

Data File : BG036733.D
Acq On : 15 Sep 2018 9:45
Operator : JU/SJ
Sample : J4873-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NF-CON-1

Quant Time: Sep 17 03:48:23 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

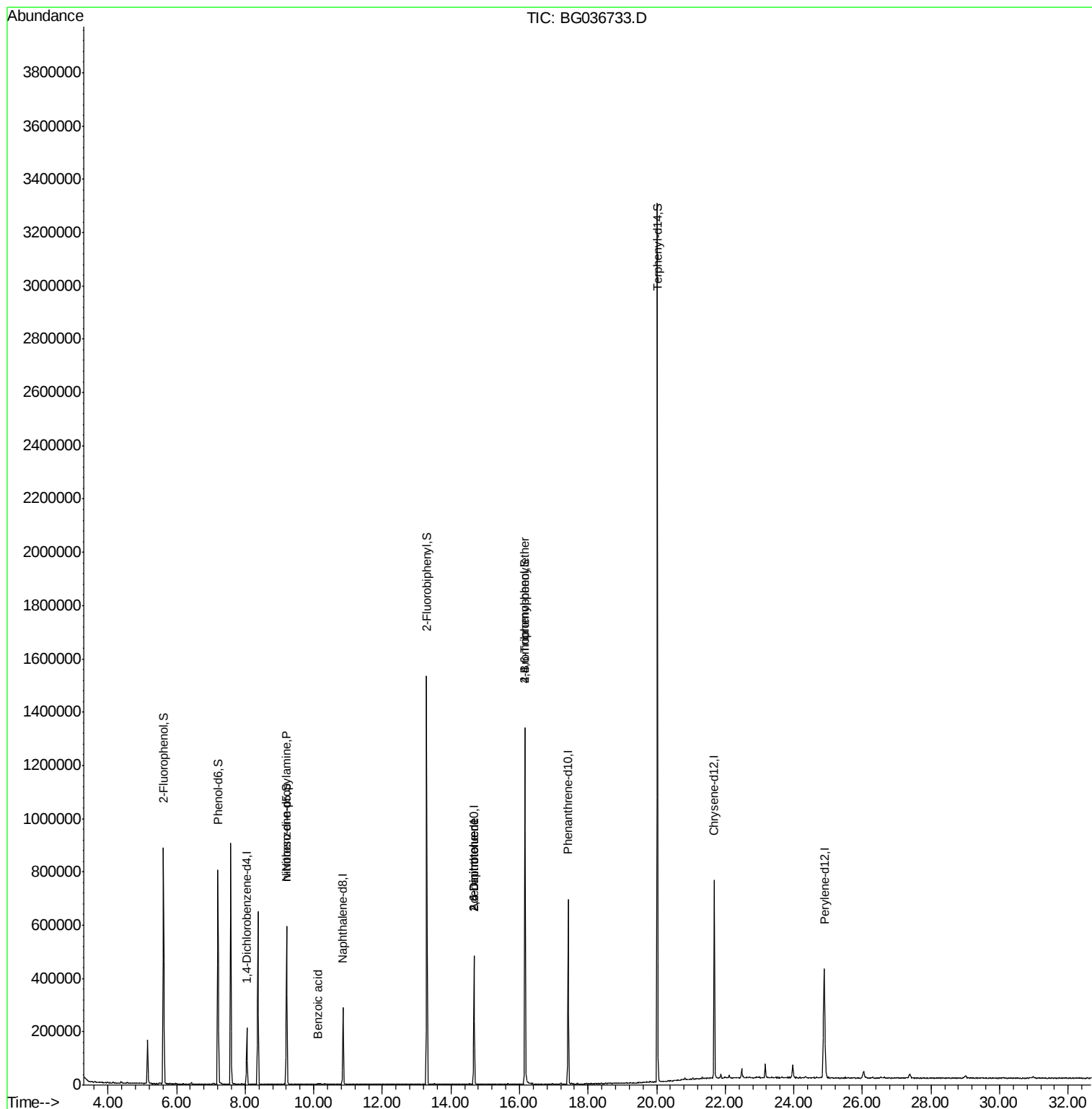
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59428	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	242877	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	166918	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	437980	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	451890	20.00	ng	-0.02
86) Perylene-d12	24.88	264	442347	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	366646	97.87	ng	0.00
7) Phenol-d6	7.21	99	463998	86.50	ng	-0.01
23) Nitrobenzene-d5	9.21	82	363595	81.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	265880	133.49	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	811326	69.40	ng	-0.01
78) Terphenyl-d14	20.02	244	1493505	77.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47363	11.815	ng	# 70
32) Benzoic acid	10.12	122	265	4.571	ng	# 89
50) 2,6-Dinitrotoluene	14.68	165	21104	7.525	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	21104	5.774	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	18615	3.630	ng	# 1

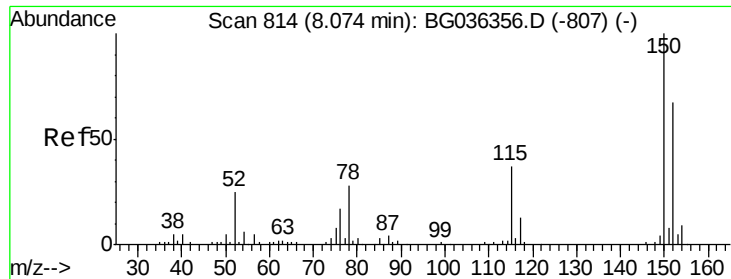
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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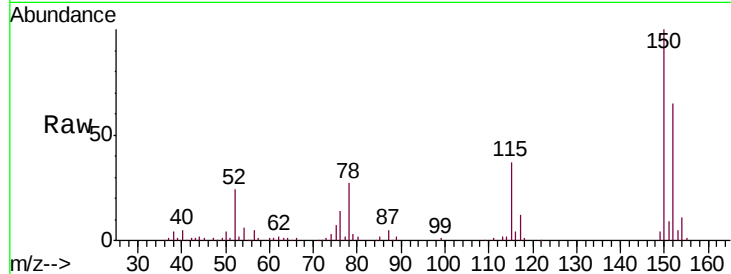


#1

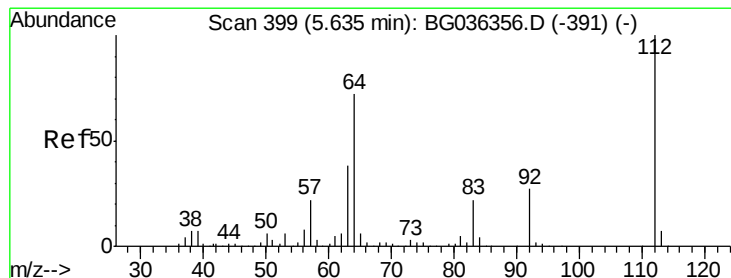
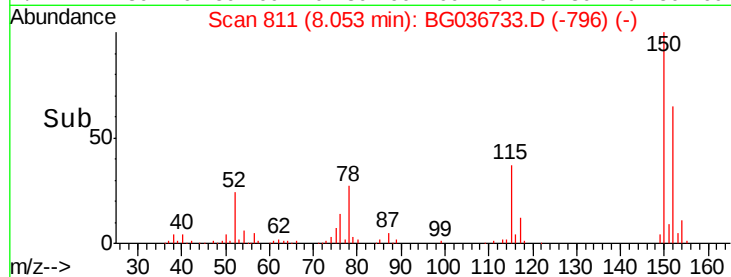
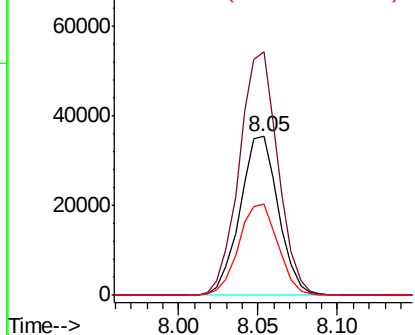
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Instrument :
BNA_G
ClientSampleId :
NF-CON-1

Tgt Ion:152 Resp: 59428
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 57.3 44.5 66.7



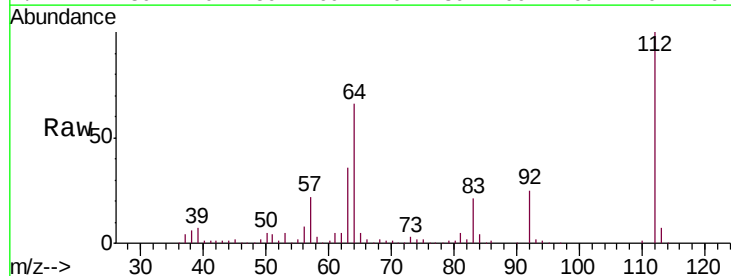
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



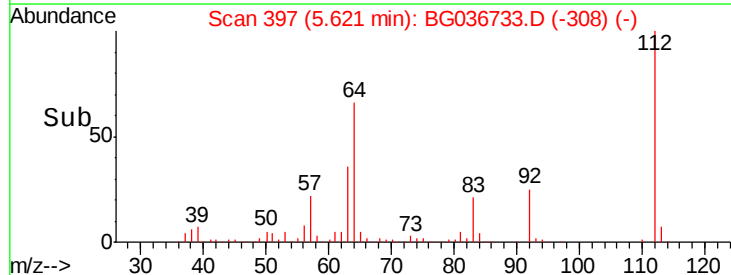
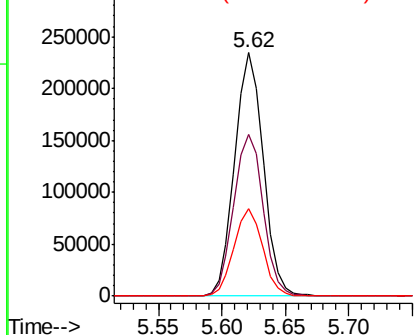
#5

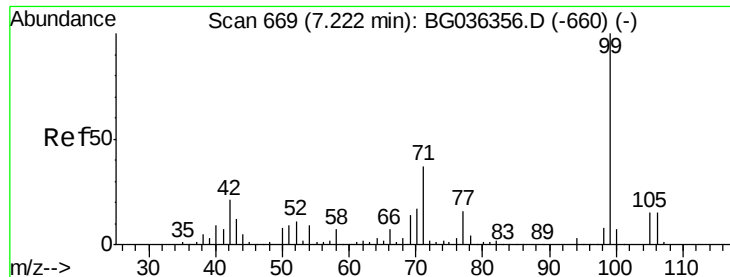
2-Fluorophenol
Concen: 97.868 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Tgt Ion:112 Resp: 366646
Ion Ratio Lower Upper
112 100
64 66.4 57.2 85.8
63 36.0 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: 86.505 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036733.D

Acq: 15 Sep 2018 9:45

Instrument :

BNA_G

ClientSampled :

NF-CON-1

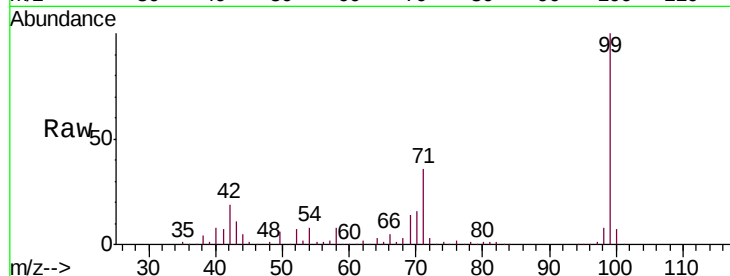
Tgt Ion: 99 Resp: 463998

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

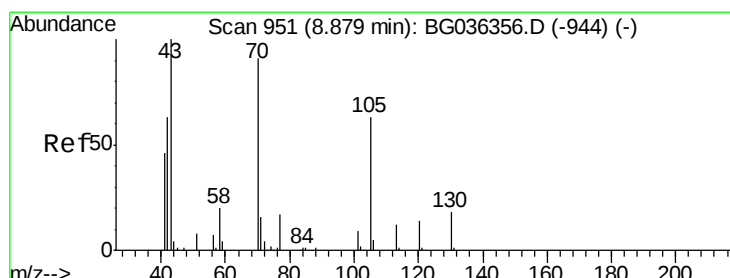
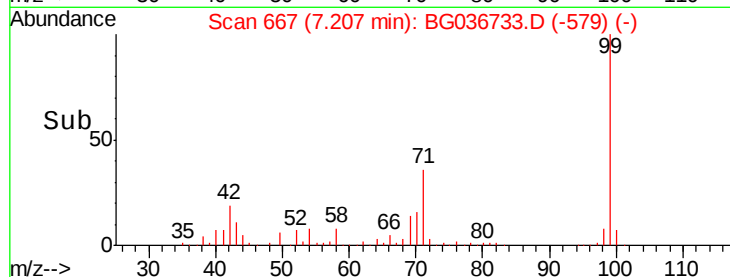
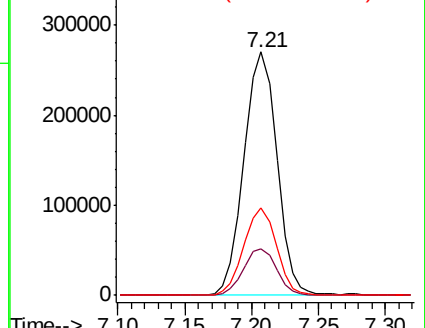
71 35.9 29.4 44.2



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: 11.815 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036733.D

Acq: 15 Sep 2018 9:45

Tgt Ion: 70 Resp: 47363

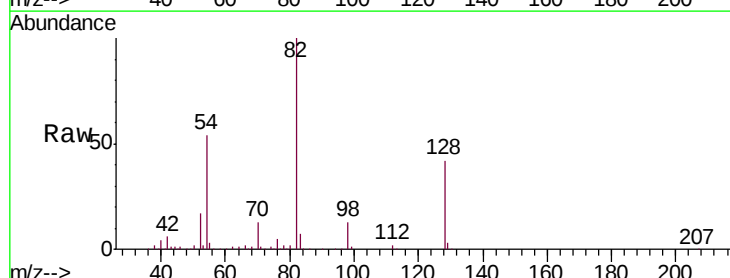
Ion Ratio Lower Upper

70 100

42 47.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

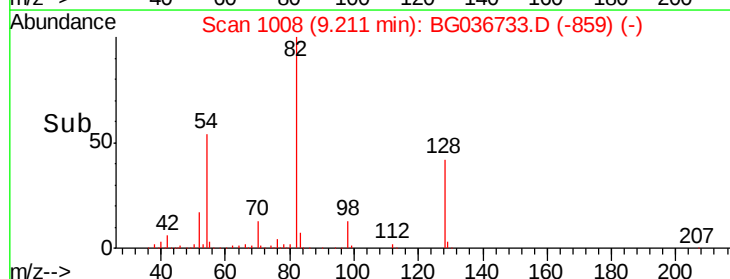
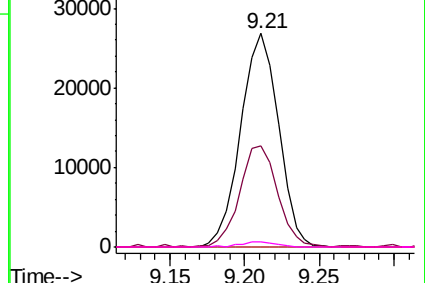


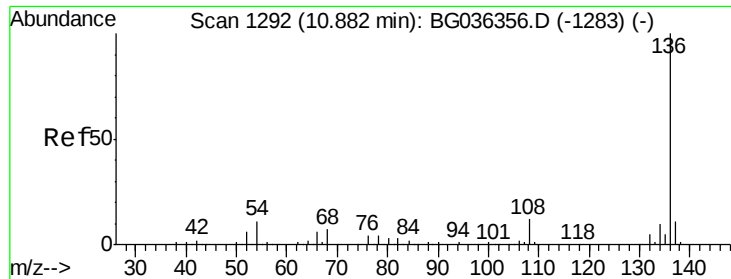
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

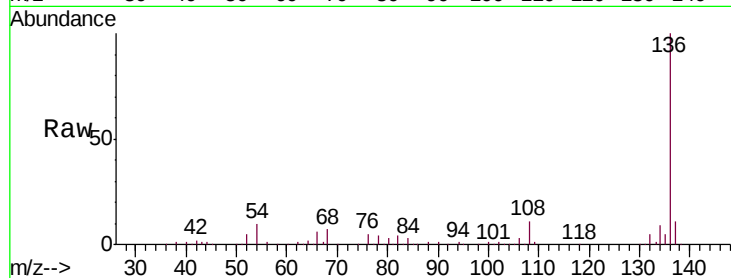




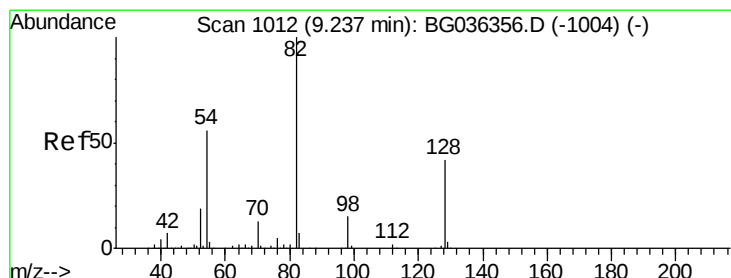
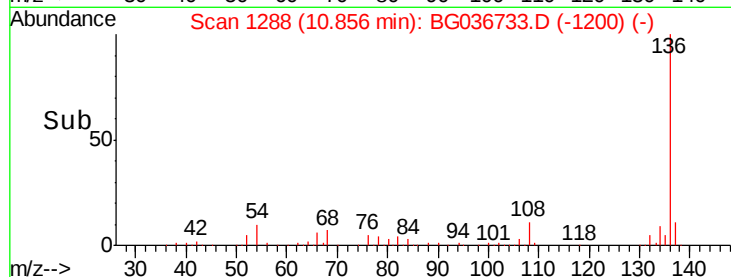
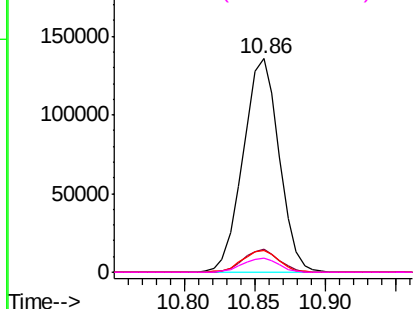
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Instrument :
BNA_G
ClientSampleId :
NF-CON-1

Tgt Ion:	136	Resp:	242877
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	9.2	13.8
68	6.9	5.8	8.6

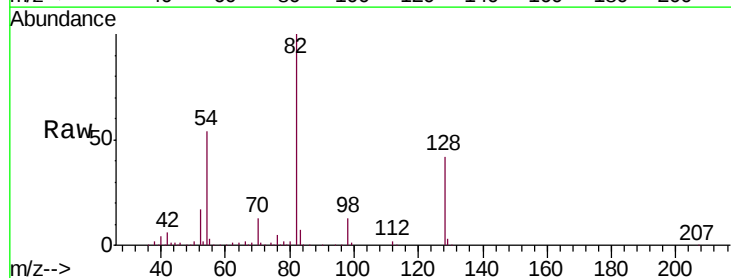


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

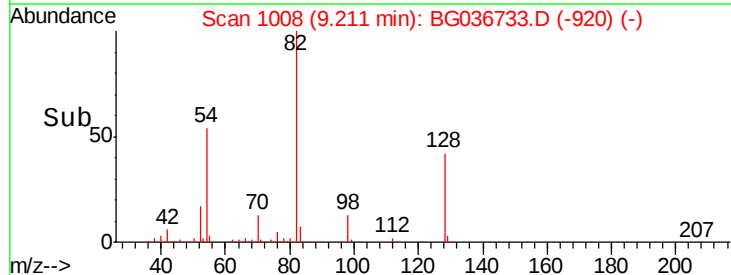
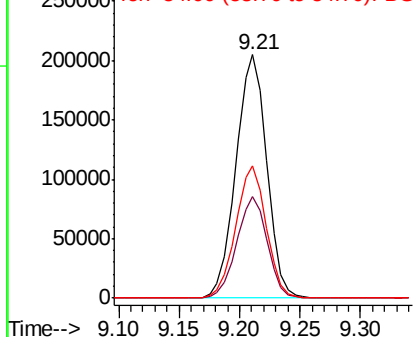


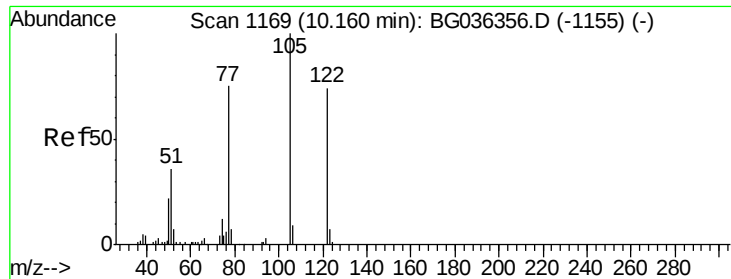
#23
Nitrobenzene-d5
Concen: 81.224 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Tgt Ion:	82	Resp:	363595
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	54.2	45.1	67.7



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





#32

Benzoic acid

Concen: 4.571 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BG036733.D

Acq: 15 Sep 2018 9:45

Instrument :

BNA_G

ClientSampleId :

NF-CON-1

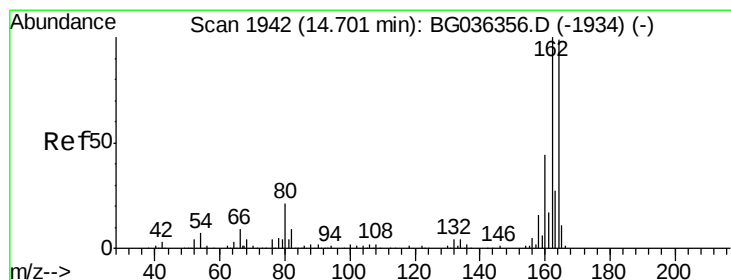
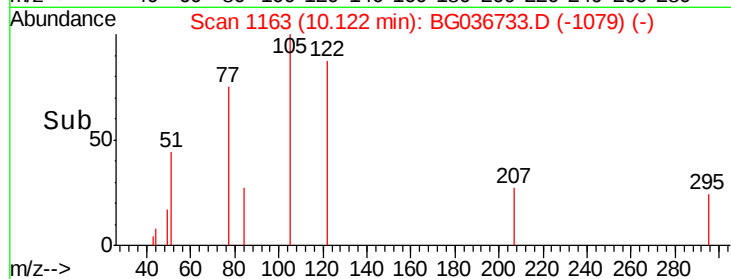
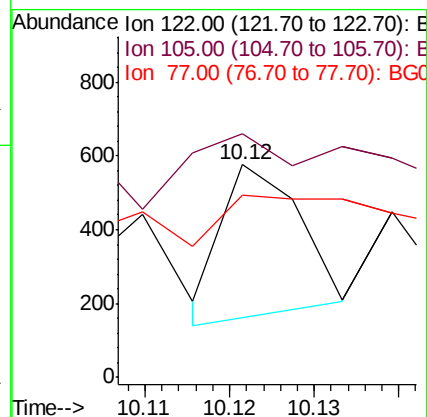
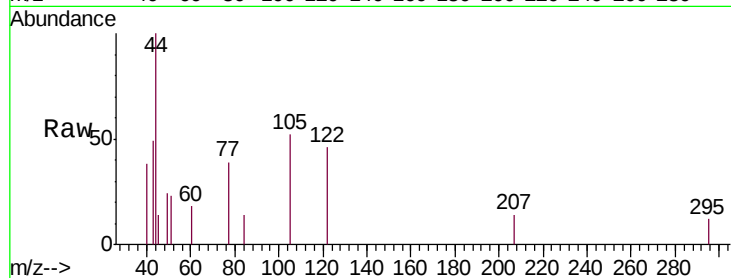
Tgt Ion:122 Resp: 265

Ion Ratio Lower Upper

122 100

105 114.6 108.1 148.1

77 85.9 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: BG036733.D

Acq: 15 Sep 2018 9:45

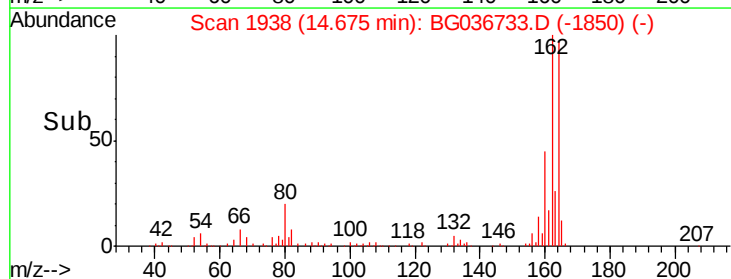
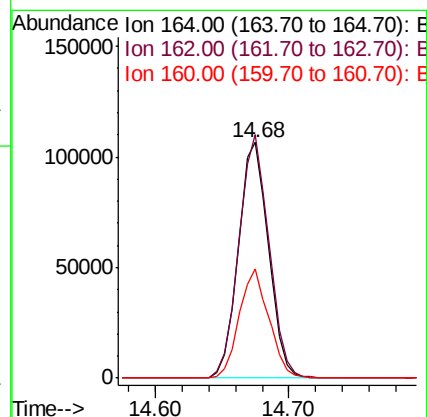
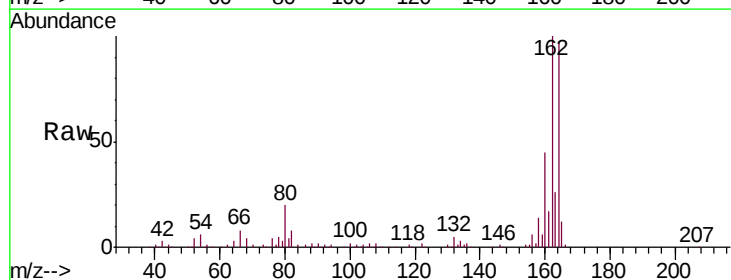
Tgt Ion:164 Resp: 166918

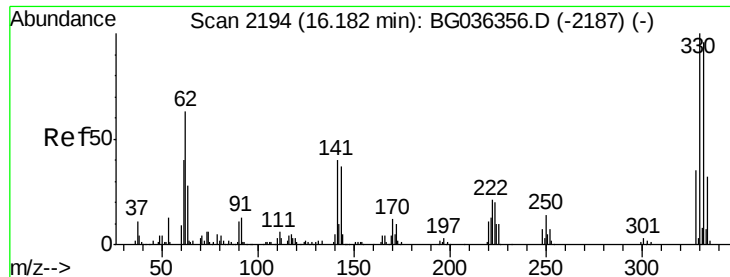
Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

160 46.1 35.3 52.9

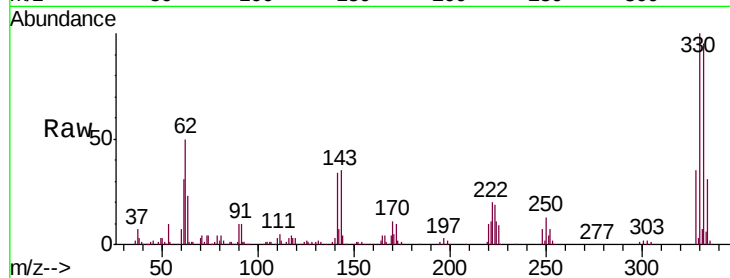




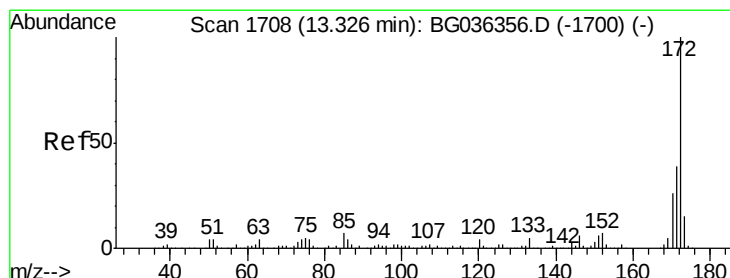
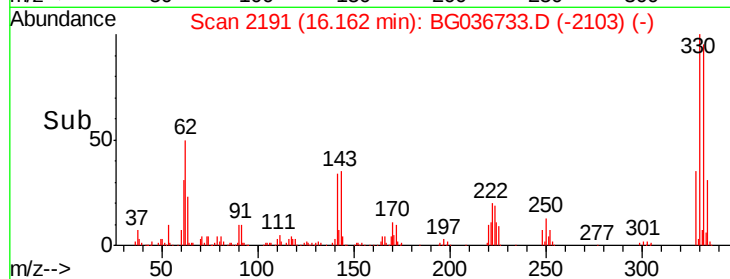
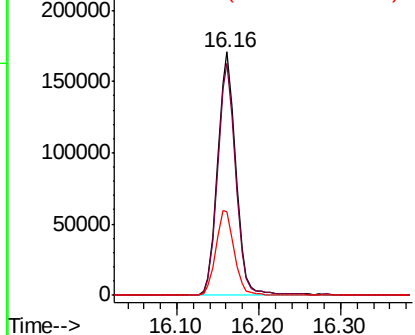
#41
 2,4,6-Tribromophenol
 Concen: 133.494 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

Instrument :
 BNA_G
 ClientSampleId :
 NF-CON-1

Tgt Ion:330 Resp: 265880
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.4 113.2
 141 34.9 30.7 46.1

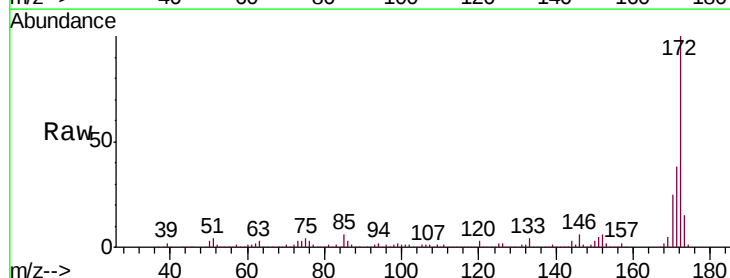


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

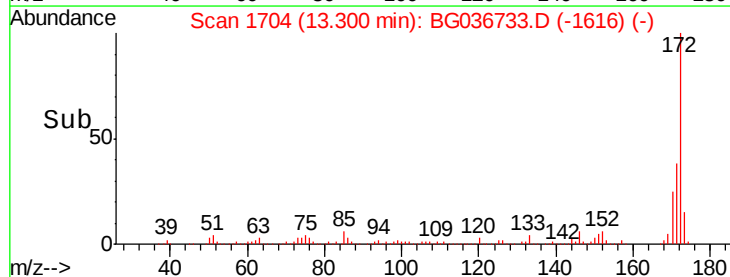
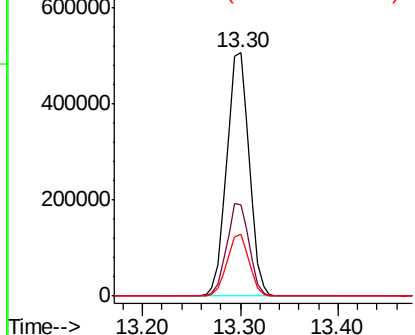


#44
 2-Fluorobiphenyl
 Concen: 69.401 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

Tgt Ion:172 Resp: 811326
 Ion Ratio Lower Upper
 172 100
 171 37.6 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

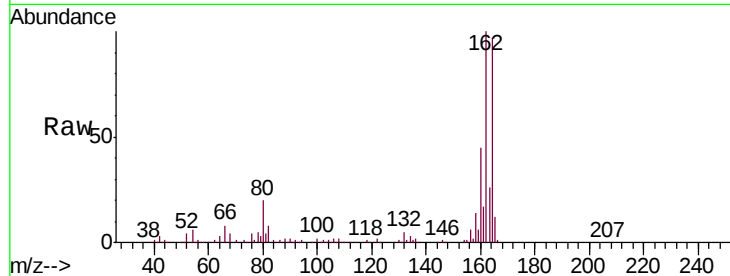




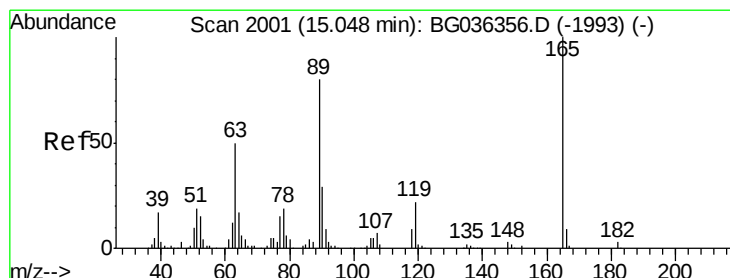
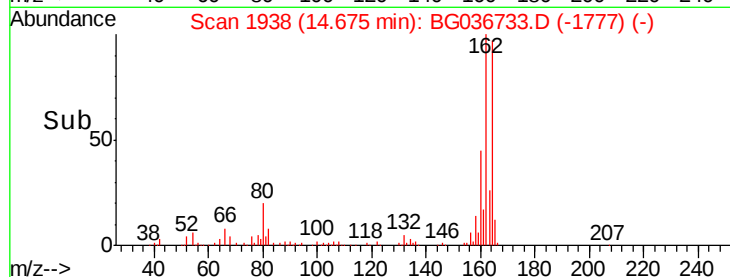
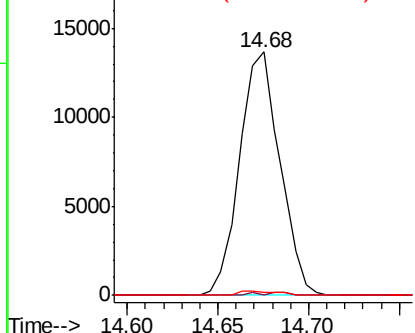
#50
2,6-Dinitrotoluene
Concen: 7.525 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Instrument :
BNA_G
ClientSampleId :
NF-CON-1

Tgt Ion:165 Resp: 21104
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.3 47.8 71.6#

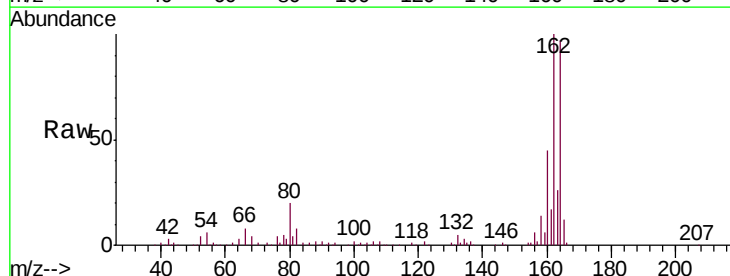


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

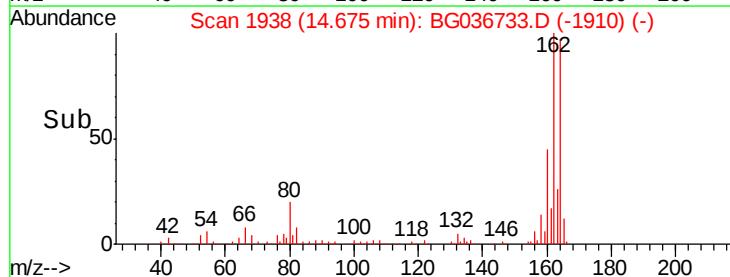
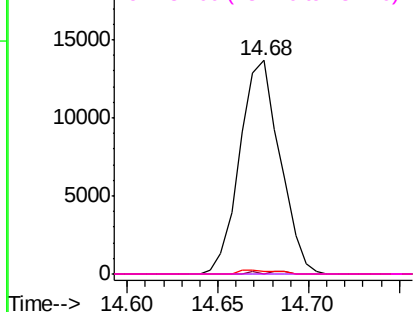


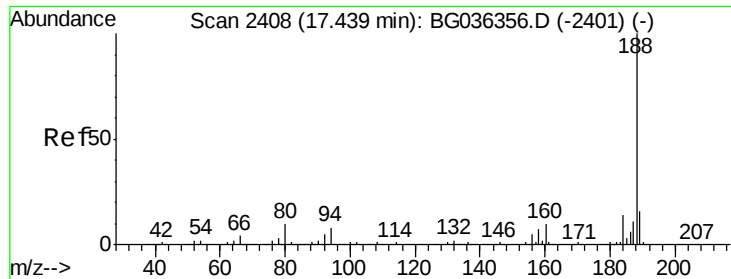
#56
2,4-Dinitrotoluene
Concen: 5.774 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Tgt Ion:165 Resp: 21104
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

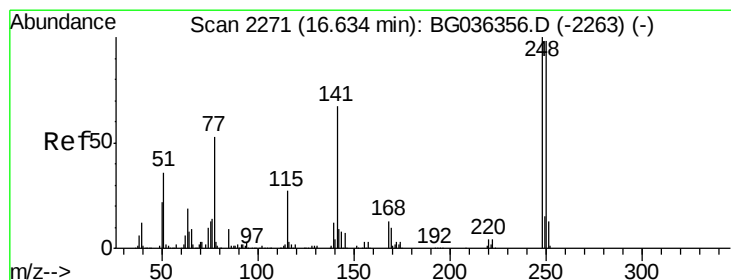
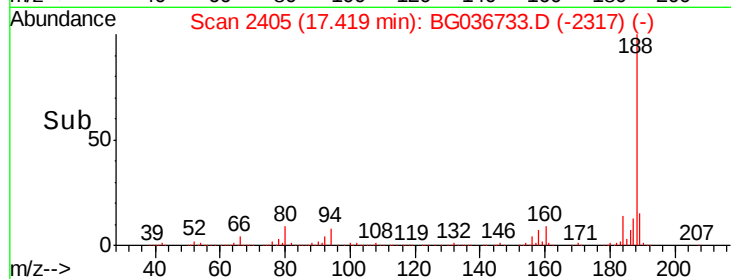
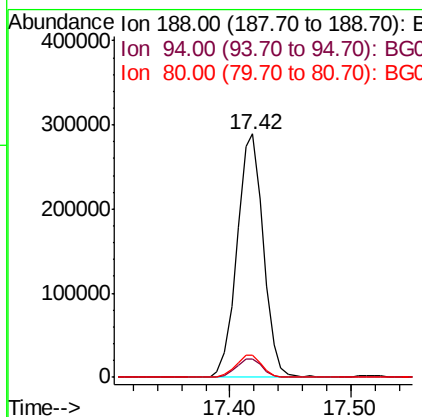
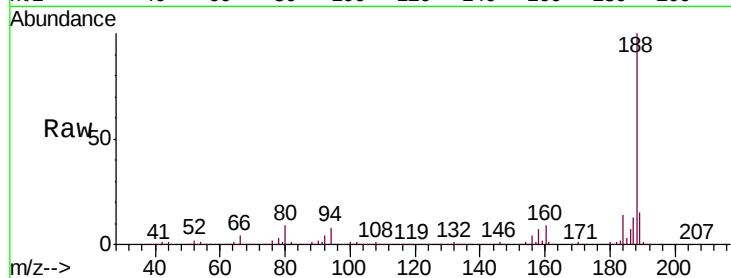




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

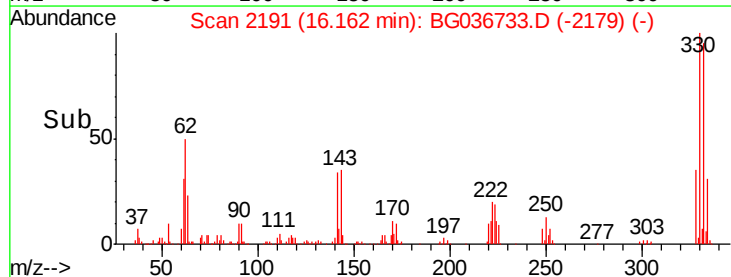
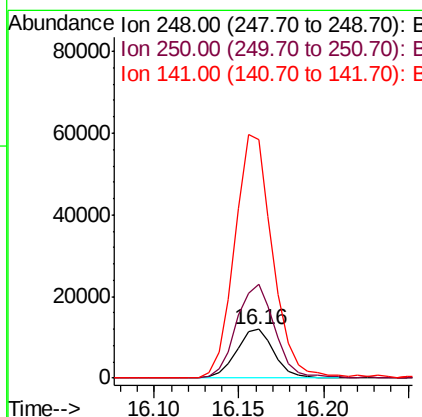
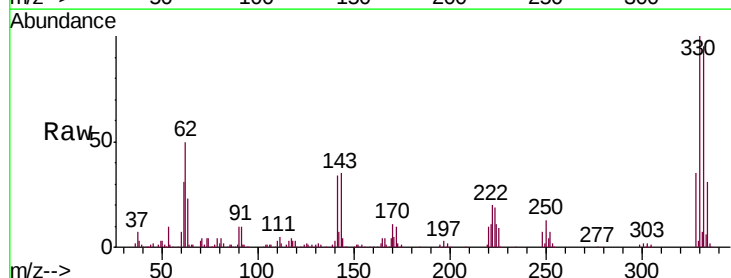
Instrument :
 BNA_G
 ClientSampleId :
 NF-CON-1

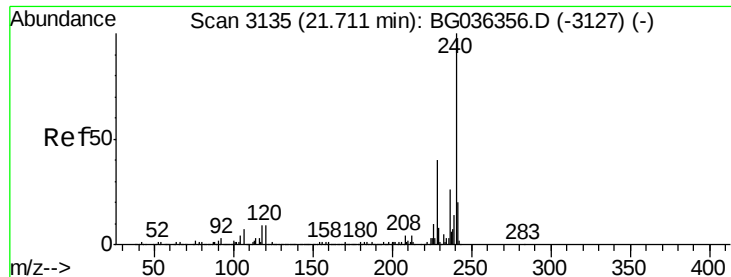
Tgt Ion:188 Resp: 437980
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 8.9 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.630 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

Tgt Ion:248 Resp: 18615
 Ion Ratio Lower Upper
 248 100
 250 193.5 78.1 117.1#
 141 493.8 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036733.D

Acq: 15 Sep 2018 9:45

Instrument :

BNA_G

ClientSampleId :

NF-CON-1

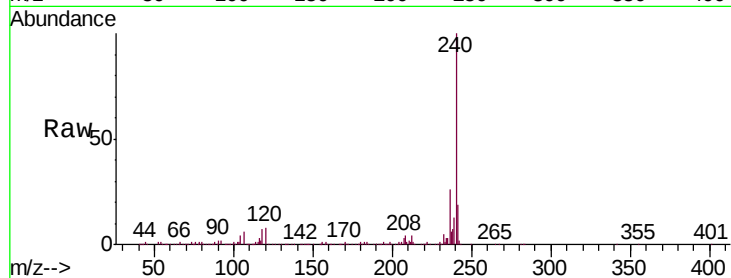
Tgt Ion:240 Resp: 451890

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

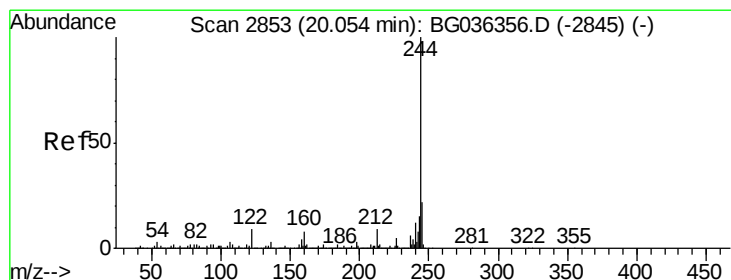
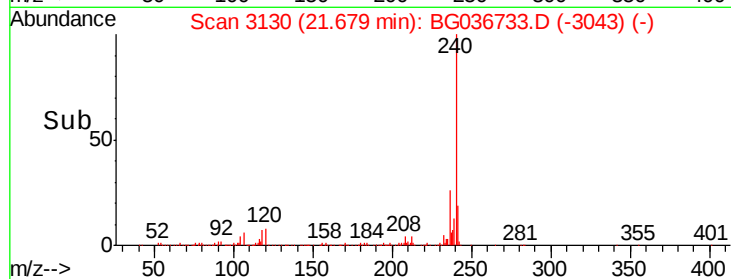
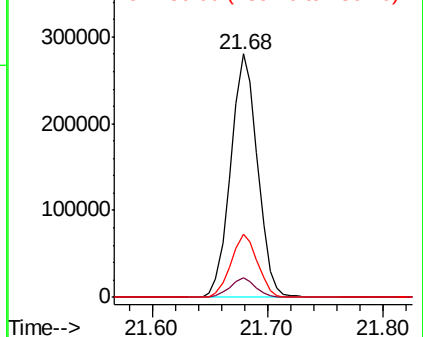
236 25.9 21.2 31.8



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: 77.250 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036733.D

Acq: 15 Sep 2018 9:45

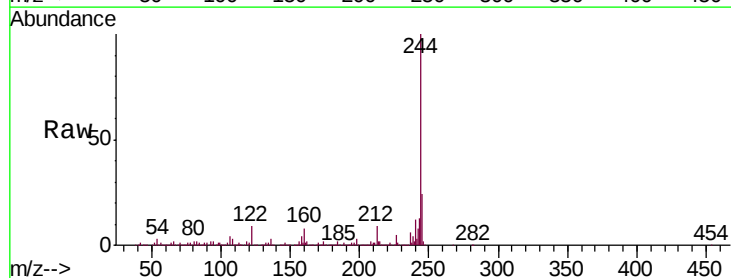
Tgt Ion:244 Resp: 1493505

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

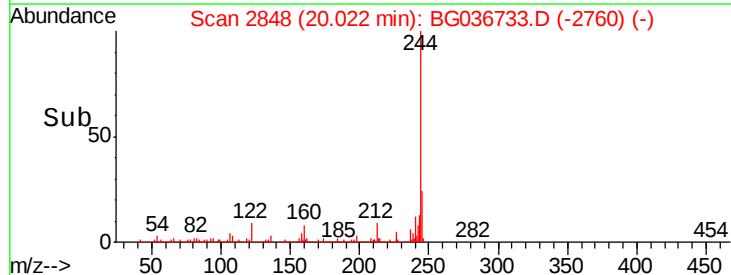
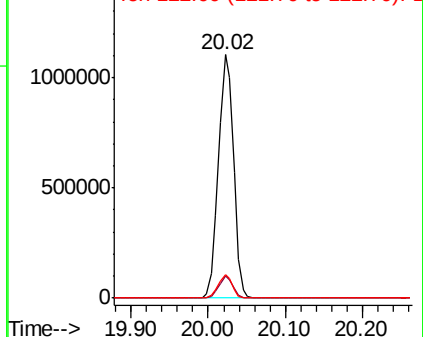
122 9.5 7.1 10.7

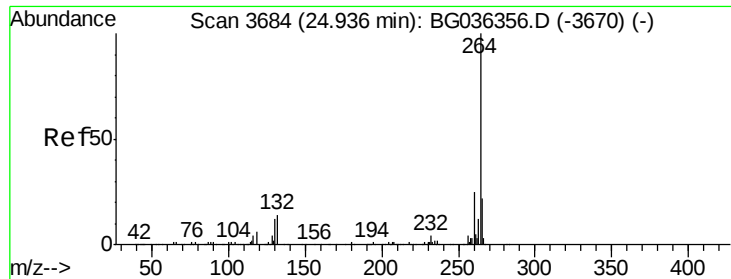


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

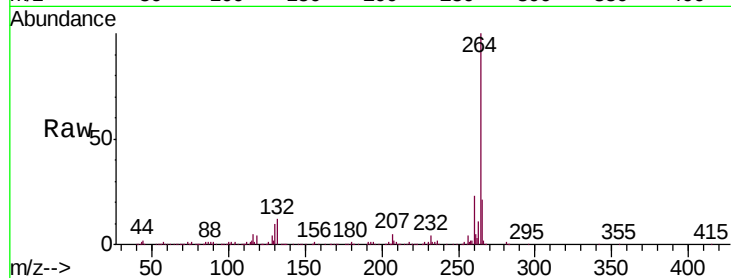




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

Instrument :
BNA_G
ClientSampleId :
NF-CON-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.3	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

