

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 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 04:13:15 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

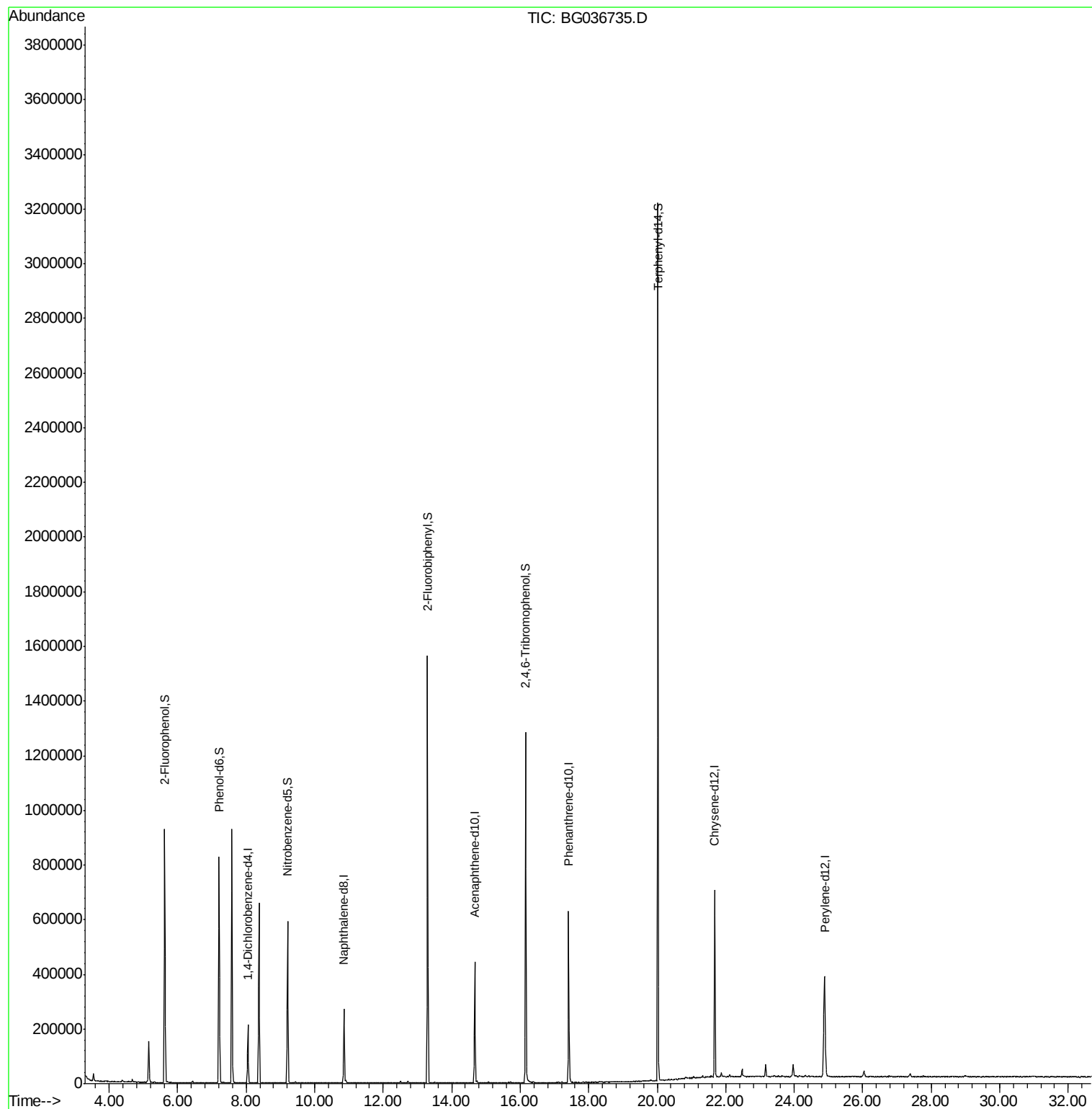
Target Compounds Qvalue

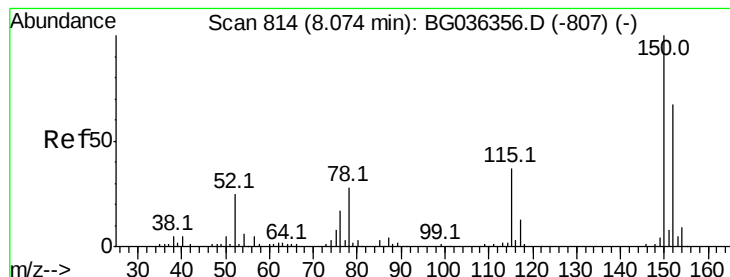
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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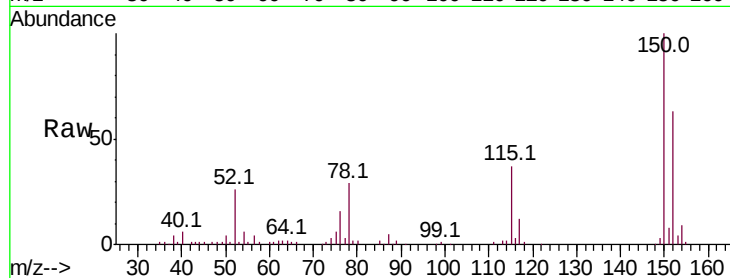




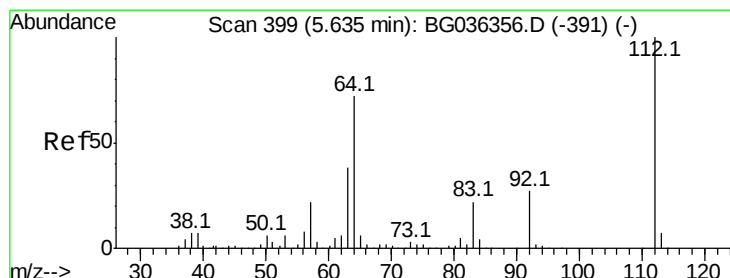
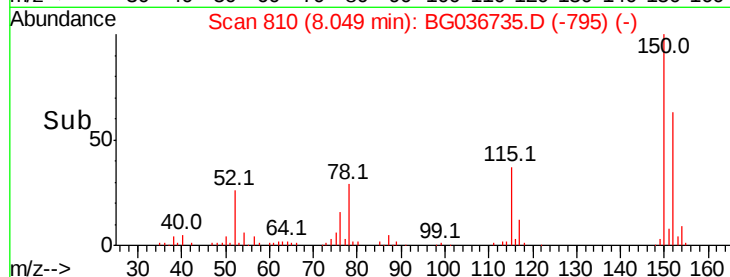
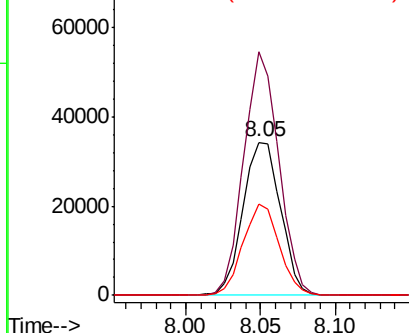
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 NF-STONE

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

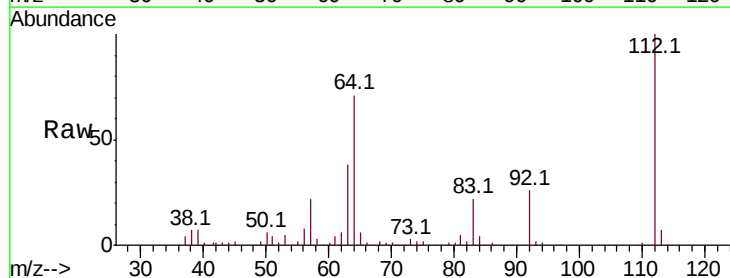


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

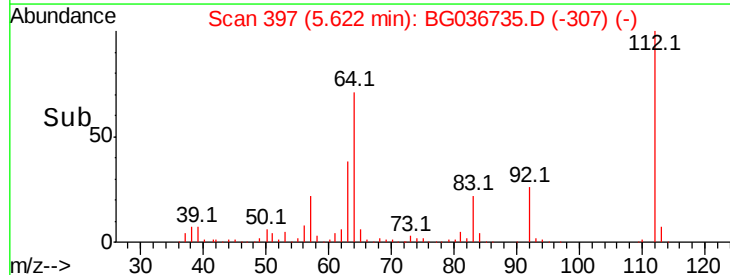
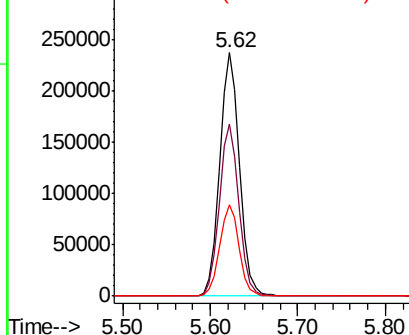


#5
 2-Fluorophenol
 Concen: 99.046 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

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

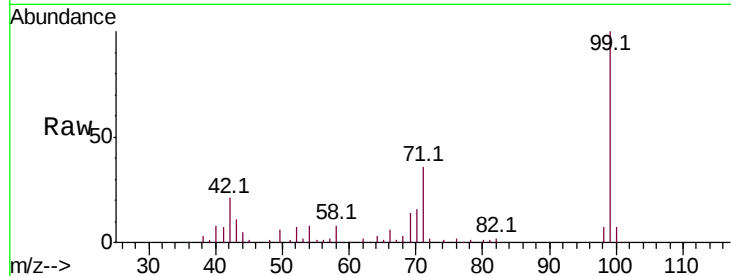
Tot Ion: 99 Resp: 473637

Ion Ratio Lower Upper

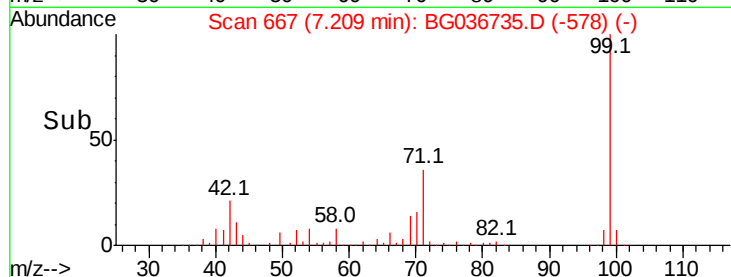
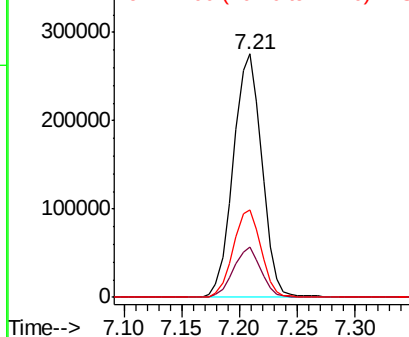
99 100

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



#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

Tgt Ion: 136 Resp: 239659

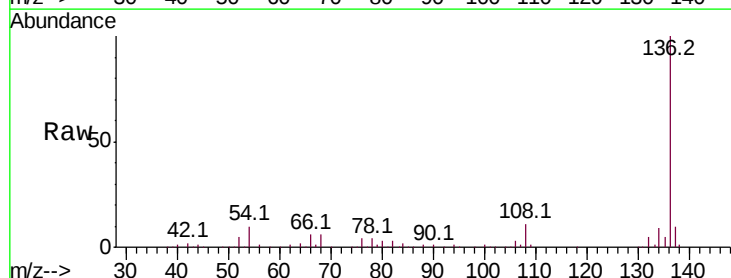
Ion Ratio Lower Upper

136 100

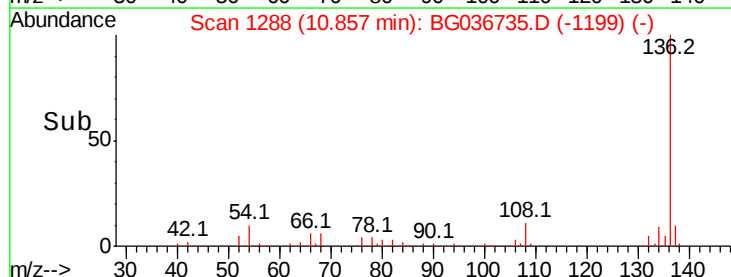
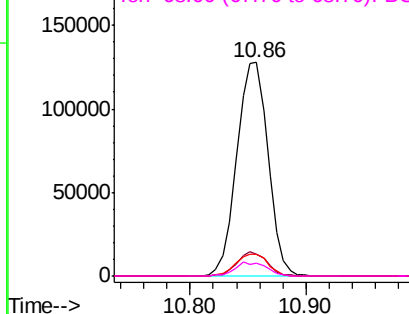
137 10.4 8.8 13.2

54 10.2 9.2 13.8

68 6.0 5.8 8.6



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

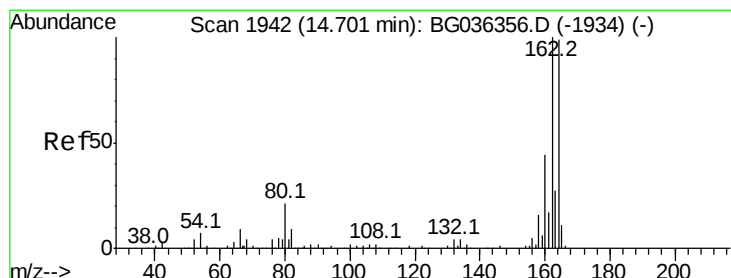
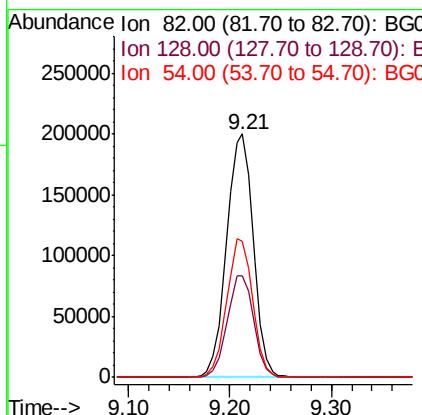
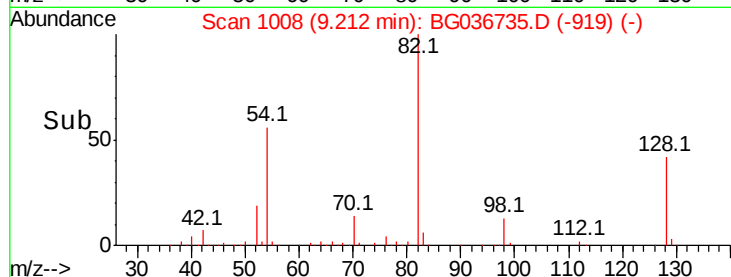
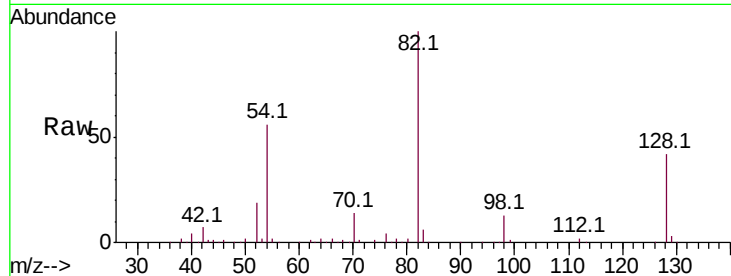




#23
 Nitrobenzene-d5
 Concen: 82.384 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

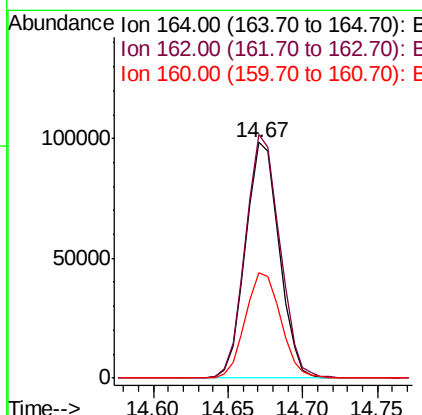
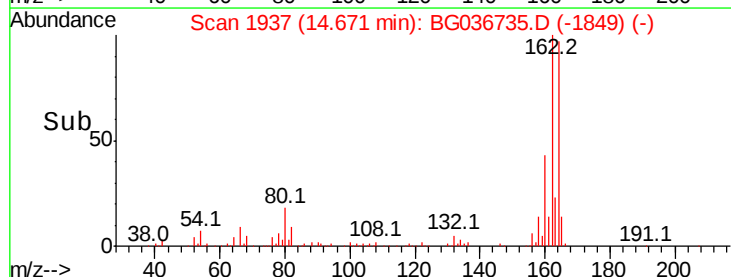
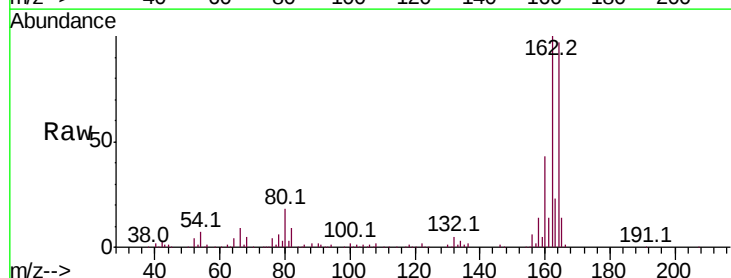
Instrument :
 BNA_G
 ClientSampled :
 NF-STONE

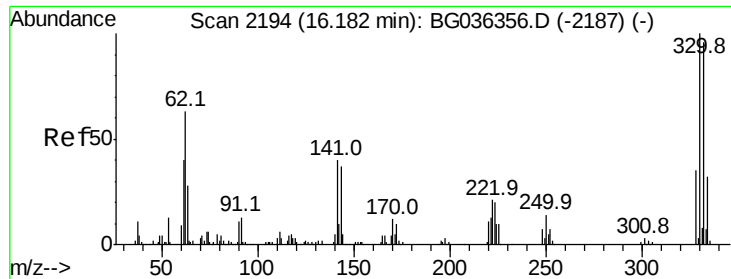
Tot Ion	82	Resp	363899
Ion Ratio	100	Lower	Upper
128	41.6	33.3	49.9
54	55.7	45.1	67.7



#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

Tgt Ion	164	Resp	153252
Ion Ratio	100	Lower	Upper
162	103.3	80.7	121.1
160	44.6	35.3	52.9

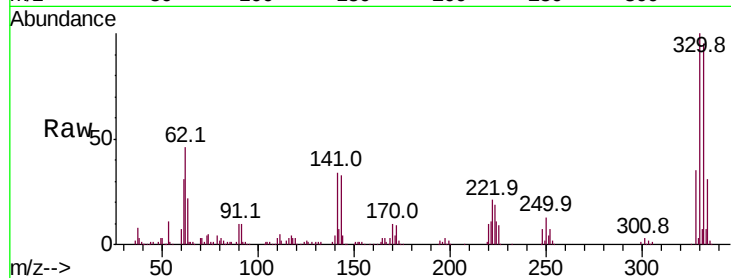




#41
 2,4,6-Tribromophenol
 Concen: 131.302 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036735.D
 Acq: 15 Sep 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 NF-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	37.0	30.7	46.1

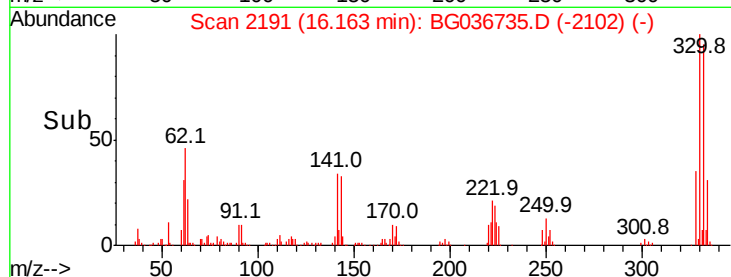
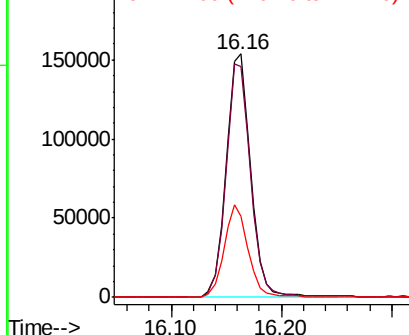


Abundance

Ion 329.80 (329.50 to 330.50): E

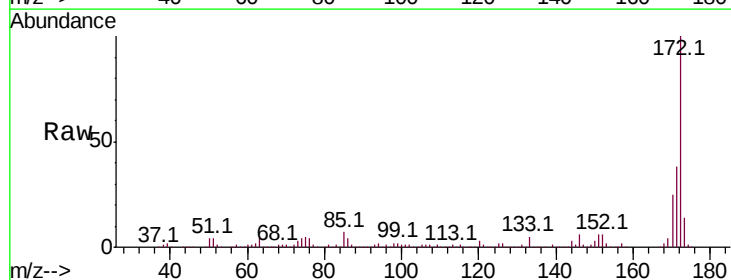
Ion 331.80 (331.50 to 332.50): E

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

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

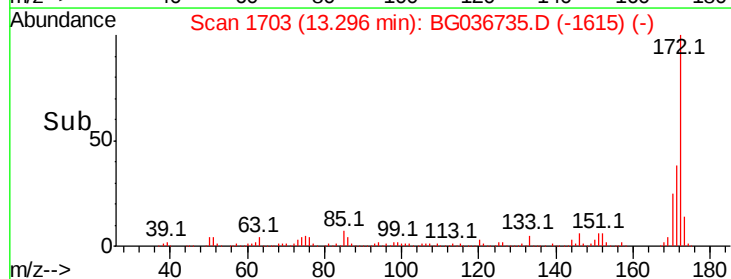
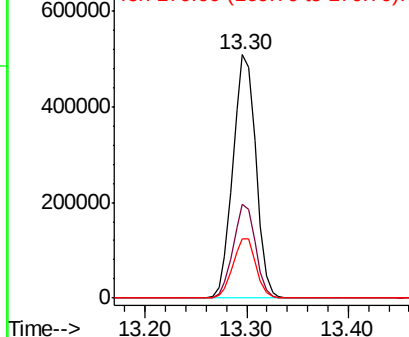


Abundance

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

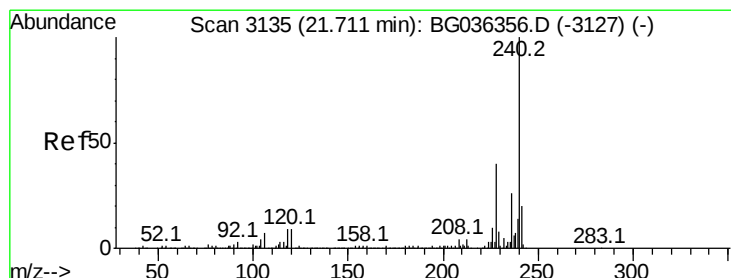
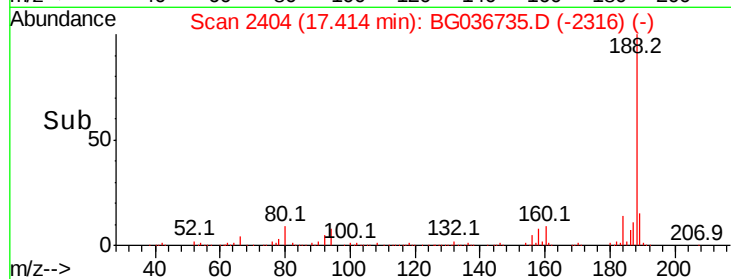
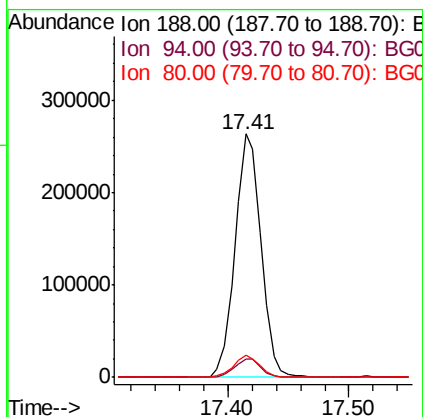
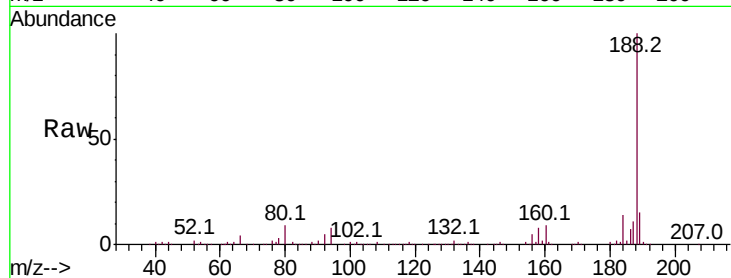




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036735.D
Acq: 15 Sep 2018 11:03

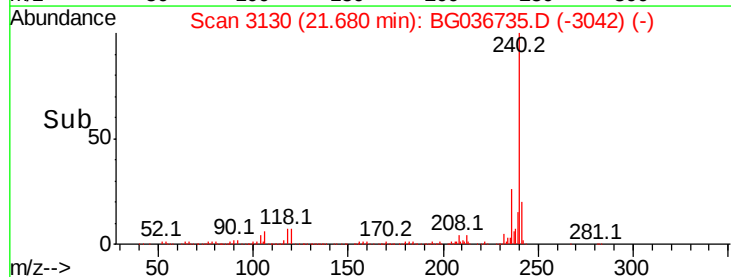
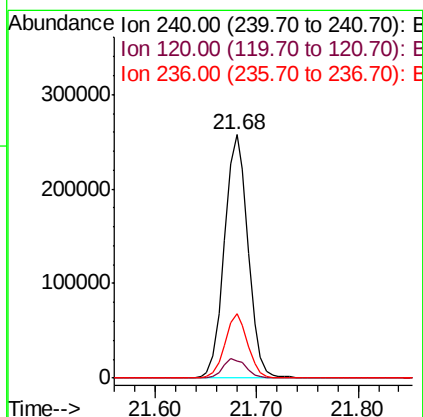
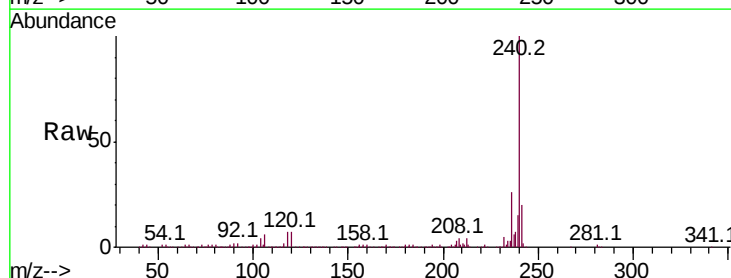
Instrument :
BNA_G
ClientSampleId :
NF-STONE

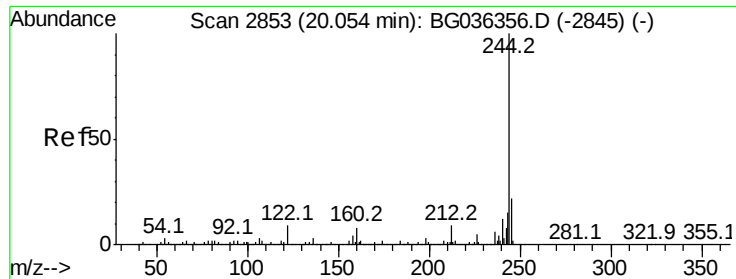
Tot Ion:188 Resp: 393603
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.4 8.1 12.1



#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





#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

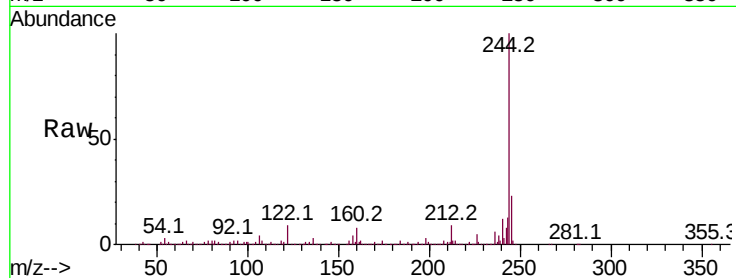
Tot Ion:244 Resp: 1463289

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.9 7.0 10.6

122 9.3 7.1 10.7

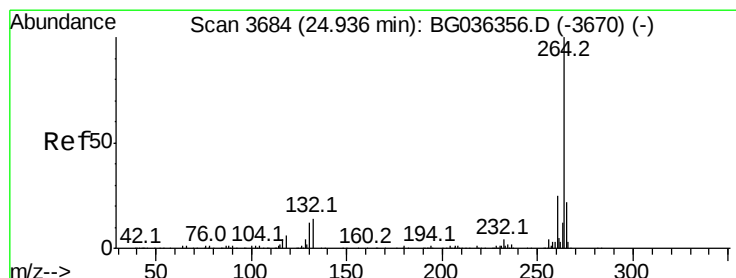
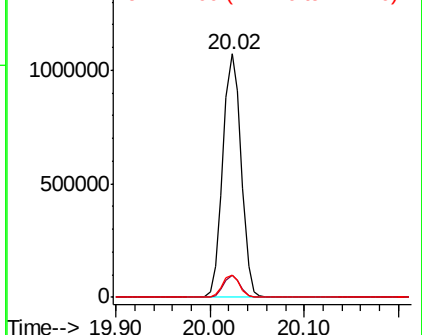
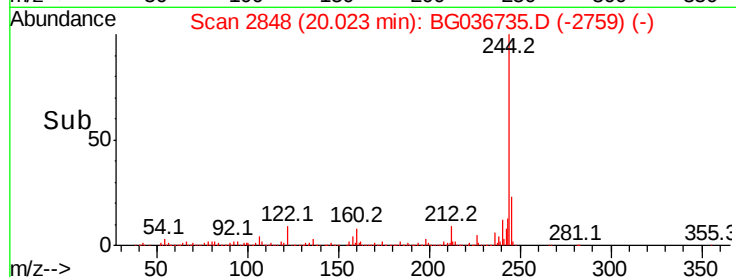


Abundance

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

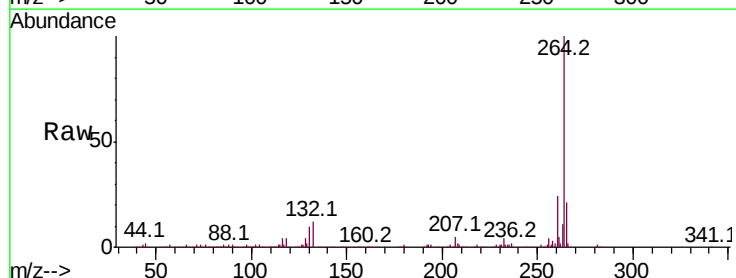
Tgt Ion:264 Resp: 413772

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.3	17.4	26.0

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

