

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032439.D
 Acq On : 30 Jan 2018 9:04
 Operator : SJ/JU
 Sample : PB106136BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106136BL

Quant Time: Jan 30 11:12:25 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25400	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	102501	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	76521	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	224447	20.00	ng	0.00
75) Chrysene-d12	22.42	240	281747	20.00	ng	0.00
86) Perylene-d12	26.10	264	303343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	167643	132.57	ng	0.00
7) Phenol-d6	7.84	99	205250	121.63	ng	0.00
23) Nitrobenzene-d5	9.91	82	121435	74.00	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	37427	25.70	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	477555	74.18	ng	0.00
78) Terphenyl-d14	20.63	244	1101241	83.73	ng	0.00

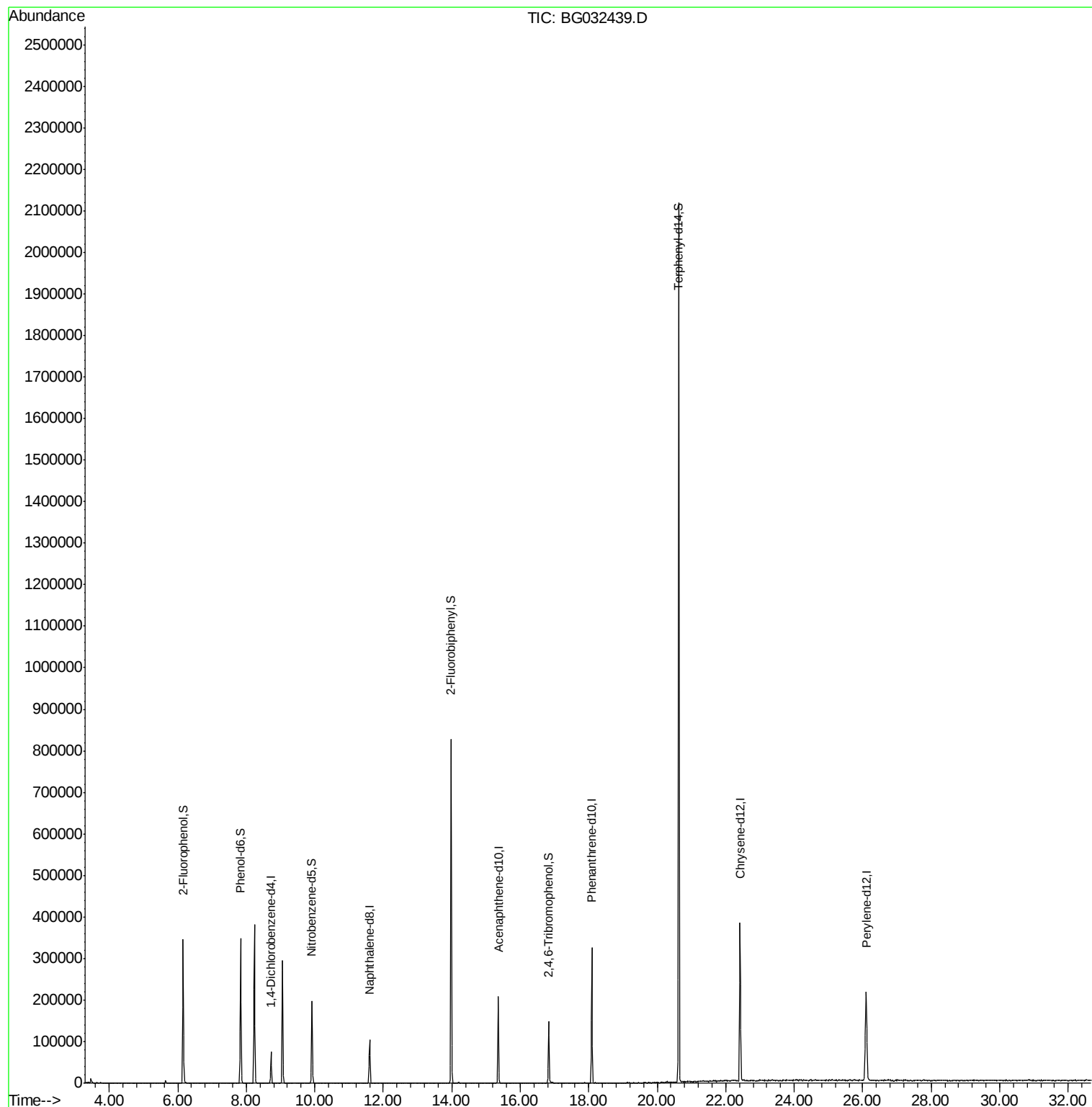
Target Compounds	Qvalue
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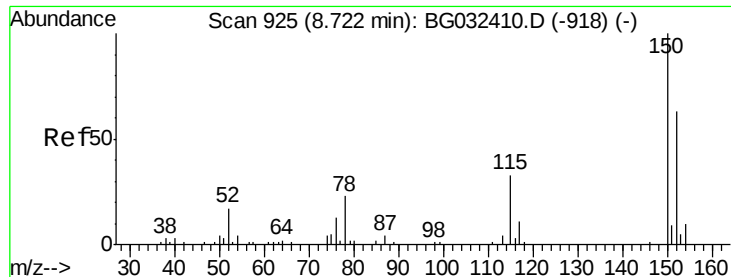
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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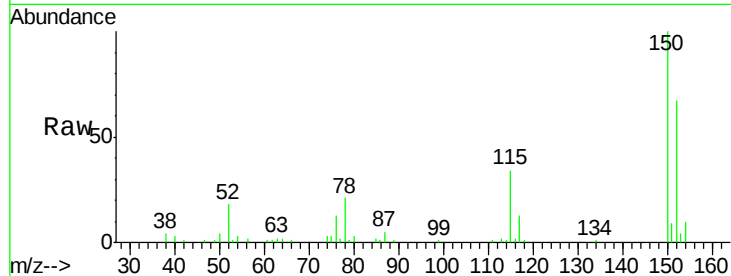


#1

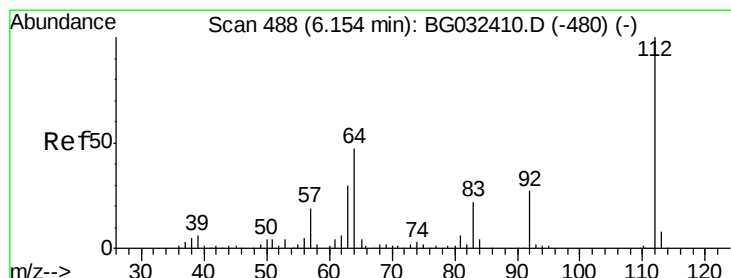
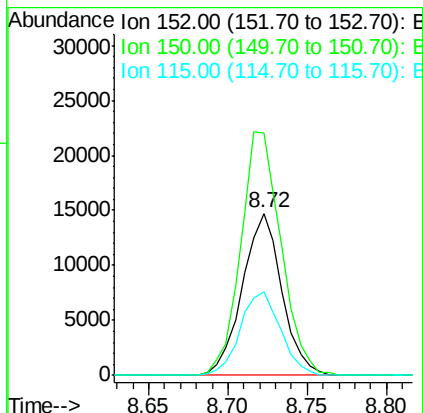
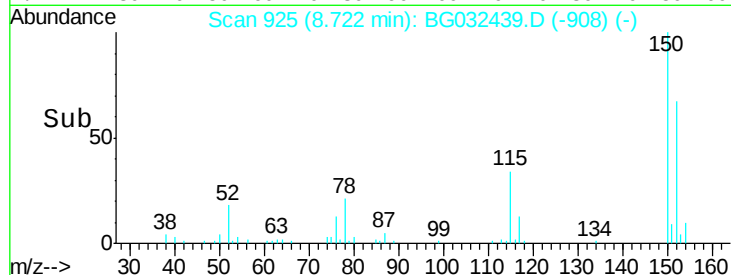
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032439.D
Acq: 30 Jan 2018 9:04

Instrument :
BNA_G
ClientSampleId :
PB106136BL

Tgt Ion:152 Resp: 25400
Ion Ratio Lower Upper
152 100
150 149.5 126.6 189.8
115 51.2 53.0 79.4#



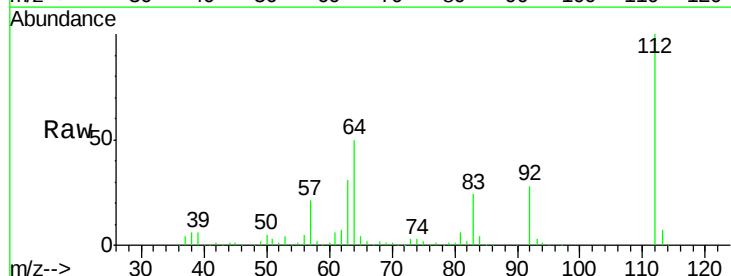
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



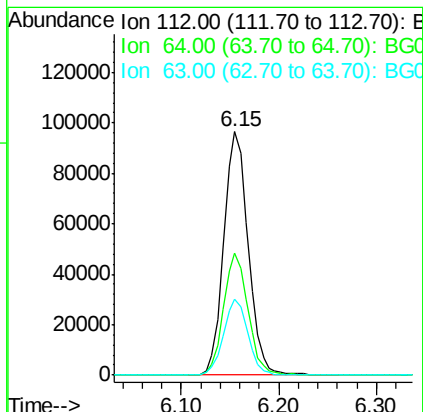
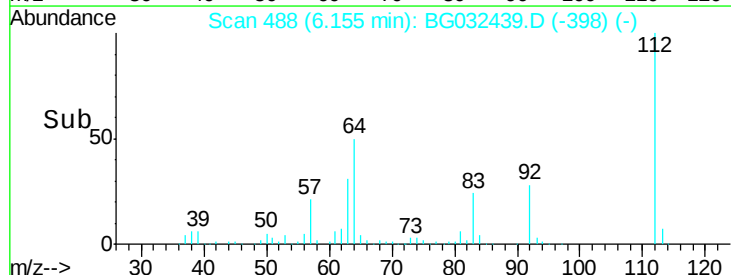
#5

2-Fluorophenol
Concen: 132.567 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032439.D
Acq: 30 Jan 2018 9:04

Tgt Ion:112 Resp: 167643
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 31.4 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: 121.630 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

Instrument :

BNA_G

ClientSampleId :

PB106136BL

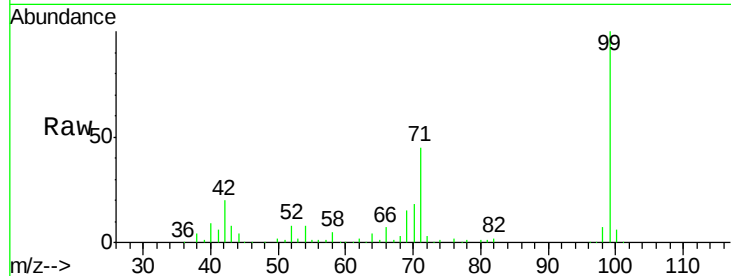
Tgt Ion: 99 Resp: 205250

Ion Ratio Lower Upper

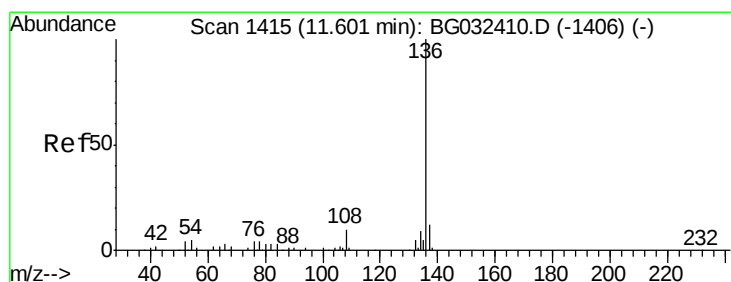
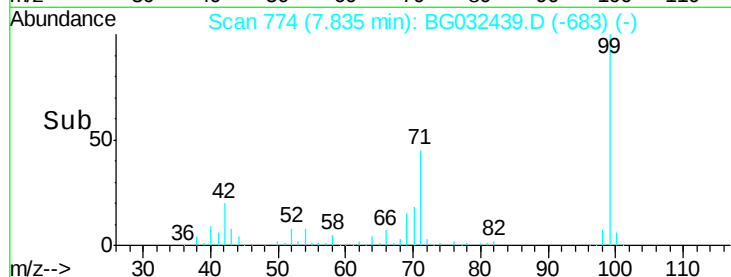
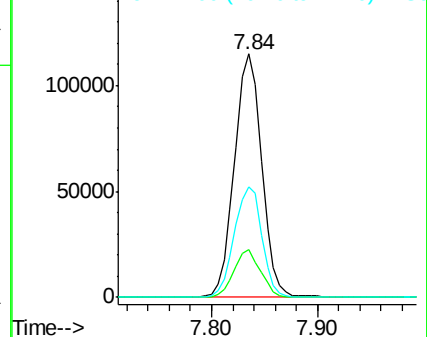
99 100

42 19.6 14.1 21.1

71 45.3 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. 0.00 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

Tgt Ion: 136 Resp: 102501

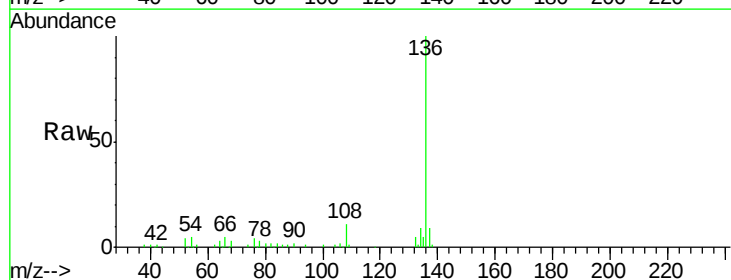
Ion Ratio Lower Upper

136 100

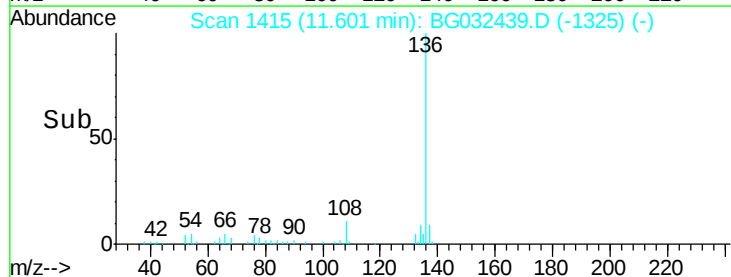
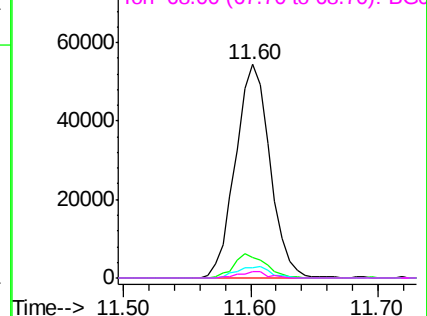
137 9.3 9.2 13.8

54 5.2 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

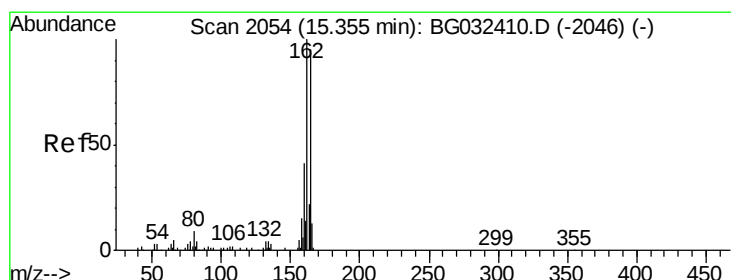
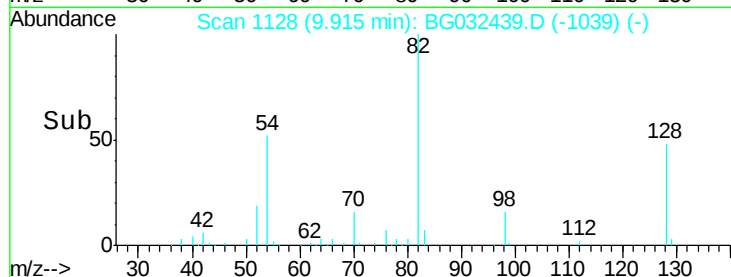
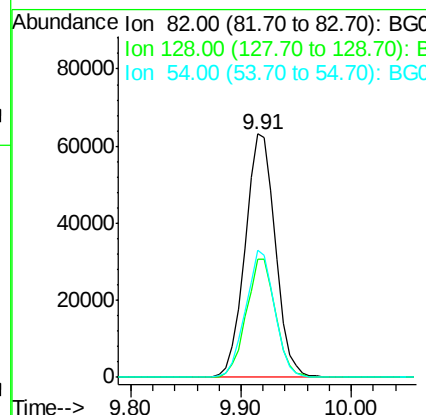
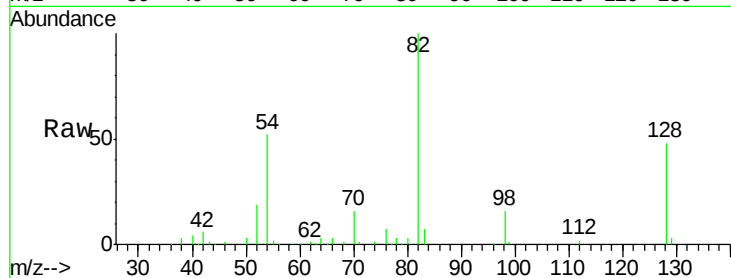




#23
 Nitrobenzene-d5
 Concen: 73.998 ng
 RT: 9.91 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032439.D
 Acq: 30 Jan 2018 9:04

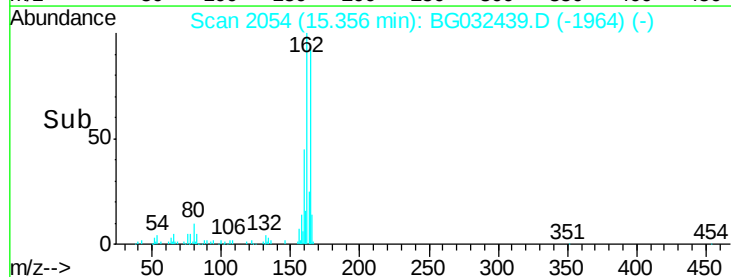
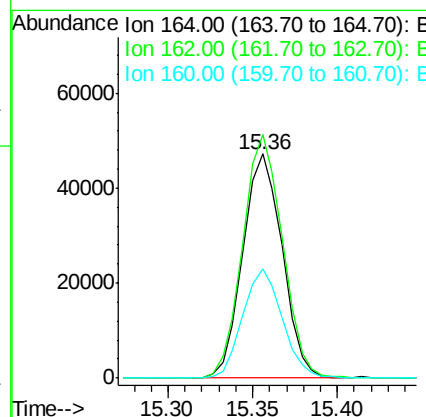
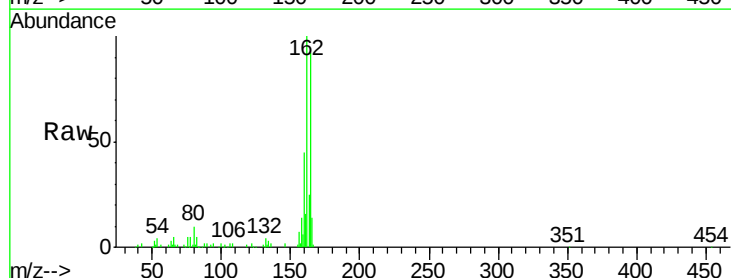
Instrument :
 BNA_G
 ClientSampleId :
 PB106136BL

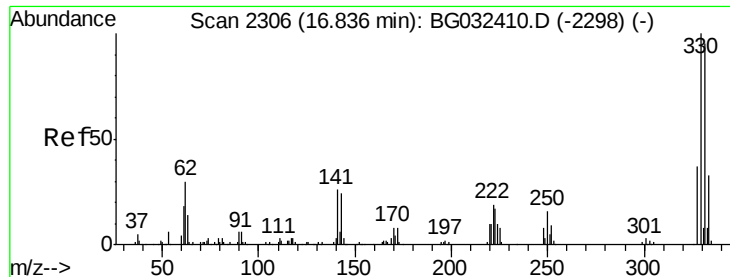
Tgt Ion: 82 Resp: 121435
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 52.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG032439.D
 Acq: 30 Jan 2018 9:04

Tgt Ion: 164 Resp: 76521
 Ion Ratio Lower Upper
 164 100
 162 108.6 78.8 118.2
 160 48.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 25.695 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

Instrument :

BNA_G

ClientSampleId :

PB106136BL

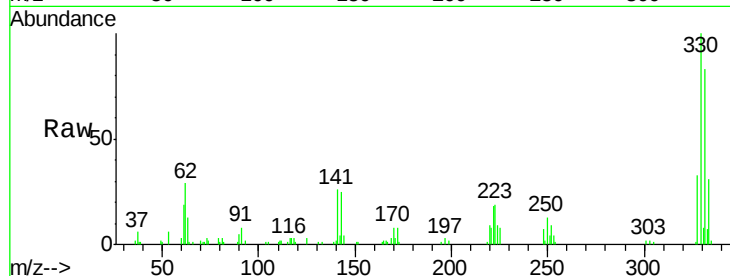
Tgt Ion:330 Resp: 37427

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

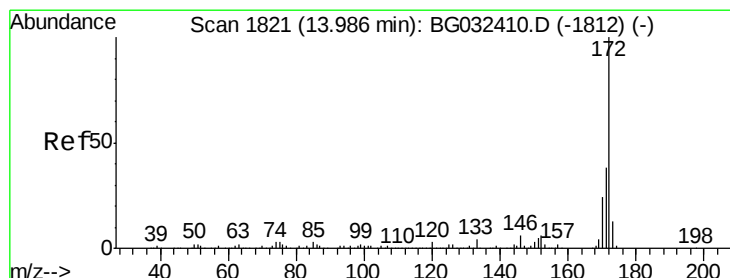
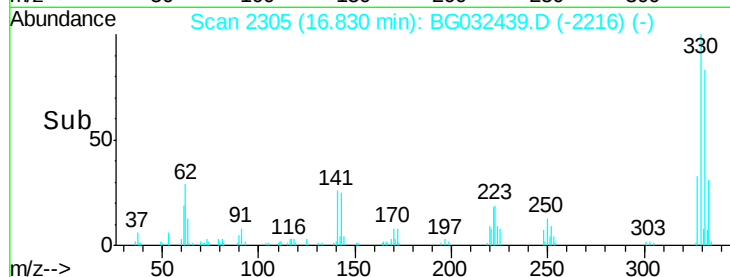
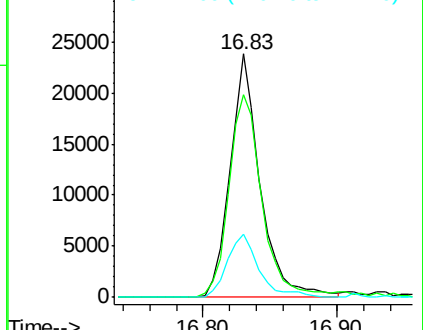
141 27.3 25.2 37.8



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: 74.177 ng

RT: 13.98 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

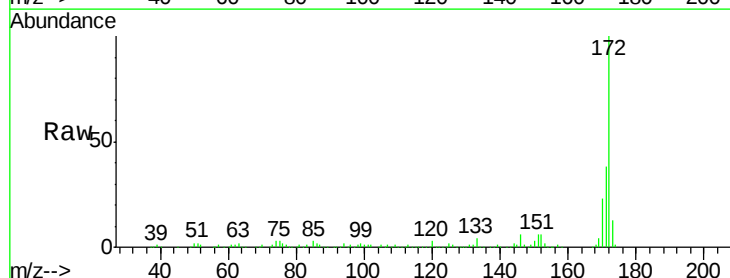
Tgt Ion:172 Resp: 477555

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

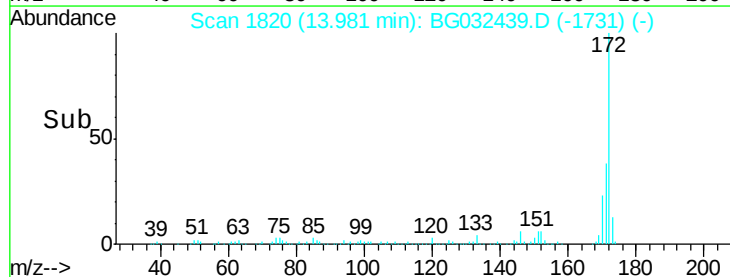
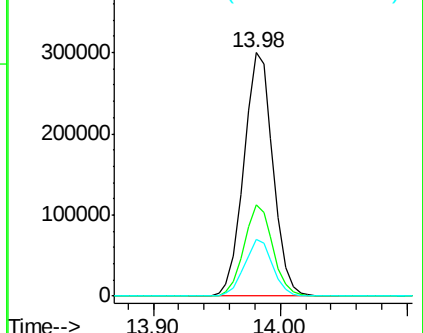
170 23.3 19.5 29.3

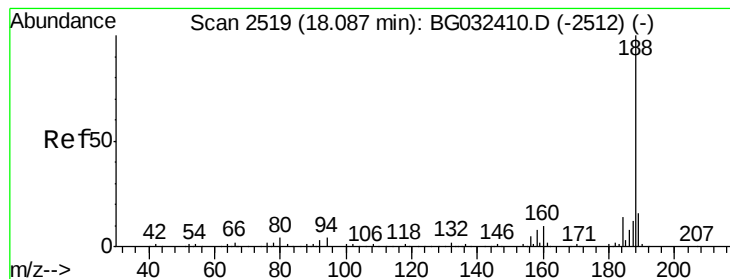


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

Instrument :

BNA_G

ClientSampleId :

PB106136BL

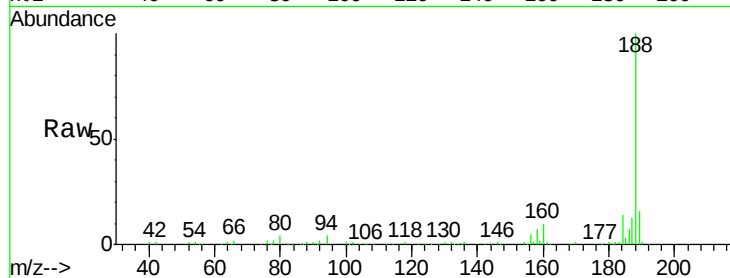
Tgt Ion:188 Resp: 224447

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

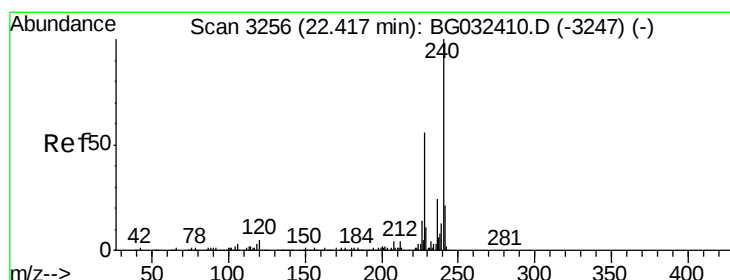
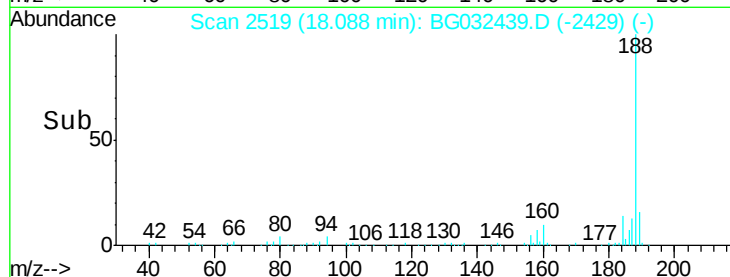
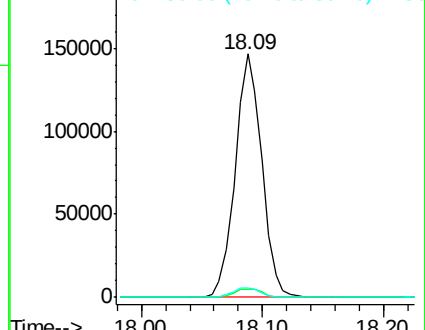
80 4.0 7.7 11.5#



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. 0.00 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

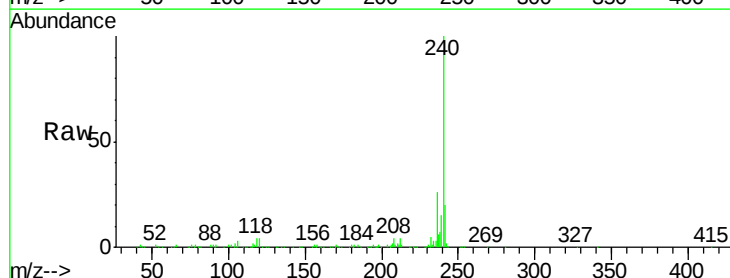
Tgt Ion:240 Resp: 281747

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

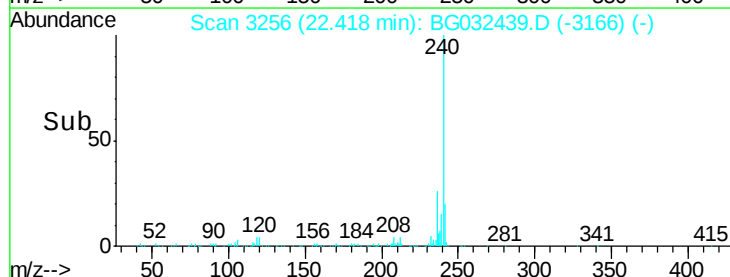
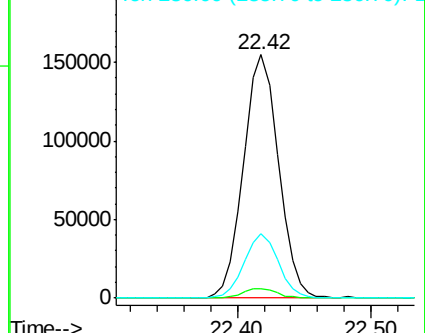
236 26.5 20.9 31.3

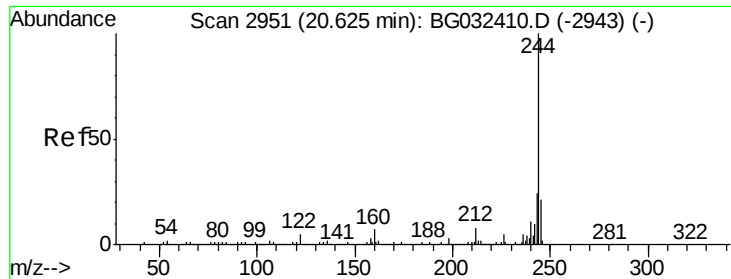


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.726 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

Instrument :

BNA_G

ClientSampleId :

PB106136BL

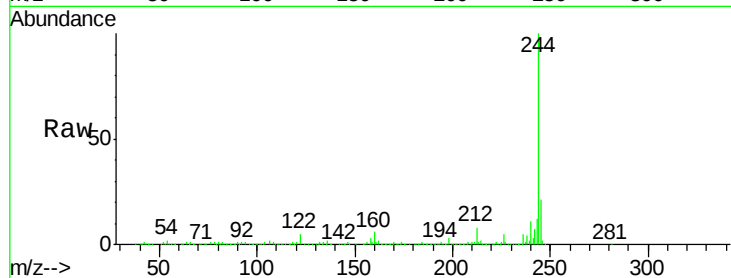
Tgt Ion:244 Resp: 1101241

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

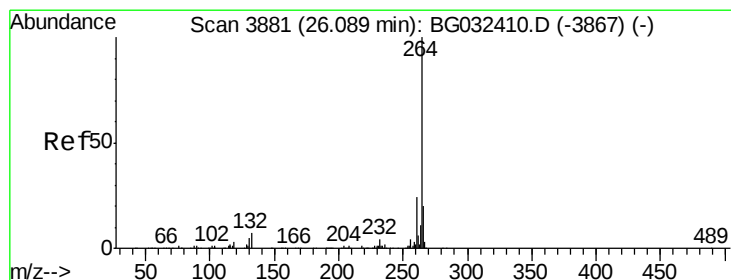
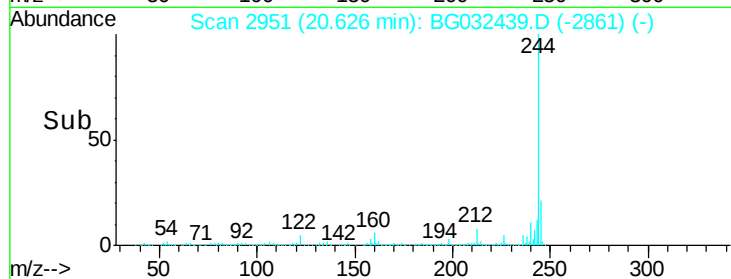
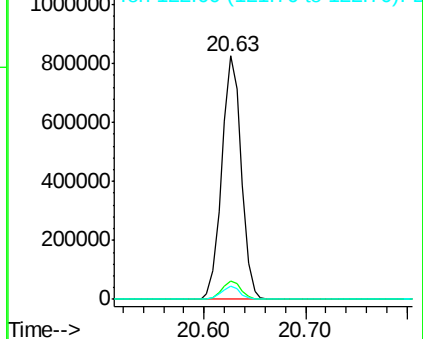
122 5.4 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. 0.01 min

Lab File: BG032439.D

Acq: 30 Jan 2018 9:04

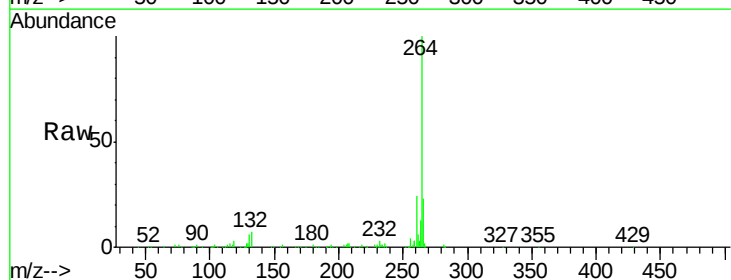
Tgt Ion:264 Resp: 303343

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.6 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

