

Data File : BG036734.D
Acq On : 15 Sep 2018 10:24
Operator : JU/SJ
Sample : J4873-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NF-CON-2

Quant Time: Sep 17 03:48:35 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

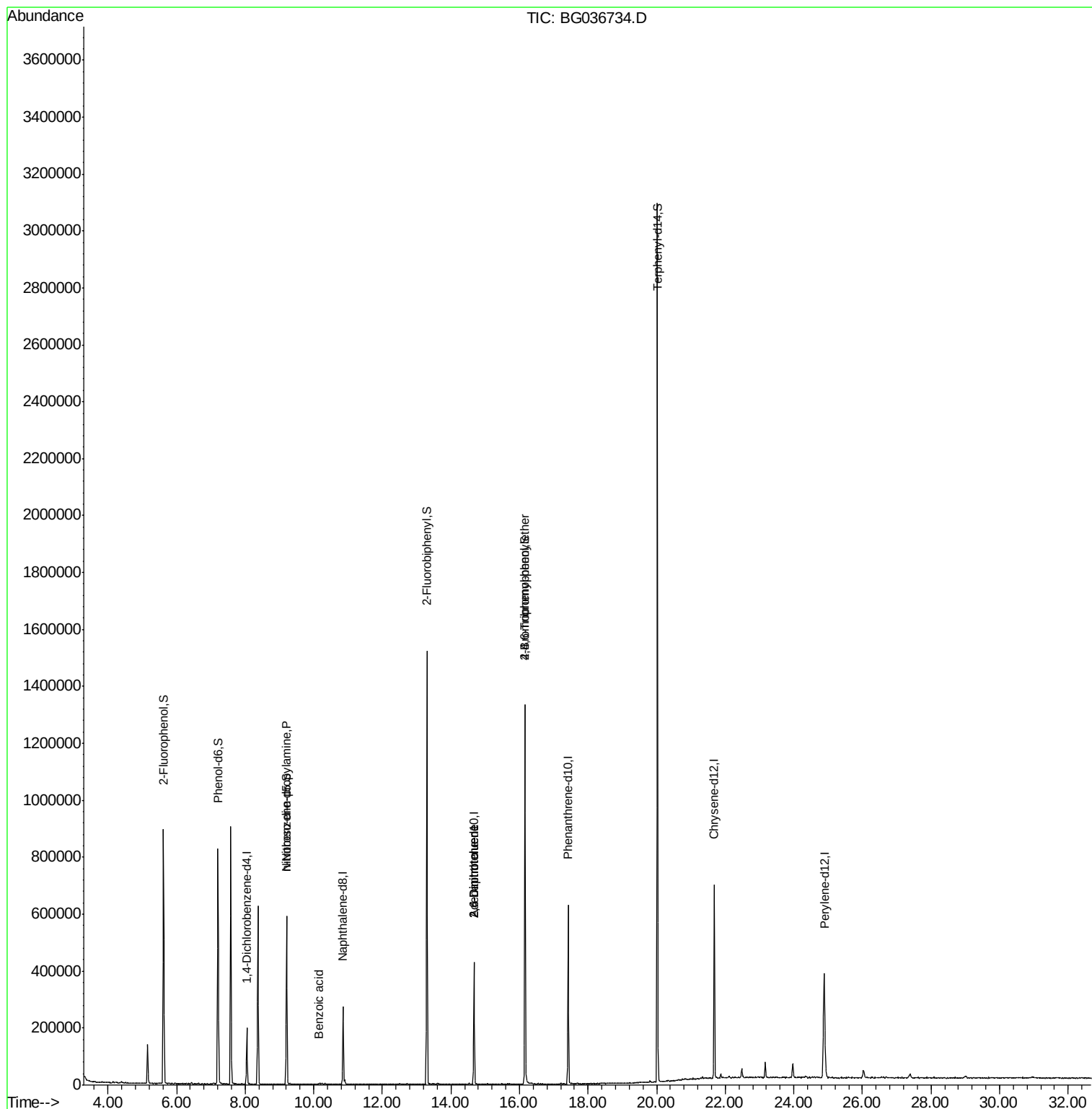
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55915	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	228036	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	151103	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	396657	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	411307	20.00	ng	-0.02
86) Perylene-d12	24.88	264	410712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	364897	103.52	ng	0.00
7) Phenol-d6	7.21	99	471645	93.46	ng	-0.01
23) Nitrobenzene-d5	9.21	82	351877	83.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	256354	142.18	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	791798	74.82	ng	-0.01
78) Terphenyl-d14	20.02	244	1483102	84.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47142	12.499	ng	# 70
32) Benzoic acid	10.15	122	341	4.605	ng	# 59
50) 2,6-Dinitrotoluene	14.67	165	19783	7.792	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	19783	5.979	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	17720	3.816	ng	# 1

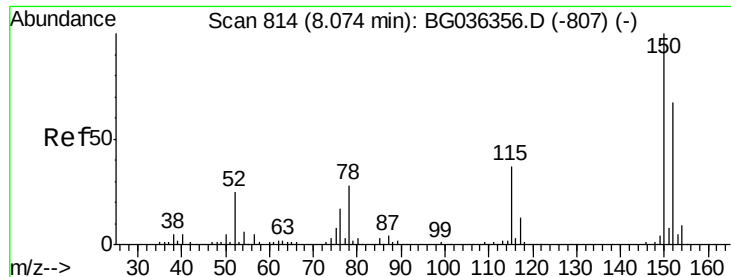
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG036734.D
Acq On : 15 Sep 2018 10:24
Operator : JU/SJ
Sample : J4873-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NF-CON-2

Quant Time: Sep 17 03:48:35 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



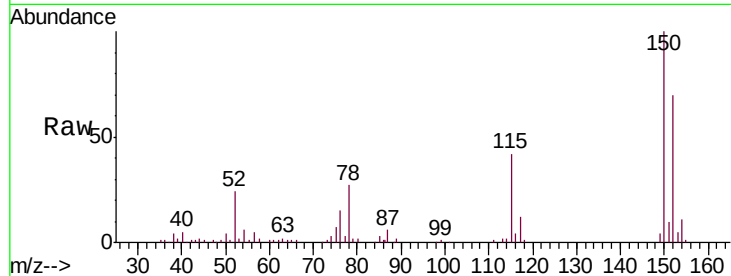


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Instrument :
BNA_G
ClientSampleId :
NF-CON-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.1	119.5	179.3
115	59.4	44.5	66.7

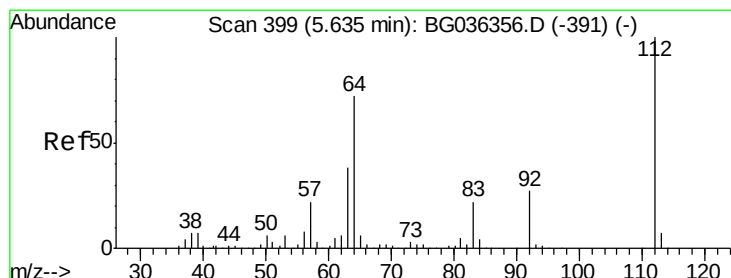
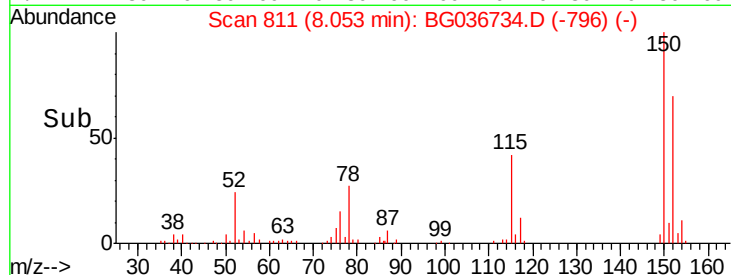
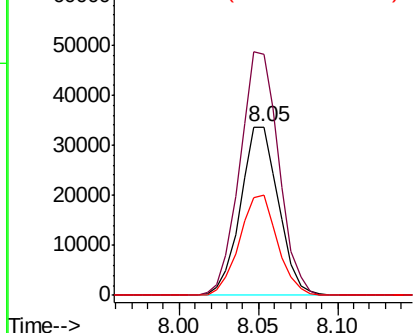


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

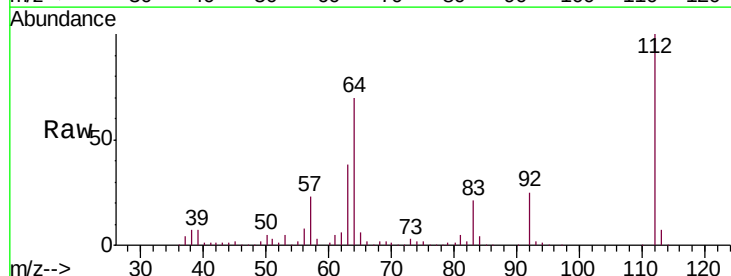
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.520 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.2	85.8
63	37.7	30.8	46.2

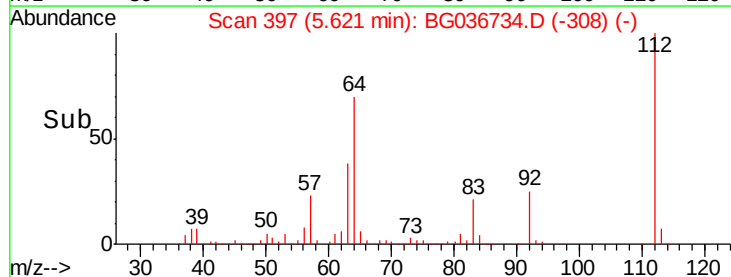
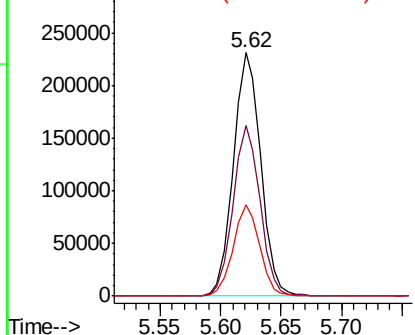


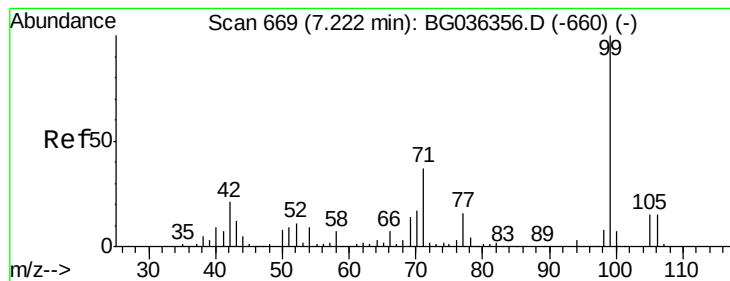
Abundance

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: 93.455 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036734.D

Acq: 15 Sep 2018 10:24

Instrument :

BNA_G

ClientSampleId :

NF-CON-2

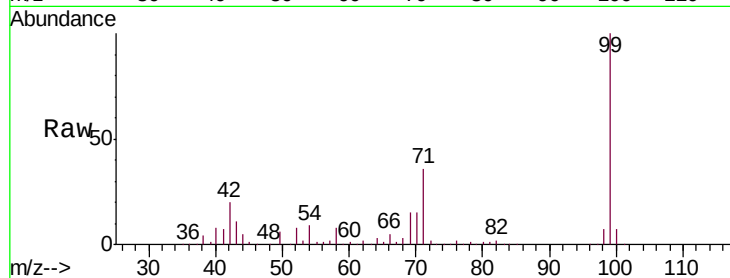
Tgt Ion: 99 Resp: 471645

Ion Ratio Lower Upper

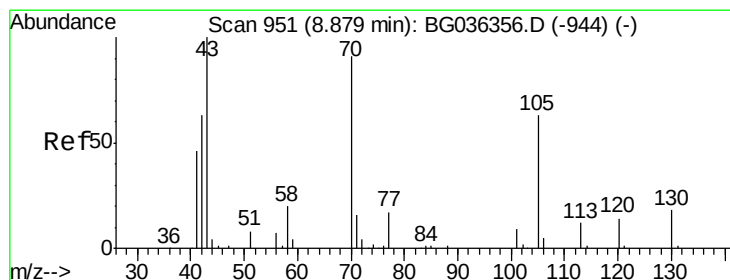
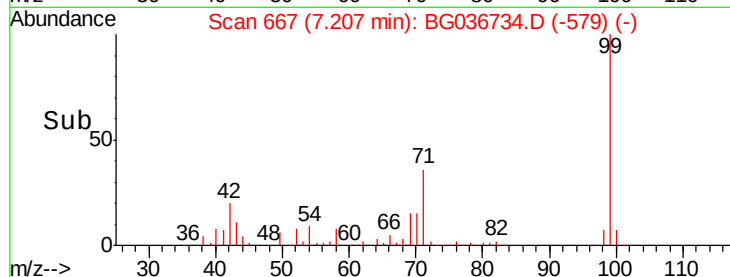
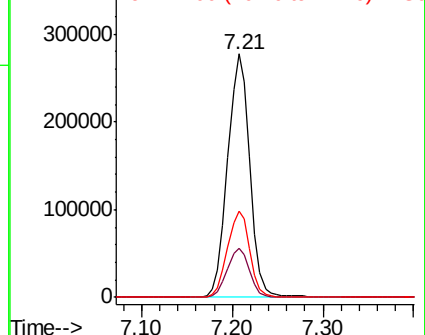
99 100

42 20.0 16.5 24.7

71 35.6 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: 12.499 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036734.D

Acq: 15 Sep 2018 10:24

Tgt Ion: 70 Resp: 47142

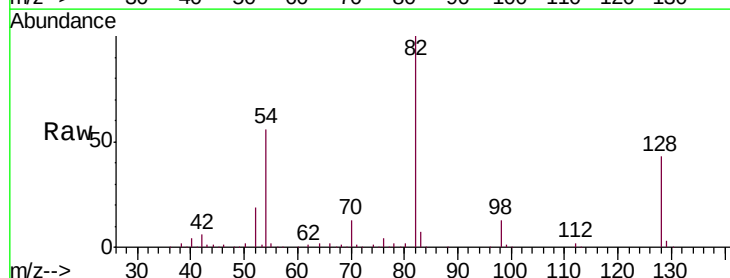
Ion Ratio Lower Upper

70 100

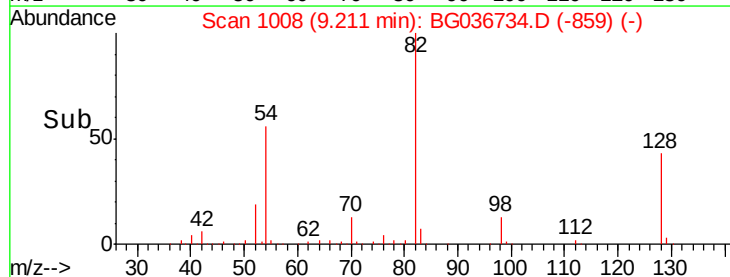
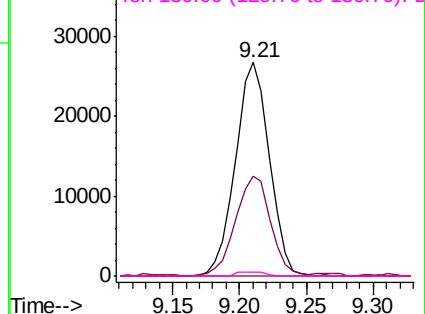
42 47.0 56.2 84.4#

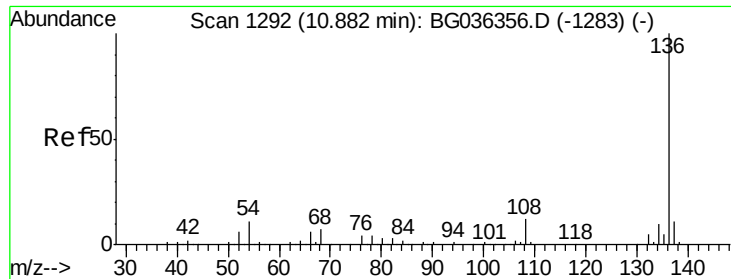
101 0.0 7.8 11.6#

130 1.8 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

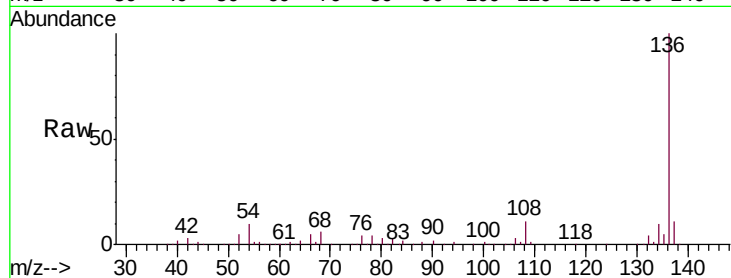




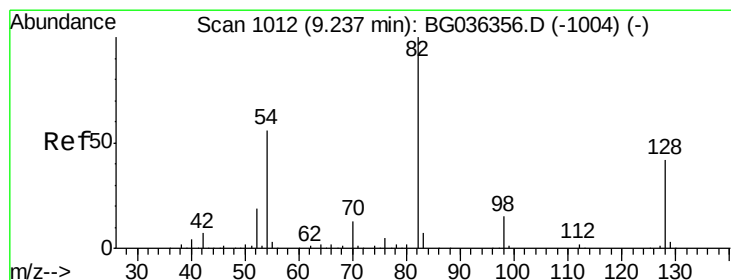
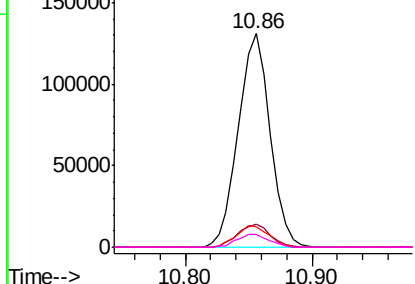
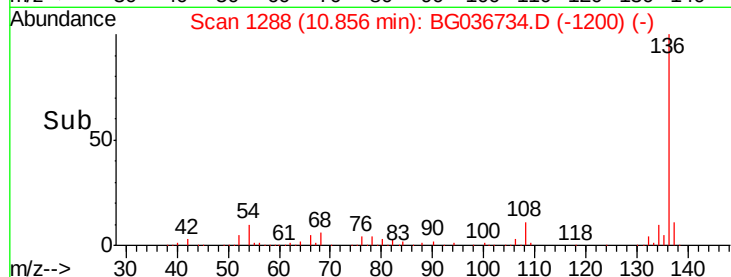
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Instrument :
BNA_G
ClientSampleId :
NF-CON-2

Tgt Ion:	136	Resp:	228036
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.7	9.2	13.8
68	5.8	5.8	8.6

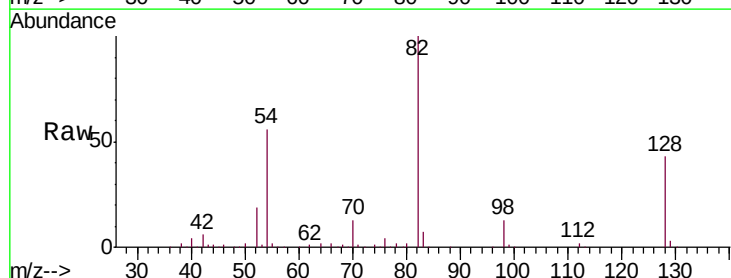


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

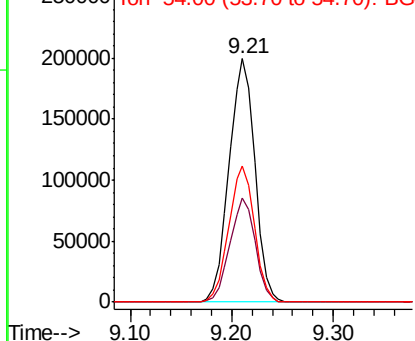
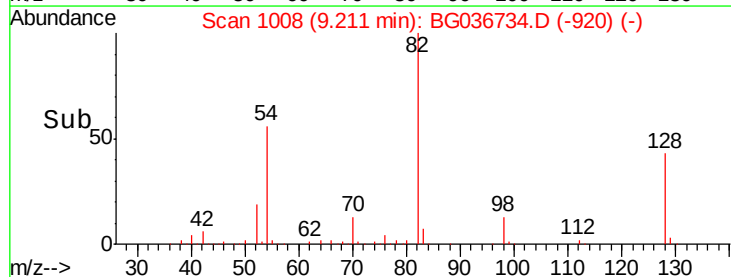


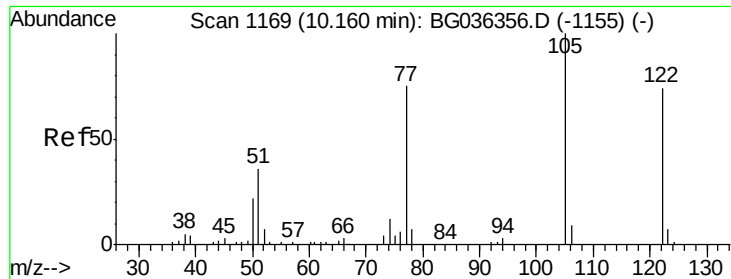
#23
Nitrobenzene-d5
Concen: 83.722 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Tgt Ion:	82	Resp:	351877
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	55.8	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BGC
150000
100000
50000
0

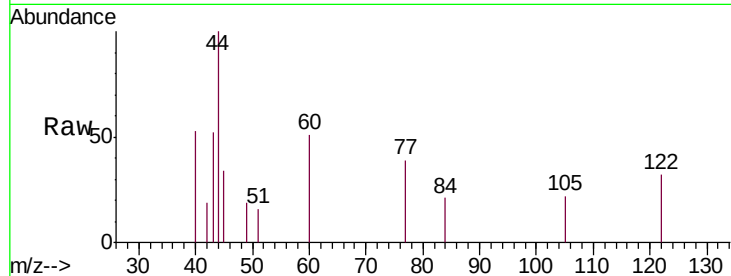




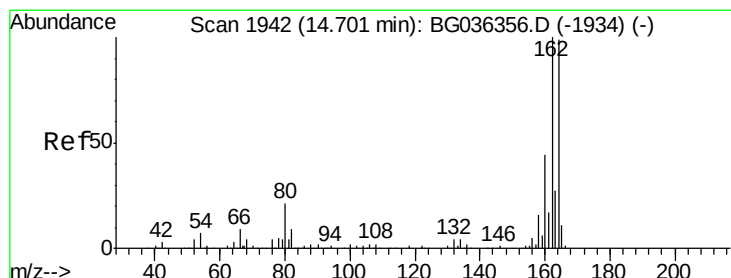
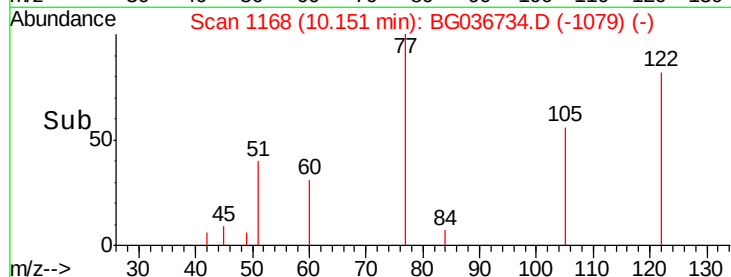
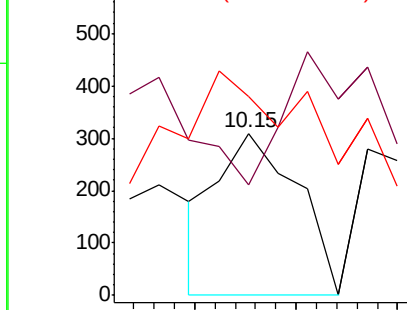
#32
Benzoic acid
Concen: 4.605 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Instrument :
BNA_G
ClientSampleId :
NF-CON-2

Tgt Ion:122 Resp: 341
Ion Ratio Lower Upper
122 100
105 68.1 108.1 148.1#
77 122.6 76.3 116.3#

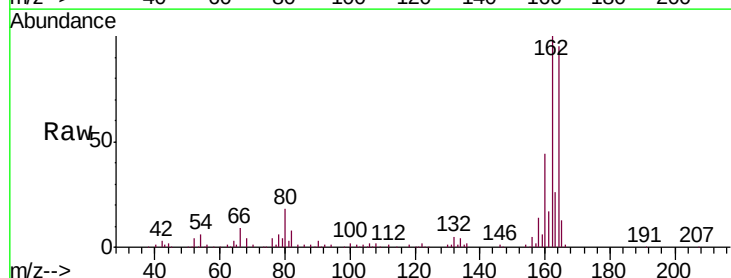


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

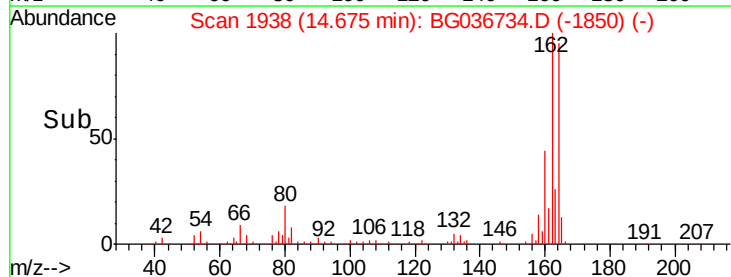
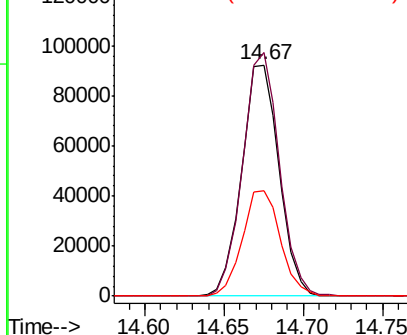


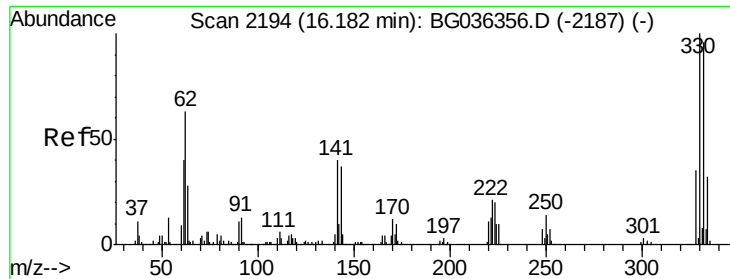
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Tgt Ion:164 Resp: 151103
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 45.8 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

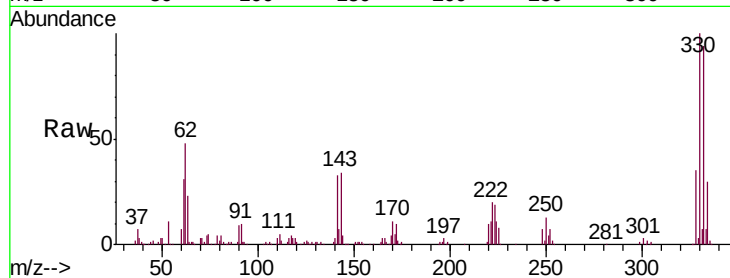




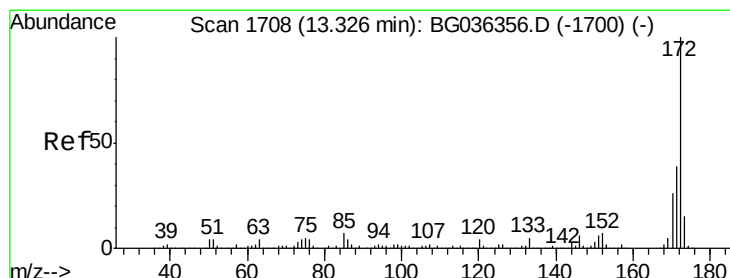
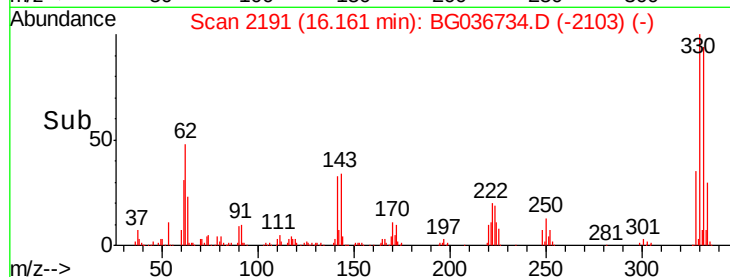
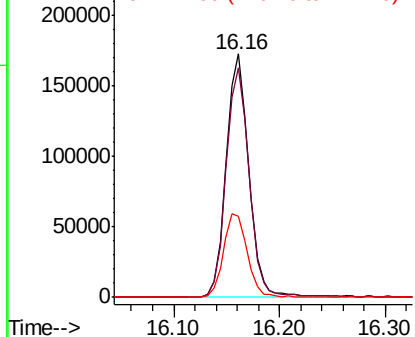
#41
 2,4,6-Tribromophenol
 Concen: 142.182 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036734.D
 Acq: 15 Sep 2018 10:24

Instrument :
 BNA_G
 ClientSampleId :
 NF-CON-2

Tgt Ion:330 Resp: 256354
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.2
 141 36.1 30.7 46.1

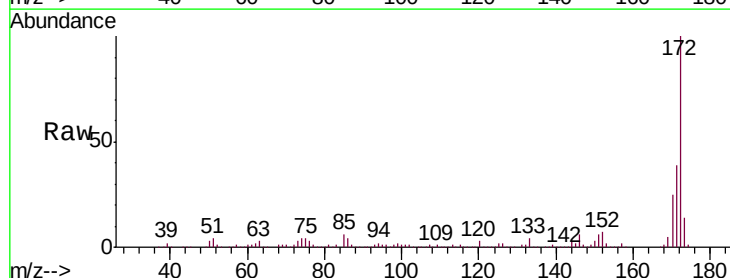


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

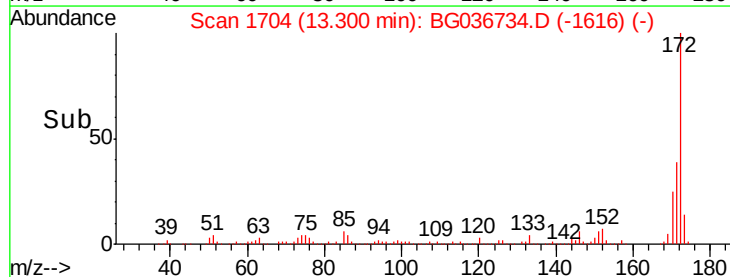
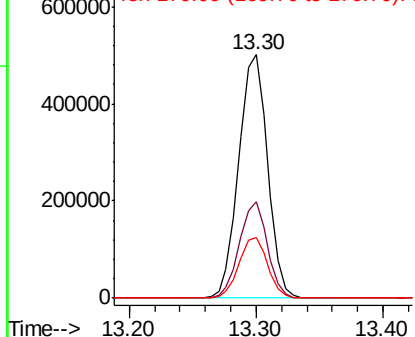


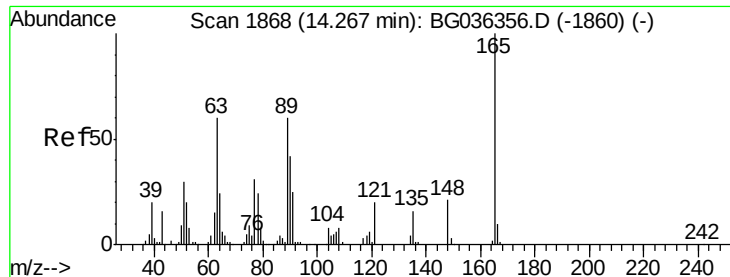
#44
 2-Fluorobiphenyl
 Concen: 74.819 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036734.D
 Acq: 15 Sep 2018 10:24

Tgt Ion:172 Resp: 791798
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.3 46.9
 170 25.0 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

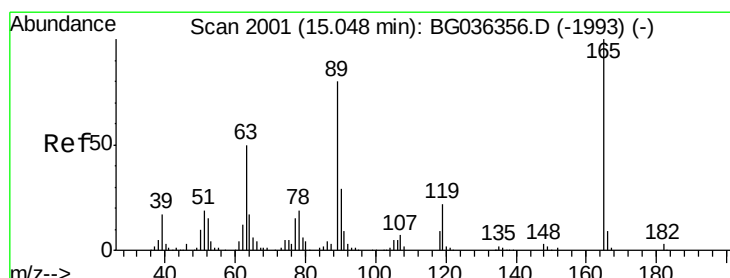
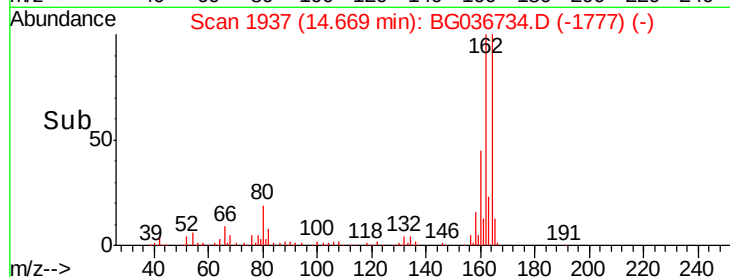
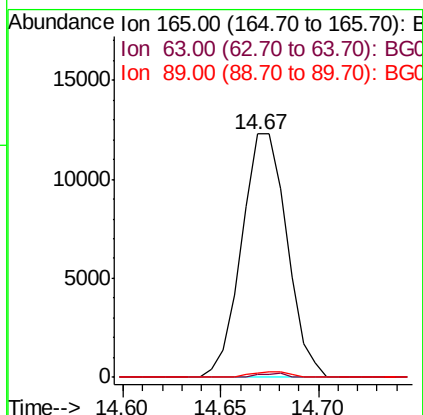
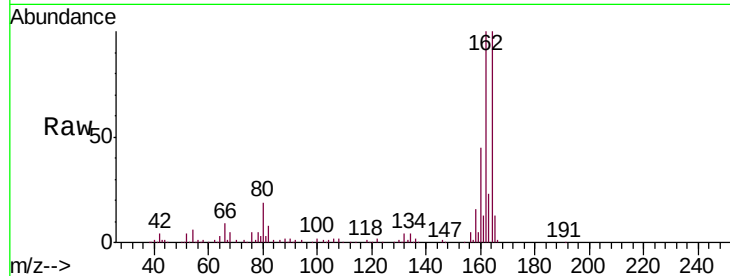




#50
2,6-Dinitrotoluene
Concen: 7.792 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

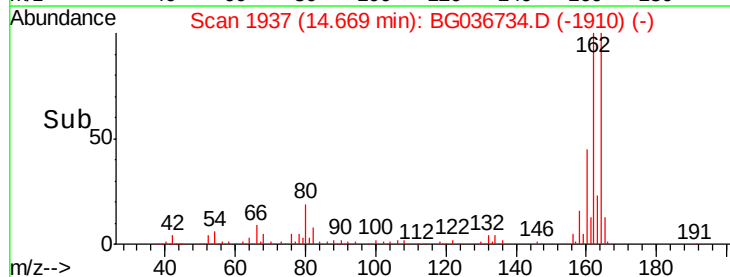
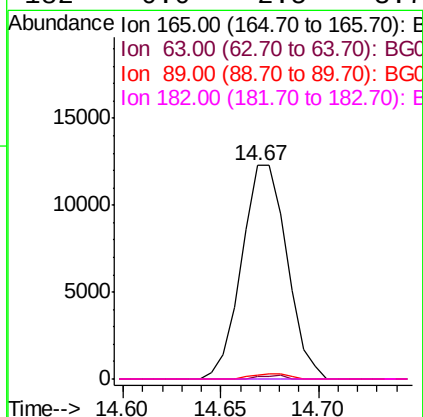
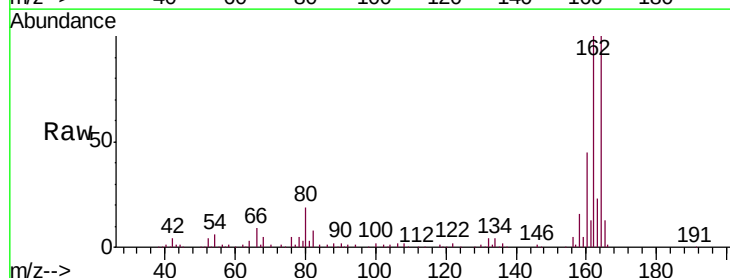
Instrument :
BNA_G
ClientSampleId :
NF-CON-2

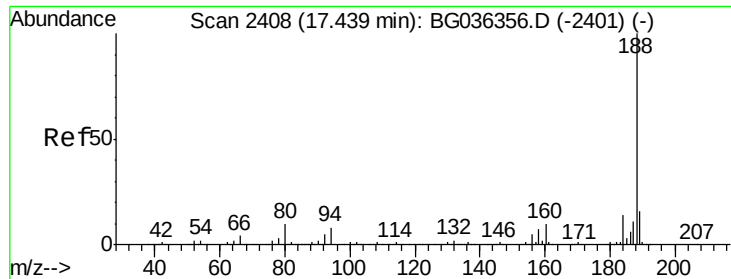
Tgt Ion:165 Resp: 19783
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.6 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.979 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Tgt Ion:165 Resp: 19783
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.6 63.7 95.5#
182 0.0 2.5 3.7#

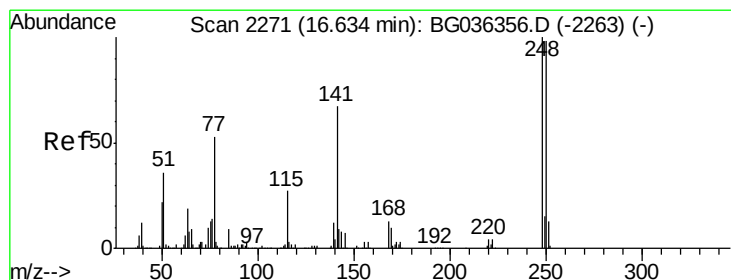
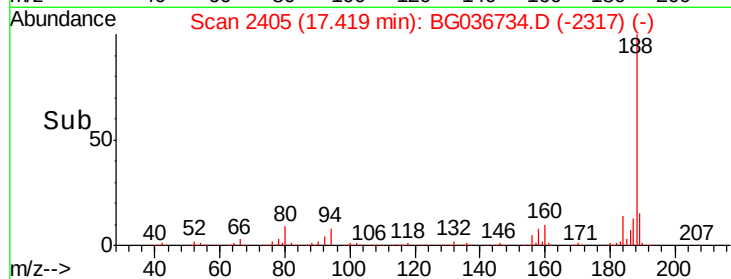
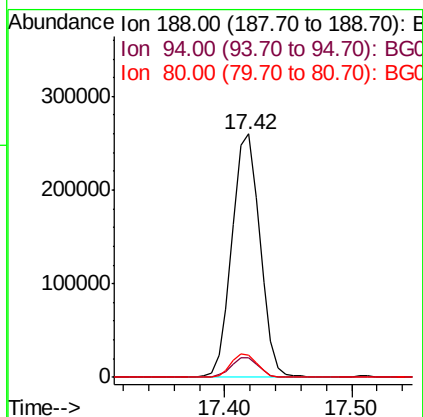
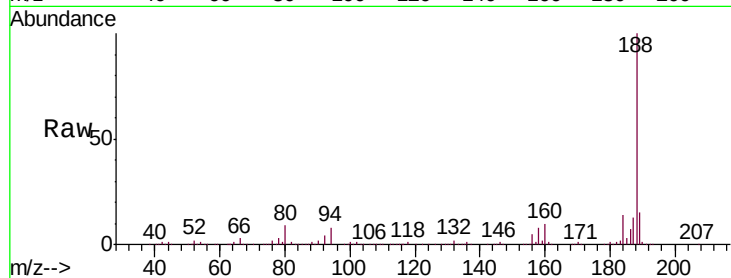




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

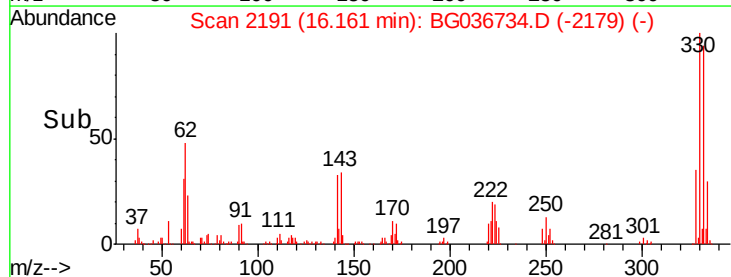
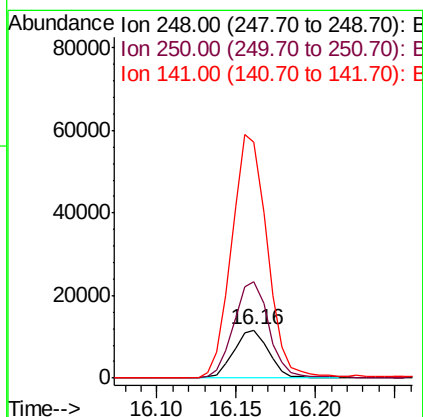
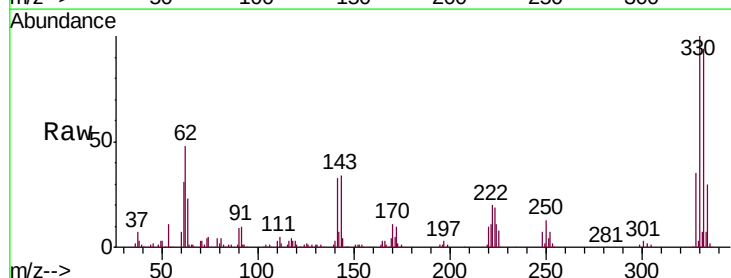
Instrument :
BNA_G
ClientSampleId :
NF-CON-2

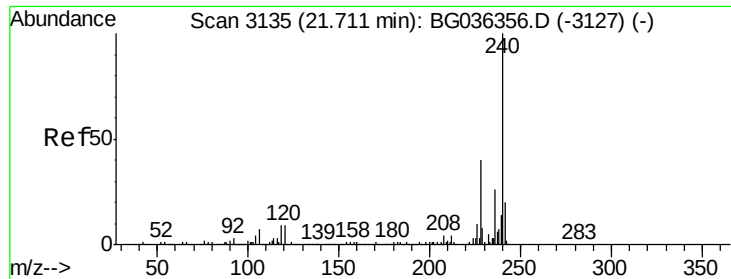
Tgt Ion:188 Resp: 396657
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.2 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Tgt Ion:248 Resp: 17720
Ion Ratio Lower Upper
248 100
250 200.9 78.1 117.1#
141 493.7 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: BG036734.D

Acq: 15 Sep 2018 10:24

Instrument :

BNA_G

ClientSampleId :

NF-CON-2

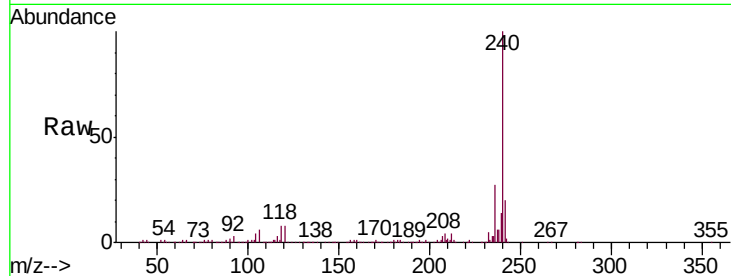
Tgt Ion:240 Resp: 411307

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

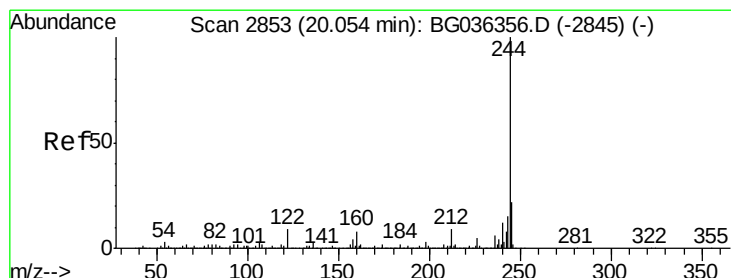
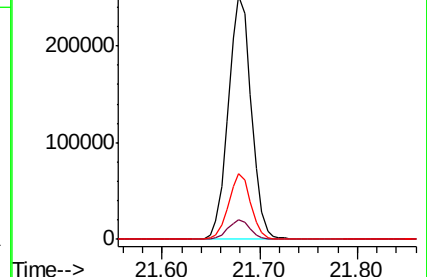
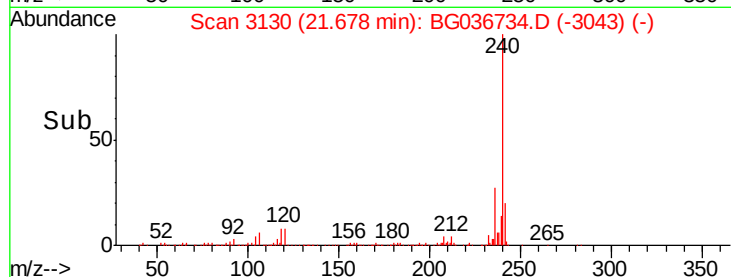
236 26.9 21.2 31.8



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: 84.281 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036734.D

Acq: 15 Sep 2018 10:24

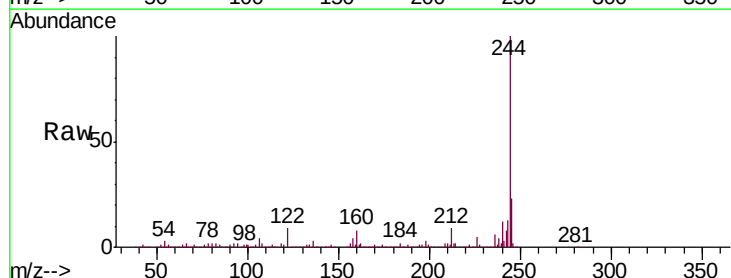
Tgt Ion:244 Resp: 1483102

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

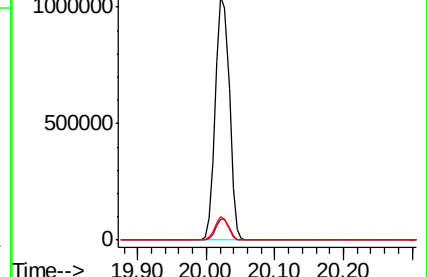
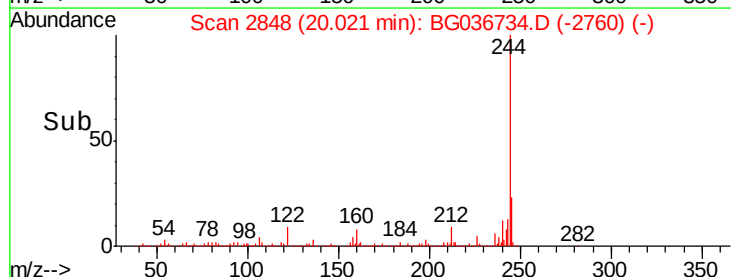
122 9.5 7.1 10.7

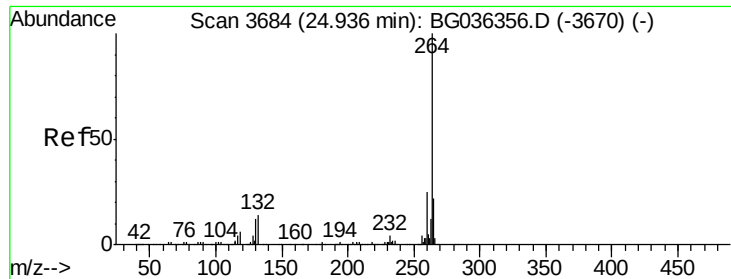


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

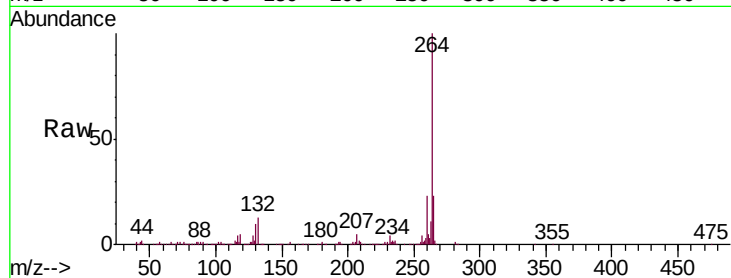




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036734.D
Acq: 15 Sep 2018 10:24

Instrument :
BNA_G
ClientSampleId :
NF-CON-2

Tgt Ion:	264	Resp:	410712
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.8	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

