

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032226.D
 Acq On : 23 Jan 2018 11:35
 Operator : SJ/JU
 Sample : PB105847TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105847TB

Quant Time: Jan 24 03:47:57 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	8.73	152	45120	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	189238	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	134834	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	340096	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	437486	20.00	ng	-0.02
86) Perylene-d12	26.13	264	457877	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	302961	122.80	ng	0.00
7) Phenol-d6	7.84	99	382267	123.03	ng	0.00
23) Nitrobenzene-d5	9.93	82	230429	82.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	251430	112.69	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	837618	77.03	ng	-0.01
78) Terphenyl-d14	20.64	244	1538227	77.64	ng	-0.01

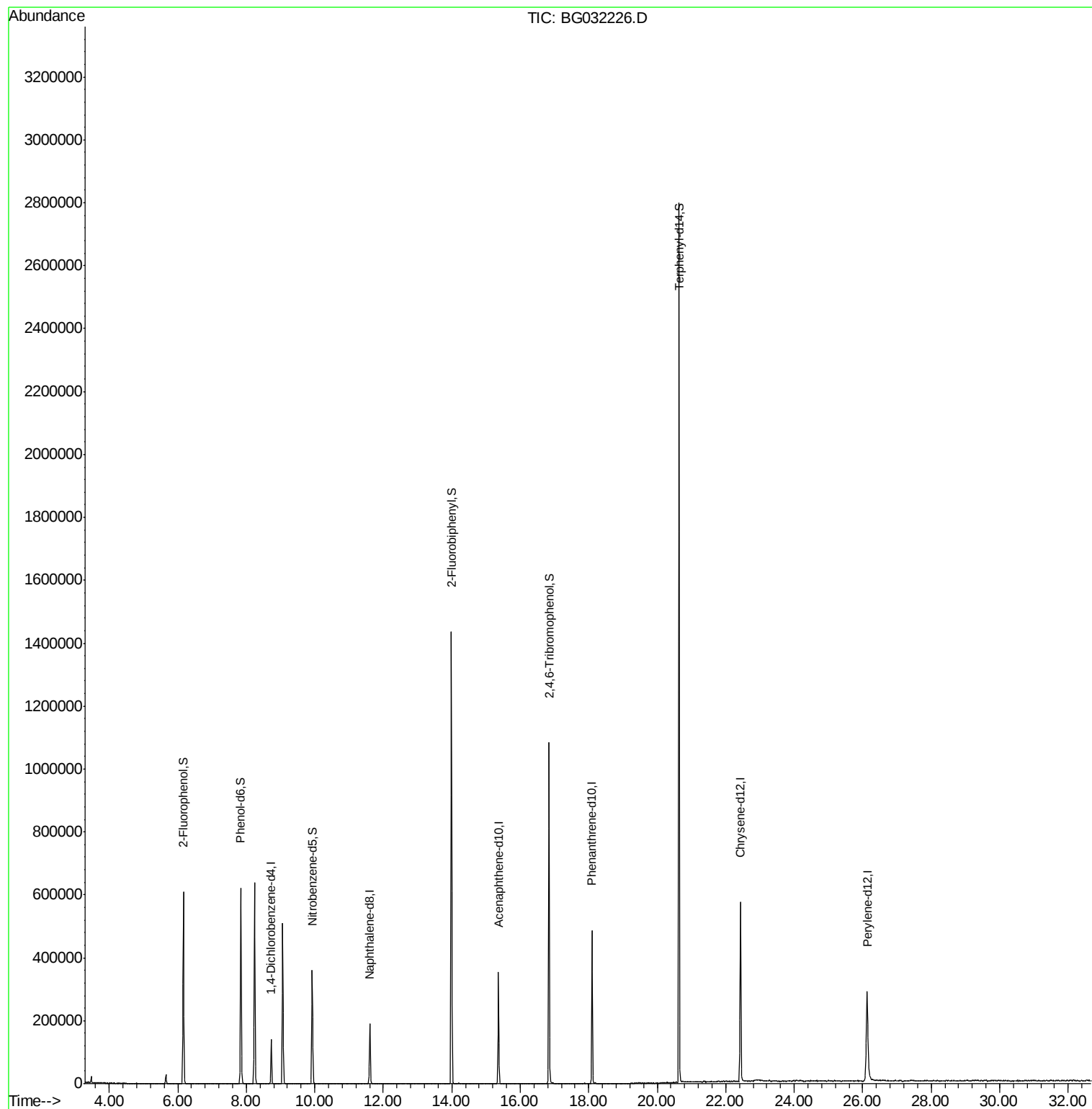
Target Compounds Qvalue

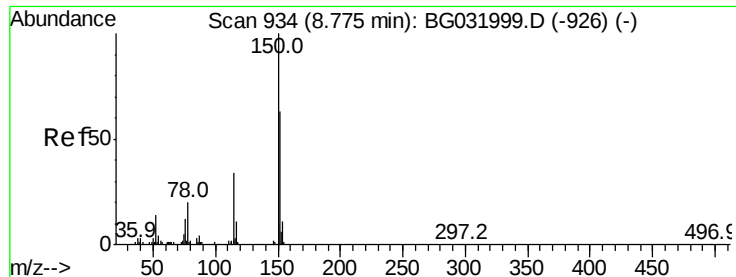
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

Instrument :

BNA_G

ClientSampleId :

PB105847TB

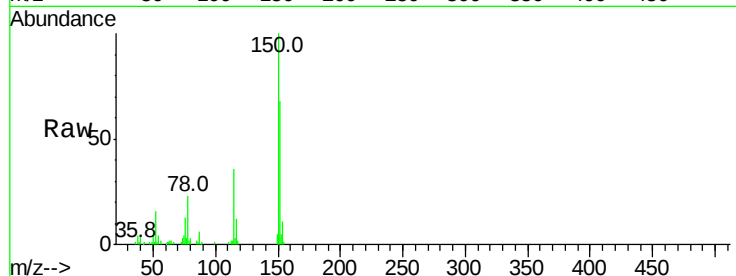
Tot Ion:152 Resp: 45120

Ion Ratio Lower Upper

152 100

150 147.0 126.6 189.8

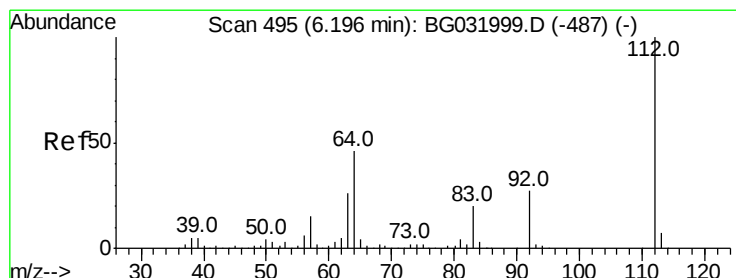
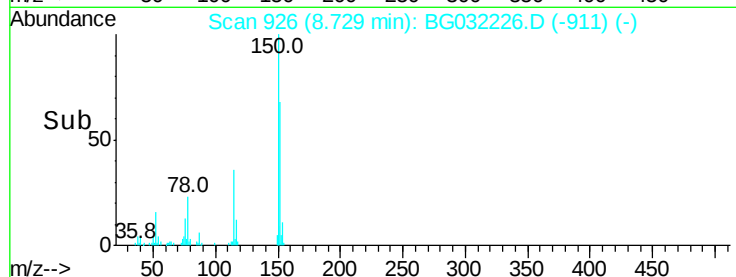
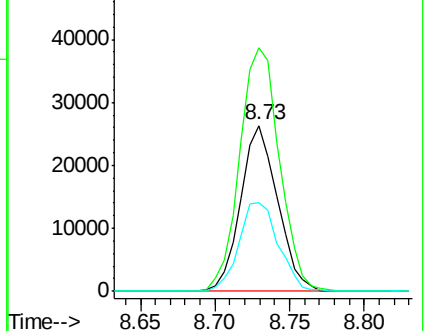
115 53.6 53.0 79.4



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: 122.805 ng

RT: 6.16 min Scan# 489

Delta R.T. -0.01 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

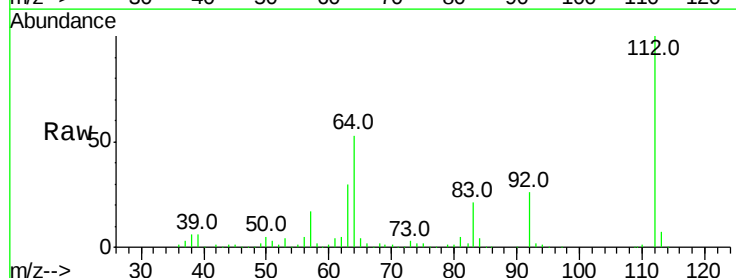
Tgt Ion:112 Resp: 302961

Ion Ratio Lower Upper

112 100

64 52.9 56.3 84.5#

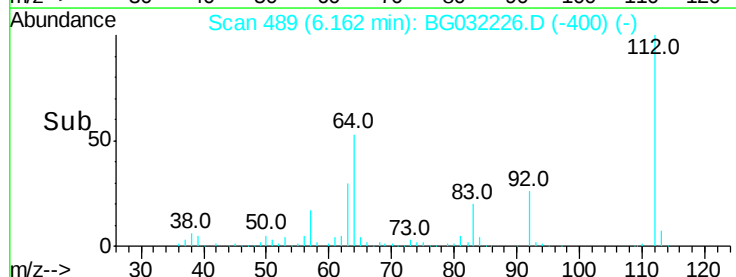
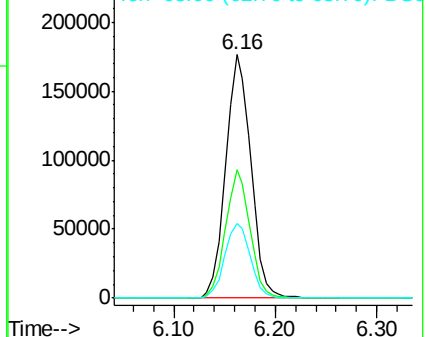
63 30.4 30.1 45.1



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: 123.032 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

Instrument :

BNA_G

ClientSampleId :

PB105847TB

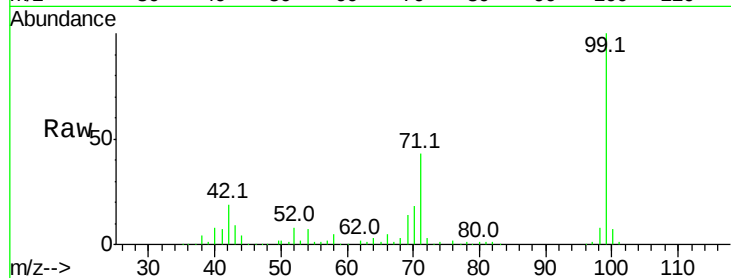
Tot Ion: 99 Resp: 382267

Ion Ratio Lower Upper

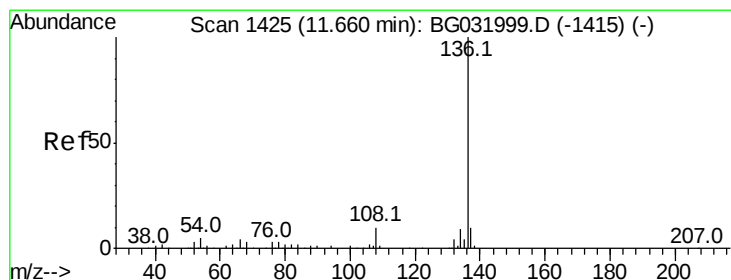
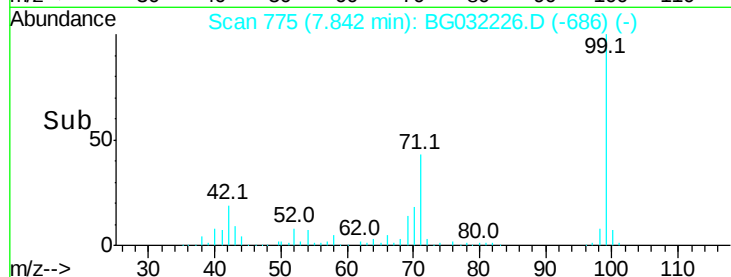
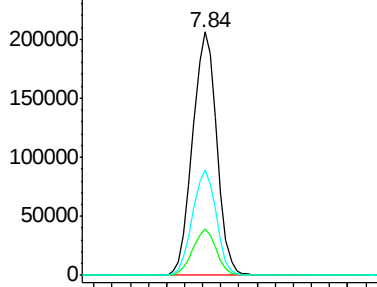
99 100

42 19.0 14.1 21.1

71 43.5 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: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

Tgt Ion: 136 Resp: 189238

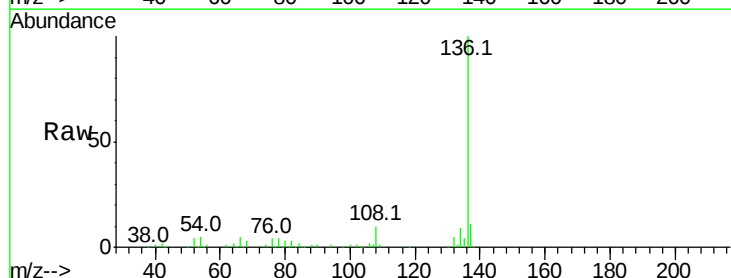
Ion Ratio Lower Upper

136 100

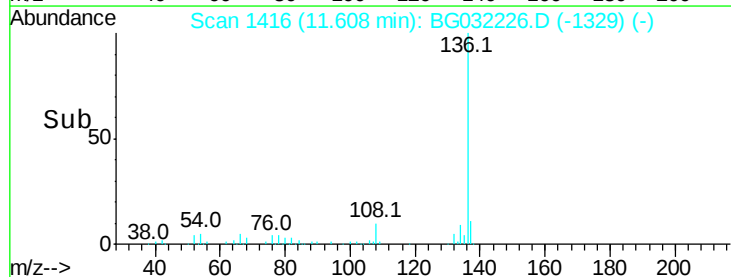
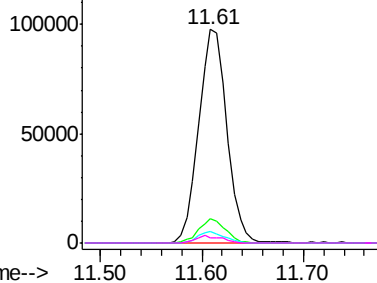
137 11.2 9.2 13.8

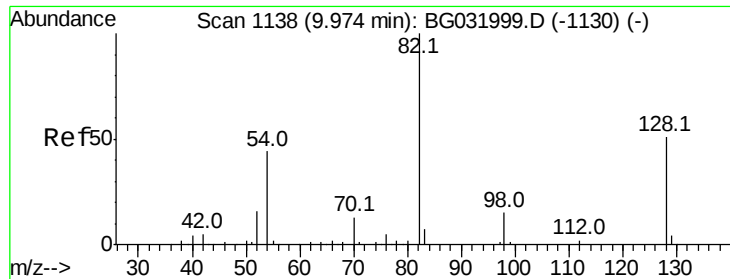
54 5.2 10.3 15.5#

68 2.5 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

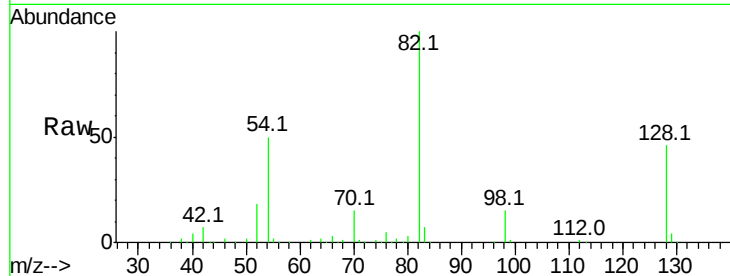




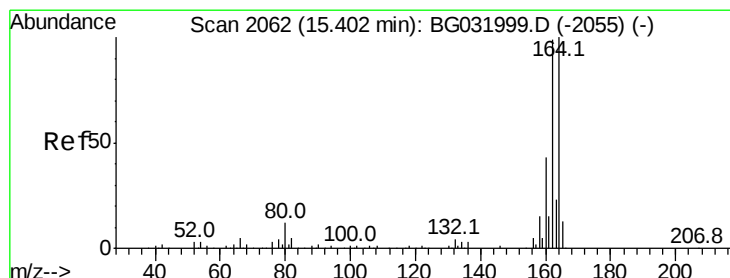
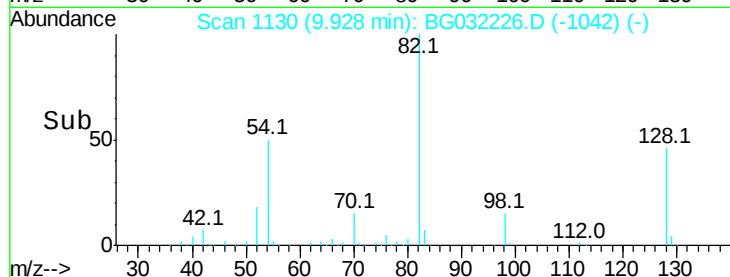
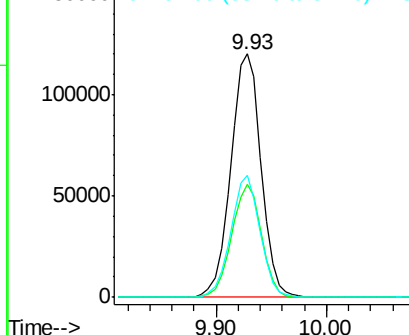
#23
 Nitrobenzene-d5
 Concen: 82.380 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BG032226.D
 Acq: 23 Jan 2018 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB105847TB

Tot Ion: 82 Resp: 230429
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 50.3 43.1 64.7

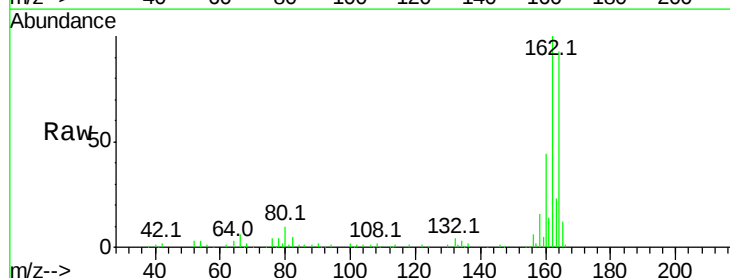


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

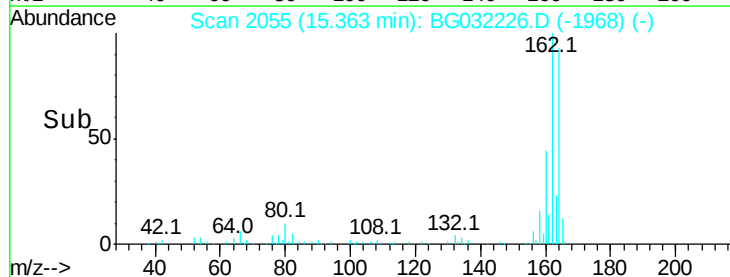
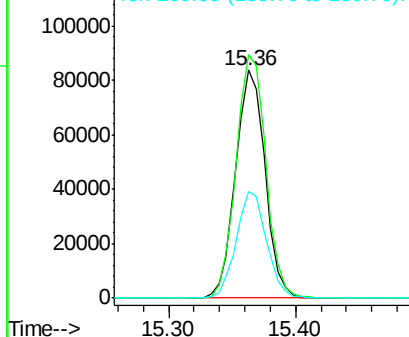


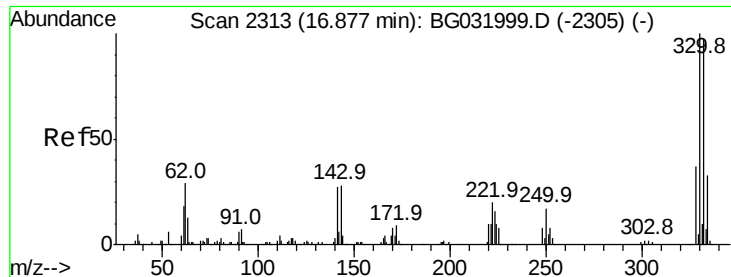
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG032226.D
 Acq: 23 Jan 2018 11:35

Tgt Ion:164 Resp: 134834
 Ion Ratio Lower Upper
 164 100
 162 107.0 78.8 118.2
 160 47.0 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

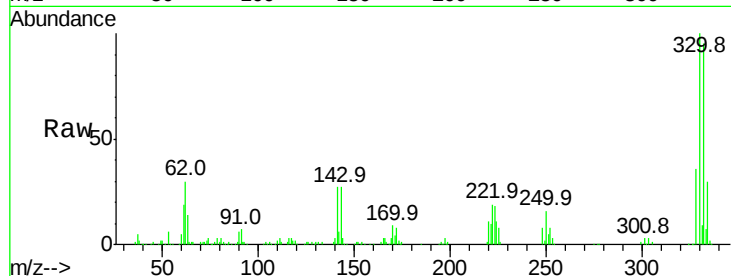




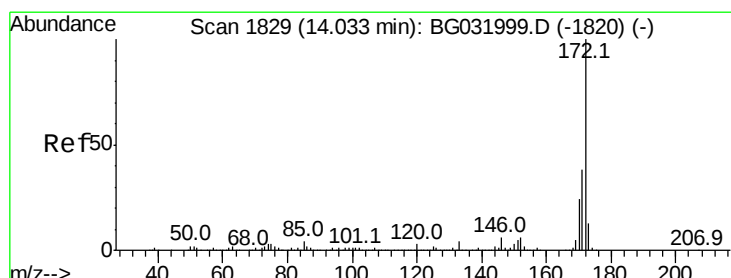
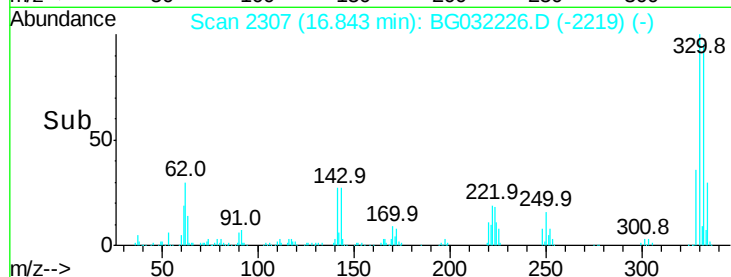
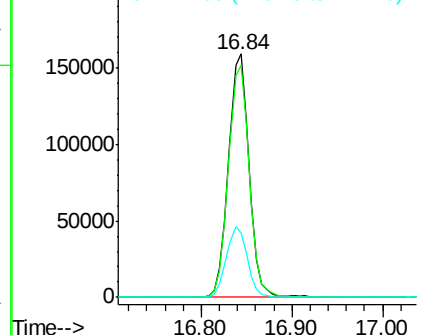
#41
 2,4,6-Tribromophenol
 Concen: 112.689 ng
 RT: 16.84 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: BG032226.D
 Acq: 23 Jan 2018 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB105847TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.3	25.2	37.8

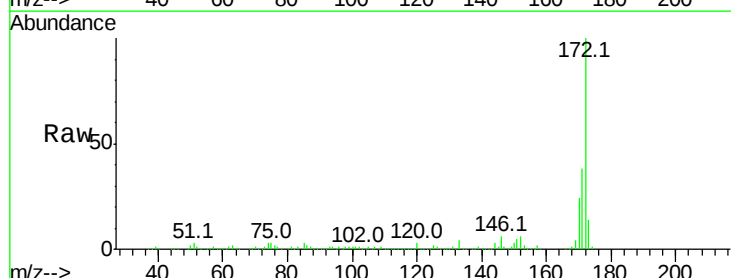


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

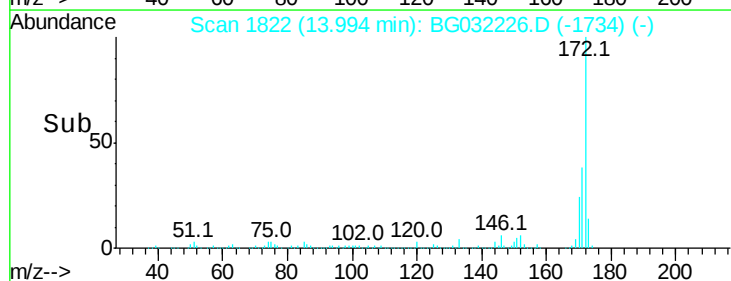
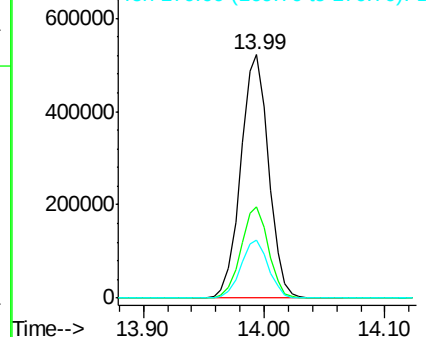


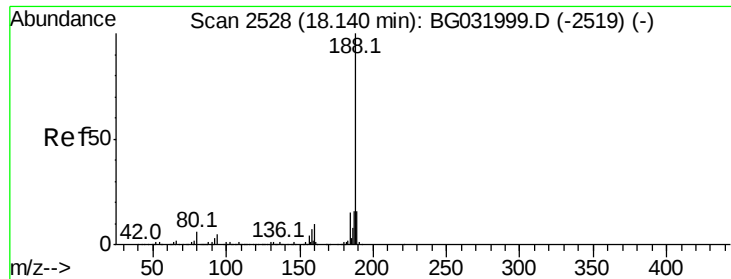
#44
 2-Fluorobiphenyl
 Concen: 77.028 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG032226.D
 Acq: 23 Jan 2018 11:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.8	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: 18.09 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

Instrument :

BNA_G

ClientSampleId :

PB105847TB

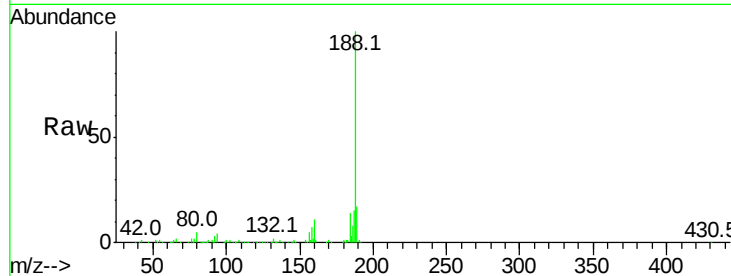
Tot Ion:188 Resp: 340096

Ion Ratio Lower Upper

188 100

94 4.0 6.9 10.3#

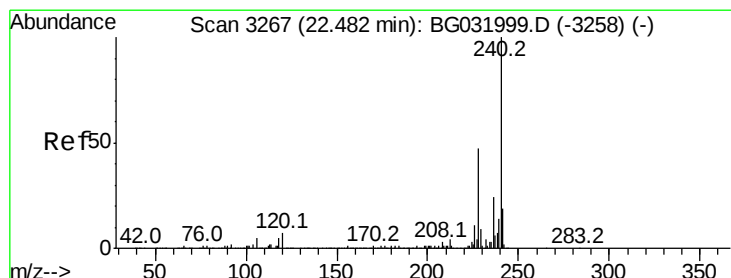
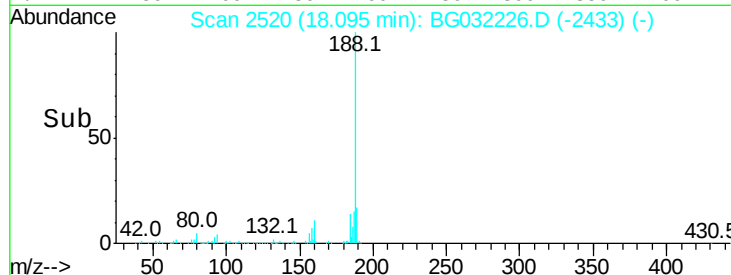
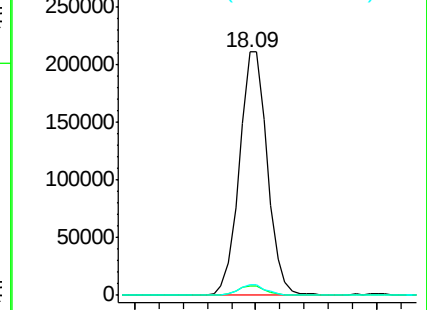
80 4.6 7.7 11.5#



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: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

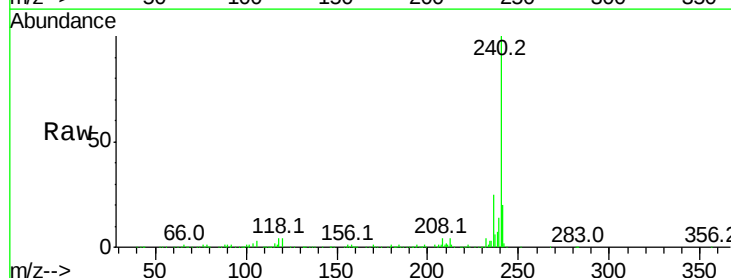
Tgt Ion:240 Resp: 437486

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

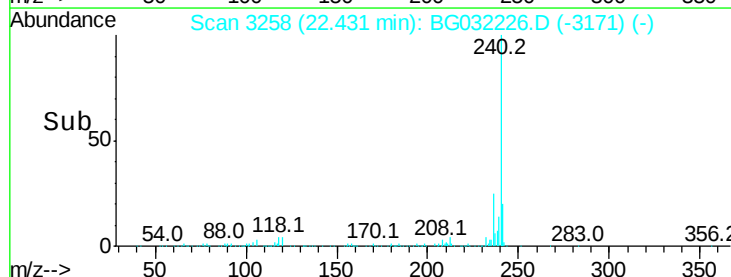
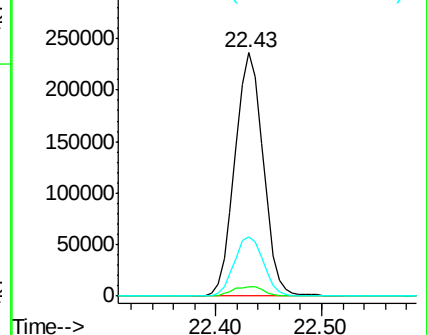
236 24.5 20.9 31.3

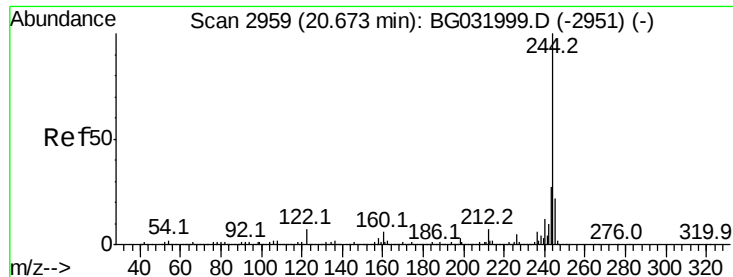


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.636 ng

RT: 20.64 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

Instrument :

BNA_G

ClientSampleId :

PB105847TB

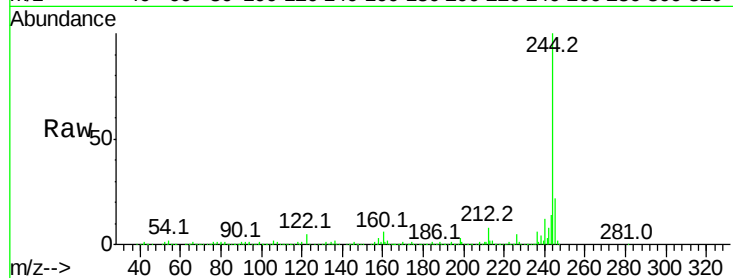
Tot Ion:244 Resp: 1538227

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

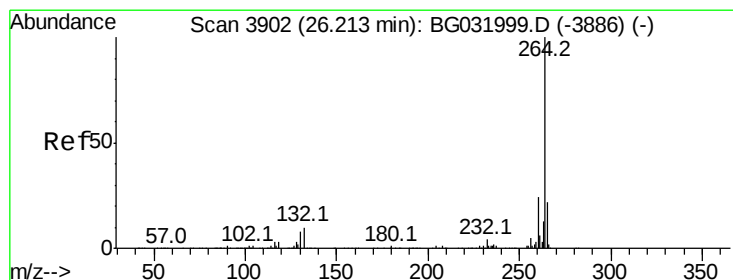
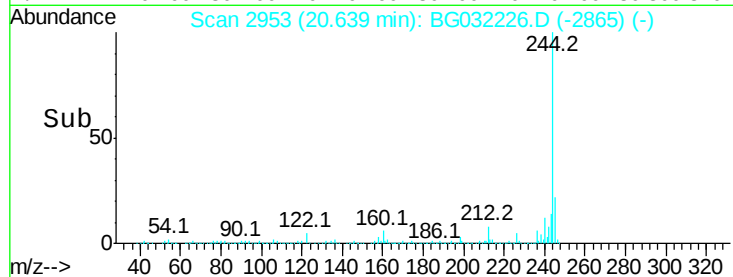
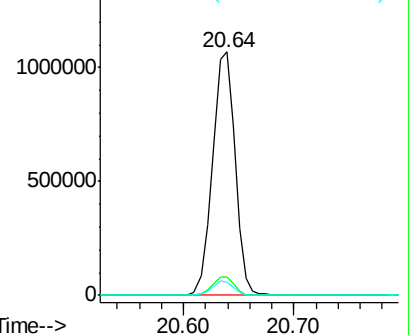
122 5.4 7.0 10.4#



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: 26.13 min Scan# 3887

Delta R.T. -0.02 min

Lab File: BG032226.D

Acq: 23 Jan 2018 11:35

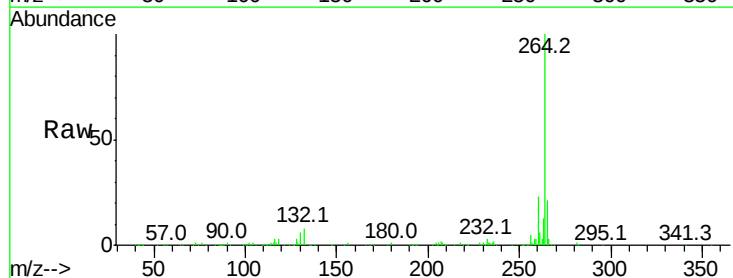
Tgt Ion:264 Resp: 457877

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.2 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

