

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032198.D
 Acq On : 21 Jan 2018 3:27
 Operator : SJ/JU
 Sample : PB105795TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105795TB

Quant Time: Jan 22 06:18:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46398	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	170880	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	113425	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	307918	20.00	ng	0.00
75) Chrysene-d12	22.44	240	398614	20.00	ng	0.00
86) Perylene-d12	26.14	264	417296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	284150	112.01	ng	0.00
7) Phenol-d6	7.85	99	337800	105.73	ng	0.00
23) Nitrobenzene-d5	9.94	82	199890	79.14	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	219944	117.18	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	707940	77.39	ng	0.00
78) Terphenyl-d14	20.64	244	1396215	77.34	ng	0.00

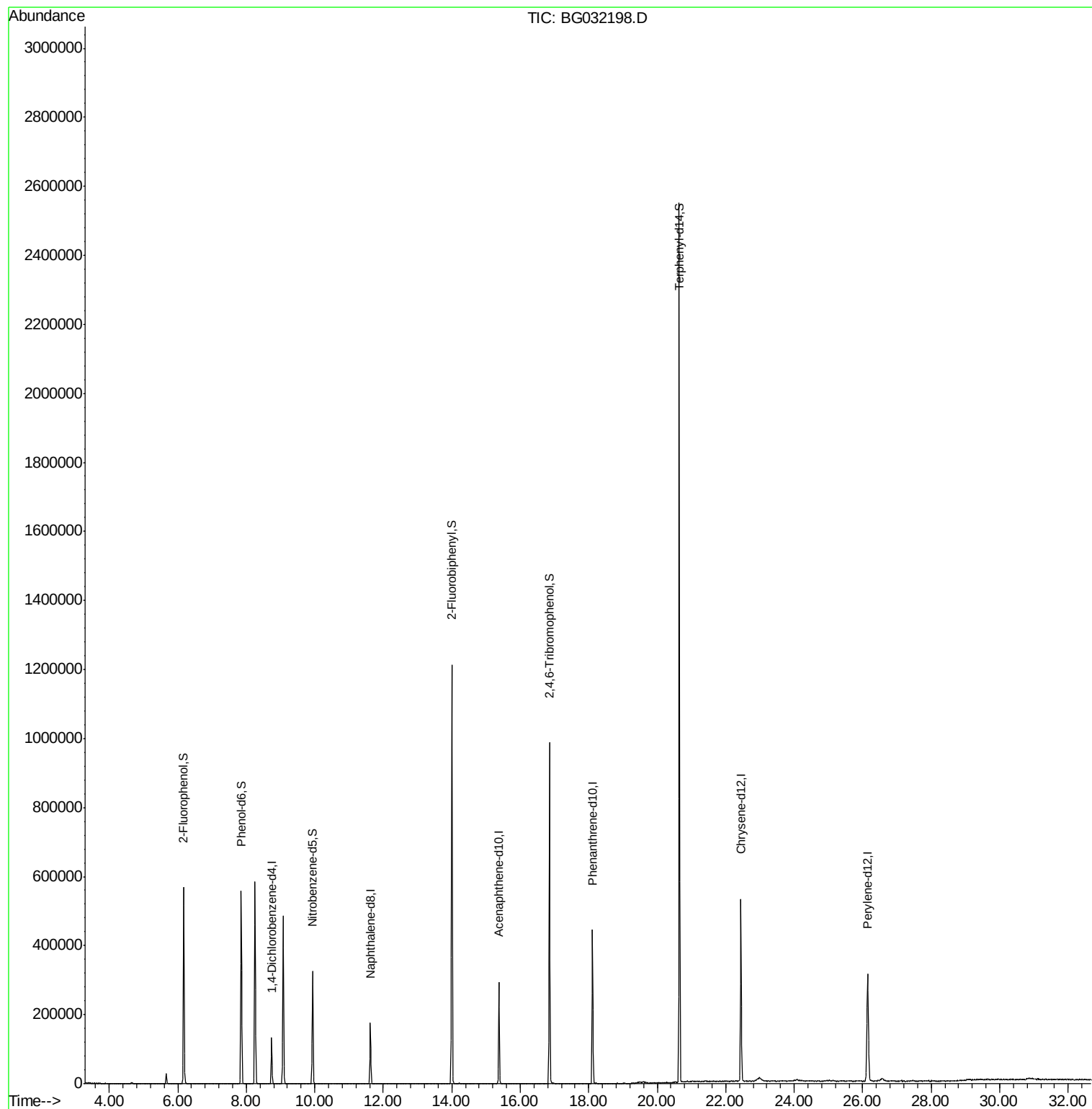
Target Compounds Qvalue

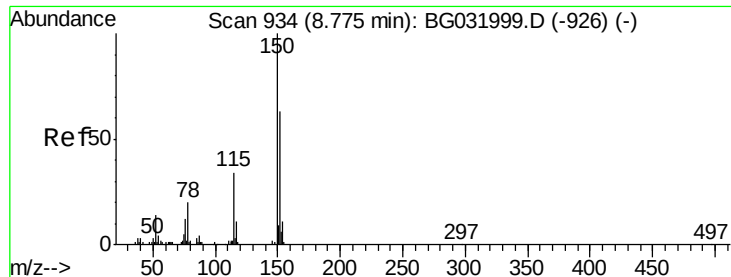
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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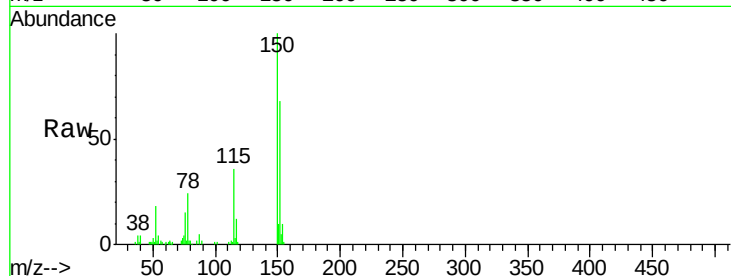


#1

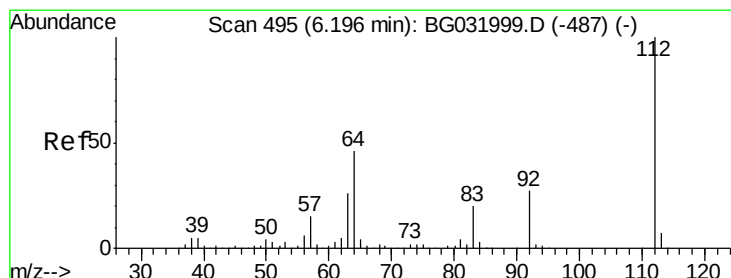
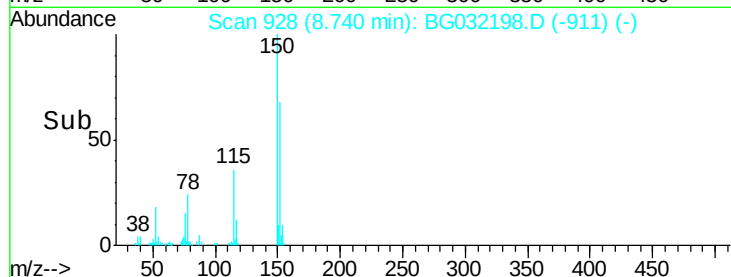
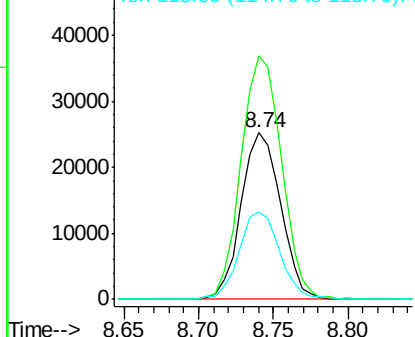
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Instrument :
BNA_G
ClientSampleId :
PB105795TB

Tot Ion:152 Resp: 46398
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 52.7 53.0 79.4#



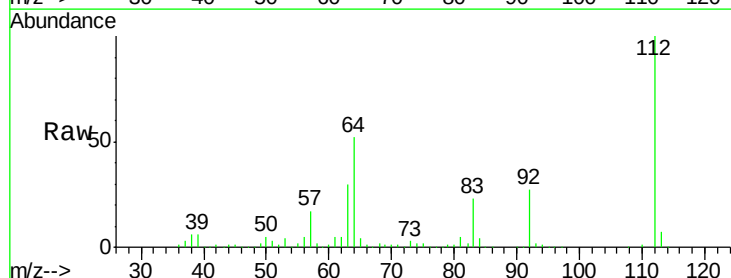
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



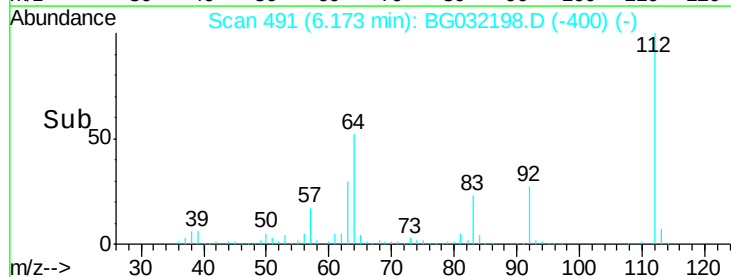
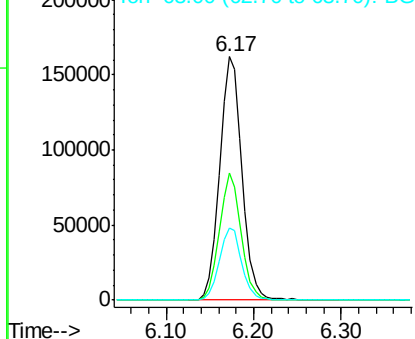
#5

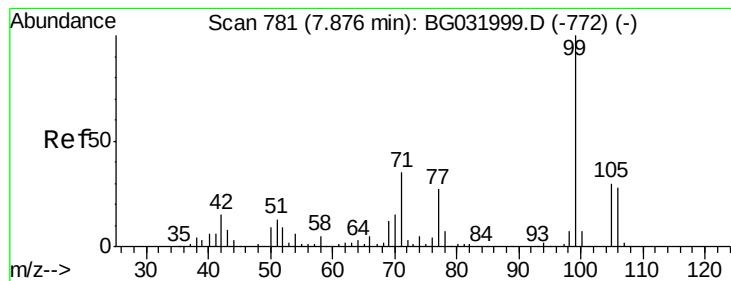
2-Fluorophenol
Concen: 112.007 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Tgt Ion:112 Resp: 284150
Ion Ratio Lower Upper
112 100
64 52.5 56.3 84.5#
63 29.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.726 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB105795TB

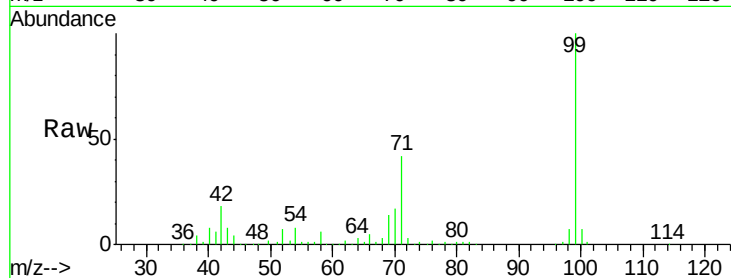
Tot Ion: 99 Resp: 337800

Ion Ratio Lower Upper

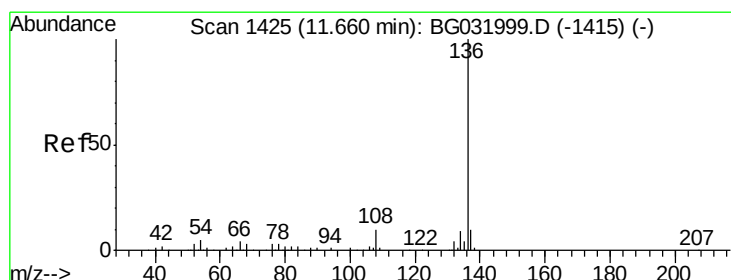
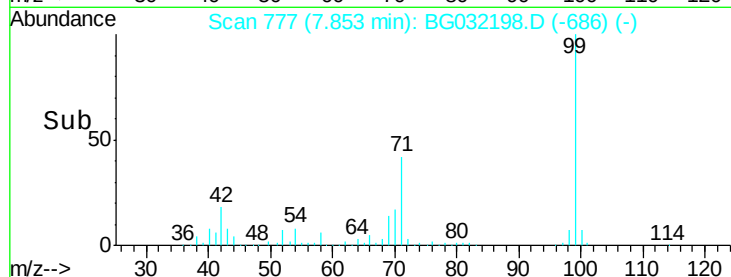
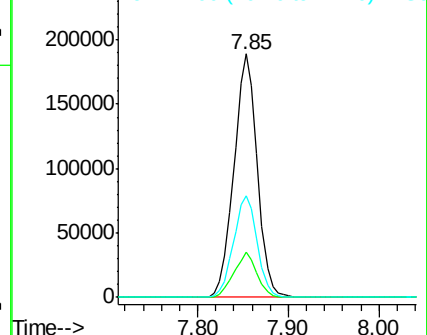
99 100

42 18.4 14.1 21.1

71 41.5 26.1 39.1#



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: 11.63 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Tgt Ion: 136 Resp: 170880

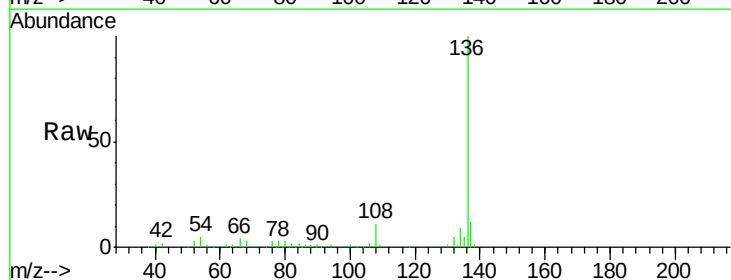
Ion Ratio Lower Upper

136 100

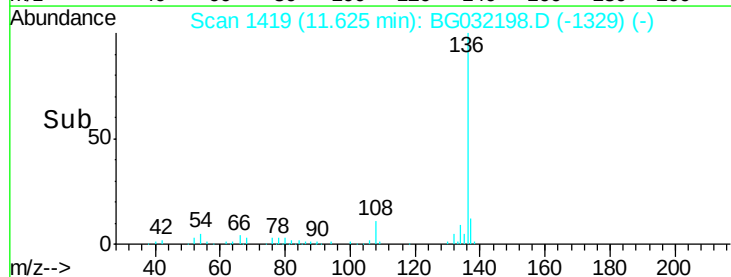
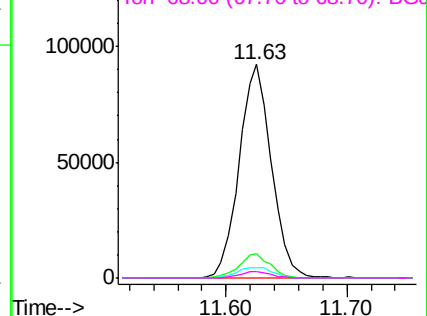
137 11.6 9.2 13.8

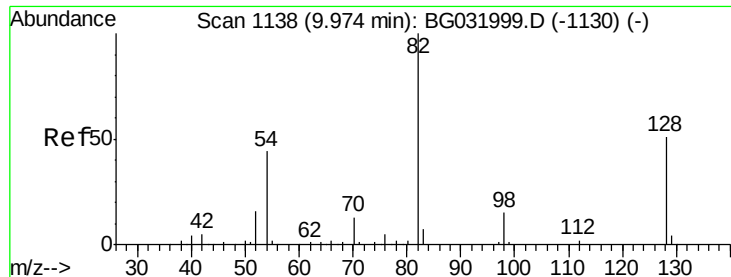
54 4.7 10.3 15.5#

68 3.3 4.5 6.7#



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

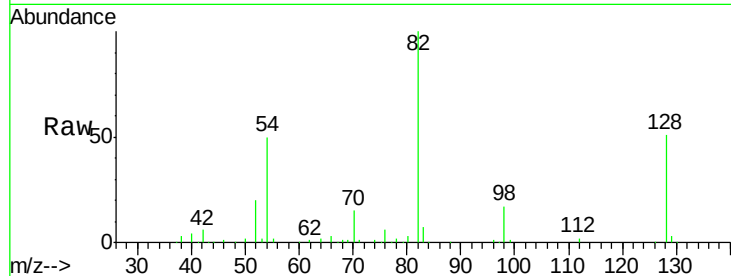




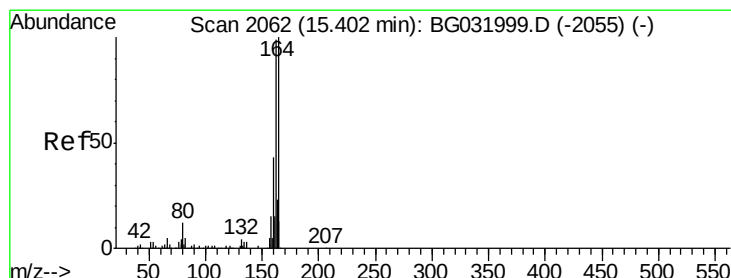
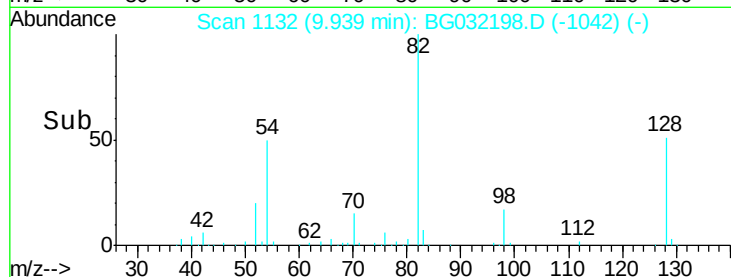
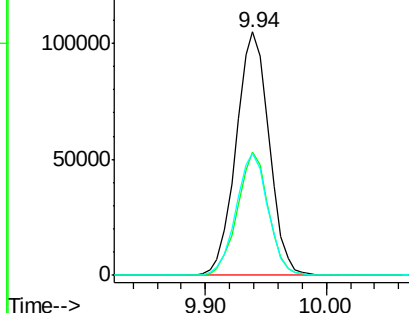
#23
 Nitrobenzene-d5
 Concen: 79.140 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB105795TB

Tot Ion	82	Resp	199890
Ion Ratio	100	Lower	Upper
128	50.9	29.7	44.5#
54	50.3	43.1	64.7

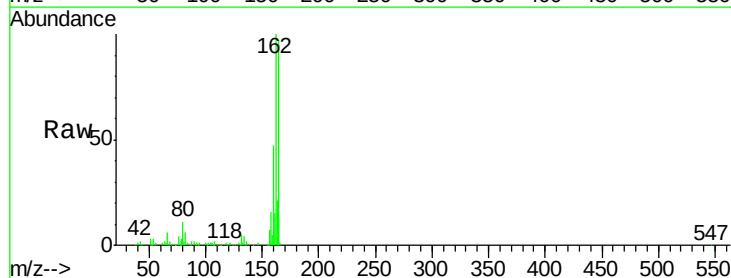


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

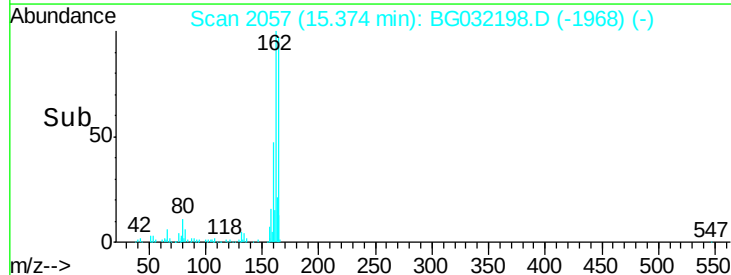
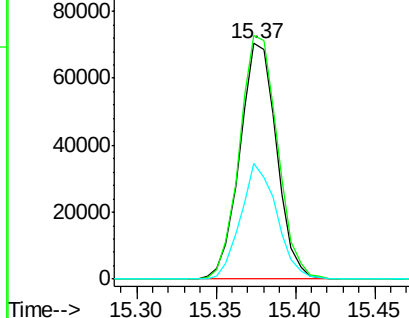


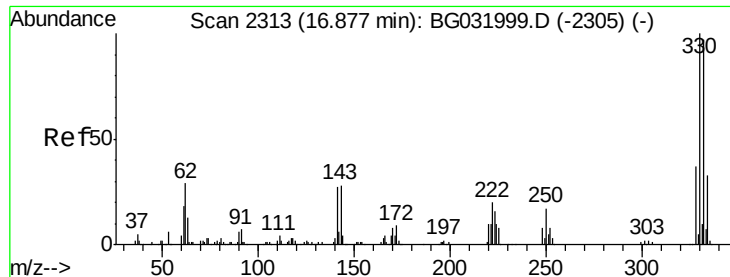
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

Tgt Ion	164	Resp	113425
Ion Ratio	100	Lower	Upper
162	103.4	78.8	118.2
160	48.9	35.4	53.0



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

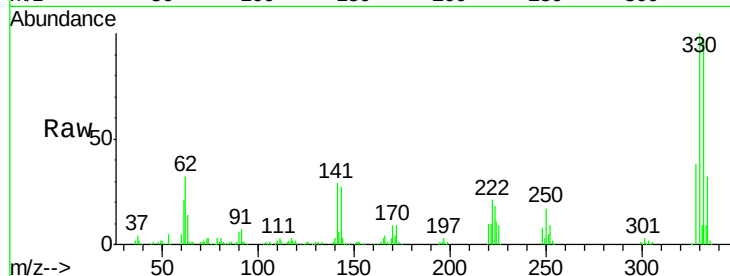




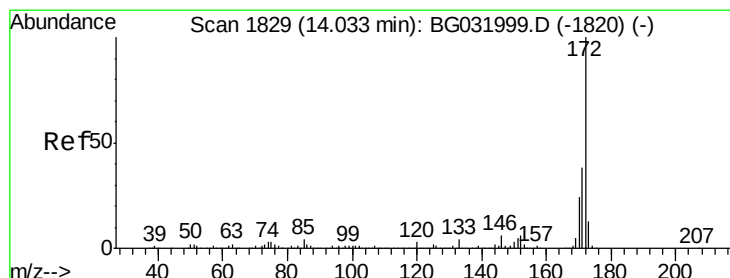
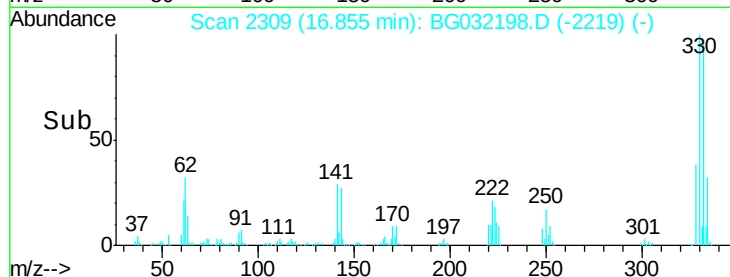
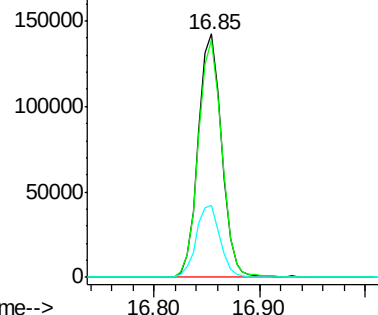
#41
 2,4,6-Tribromophenol
 Concen: 117.184 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB105795TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	30.0	25.2	37.8

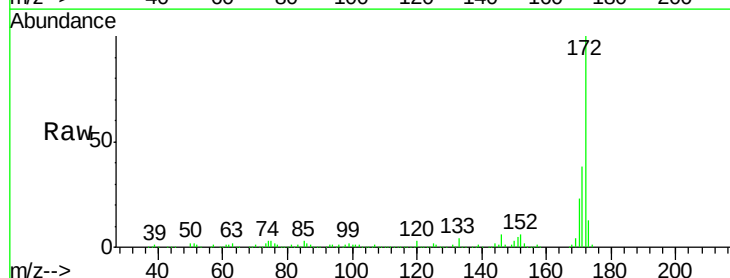


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

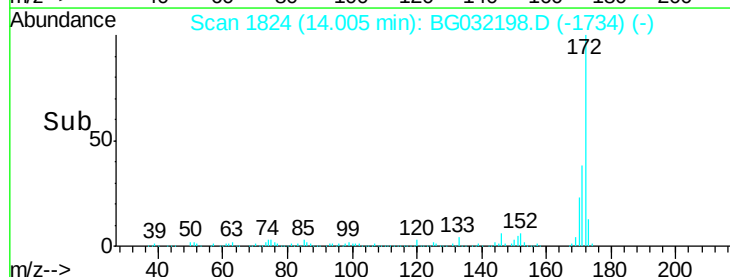
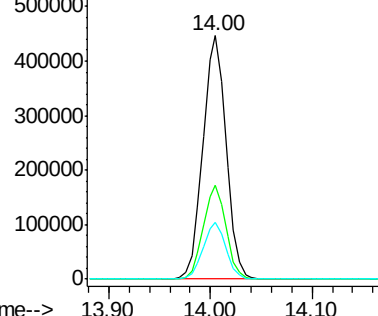


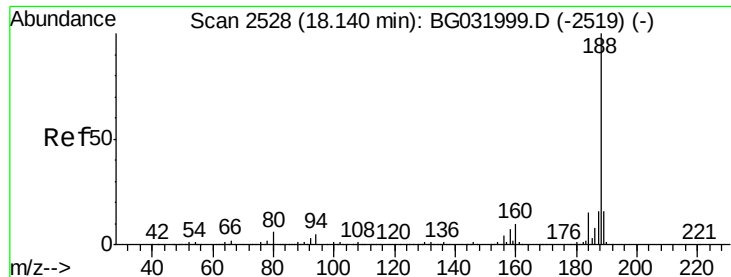
#44
 2-Fluorobiphenyl
 Concen: 77.391 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.3	19.5	29.3



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

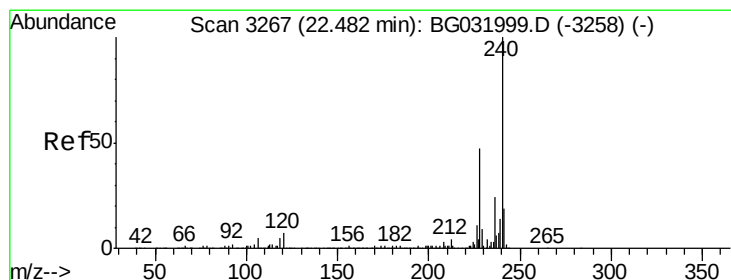
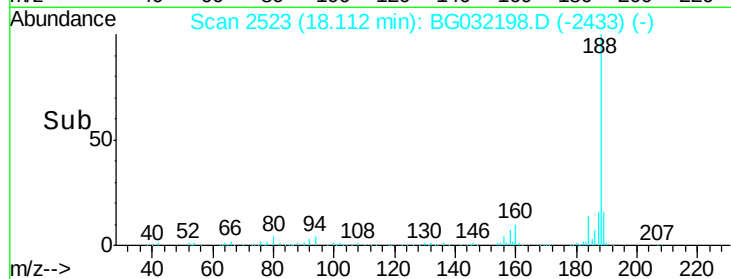
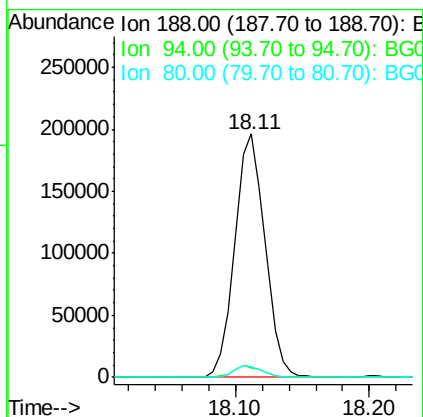
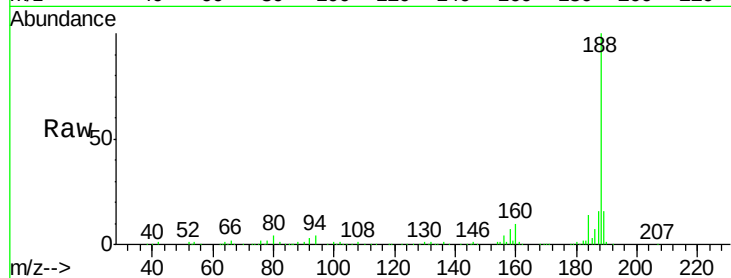




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

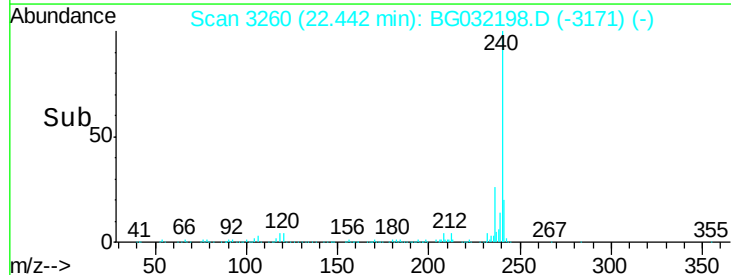
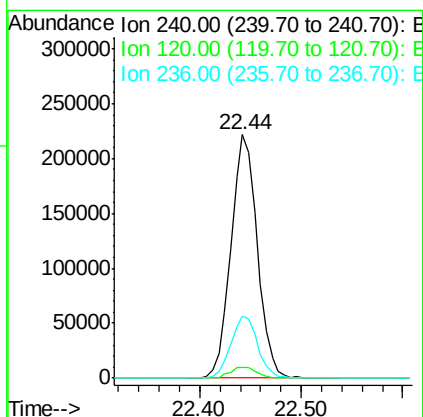
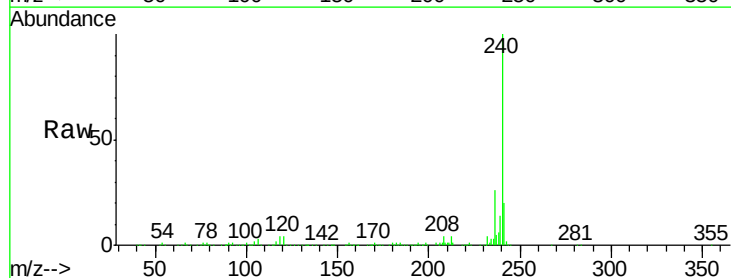
Instrument :
BNA_G
ClientSampleId :
PB105795TB

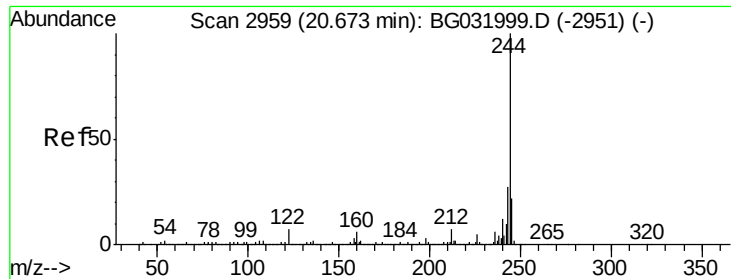
Tot Ion:188 Resp: 307918
Ion Ratio Lower Upper
188 100
94 3.7 6.9 10.3#
80 4.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Tgt Ion:240 Resp: 398614
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 77.341 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB105795TB

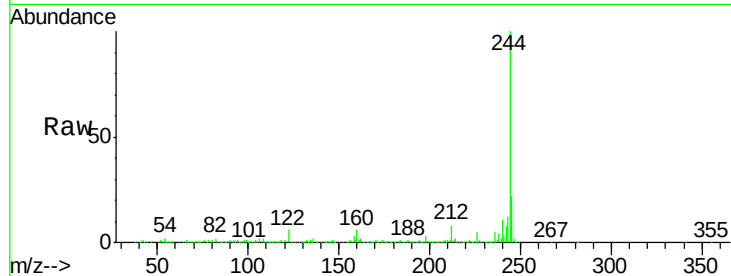
Tot Ion:244 Resp: 1396215

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

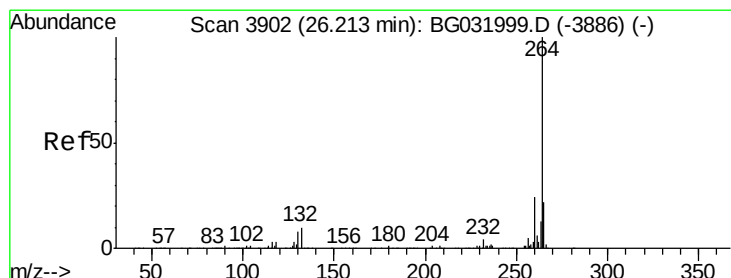
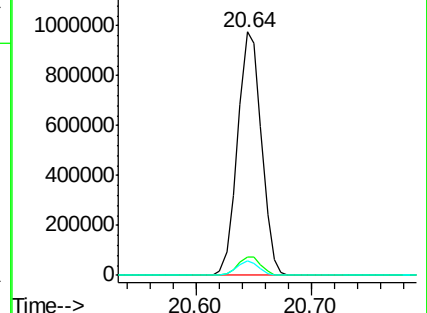
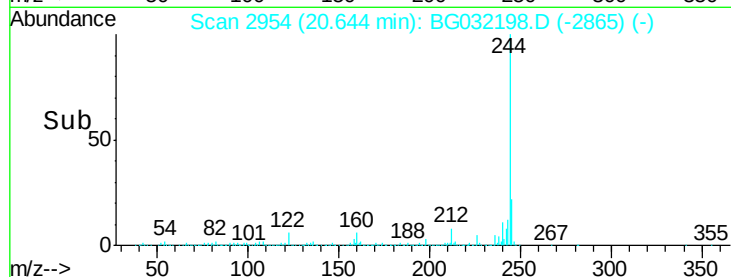
122 6.0 7.0 10.4#



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: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

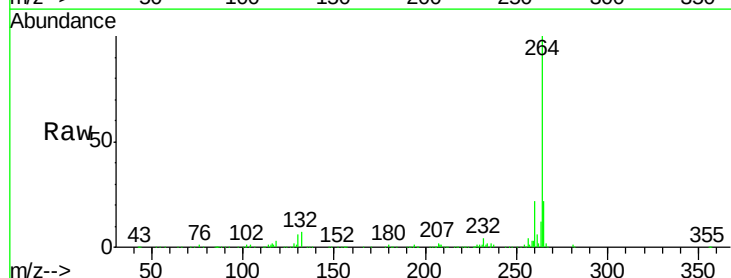
Tgt Ion:264 Resp: 417296

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.5 17.7 26.5



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

