

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030630.D
 Acq On : 1 Nov 2017 11:48
 Operator : SJ/JU
 Sample : PB103849BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 17:36:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72160	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	331157	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	230989	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	537317	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	591953	20.00	ng	-0.02
86) Perylene-d12	25.09	264	587547	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	558553	129.31	ng	0.00
7) Phenol-d6	7.32	99	756943	124.84	ng	0.00
23) Nitrobenzene-d5	9.32	82	438089	84.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	384393	128.89	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1296756	82.34	ng	-0.02
78) Terphenyl-d14	20.10	244	1979971	76.09	ng	-0.02

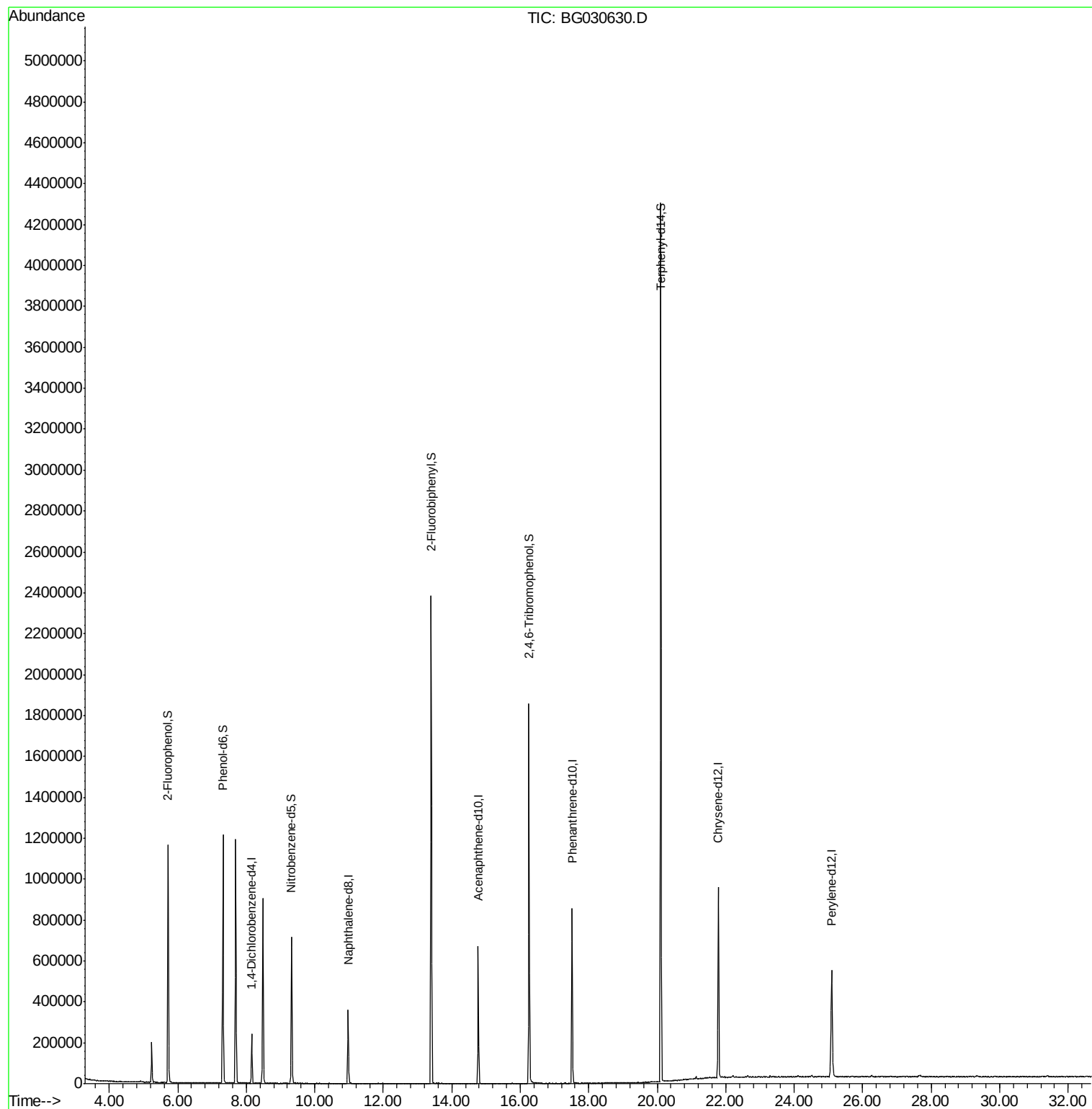
Target Compounds Qvalue

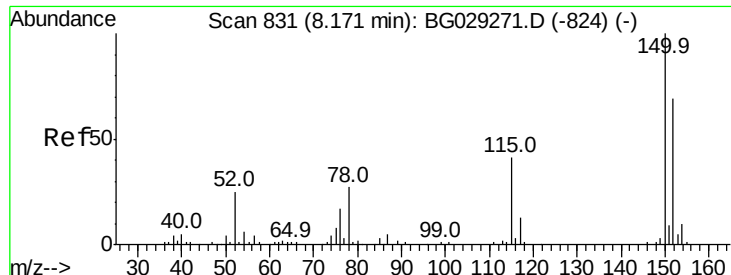
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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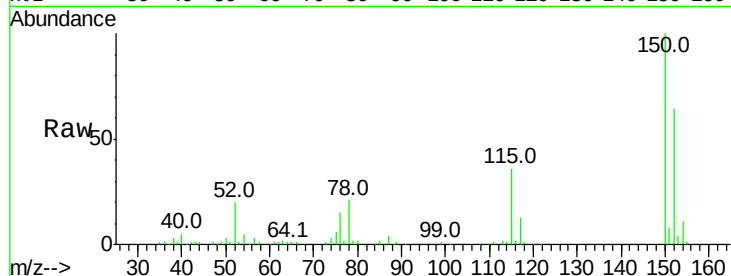


#1

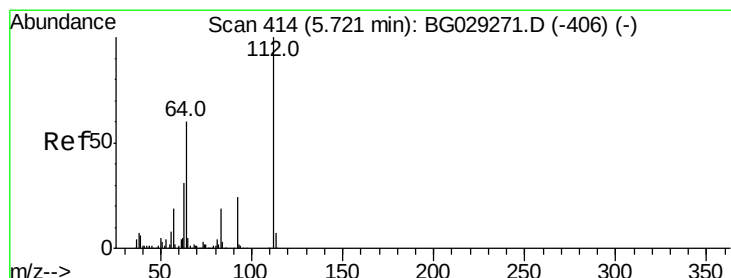
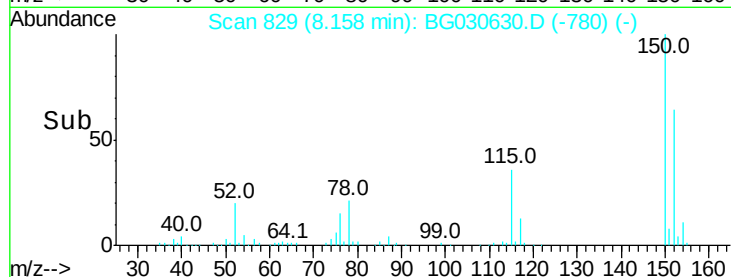
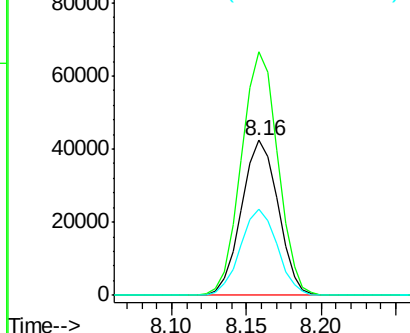
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 72160
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 55.9 53.0 79.4



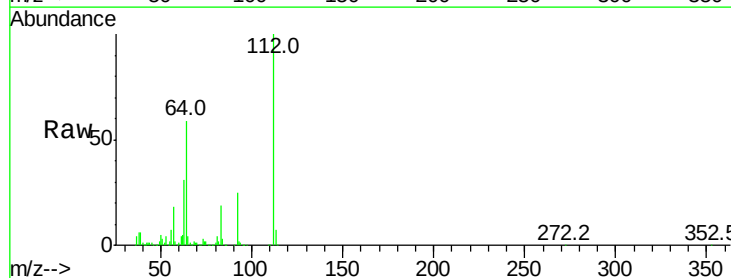
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



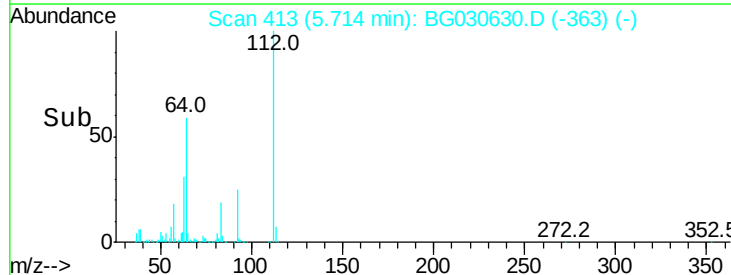
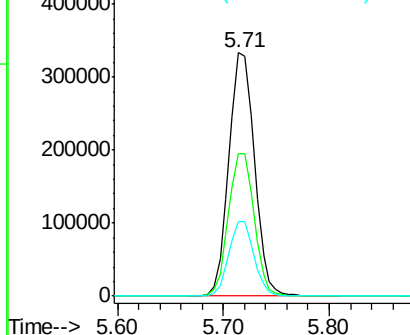
#5

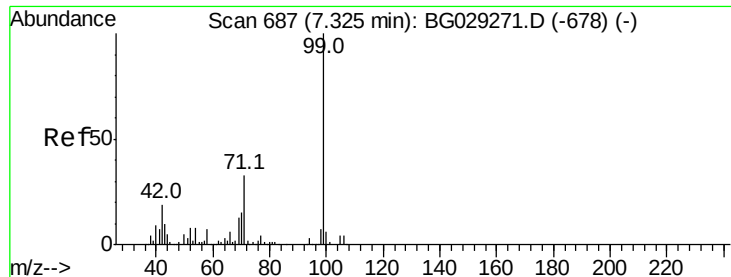
2-Fluorophenol
Concen: 129.309 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Tgt Ion:112 Resp: 558553
Ion Ratio Lower Upper
112 100
64 58.6 56.3 84.5
63 30.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.844 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Instrument :

BNA_G

ClientSampled :

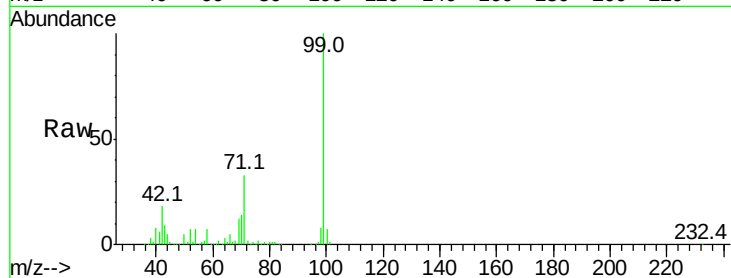
Tot Ion: 99 Resp: 756943

Ion Ratio Lower Upper

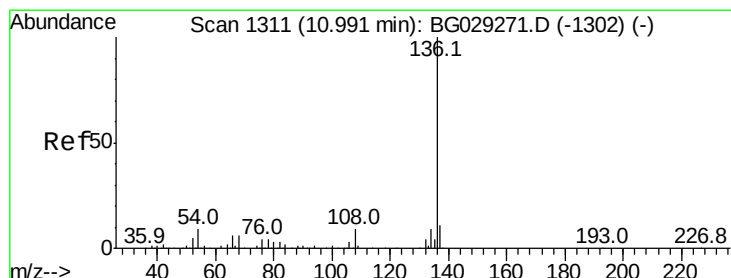
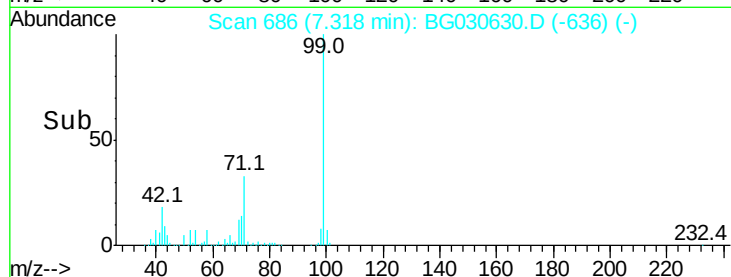
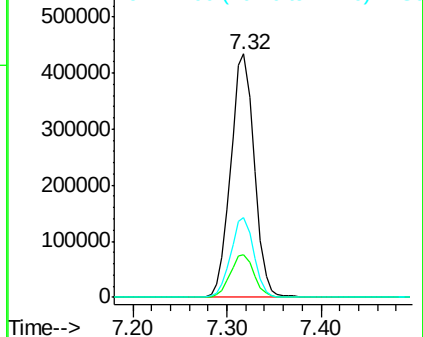
99 100

42 17.8 14.1 21.1

71 32.7 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: 10.97 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Tgt Ion: 136 Resp: 331157

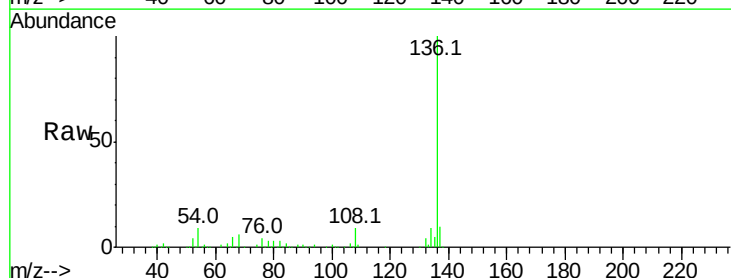
Ion Ratio Lower Upper

136 100

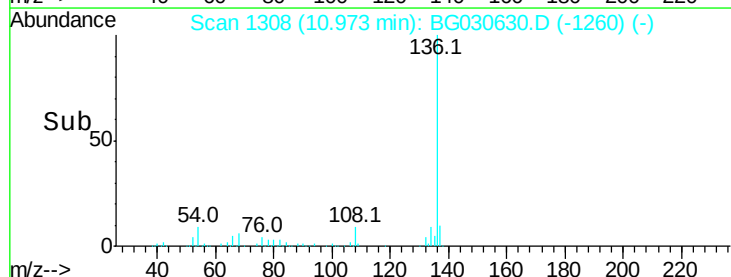
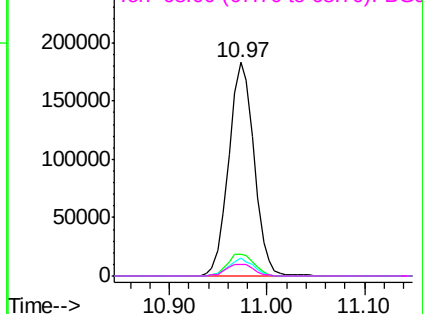
137 10.2 9.2 13.8

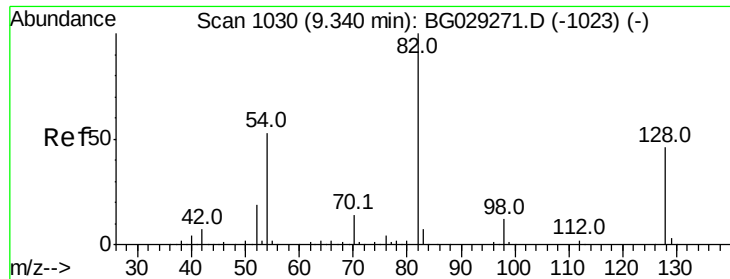
54 8.6 10.3 15.5#

68 5.6 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

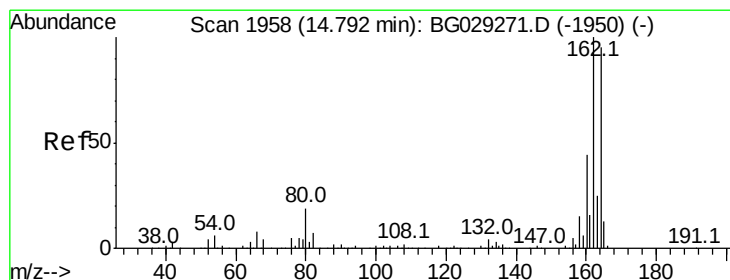
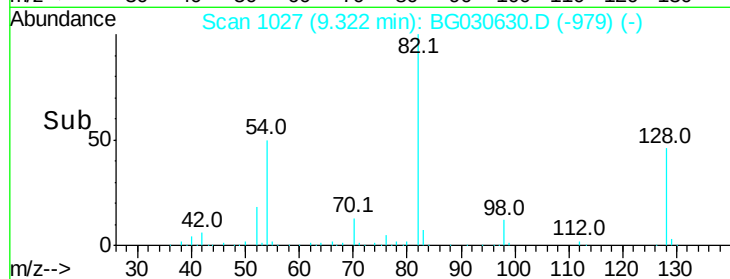
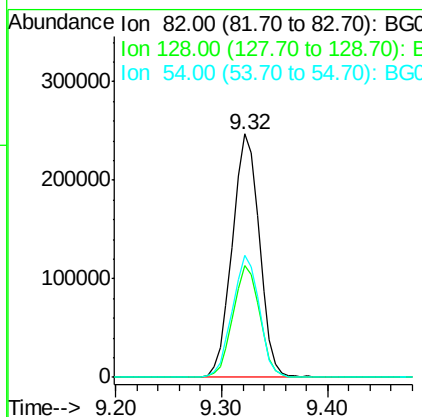
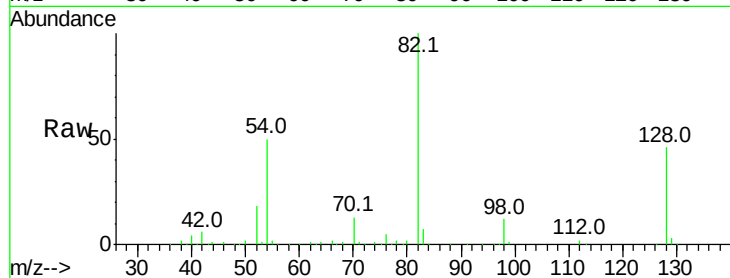




#23
Nitrobenzene-d5
Concen: 84.067 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

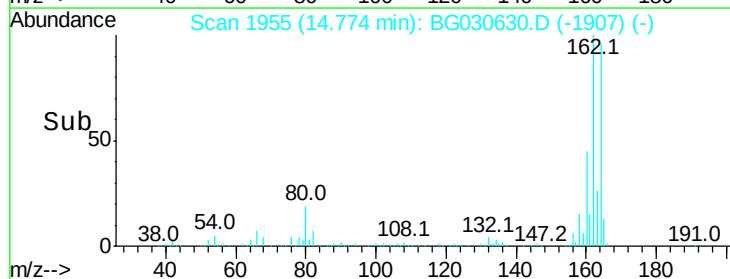
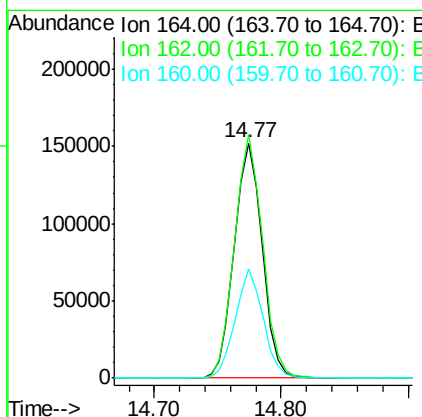
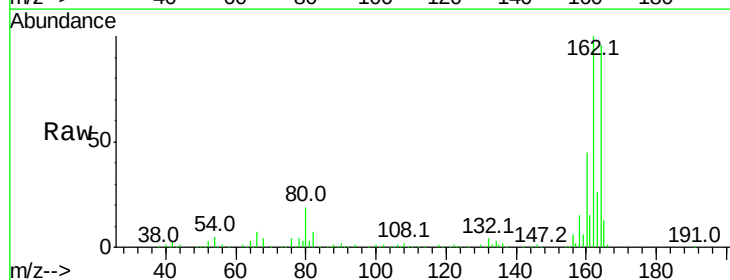
Instrument :
BNA_G
ClientSampleId :

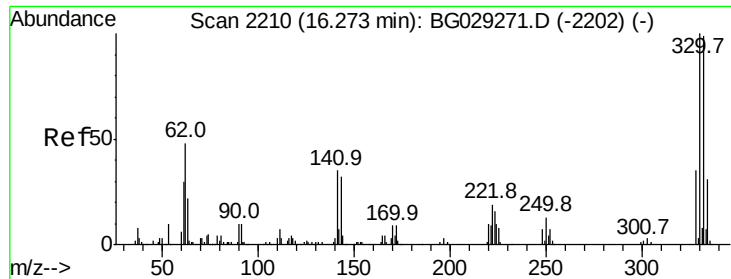
Tot Ion: 82 Resp: 438089
Ion Ratio Lower Upper
82 100
128 45.8 29.7 44.5#
54 50.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Tgt Ion:164 Resp: 230989
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 46.6 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 128.891 ng

RT: 16.25 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

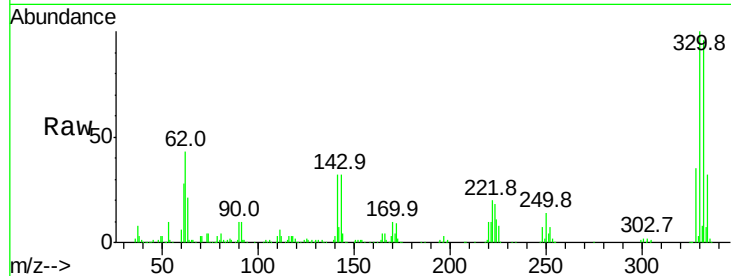
Tot Ion:330 Resp: 384393

Ion Ratio Lower Upper

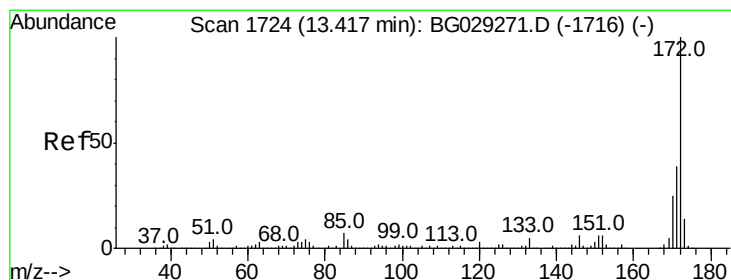
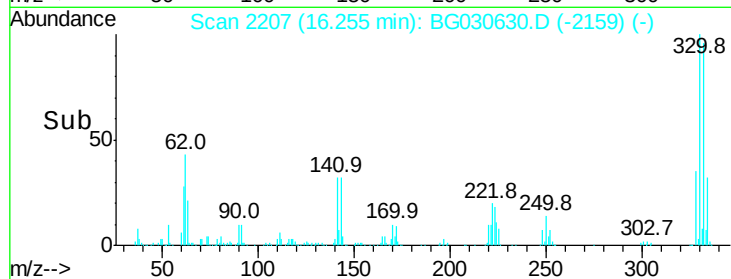
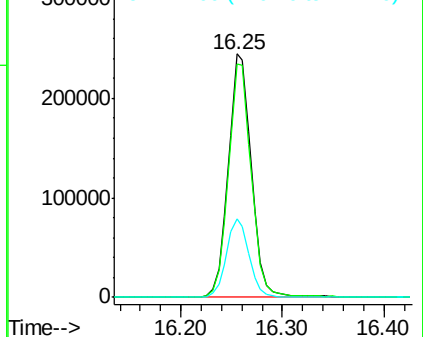
330 100

332 95.9 77.0 115.6

141 32.1 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: 82.337 ng

RT: 13.40 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

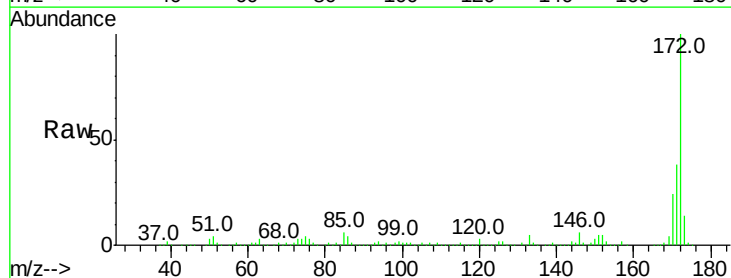
Tgt Ion:172 Resp: 1296756

Ion Ratio Lower Upper

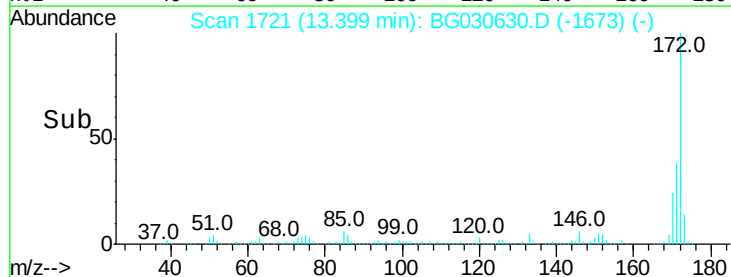
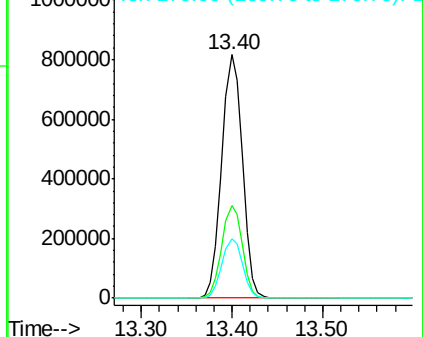
172 100

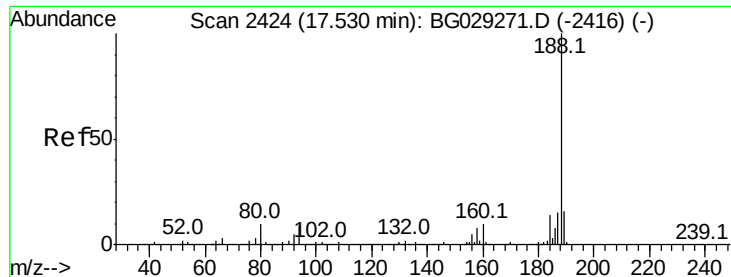
171 38.0 30.0 45.0

170 24.4 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

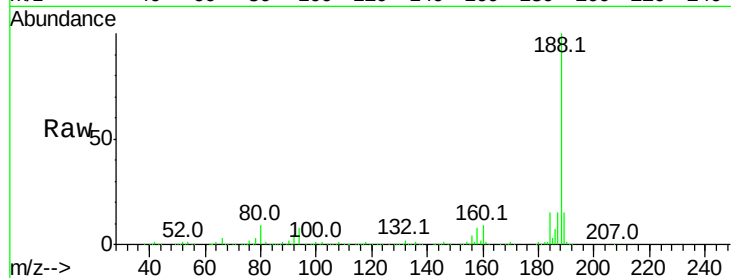




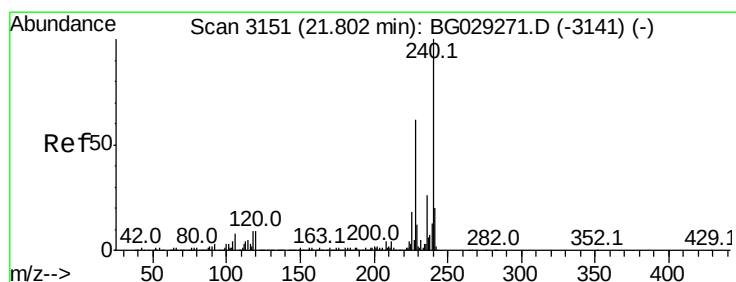
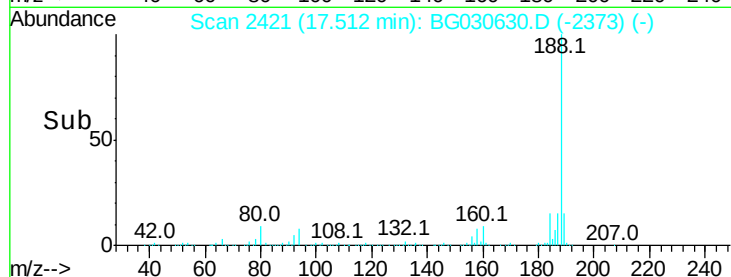
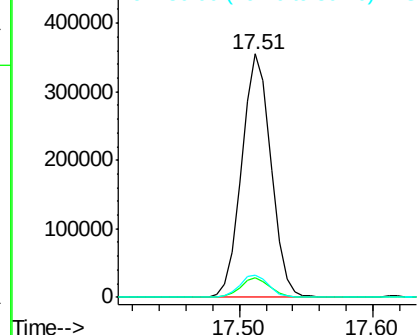
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 537317
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.9 7.7 11.5

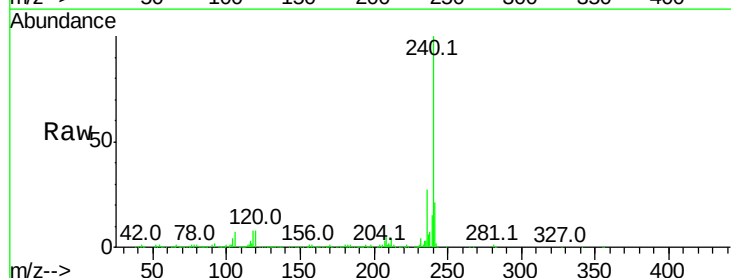


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

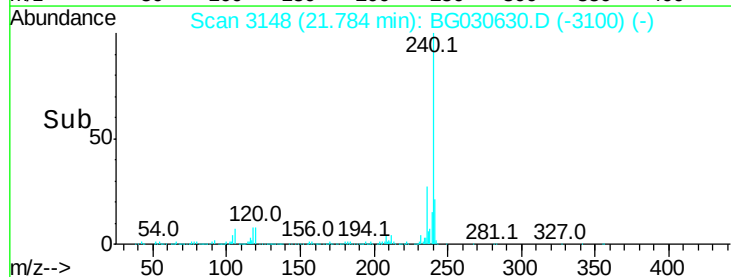
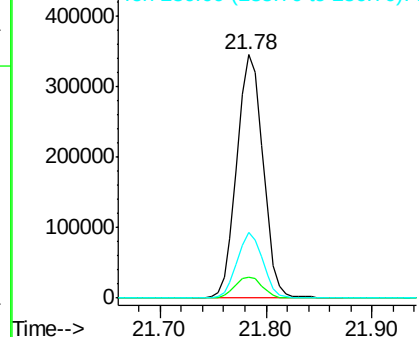


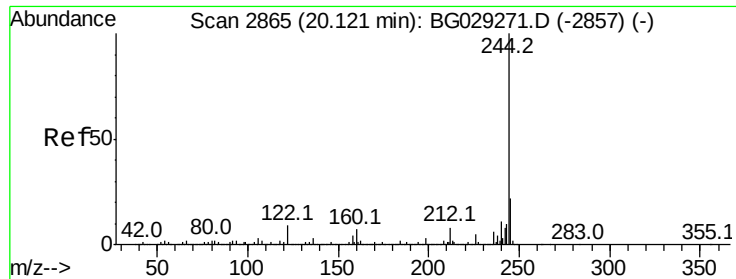
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Tgt Ion:240 Resp: 591953
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 27.0 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: 76.092 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

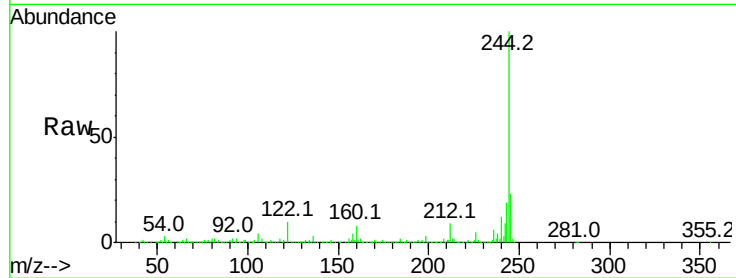
Tot Ion:244 Resp: 1979971

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

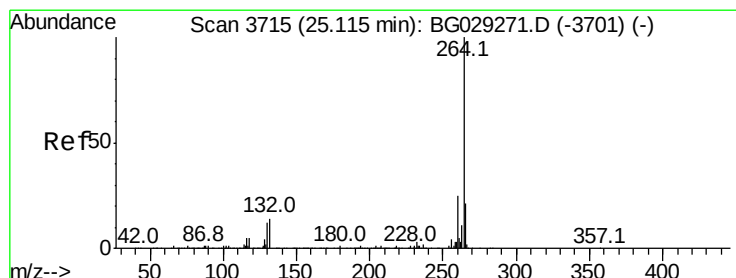
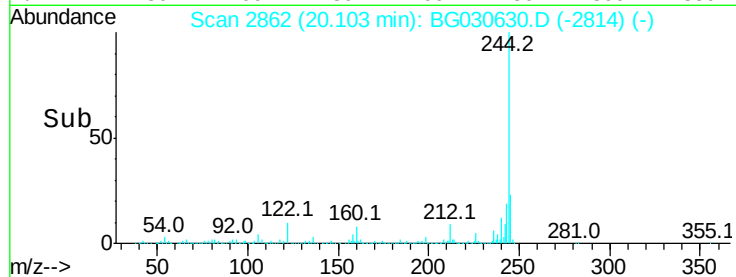
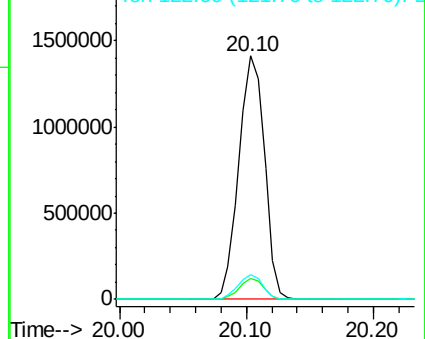
122 10.2 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

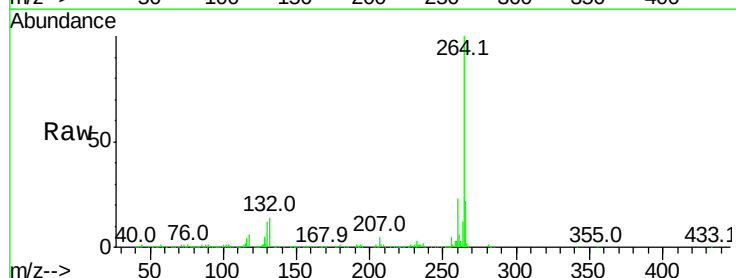
Tgt Ion:264 Resp: 587547

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.0 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

