

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036683.D
 Acq On : 12 Sep 2018 21:40
 Operator : JU/SJ
 Sample : PB112784BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112784BL

Quant Time: Sep 13 01:47:31 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	59663	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	254584	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	168310	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	430376	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	444204	20.00	ng	-0.01
86) Perylene-d12	24.89	264	355216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	473090	125.78	ng	0.00
7) Phenol-d6	7.21	99	661641	122.87	ng	-0.01
23) Nitrobenzene-d5	9.21	82	405894	86.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	229727	114.39	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	980573	83.18	ng	-0.01
78) Terphenyl-d14	20.03	244	1629342	85.73	ng	0.00

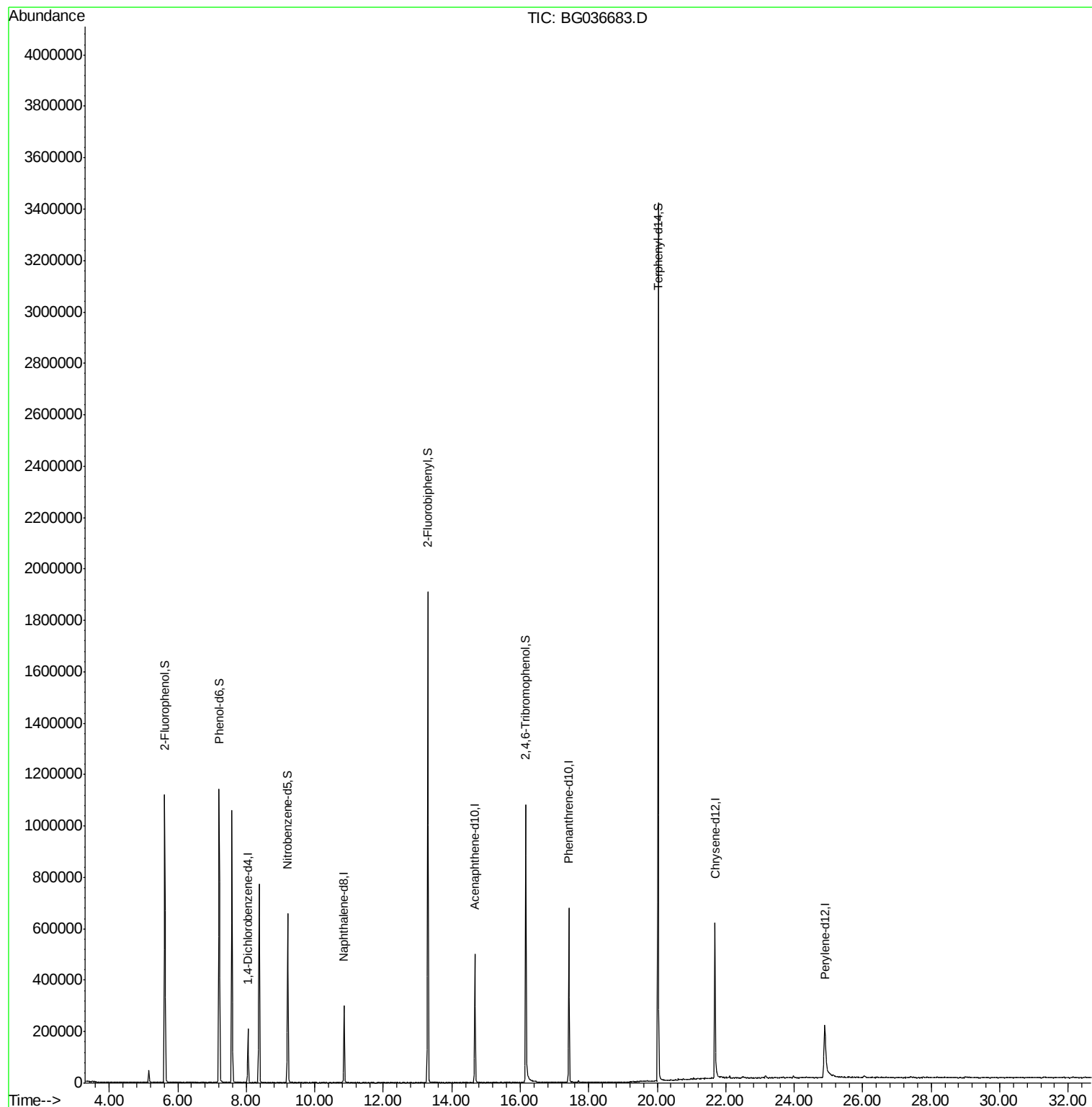
Target Compounds Qvalue

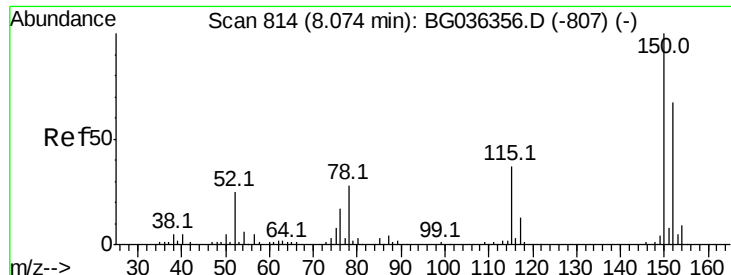
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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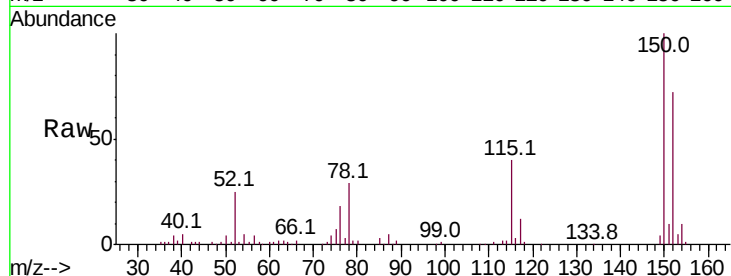


#1

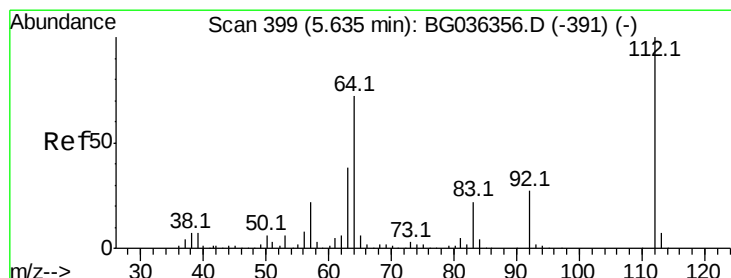
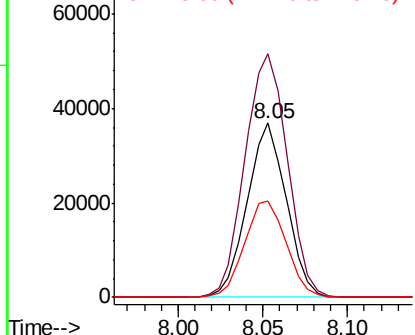
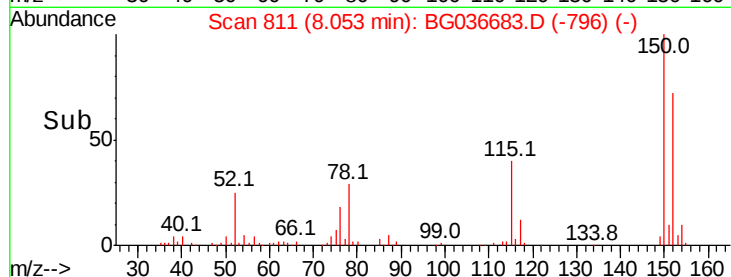
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Instrument :
BNA_G
ClientSampleId :
PB112784BL

Tot Ion:152 Resp: 59663
Ion Ratio Lower Upper
152 100
150 139.7 119.5 179.3
115 55.4 44.5 66.7



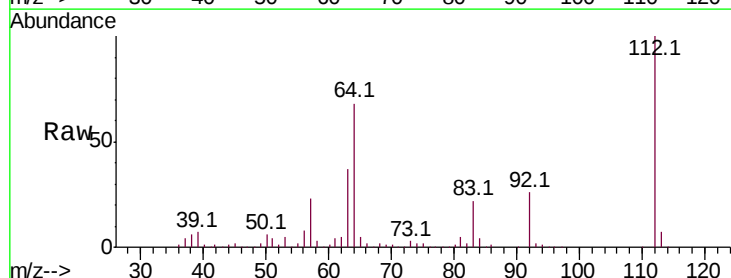
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



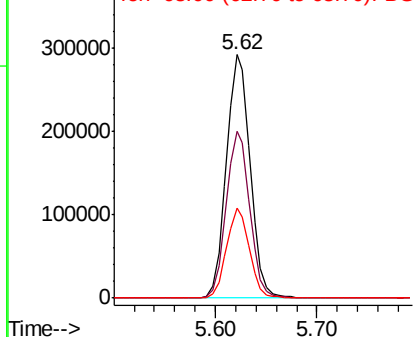
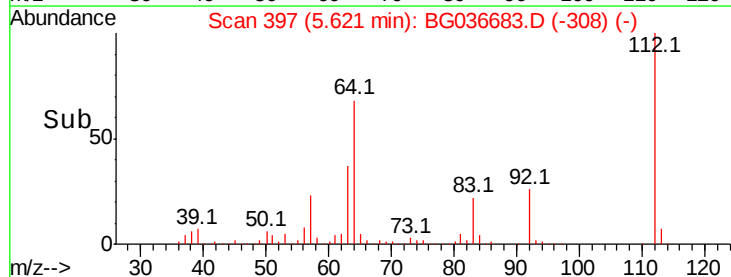
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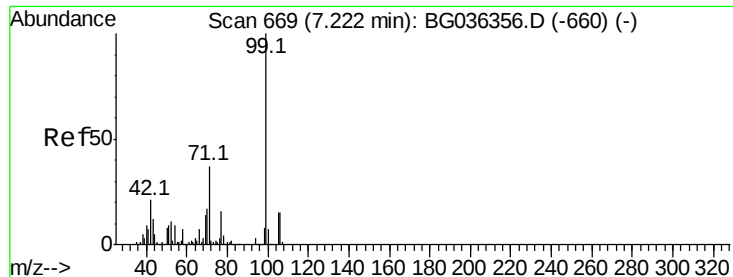
2-Fluorophenol
Concen: 125.783 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:112 Resp: 473090
Ion Ratio Lower Upper
112 100
64 68.4 57.2 85.8
63 36.9 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: 122.866 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036683.D

Acq: 12 Sep 2018 21:40

Instrument :

BNA_G

ClientSampleId :

PB112784BL

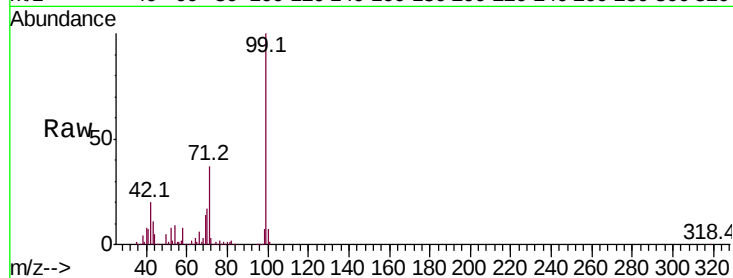
Tot Ion: 99 Resp: 661641

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

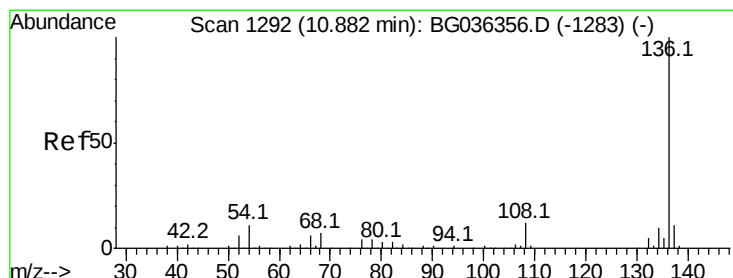
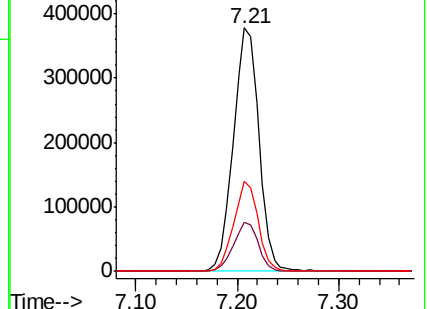
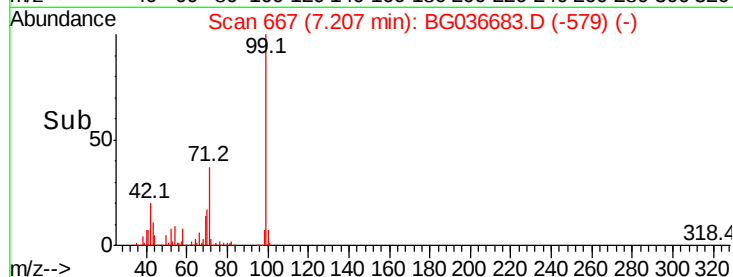
71 37.2 29.4 44.2



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: BG036683.D

Acq: 12 Sep 2018 21:40

Tgt Ion: 136 Resp: 254584

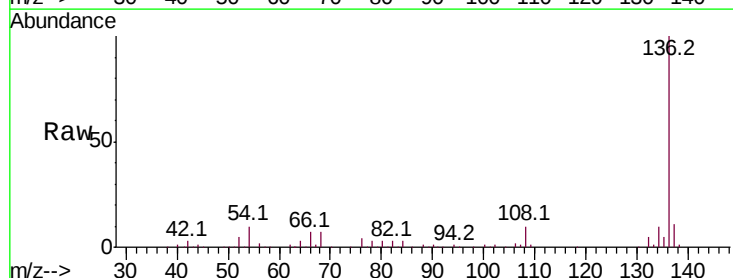
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.4 9.2 13.8

68 6.7 5.8 8.6

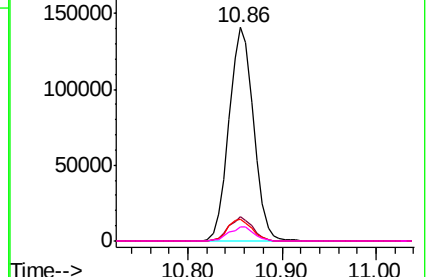
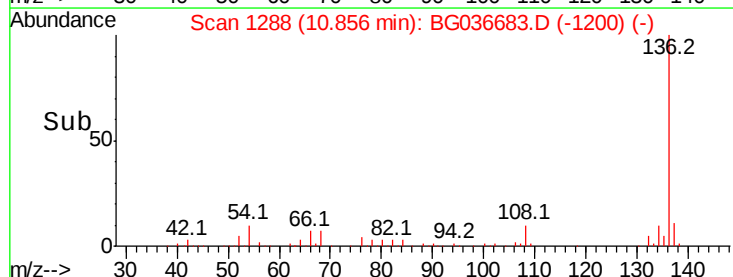


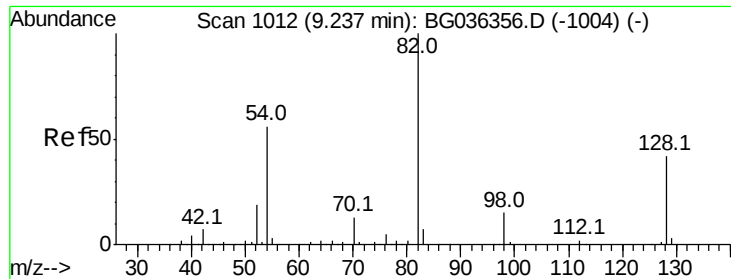
Abundance Ion 136.00 (135.70 to 136.70): E

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

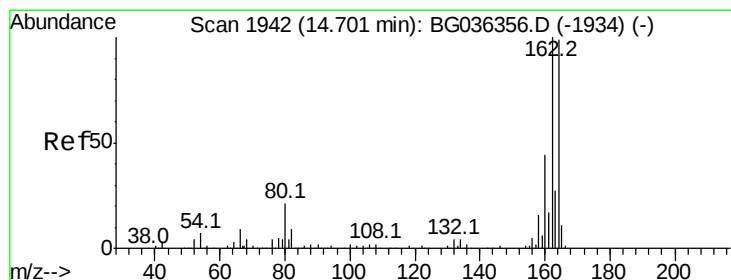
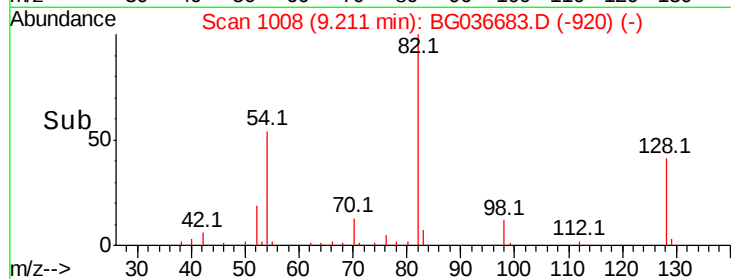
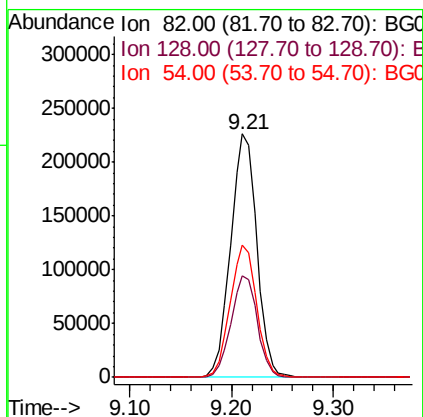
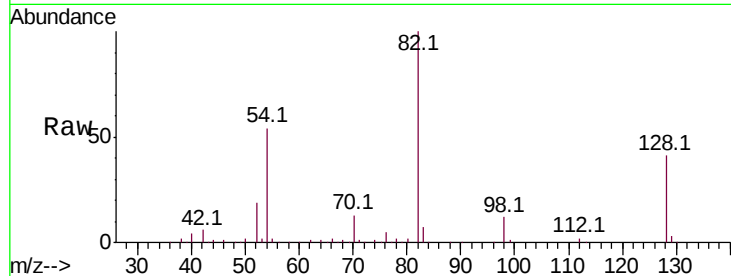




#23
 Nitrobenzene-d5
 Concen: 86.504 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

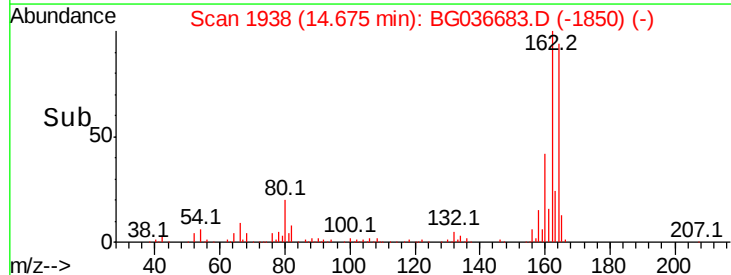
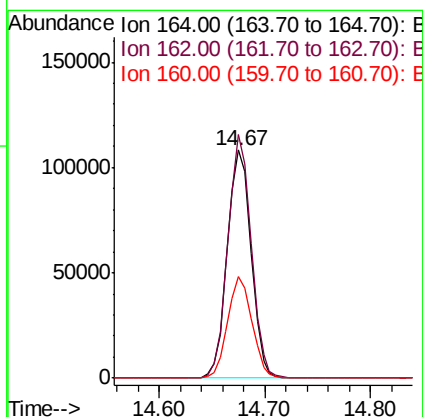
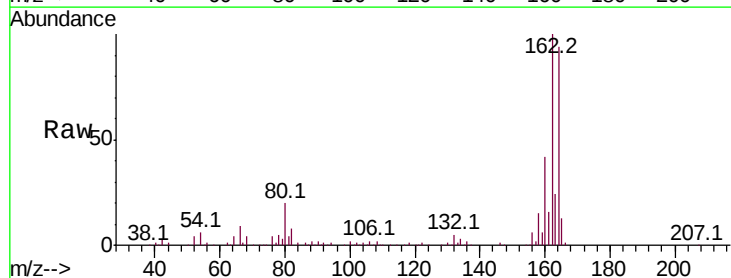
Instrument :
 BNA_G
 ClientSampleId :
 PB112784BL

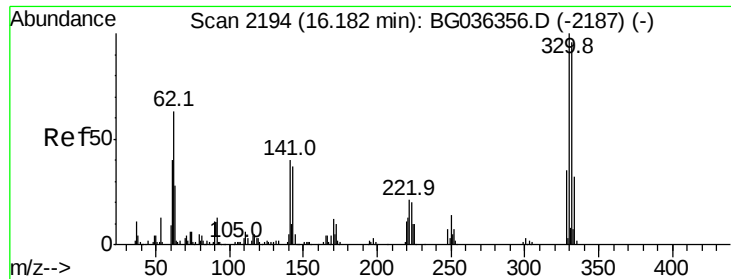
Tot Ion: 82 Resp: 405894
 Ion Ratio Lower Upper
 82 100
 128 41.5 33.3 49.9
 54 54.4 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion: 164 Resp: 168310
 Ion Ratio Lower Upper
 164 100
 162 106.7 80.7 121.1
 160 44.4 35.3 52.9

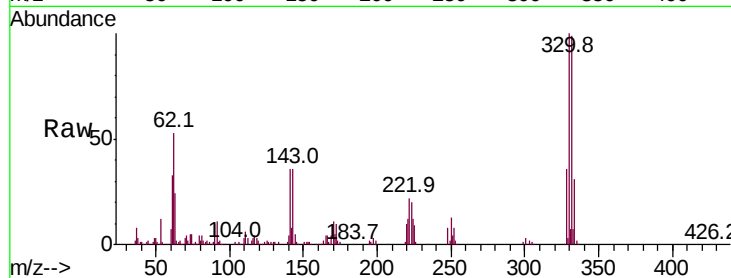




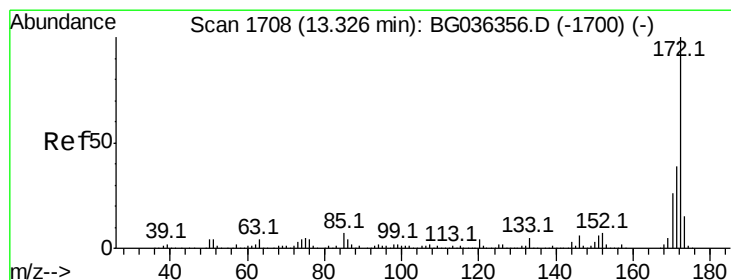
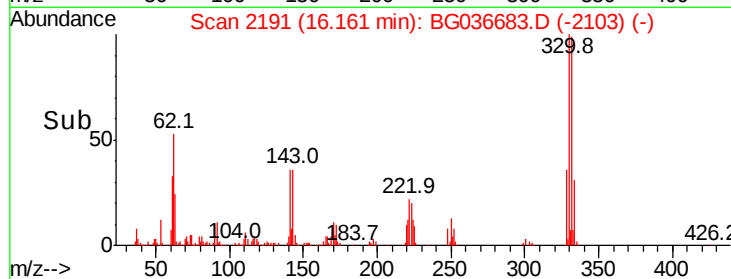
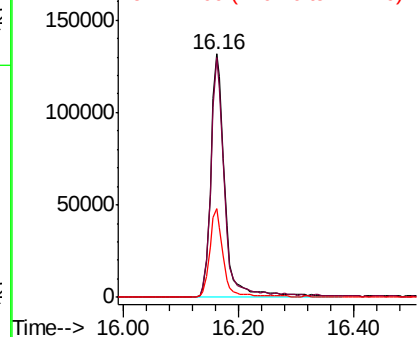
#41
 2,4,6-Tribromophenol
 Concen: 114.388 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB112784BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	75.4	113.2
141	34.6	30.7	46.1

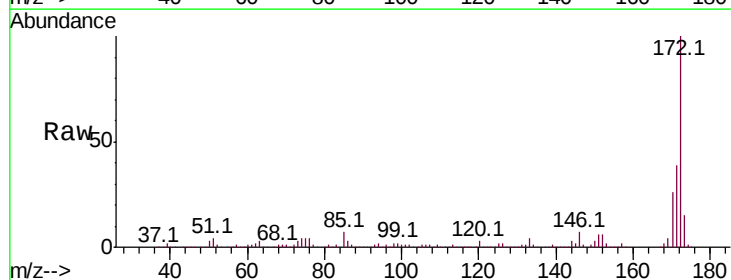


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

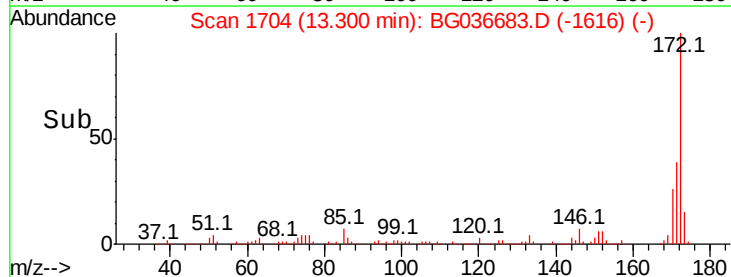
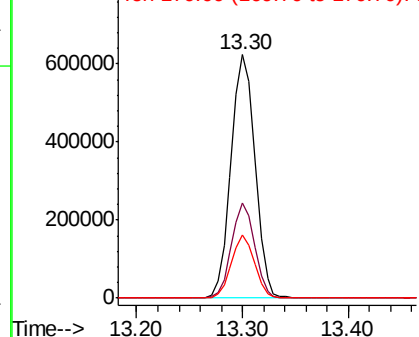


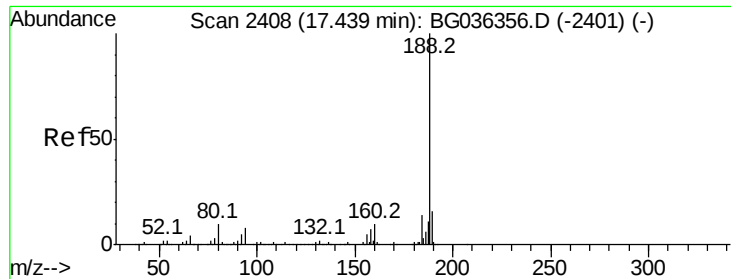
#44
 2-Fluorobiphenyl
 Concen: 83.185 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.9	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

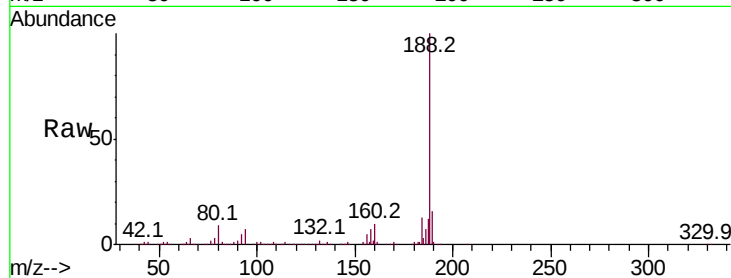




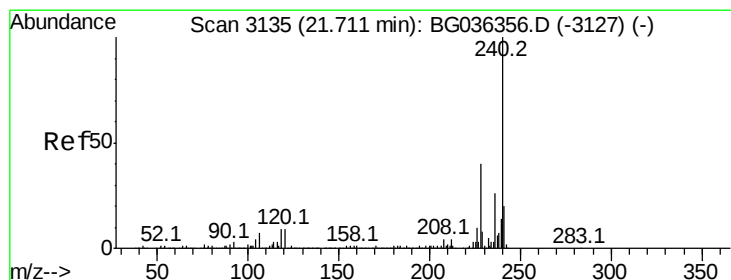
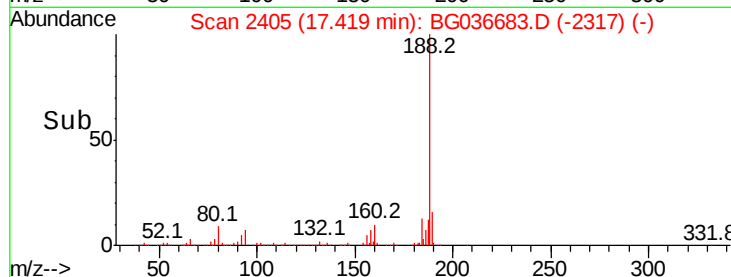
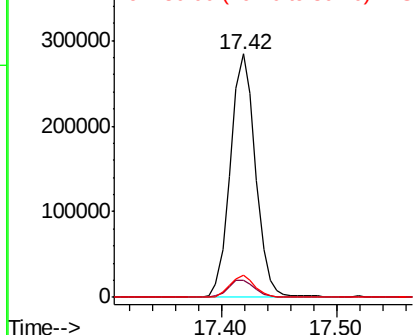
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Instrument :
BNA_G
ClientSampleId :
PB112784BL

Tot Ion:188 Resp: 430376
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 9.1 8.1 12.1

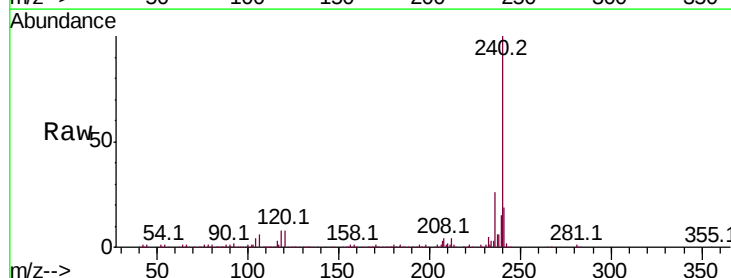


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

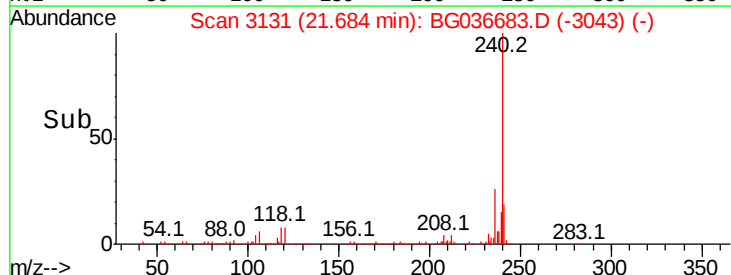
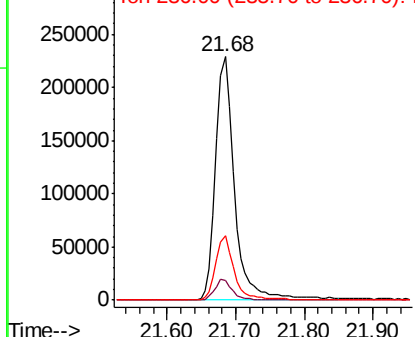


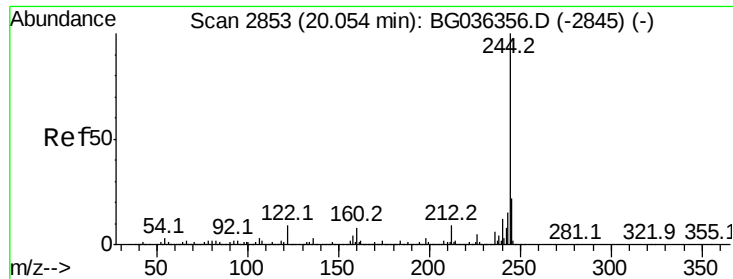
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:240 Resp: 444204
Ion Ratio Lower Upper
240 100
120 7.8 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

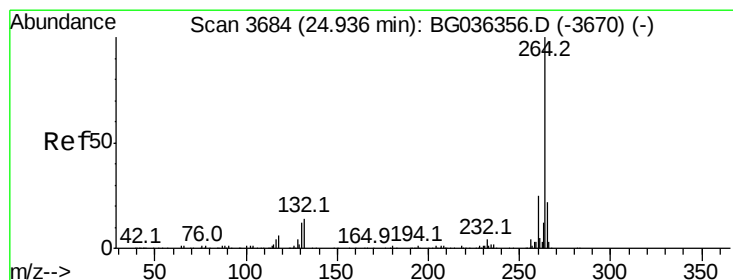
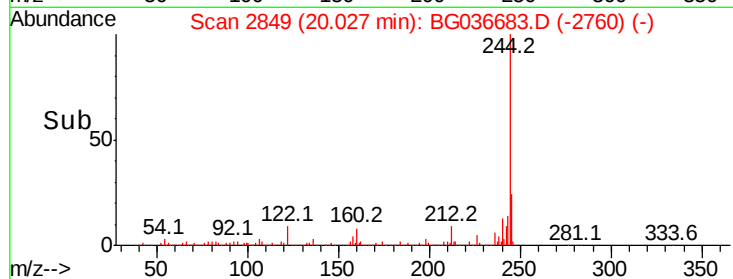
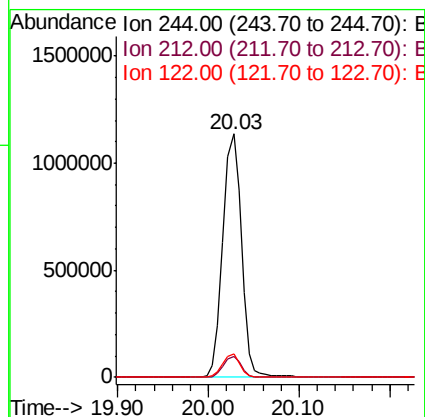
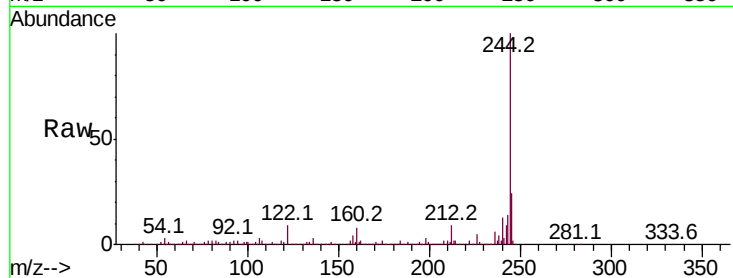




#78
 Terphenyl-d14
 Concen: 85.734 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB112784BL

Tot Ion:244 Resp: 1629342
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion:264 Resp: 355216
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.6 29.4
 265 22.2 17.4 26.0

