

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029327.D
 Acq On : 18 Oct 2017 10:33
 Operator : SJ/JU
 Sample : I5870-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101017-TIDO-E-D-M

Quant Time: Oct 18 15:38:39 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

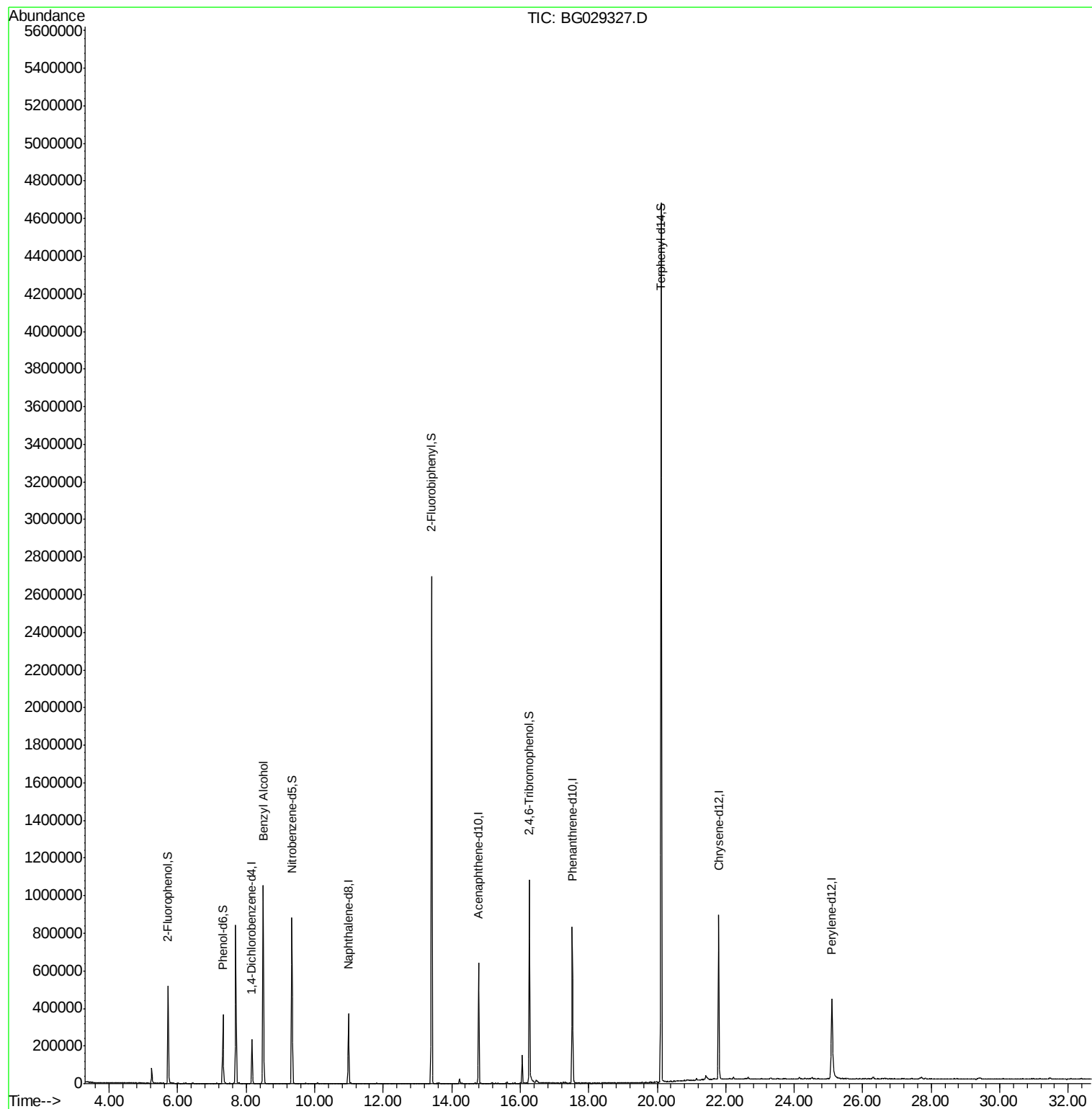
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	68880	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	335735	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	223324	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	515182	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	546292	20.00	ng	-0.01
86) Perylene-d12	25.10	264	543782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	245688	59.59	ng	0.00
7) Phenol-d6	7.32	99	227642	39.33	ng	0.00
23) Nitrobenzene-d5	9.34	82	546751	103.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	239448	83.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1439298	94.52	ng	0.00
78) Terphenyl-d14	20.12	244	2271473	94.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	8281	2.030	ng	Qvalue # 46

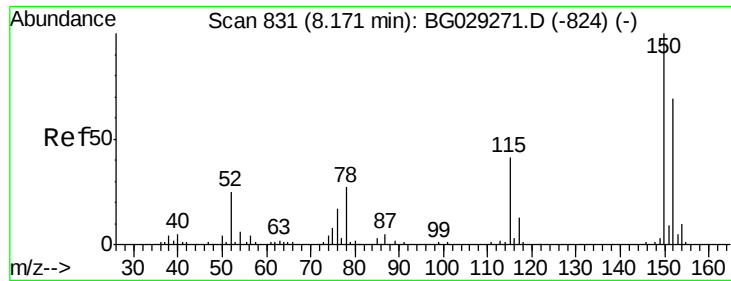
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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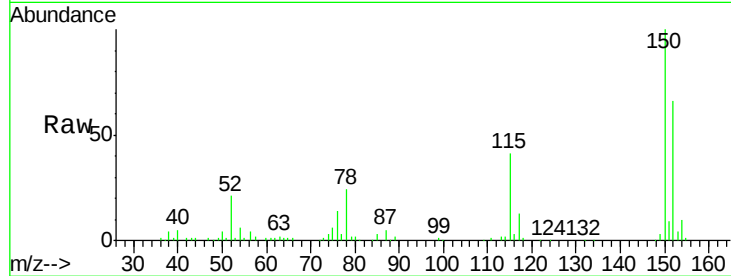


#1

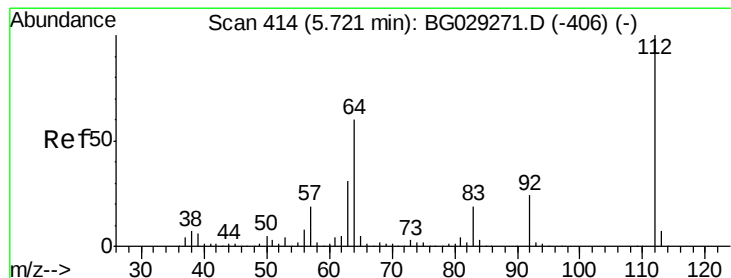
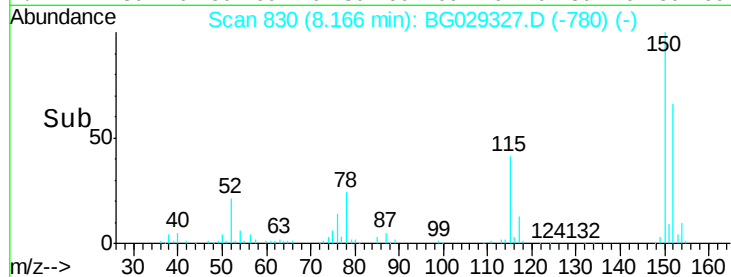
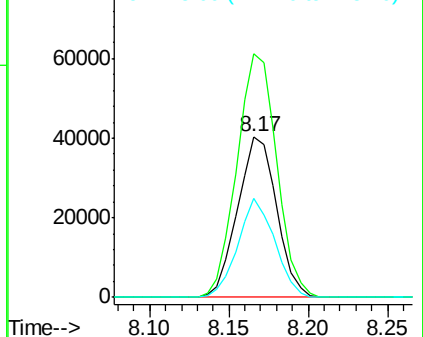
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029327.D
Acq: 18 Oct 2017 10:33

Instrument :
BNA_G
ClientSampleId :
101017-TIDO-E-D-M

Tgt Ion:152 Resp: 68880
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 61.4 53.0 79.4



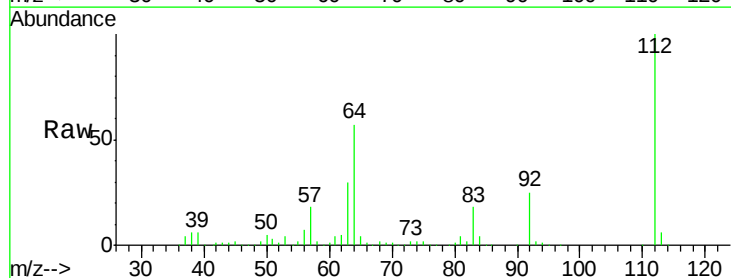
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



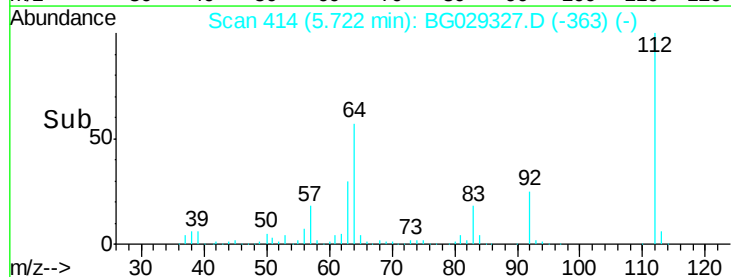
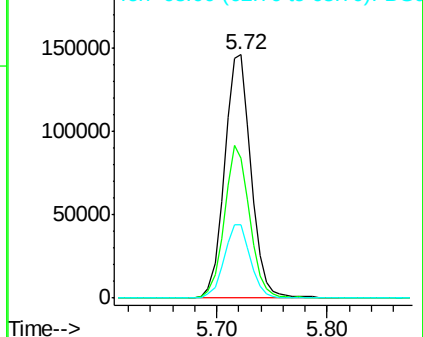
#5

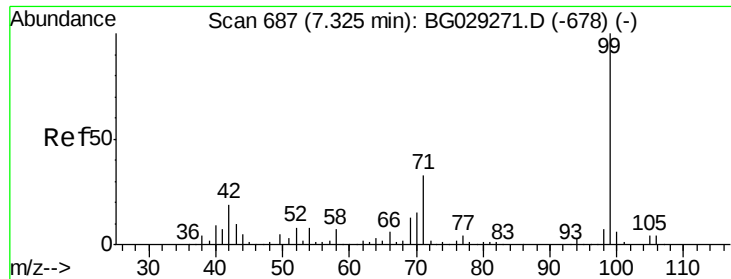
2-Fluorophenol
Concen: 59.587 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029327.D
Acq: 18 Oct 2017 10:33

Tgt Ion:112 Resp: 245688
Ion Ratio Lower Upper
112 100
64 57.4 56.3 84.5
63 30.2 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: 39.333 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-D-M

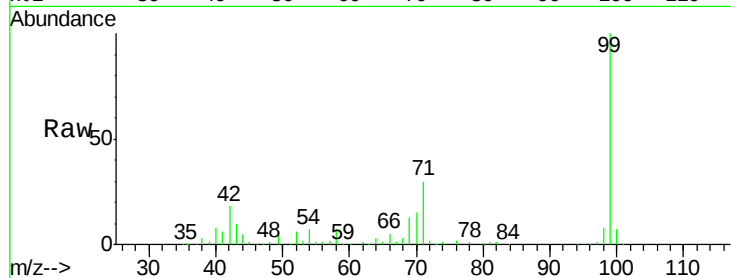
Tgt Ion: 99 Resp: 227642

Ion Ratio Lower Upper

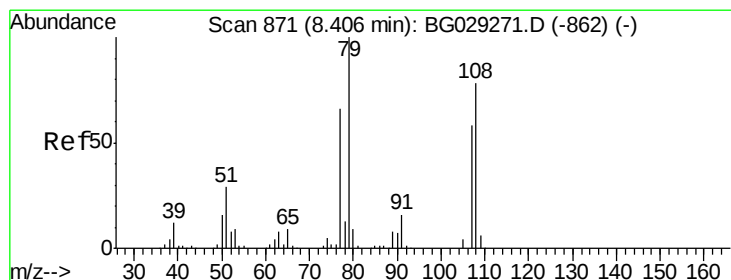
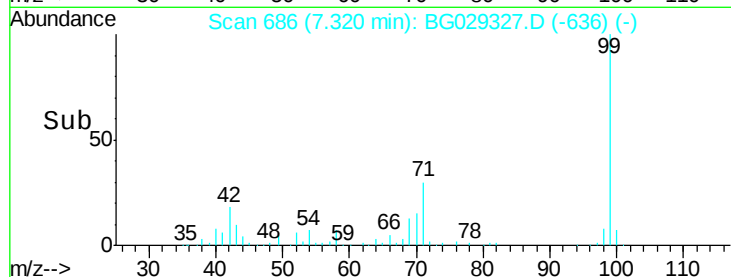
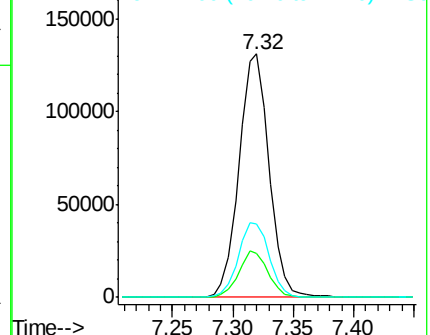
99 100

42 18.0 14.1 21.1

71 30.3 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



#15

Benzyl Alcohol

Concen: 2.030 ng

RT: 8.49 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

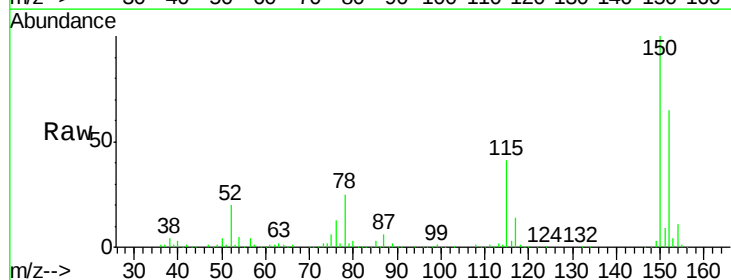
Tgt Ion: 79 Resp: 8281

Ion Ratio Lower Upper

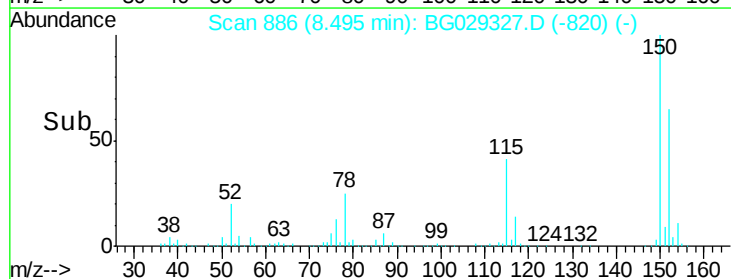
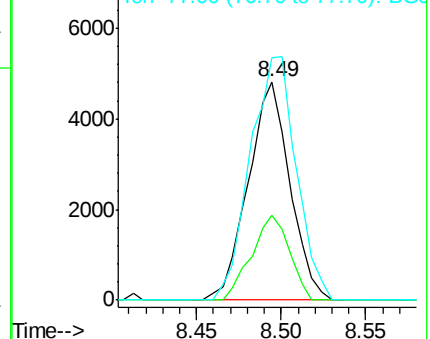
79 100

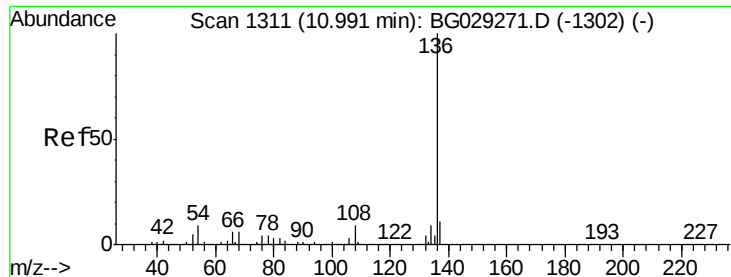
108 38.7 57.2 85.8#

77 111.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-D-M

Tgt Ion: 136 Resp: 335735

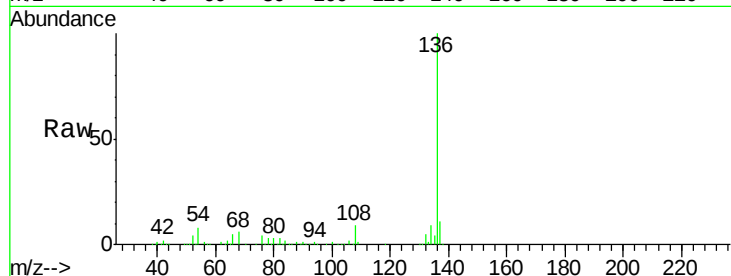
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 8.4 10.3 15.5#

68 6.1 4.5 6.7

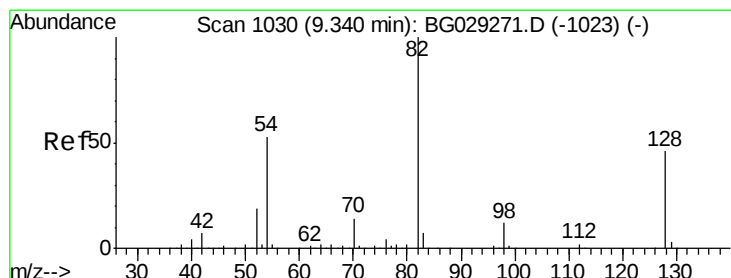
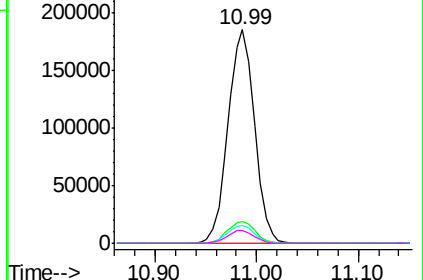
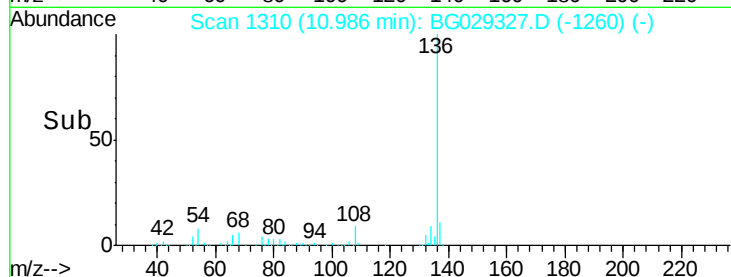


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 103.488 ng

RT: 9.34 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

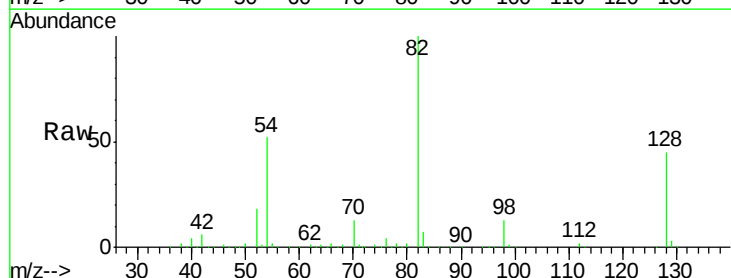
Tgt Ion: 82 Resp: 546751

Ion Ratio Lower Upper

82 100

128 45.1 29.7 44.5#

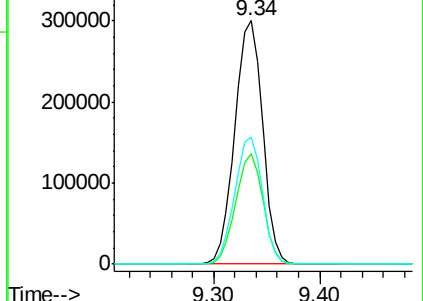
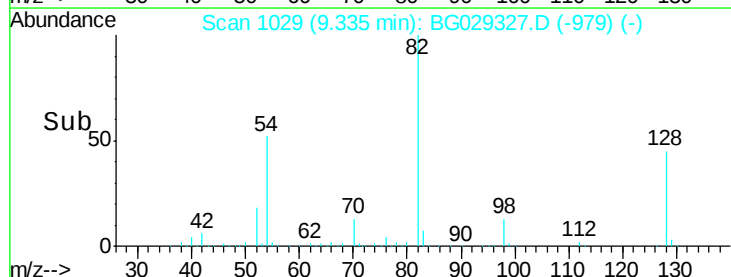
54 52.1 43.1 64.7

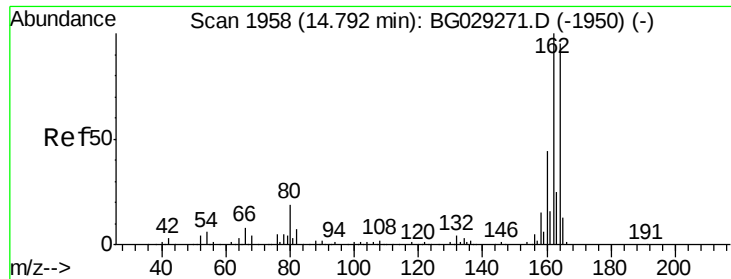


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-D-M

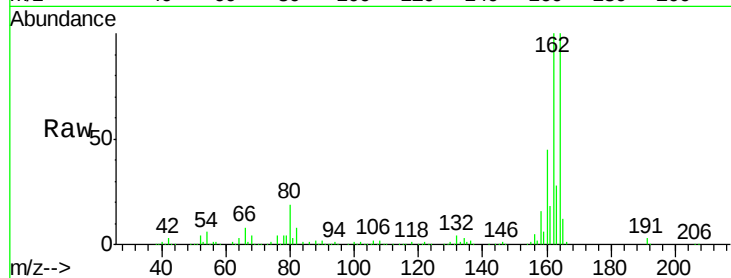
Tgt Ion:164 Resp: 223324

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

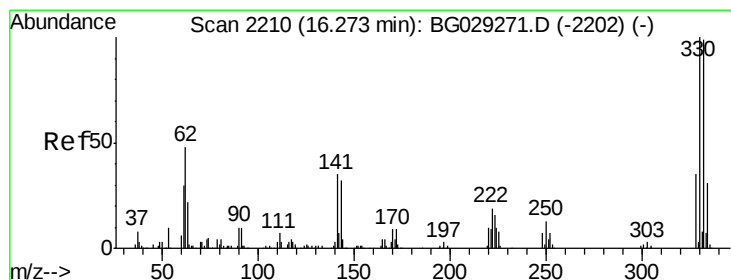
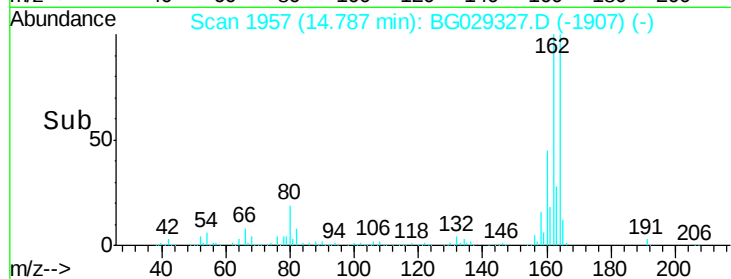
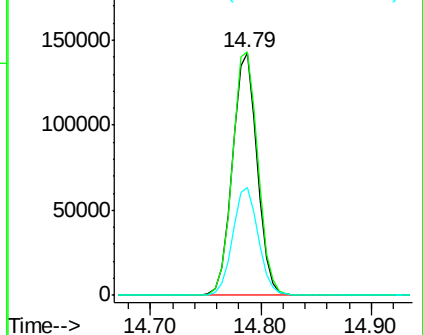
160 44.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 83.045 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

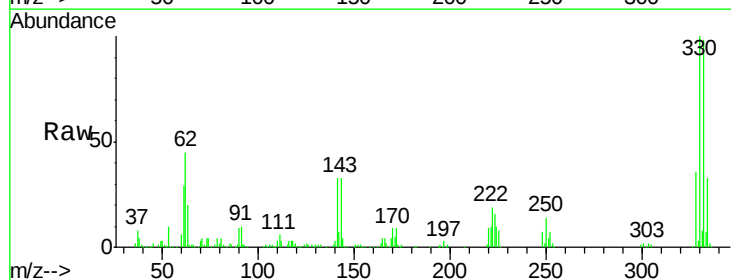
Tgt Ion:330 Resp: 239448

Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

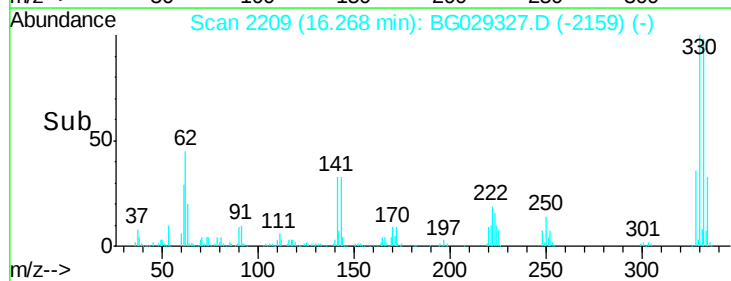
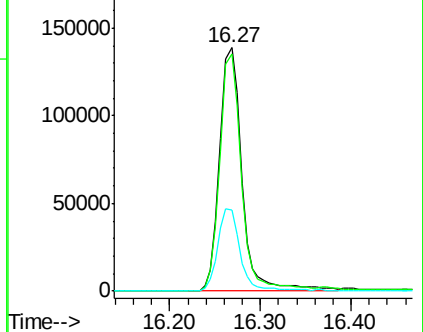
141 33.6 25.2 37.8

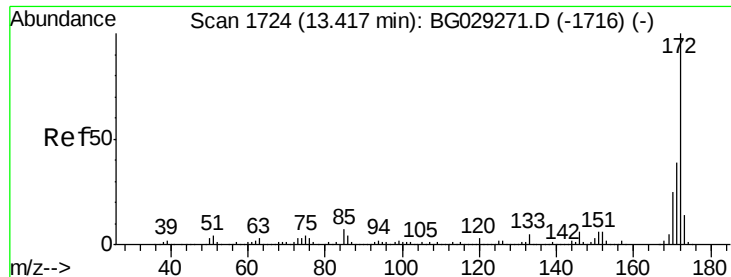


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

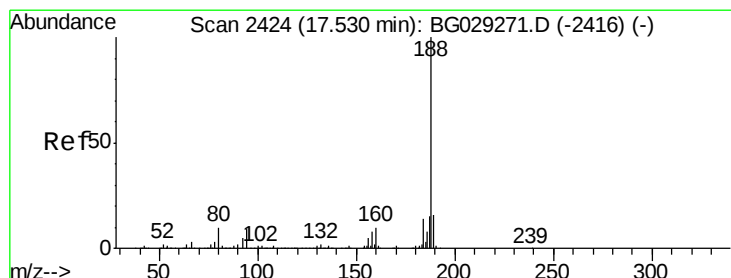
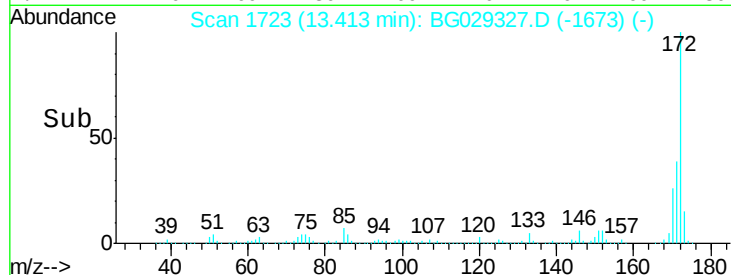
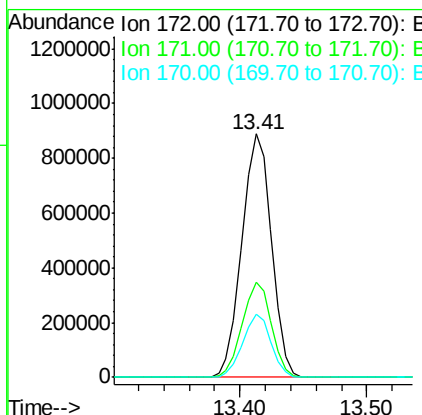
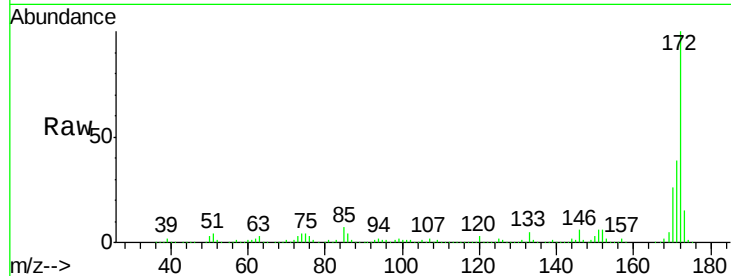




#44
 2-Fluorobiphenyl
 Concen: 94.524 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029327.D
 Acq: 18 Oct 2017 10:33

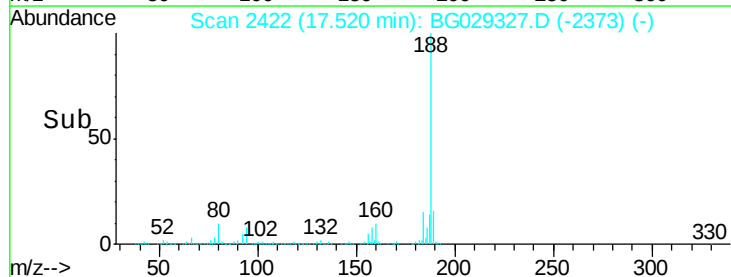
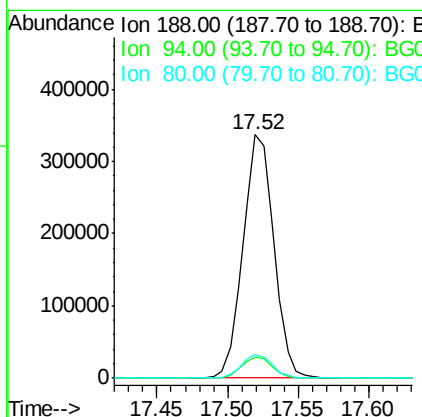
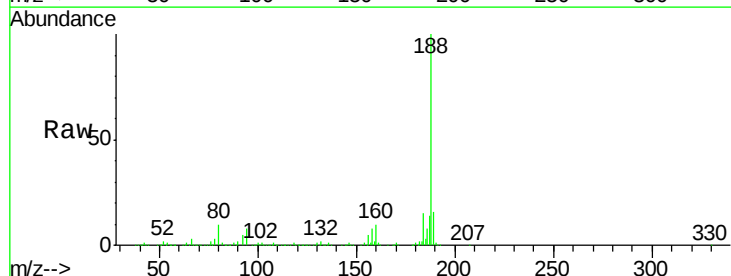
Instrument :
 BNA_G
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 101017-TIDO-E-D-M

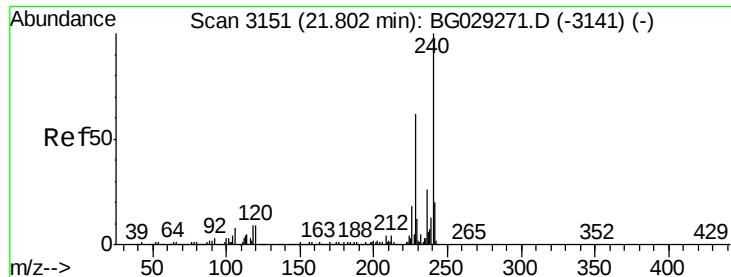
Tgt Ion:172 Resp: 1439298
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 26.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029327.D
 Acq: 18 Oct 2017 10:33

Tgt Ion:188 Resp: 515182
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.9 10.3
 80 9.6 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-D-M

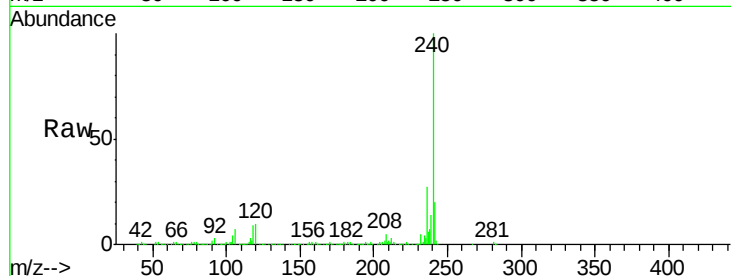
Tgt Ion:240 Resp: 546292

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

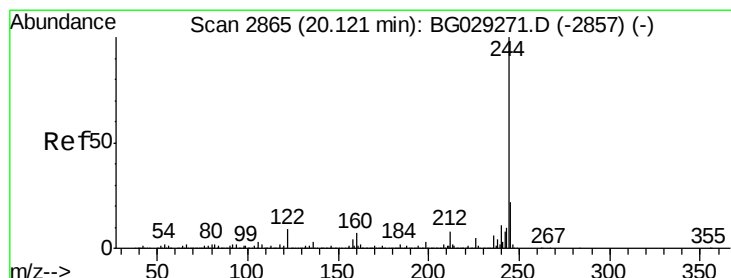
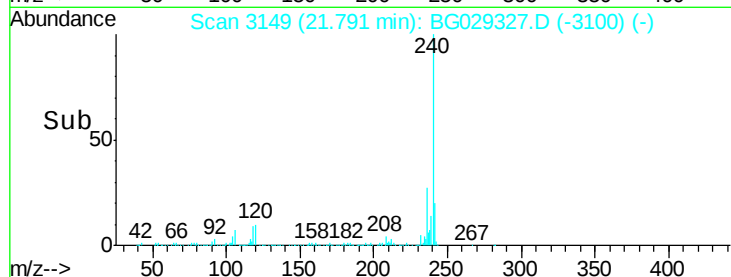
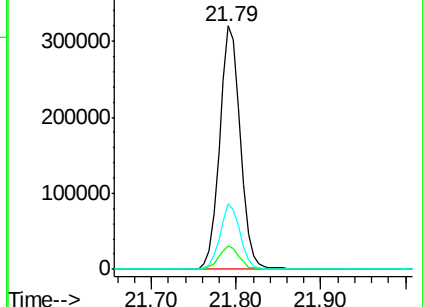
236 26.9 20.9 31.3



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: 94.591 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029327.D

Acq: 18 Oct 2017 10:33

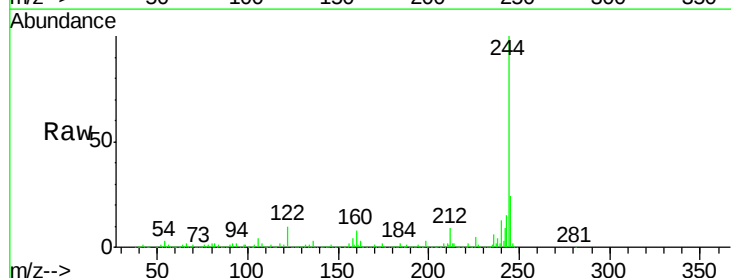
Tgt Ion:244 Resp: 2271473

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

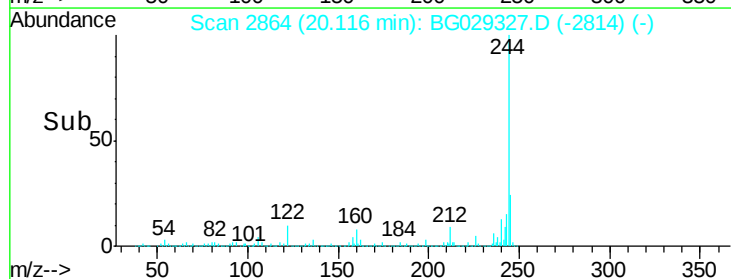
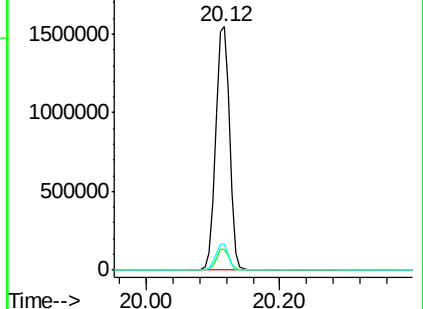
122 10.5 7.0 10.4#

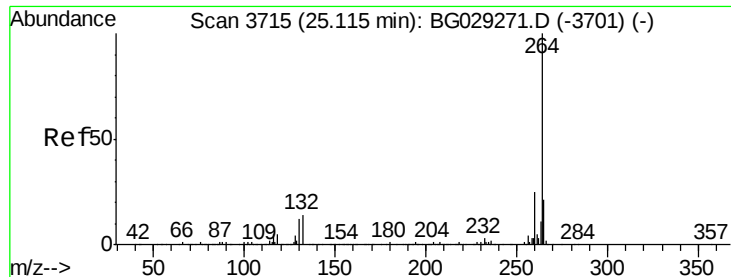


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

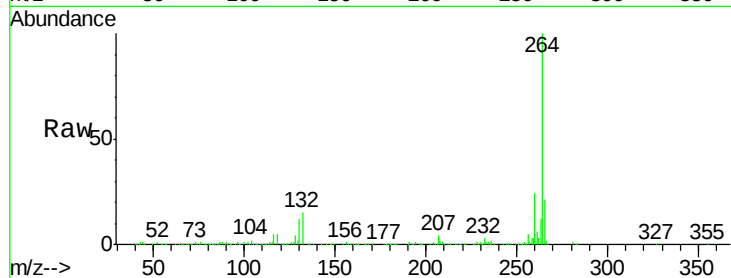




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029327.D
Acq: 18 Oct 2017 10:33

Instrument :
BNA_G
ClientSampleId :
101017-TIDO-E-D-M

Tgt Ion: 264 Resp: 543782
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 20.9 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

