

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030659.D
 Acq On : 2 Nov 2017 13:07
 Operator : SJ/JU
 Sample : PB103892TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 00:48:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	54508	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	254126	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	182398	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	470924	20.00	ng	0.00
75) Chrysene-d12	21.77	240	525148	20.00	ng	-0.01
86) Perylene-d12	25.07	264	534486	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	397978	121.97	ng	0.00
7) Phenol-d6	7.31	99	527198	115.11	ng	0.00
23) Nitrobenzene-d5	9.32	82	300974	75.26	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	290232	123.24	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	920657	74.03	ng	0.00
78) Terphenyl-d14	20.09	244	1629989	70.61	ng	0.00

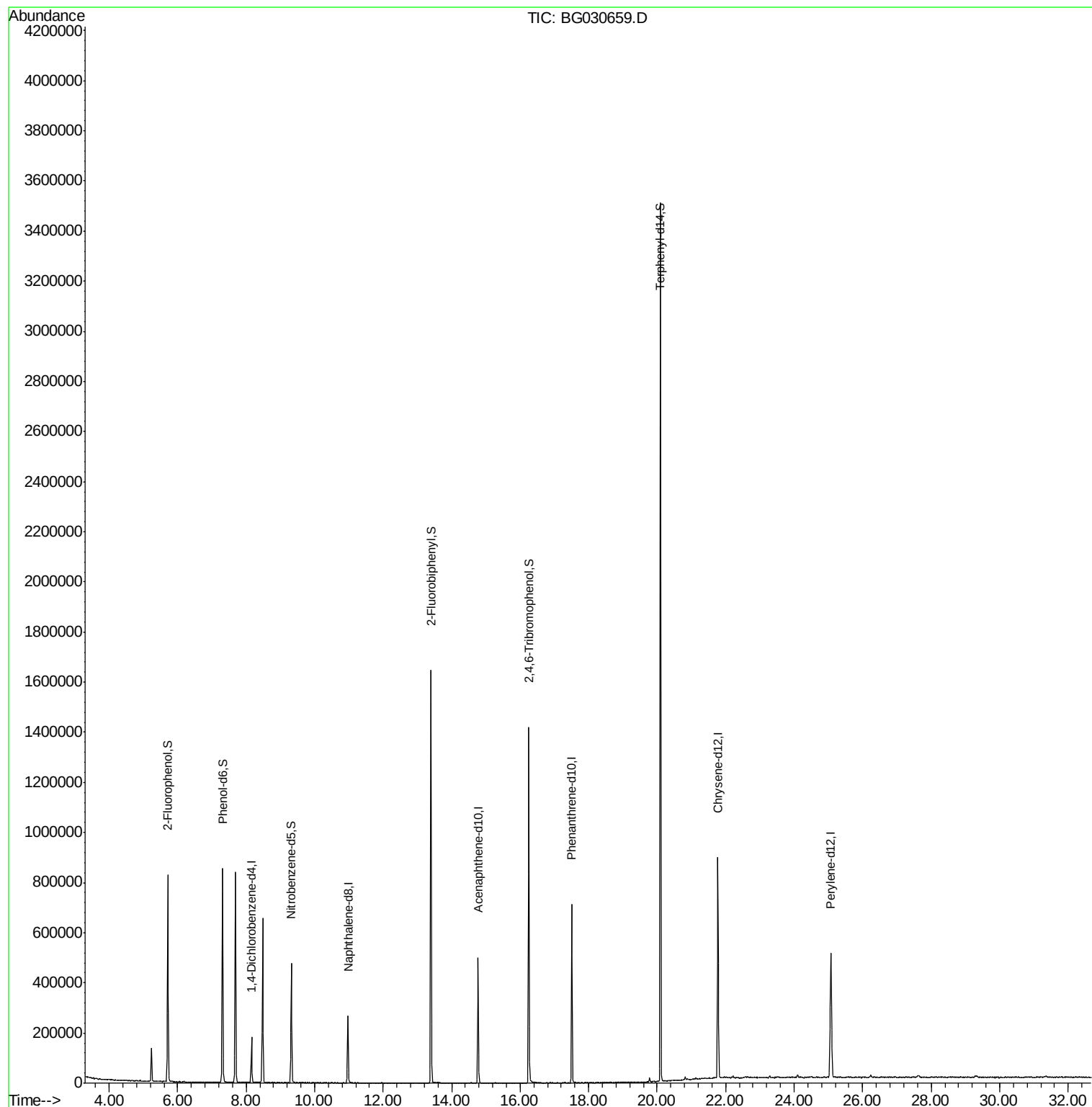
Target Compounds Qvalue

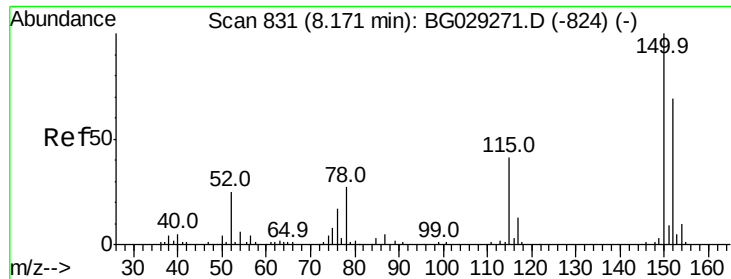
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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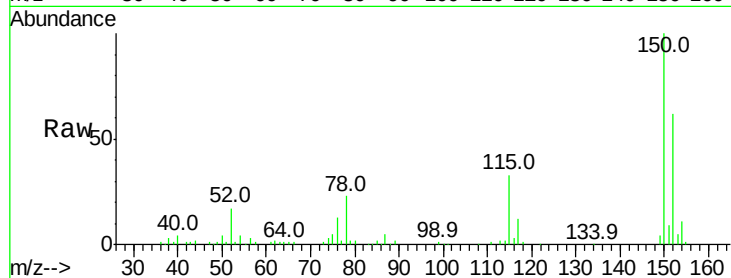


#1

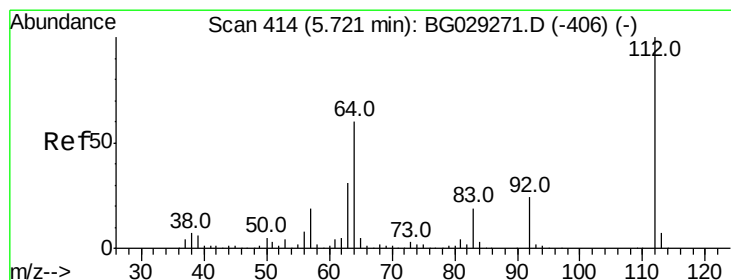
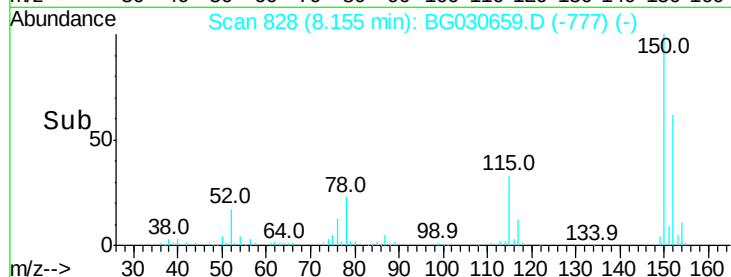
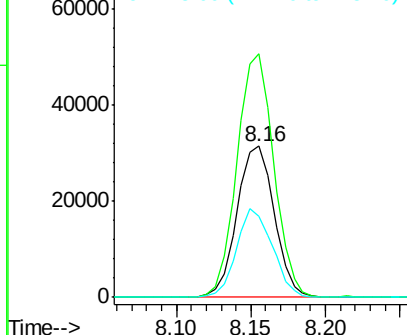
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030659.D
Acq: 2 Nov 2017 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54508
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 53.5 53.0 79.4



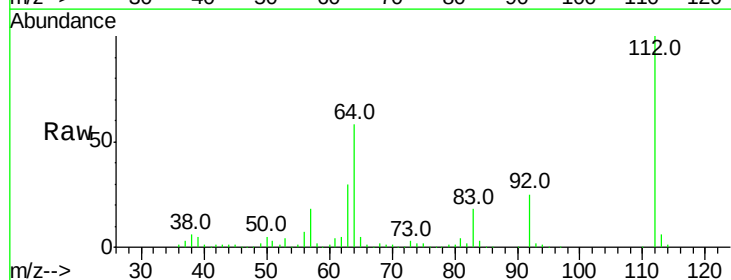
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



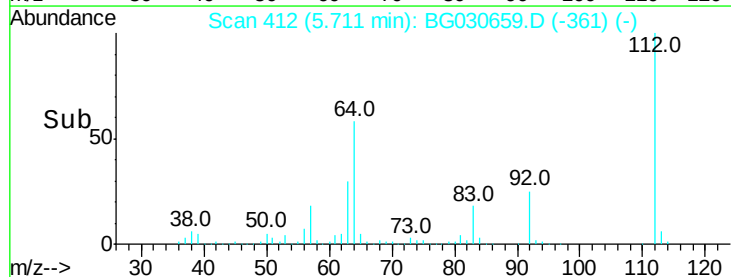
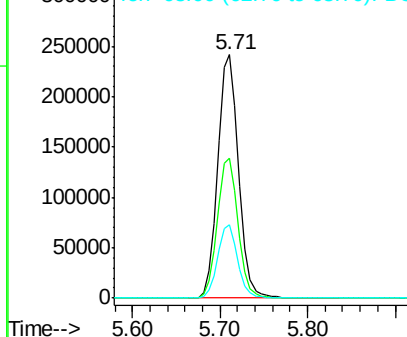
#5

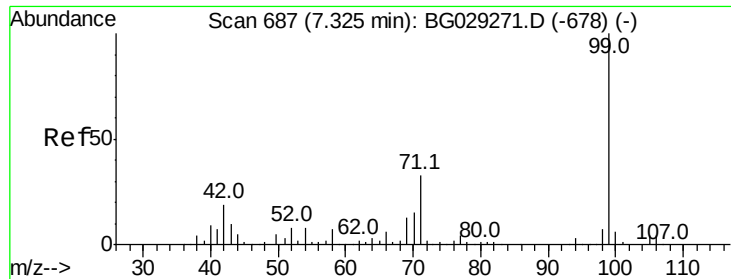
2-Fluorophenol
Concen: 121.972 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030659.D
Acq: 2 Nov 2017 13:07

Tgt Ion:112 Resp: 397978
Ion Ratio Lower Upper
112 100
64 57.7 56.3 84.5
63 29.9 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: 115.110 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

BNA_G

ClientSampleId :

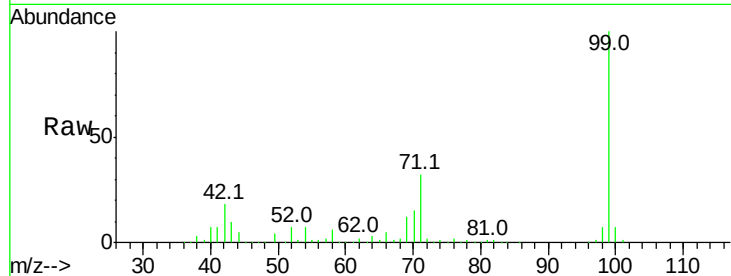
Tot Ion: 99 Resp: 527198

Ion Ratio Lower Upper

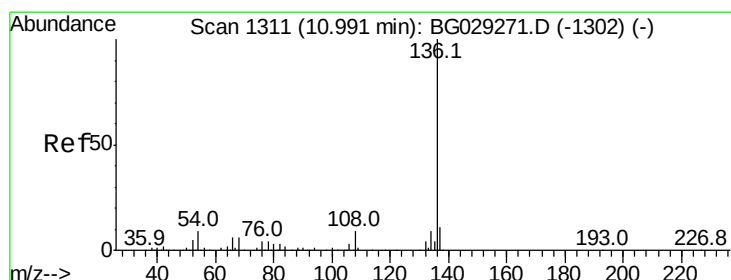
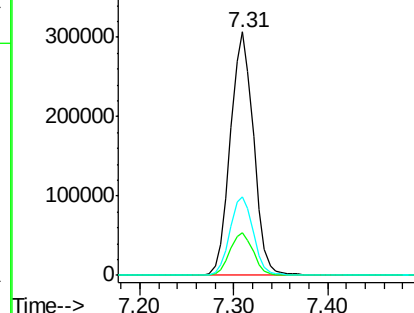
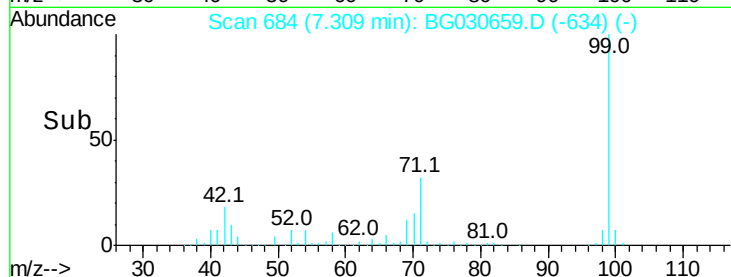
99 100

42 17.5 14.1 21.1

71 32.3 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: 10.97 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Tgt Ion: 136 Resp: 254126

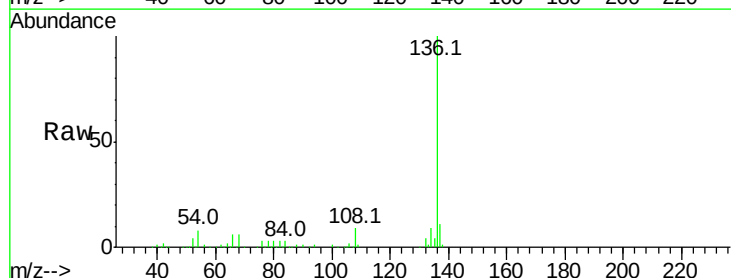
Ion Ratio Lower Upper

136 100

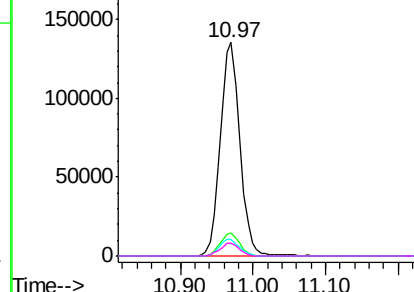
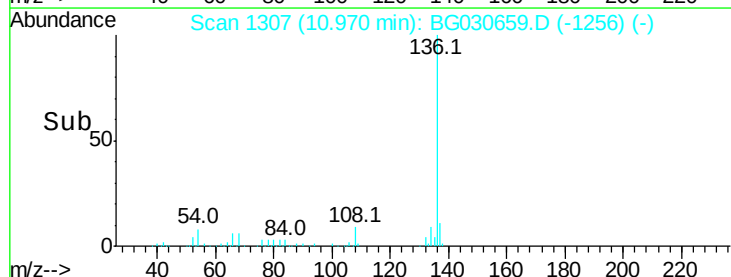
137 10.9 9.2 13.8

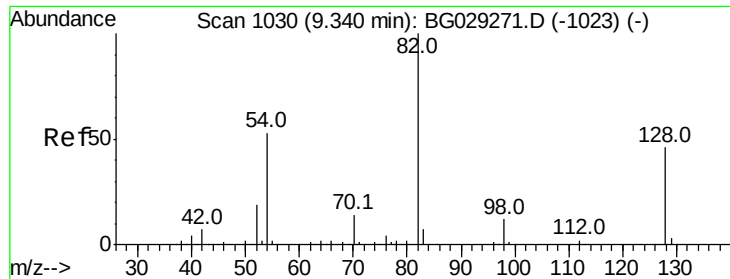
54 7.9 10.3 15.5#

68 6.3 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

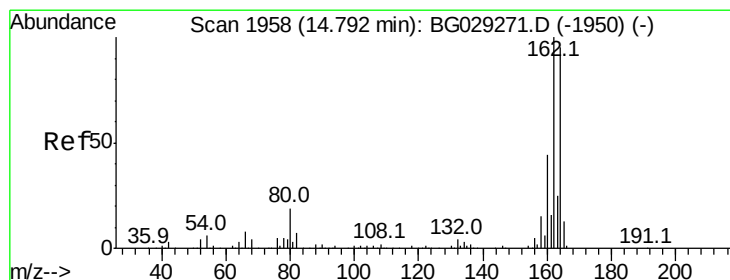
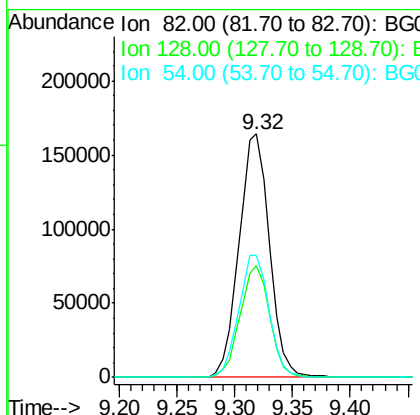
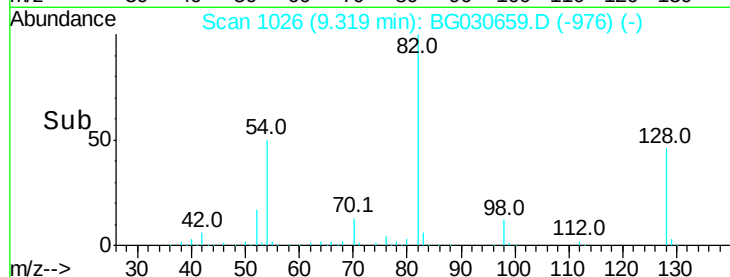
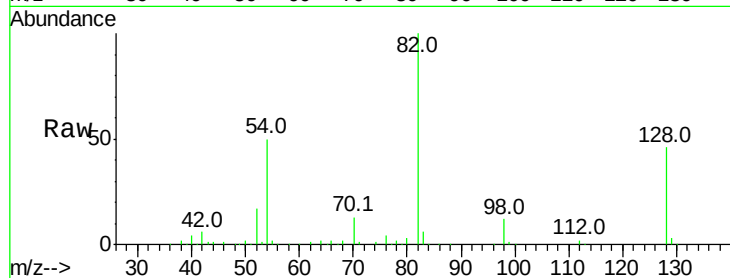




#23
 Nitrobenzene-d5
 Concen: 75.262 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030659.D
 Acq: 2 Nov 2017 13:07

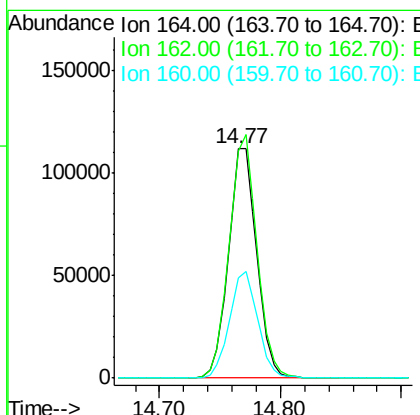
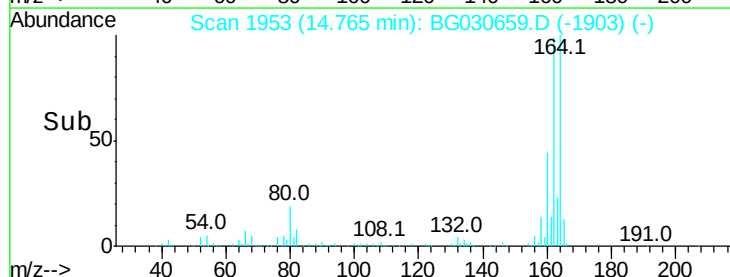
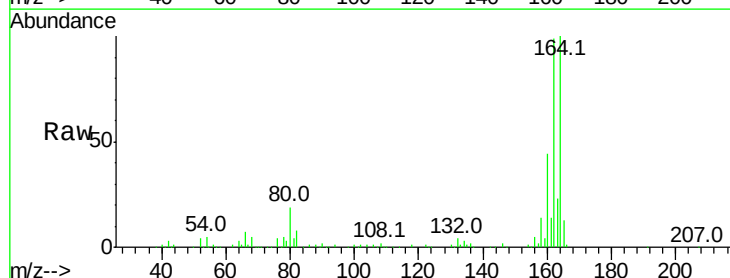
Instrument :
 BNA_G
 ClientSampled :

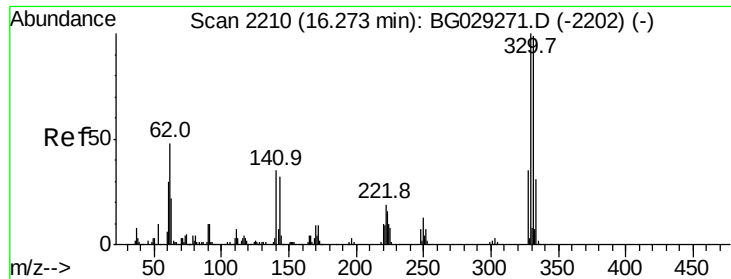
Tot Ion: 82 Resp: 300974
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 50.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030659.D
 Acq: 2 Nov 2017 13:07

Tgt Ion:164 Resp: 182398
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 43.8 35.4 53.0

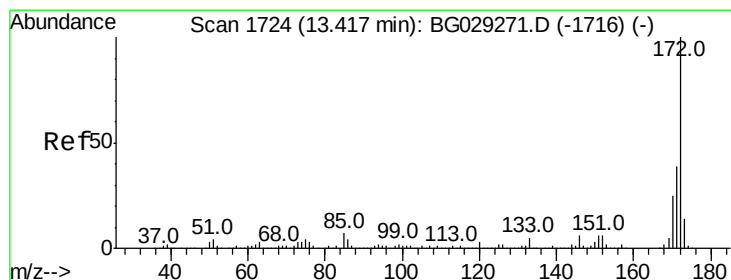
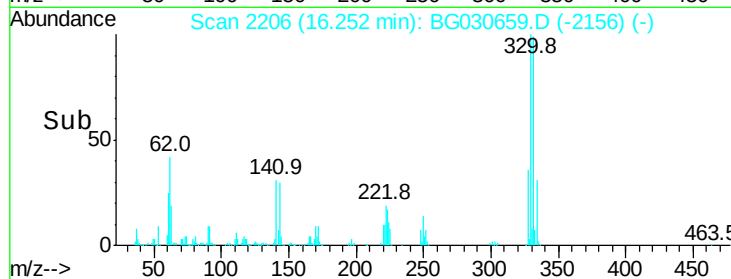
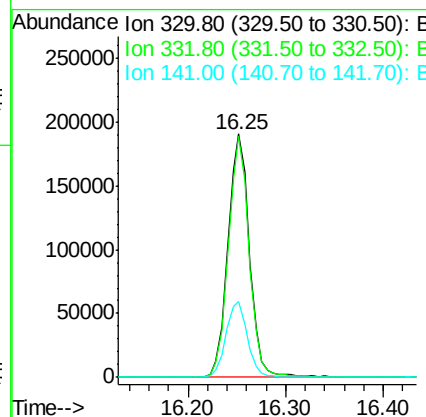
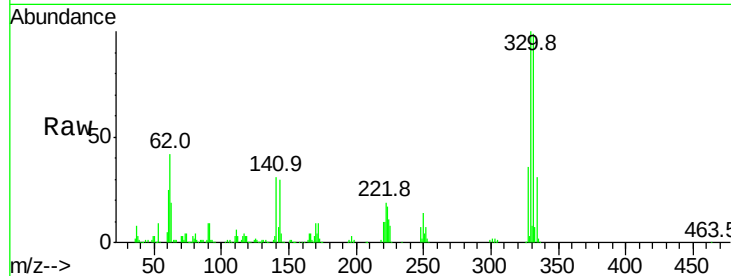




#41
 2,4,6-Tribromophenol
 Concen: 123.244 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030659.D
 Acq: 2 Nov 2017 13:07

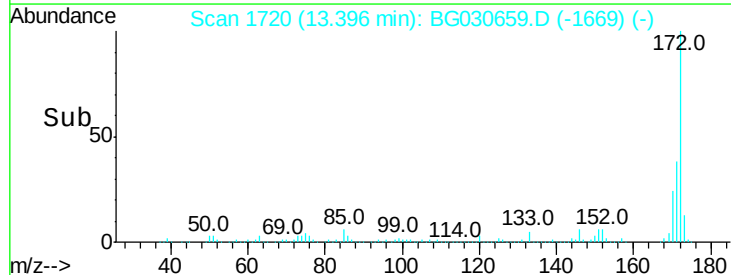
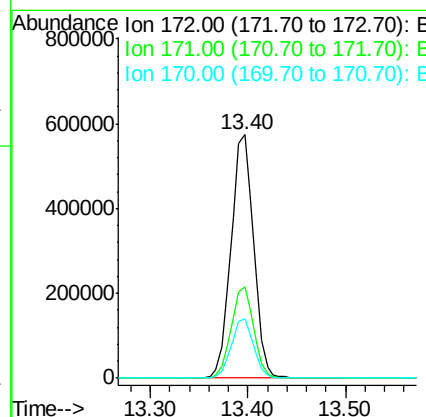
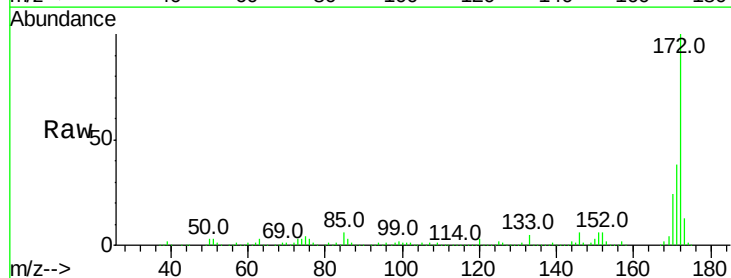
Instrument :
 BNA_G
 ClientSampled :

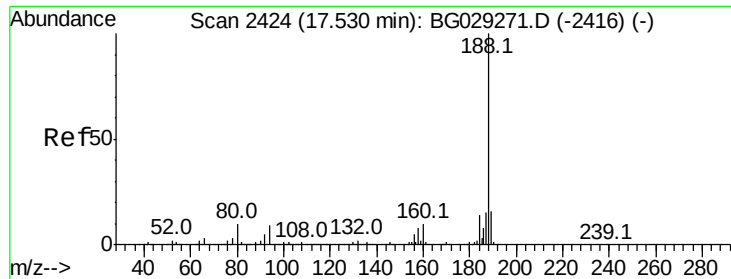
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 74.030 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030659.D
 Acq: 2 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

BNA_G

ClientSampleId :

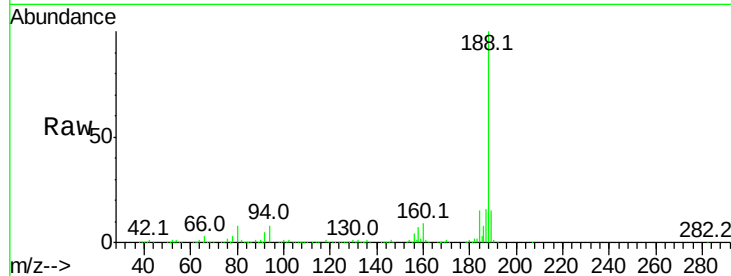
Tot Ion:188 Resp: 470924

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

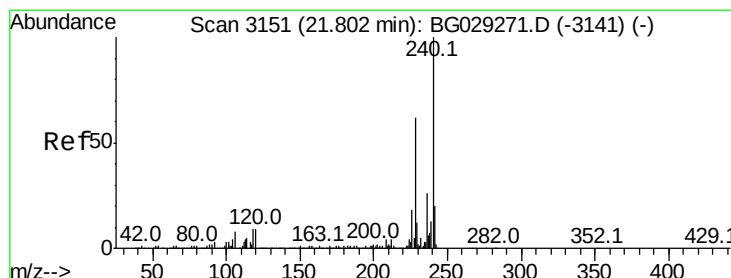
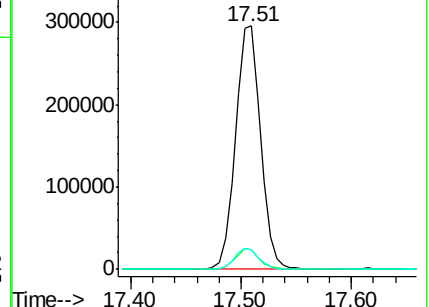
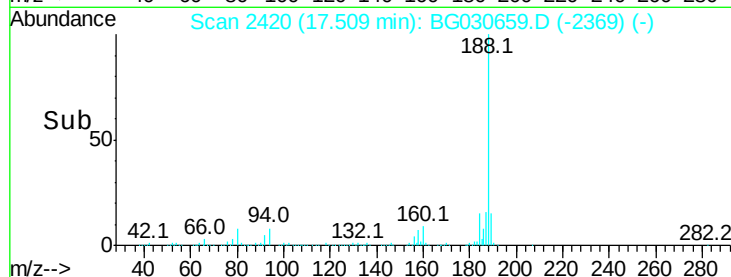
80 8.2 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

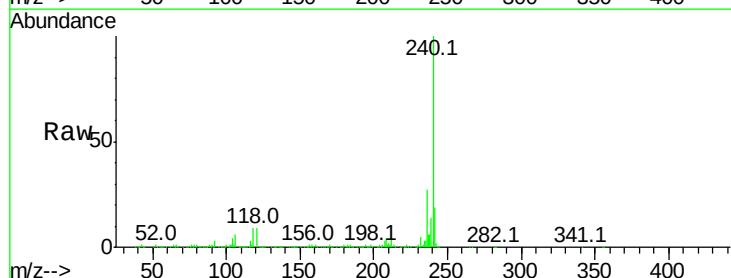
Tgt Ion:240 Resp: 525148

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

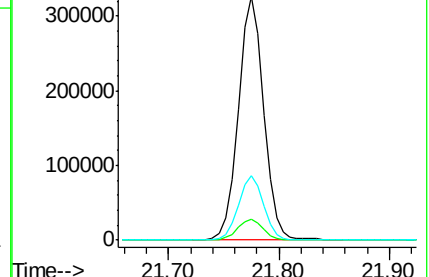
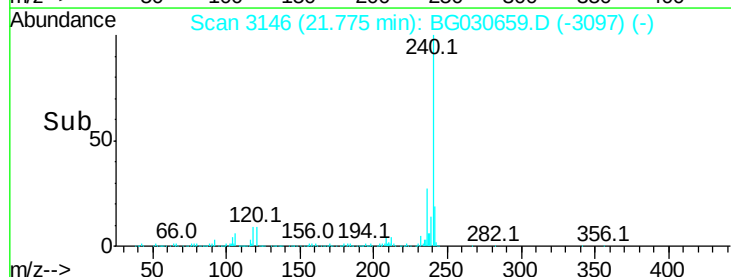
236 26.6 20.9 31.3

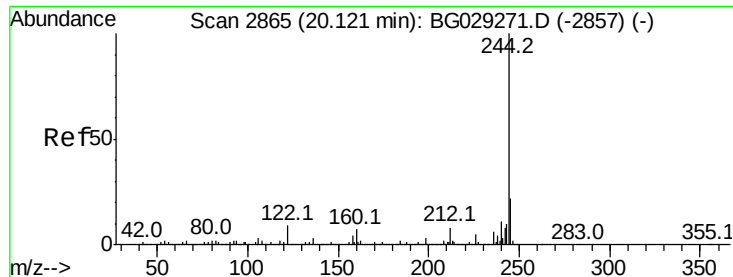


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.611 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

BNA_G

ClientSampleId :

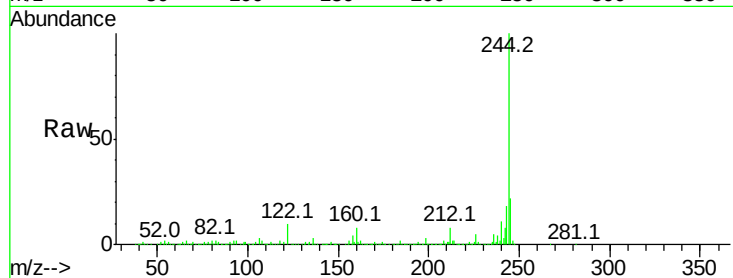
Tot Ion:244 Resp: 1629989

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.7	7.0	10.4

244 100

212 8.3 5.8 8.8

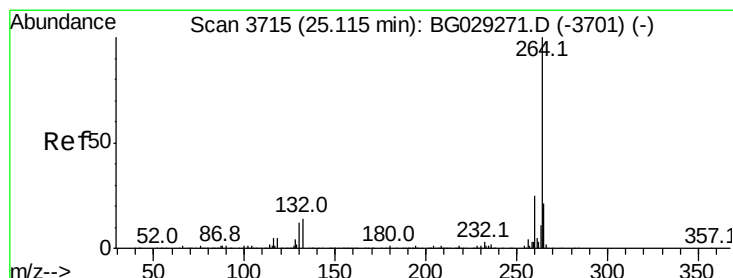
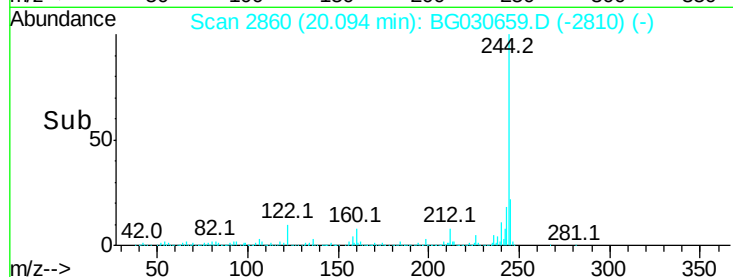
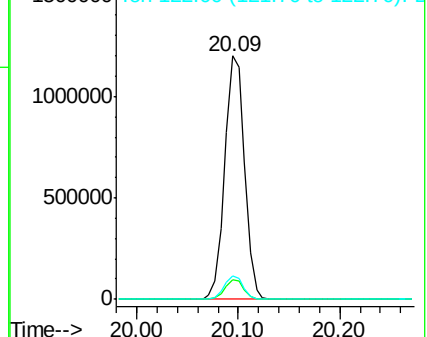
122 9.7 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.03 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

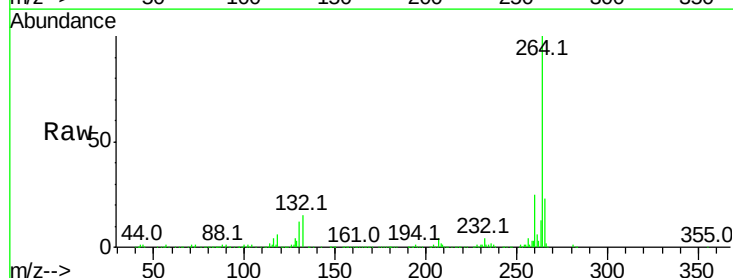
Tgt Ion:264 Resp: 534486

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.7	17.7	26.5

264 100

260 24.5 17.4 26.0

265 22.7 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

