

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030916.D
 Acq On : 10 Nov 2017 21:06
 Operator : SJ/JU
 Sample : PB104116BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104116BL

Quant Time: Nov 11 05:02:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48769	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	208824	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	144589	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	399314	20.00	ng	0.00
75) Chrysene-d12	21.77	240	509238	20.00	ng	-0.02
86) Perylene-d12	25.07	264	499448	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	325793	114.55	ng	0.00
7) Phenol-d6	7.31	99	415838	108.53	ng	0.00
23) Nitrobenzene-d5	9.31	82	246623	69.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	262125	112.07	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	720210	71.57	ng	-0.02
78) Terphenyl-d14	20.09	244	1522798	66.03	ng	0.00

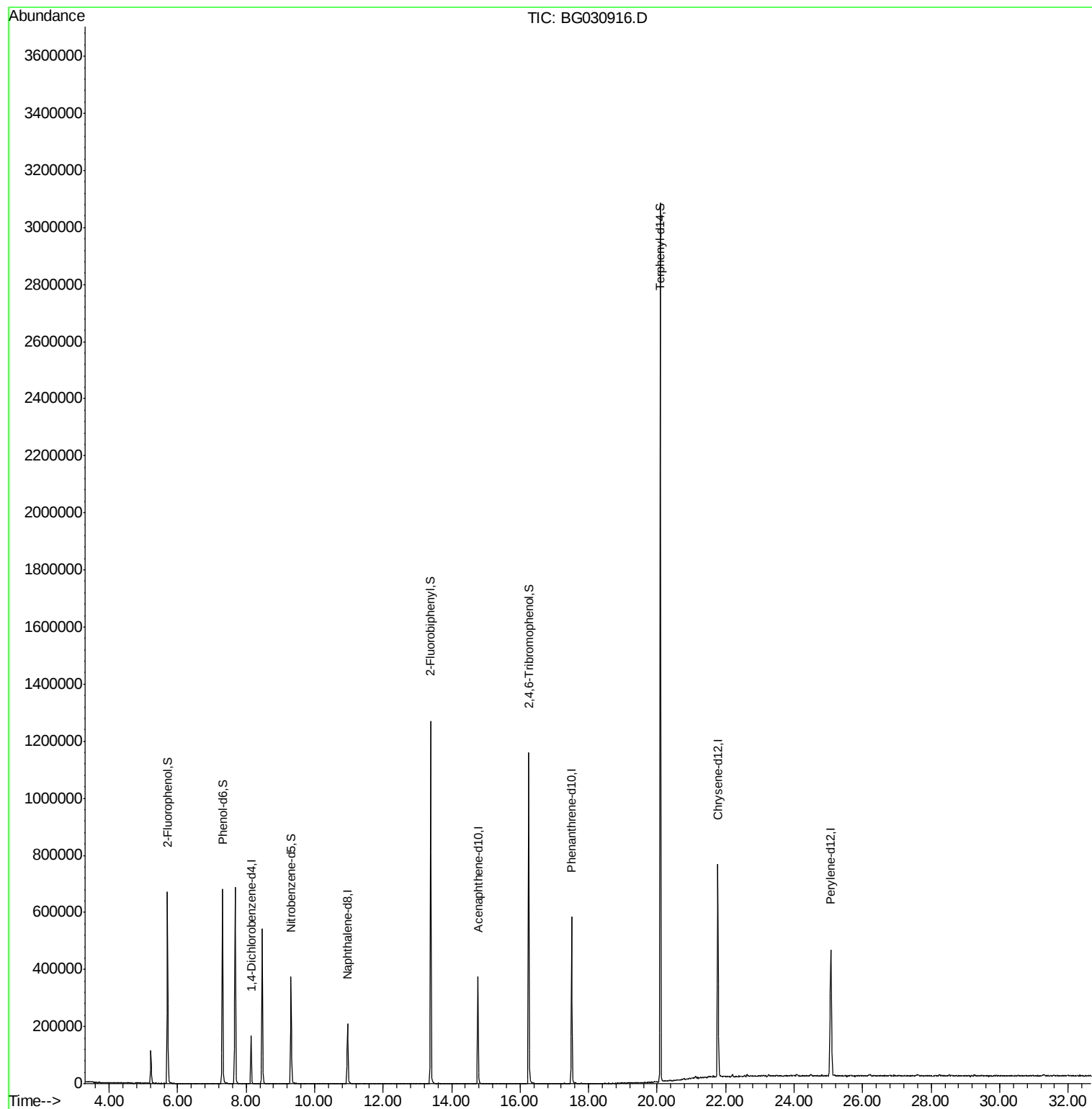
Target Compounds Qvalue

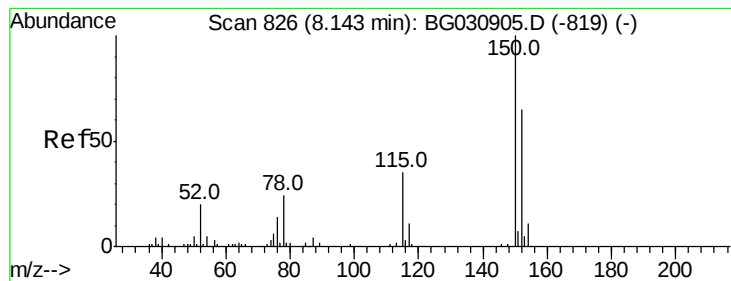
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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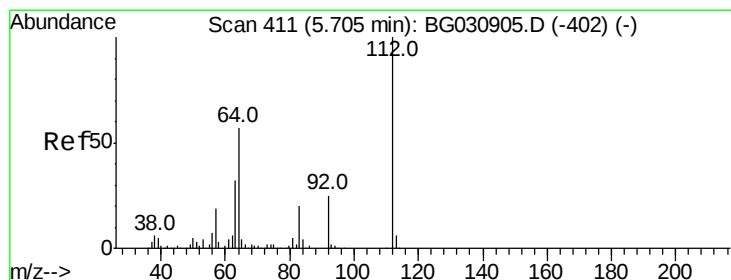
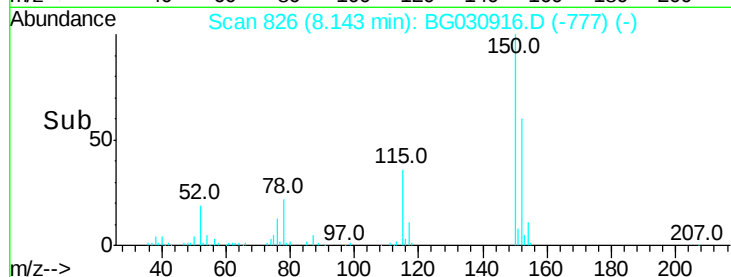
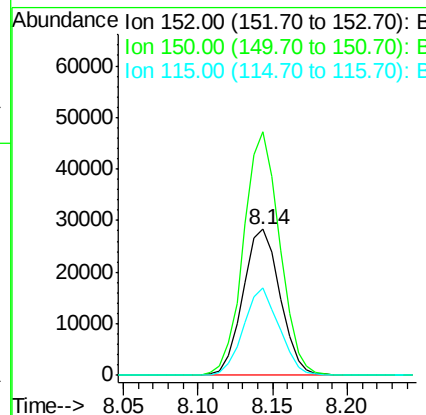
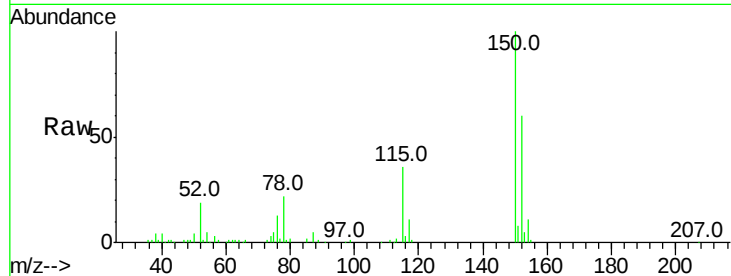


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030916.D
Acq: 10 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
PB104116BL

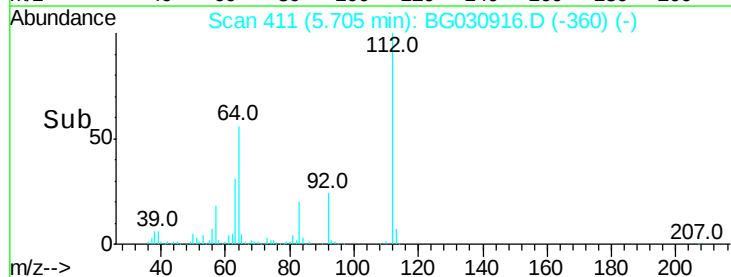
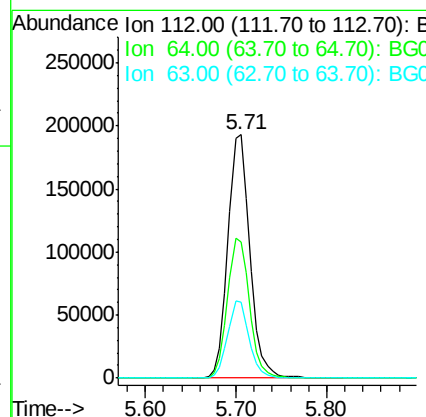
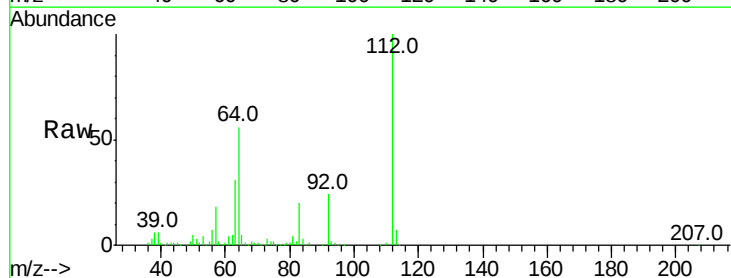
Tot Ion:152 Resp: 48769
Ion Ratio Lower Upper
152 100
150 166.9 126.6 189.8
115 60.2 53.0 79.4

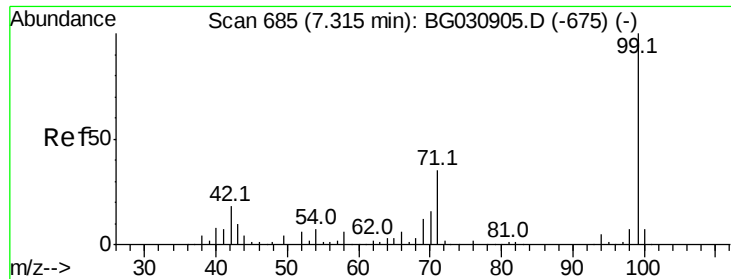


#5

2-Fluorophenol
Concen: 114.552 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030916.D
Acq: 10 Nov 2017 21:06

Tgt Ion:112 Resp: 325793
Ion Ratio Lower Upper
112 100
64 55.8 56.3 84.5#
63 31.1 30.1 45.1





#7

Phenol-d6

Concen: 108.529 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

PB104116BL

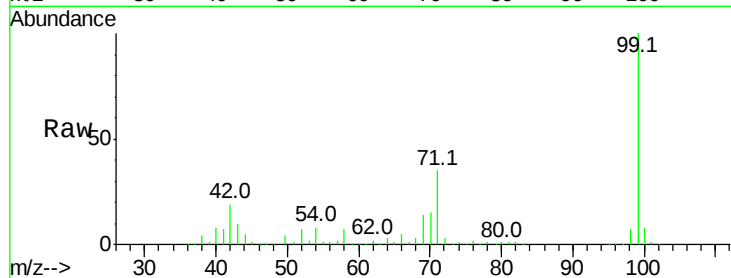
Tot Ion: 99 Resp: 415838

Ion Ratio Lower Upper

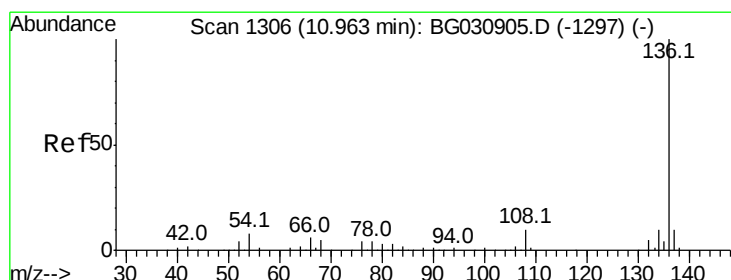
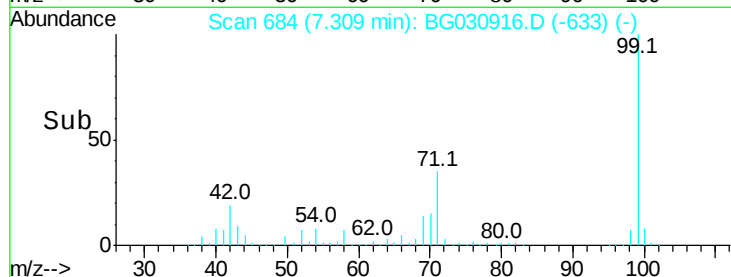
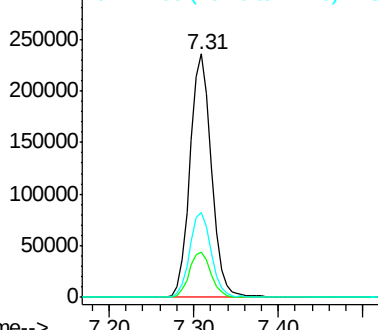
99 100

42 18.5 14.1 21.1

71 34.8 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Tgt Ion: 136 Resp: 208824

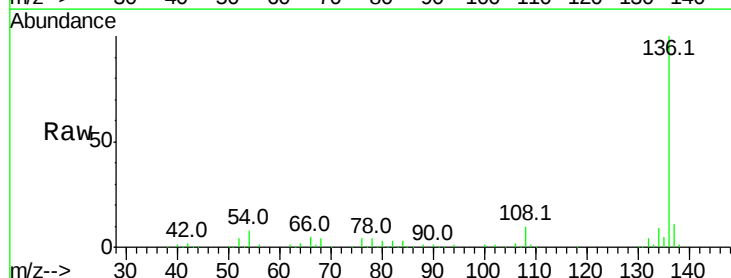
Ion Ratio Lower Upper

136 100

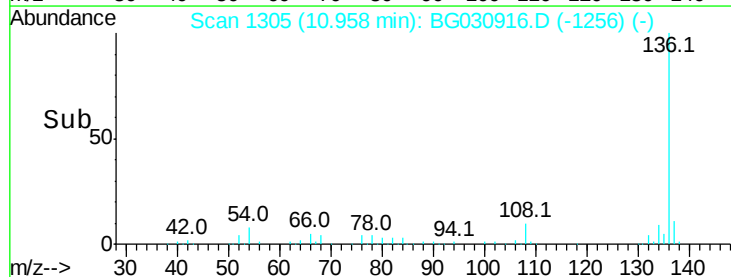
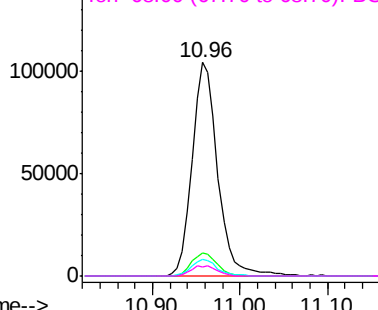
137 10.7 9.2 13.8

54 8.1 10.3 15.5#

68 4.5 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

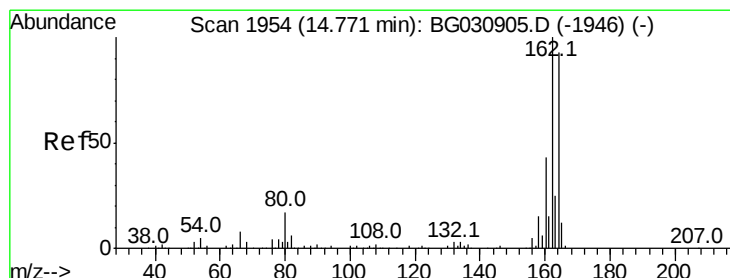
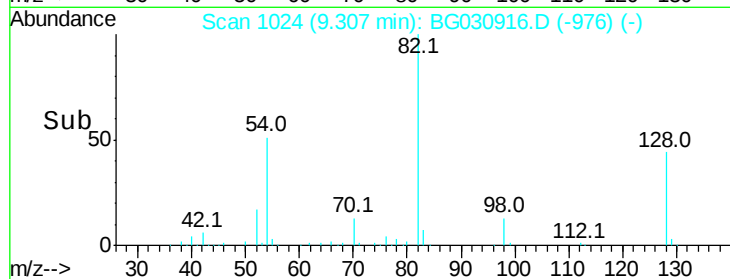
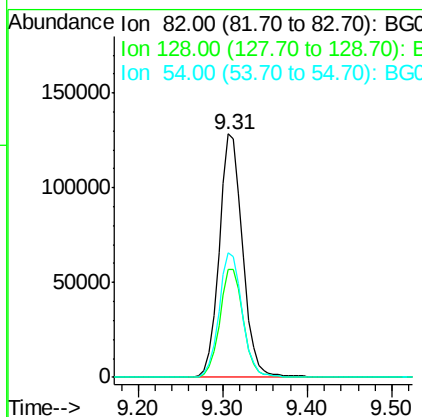
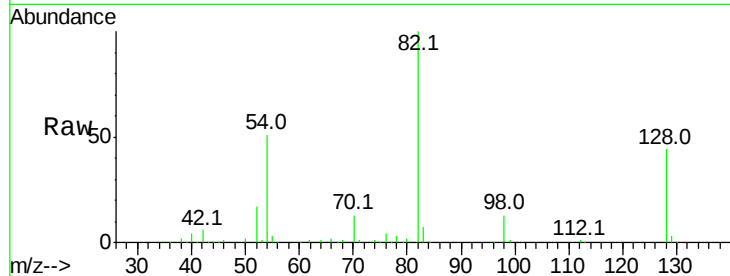




#23
 Nitrobenzene-d5
 Concen: 69.982 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030916.D
 Acq: 10 Nov 2017 21:06

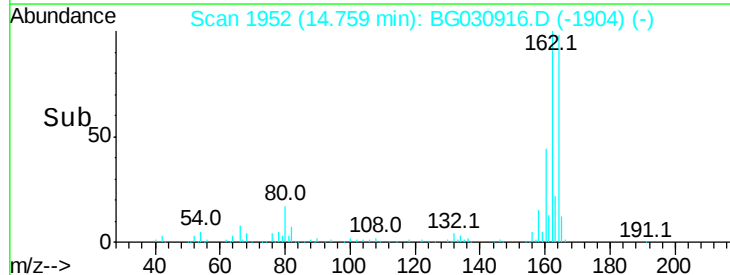
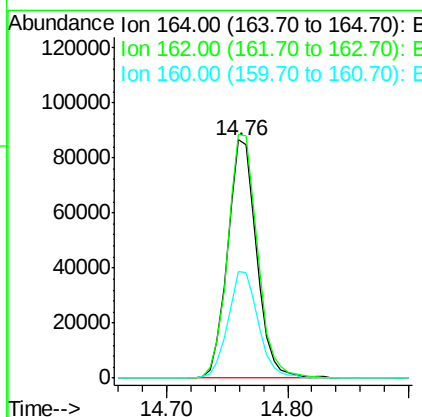
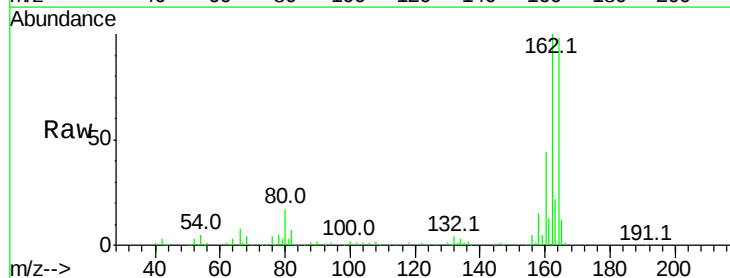
Instrument :
 BNA_G
 ClientSampleId :
 PB104116BL

Tot Ion: 82 Resp: 246623
 Ion Ratio Lower Upper
 82 100
 128 44.3 29.7 44.5
 54 50.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030916.D
 Acq: 10 Nov 2017 21:06

Tgt Ion:164 Resp: 144589
 Ion Ratio Lower Upper
 164 100
 162 102.2 78.8 118.2
 160 44.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 112.068 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

PB104116BL

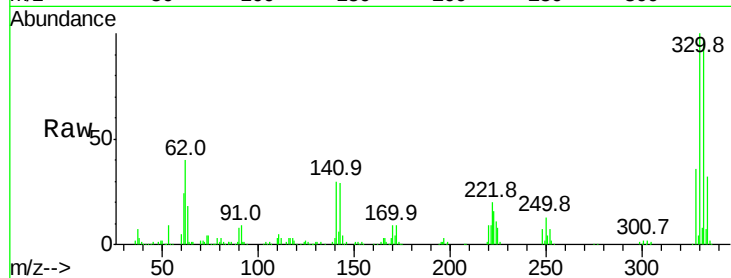
Tot Ion:330 Resp: 262125

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

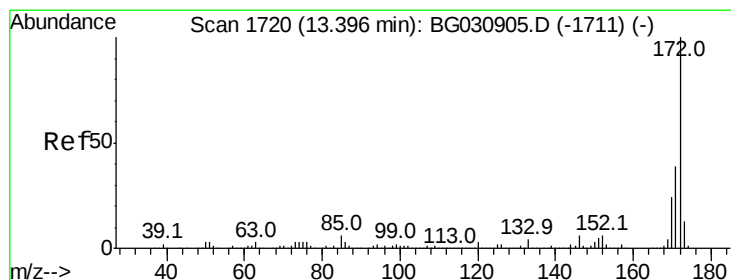
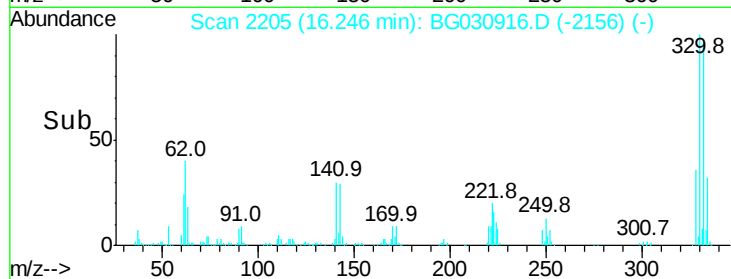
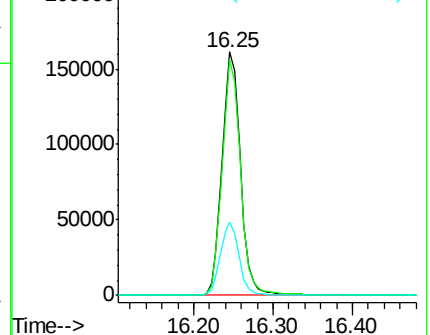
141 30.3 25.2 37.8



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: 71.573 ng

RT: 13.38 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

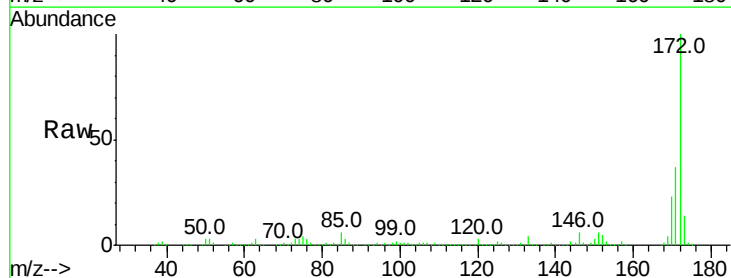
Tgt Ion:172 Resp: 720210

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

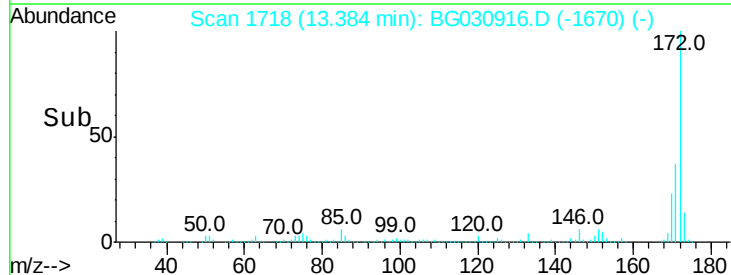
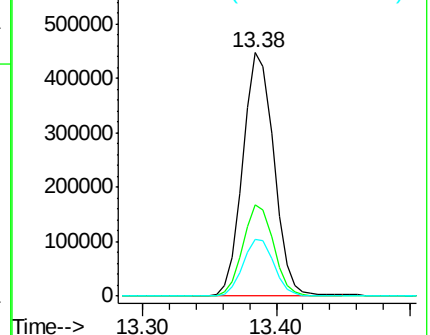
170 23.3 19.5 29.3



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

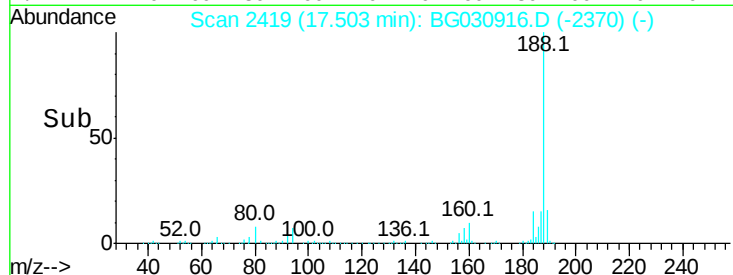
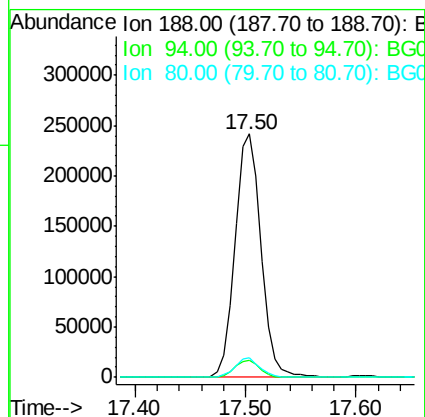
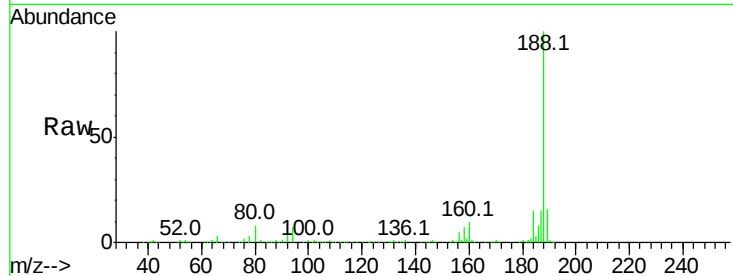




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030916.D
Acq: 10 Nov 2017 21:06

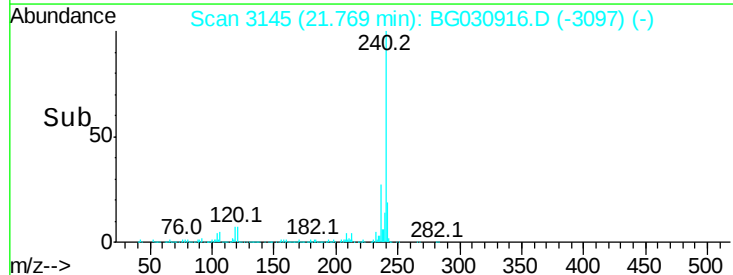
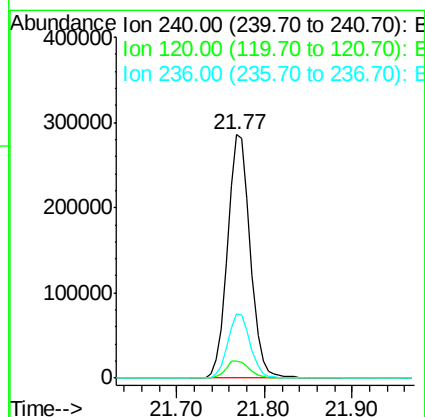
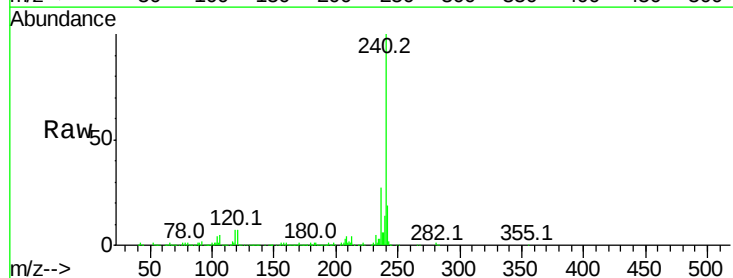
Instrument :
BNA_G
ClientSampleId :
PB104116BL

Tot Ion:188 Resp: 399314
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030916.D
Acq: 10 Nov 2017 21:06

Tgt Ion:240 Resp: 509238
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 66.029 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

Instrument :

BNA_G

ClientSampled :

PB104116BL

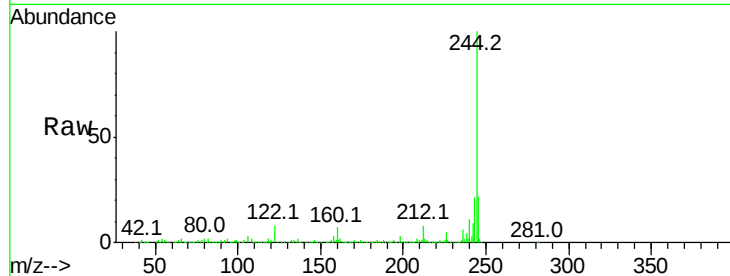
Tot Ion:244 Resp: 1522798

Ion Ratio Lower Upper

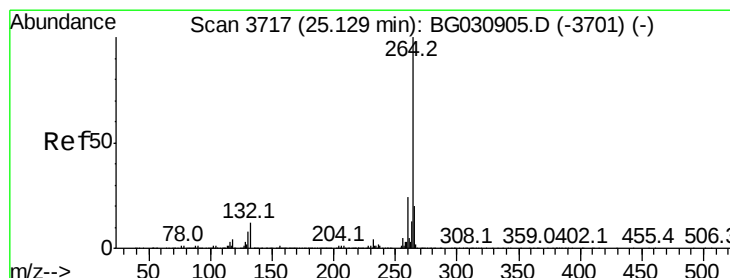
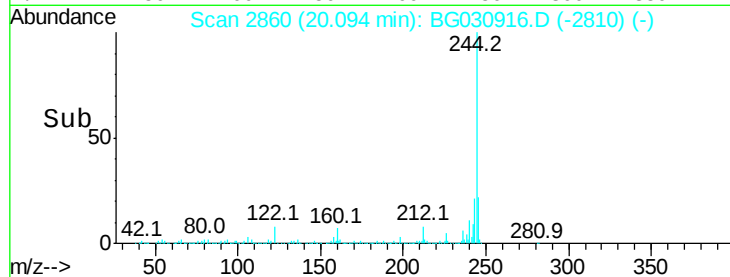
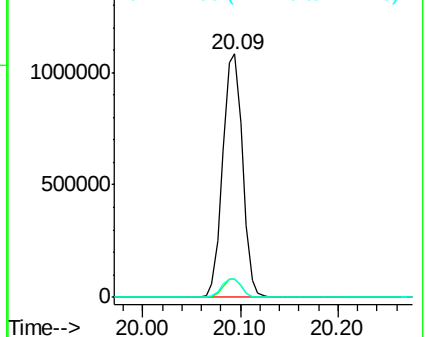
244 100

212 7.5 5.8 8.8

122 7.6 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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG030916.D

Acq: 10 Nov 2017 21:06

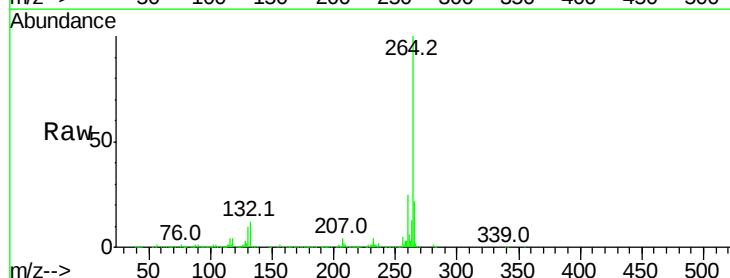
Tgt Ion:264 Resp: 499448

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.3 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

