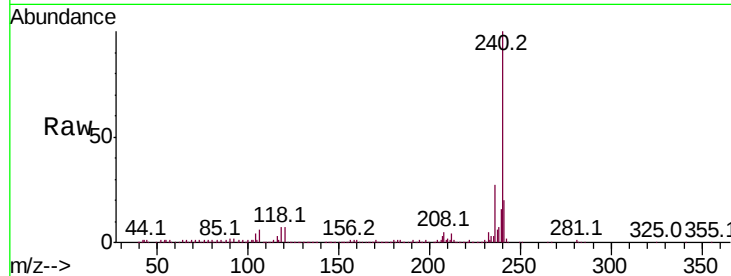
Tot Ion:240 Resp: 375576

Ion Ratio Lower Upper

240 100

120 7.2 6.9 10.3

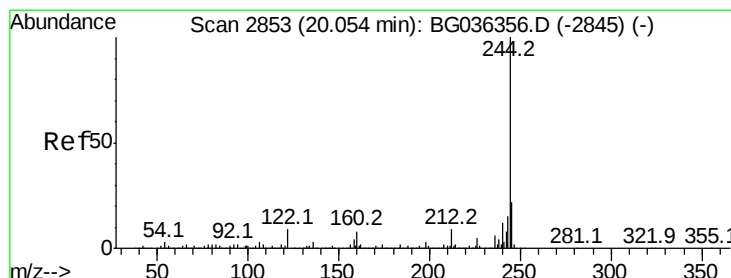
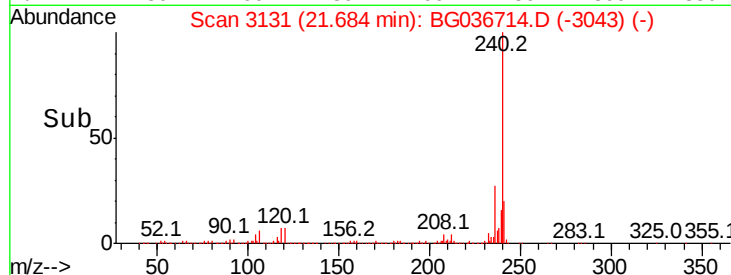
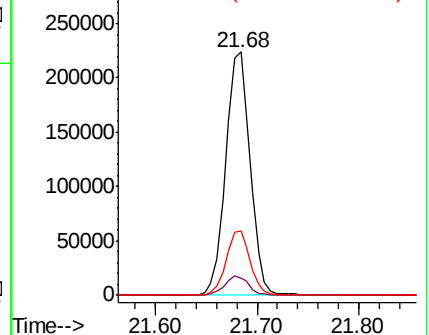
236 26.7 21.2 31.8



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: 52.927 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

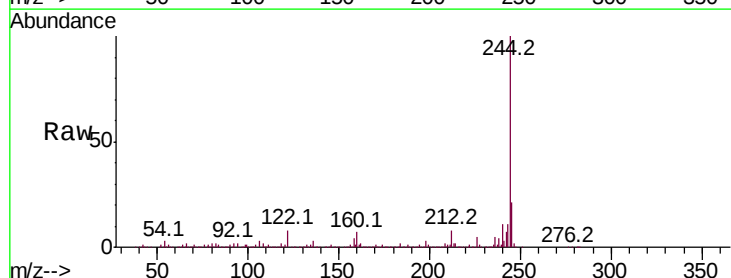
Tgt Ion:244 Resp: 850462

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

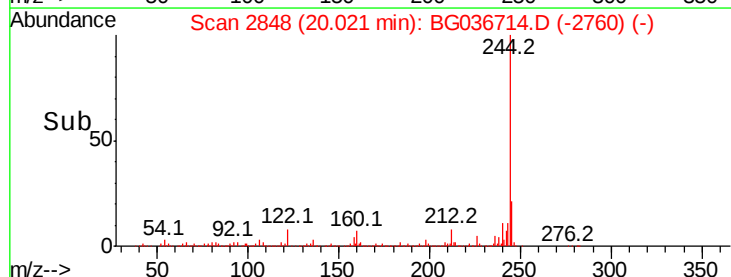
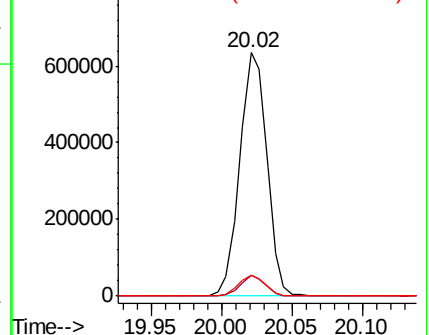
122 8.5 7.1 10.7

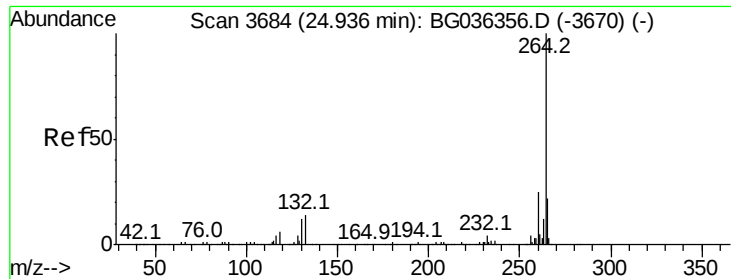


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.4	26.0

