

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036798.D
 Acq On : 18 Sep 2018 23:03
 Operator : JU/SJ
 Sample : J4922-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-6

Quant Time: Sep 19 07:16:10 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	49576	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	213711	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144522	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	375230	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	400176	20.00	ng	-0.01
86) Perylene-d12	24.89	264	412831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	167808	53.69	ng	0.00
7) Phenol-d6	7.20	99	153026	34.20	ng	-0.02
23) Nitrobenzene-d5	9.21	82	346524	87.98	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	259448	150.45	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	758224	74.91	ng	-0.01
78) Terphenyl-d14	20.03	244	1399102	81.72	ng	0.00

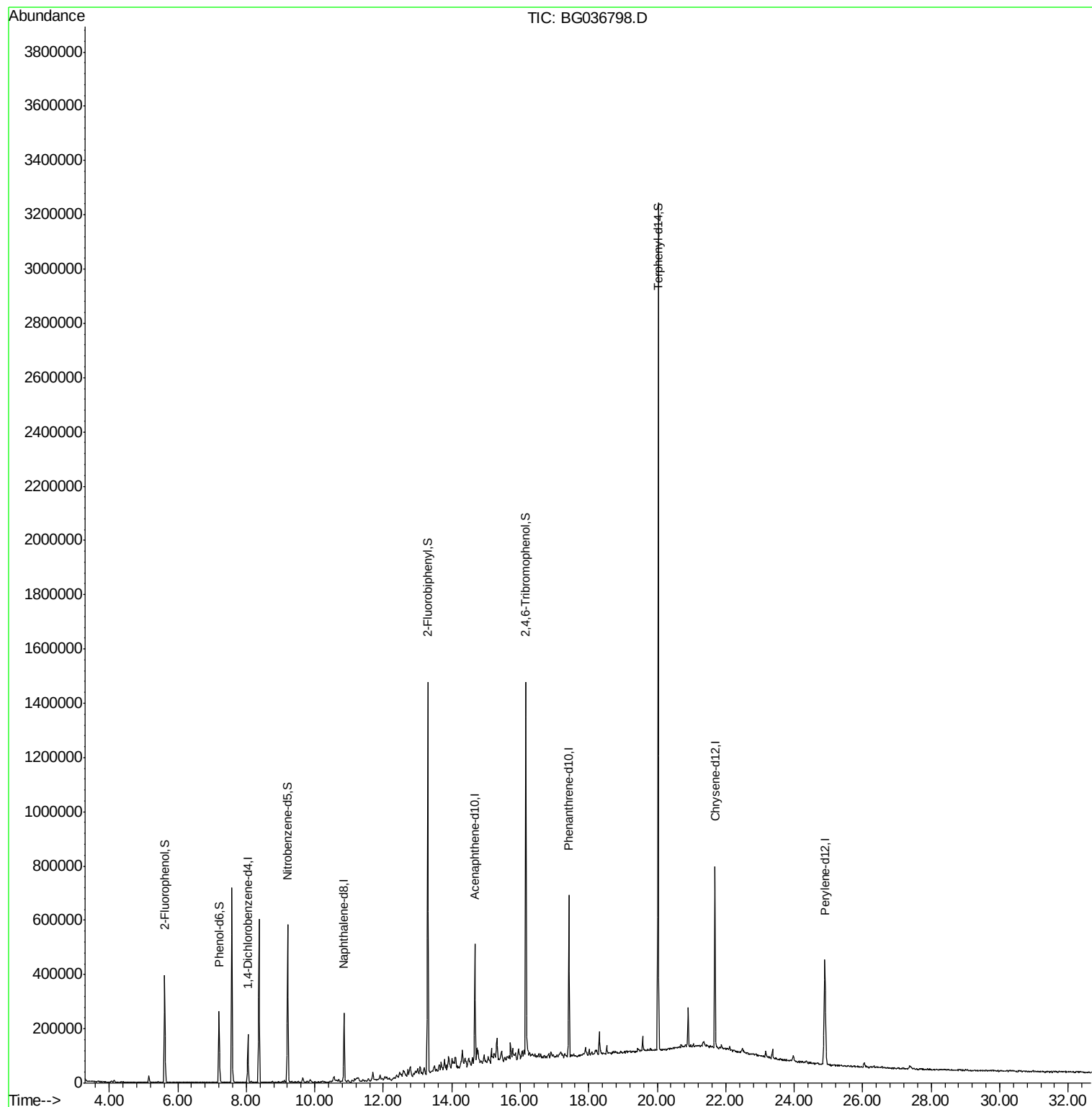
Target Compounds Qvalue

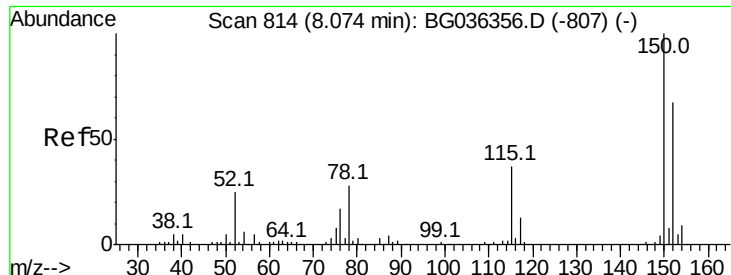
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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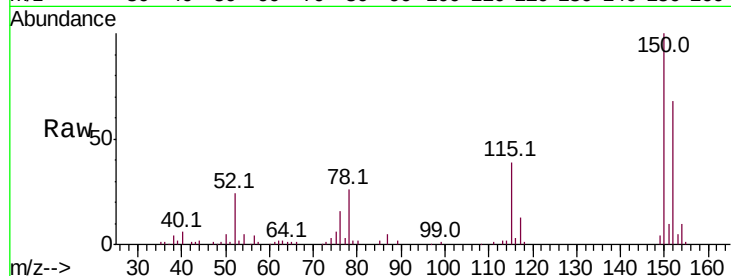


#1

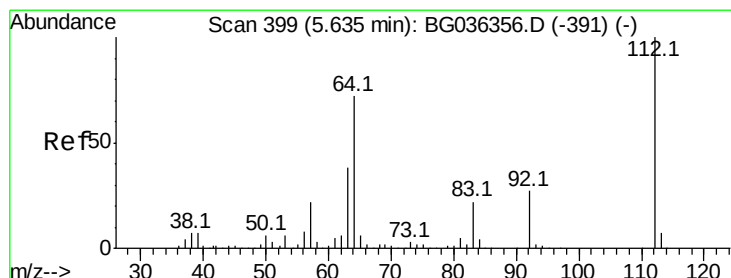
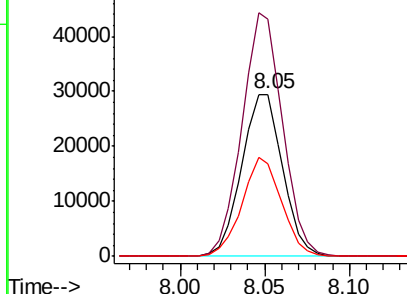
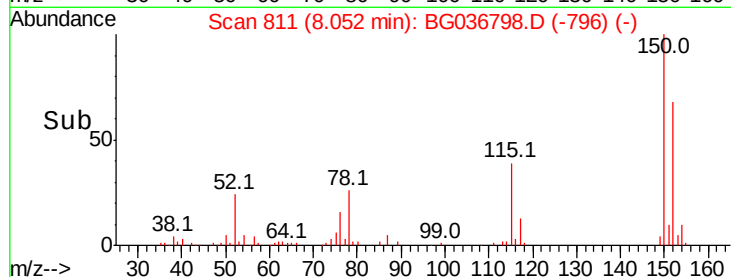
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Instrument :
 BNA_G
 ClientSampled :
 PZ-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.5	179.3
115	57.3	44.5	66.7



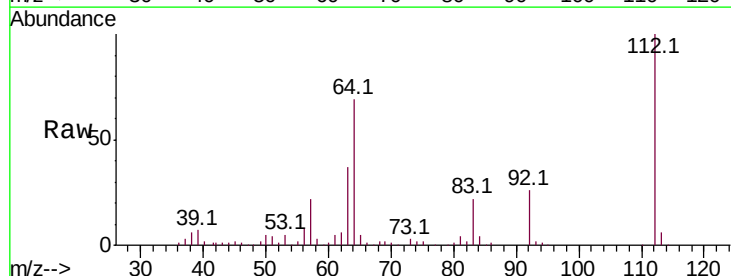
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



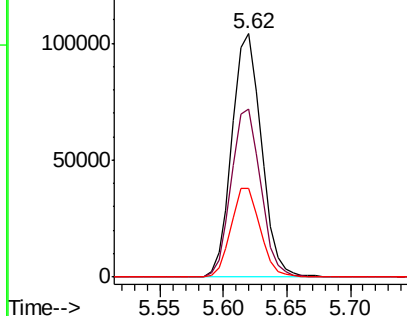
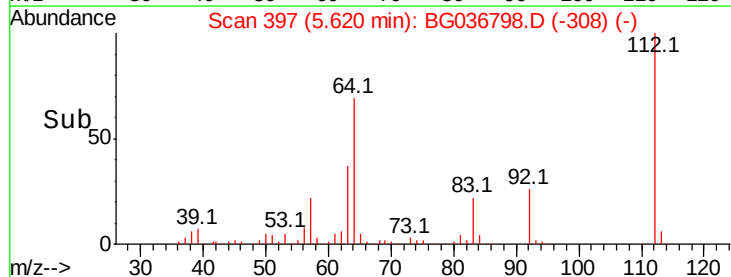
#5

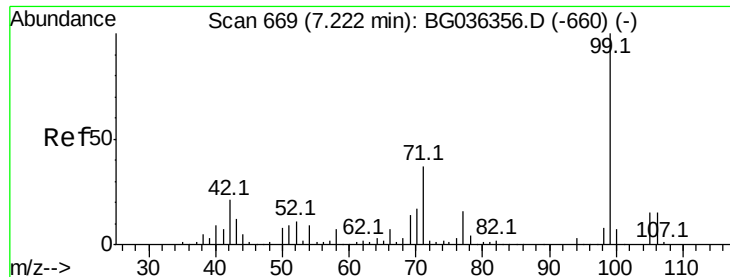
2-Fluorophenol
 Concen: 53.694 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	36.7	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: 34.199 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PZ-6

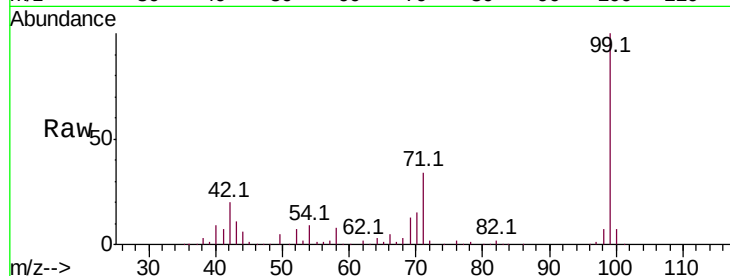
Tot Ion: 99 Resp: 153026

Ion Ratio Lower Upper

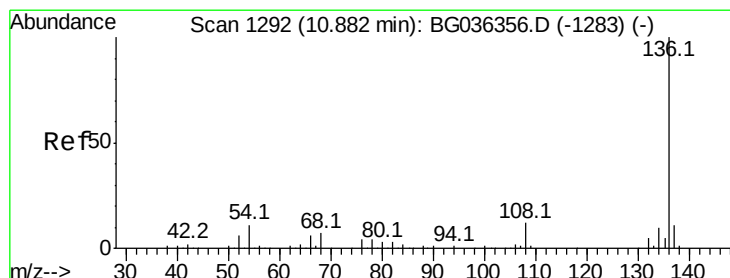
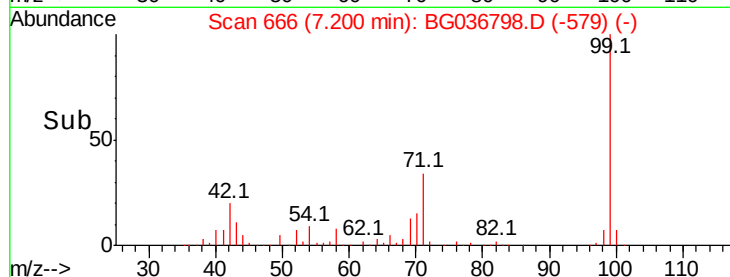
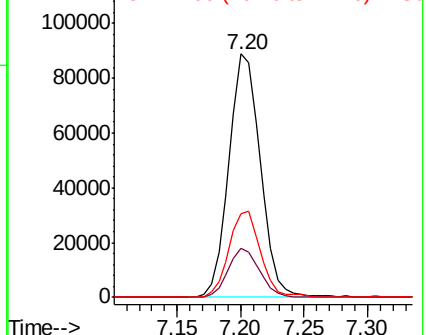
99 100

42 20.4 16.5 24.7

71 34.3 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# 1288

Delta R.T. -0.01 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

Tgt Ion: 136 Resp: 213711

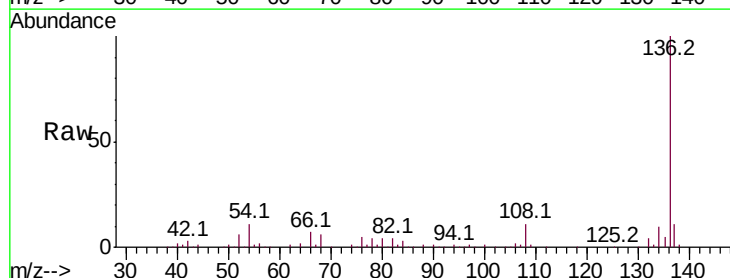
Ion Ratio Lower Upper

136 100

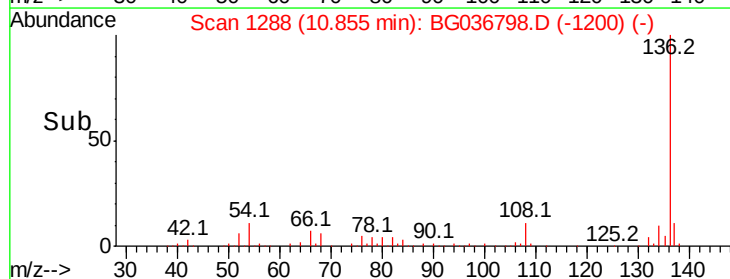
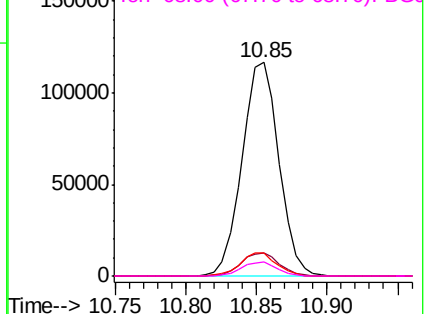
137 11.0 8.8 13.2

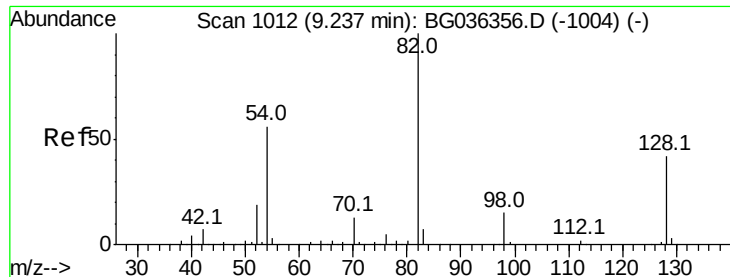
54 11.1 9.2 13.8

68 6.4 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

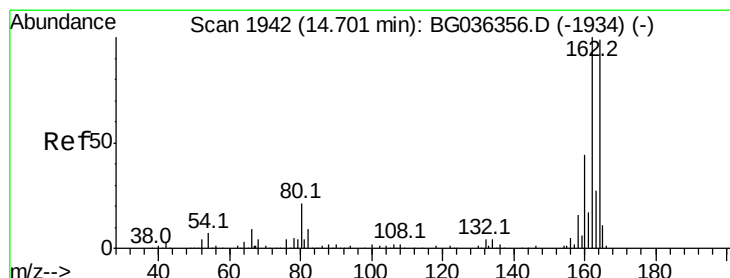
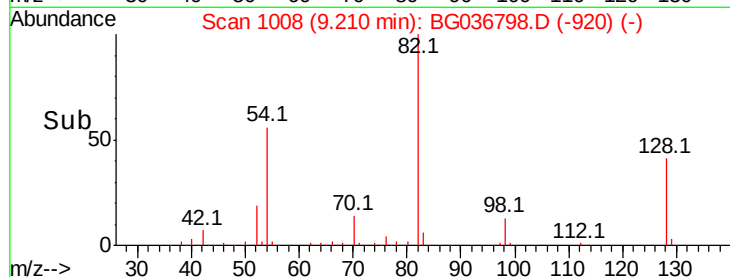
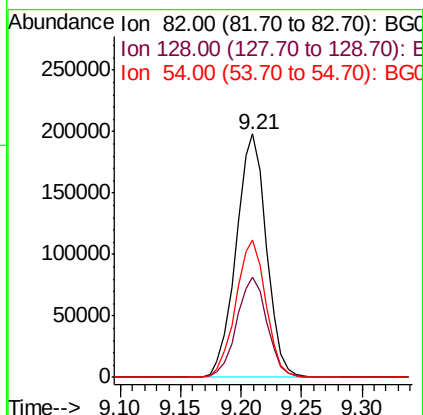
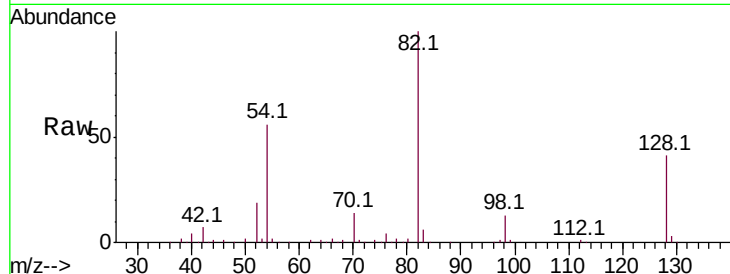




#23
Nitrobenzene-d5
Concen: 87.975 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036798.D
Acq: 18 Sep 2018 23:03

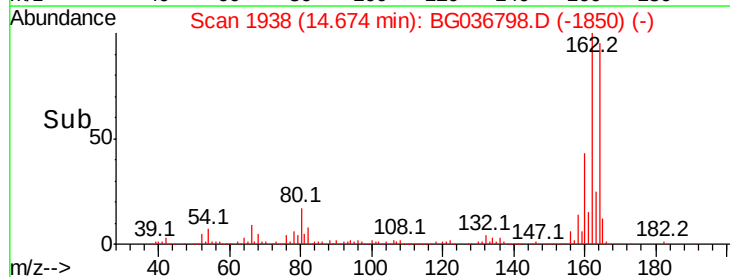
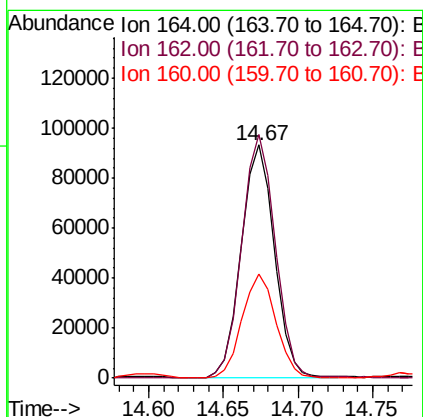
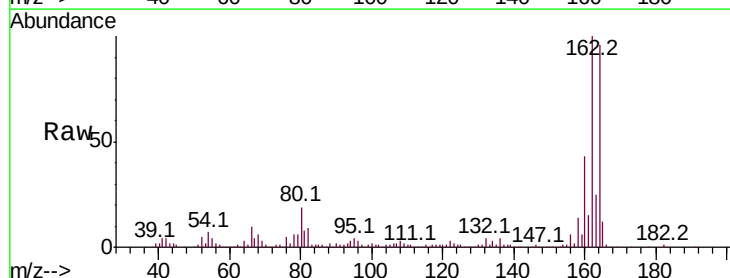
Instrument :
BNA_G
ClientSampleId :
PZ-6

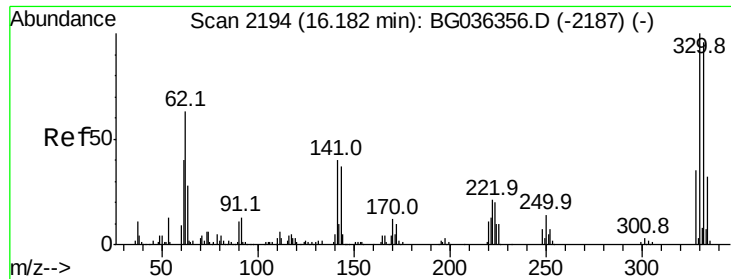
Tot Ion: 82 Resp: 346524
Ion Ratio Lower Upper
82 100
128 41.1 33.3 49.9
54 56.2 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036798.D
Acq: 18 Sep 2018 23:03

Tgt Ion: 164 Resp: 144522
Ion Ratio Lower Upper
164 100
162 104.5 80.7 121.1
160 44.8 35.3 52.9

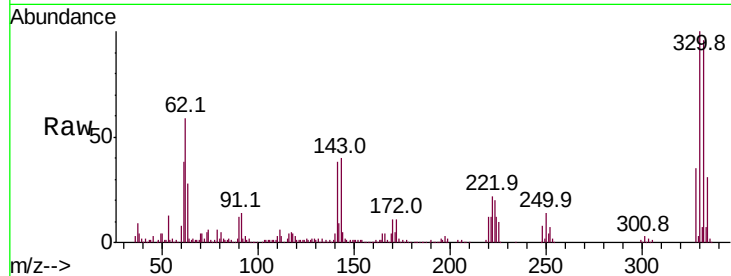




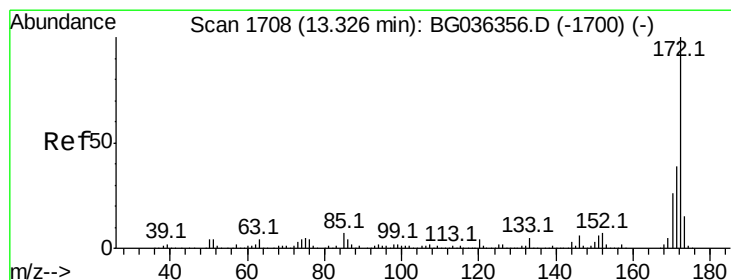
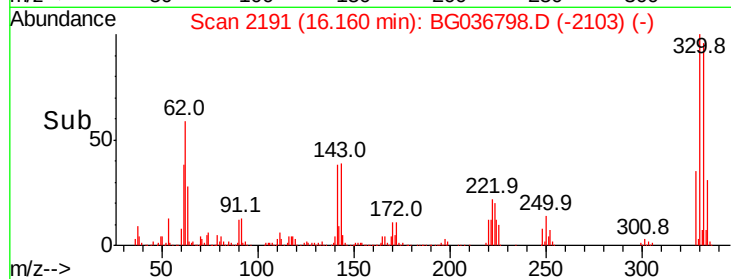
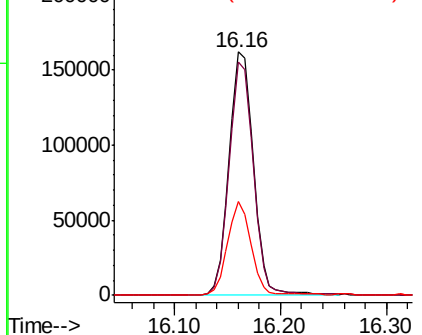
#41
 2,4,6-Tribromophenol
 Concen: 150.451 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Instrument :
 BNA_G
 ClientSampled :
 PZ-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	36.7	30.7	46.1

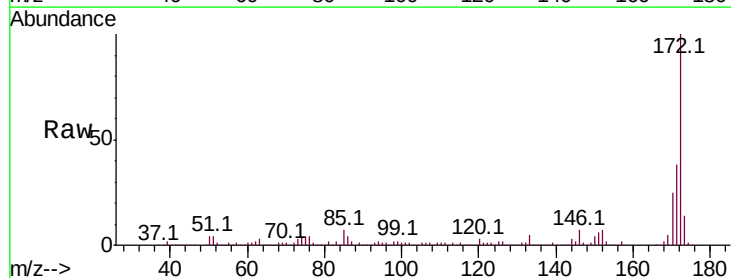


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

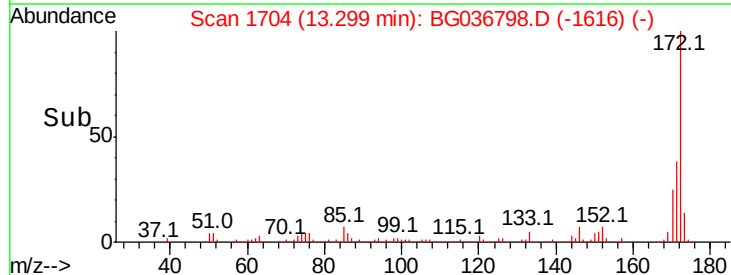
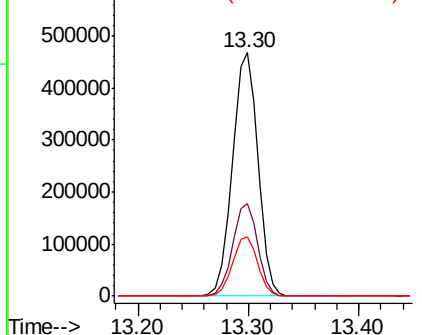


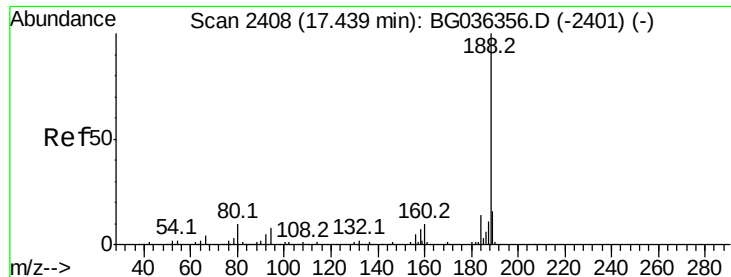
#44
 2-Fluorobiphenyl
 Concen: 74.909 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036798.D
 Acq: 18 Sep 2018 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.6	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: BG036798.D

Acq: 18 Sep 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PZ-6

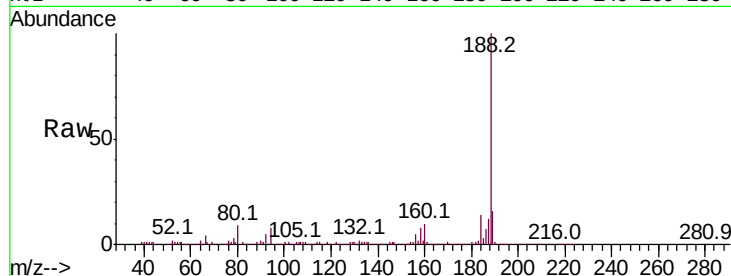
Tot Ion:188 Resp: 375230

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

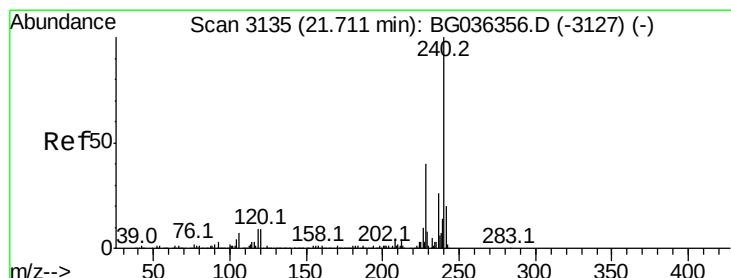
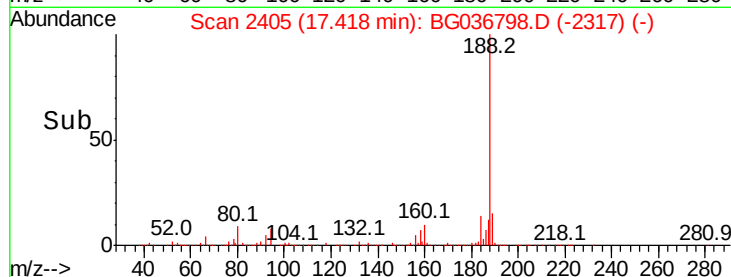
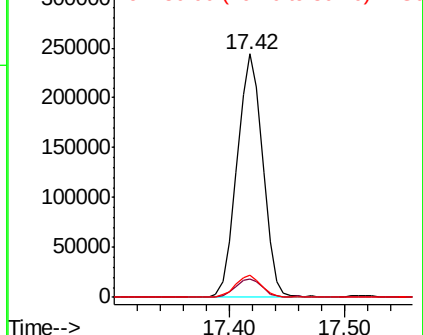
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

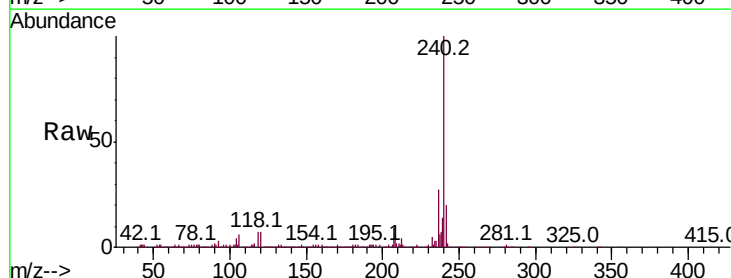
Tgt Ion:240 Resp: 400176

Ion Ratio Lower Upper

240 100

120 7.2 6.9 10.3

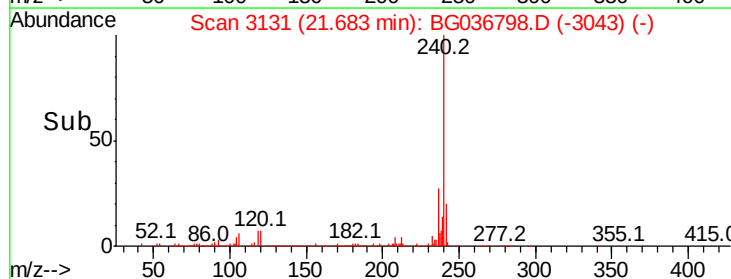
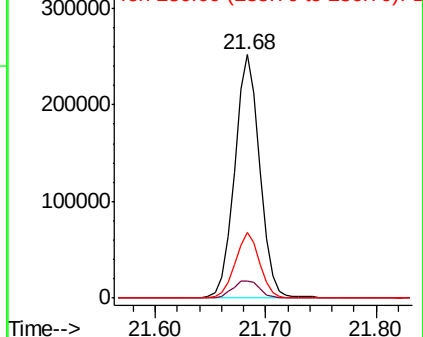
236 26.8 21.2 31.8

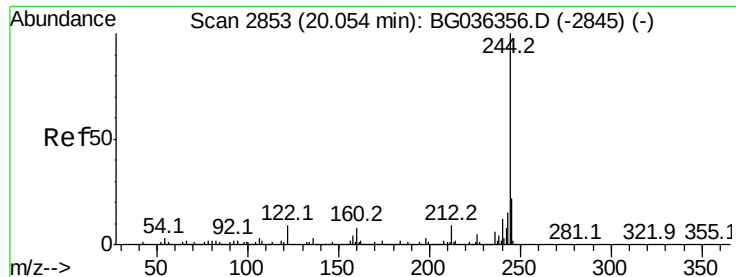


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.719 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

Instrument :

BNA_G

ClientSampled :

PZ-6

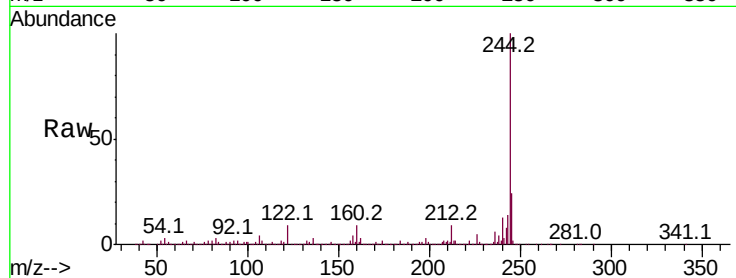
Tot Ion:244 Resp: 1399102

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

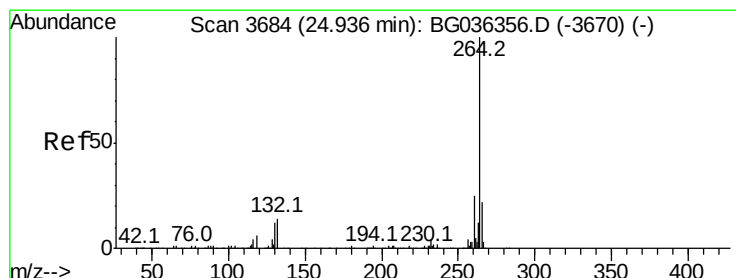
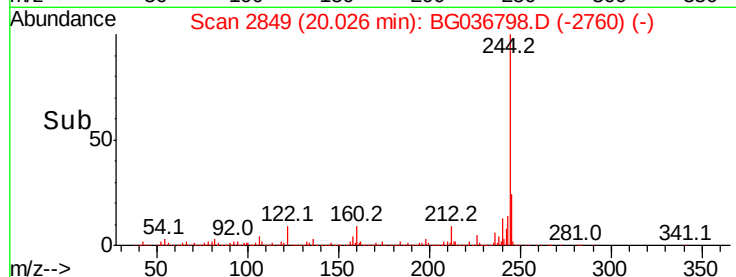
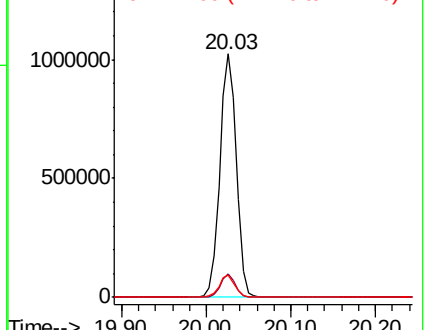
122 9.0 7.1 10.7



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# 3677

Delta R.T. -0.01 min

Lab File: BG036798.D

Acq: 18 Sep 2018 23:03

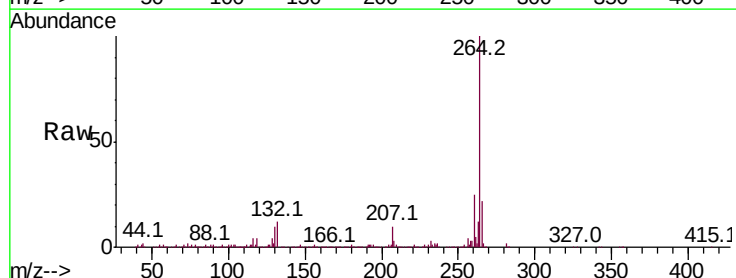
Tgt Ion:264 Resp: 412831

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 22.3 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

