

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036809.D
 Acq On : 19 Sep 2018 6:52
 Operator : JU/SJ
 Sample : J4949-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 153

Quant Time: Sep 19 07:41:50 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	53728	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	223787	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	138977	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	332645	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	356346	20.00	ng	-0.01
86) Perylene-d12	24.89	264	368563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331759	97.95	ng	0.00
7) Phenol-d6	7.20	99	439469	90.62	ng	-0.01
23) Nitrobenzene-d5	9.21	82	365473	88.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	212024	127.86	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	789252	81.09	ng	-0.01
78) Terphenyl-d14	20.02	244	1238507	81.24	ng	0.00

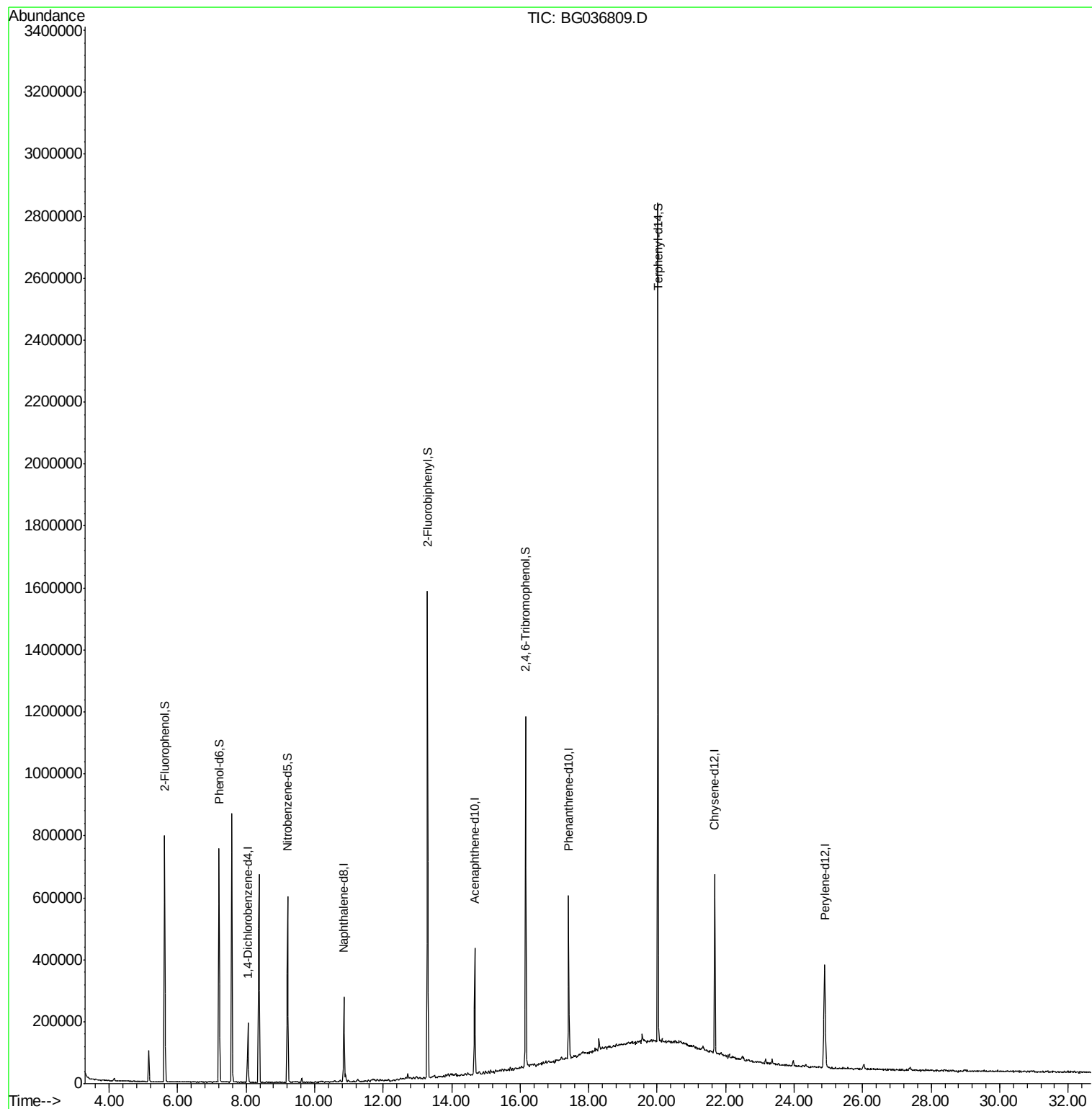
Target Compounds Qvalue

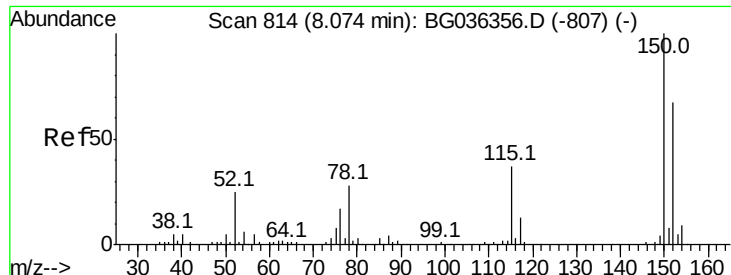
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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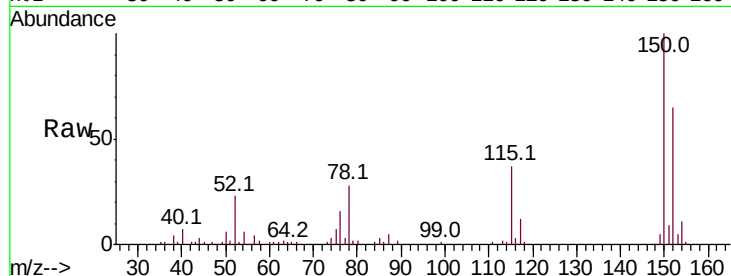


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :
 153

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	119.5	179.3
115	57.3	44.5	66.7

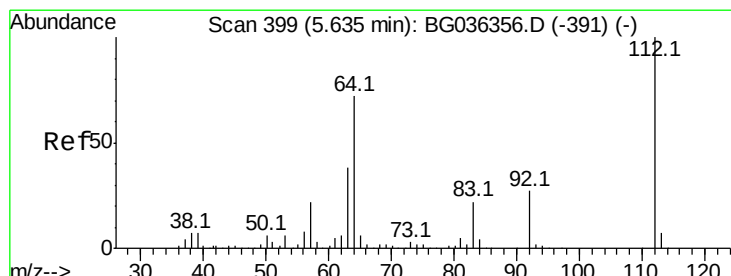
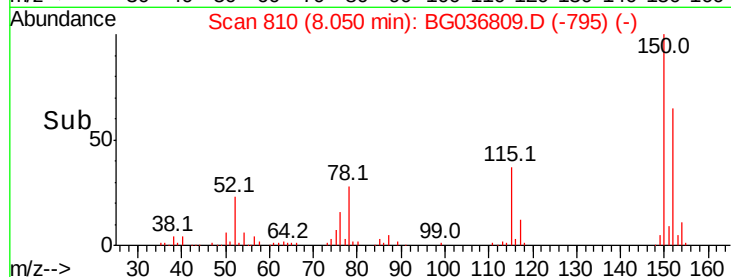
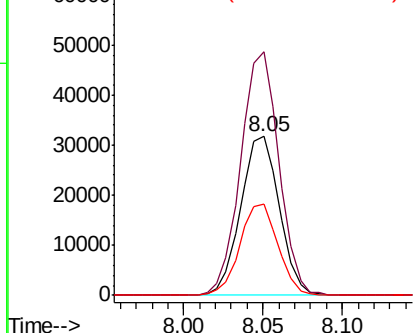


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

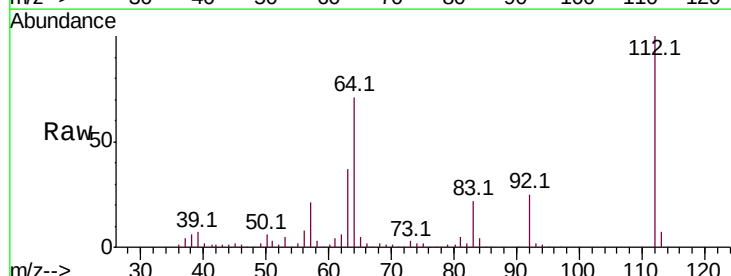
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 97.950 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	37.3	30.8	46.2

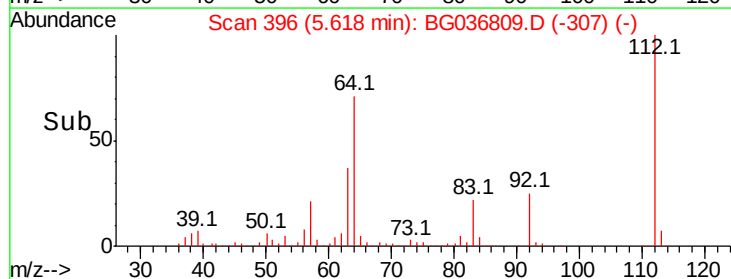
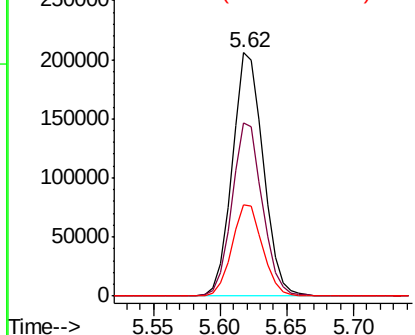


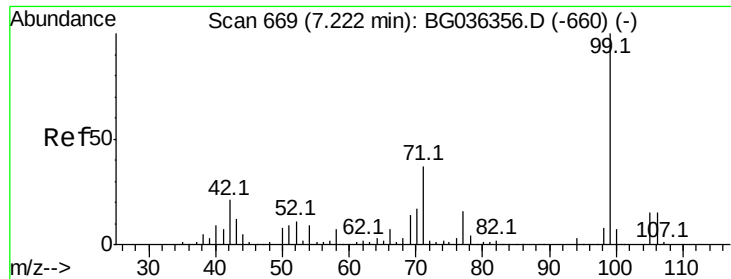
Abundance

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: 90.624 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

153

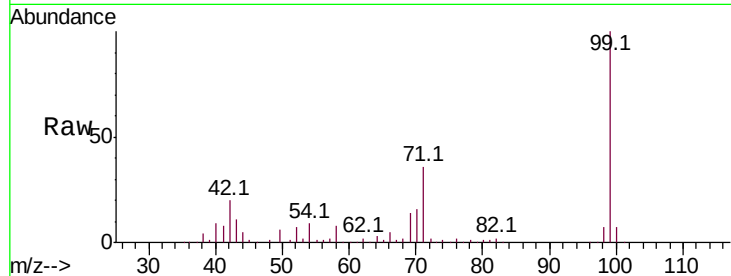
Tot Ion: 99 Resp: 439469

Ion Ratio Lower Upper

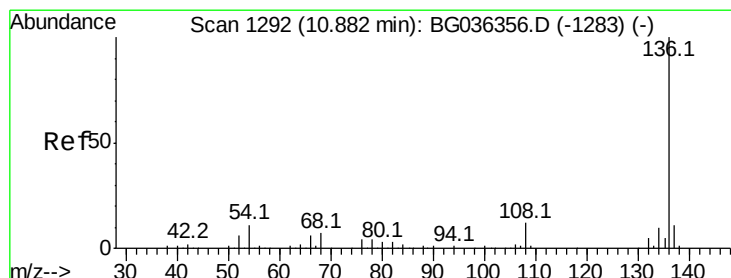
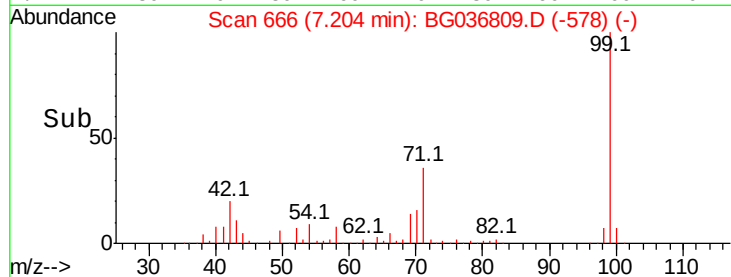
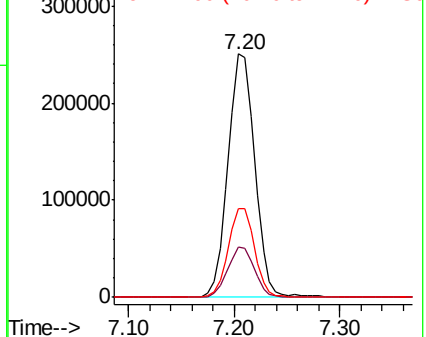
99 100

42 20.5 16.5 24.7

71 36.4 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. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Tgt Ion: 136 Resp: 223787

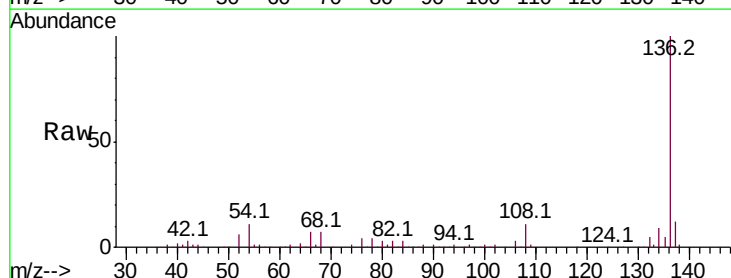
Ion Ratio Lower Upper

136 100

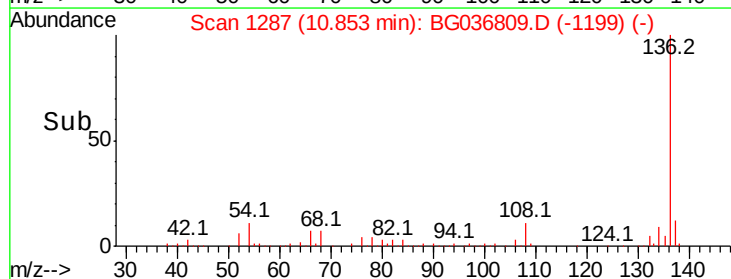
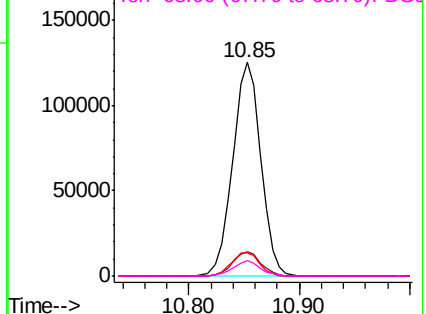
137 11.6 8.8 13.2

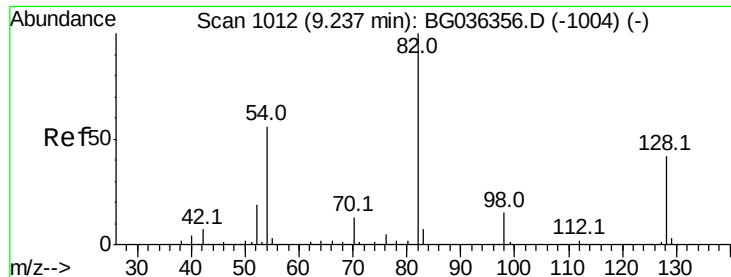
54 10.6 9.2 13.8

68 7.0 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

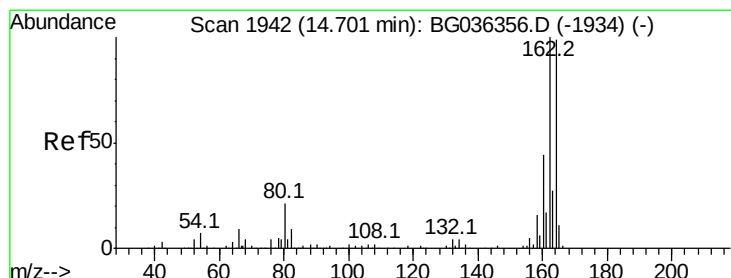
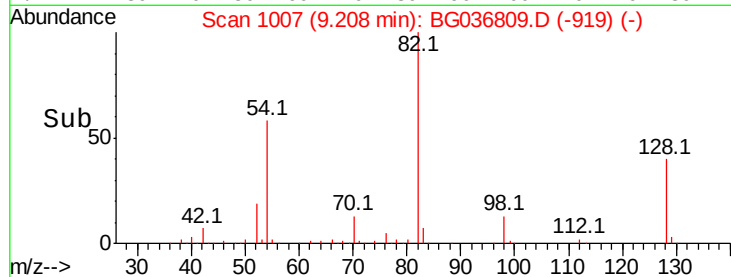
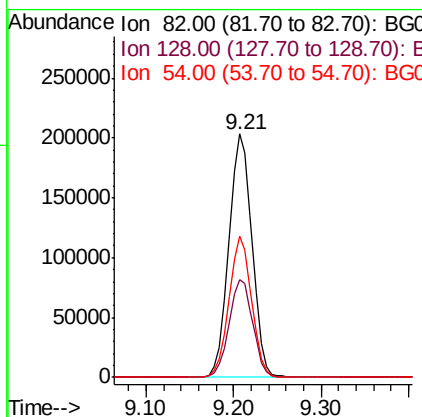
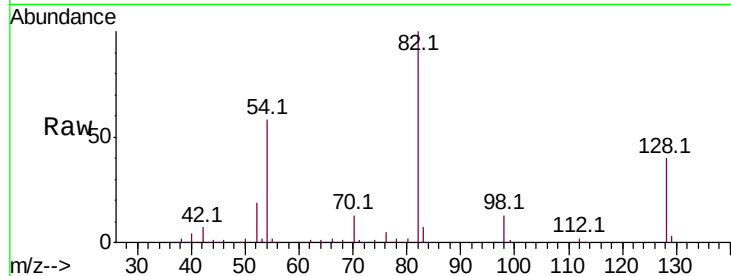




#23
 Nitrobenzene-d5
 Concen: 88.608 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

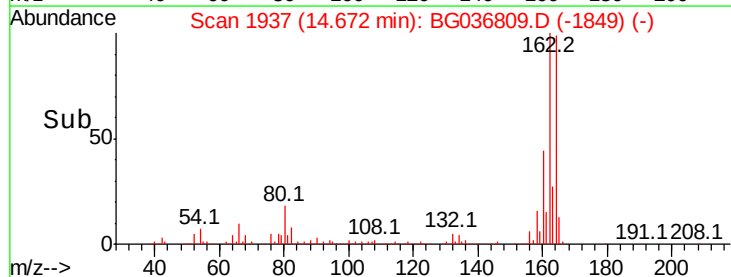
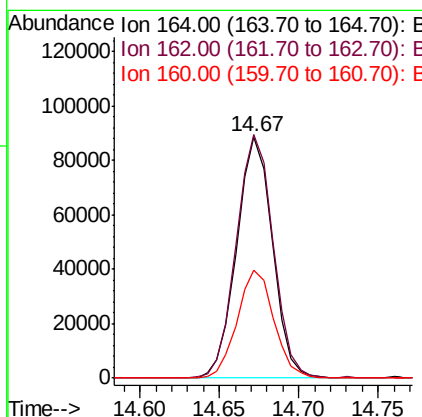
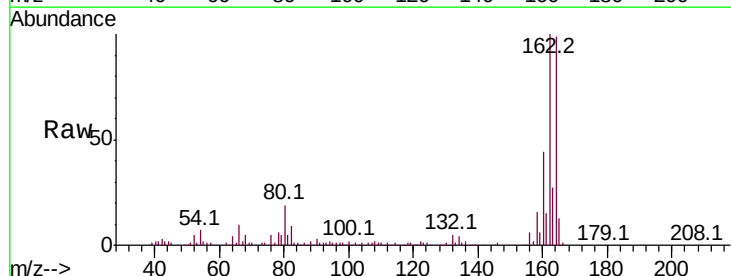
Instrument :
 BNA_G
 ClientSampled :
 153

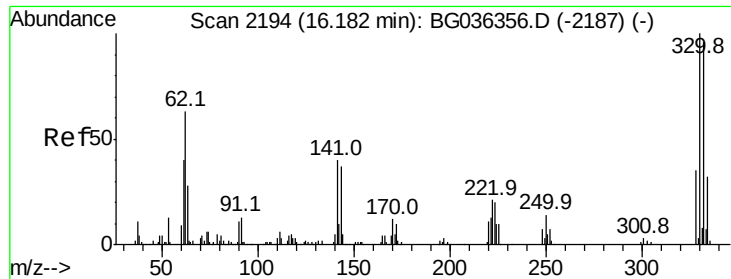
Tot Ion	82	Resp	365473
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.3	49.9
54	57.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Tgt Ion	164	Resp	138977
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.7	121.1
160	44.8	35.3	52.9

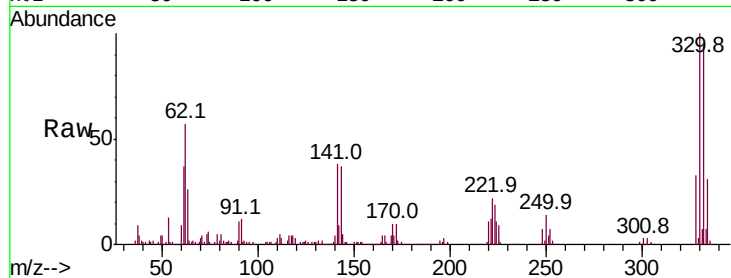




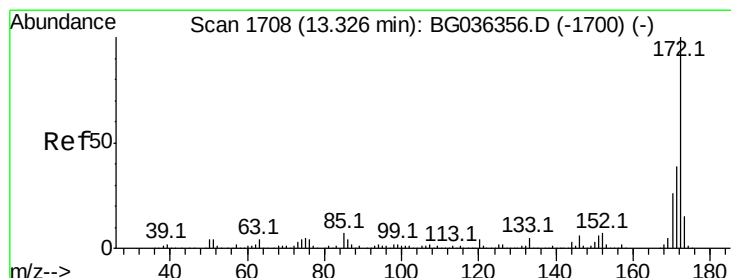
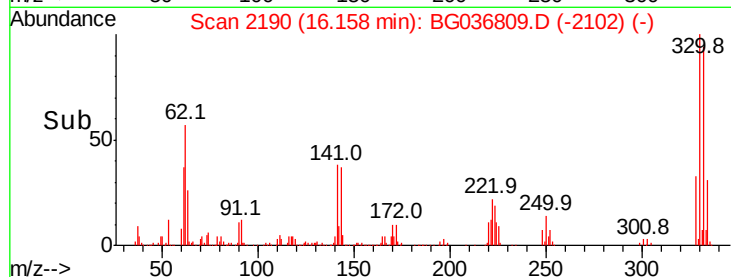
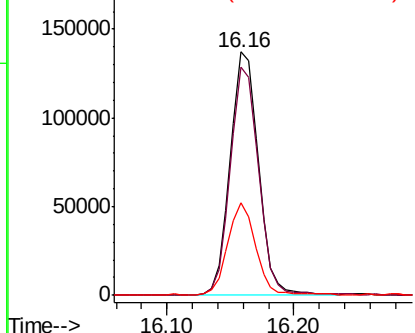
#41
 2,4,6-Tribromophenol
 Concen: 127.856 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :
 153

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.4	113.2
141	37.1	30.7	46.1

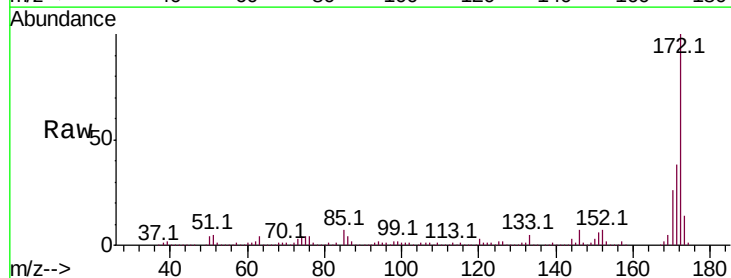


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

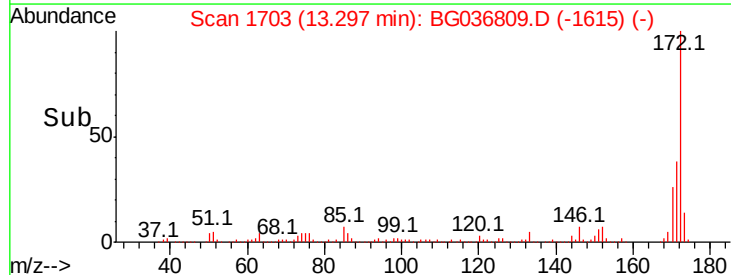
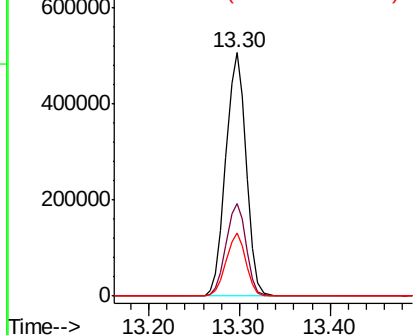


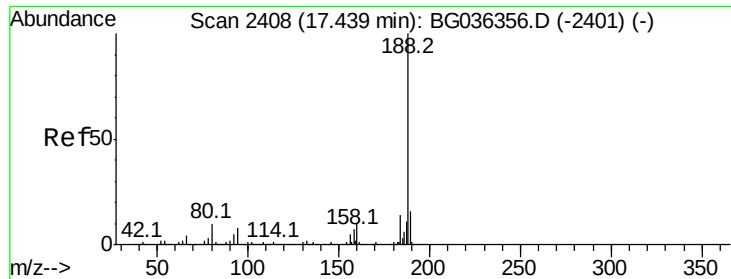
#44
 2-Fluorobiphenyl
 Concen: 81.086 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.7	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# 2404

Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

153

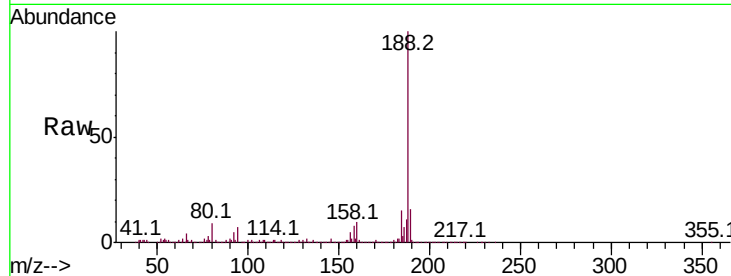
Tot Ion:188 Resp: 332645

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

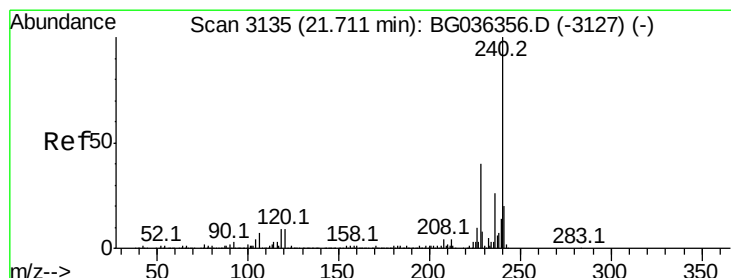
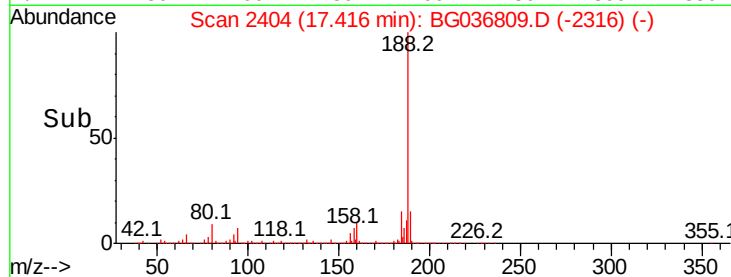
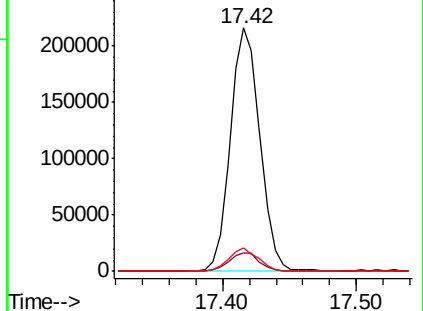
80 9.5 8.1 12.1



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. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

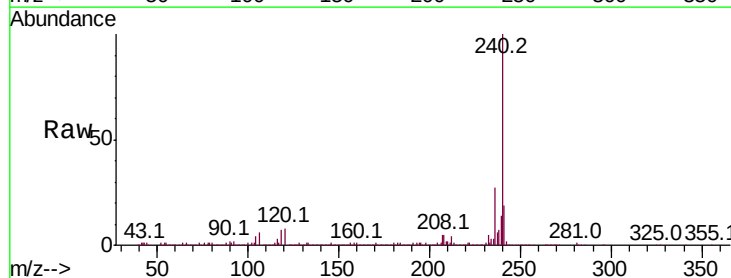
Tgt Ion:240 Resp: 356346

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

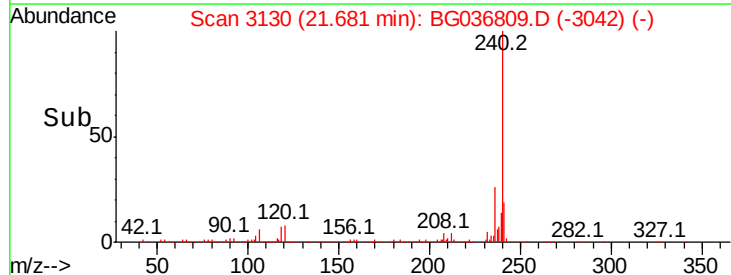
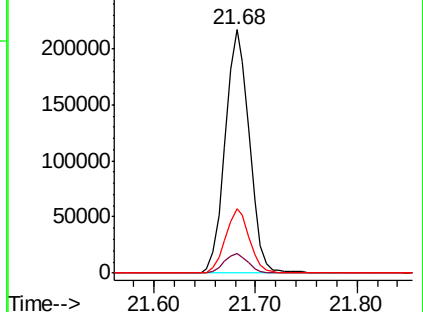
236 26.5 21.2 31.8

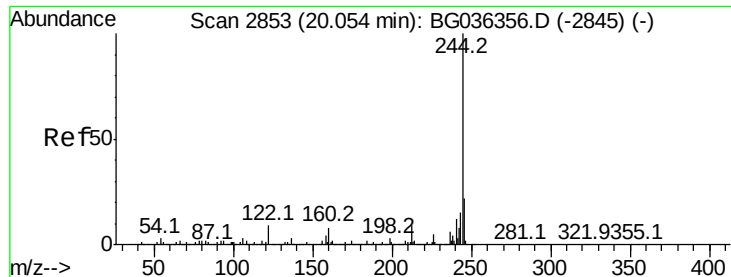


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.236 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Instrument :

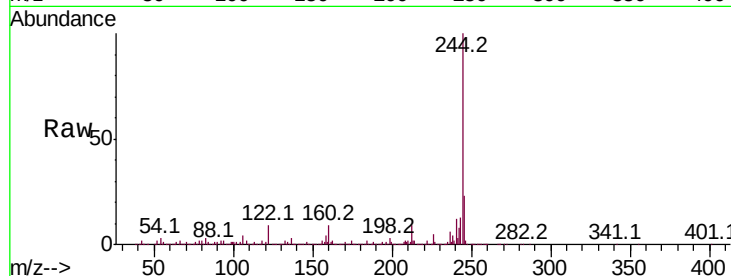
BNA_G

ClientSampleId :

153

Tot Ion:244 Resp: 1238507

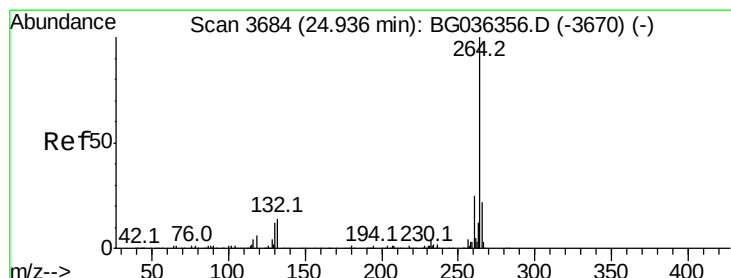
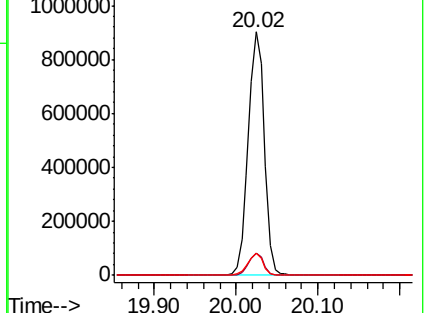
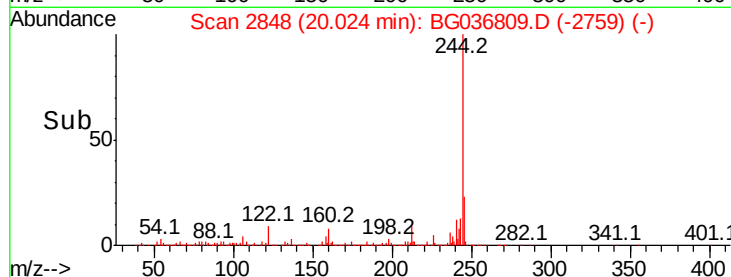
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.0	7.1	10.7



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: 24.89 min Scan# 3676

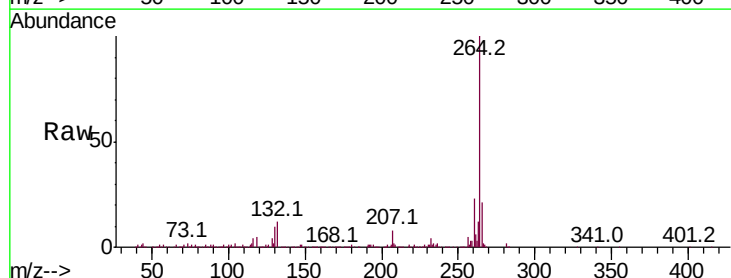
Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Tgt Ion:264 Resp: 368563

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.4	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

