

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036681.D
 Acq On : 12 Sep 2018 20:22
 Operator : JU/SJ
 Sample : J4856-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-3

Quant Time: Sep 13 01:43:00 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	53865	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	230186	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	152593	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385279	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	380326	20.00	ng	-0.01
86) Perylene-d12	24.90	264	279708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	345540	101.76	ng	0.00
7) Phenol-d6	7.21	99	445115	91.55	ng	-0.01
23) Nitrobenzene-d5	9.22	82	367499	86.62	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	171875	94.40	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	848719	79.41	ng	-0.01
78) Terphenyl-d14	20.03	244	1456387	89.50	ng	0.00

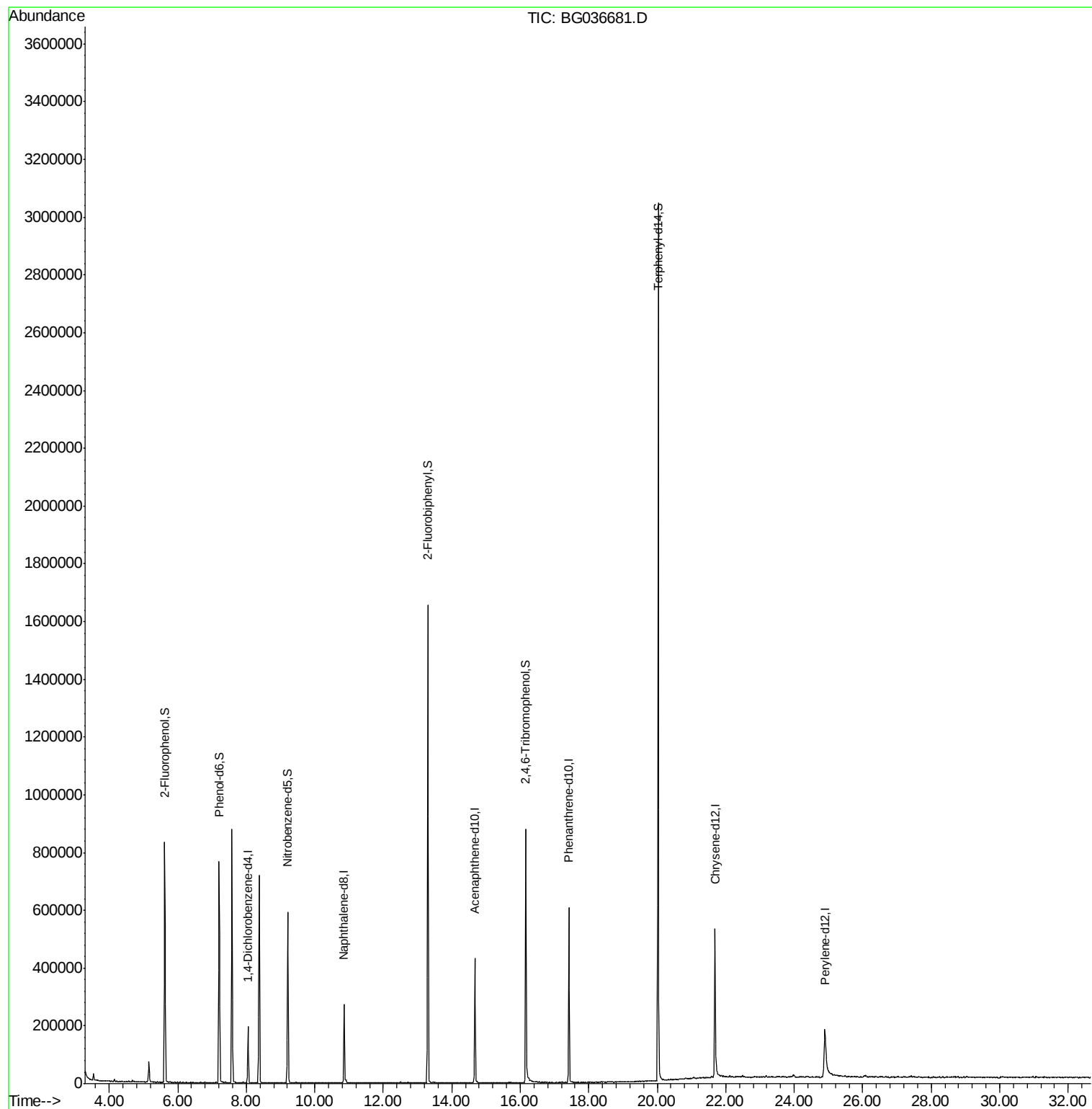
Target Compounds Qvalue

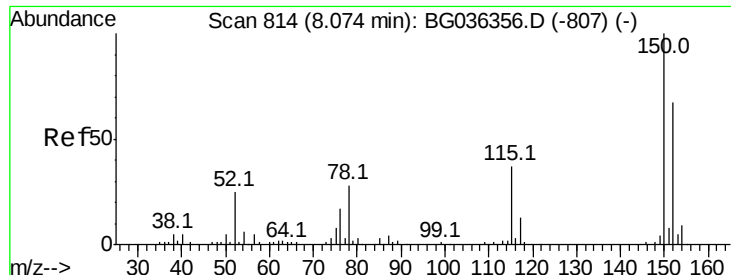
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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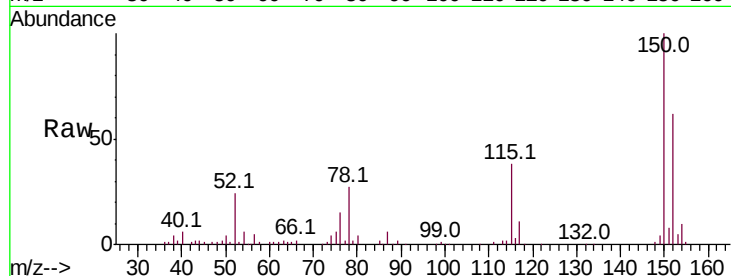


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036681.D
Acq: 12 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	119.5	179.3
115	62.1	44.5	66.7

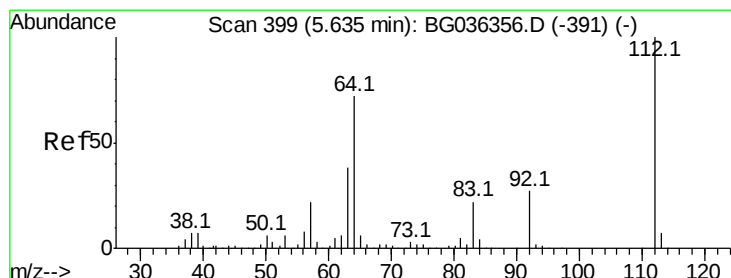
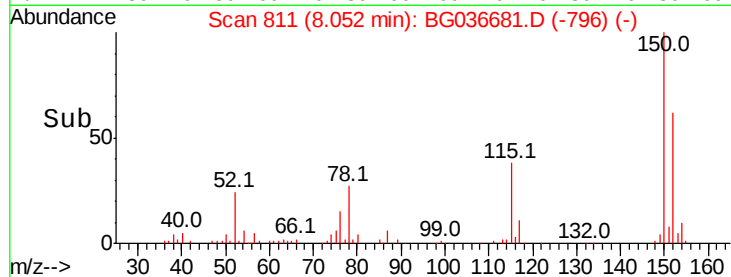
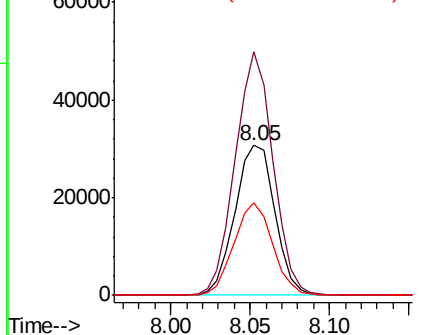


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

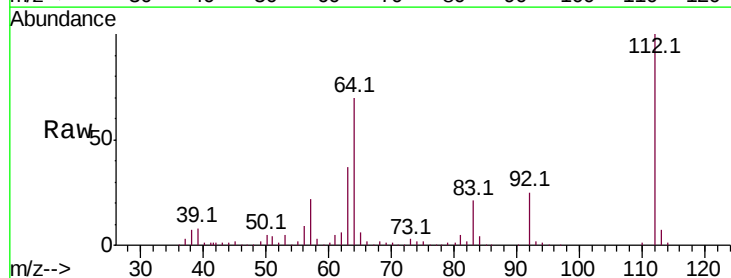
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.760 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036681.D
Acq: 12 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.2	85.8
63	37.5	30.8	46.2

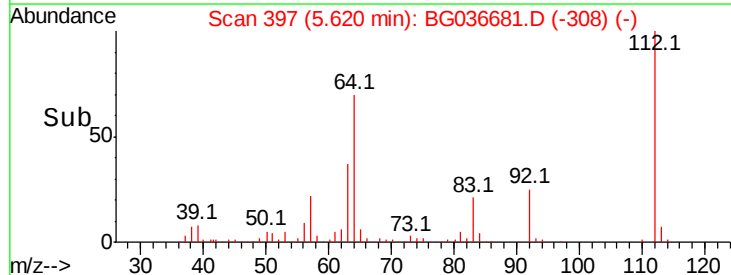
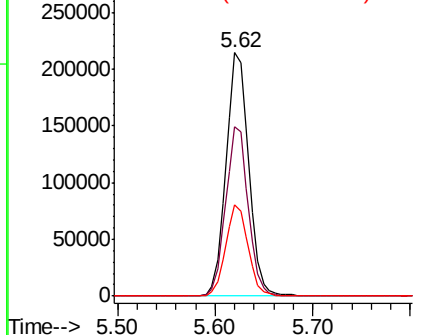


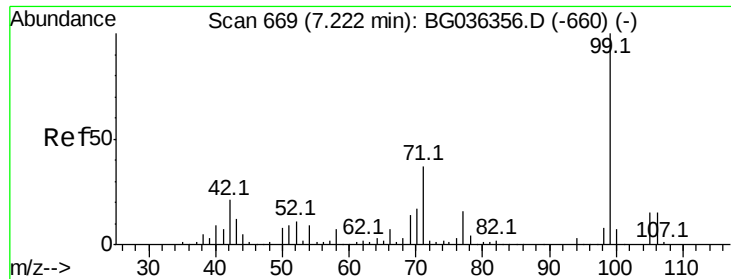
Abundance

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: 91.555 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036681.D

Acq: 12 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

TP-1-3

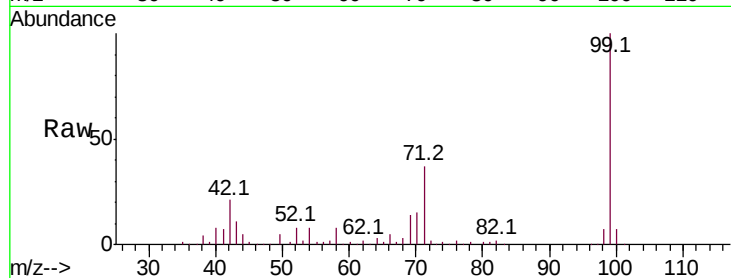
Tot Ion: 99 Resp: 445115

Ion Ratio Lower Upper

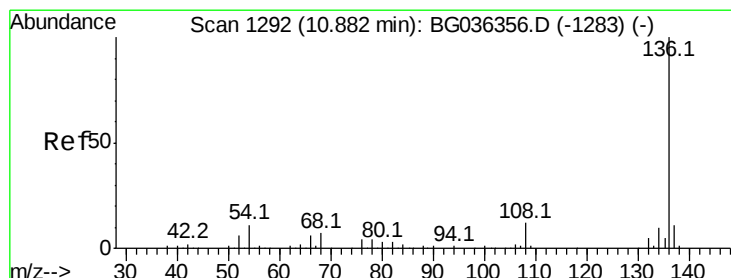
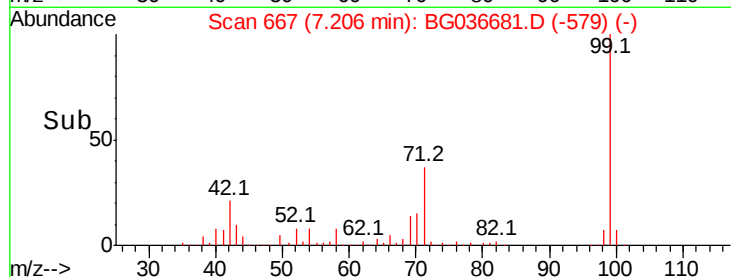
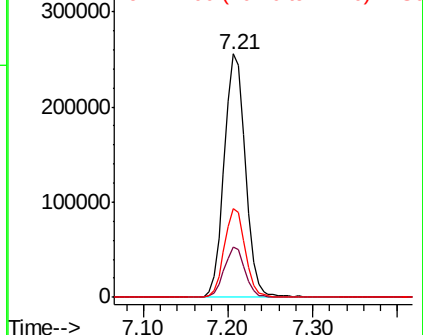
99 100

42 20.6 16.5 24.7

71 36.6 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: BG036681.D

Acq: 12 Sep 2018 20:22

Tgt Ion: 136 Resp: 230186

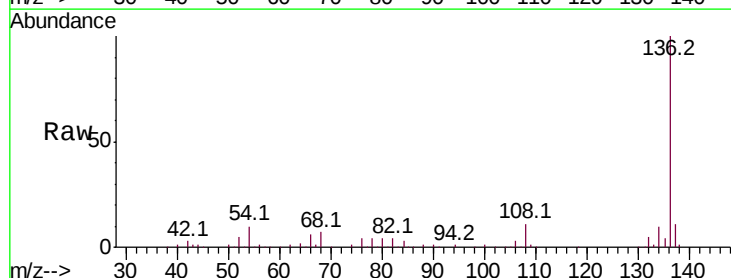
Ion Ratio Lower Upper

136 100

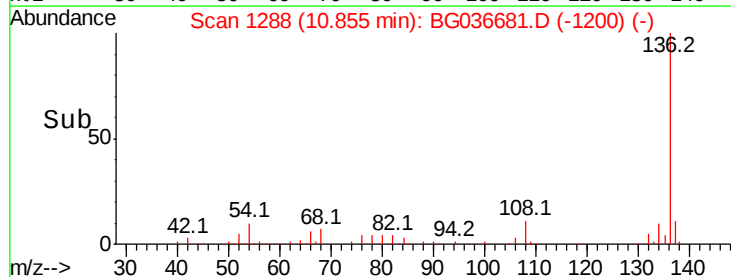
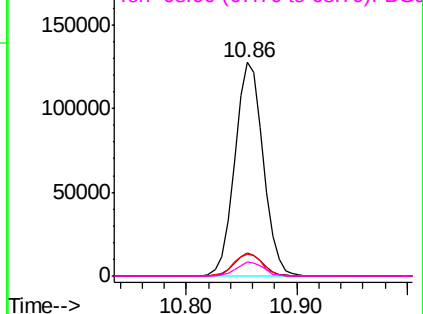
137 10.8 8.8 13.2

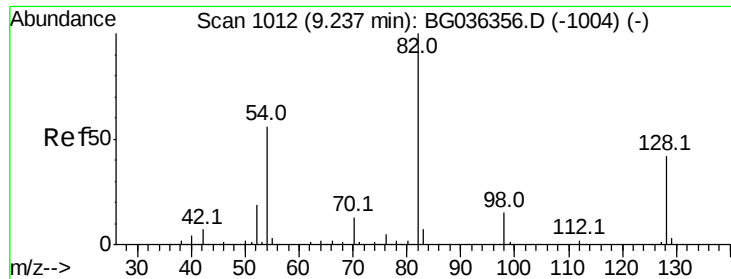
54 10.2 9.2 13.8

68 6.5 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

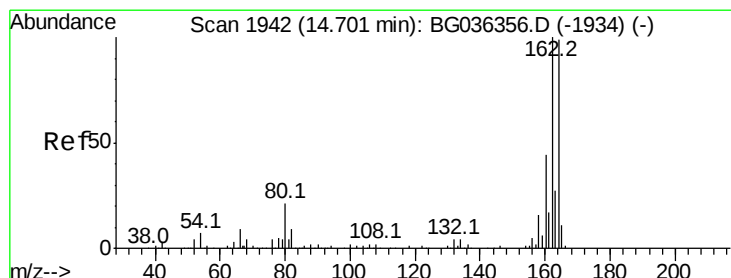
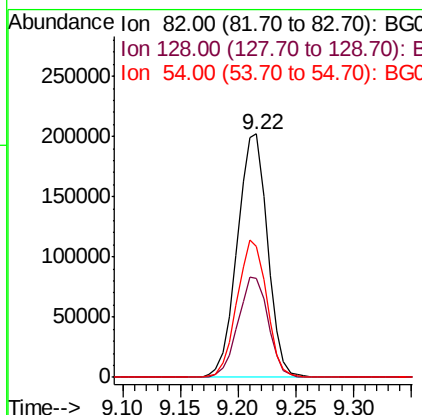
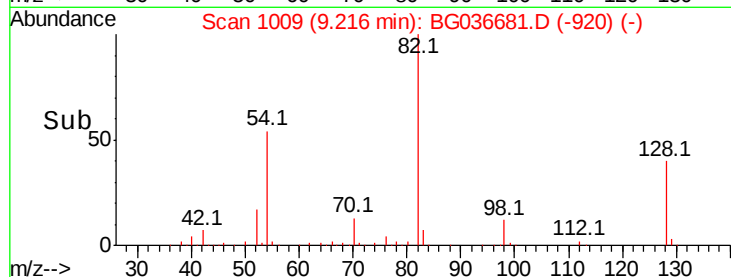
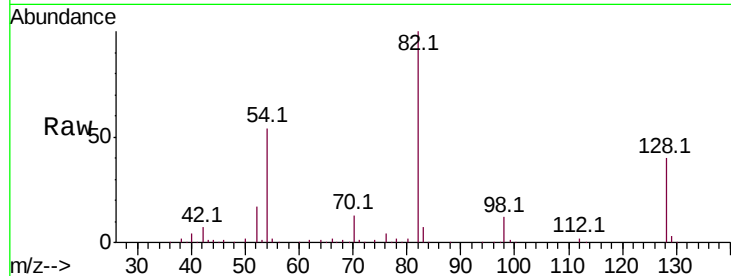




#23
 Nitrobenzene-d5
 Concen: 86.622 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036681.D
 Acq: 12 Sep 2018 20:22

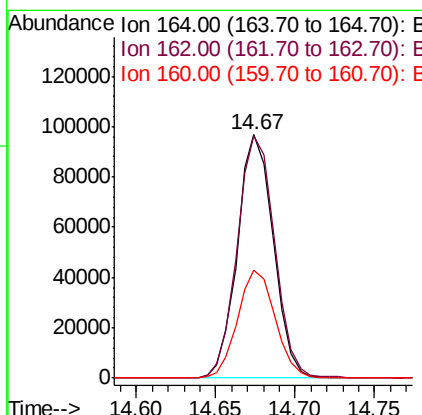
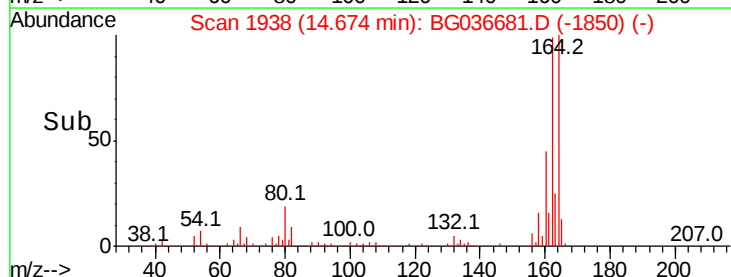
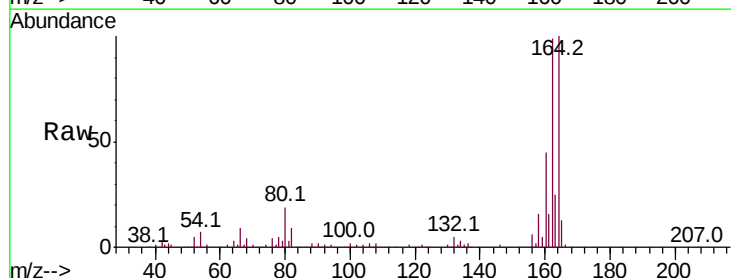
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-3

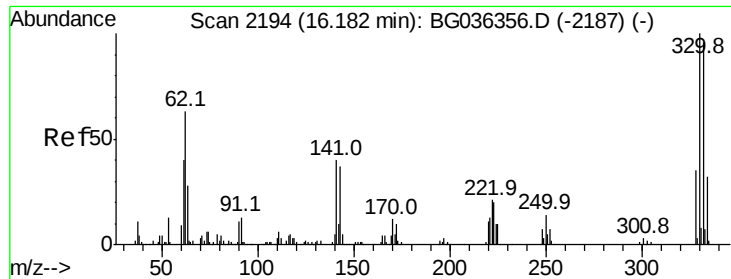
Tot Ion:	82	Resp:	367499
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	53.6	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036681.D
 Acq: 12 Sep 2018 20:22

Tgt Ion:	164	Resp:	152593
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.7	121.1
160	44.6	35.3	52.9

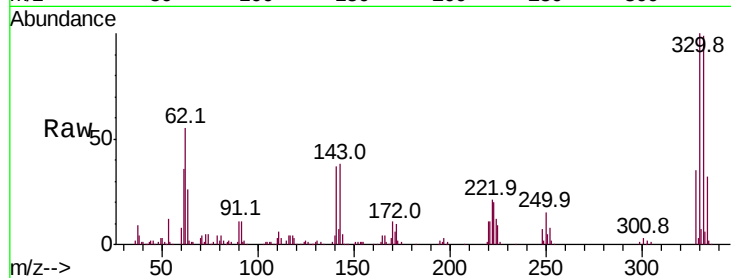




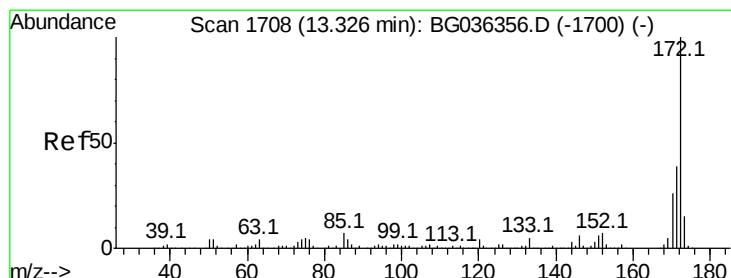
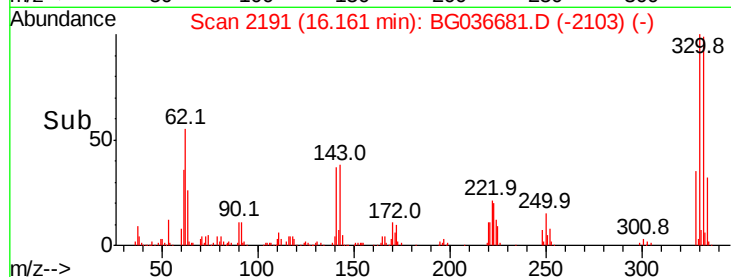
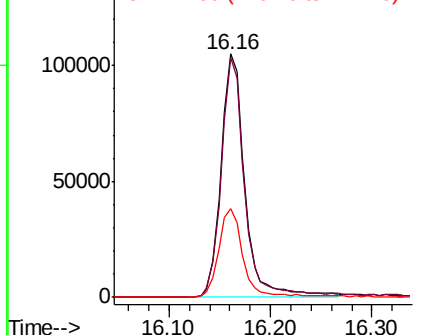
#41
 2,4,6-Tribromophenol
 Concen: 94.397 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036681.D
 Acq: 12 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampled :
 TP-1-3

Tot Ion:330 Resp: 171875
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.4 113.2
 141 37.8 30.7 46.1

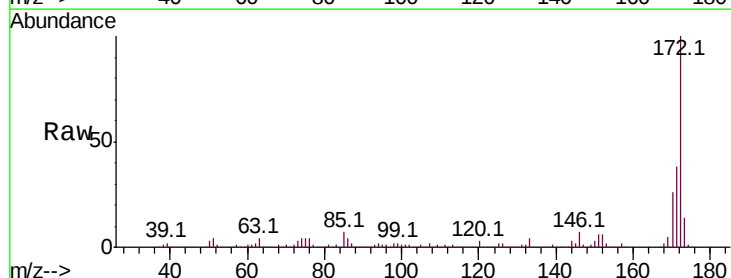


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

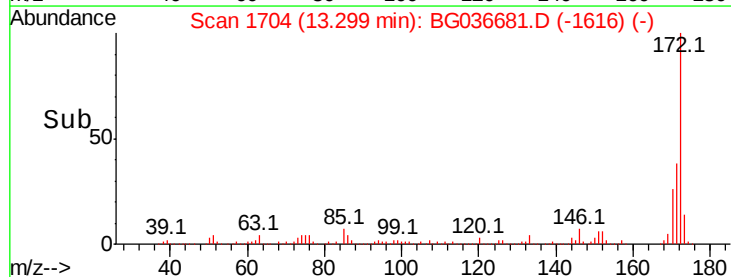
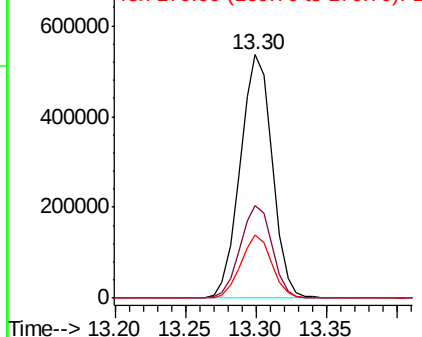


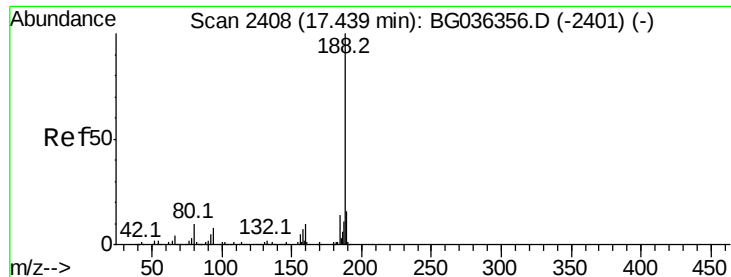
#44
 2-Fluorobiphenyl
 Concen: 79.415 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036681.D
 Acq: 12 Sep 2018 20:22

Tgt Ion:172 Resp: 848719
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.8 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: BG036681.D

Acq: 12 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

TP-1-3

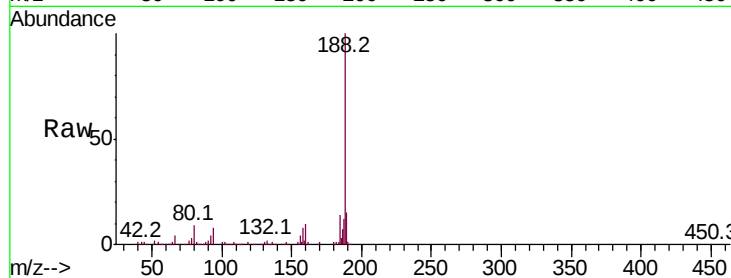
Tot Ion:188 Resp: 385279

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

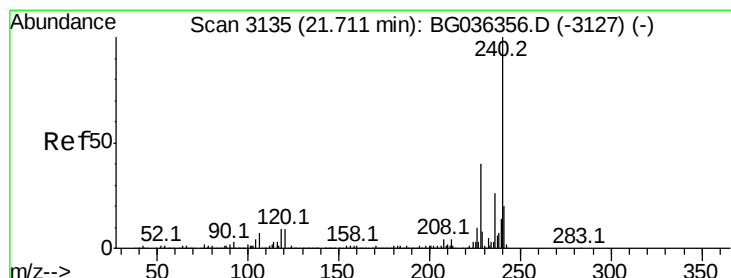
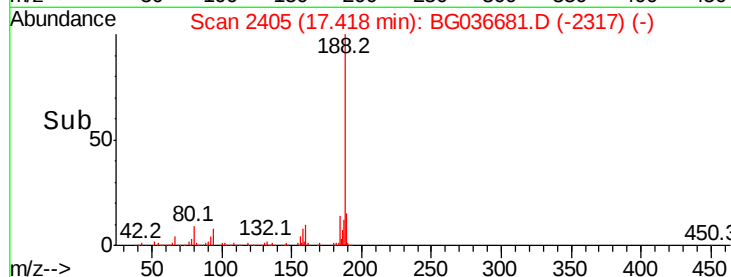
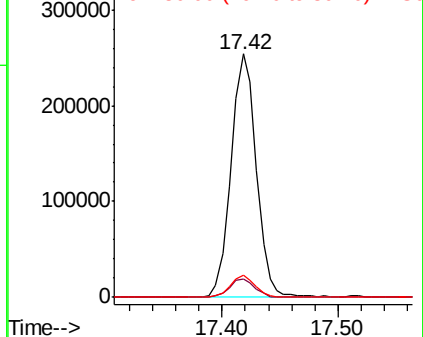
80 9.3 8.1 12.1



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# 3131

Delta R.T. -0.01 min

Lab File: BG036681.D

Acq: 12 Sep 2018 20:22

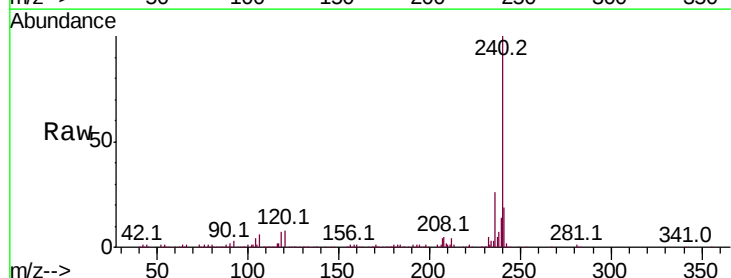
Tgt Ion:240 Resp: 380326

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

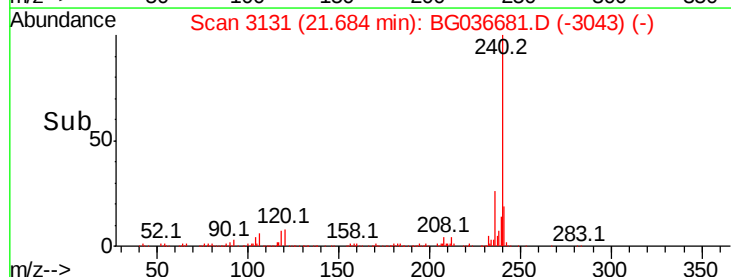
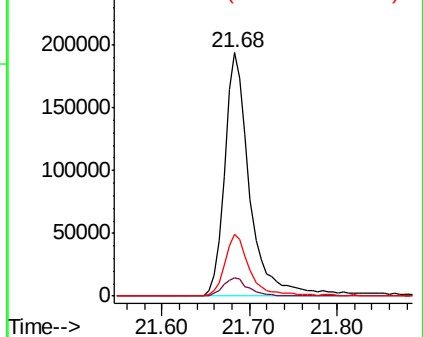
236 25.7 21.2 31.8

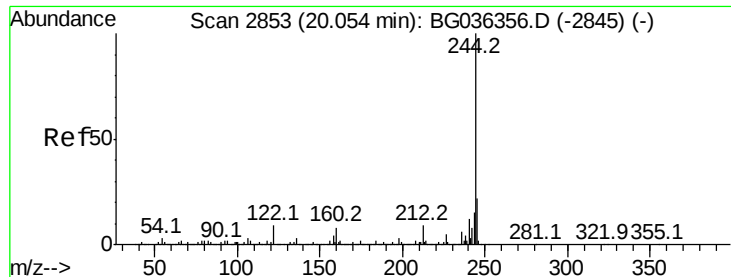


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.504 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036681.D

Acq: 12 Sep 2018 20:22

Instrument :

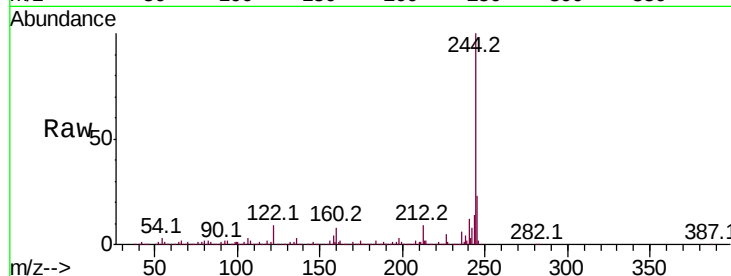
BNA_G

ClientSampled :

TP-1-3

Tot Ion:244 Resp: 1456387

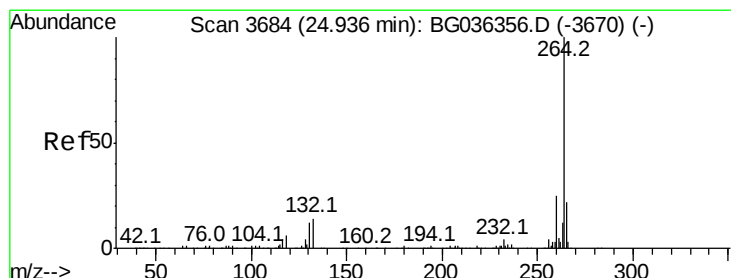
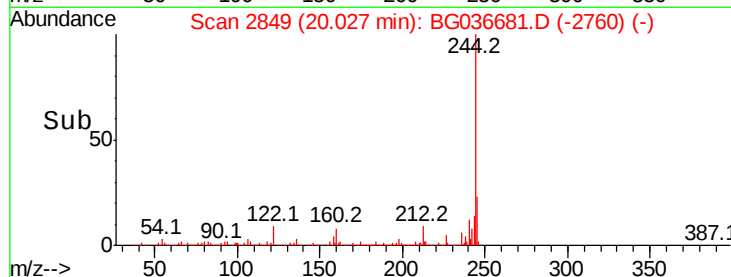
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.0	7.1	10.7



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: 24.90 min Scan# 3678

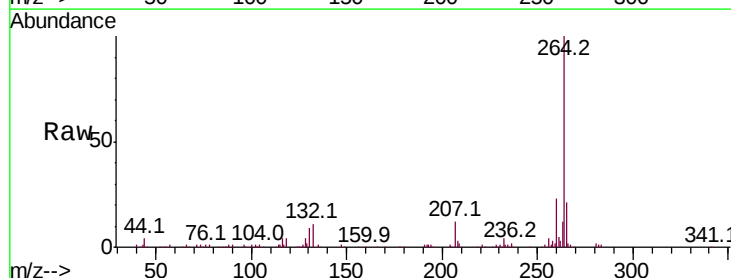
Delta R.T. -0.01 min

Lab File: BG036681.D

Acq: 12 Sep 2018 20:22

Tgt Ion:264 Resp: 279708

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	20.9	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

