

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032358.D
 Acq On : 27 Jan 2018 16:08
 Operator : SJ/JU
 Sample : PB106058BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106058BL

Quant Time: Jan 27 23:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	43426	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	155473	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	104623	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	281538	20.00	ng	0.00
75) Chrysene-d12	22.42	240	369954	20.00	ng	0.00
86) Perylene-d12	26.10	264	396609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	280370	118.08	ng	0.00
7) Phenol-d6	7.83	99	333379	111.48	ng	0.00
23) Nitrobenzene-d5	9.92	82	206623	89.91	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	242579	140.12	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	734721	87.08	ng	0.00
78) Terphenyl-d14	20.63	244	1465199	87.45	ng	0.00

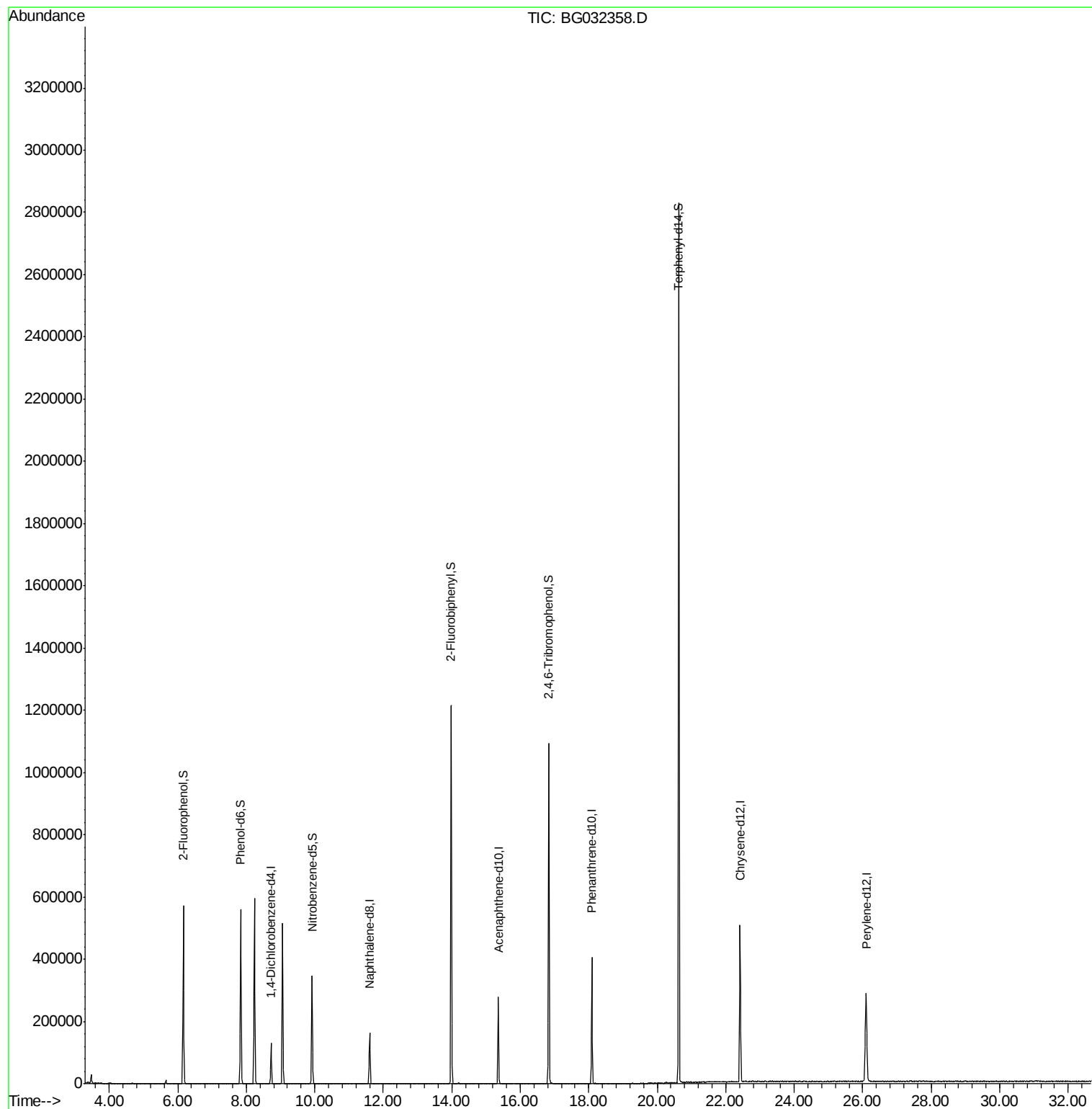
Target Compounds Qvalue

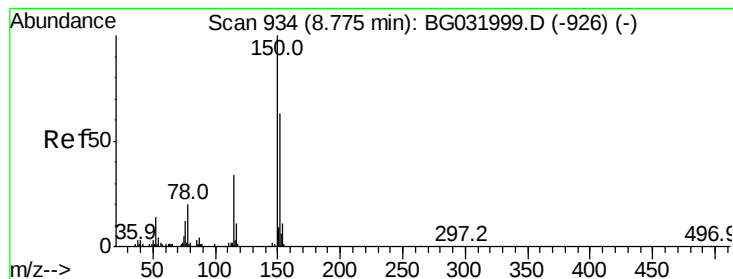
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB106058BL

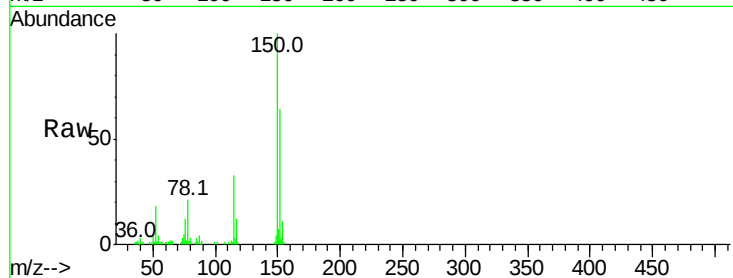
Tot Ion:152 Resp: 43426

Ion Ratio Lower Upper

152 100

150 155.2 126.6 189.8

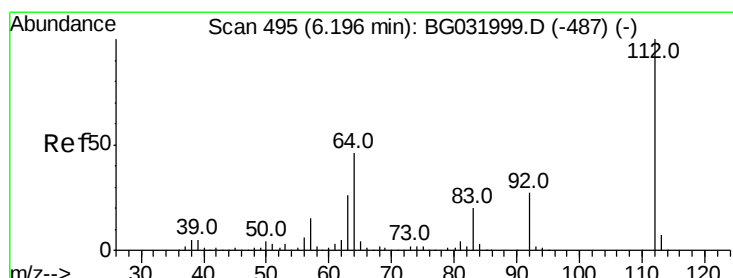
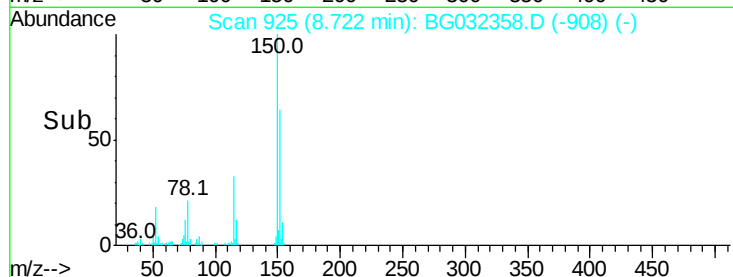
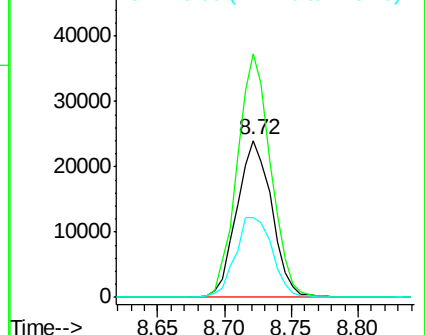
115 51.1 53.0 79.4#



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: 118.081 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

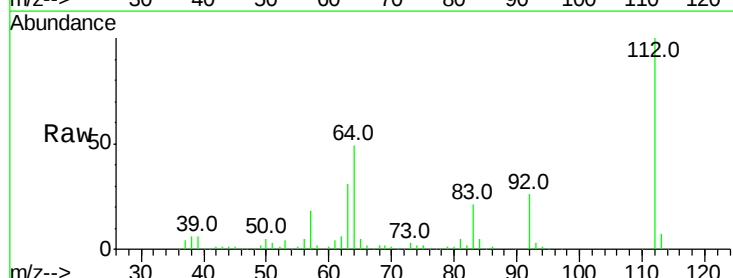
Tgt Ion:112 Resp: 280370

Ion Ratio Lower Upper

112 100

64 49.5 56.3 84.5#

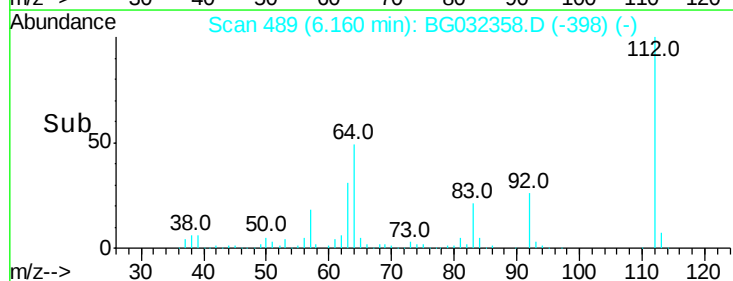
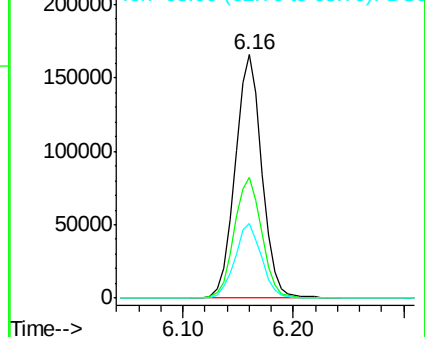
63 30.7 30.1 45.1

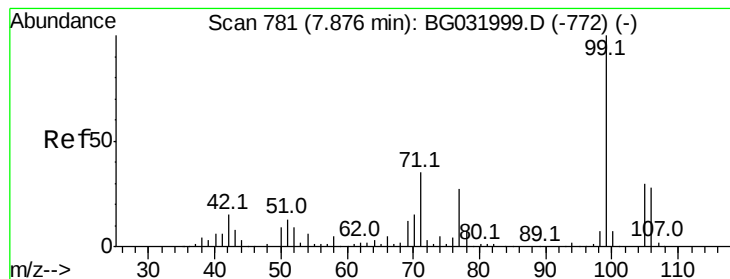


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.483 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB106058BL

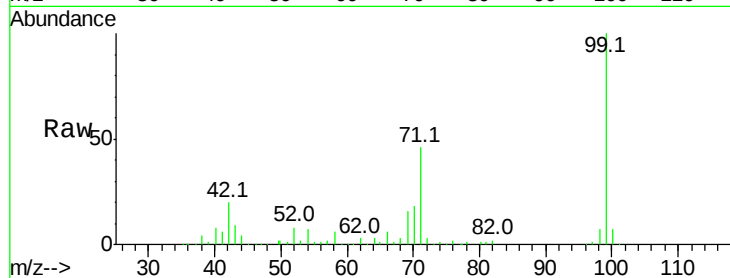
Tot Ion: 99 Resp: 333379

Ion Ratio Lower Upper

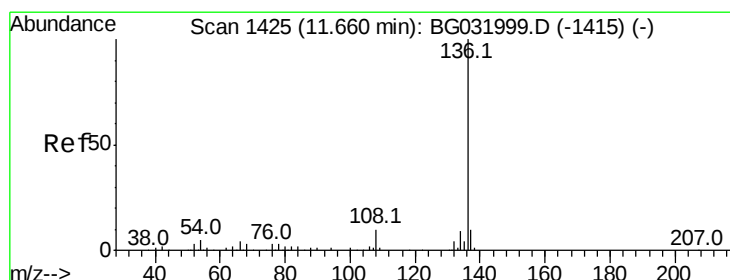
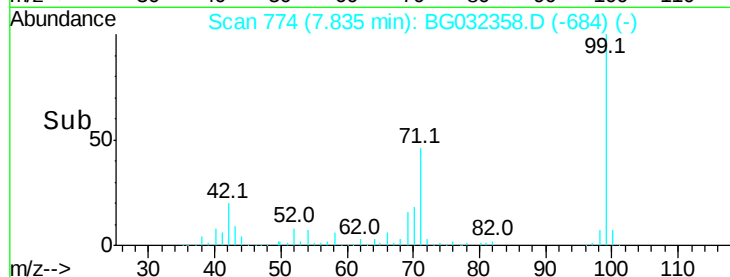
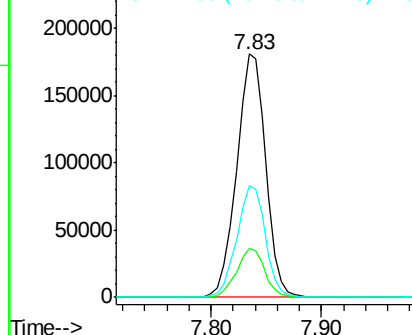
99 100

42 20.0 14.1 21.1

71 45.7 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

Tgt Ion: 136 Resp: 155473

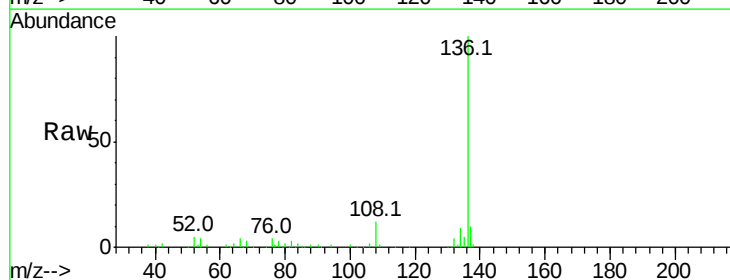
Ion Ratio Lower Upper

136 100

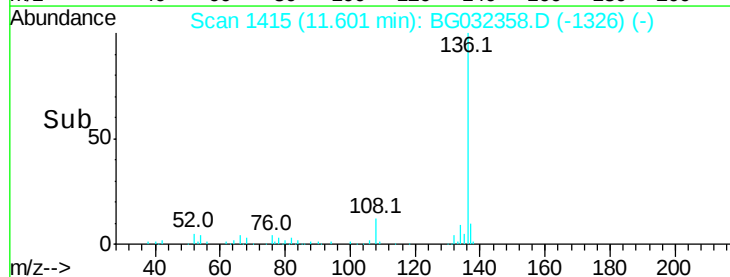
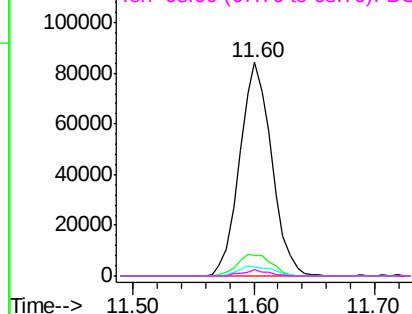
137 9.5 9.2 13.8

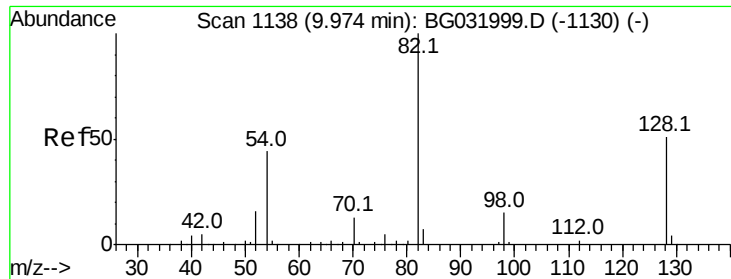
54 4.3 10.3 15.5#

68 2.9 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

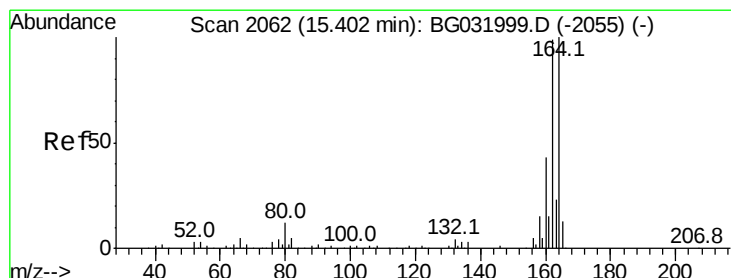
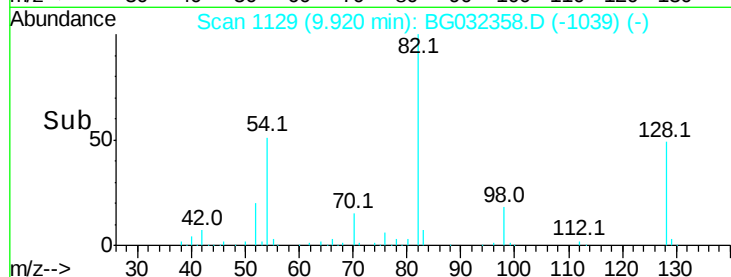
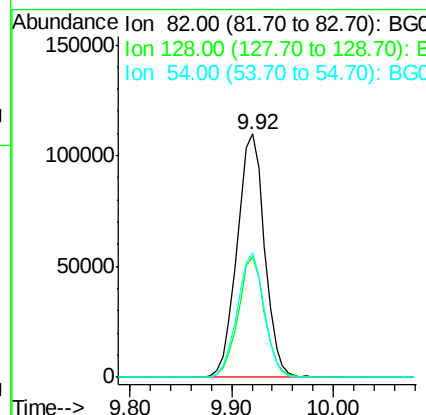
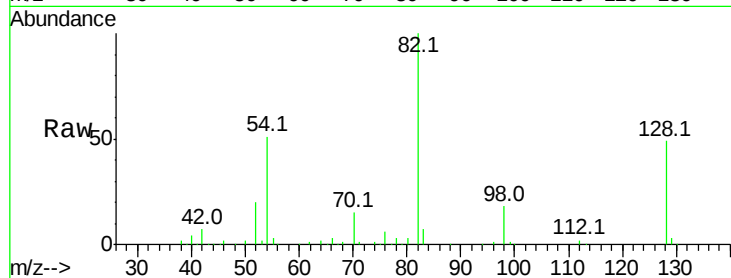




#23
 Nitrobenzene-d5
 Concen: 89.912 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032358.D
 Acq: 27 Jan 2018 16:08

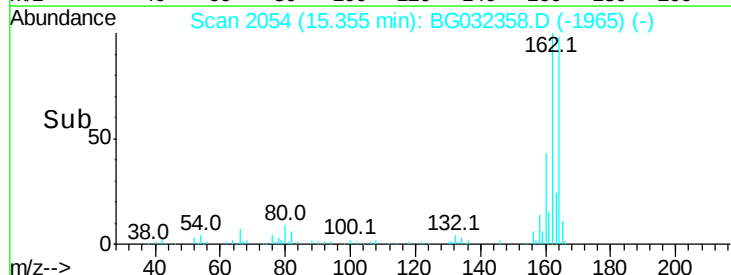
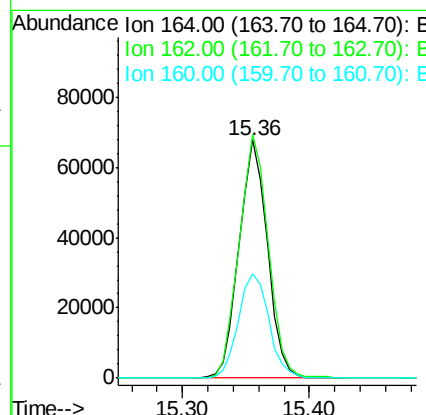
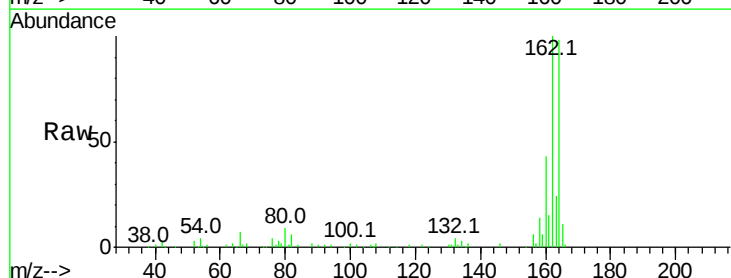
Instrument :
 BNA_G
 ClientSampleID :
 PB106058BL

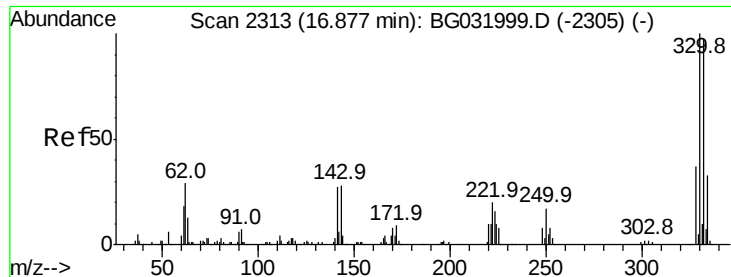
Tot Ion: 82 Resp: 206623
 Ion Ratio Lower Upper
 82 100
 128 49.5 29.7 44.5#
 54 51.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032358.D
 Acq: 27 Jan 2018 16:08

Tgt Ion:164 Resp: 104623
 Ion Ratio Lower Upper
 164 100
 162 102.2 78.8 118.2
 160 43.4 35.4 53.0

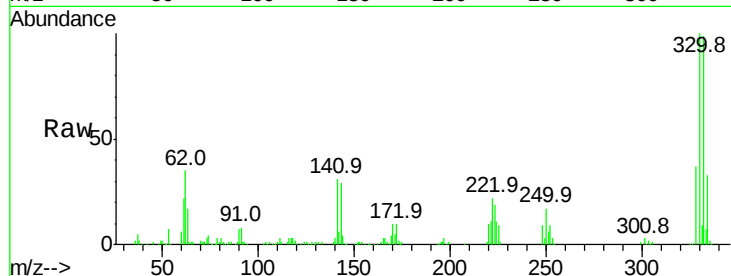




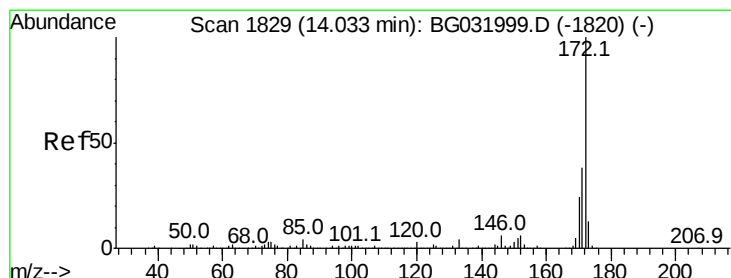
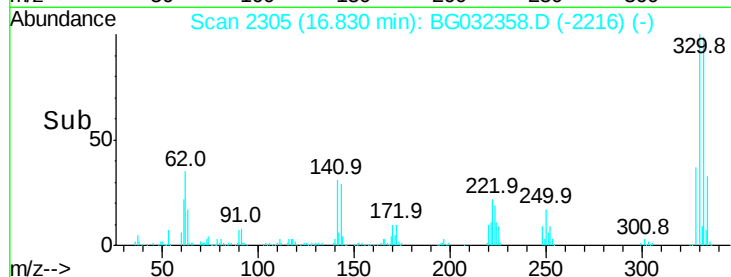
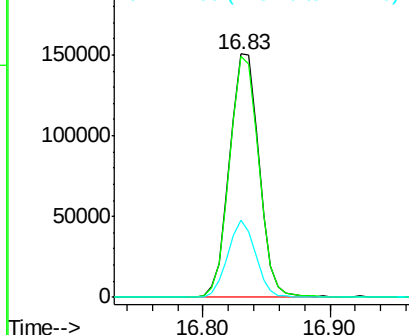
#41
 2,4,6-Tribromophenol
 Concen: 140.117 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032358.D
 Acq: 27 Jan 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :
 PB106058BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	30.0	25.2	37.8

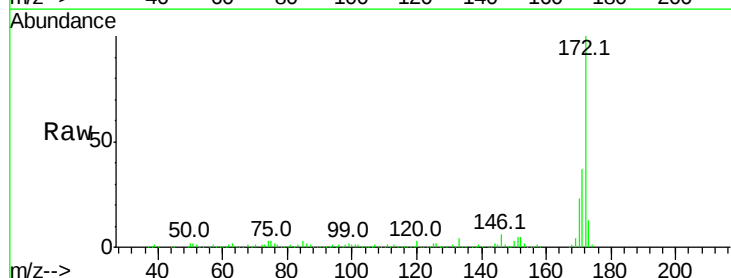


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

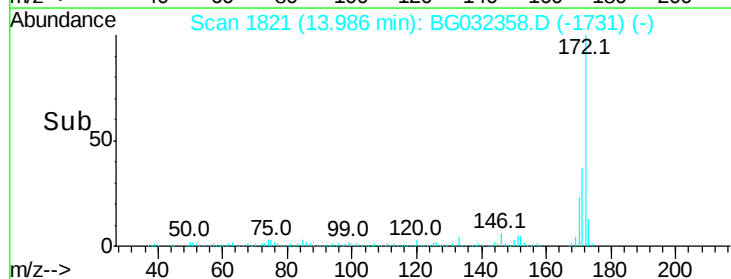
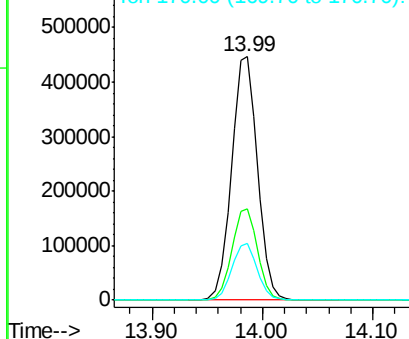


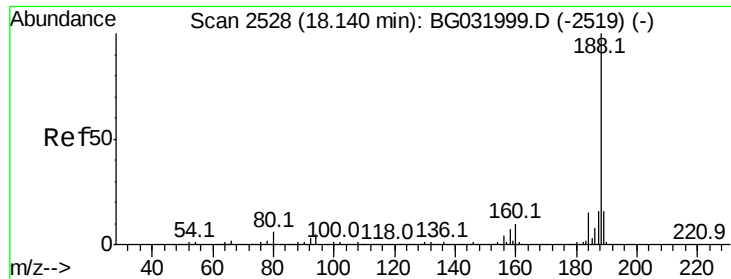
#44
 2-Fluorobiphenyl
 Concen: 87.076 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032358.D
 Acq: 27 Jan 2018 16:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.4	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. -0.00 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB106058BL

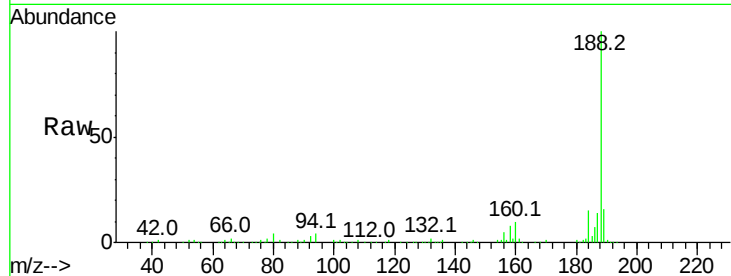
Tot Ion:188 Resp: 281538

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

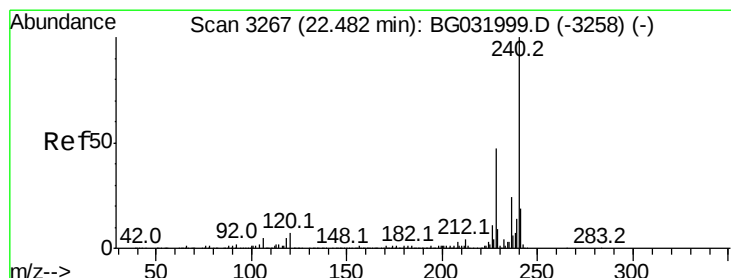
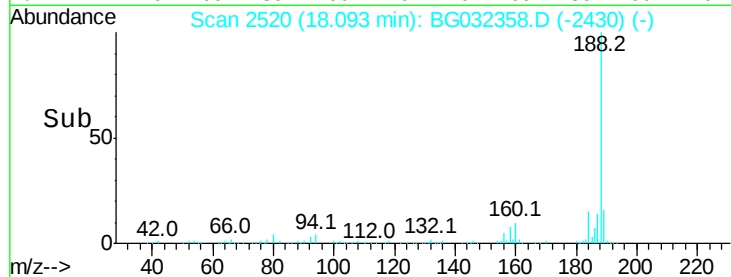
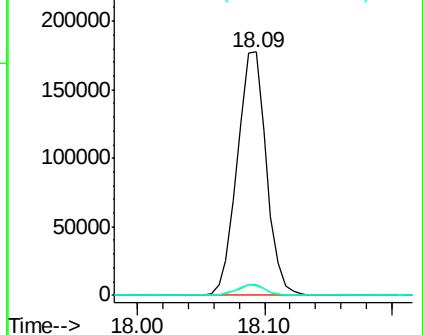
80 3.8 7.7 11.5#



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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

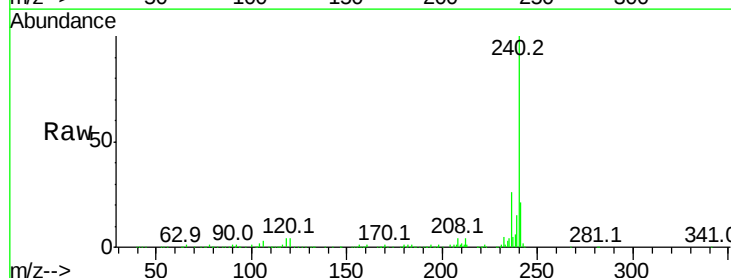
Tgt Ion:240 Resp: 369954

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

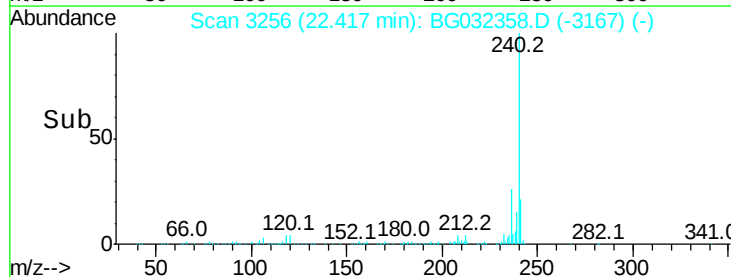
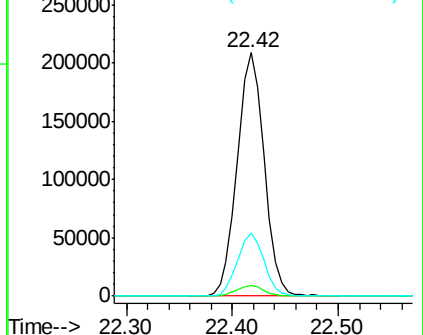
236 25.8 20.9 31.3

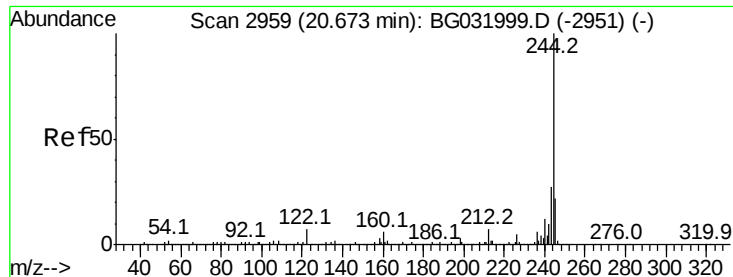


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.449 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

Instrument :

BNA_G

ClientSampled :

PB106058BL

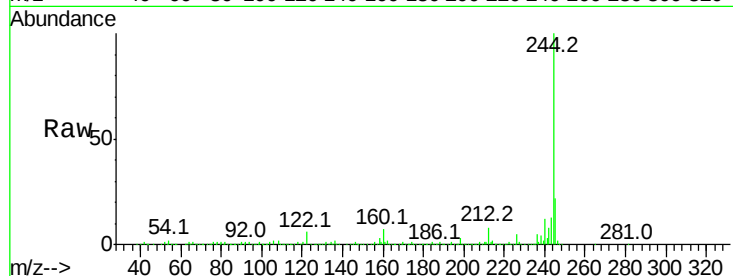
Tot Ion:244 Resp: 1465199

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

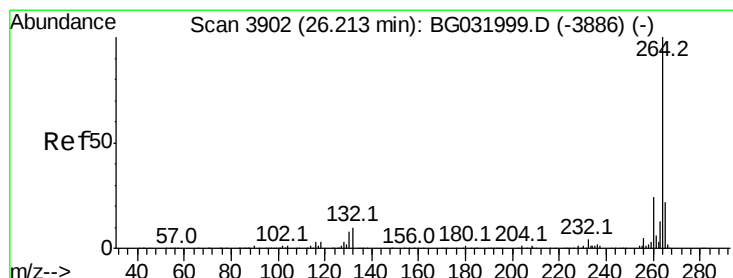
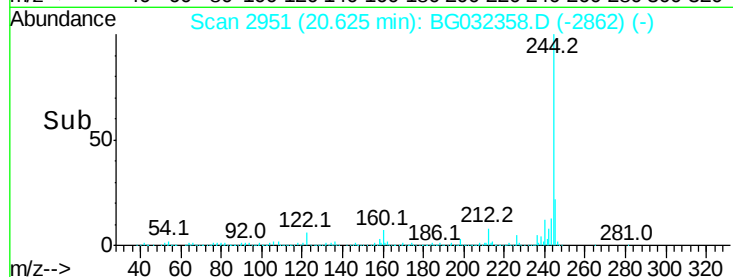
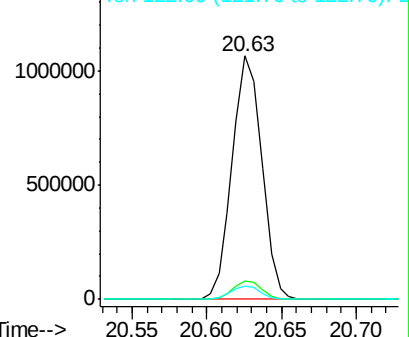
122 5.7 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032358.D

Acq: 27 Jan 2018 16:08

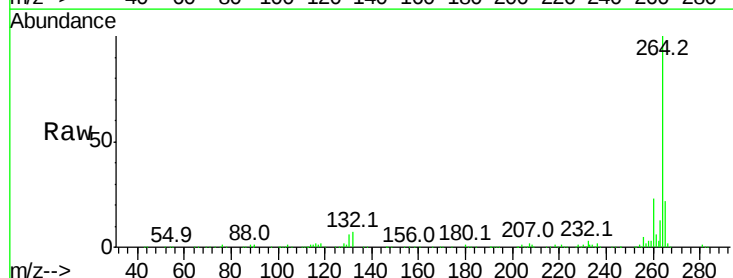
Tgt Ion:264 Resp: 396609

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.4 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

