

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032108.D
 Acq On : 17 Jan 2018 19:51
 Operator : SJ/JU
 Sample : PB105719BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105719BL

Quant Time: Jan 18 05:36:13 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50321	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	189238	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	124528	20.00	ng	-0.03
63) Phenanthrene-d10	18.11	188	347732	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	474110	20.00	ng	-0.04
86) Perylene-d12	26.14	264	497586	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	319230	116.03	ng	-0.03
7) Phenol-d6	7.85	99	385039	111.12	ng	-0.03
23) Nitrobenzene-d5	9.94	82	230941	82.56	ng	-0.04
41) 2,4,6-Tribromophenol	16.85	330	277380	134.61	ng	-0.03
44) 2-Fluorobiphenyl	14.00	172	775181	77.19	ng	-0.03
78) Terphenyl-d14	20.65	244	1675637	78.04	ng	-0.03

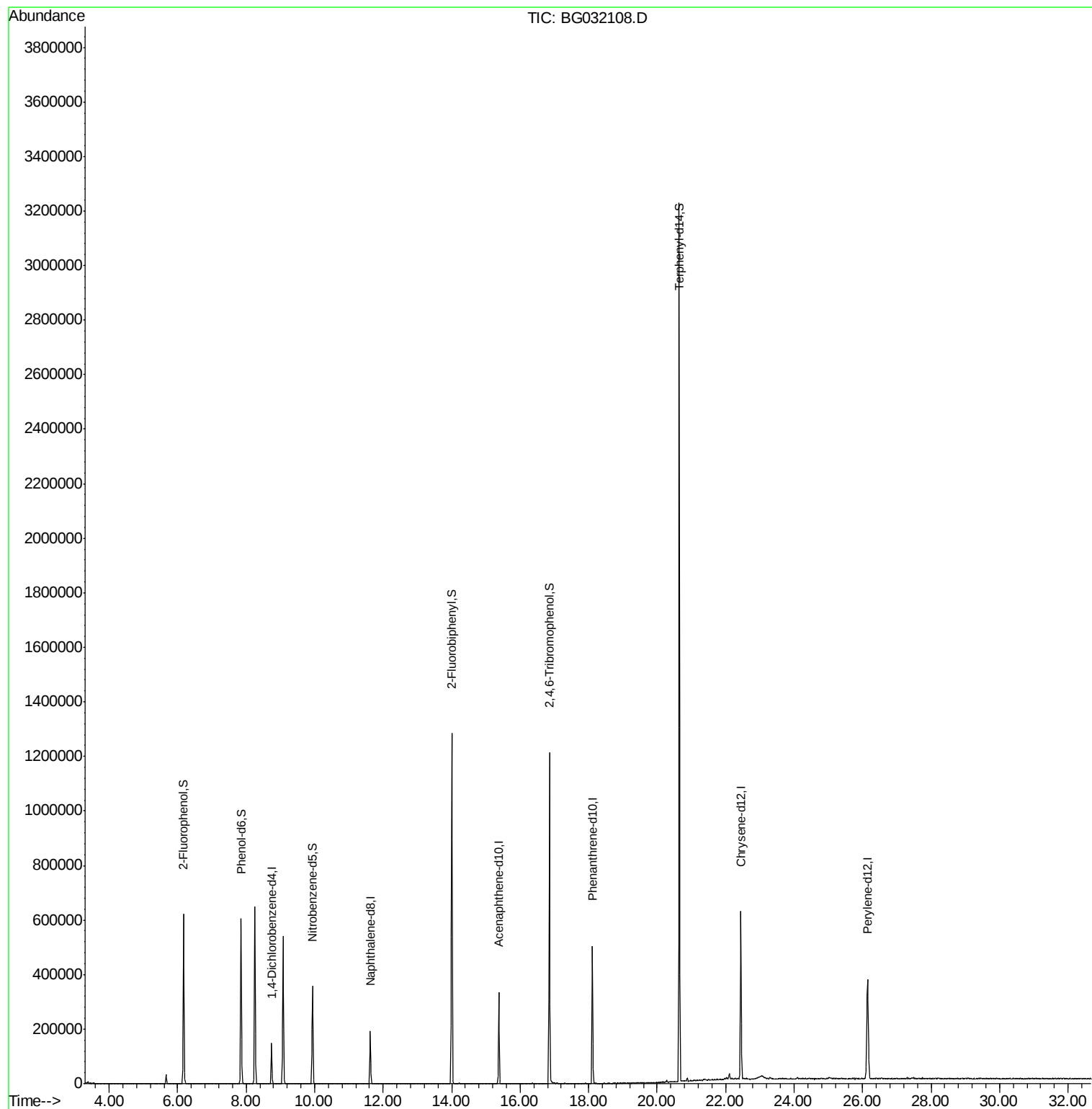
Target Compounds	Qvalue
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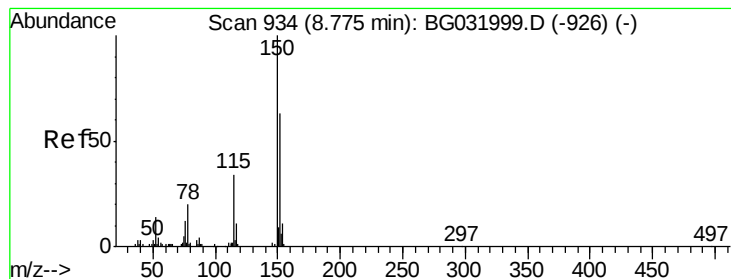
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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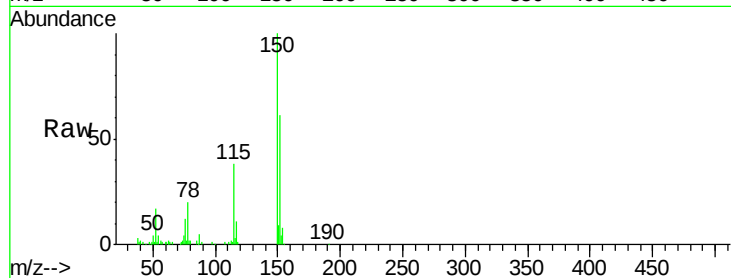


#1

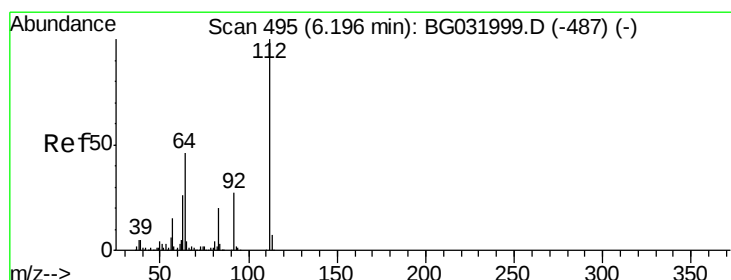
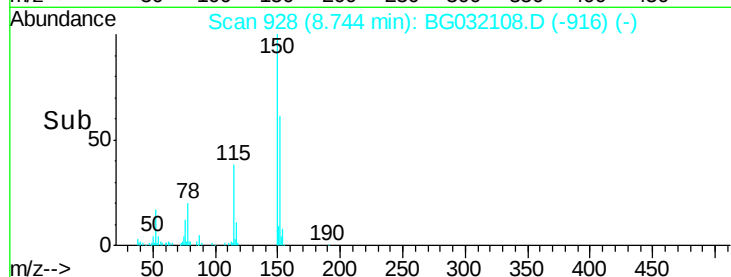
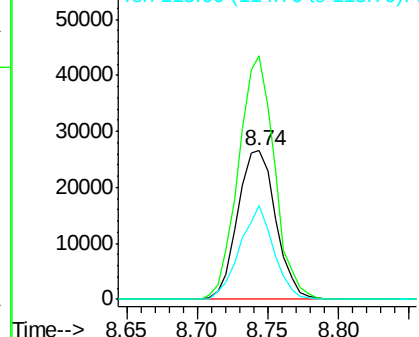
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

Instrument :
BNA_G
ClientSampleId :
PB105719BL

Tgt Ion:152 Resp: 50321
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 62.9 53.0 79.4



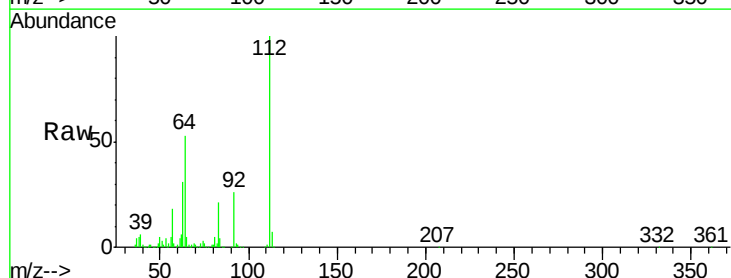
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



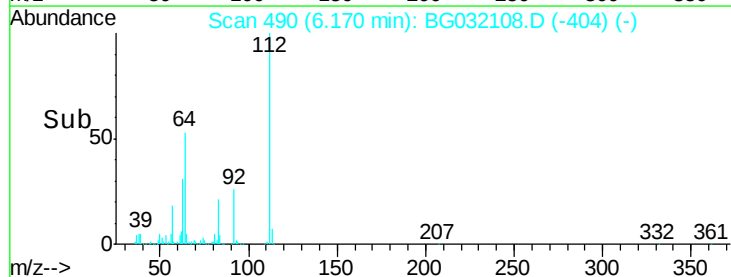
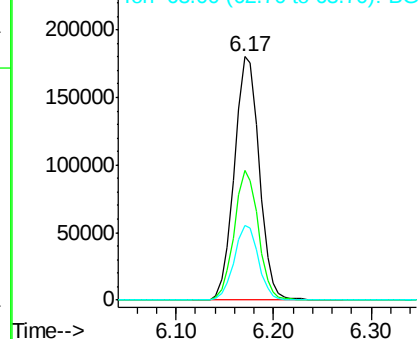
#5

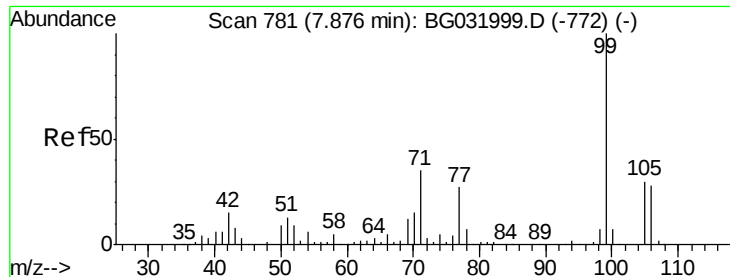
2-Fluorophenol
Concen: 116.025 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.03 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

Tgt Ion:112 Resp: 319230
Ion Ratio Lower Upper
112 100
64 53.5 56.3 84.5#
63 30.6 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: 111.116 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Instrument :

BNA_G

ClientSampleId :

PB105719BL

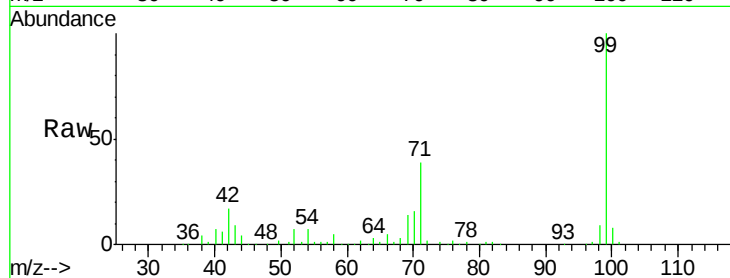
Tgt Ion: 99 Resp: 385039

Ion Ratio Lower Upper

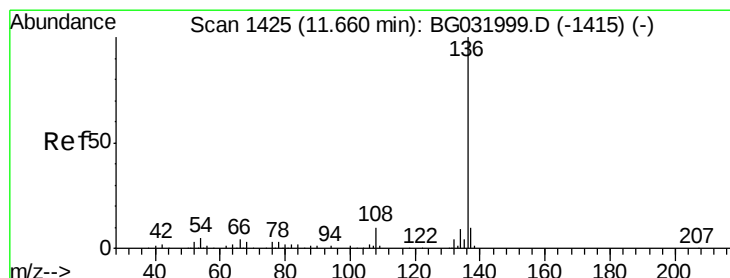
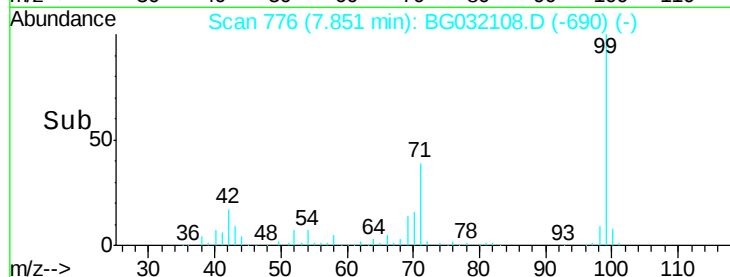
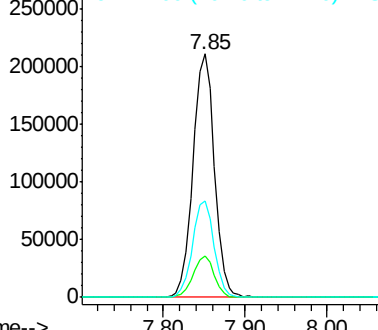
99 100

42 17.1 14.1 21.1

71 39.4 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: 11.62 min Scan# 1418

Delta R.T. -0.04 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Tgt Ion: 136 Resp: 189238

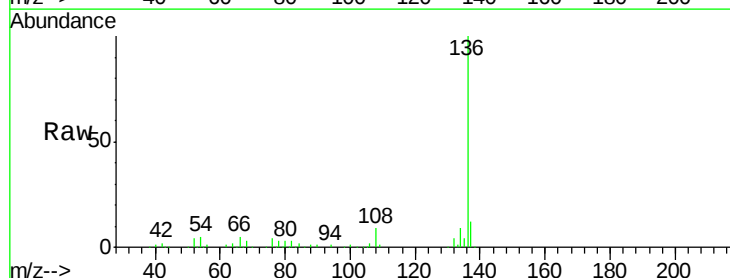
Ion Ratio Lower Upper

136 100

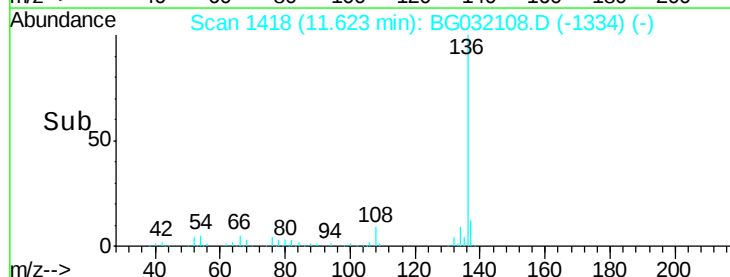
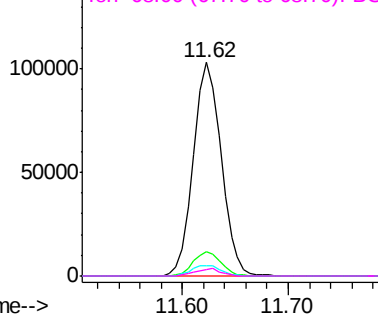
137 11.6 9.2 13.8

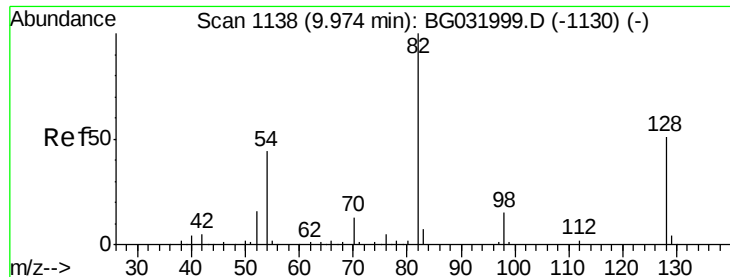
54 5.1 10.3 15.5#

68 3.0 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

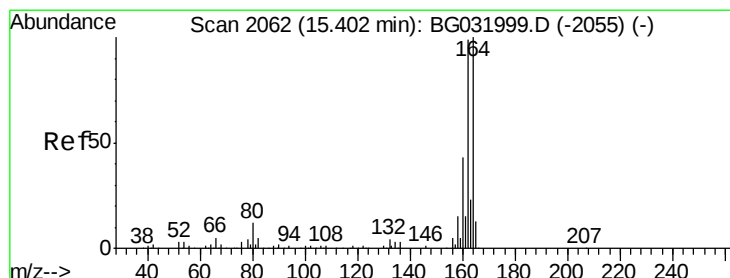
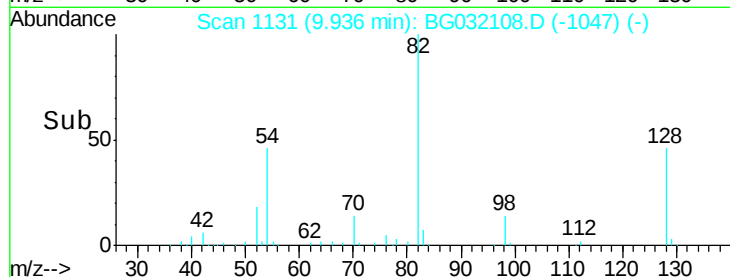
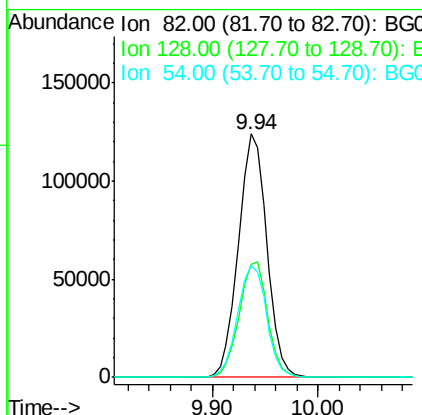
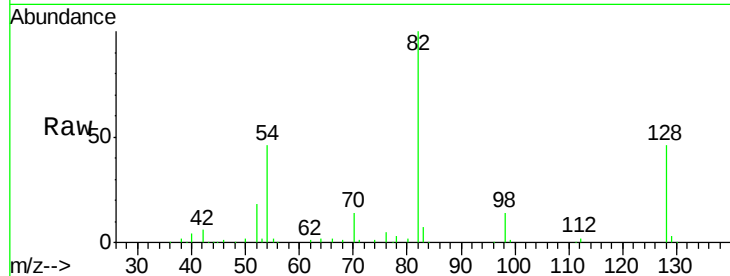




#23
 Nitrobenzene-d5
 Concen: 82.563 ng
 RT: 9.94 min Scan# 1131
 Delta R.T. -0.04 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

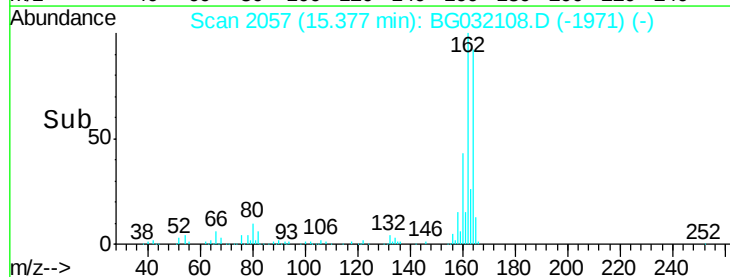
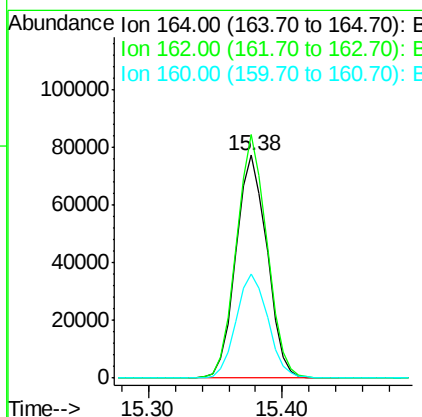
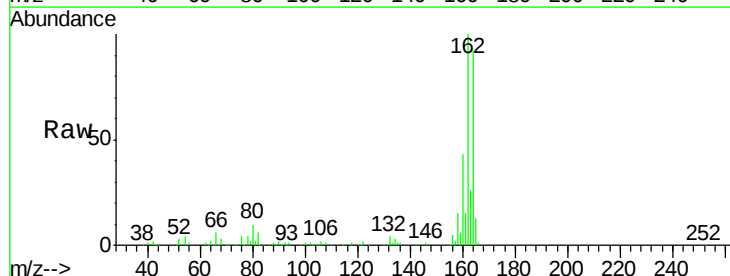
Instrument :
 BNA_G
 ClientSampleId :
 PB105719BL

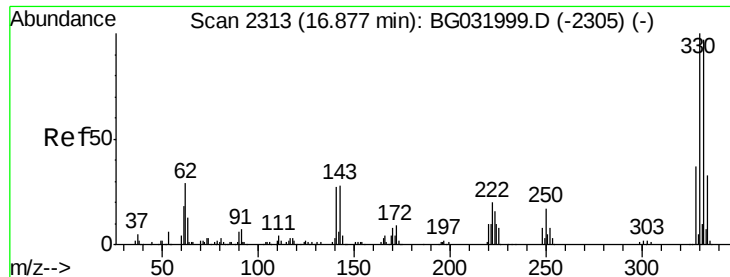
Tgt Ion: 82 Resp: 230941
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 45.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.03 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Tgt Ion: 164 Resp: 124528
 Ion Ratio Lower Upper
 164 100
 162 109.2 78.8 118.2
 160 46.4 35.4 53.0

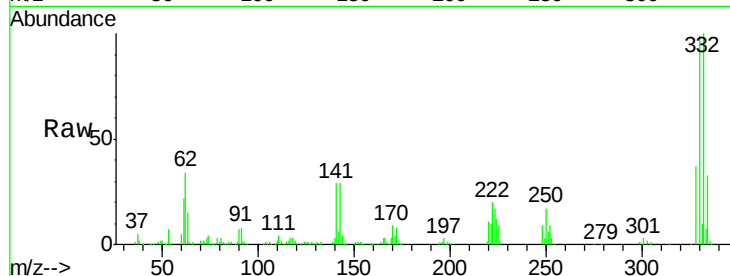




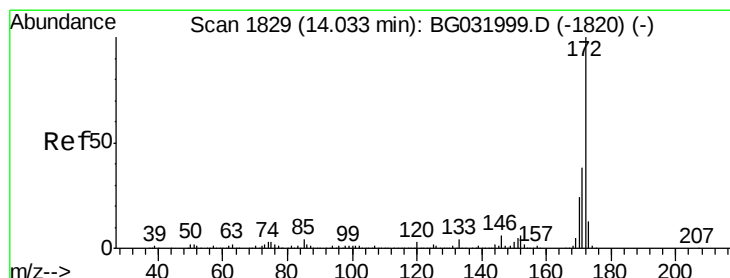
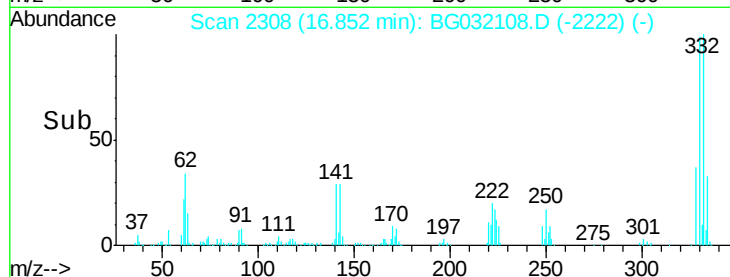
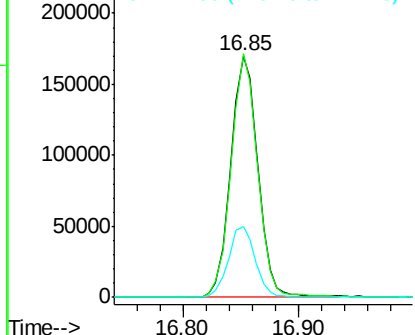
#41
 2,4,6-Tribromophenol
 Concen: 134.608 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.03 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105719BL

Tgt Ion:330 Resp: 277380
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 28.8 25.2 37.8

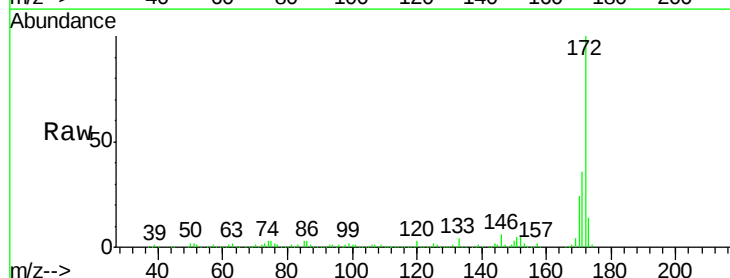


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

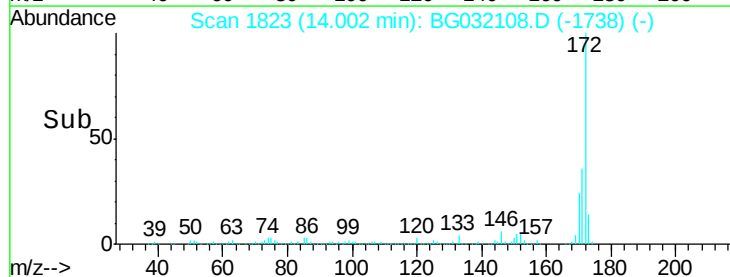
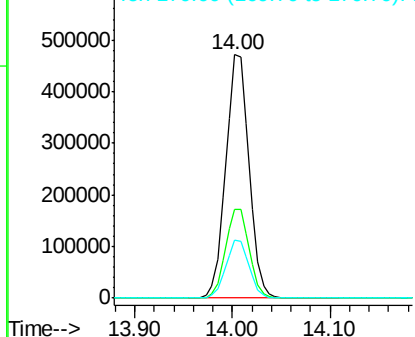


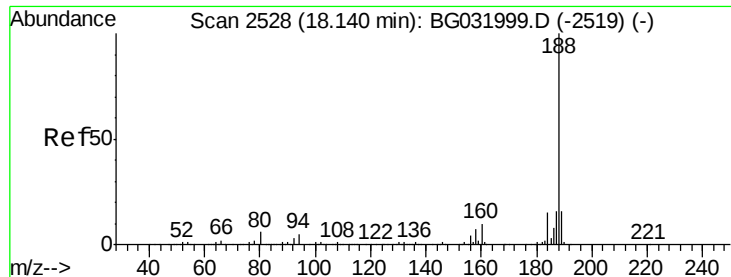
#44
 2-Fluorobiphenyl
 Concen: 77.186 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. -0.03 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Tgt Ion:172 Resp: 775181
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

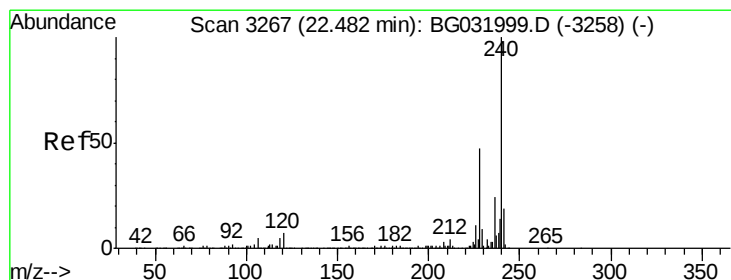
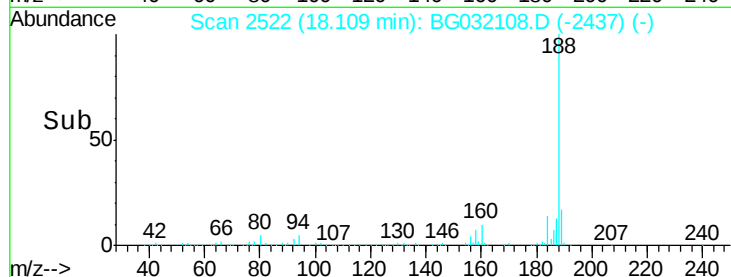
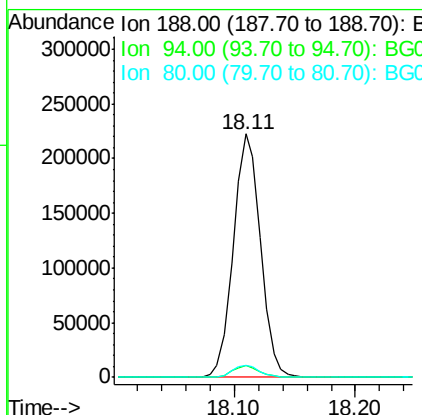
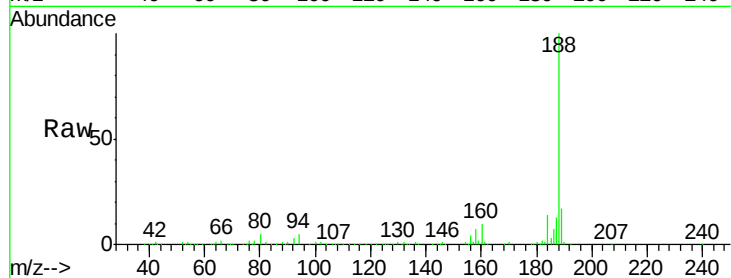




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.03 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

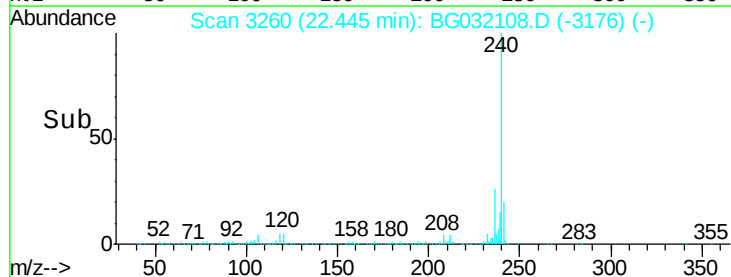
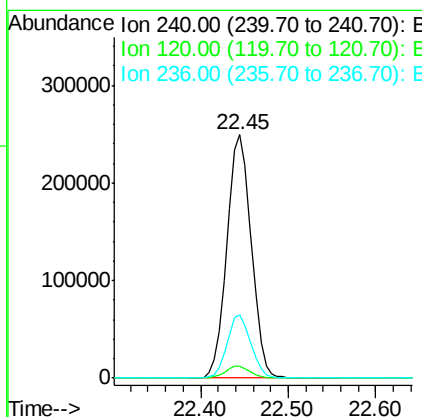
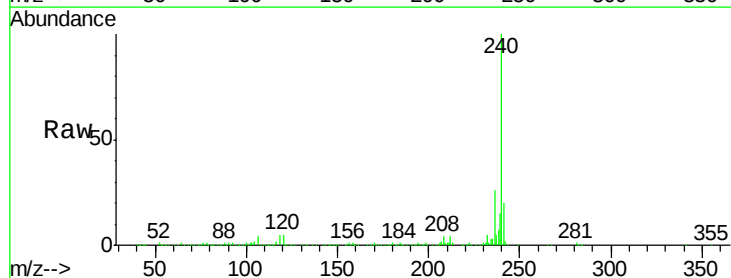
Instrument :
BNA_G
ClientSampleId :
PB105719BL

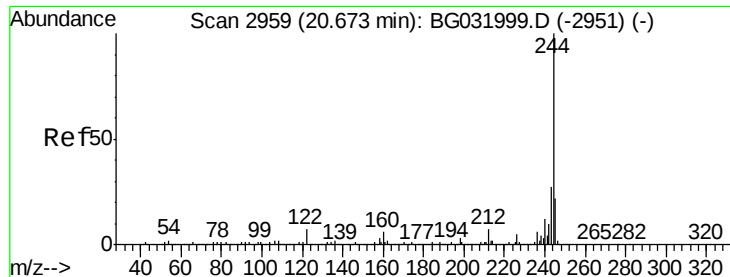
Tgt Ion:188 Resp: 347732
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3260
Delta R.T. -0.04 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

Tgt Ion:240 Resp: 474110
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 78.038 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.03 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Instrument :

BNA_G

ClientSampleId :

PB105719BL

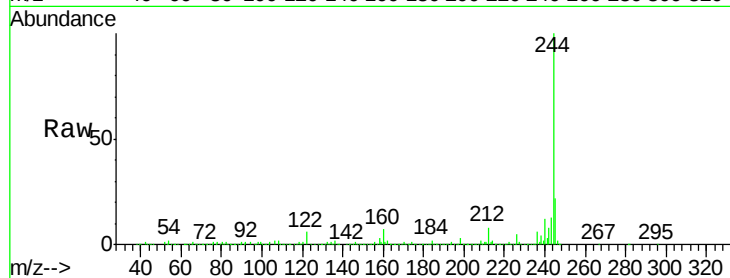
Tgt Ion:244 Resp: 1675637

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

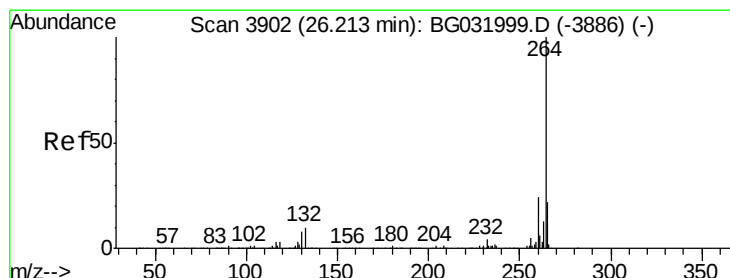
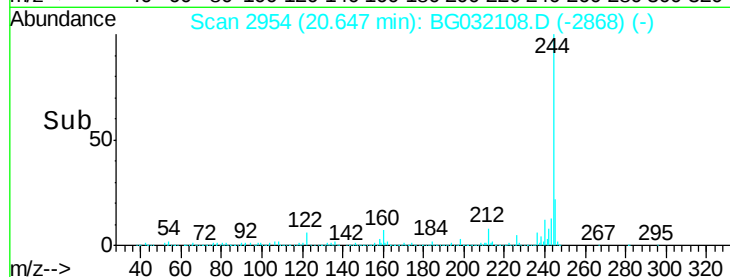
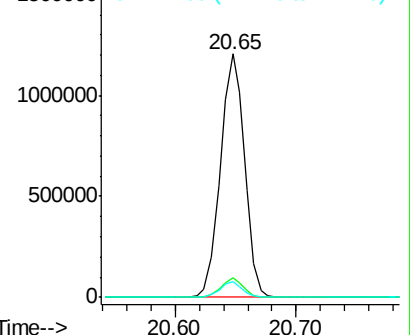
122 6.2 7.0 10.4#



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# 3889

Delta R.T. -0.07 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

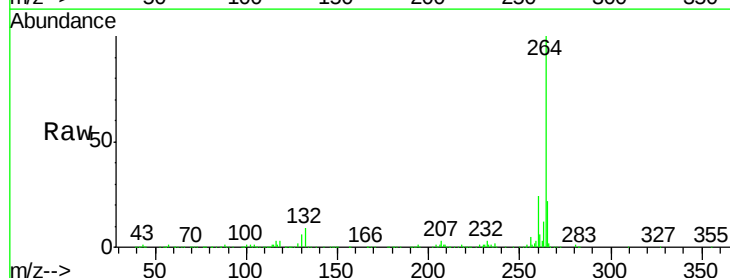
Tgt Ion:264 Resp: 497586

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.2 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

