

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036781.D
 Acq On : 18 Sep 2018 9:57
 Operator : JU/SJ
 Sample : J4936-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 138-KV-2

Quant Time: Sep 18 11:33:51 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	61660	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	248628	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	153628	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	384353	20.00	ng	0.00
75) Chrysene-d12	21.68	240	404298	20.00	ng	0.00
86) Perylene-d12	24.89	264	396252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	409486	105.35	ng	0.00
7) Phenol-d6	7.21	99	521696	93.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	389713	85.04	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	225823	123.19	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	843842	78.43	ng	-0.02
78) Terphenyl-d14	20.02	244	1421366	82.17	ng	0.00

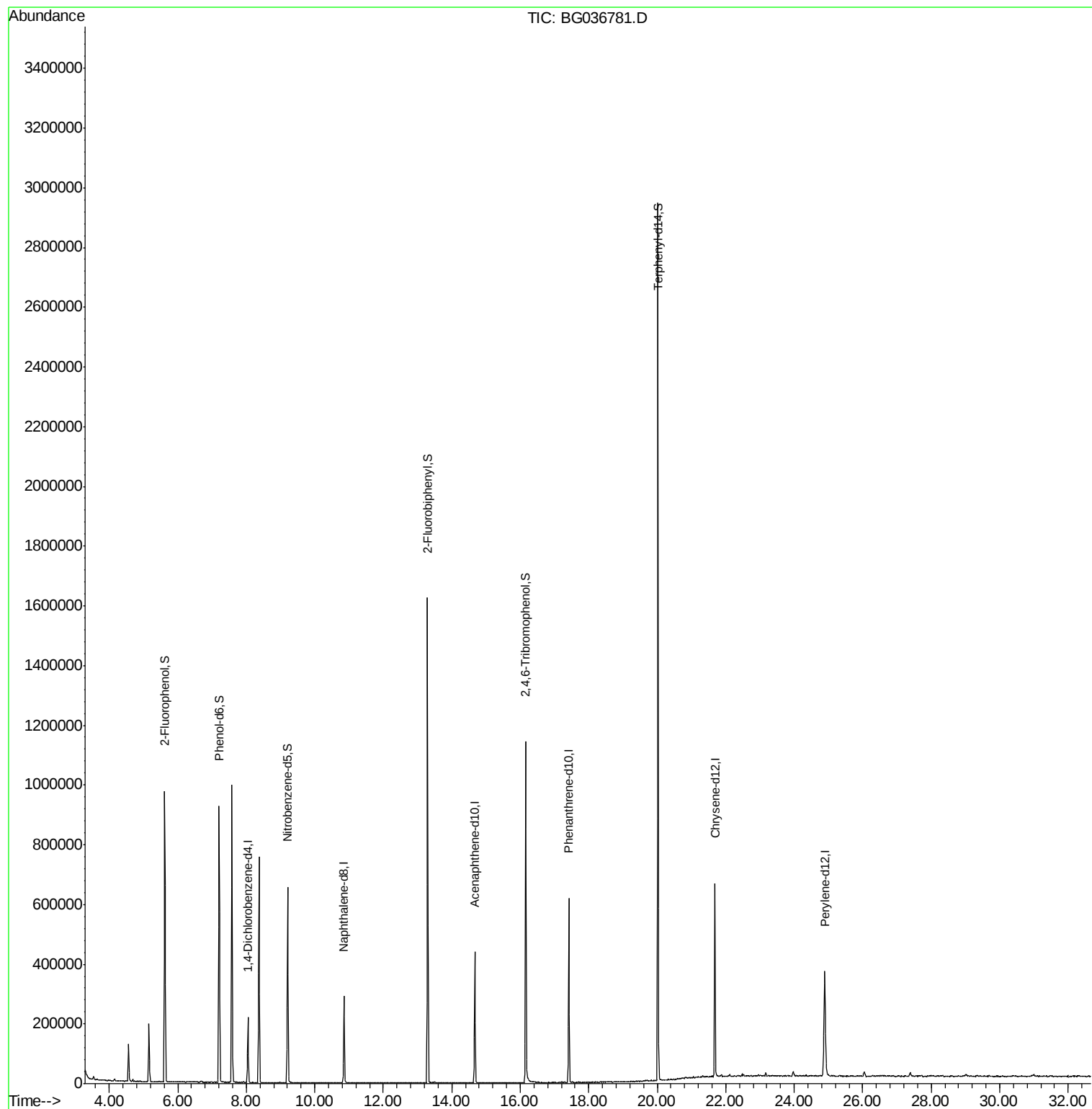
Target Compounds Qvalue

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

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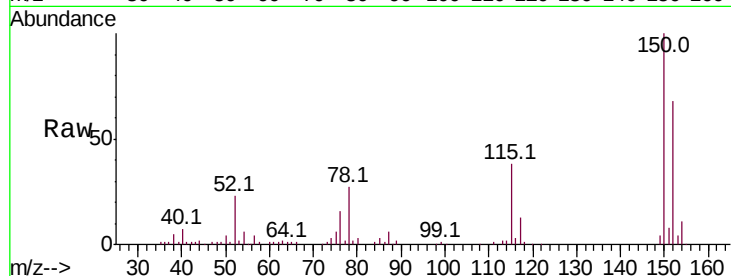


#1

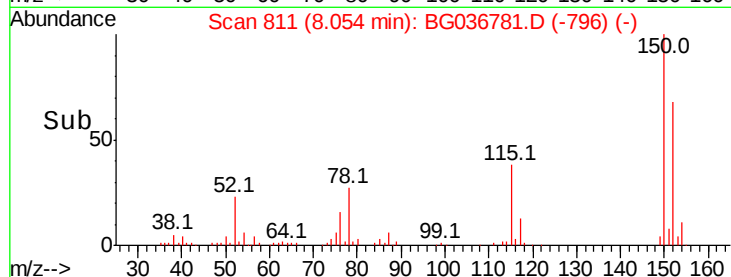
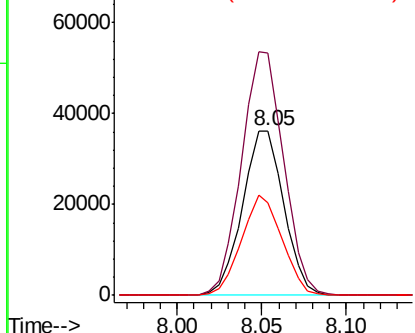
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Instrument :
 BNA_G
 ClientSampleId :
 138-KV-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	56.5	44.5	66.7



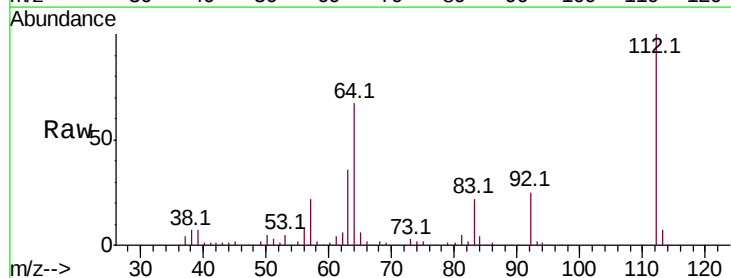
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



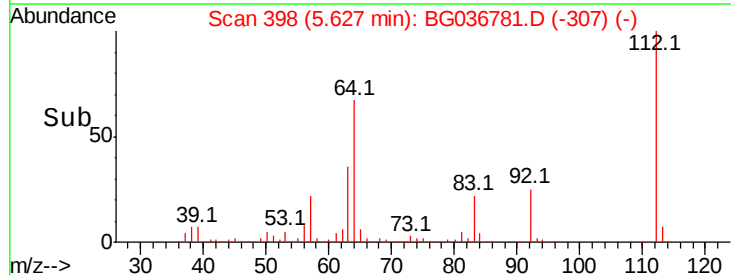
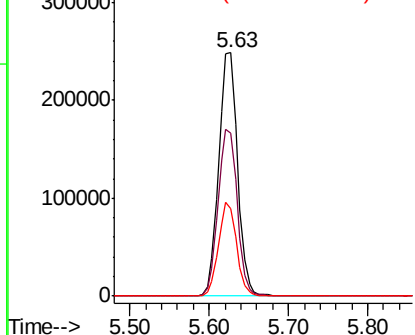
#5

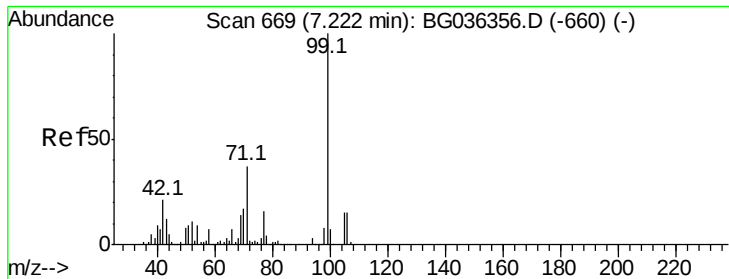
2-Fluorophenol
 Concen: 105.346 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	57.2	85.8
63	35.8	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: 93.741 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

Instrument :

BNA_G

ClientSampleId :

138-KV-2

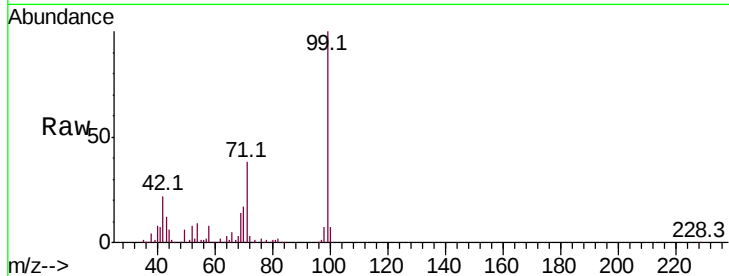
Tot Ion: 99 Resp: 521696

Ion Ratio Lower Upper

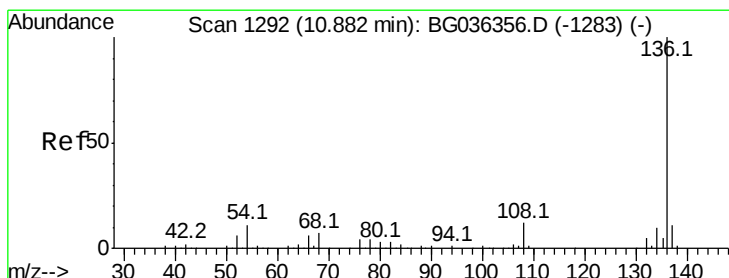
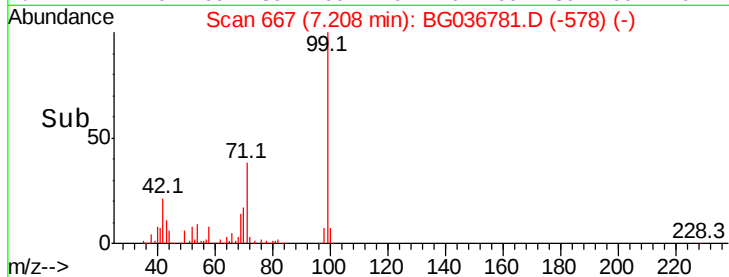
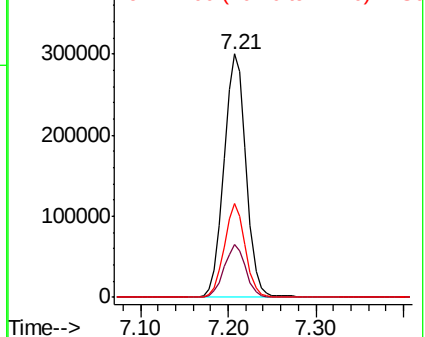
99 100

42 21.5 16.5 24.7

71 38.3 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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

Tgt Ion: 136 Resp: 248628

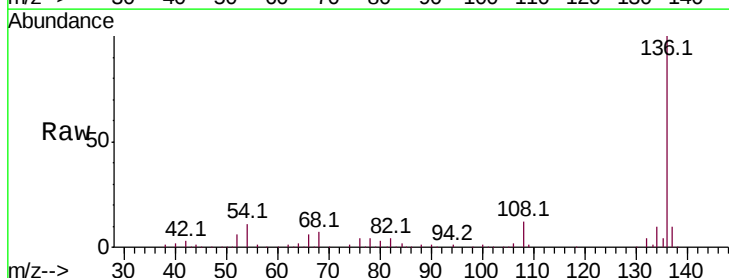
Ion Ratio Lower Upper

136 100

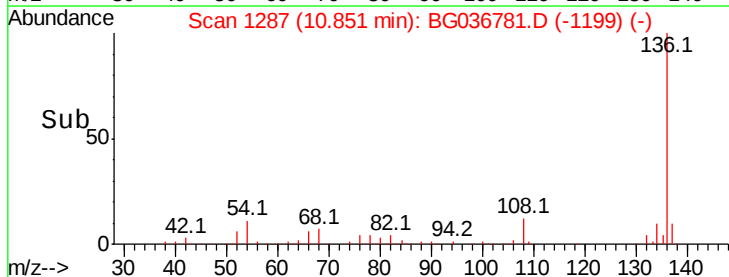
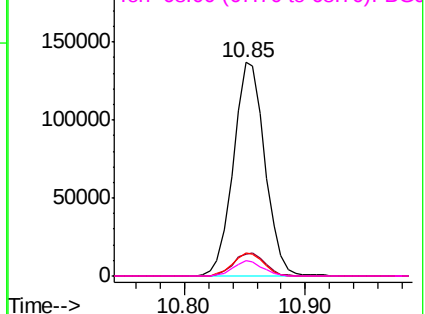
137 10.2 8.8 13.2

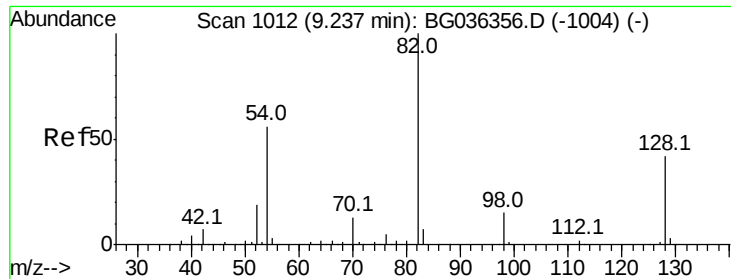
54 11.0 9.2 13.8

68 7.0 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

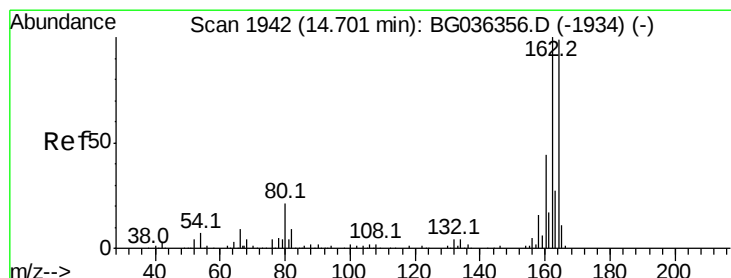
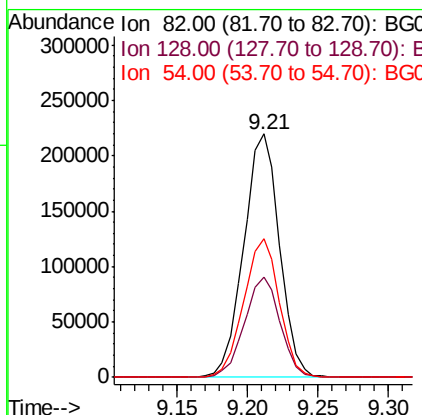
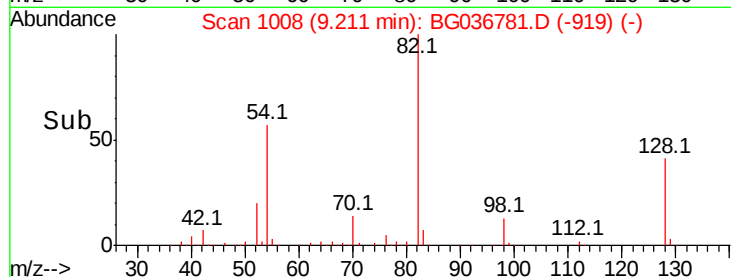
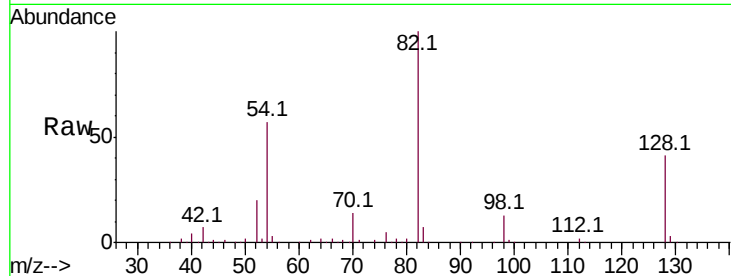




#23
Nitrobenzene-d5
Concen: 85.045 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

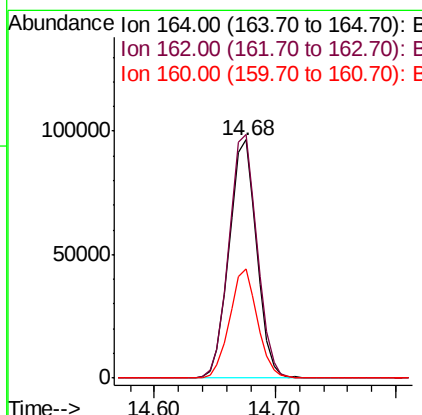
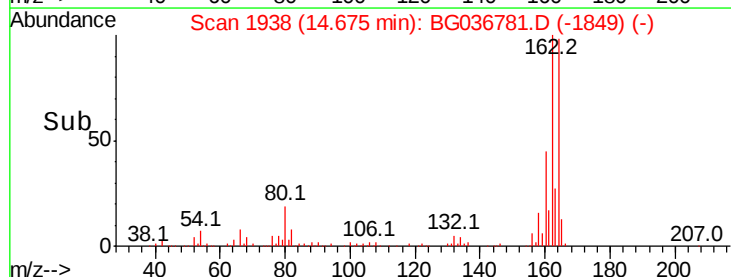
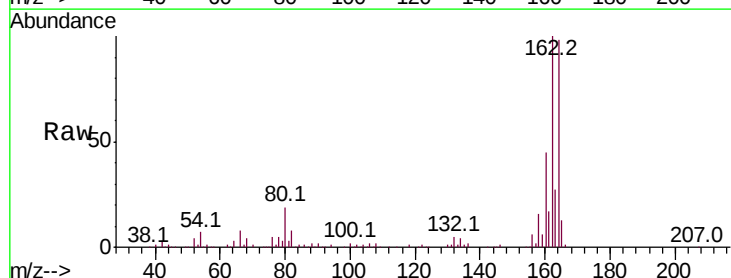
Instrument :
BNA_G
ClientSampled :
138-KV-2

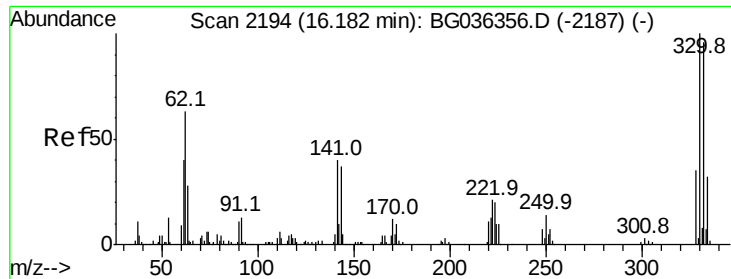
Tot Ion: 82 Resp: 389713
Ion Ratio Lower Upper
82 100
128 41.4 33.3 49.9
54 56.7 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Tgt Ion:164 Resp: 153628
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 45.8 35.3 52.9

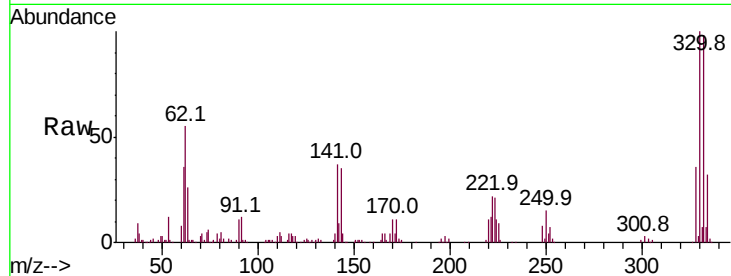




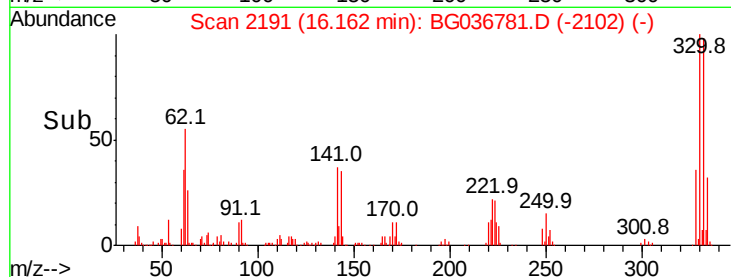
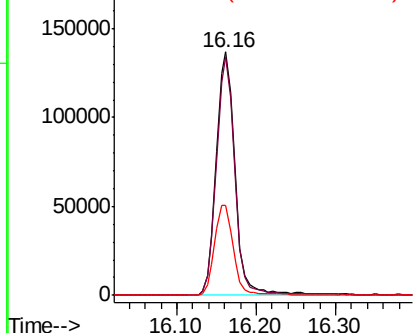
#41
 2,4,6-Tribromophenol
 Concen: 123.190 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Instrument :
 BNA_G
 ClientSampleId :
 138-KV-2

Tot Ion:330 Resp: 225823
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 37.3 30.7 46.1

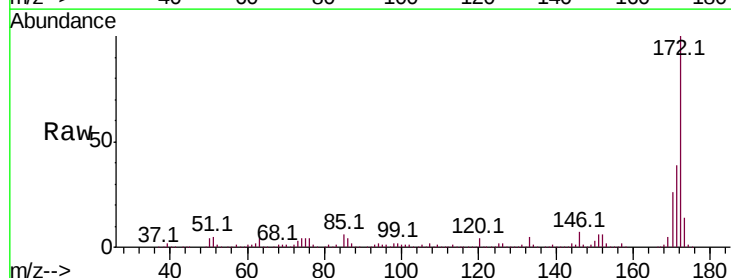


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

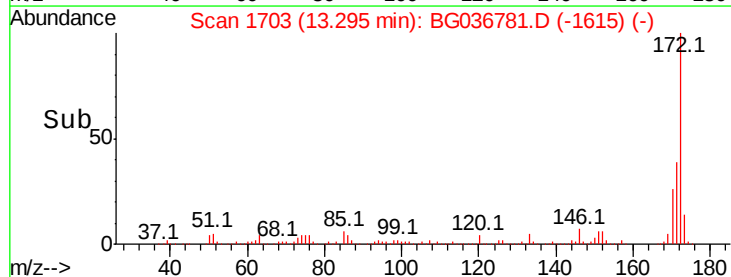
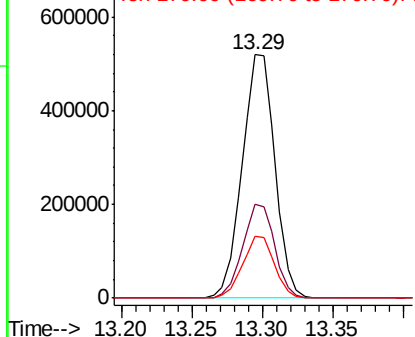


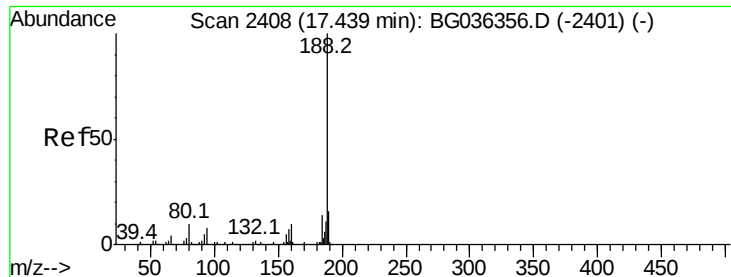
#44
 2-Fluorobiphenyl
 Concen: 78.427 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Tgt Ion:172 Resp: 843842
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.6 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: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

Instrument :

BNA_G

ClientSampleId :

138-KV-2

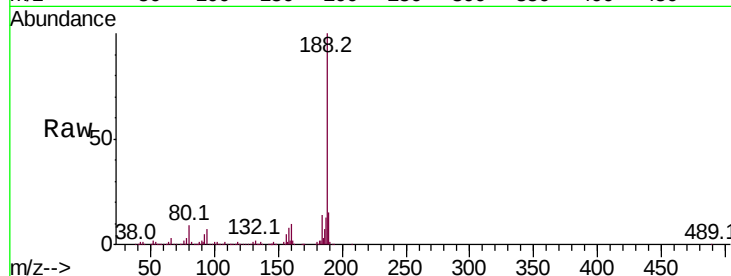
Tot Ion:188 Resp: 384353

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

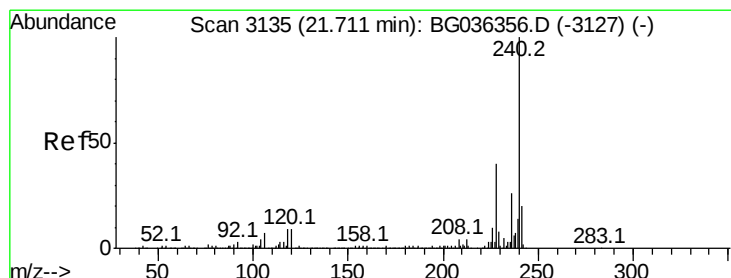
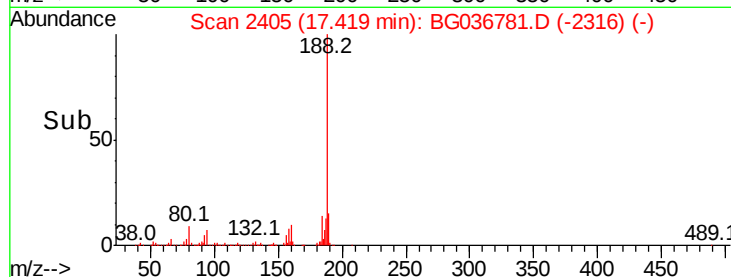
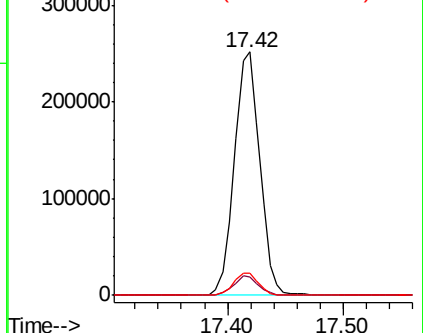
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

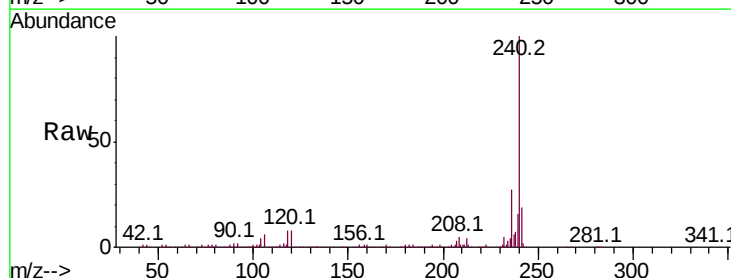
Tgt Ion:240 Resp: 404298

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

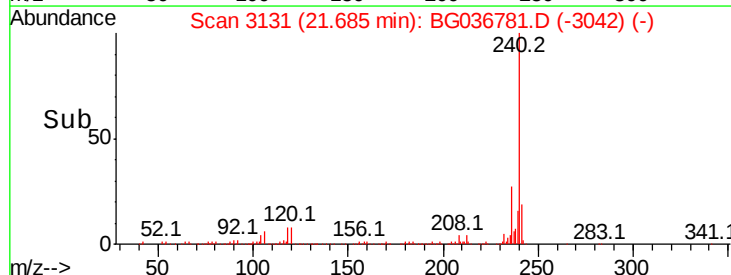
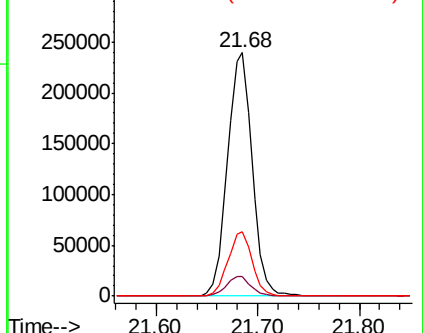
236 26.5 21.2 31.8

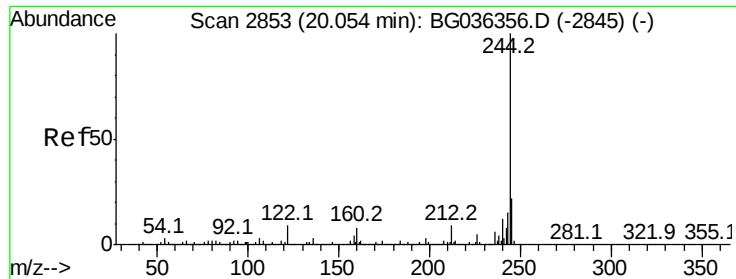


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



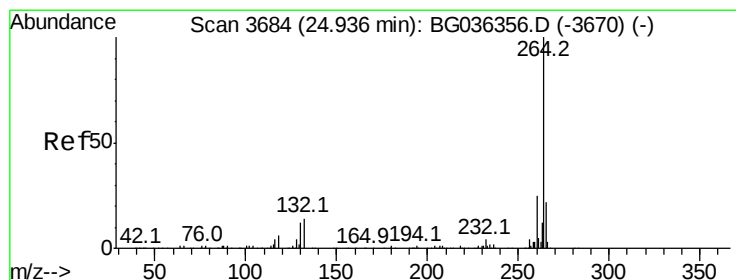
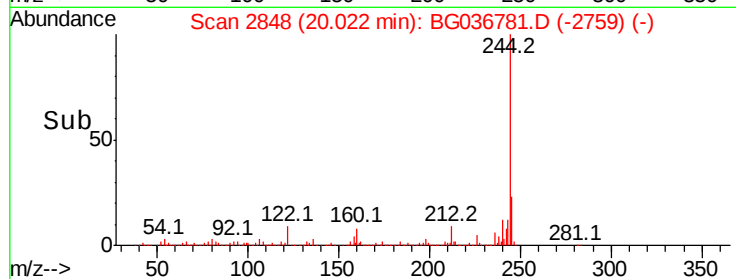
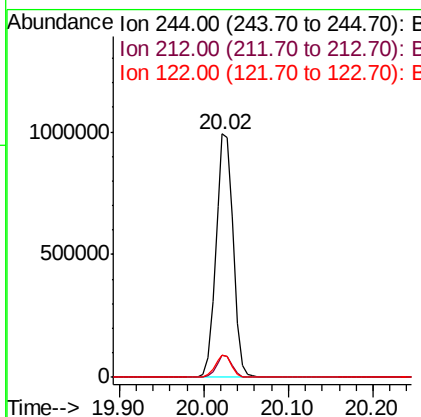
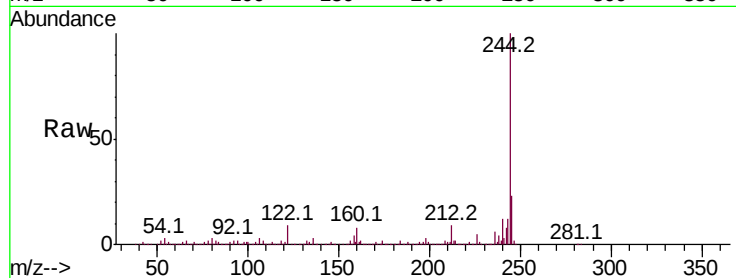


#78
 Terphenyl-d14
 Concen: 82.173 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Instrument :
 BNA_G
 ClientSampleId :
 138-KV-2

Tot Ion:244 Resp: 1421366

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Tgt Ion:264 Resp: 396252

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.7	17.4	26.0

