

Data File : BG036735.D
Acq On : 15 Sep 2018 11:03
Operator : JU/SJ
Sample : J4873-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NF-STONE

Quant Time: Sep 17 03:48:46 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

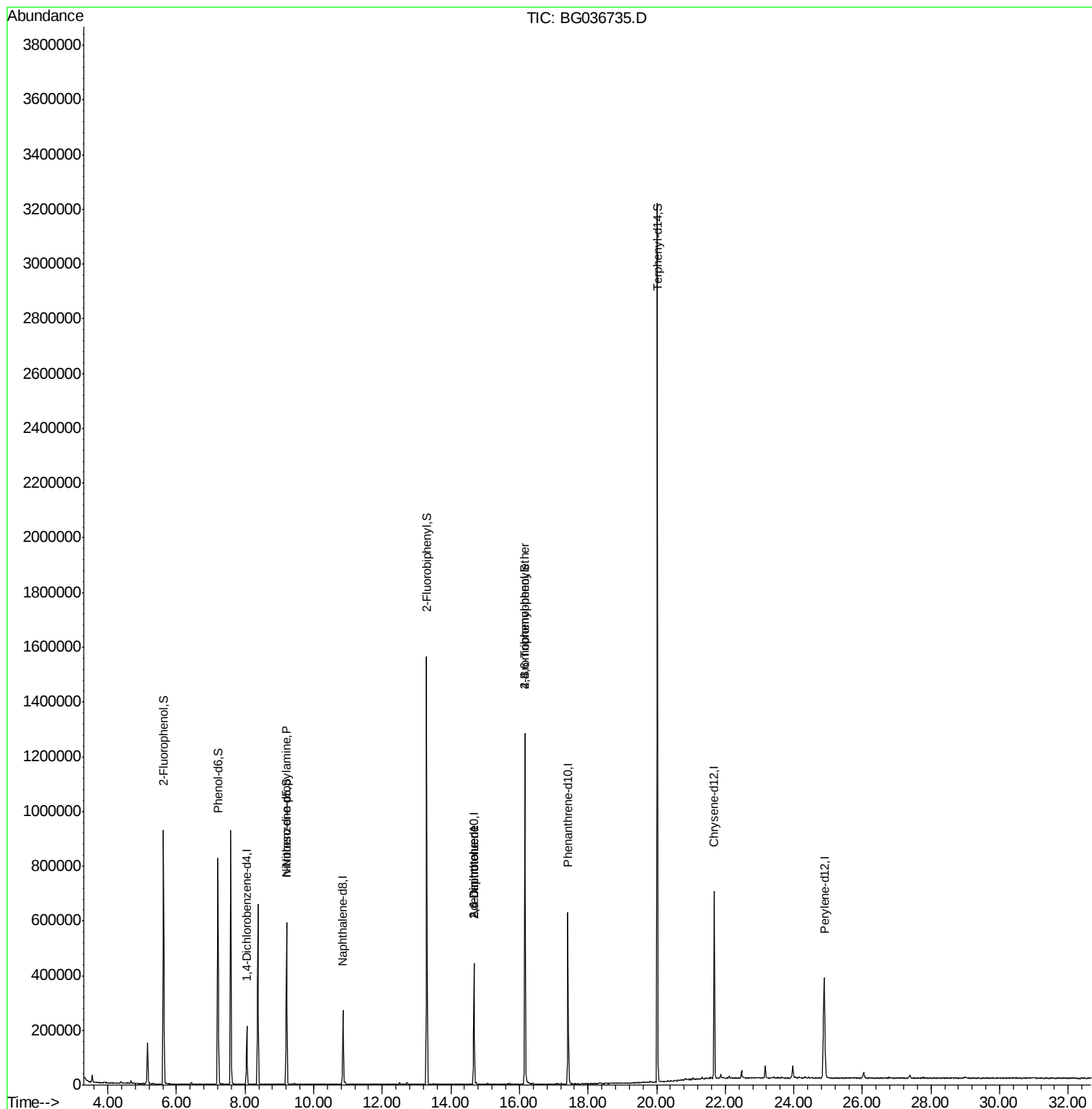
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59518	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	239659	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	153252	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	393603	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	415454	20.00	ng	-0.01
86) Perylene-d12	24.88	264	413772	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371622	99.05	ng	0.00
7) Phenol-d6	7.21	99	473637	88.17	ng	0.00
23) Nitrobenzene-d5	9.21	82	363899	82.38	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	240104	131.30	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	800751	74.60	ng	-0.01
78) Terphenyl-d14	20.02	244	1463289	82.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49294	12.278	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	20392	7.919	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	20392	6.076	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	16937	3.675	ng	# 1

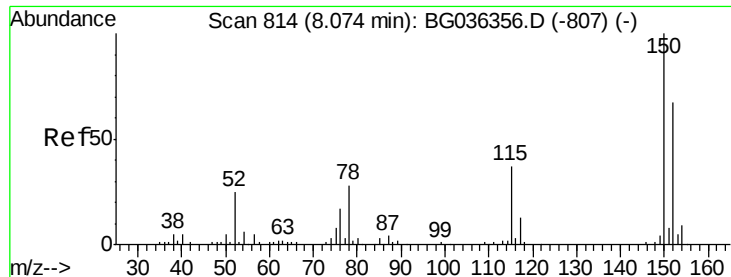
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG036735.D
Acq On : 15 Sep 2018 11:03
Operator : JU/SJ
Sample : J4873-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NF-STONE

Quant Time: Sep 17 03:48:46 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



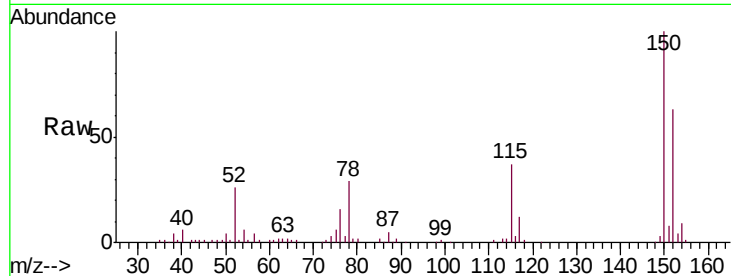


#1

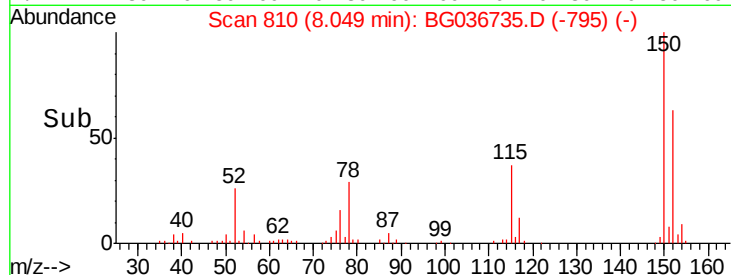
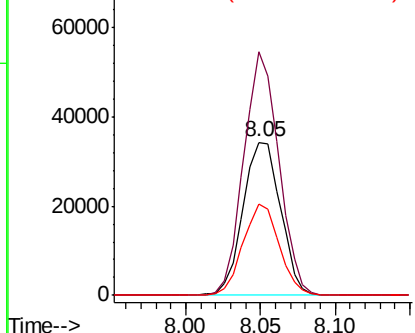
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036735.D
Acq: 15 Sep 2018 11:03

Instrument :
BNA_G
ClientSampleId :
NF-STONE

Tgt Ion:152 Resp: 59518
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 59.8 44.5 66.7



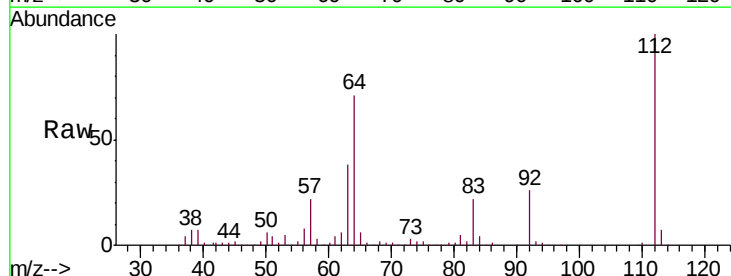
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



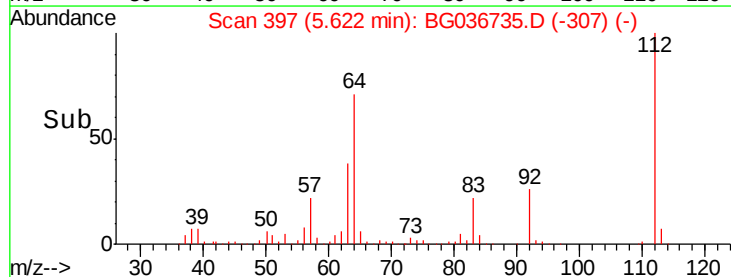
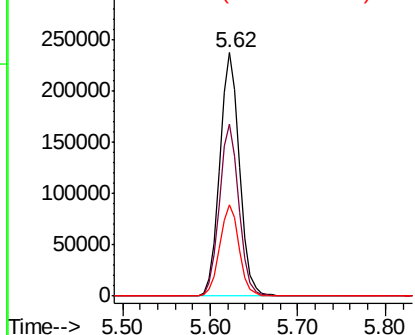
#5

2-Fluorophenol
Concen: 99.046 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036735.D
Acq: 15 Sep 2018 11:03

Tgt Ion:112 Resp: 371622
Ion Ratio Lower Upper
112 100
64 70.5 57.2 85.8
63 37.6 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: 88.168 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036735.D

Acq: 15 Sep 2018 11:03

Instrument :

BNA_G

ClientSampleId :

NF-STONE

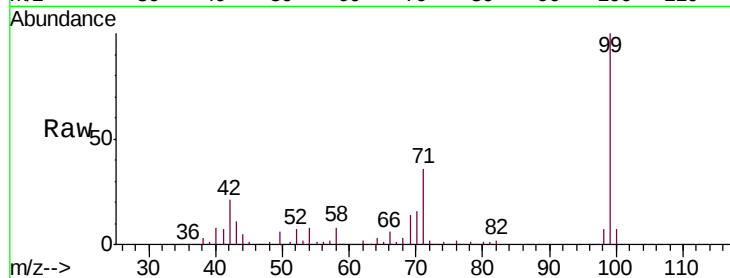
Tgt Ion: 99 Resp: 473637

Ion Ratio Lower Upper

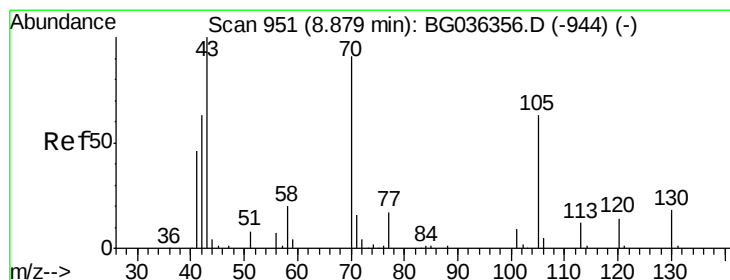
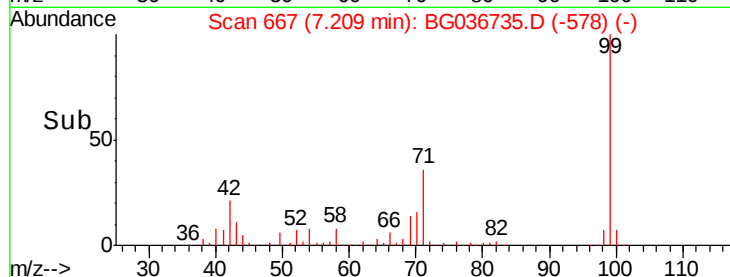
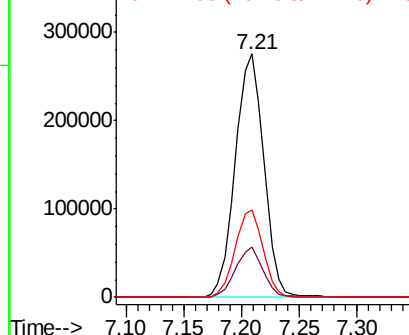
99 100

42 20.9 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: 12.278 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036735.D

Acq: 15 Sep 2018 11:03

Tgt Ion: 70 Resp: 49294

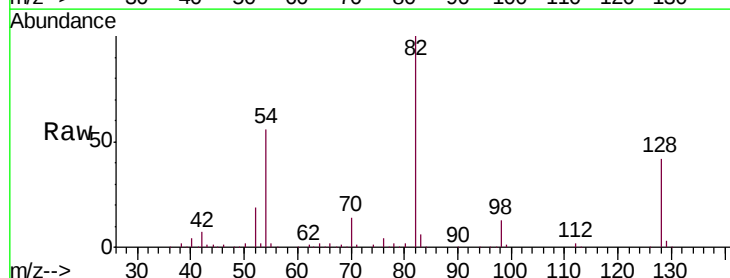
Ion Ratio Lower Upper

70 100

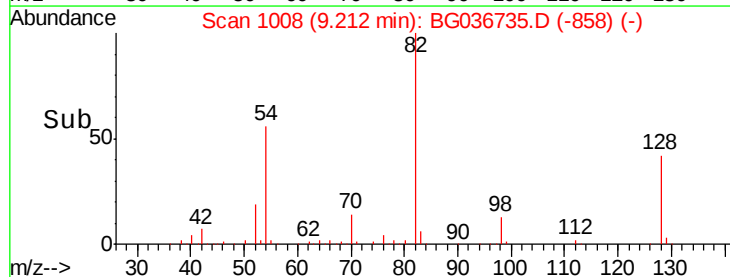
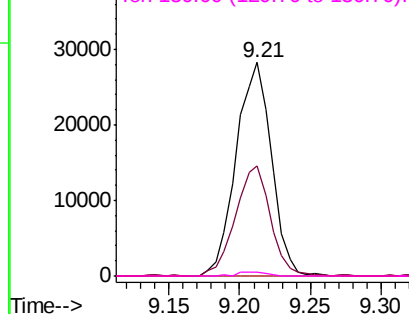
42 51.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 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

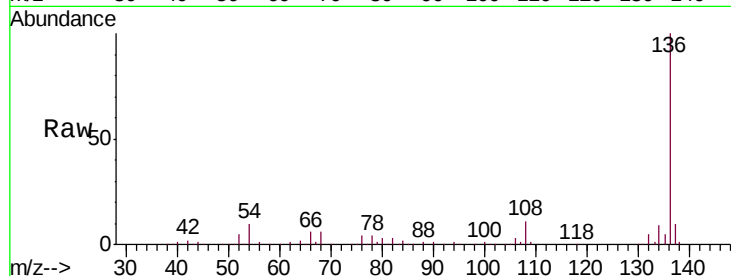




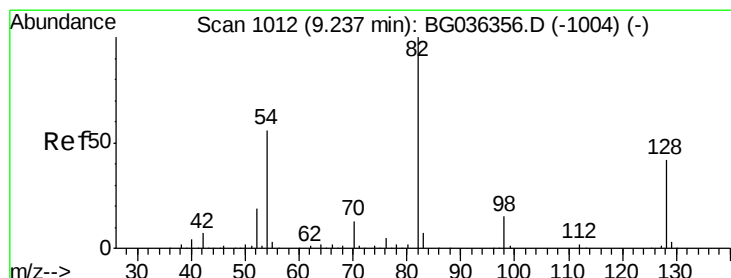
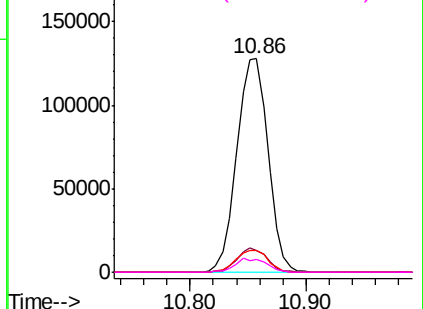
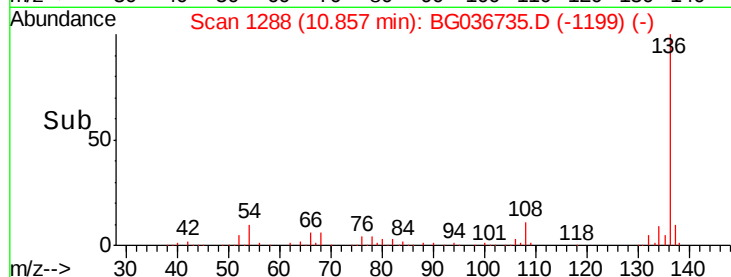
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036735.D
Acq: 15 Sep 2018 11:03

Instrument :
BNA_G
ClientSampleId :
NF-STONE

Tgt Ion:	136	Resp:	239659
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.2	9.2	13.8
68	6.0	5.8	8.6

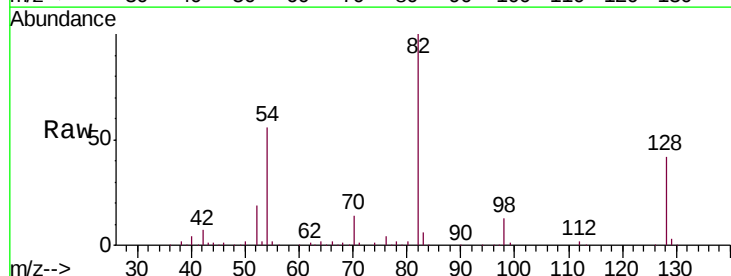


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

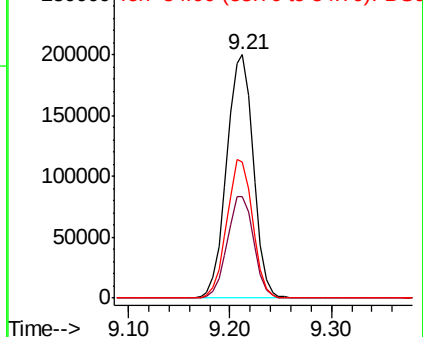
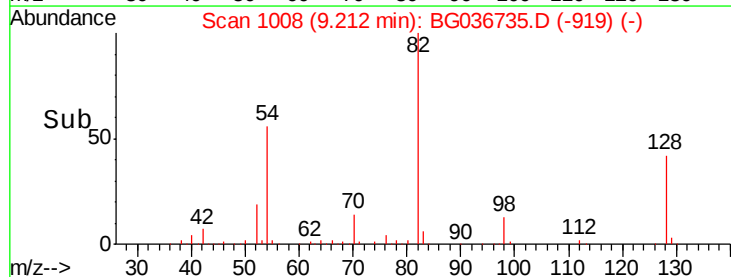


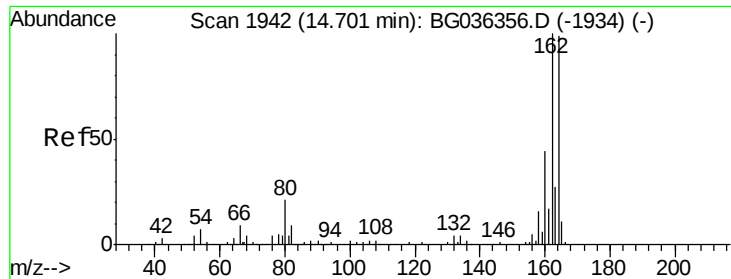
#23
Nitrobenzene-d5
Concen: 82.384 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036735.D
Acq: 15 Sep 2018 11:03

Tgt Ion:	82	Resp:	363899
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	55.7	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036735.D

Acq: 15 Sep 2018 11:03

Instrument :

BNA_G

ClientSampleId :

NF-STONE

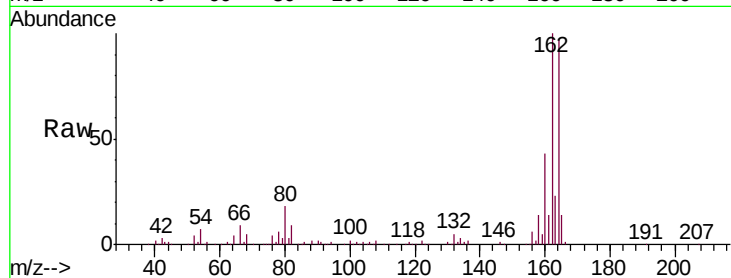
Tgt Ion:164 Resp: 153252

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

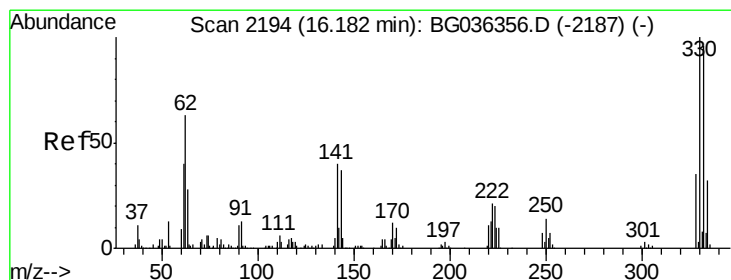
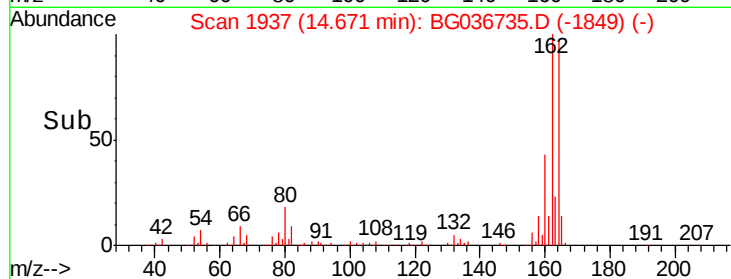
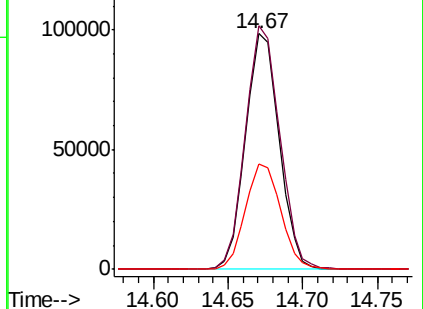
160 44.6 35.3 52.9



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: 131.302 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036735.D

Acq: 15 Sep 2018 11:03

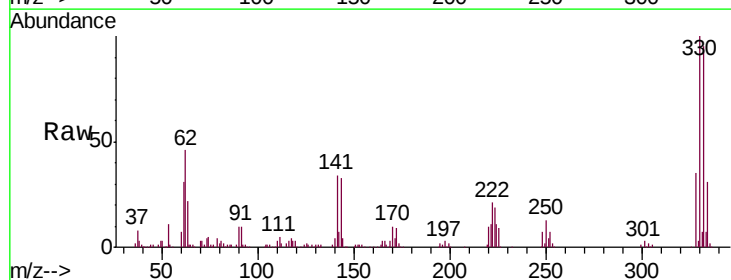
Tgt Ion:330 Resp: 240104

Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.2

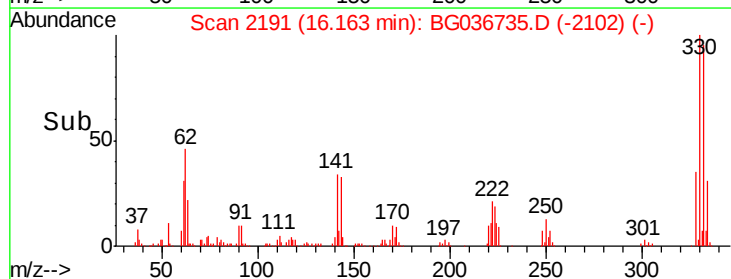
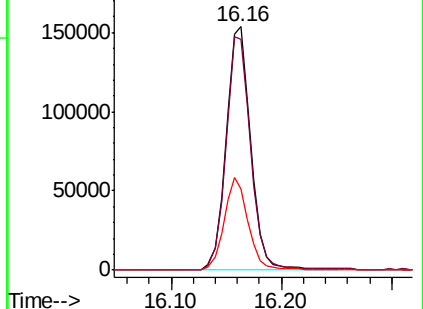
141 37.0 30.7 46.1



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

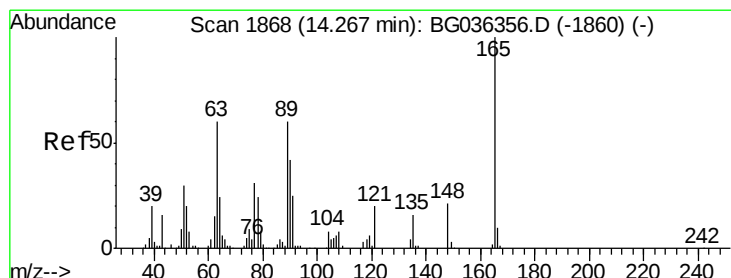
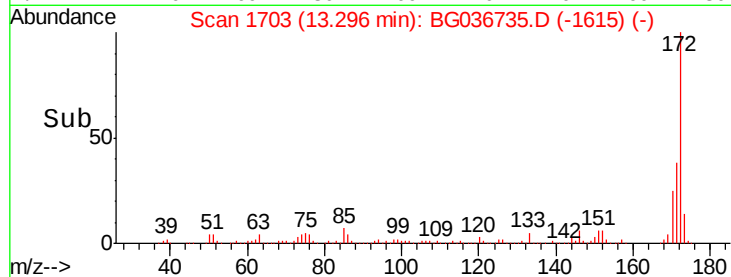
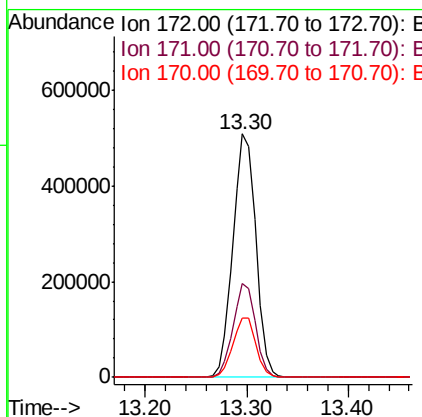
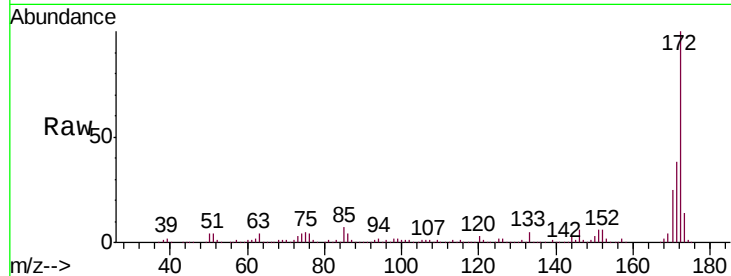




#44
 2-Fluorobiphenyl
 Concen: 74.604 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

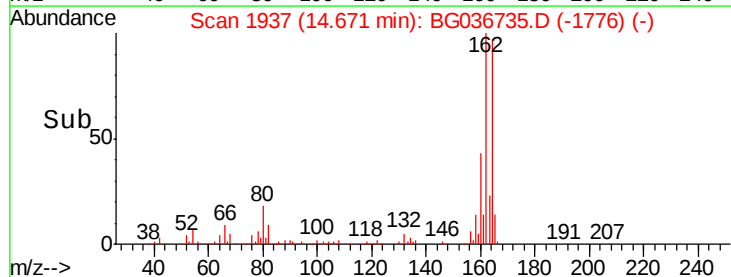
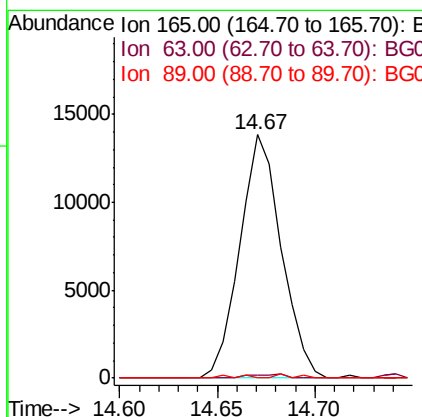
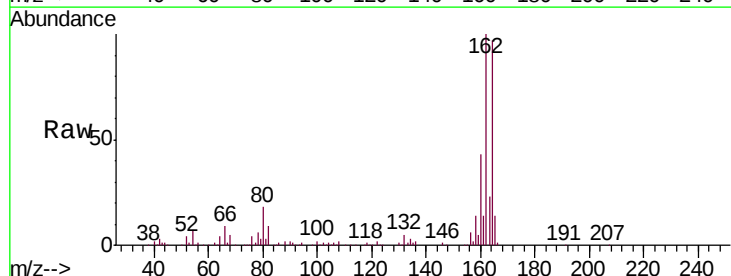
Instrument :
 BNA_G
 ClientSampleId :
 NF-STONE

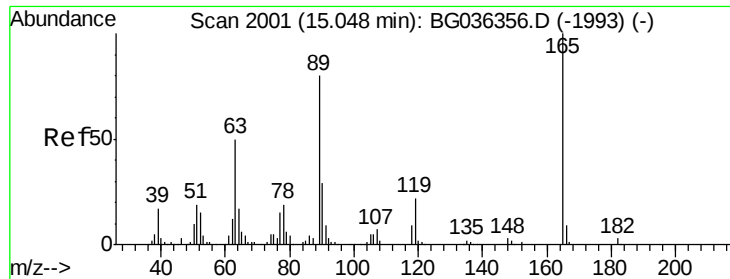
Tgt Ion:172 Resp: 800751
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 24.6 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.919 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

Tgt Ion:165 Resp: 20392
 Ion Ratio Lower Upper
 165 100
 63 1.5 50.1 75.1#
 89 0.0 47.8 71.6#

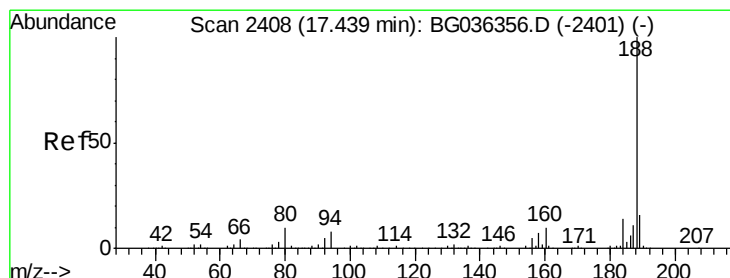
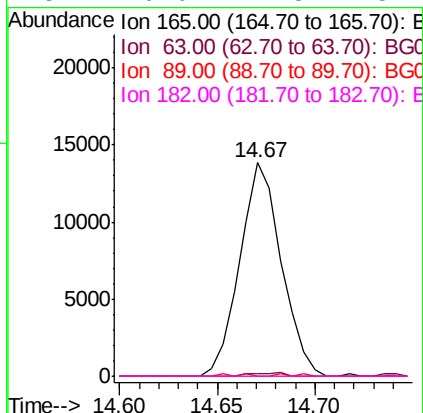
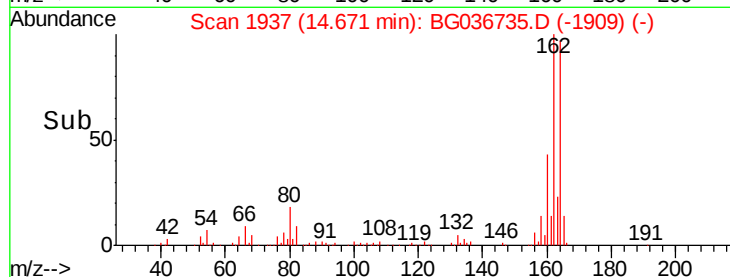
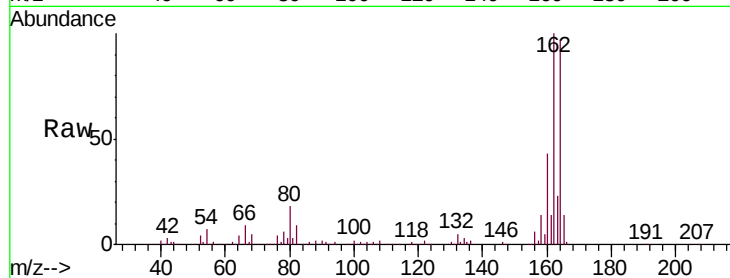




#56
 2,4-Dinitrotoluene
 Concen: 6.076 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

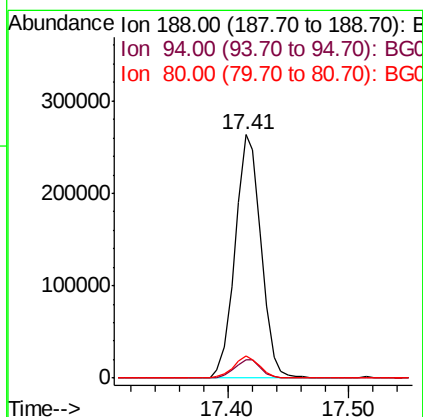
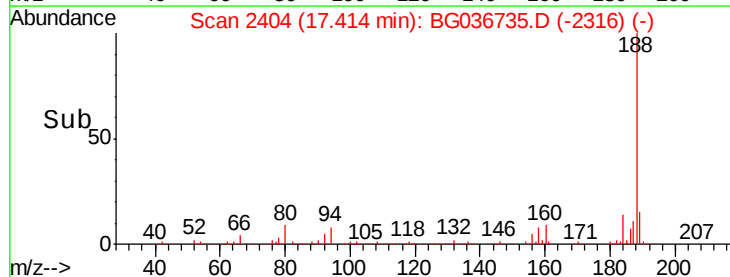
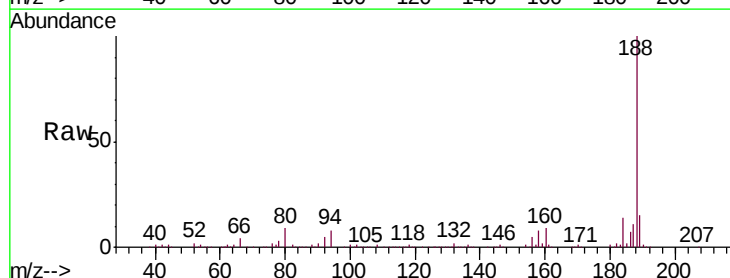
Instrument :
 BNA_G
 ClientSampleId :
 NF-STONE

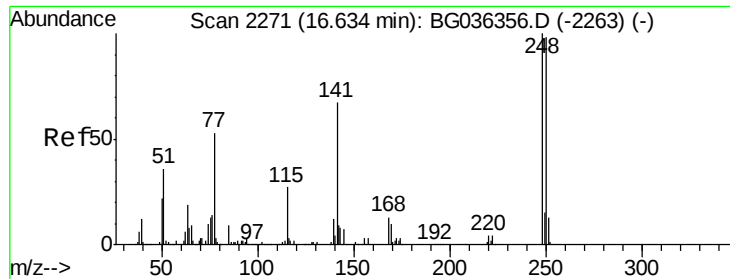
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.4	8.1	12.1

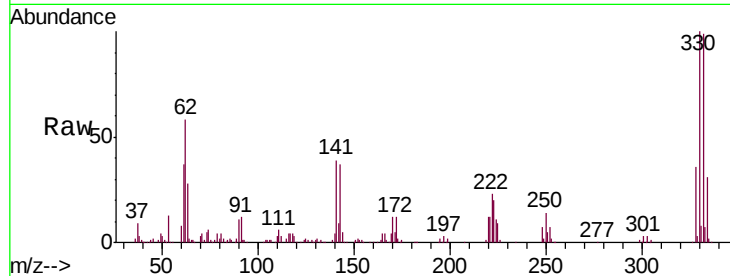




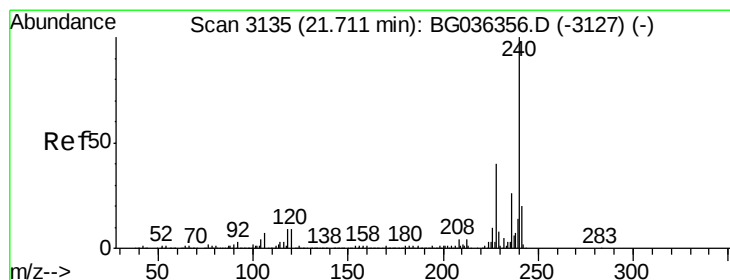
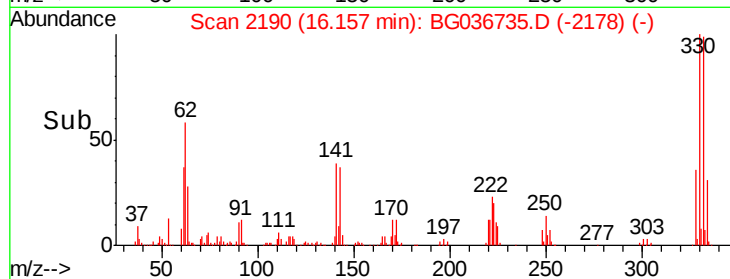
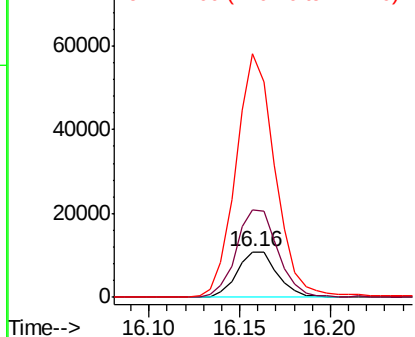
#66
 4-Bromophenyl-phenylether
 Concen: 3.675 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 NF-STONE

Tgt Ion:248 Resp: 16937
 Ion Ratio Lower Upper
 248 100
 250 190.8 78.1 117.1#
 141 532.0 53.7 80.5#

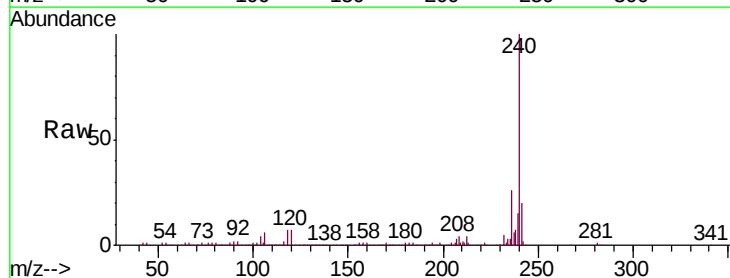


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

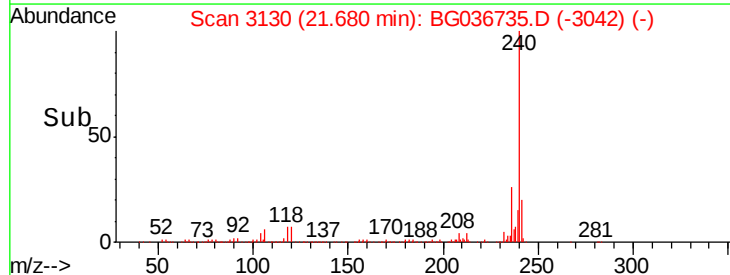
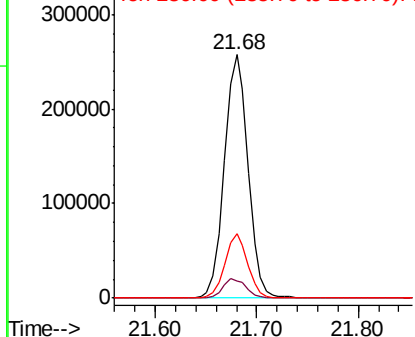


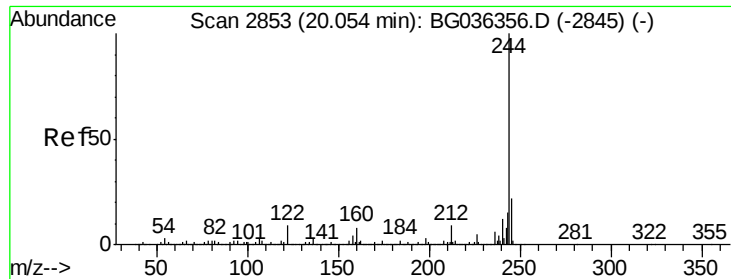
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

Tgt Ion:240 Resp: 415454
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.9 10.3
 236 26.3 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: 82.325 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036735.D

Acq: 15 Sep 2018 11:03

Instrument :

BNA_G

ClientSampleId :

NF-STONE

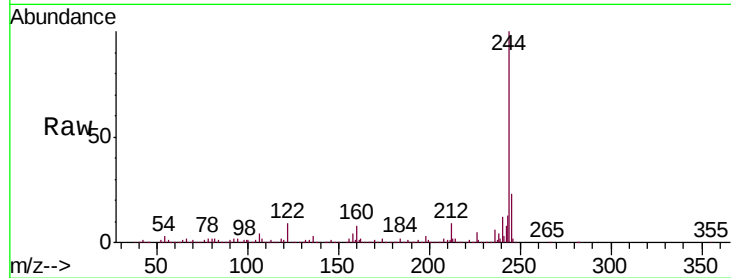
Tgt Ion:244 Resp: 1463289

Ion Ratio Lower Upper

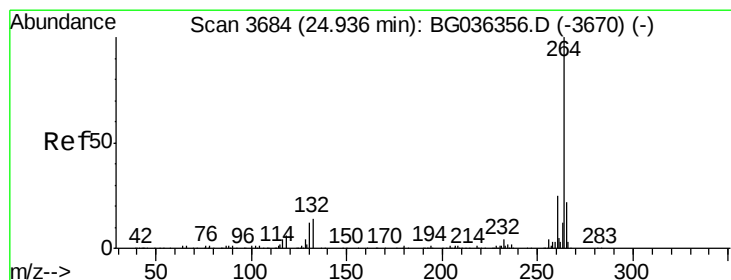
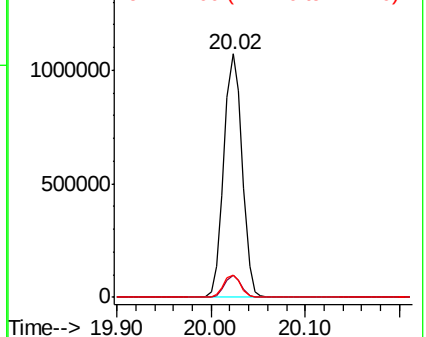
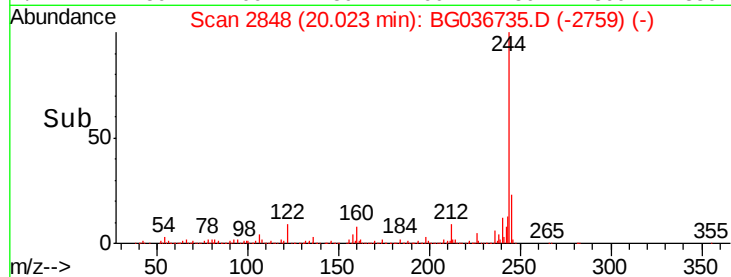
244 100

212 8.9 7.0 10.6

122 9.3 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: BG036735.D

Acq: 15 Sep 2018 11:03

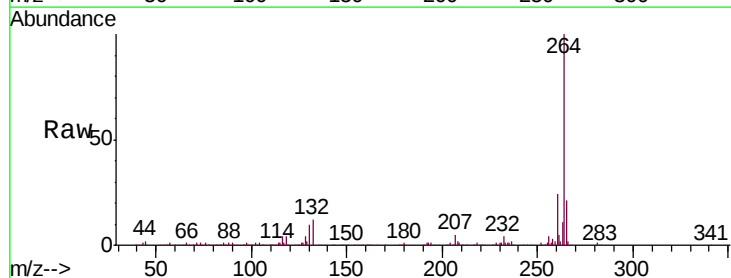
Tgt Ion:264 Resp: 413772

Ion Ratio Lower Upper

264 100

260 23.9 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

