

Data File : BG036730.D
Acq On : 15 Sep 2018 7:47
Operator : JU/SJ
Sample : J4771-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-091218

Quant Time: Sep 17 03:46:51 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	59113	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	242643	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163102	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	432435	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	444989	20.00	ng	-0.02
86) Perylene-d12	24.88	264	443528	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	378821	101.66	ng	0.00
7) Phenol-d6	7.21	99	489998	91.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	360362	80.58	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	274626	141.11	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	811999	71.08	ng	0.00
78) Terphenyl-d14	20.02	244	1533837	80.57	ng	0.00

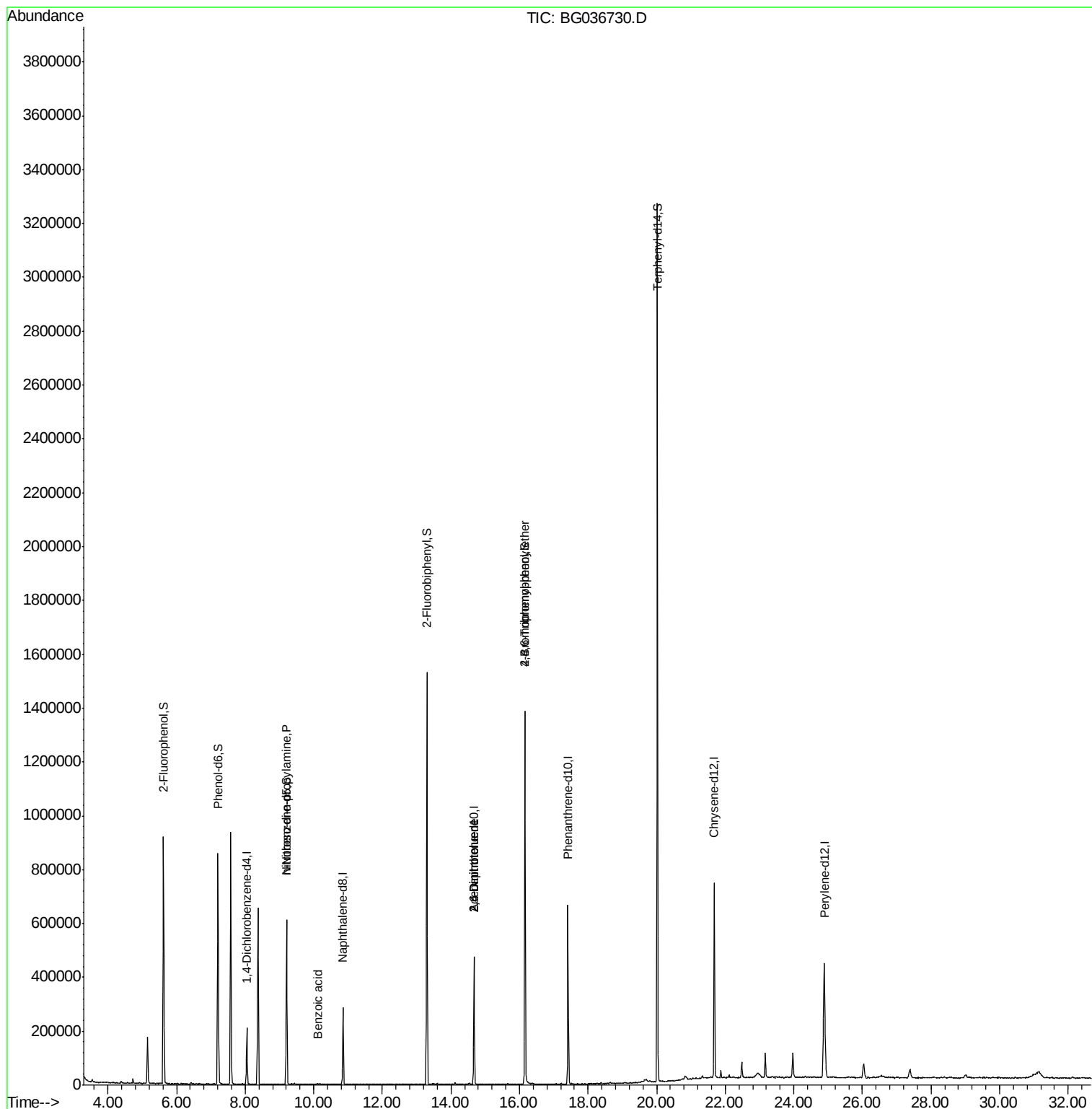
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.21	70	49168	12.331	ng	# 71
32) Benzoic acid	10.12	122	919	4.797	ng	# 89
50) 2,6-Dinitrotoluene	14.68	165	21154	7.719	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21154	5.923	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	18397	3.634	ng	# 1

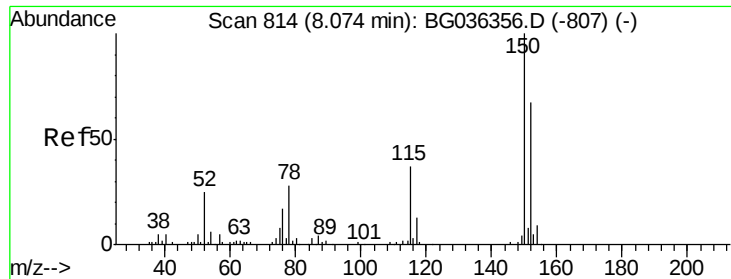
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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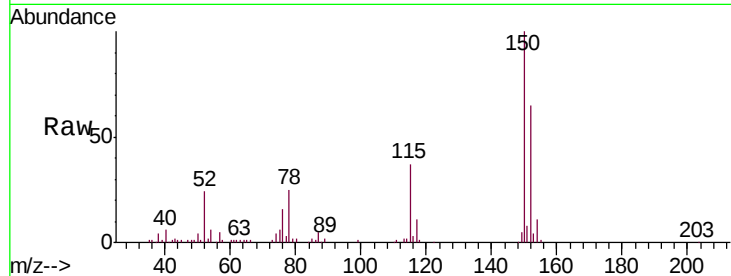


#1

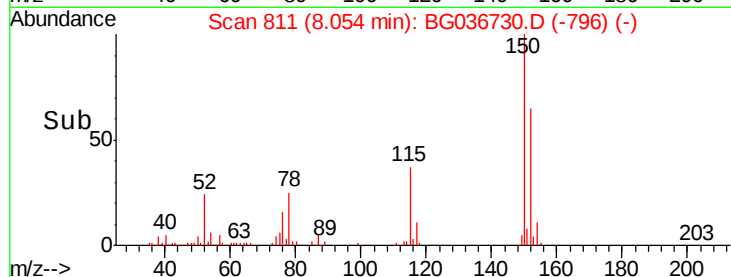
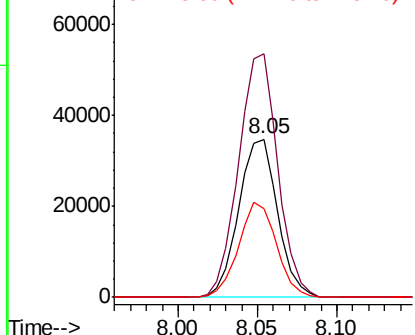
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Instrument :
BNA_G
ClientSampleId :
NB-08-091218

Tgt Ion:152 Resp: 59113
Ion Ratio Lower Upper
152 100
150 154.2 119.5 179.3
115 56.6 44.5 66.7



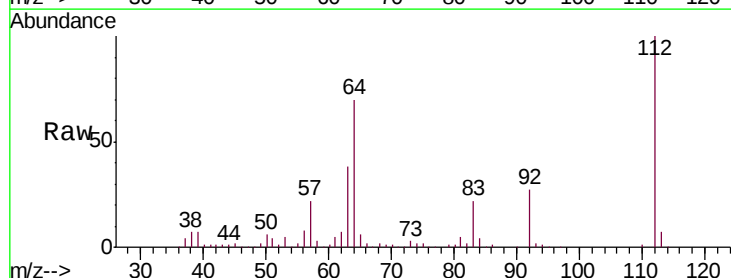
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



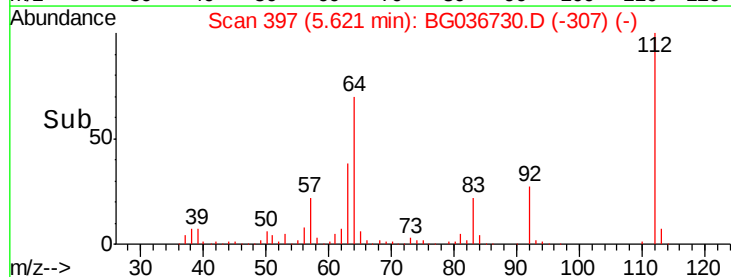
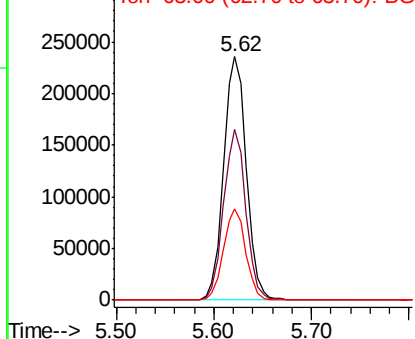
#5

2-Fluorophenol
Concen: 101.656 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Tgt Ion:112 Resp: 378821
Ion Ratio Lower Upper
112 100
64 69.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.839 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036730.D

Acq: 15 Sep 2018 7:47

Instrument :

BNA_G

ClientSampleId :

NB-08-091218

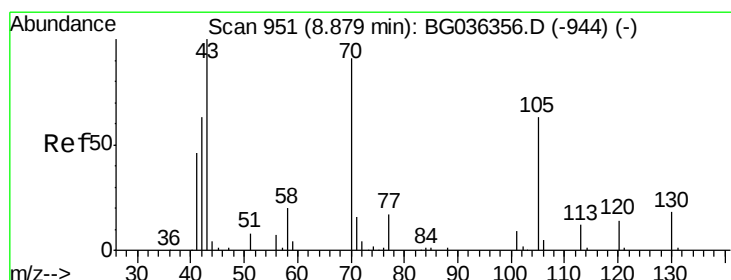
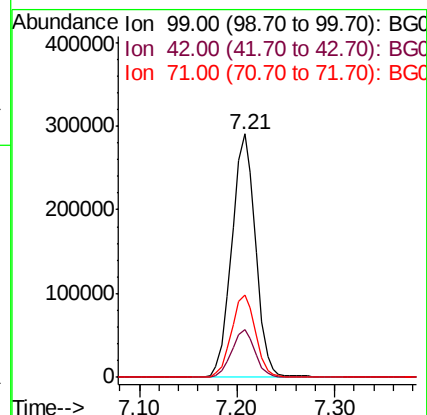
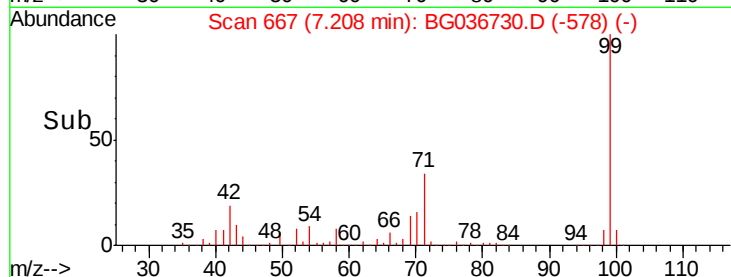
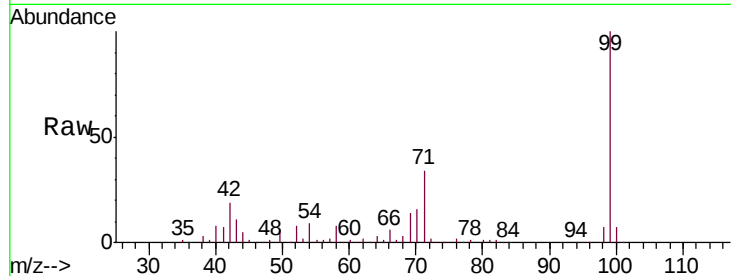
Tgt Ion: 99 Resp: 489998

Ion Ratio Lower Upper

99 100

42 19.4 16.5 24.7

71 33.9 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.331 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036730.D

Acq: 15 Sep 2018 7:47

Tgt Ion: 70 Resp: 49168

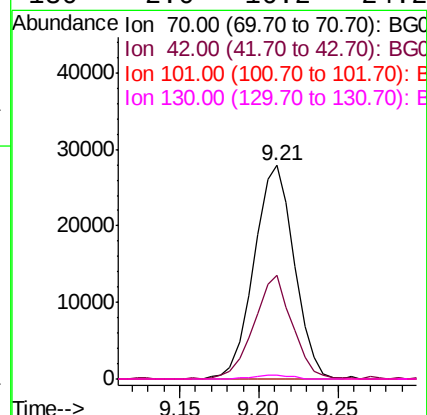
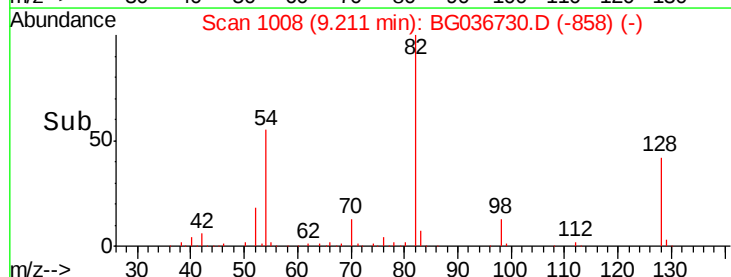
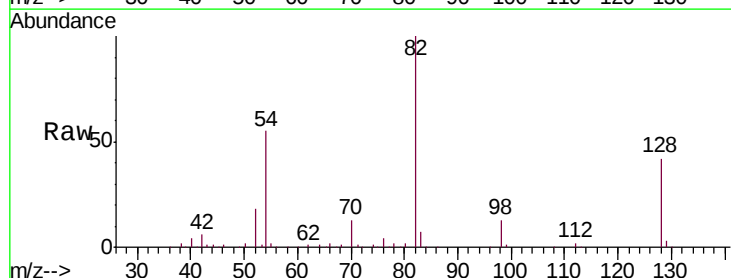
Ion Ratio Lower Upper

70 100

42 48.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#

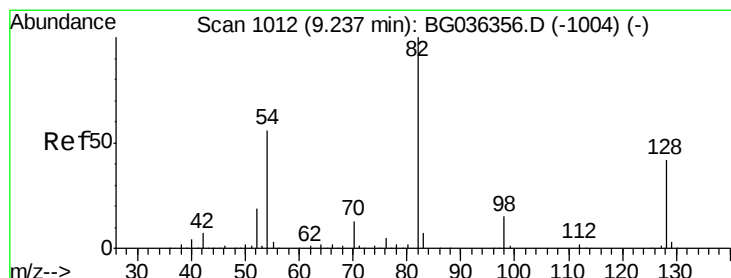
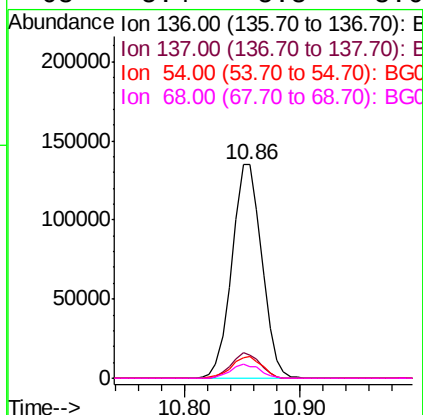
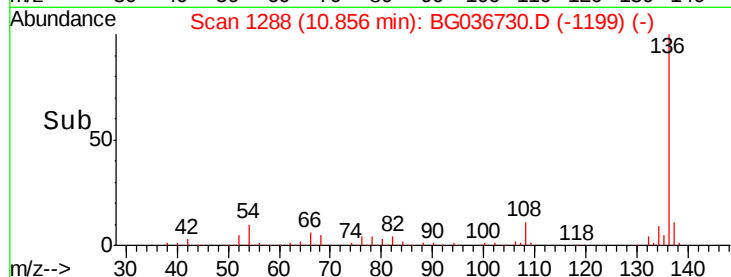
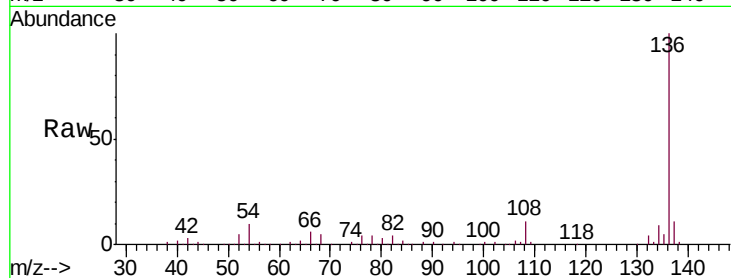




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

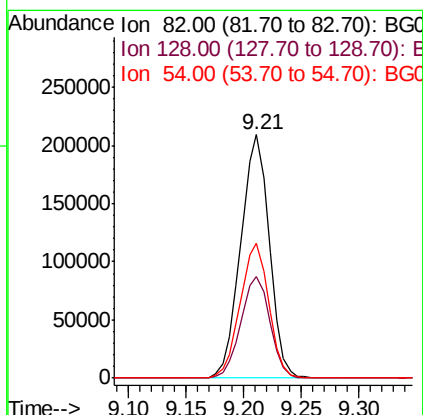
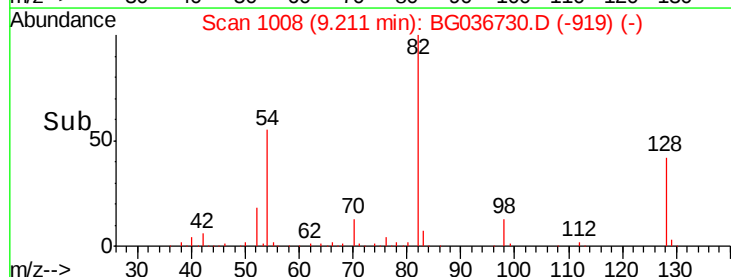
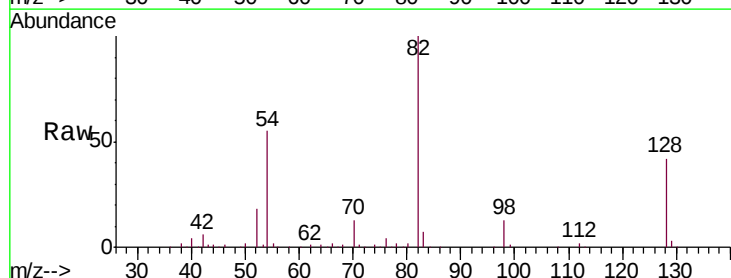
Instrument :
BNA_G
ClientSampleId :
NB-08-091218

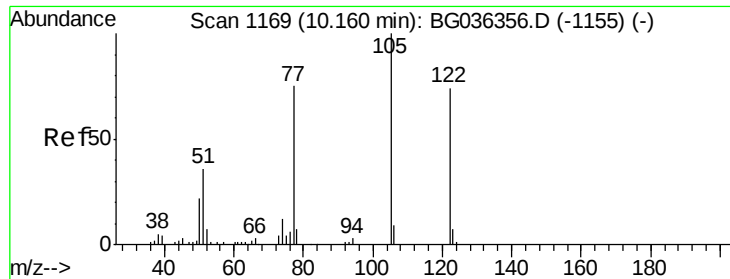
Tgt Ion:	136	Resp:	242643
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	9.2	13.8
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 80.580 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Tgt Ion:	82	Resp:	360362
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	55.4	45.1	67.7

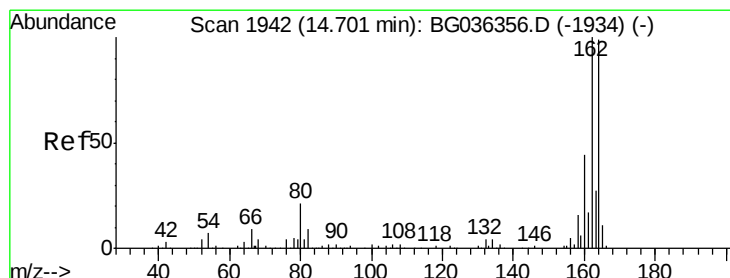
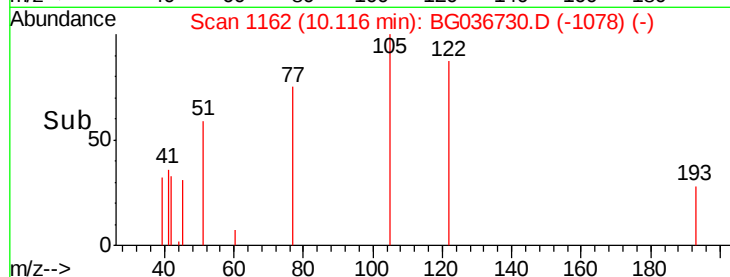
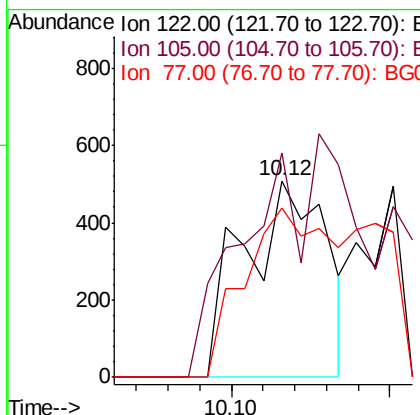
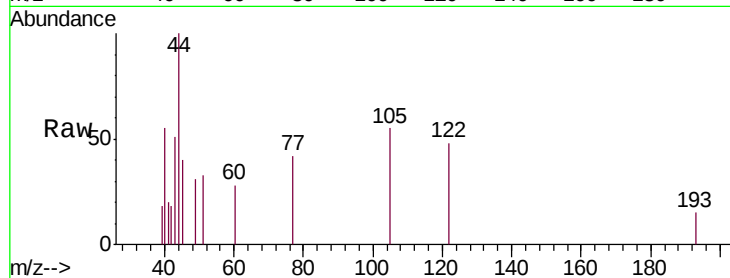




#32
Benzoic acid
Concen: 4.797 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

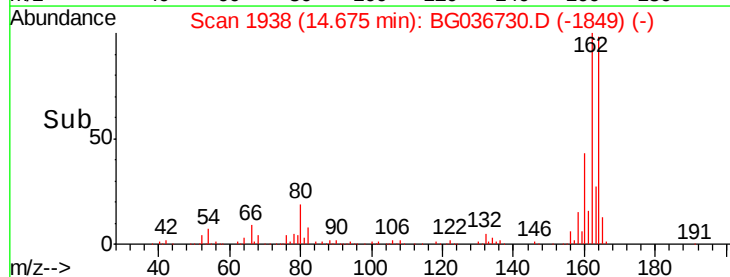
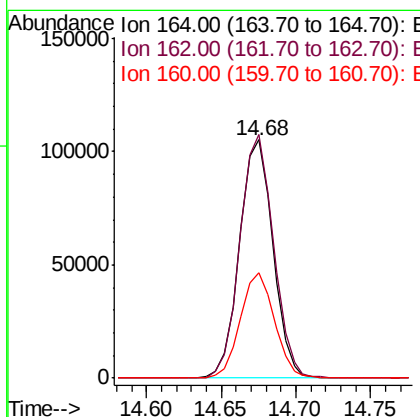
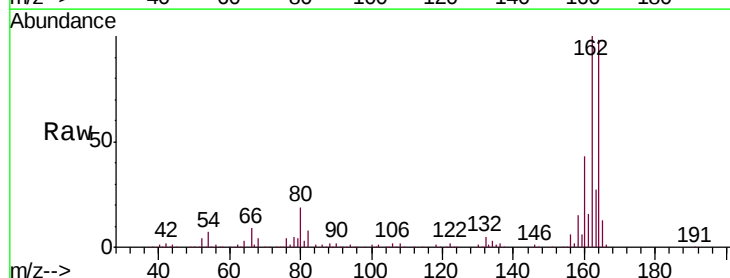
Instrument :
BNA_G
ClientSampleId :
NB-08-091218

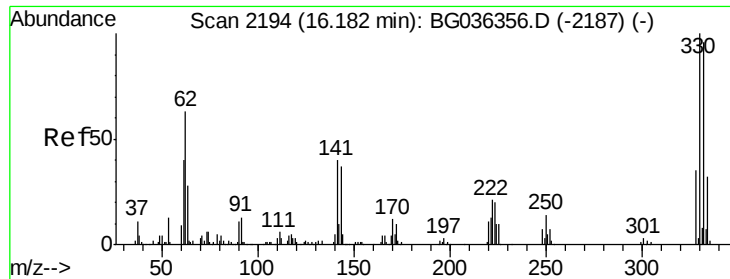
Tgt Ion:122 Resp: 919
Ion Ratio Lower Upper
122 100
105 114.6 108.1 148.1
77 86.2 76.3 116.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Tgt Ion:164 Resp: 163102
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 44.0 35.3 52.9

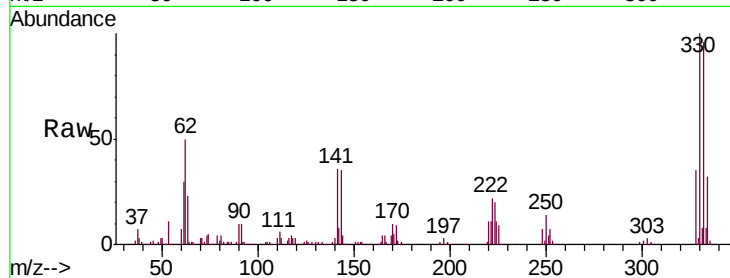




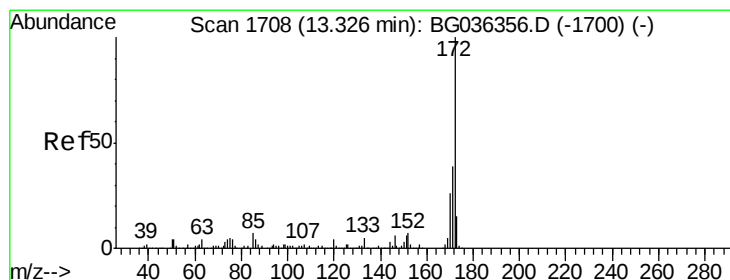
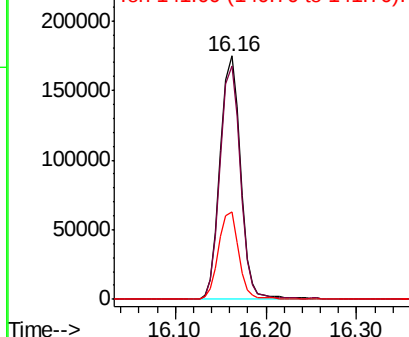
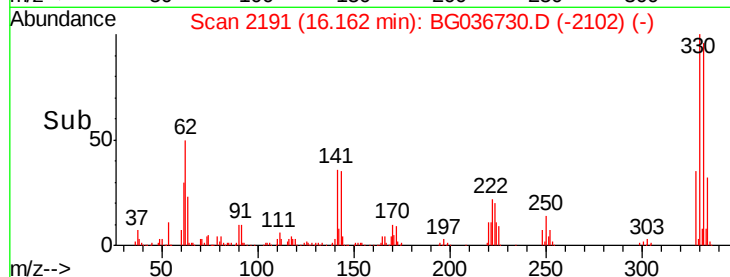
#41
 2,4,6-Tribromophenol
 Concen: 141.111 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036730.D
 Acq: 15 Sep 2018 7:47

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	35.7	30.7	46.1

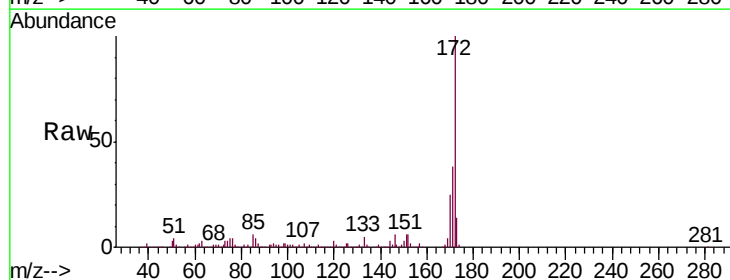


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

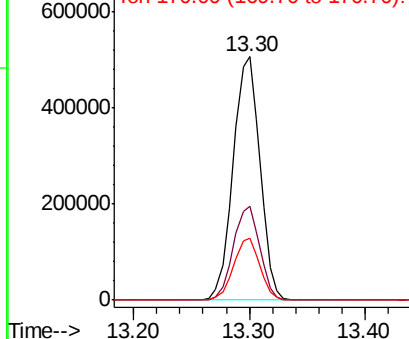
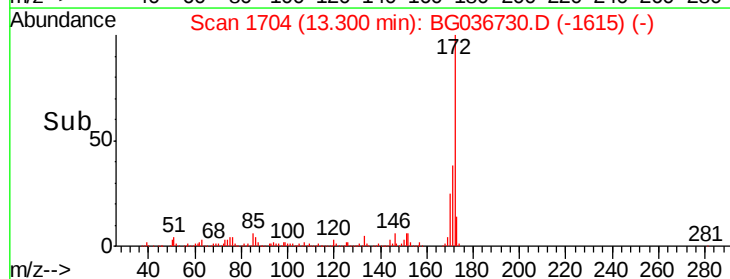


#44
 2-Fluorobiphenyl
 Concen: 71.084 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036730.D
 Acq: 15 Sep 2018 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.2	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

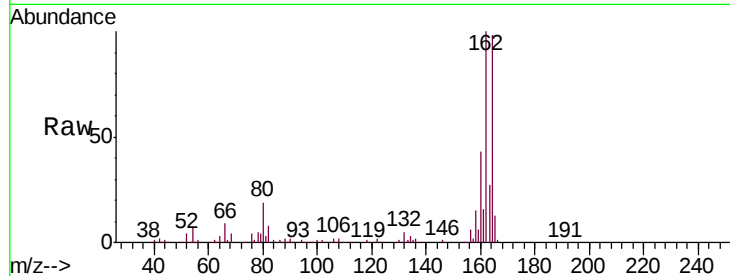




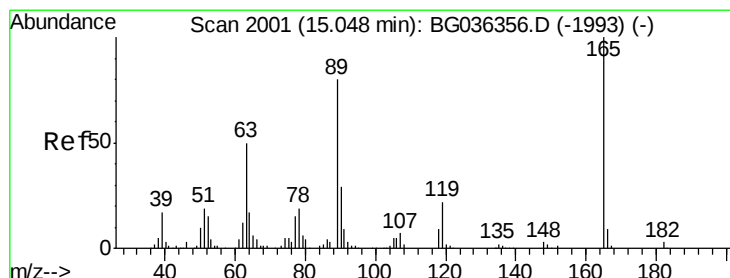
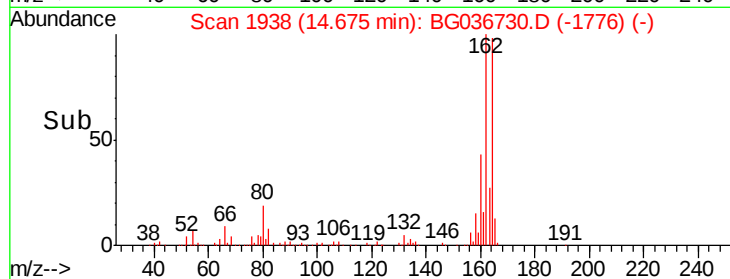
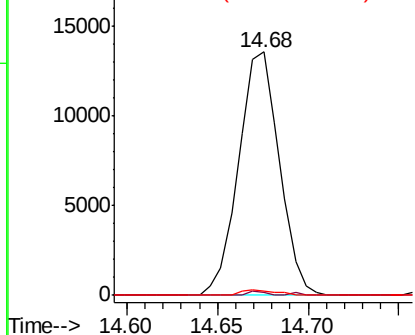
#50
2,6-Dinitrotoluene
Concen: 7.719 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Instrument :
BNA_G
ClientSampleId :
NB-08-091218

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	1.9	47.8	71.6#

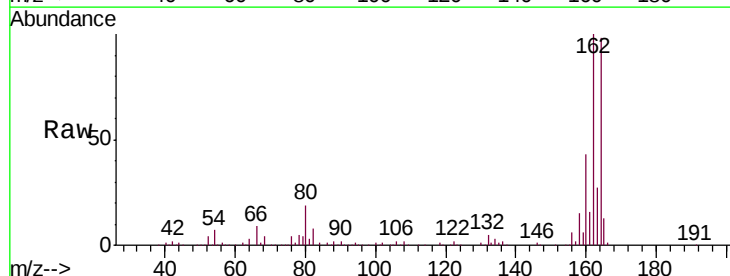


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

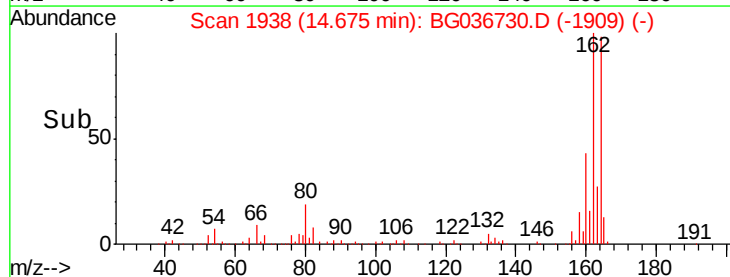
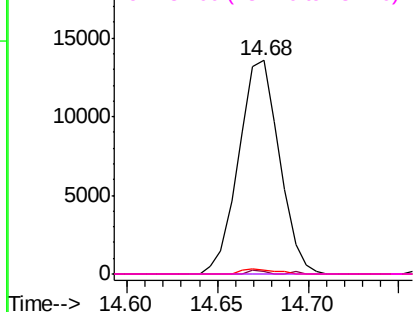


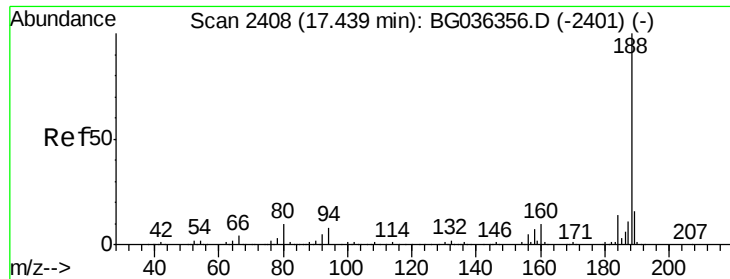
#56
2,4-Dinitrotoluene
Concen: 5.923 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	1.9	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

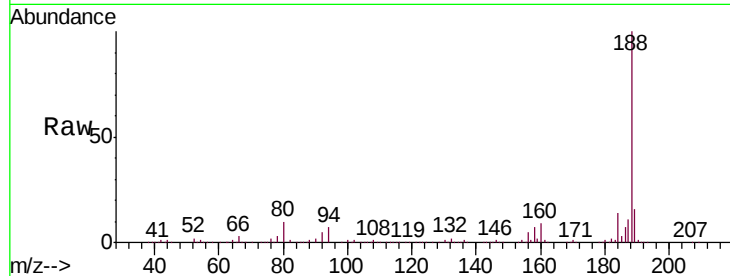




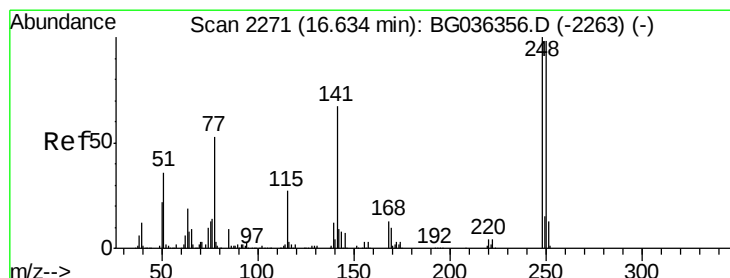
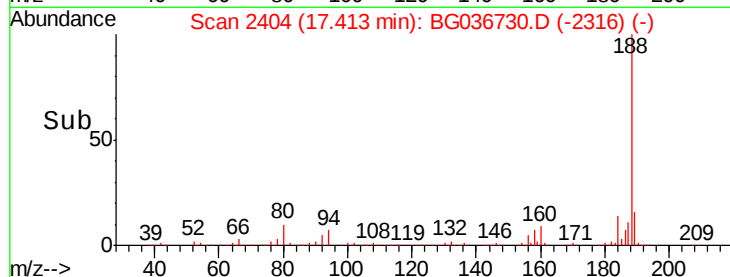
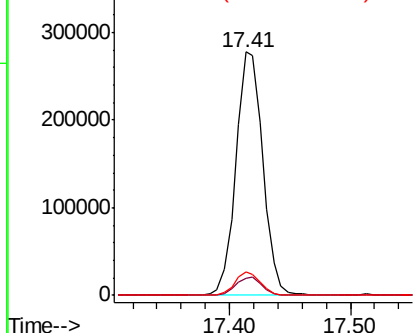
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Instrument :
BNA_G
ClientSampleId :
NB-08-091218

Tgt Ion:188 Resp: 432435
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 9.8 8.1 12.1

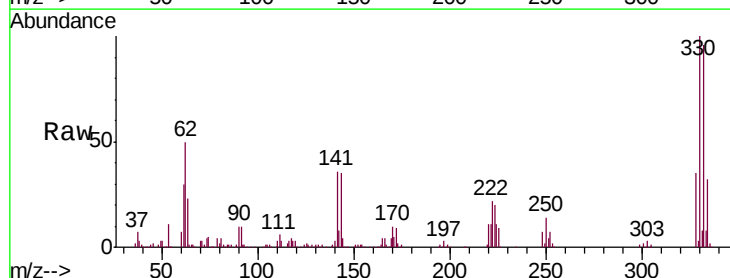


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

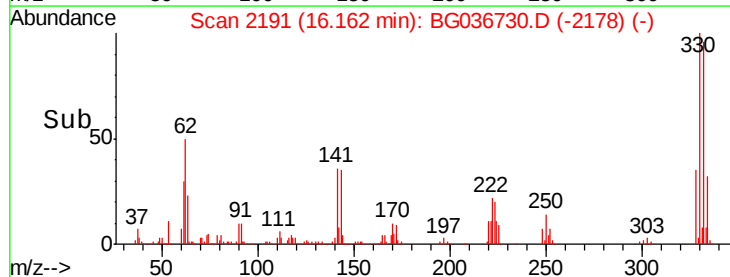
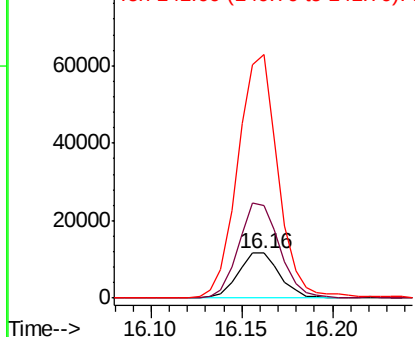


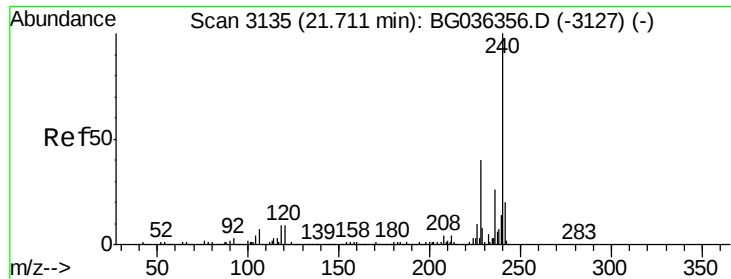
#66
4-Bromophenyl-phenylether
Concen: 3.634 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Tgt Ion:248 Resp: 18397
Ion Ratio Lower Upper
248 100
250 205.7 78.1 117.1#
141 540.7 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: BG036730.D

Acq: 15 Sep 2018 7:47

Instrument :

BNA_G

ClientSampleId :

NB-08-091218

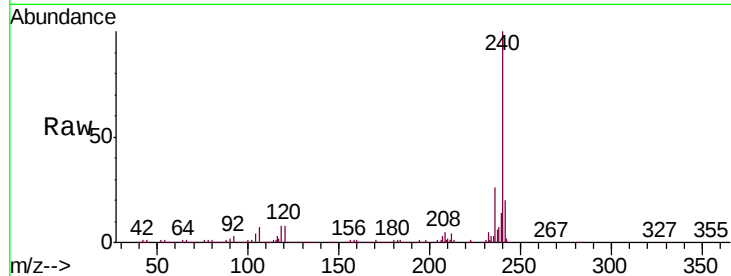
Tgt Ion:240 Resp: 444989

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

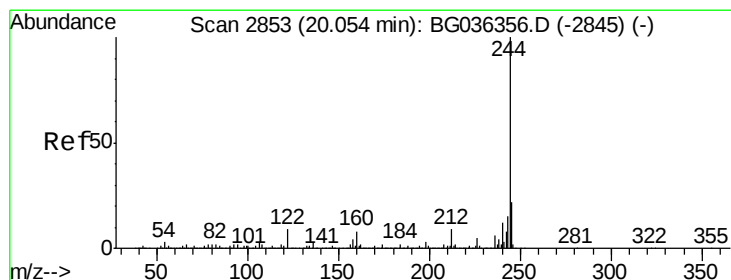
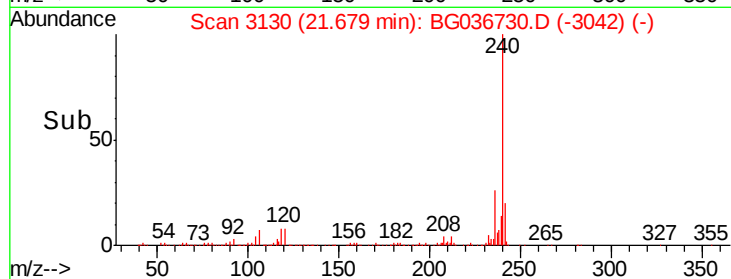
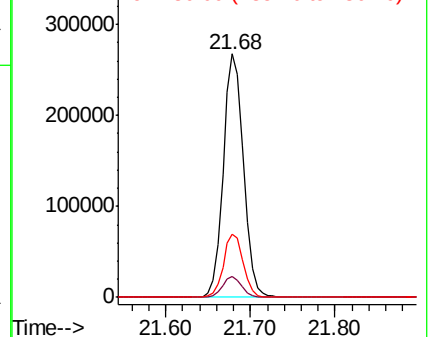
236 26.0 21.2 31.8



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: 80.566 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036730.D

Acq: 15 Sep 2018 7:47

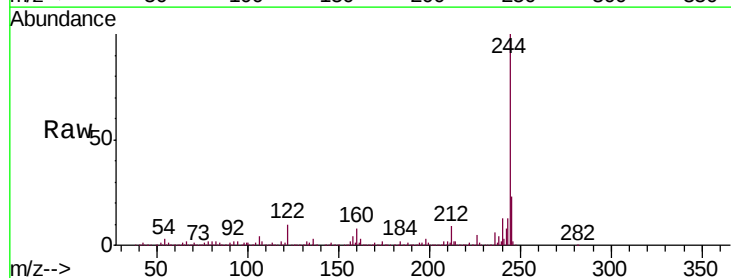
Tgt Ion:244 Resp: 1533837

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

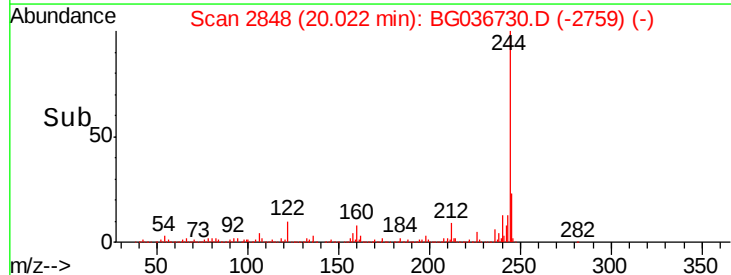
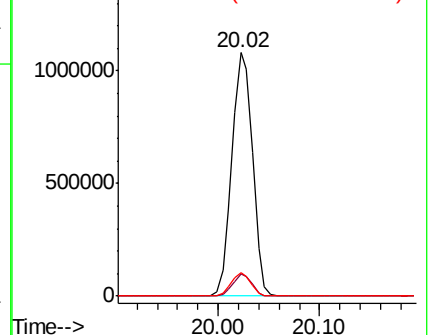
122 9.6 7.1 10.7

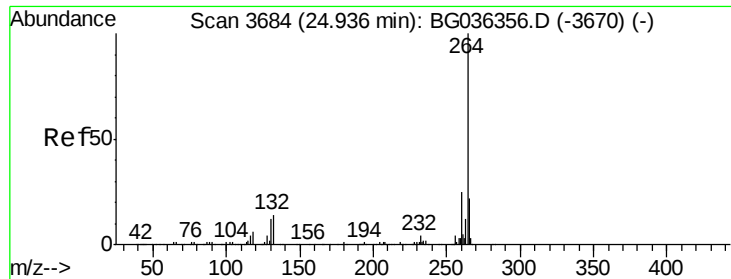


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036730.D
Acq: 15 Sep 2018 7:47

Instrument :
BNA_G
ClientSampleId :
NB-08-091218

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.4	26.0

