

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036752.D
 Acq On : 17 Sep 2018 13:28
 Operator : JU/SJ
 Sample : PB112896BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112896BL

Quant Time: Sep 17 18:13:26 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	58708	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	230000	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	147990	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385700	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	411820	20.00	ng	-0.02
86) Perylene-d12	24.89	264	399957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	432618	116.89	ng	0.00
7) Phenol-d6	7.21	99	578928	109.26	ng	-0.01
23) Nitrobenzene-d5	9.21	82	364260	85.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	228004	129.12	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	832082	80.28	ng	-0.01
78) Terphenyl-d14	20.02	244	1467843	83.31	ng	-0.01

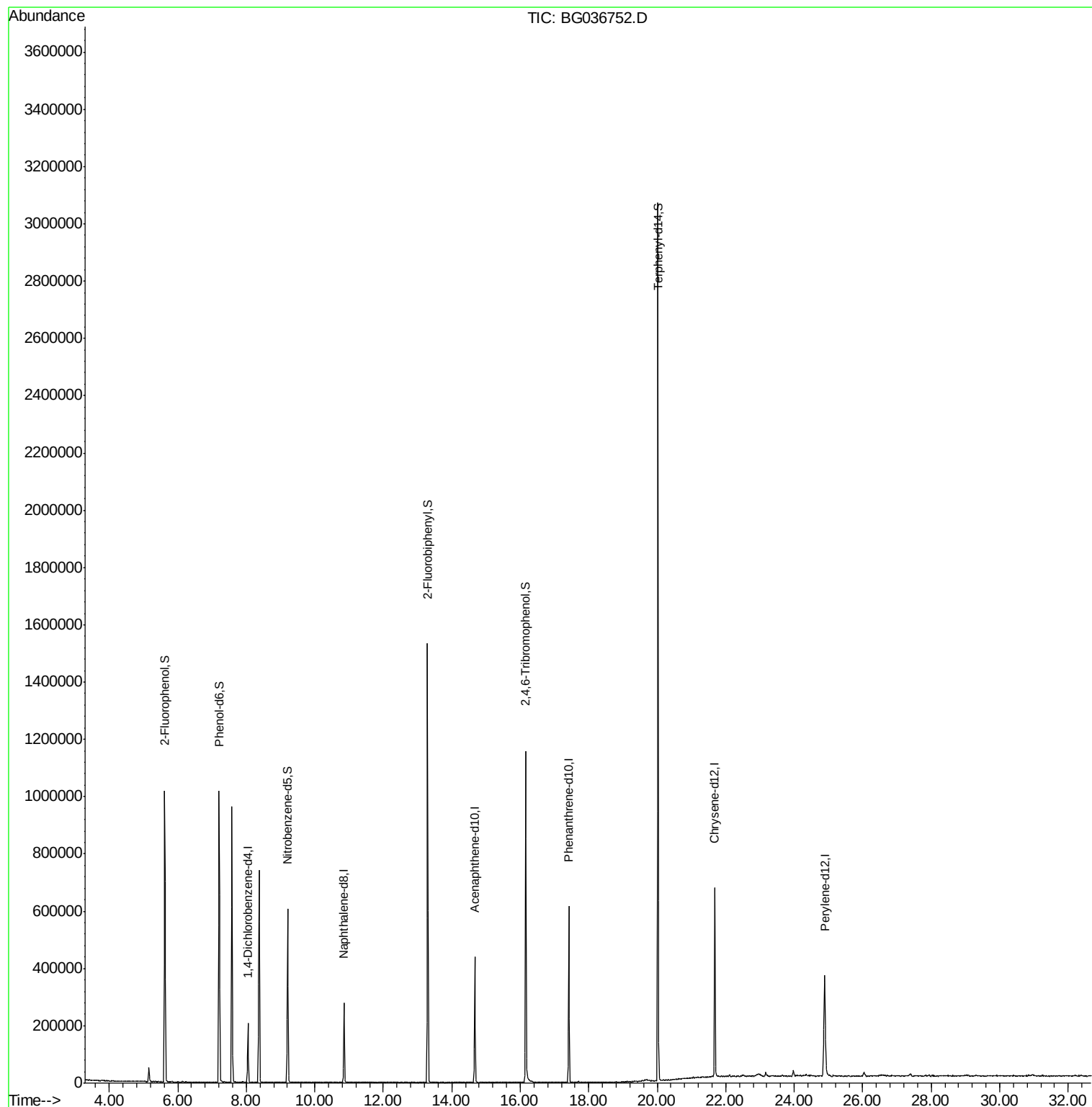
Target Compounds Qvalue

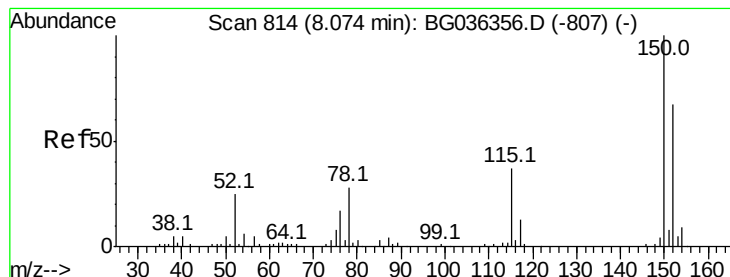
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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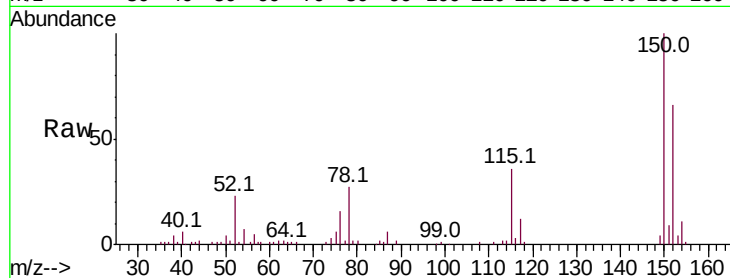


#1

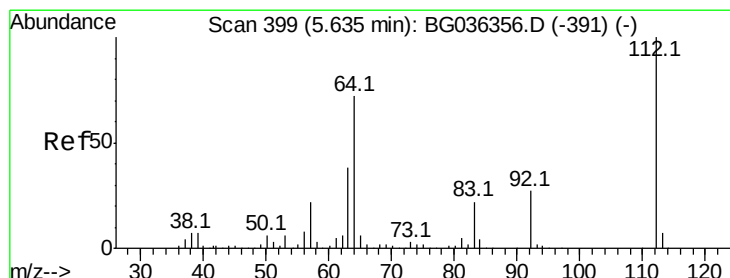
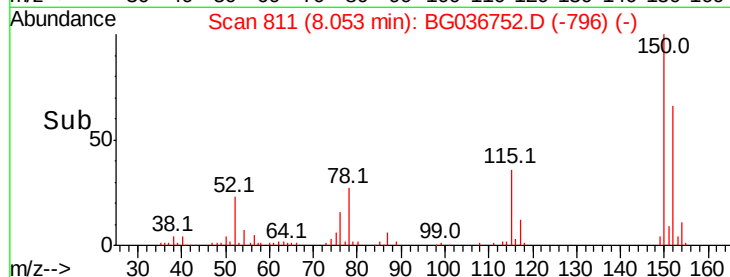
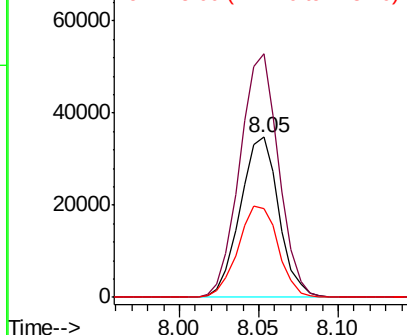
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036752.D
Acq: 17 Sep 2018 13:28

Instrument :
BNA_G
ClientSampleId :
PB112896BL

Tot Ion:152 Resp: 58708
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 55.4 44.5 66.7



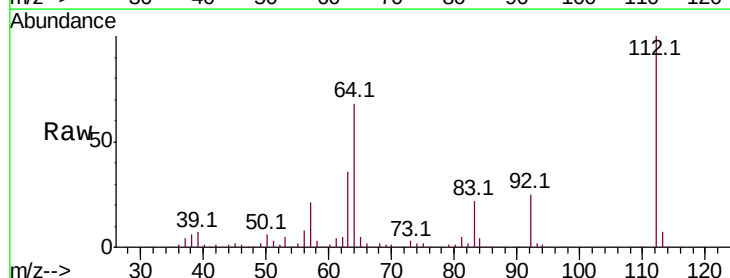
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



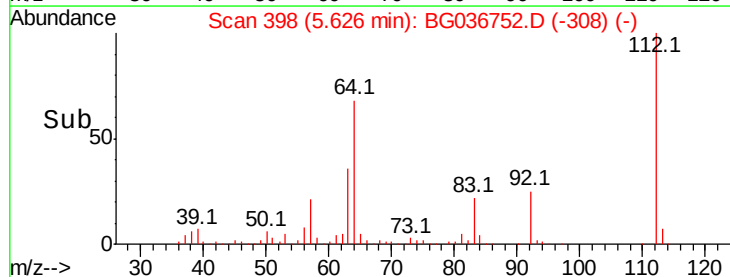
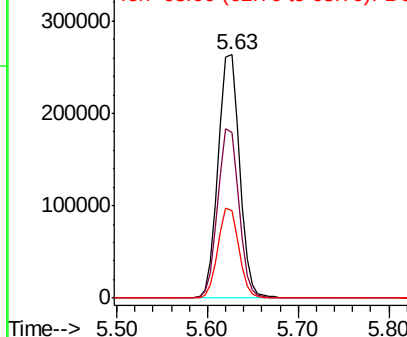
#5

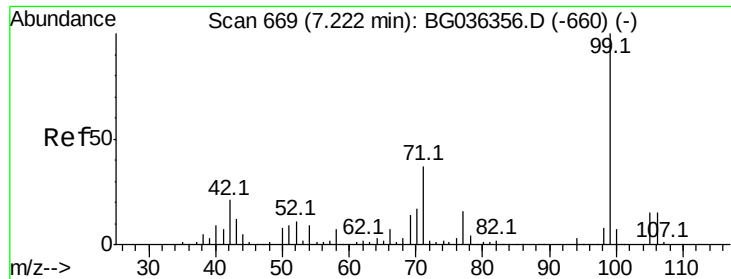
2-Fluorophenol
Concen: 116.894 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036752.D
Acq: 17 Sep 2018 13:28

Tgt Ion:112 Resp: 432618
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 35.7 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: 109.255 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036752.D

Acq: 17 Sep 2018 13:28

Instrument :

BNA_G

ClientSampleId :

PB112896BL

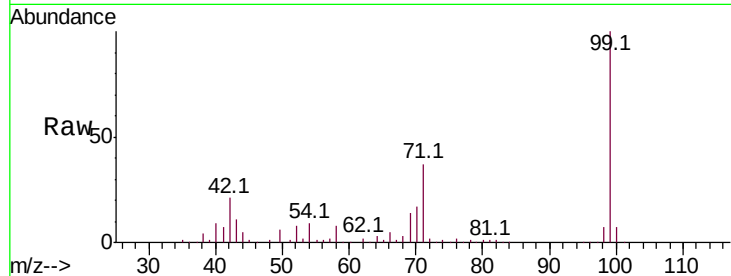
Tot Ion: 99 Resp: 578928

Ion Ratio Lower Upper

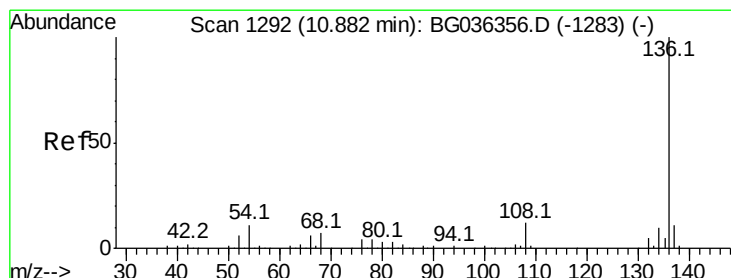
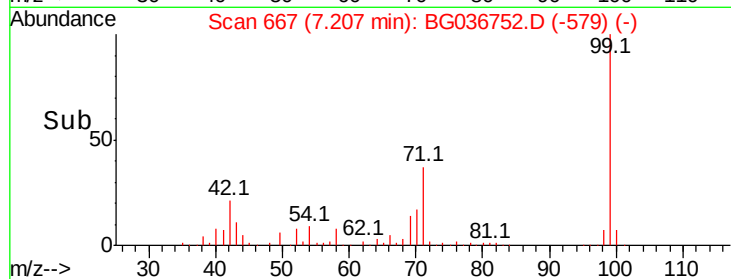
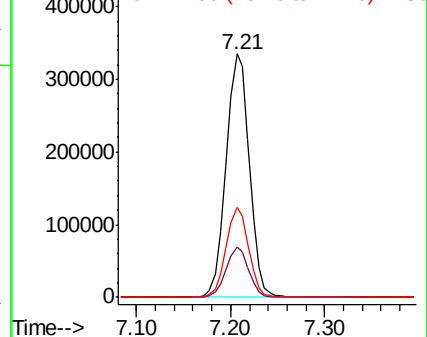
99 100

42 20.6 16.5 24.7

71 37.0 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: BG036752.D

Acq: 17 Sep 2018 13:28

Tgt Ion: 136 Resp: 230000

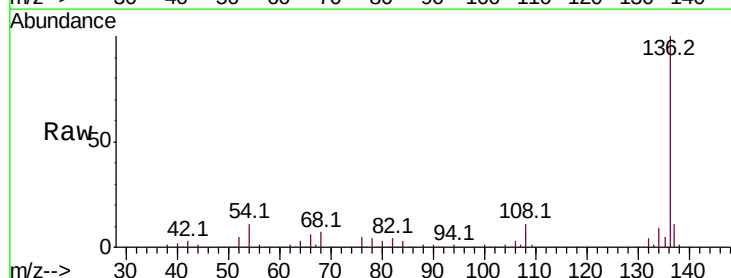
Ion Ratio Lower Upper

136 100

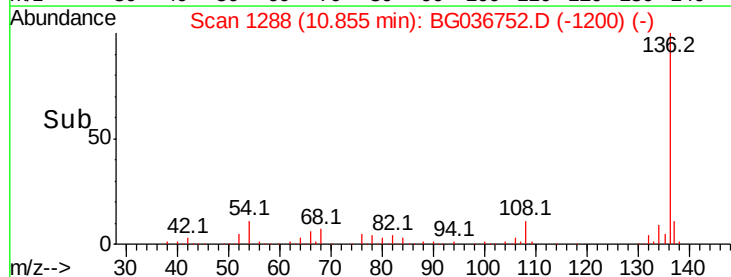
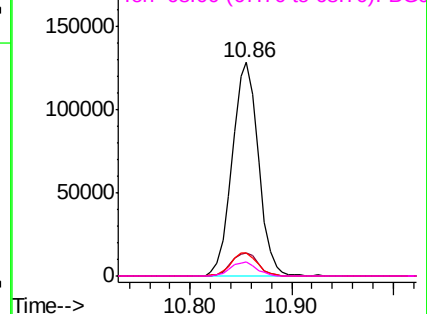
137 10.9 8.8 13.2

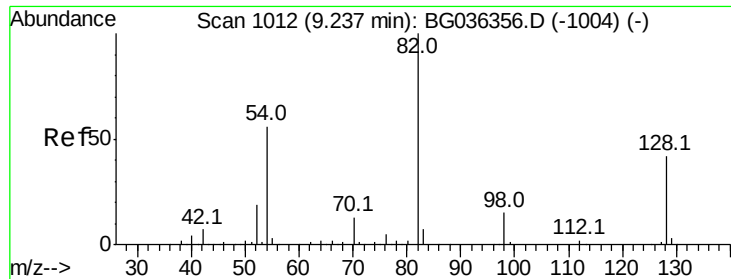
54 11.0 9.2 13.8

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

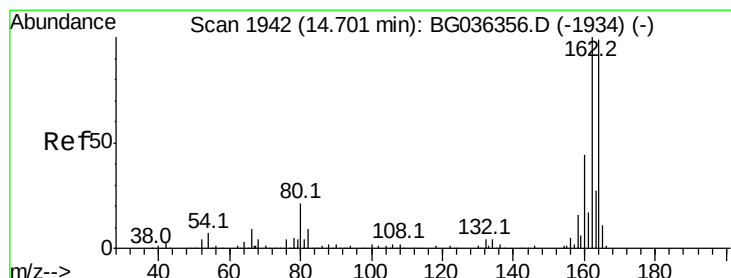
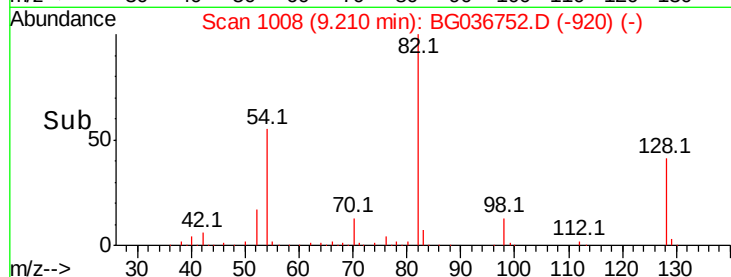
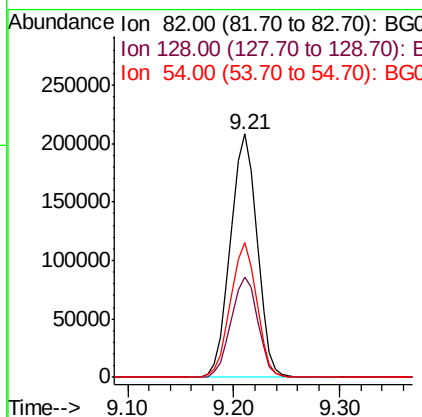
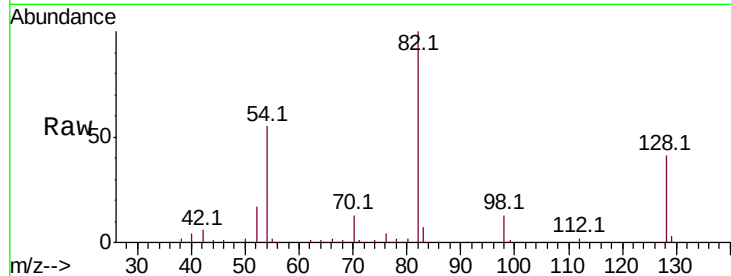




#23
 Nitrobenzene-d5
 Concen: 85.928 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036752.D
 Acq: 17 Sep 2018 13:28

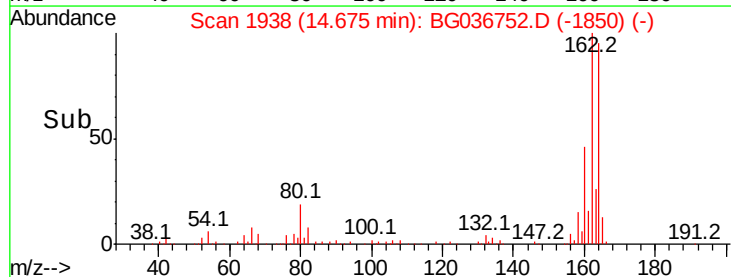
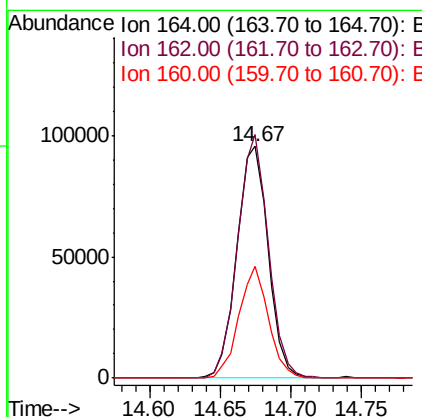
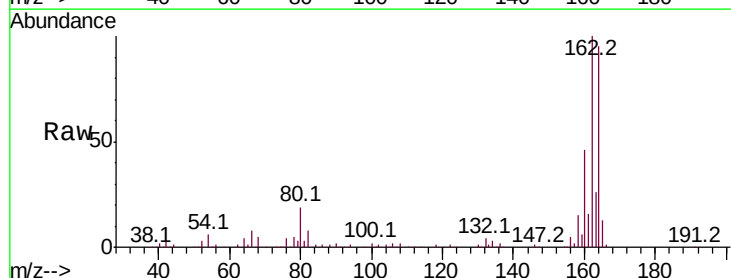
Instrument :
 BNA_G
 ClientSampled :
 PB112896BL

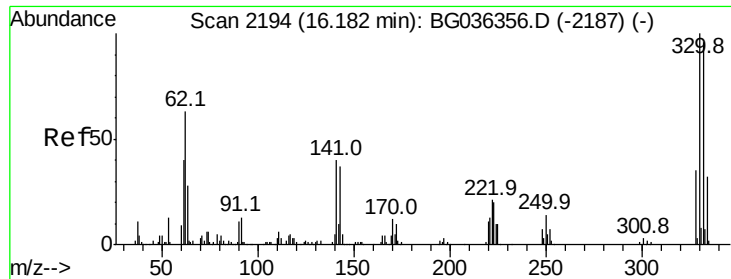
Tot Ion: 82 Resp: 364260
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.3 49.9
 54 55.4 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036752.D
 Acq: 17 Sep 2018 13:28

Tgt Ion:164 Resp: 147990
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.7 121.1
 160 48.2 35.3 52.9

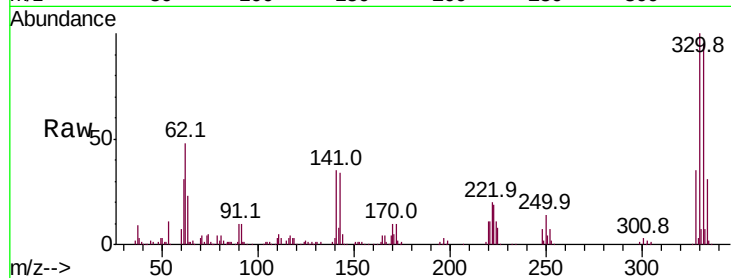




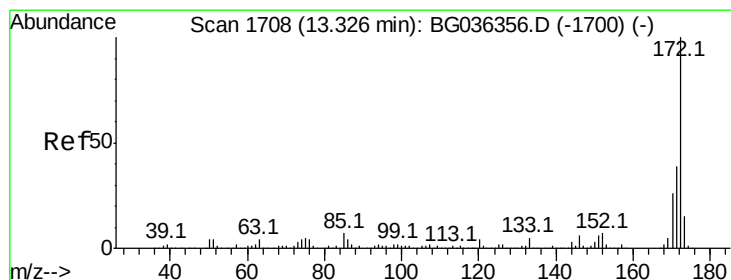
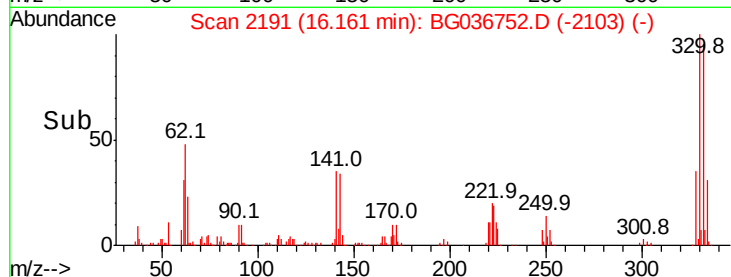
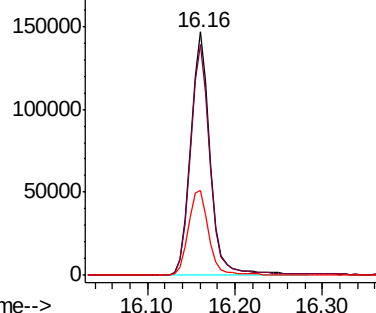
#41
 2,4,6-Tribromophenol
 Concen: 129.118 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036752.D
 Acq: 17 Sep 2018 13:28

Instrument :
 BNA_G
 ClientSampleId :
 PB112896BL

Tot Ion:330 Resp: 228004
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 36.7 30.7 46.1

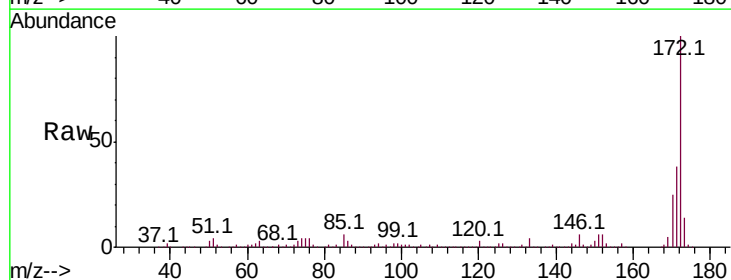


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

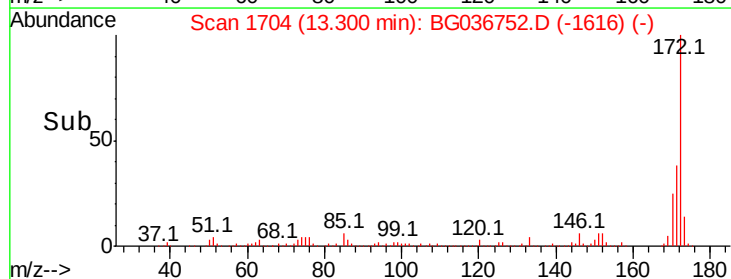
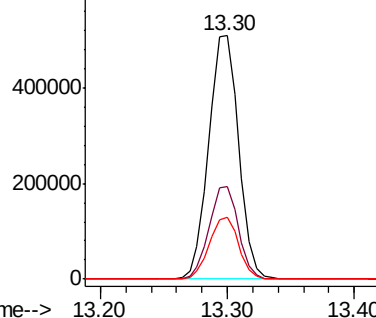


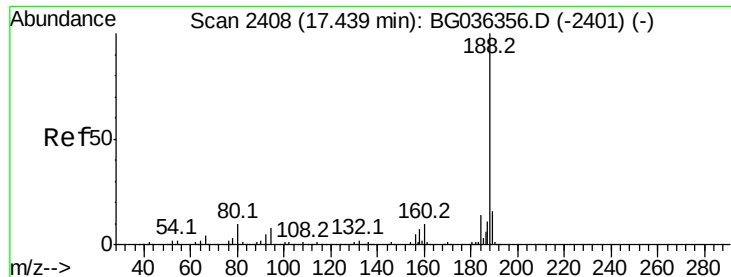
#44
 2-Fluorobiphenyl
 Concen: 80.280 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036752.D
 Acq: 17 Sep 2018 13:28

Tgt Ion:172 Resp: 832082
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.2 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

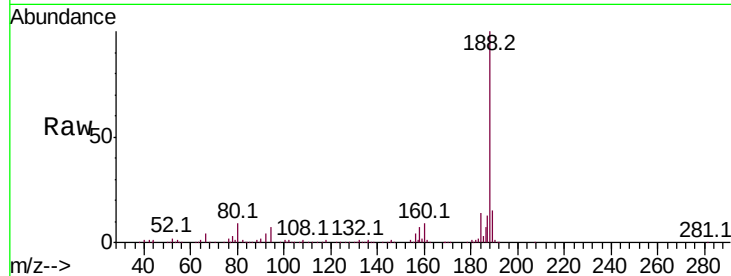




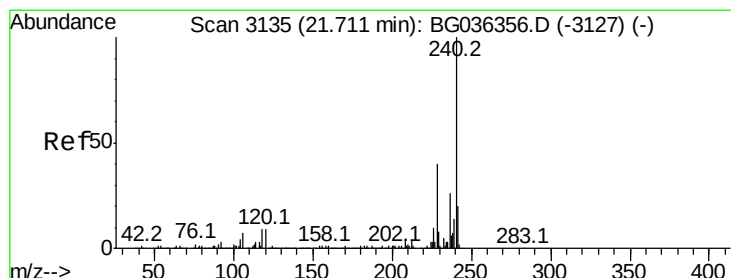
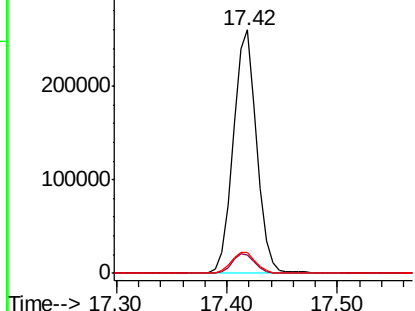
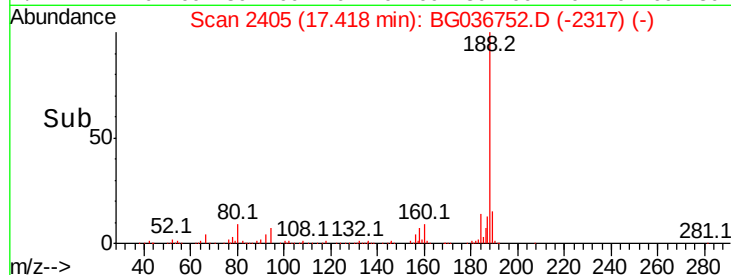
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036752.D
Acq: 17 Sep 2018 13:28

Instrument :
BNA_G
ClientSampleId :
PB112896BL

Tot Ion:188 Resp: 385700
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.5 8.1 12.1

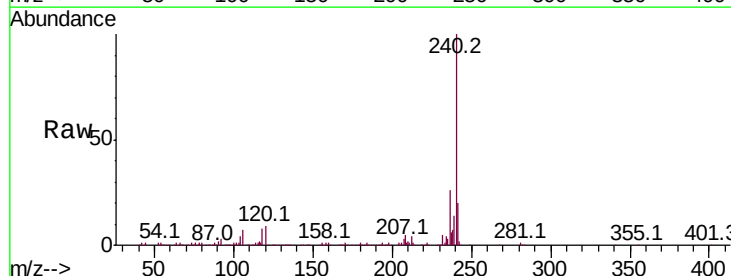


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

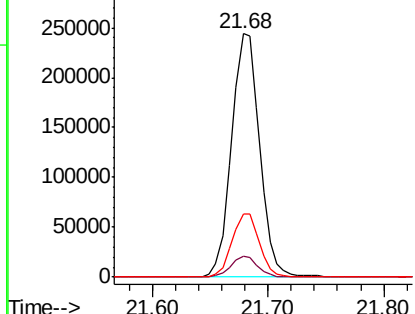
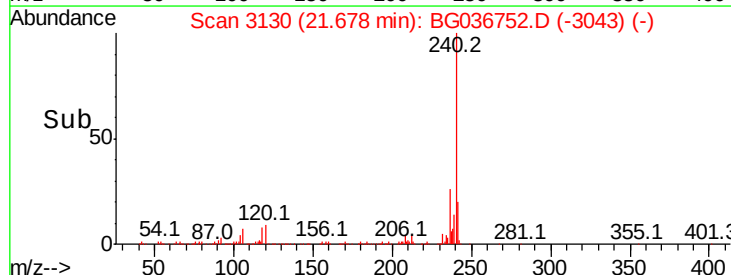


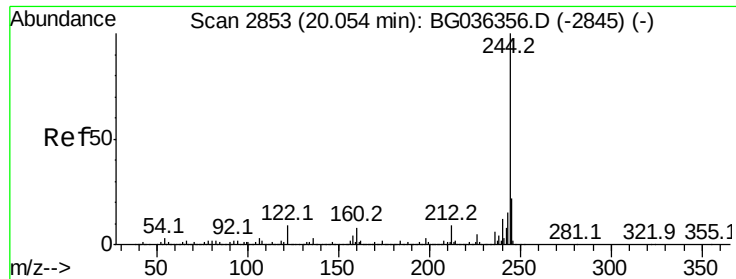
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036752.D
Acq: 17 Sep 2018 13:28

Tgt Ion:240 Resp: 411820
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.8 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: 83.309 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036752.D

Acq: 17 Sep 2018 13:28

Instrument :

BNA_G

ClientSampleId :

PB112896BL

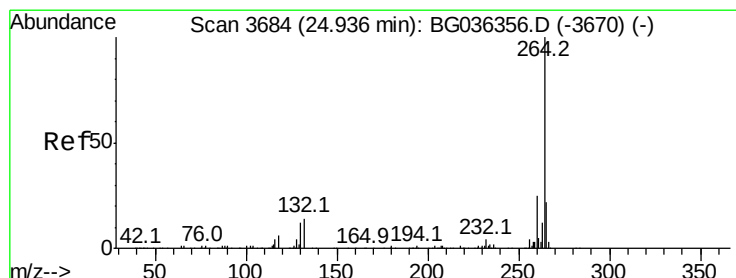
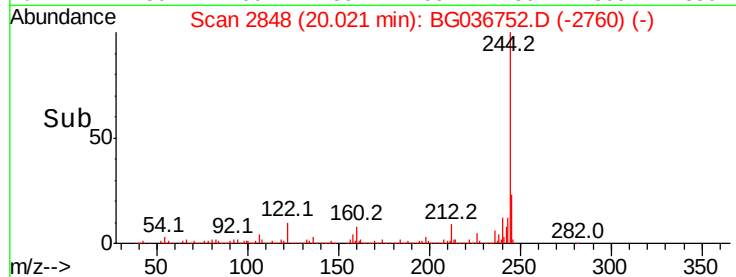
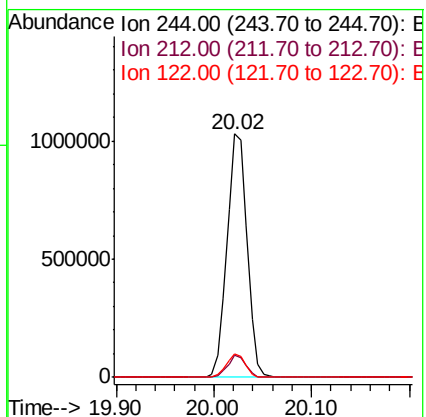
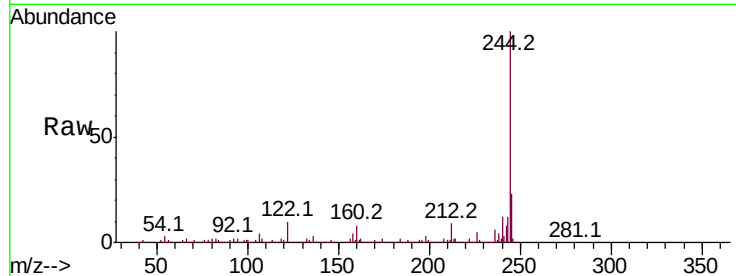
Tot Ion:244 Resp: 1467843

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.5	7.1	10.7

244 100

212 8.9 7.0 10.6

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036752.D

Acq: 17 Sep 2018 13:28

Tgt Ion:264 Resp: 399957

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.2	17.4	26.0

264 100

260 23.4 19.6 29.4

265 21.2 17.4 26.0

