

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 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 04:10:23 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

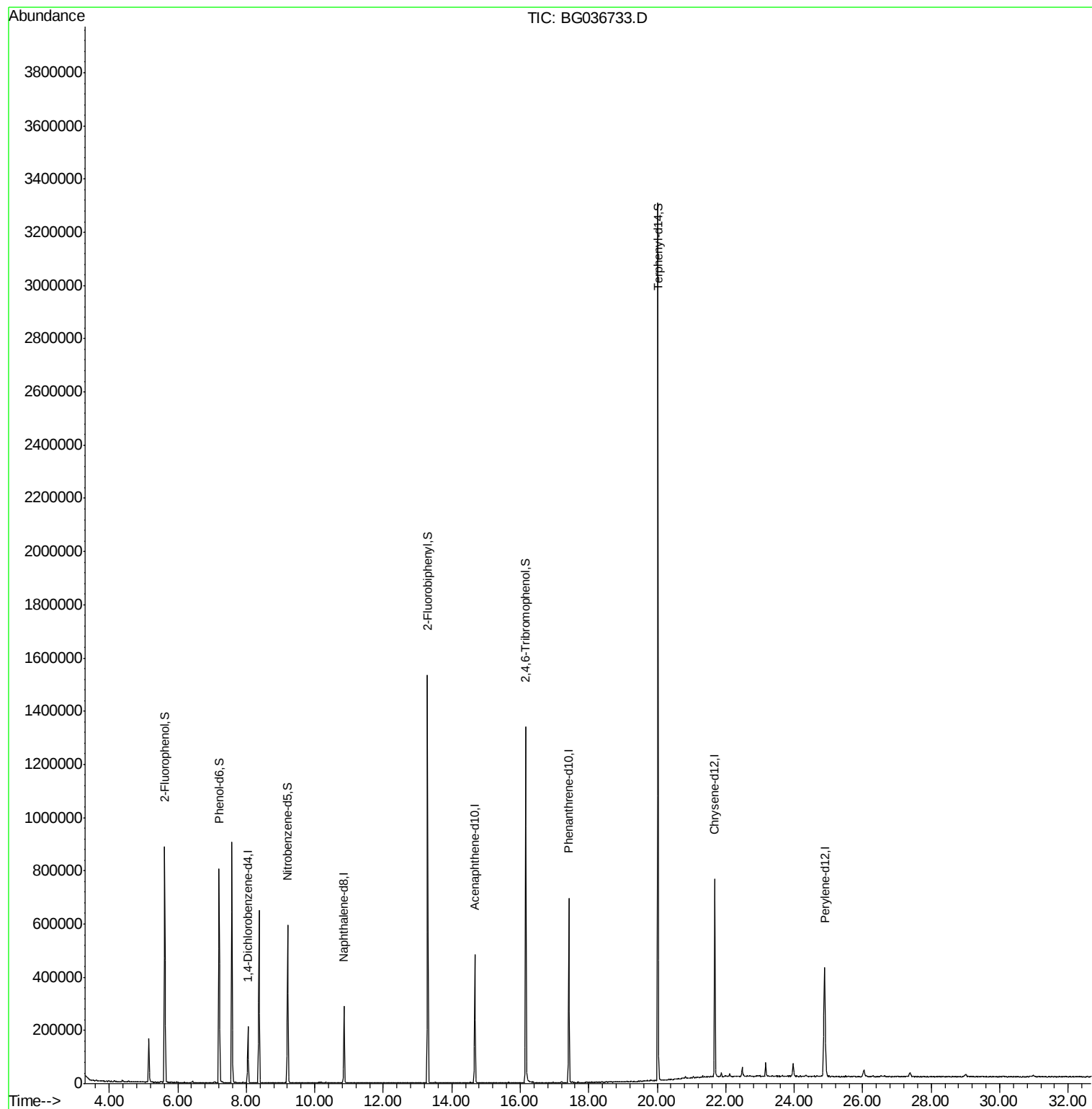
Target Compounds Qvalue

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

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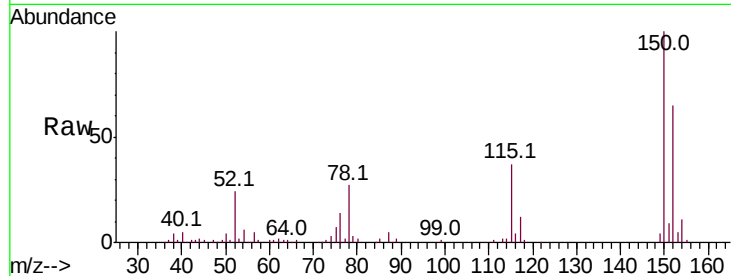


#1

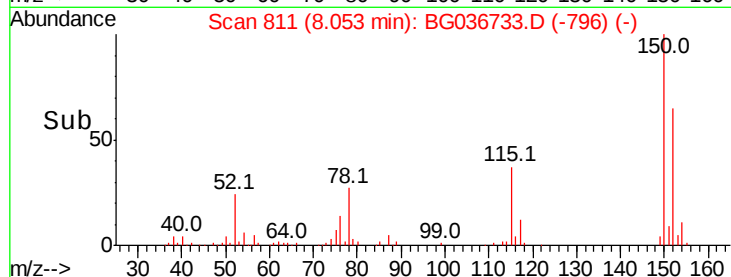
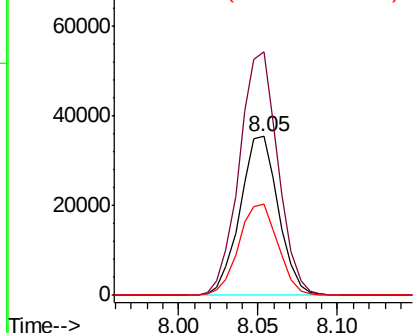
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

Instrument :
 BNA_G
 ClientSampleId :
 NF-CON-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	57.3	44.5	66.7



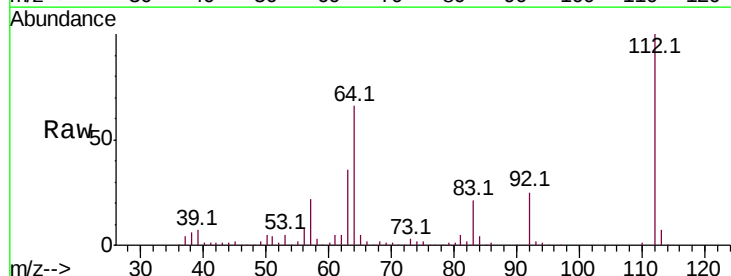
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



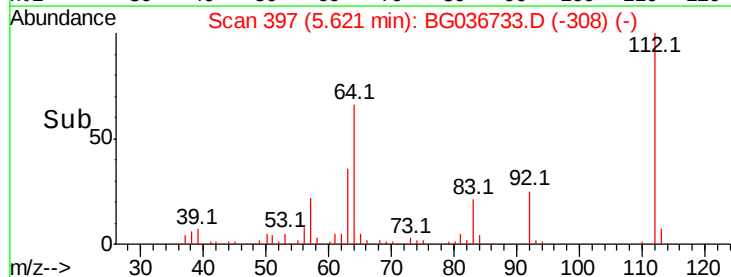
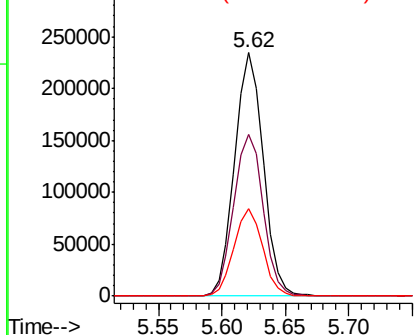
#5

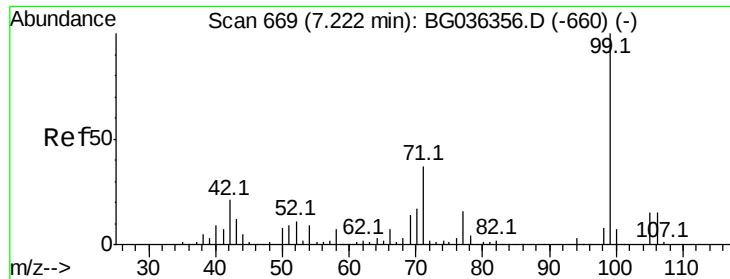
2-Fluorophenol
 Concen: 97.868 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

Tgt Ion	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

ClientSampleId :

NF-CON-1

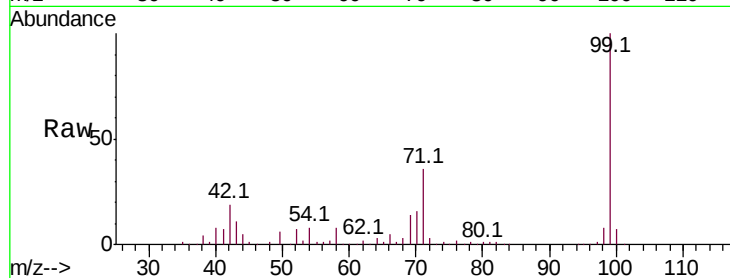
Tot Ion: 99 Resp: 463998

Ion Ratio Lower Upper

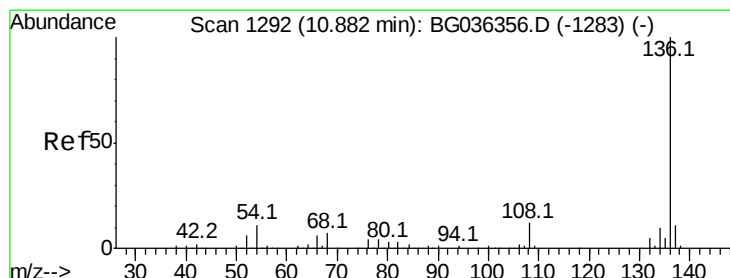
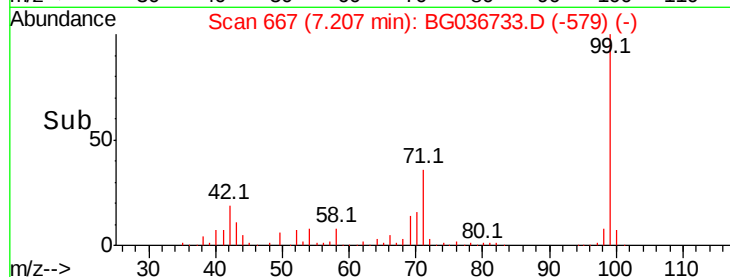
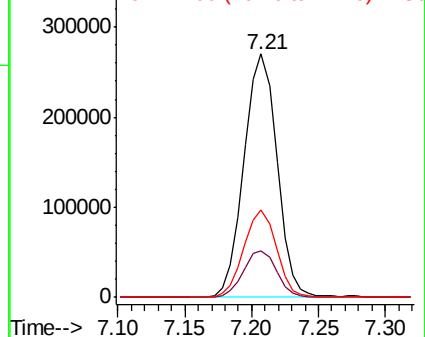
99 100

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



#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

Tgt Ion: 136 Resp: 242877

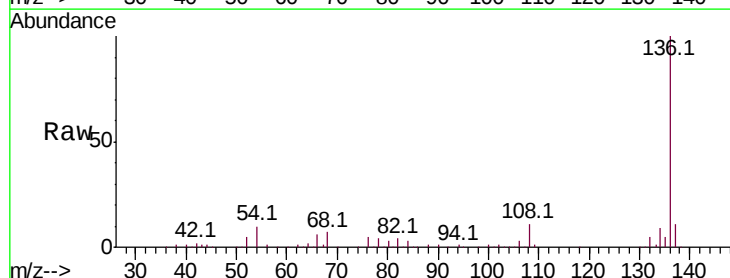
Ion Ratio Lower Upper

136 100

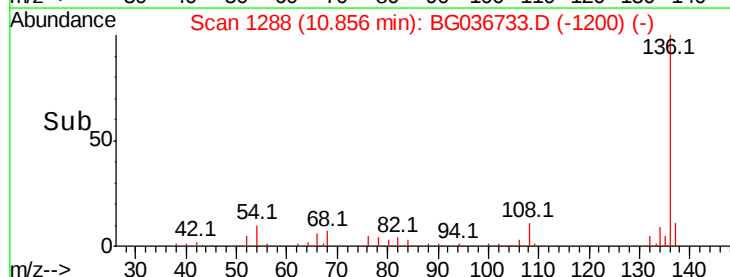
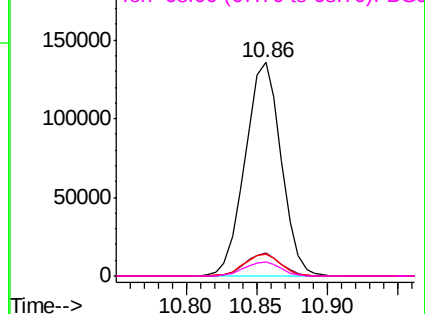
137 11.0 8.8 13.2

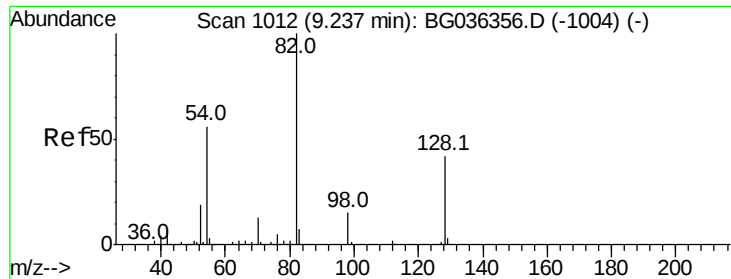
54 10.3 9.2 13.8

68 6.9 5.8 8.6



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

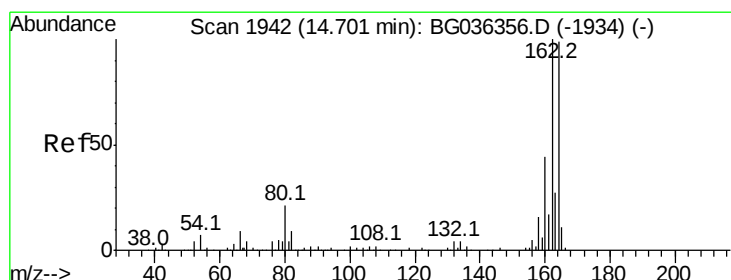
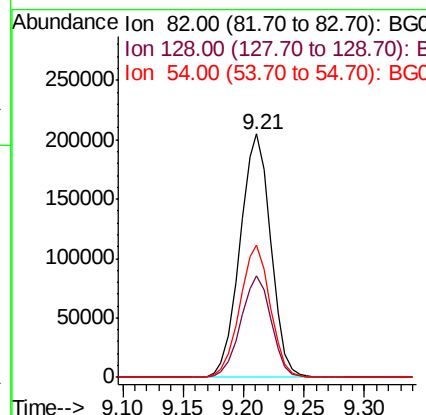
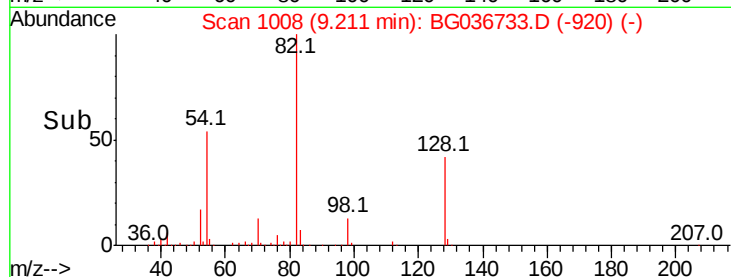
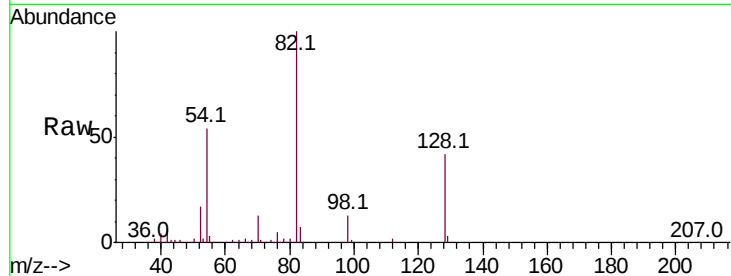




#23
Nitrobenzene-d5
Concen: 81.224 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036733.D
Acq: 15 Sep 2018 9:45

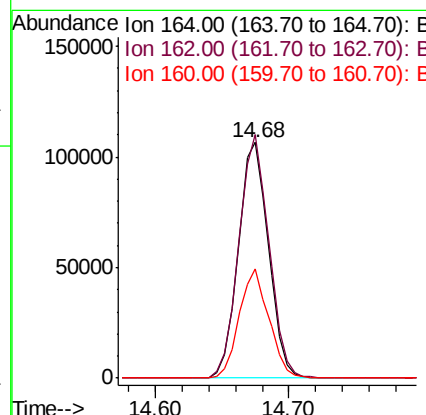
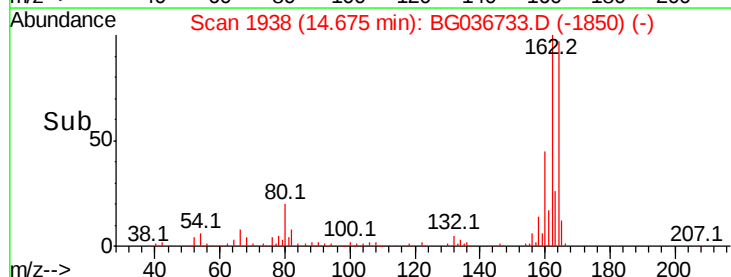
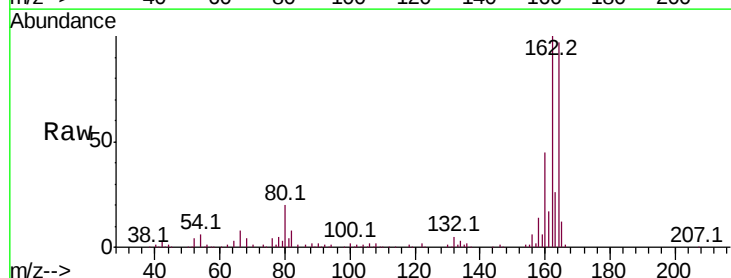
Instrument :
BNA_G
ClientSampled :
NF-CON-1

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



#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

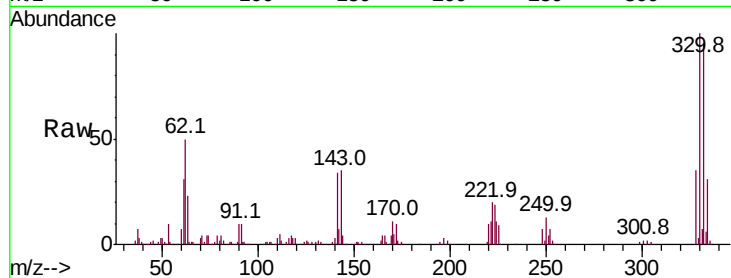




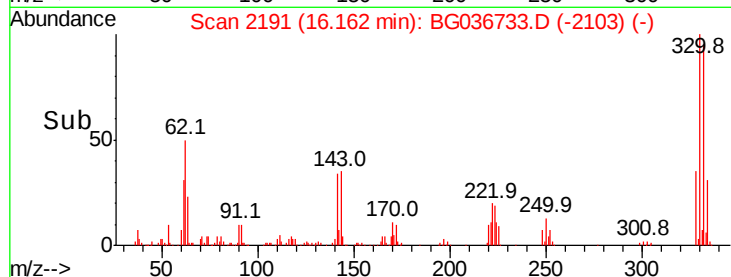
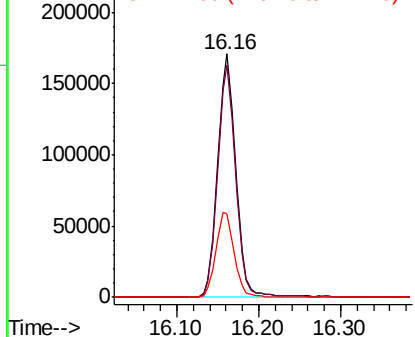
#41
 2,4,6-Tribromophenol
 Concen: 133.494 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

Instrument :
 BNA_G
 ClientSampleId :
 NF-CON-1

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

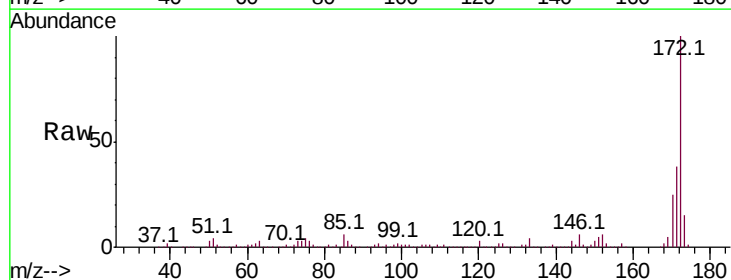


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

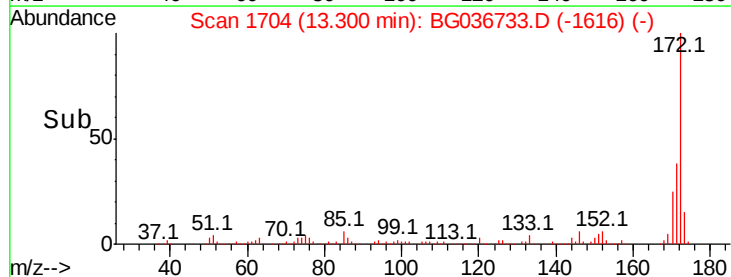
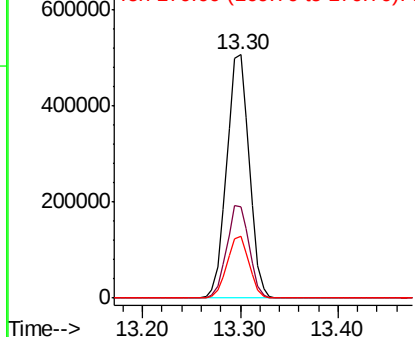


#44
 2-Fluorobiphenyl
 Concen: 69.401 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036733.D
 Acq: 15 Sep 2018 9:45

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





#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

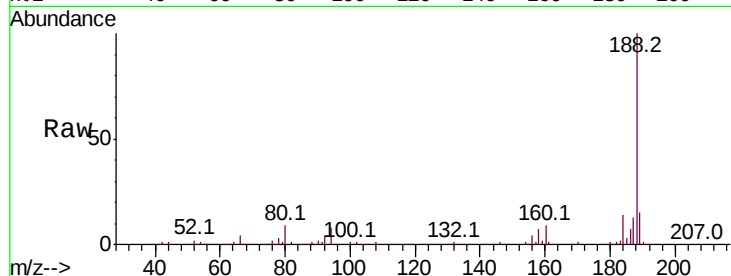
Tot Ion:188 Resp: 437980

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

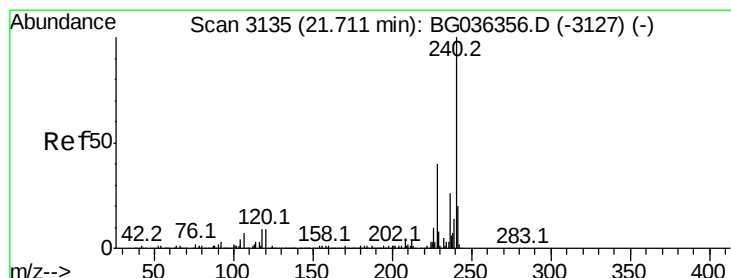
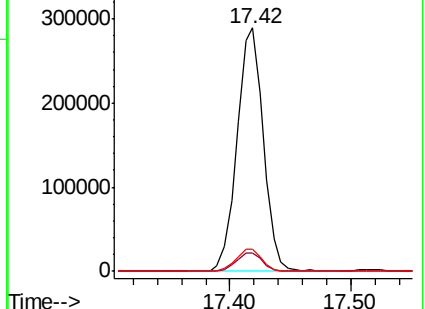
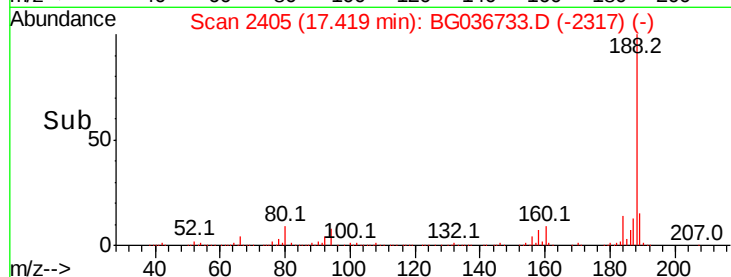
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#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

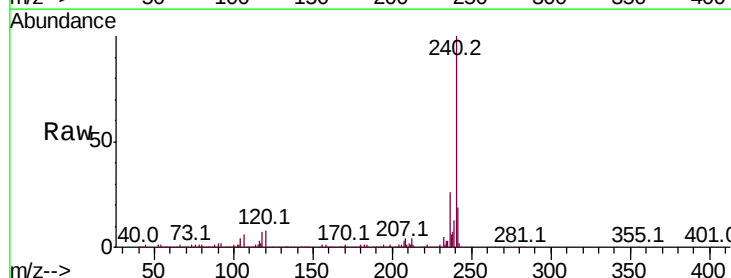
Tgt Ion:240 Resp: 451890

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

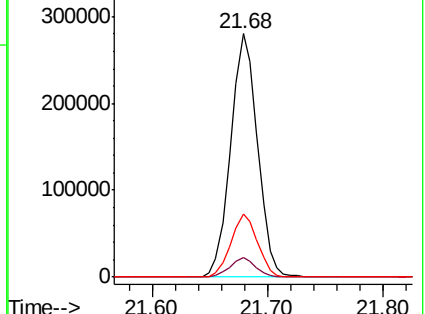
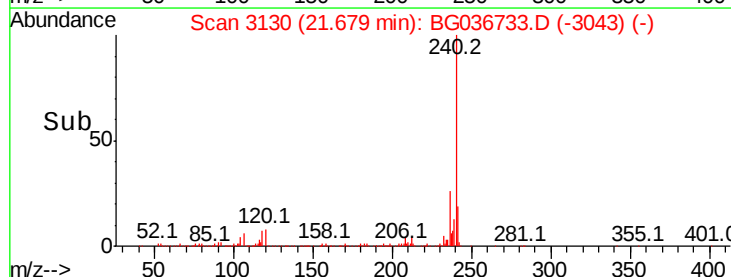
236 25.9 21.2 31.8

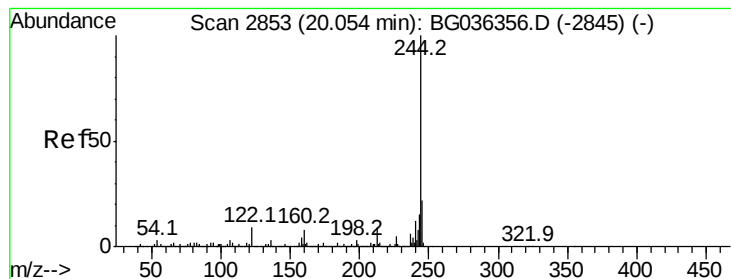


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_G

ClientSampled :

NF-CON-1

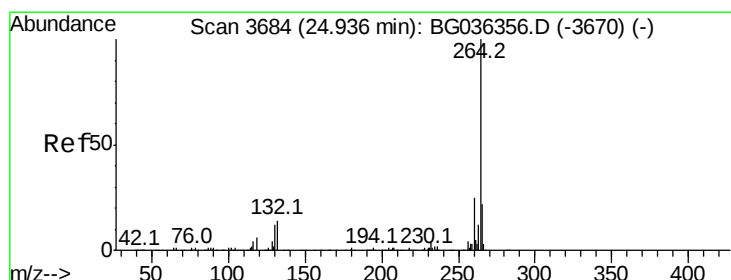
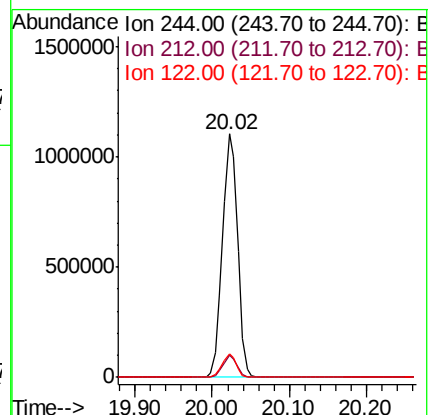
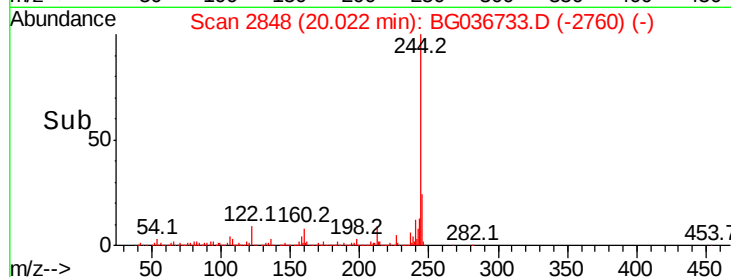
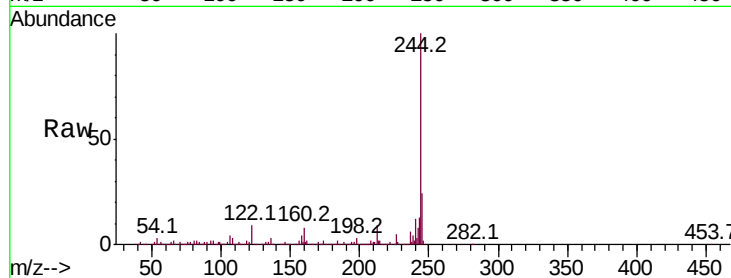
Tot Ion:244 Resp: 1493505

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

122 9.5 7.1 10.7



#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

Tgt Ion:264 Resp: 442347

Ion Ratio Lower Upper

264 100

260 22.9 19.6 29.4

265 21.3 17.4 26.0

