

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036507.D
 Acq On : 31 Aug 2018 15:51
 Operator : JU/SJ
 Sample : PB112500BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112500BL

Quant Time: Aug 31 17:45:26 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	8.06	152	62834	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	254055	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	165860	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	440864	20.00	ng	0.00
75) Chrysene-d12	21.69	240	474364	20.00	ng	0.00
86) Perylene-d12	24.90	264	445138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	468412	118.25	ng	0.00
7) Phenol-d6	7.22	99	644182	113.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	375778	80.25	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	228985	115.70	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	921897	79.36	ng	0.00
78) Terphenyl-d14	20.04	244	1612207	79.44	ng	0.00

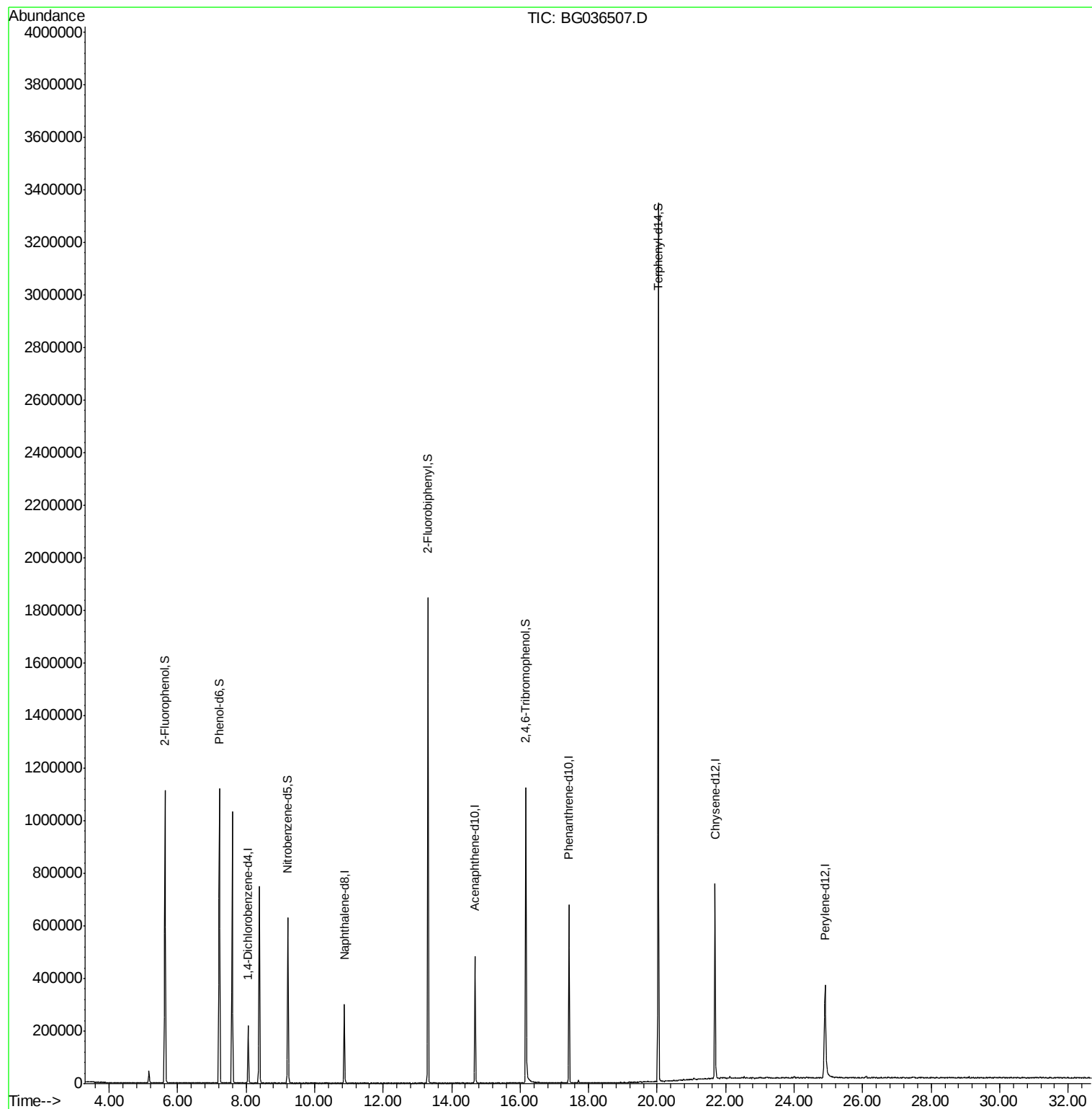
Target Compounds Qvalue

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

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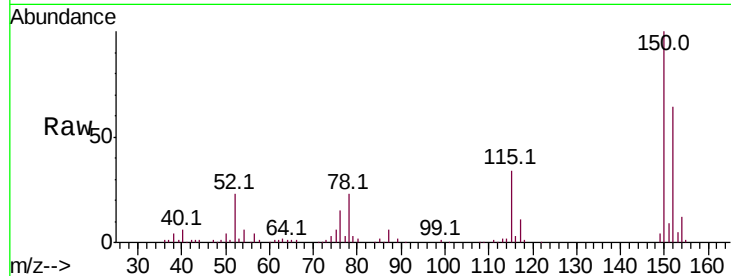


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036507.D
 Acq: 31 Aug 2018 15:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112500BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	119.5	179.3
115	53.3	44.5	66.7

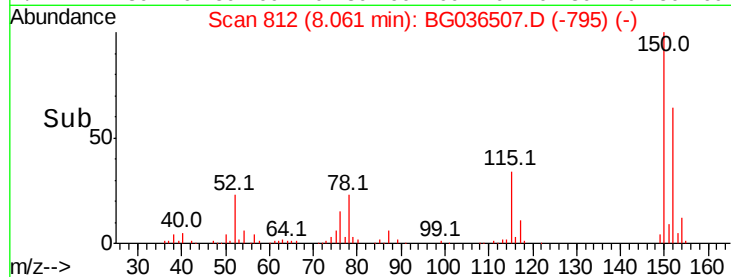
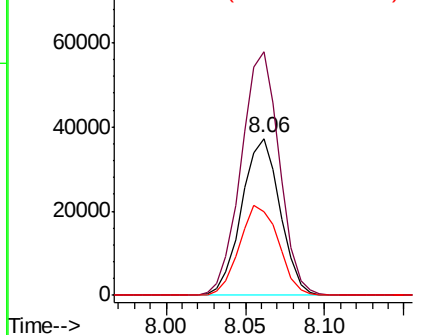


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

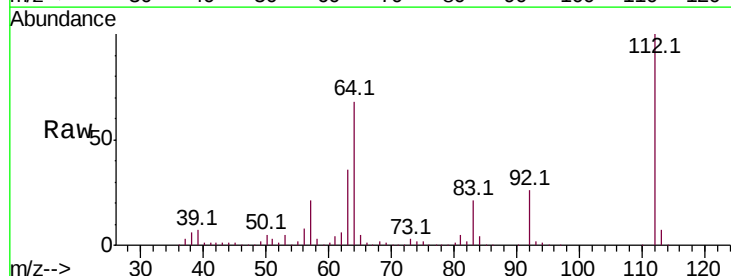
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.254 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036507.D
 Acq: 31 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	36.0	30.8	46.2

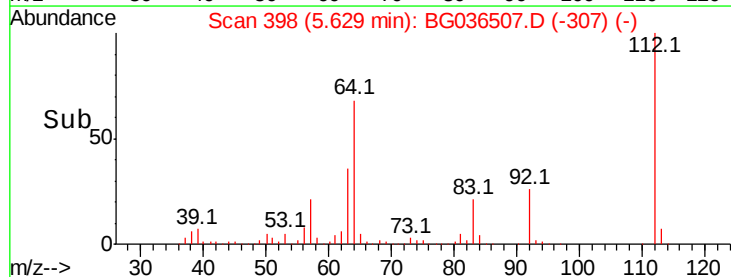
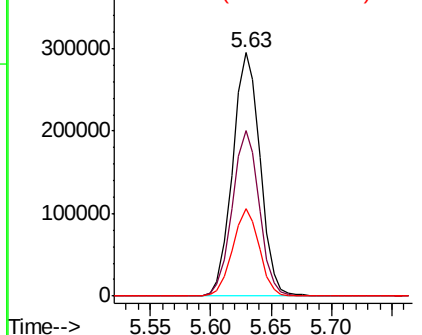


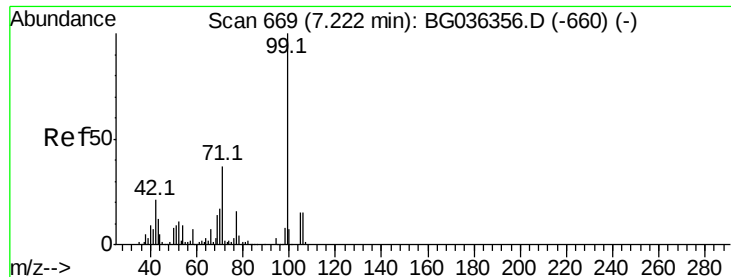
Abundance

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: 113.587 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036507.D

Acq: 31 Aug 2018 15:51

Instrument :

BNA_G

ClientSampleId :

PB112500BL

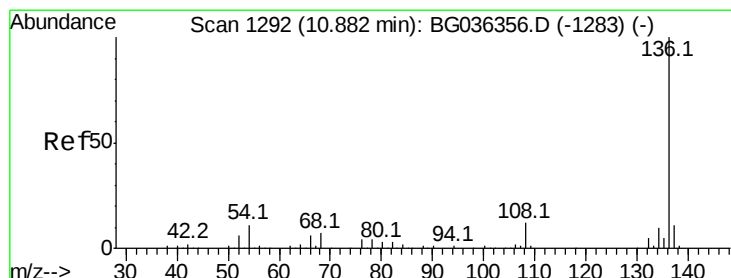
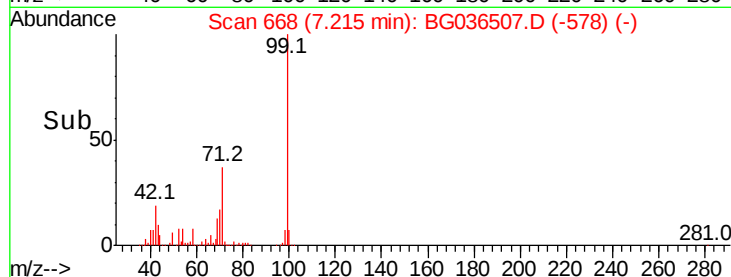
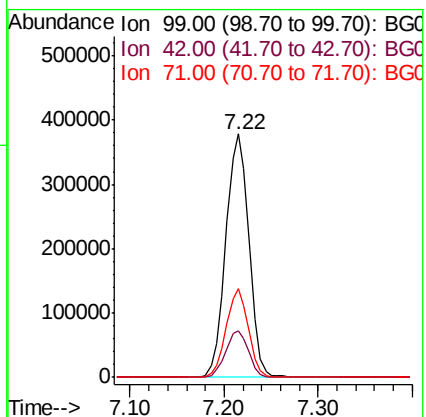
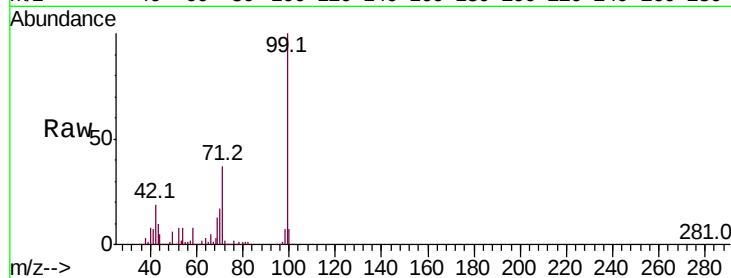
Tot Ion: 99 Resp: 644182

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 36.6 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036507.D

Acq: 31 Aug 2018 15:51

Tgt Ion: 136 Resp: 254055

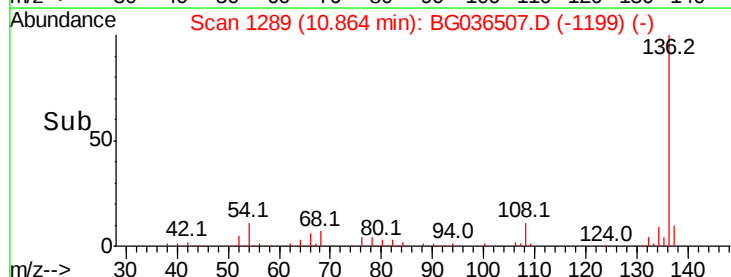
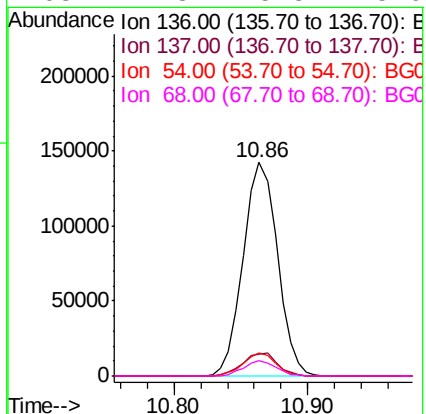
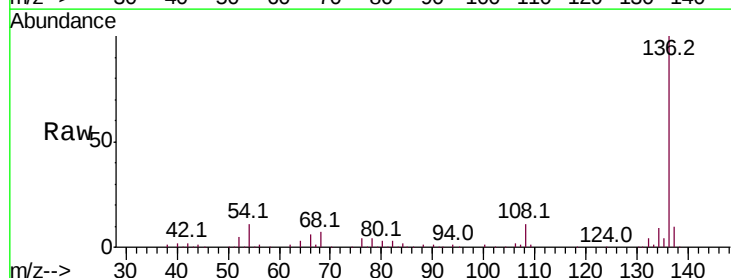
Ion Ratio Lower Upper

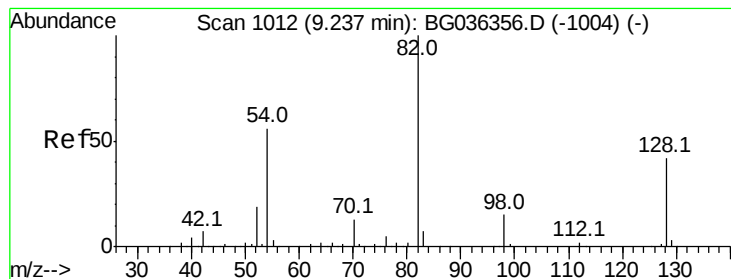
136 100

137 10.3 8.8 13.2

54 10.5 9.2 13.8

68 7.3 5.8 8.6





#23

Nitrobenzene-d5

Concen: 80.252 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG036507.D

Acq: 31 Aug 2018 15:51

Instrument :

BNA_G

ClientSampleId :

PB112500BL

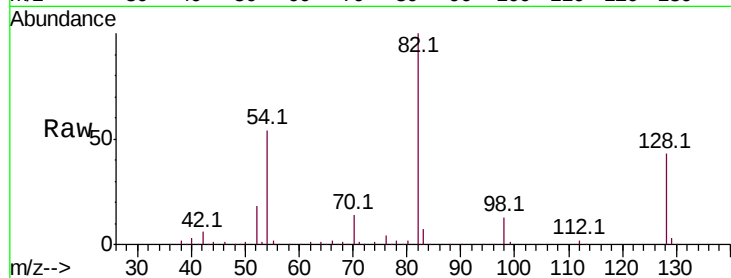
Tot Ion: 82 Resp: 375778

Ion Ratio Lower Upper

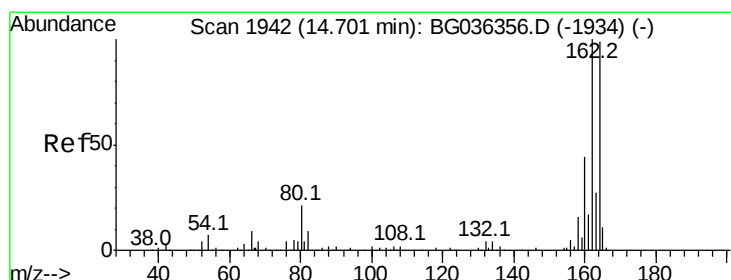
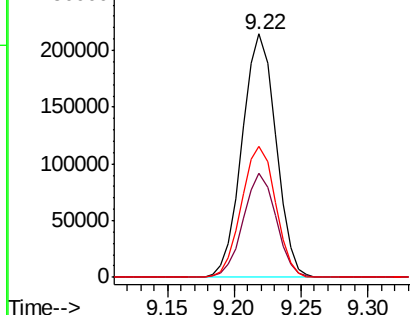
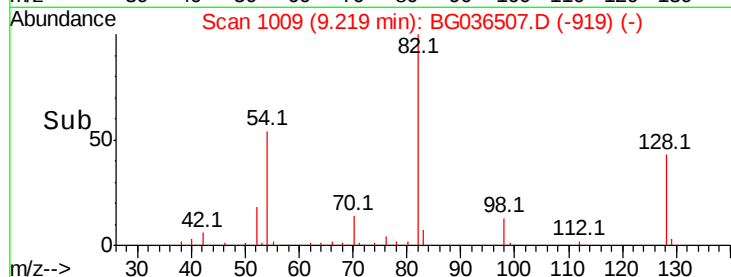
82 100

128 43.0 33.3 49.9

54 54.0 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036507.D

Acq: 31 Aug 2018 15:51

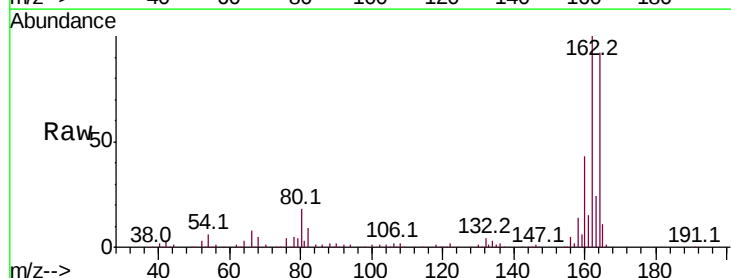
Tgt Ion:164 Resp: 165860

Ion Ratio Lower Upper

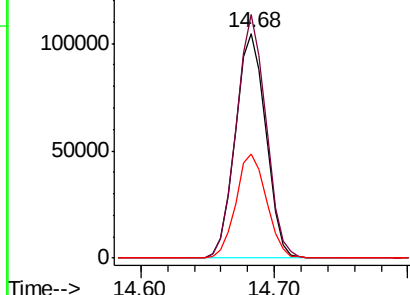
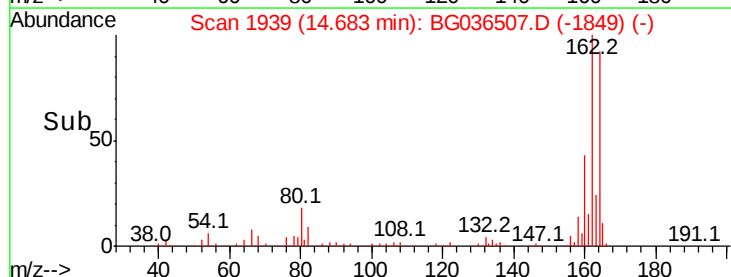
164 100

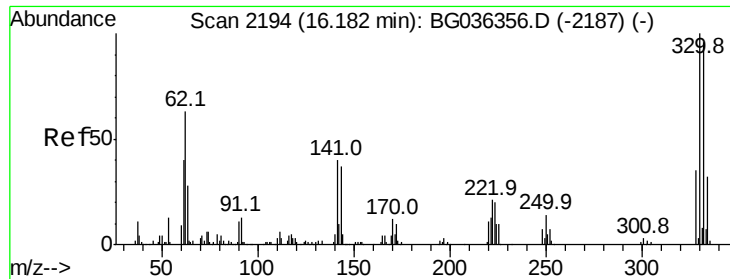
162 108.2 80.7 121.1

160 46.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

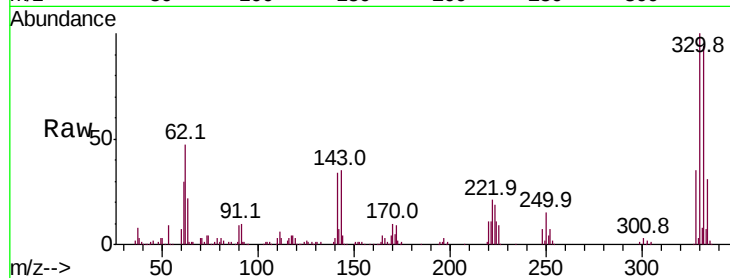




#41
 2,4,6-Tribromophenol
 Concen: 115.703 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036507.D
 Acq: 31 Aug 2018 15:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112500BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.2
141	35.5	30.7	46.1

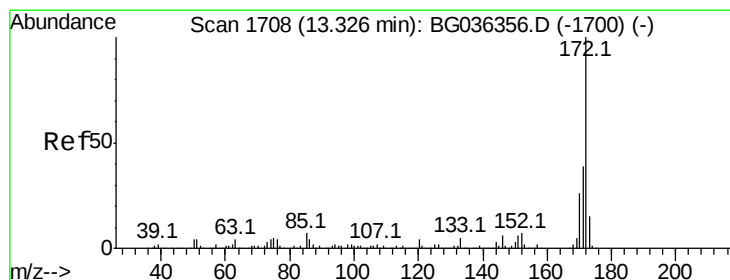
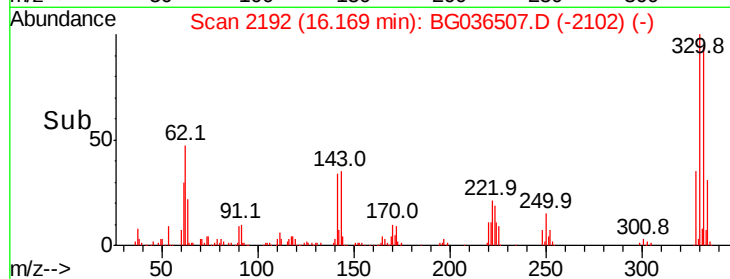
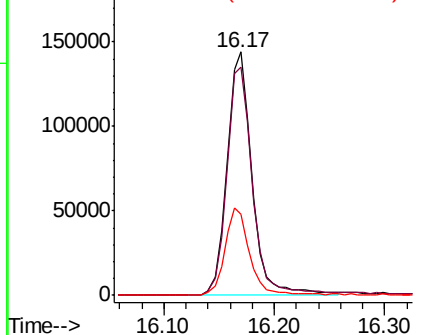


Abundance

Ion 329.80 (329.50 to 330.50): E

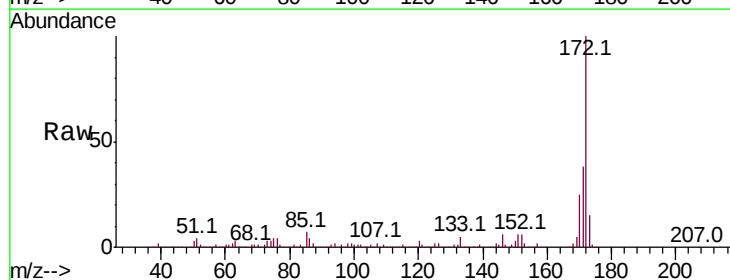
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.362 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036507.D
 Acq: 31 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.4	21.0	31.6

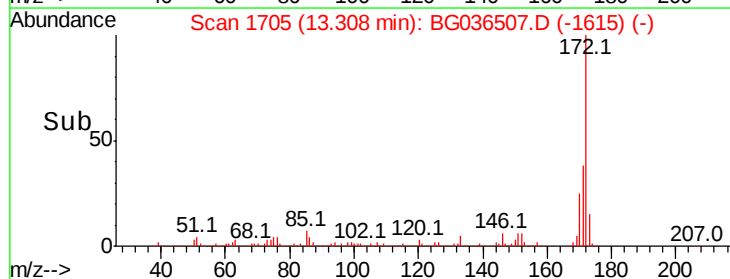
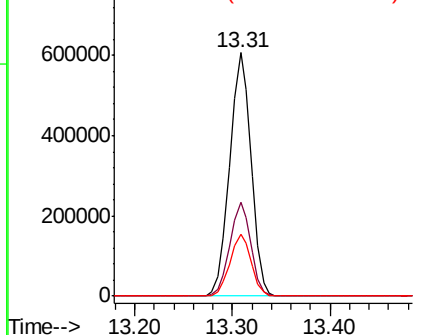


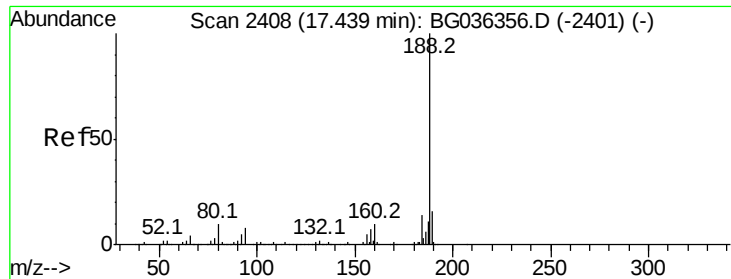
Abundance

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

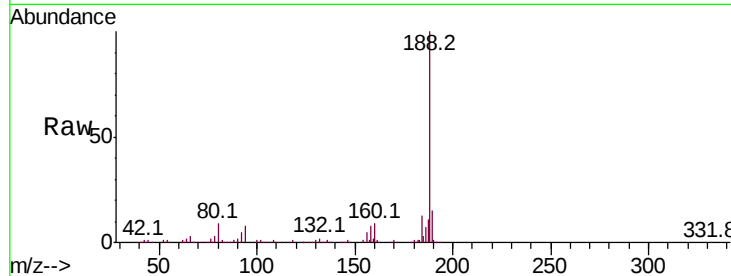




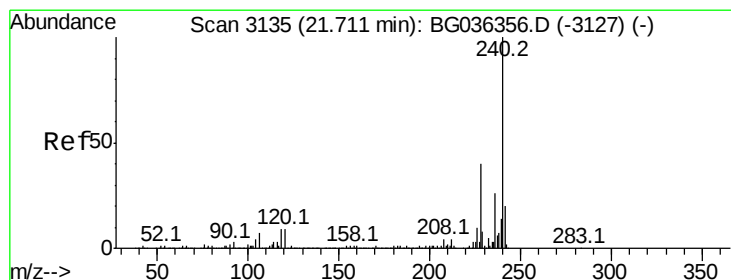
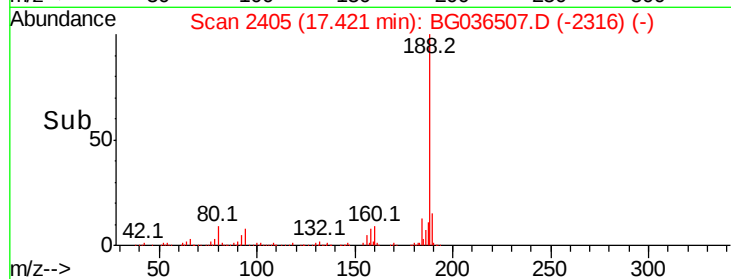
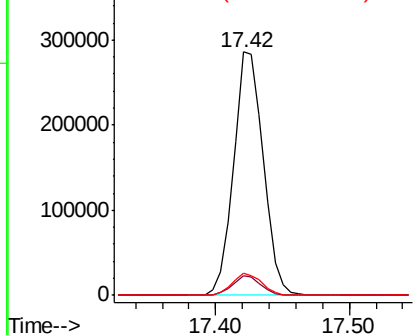
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036507.D
Acq: 31 Aug 2018 15:51

Instrument :
BNA_G
ClientSampleId :
PB112500BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.4	8.1	12.1

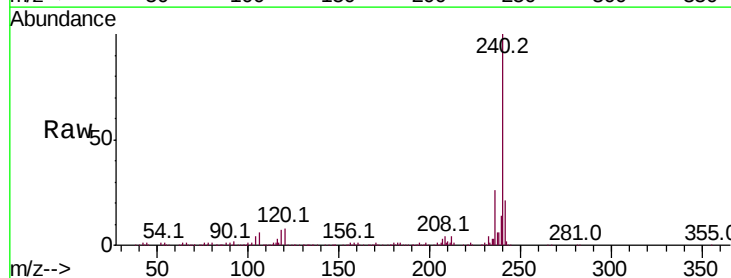


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

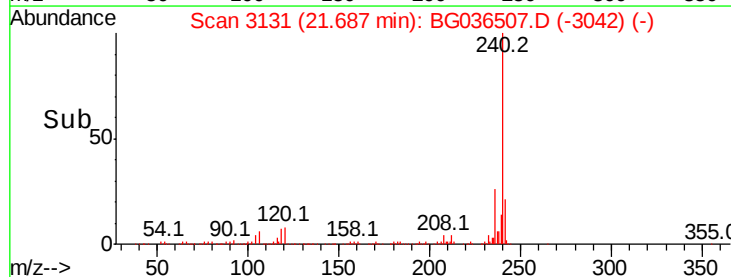
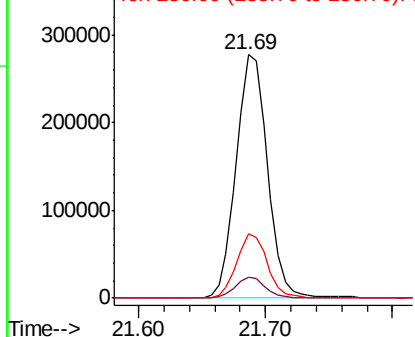


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036507.D
Acq: 31 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.3	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: 79.439 ng

RT: 20.04 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036507.D

Acq: 31 Aug 2018 15:51

Instrument :

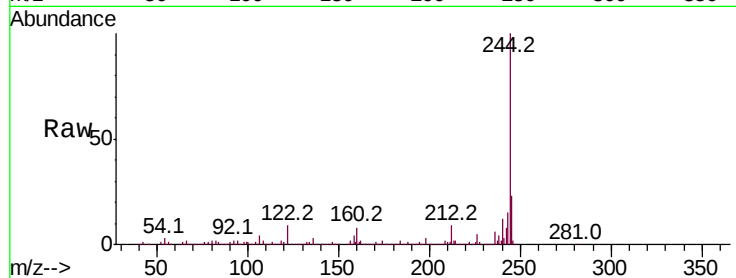
BNA_G

ClientSampleId :

PB112500BL

Tot Ion:244 Resp: 1612207

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.0	7.1	10.7

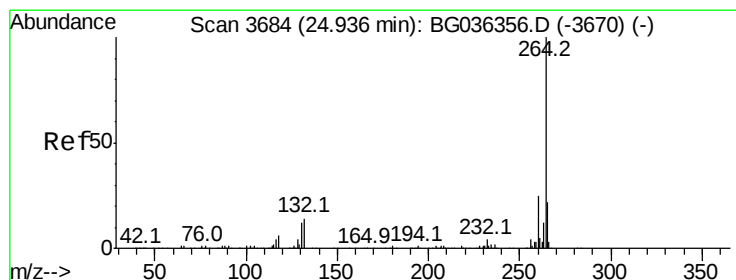
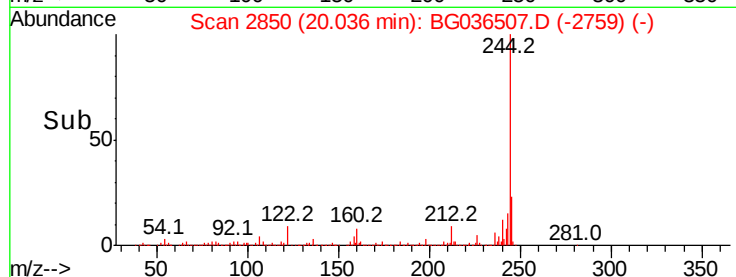
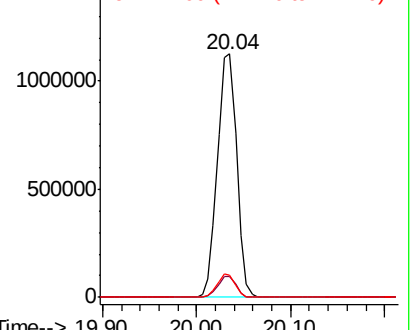


Abundance

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

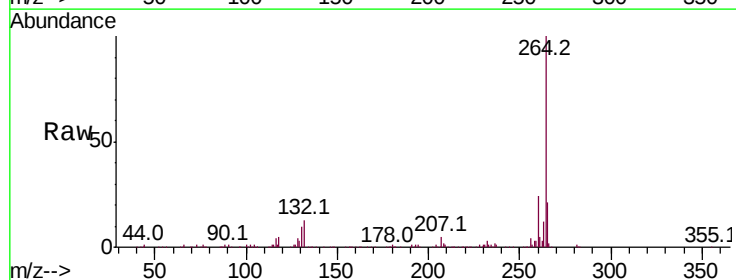
Delta R.T. -0.00 min

Lab File: BG036507.D

Acq: 31 Aug 2018 15:51

Tgt Ion:264 Resp: 445138

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	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

