

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029313.D
 Acq On : 17 Oct 2017 22:50
 Operator : SJ/JU
 Sample : I5817-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:56:02 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

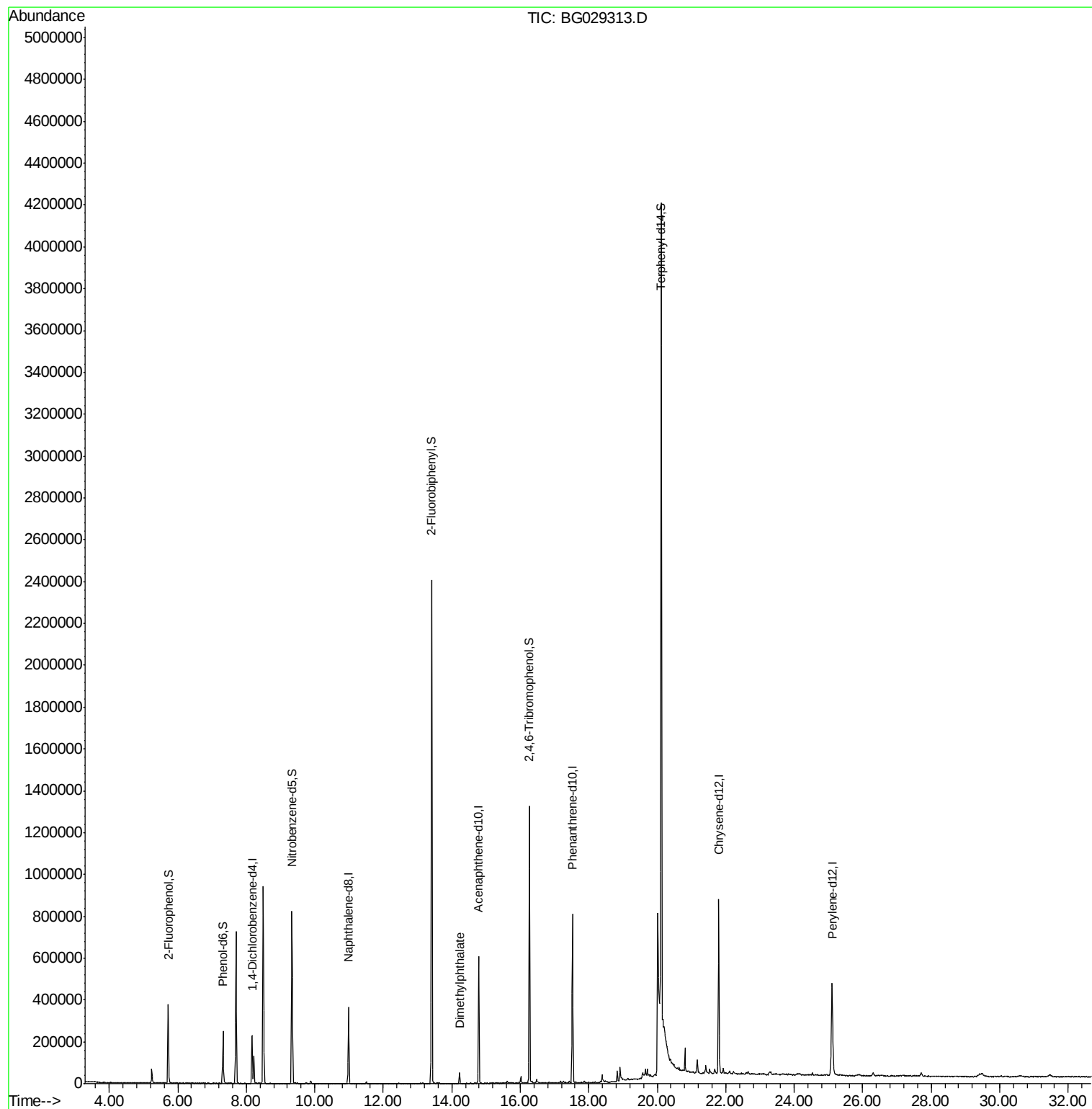
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66521	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	322898	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	213706	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	480534	20.00	ng	0.00
75) Chrysene-d12	21.80	240	498750	20.00	ng	0.00
86) Perylene-d12	25.10	264	509451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	174212	43.75	ng	0.00
7) Phenol-d6	7.32	99	152340	27.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	499738	98.35	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	255625	92.65	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1318868	90.51	ng	0.00
78) Terphenyl-d14	20.12	244	1848228	84.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	34862	2.09	ng	Qvalue # 99

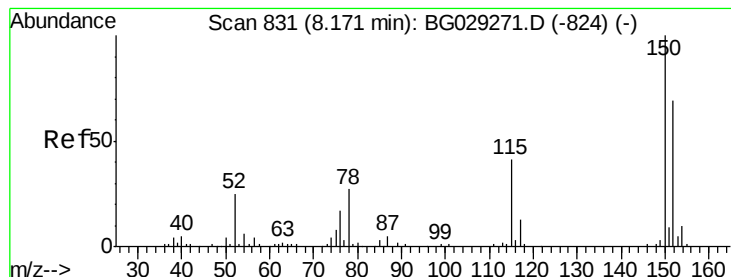
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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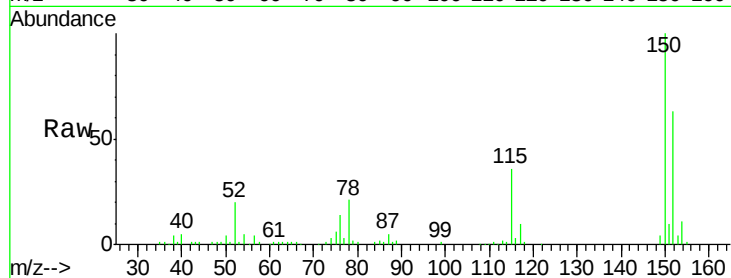


#1

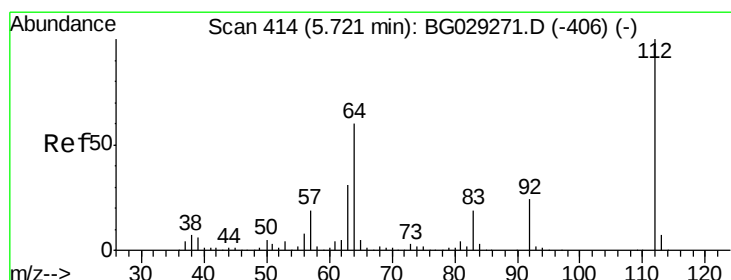
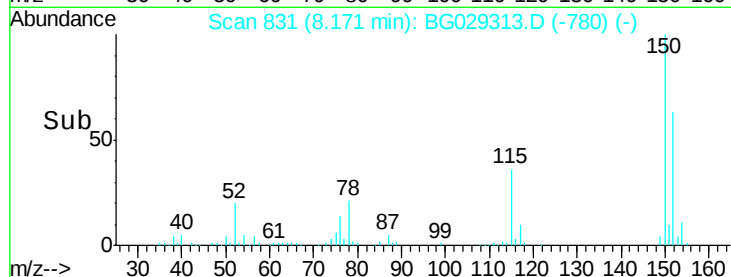
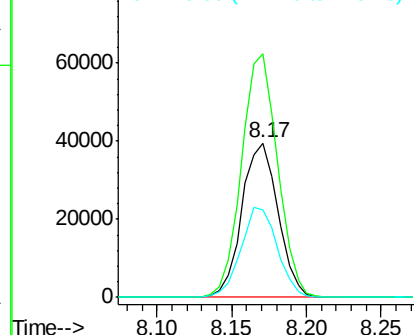
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029313.D
Acq: 17 Oct 2017 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66521
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 56.8 53.0 79.4



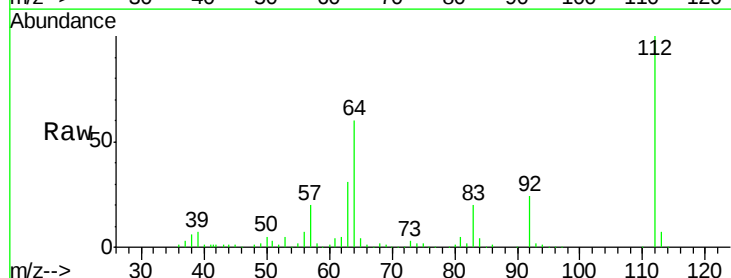
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



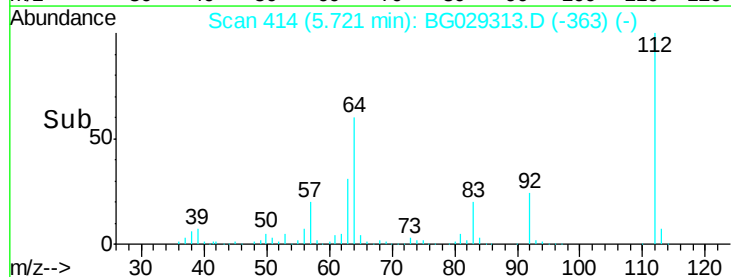
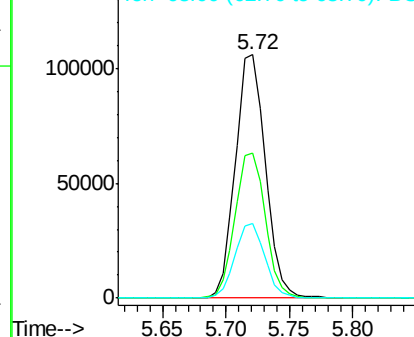
#5

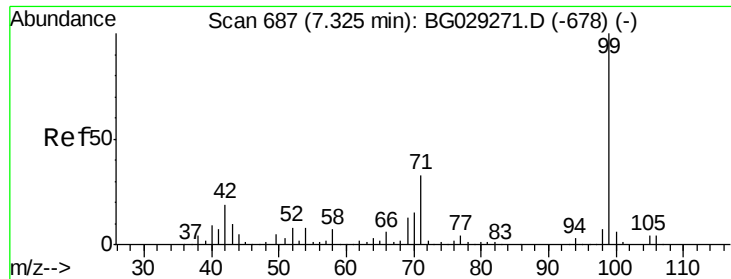
2-Fluorophenol
Concen: 43.75 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029313.D
Acq: 17 Oct 2017 22:50

Tgt Ion:112 Resp: 174212
Ion Ratio Lower Upper
112 100
64 59.5 56.3 84.5
63 30.6 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: 27.26 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029313.D

Acq: 17 Oct 2017 22:50

Instrument :

BNA_G

ClientSampled :

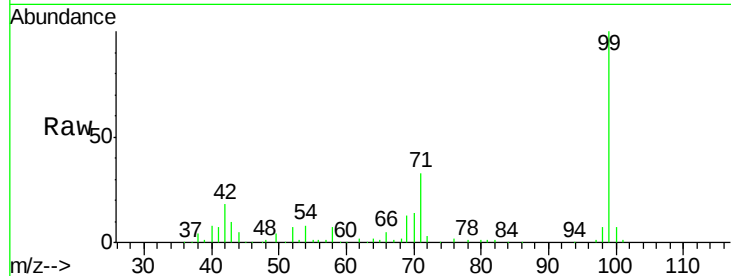
Tot Ion: 99 Resp: 152340

Ion Ratio Lower Upper

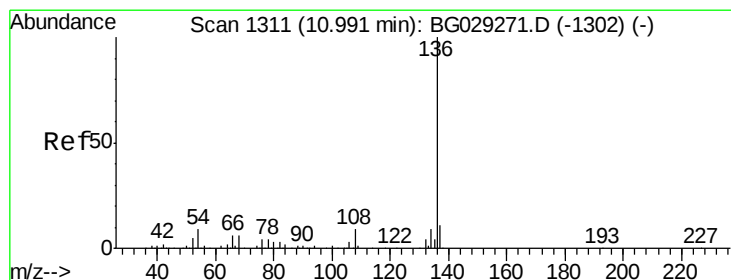
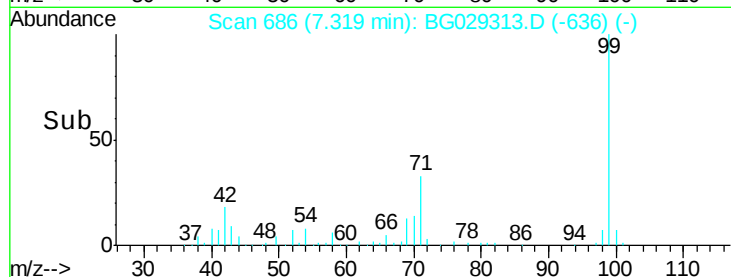
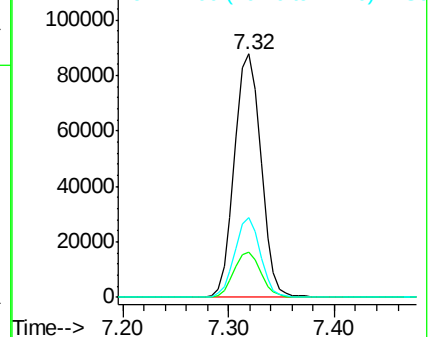
99 100

42 18.3 14.1 21.1

71 32.8 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: 20.00 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029313.D

Acq: 17 Oct 2017 22:50

Tgt Ion: 136 Resp: 322898

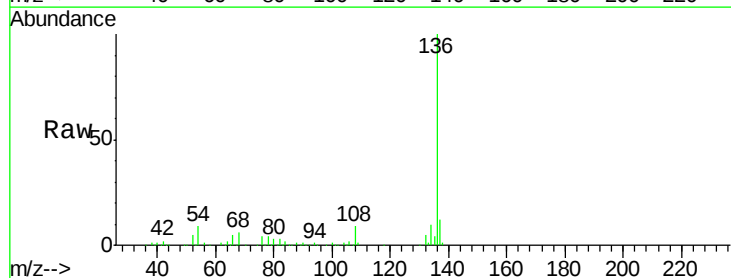
Ion Ratio Lower Upper

136 100

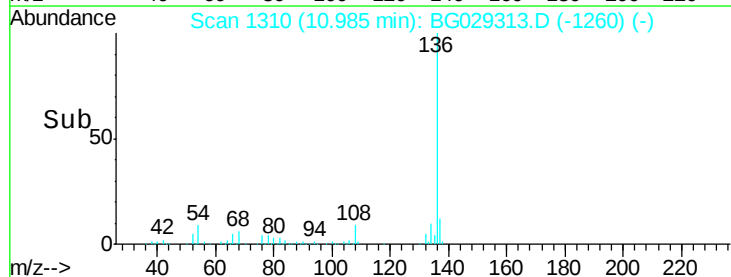
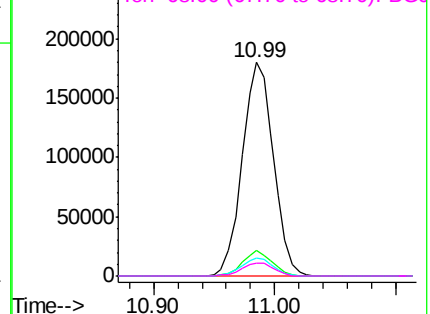
137 12.1 9.2 13.8

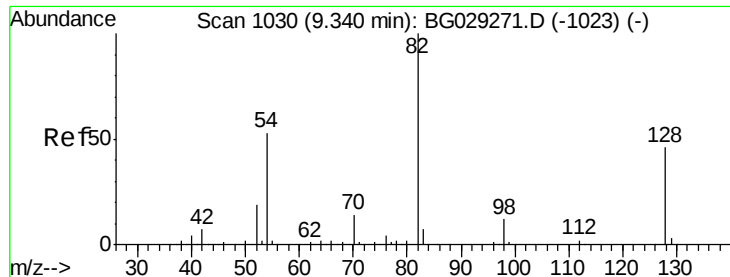
54 8.6 10.3 15.5#

68 6.0 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

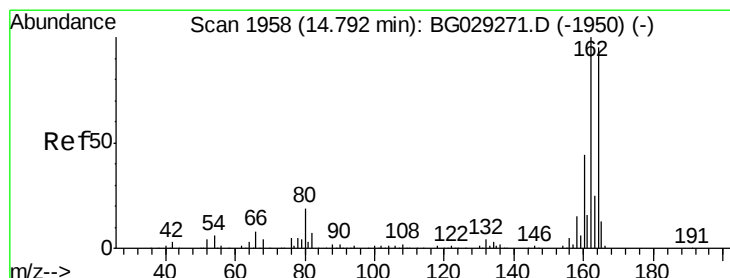
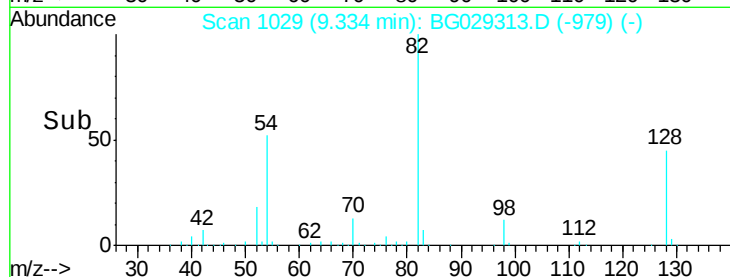
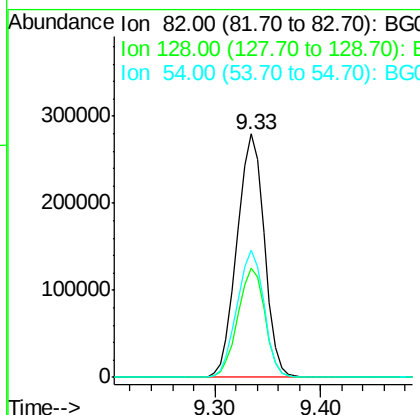
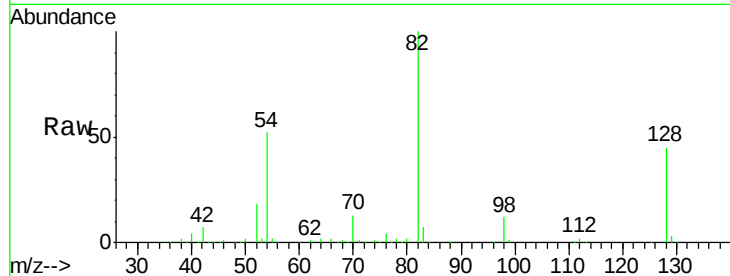




#23
 Nitrobenzene-d5
 Concen: 98.35 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029313.D
 Acq: 17 Oct 2017 22:50

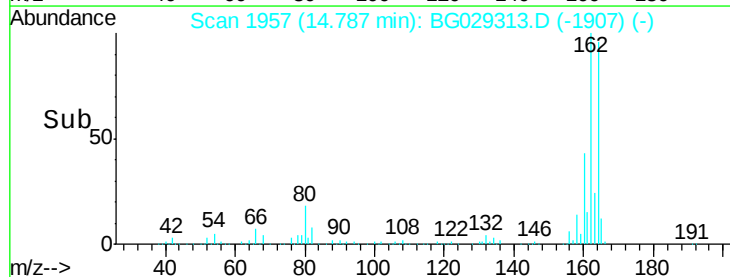
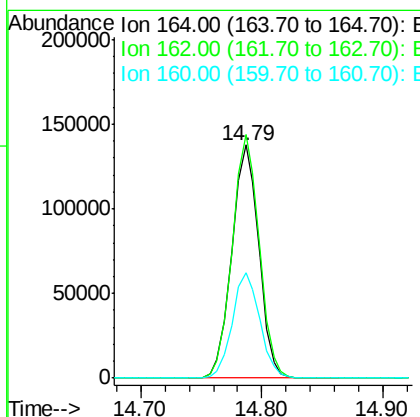
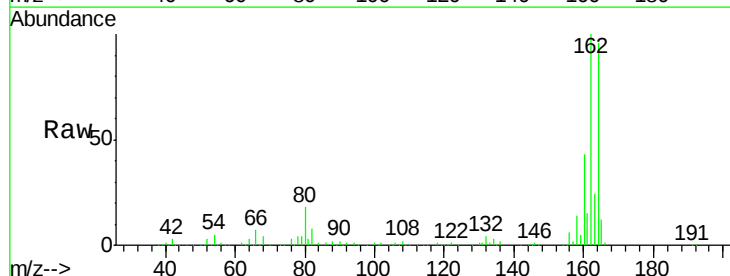
Instrument :
 BNA_G
 ClientSampleId :

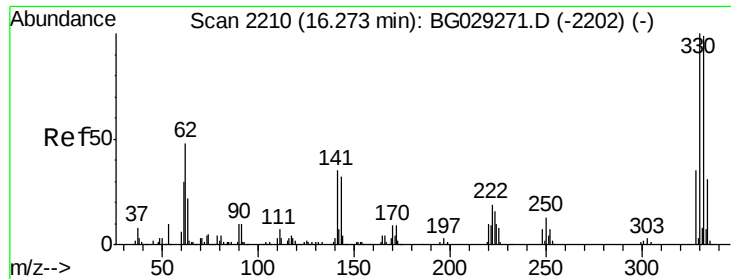
Tot Ion: 82 Resp: 499738
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029313.D
 Acq: 17 Oct 2017 22:50

Tgt Ion: 164 Resp: 213706
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.3 35.4 53.0

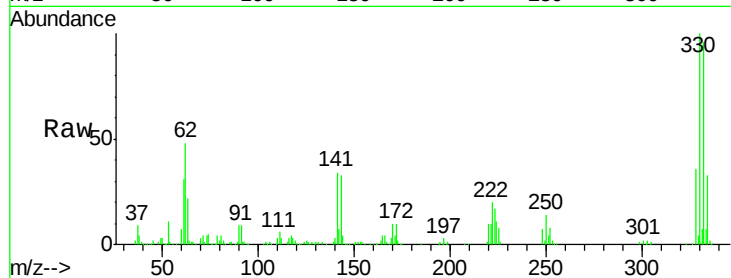




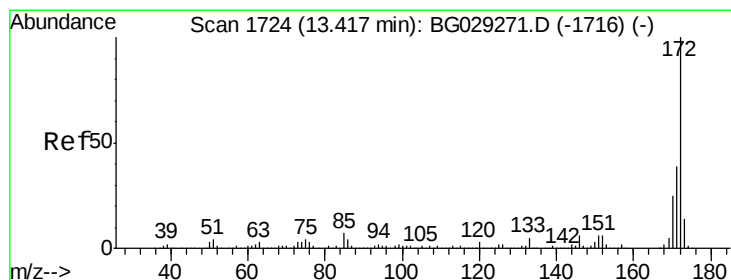
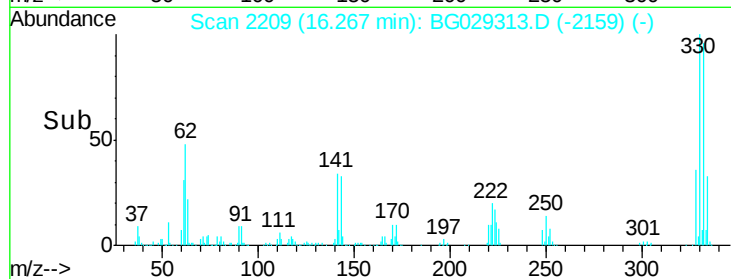
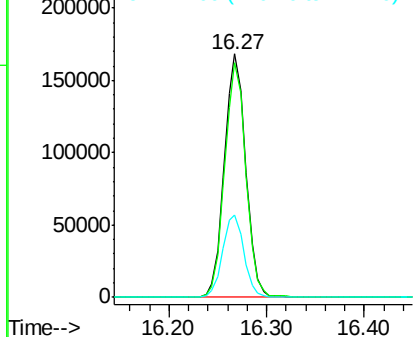
#41
 2,4,6-Tribromophenol
 Concen: 92.65 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029313.D
 Acq: 17 Oct 2017 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 255625
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.7 25.2 37.8

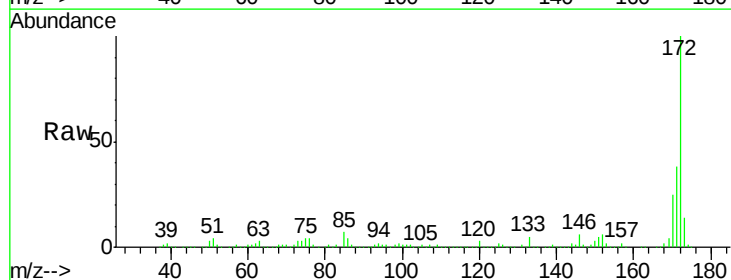


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

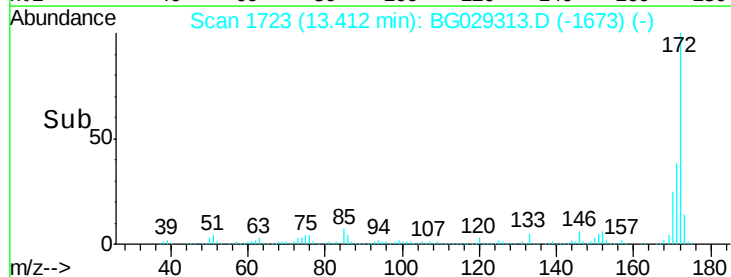
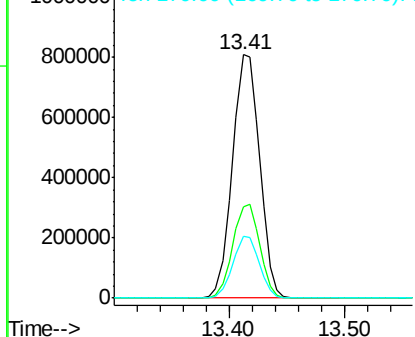


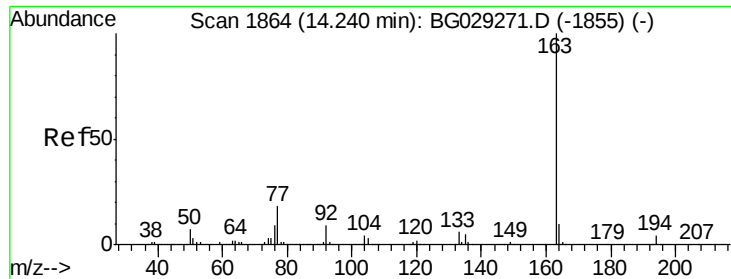
#44
 2-Fluorobiphenyl
 Concen: 90.51 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029313.D
 Acq: 17 Oct 2017 22:50

Tgt Ion:172 Resp: 1318868
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.2 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





#49

Dimethylphthalate

Concen: 2.09 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029313.D

Acq: 17 Oct 2017 22:50

Instrument :

BNA_G

ClientSampleId :

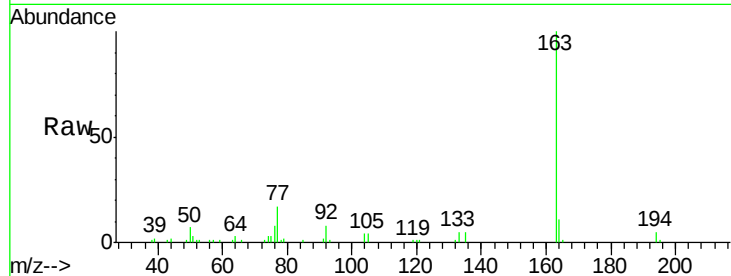
Tot Ion:163 Resp: 34862

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

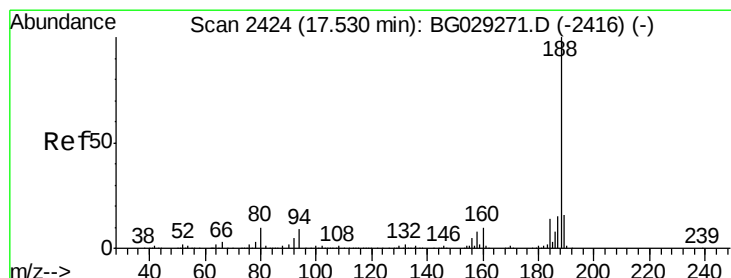
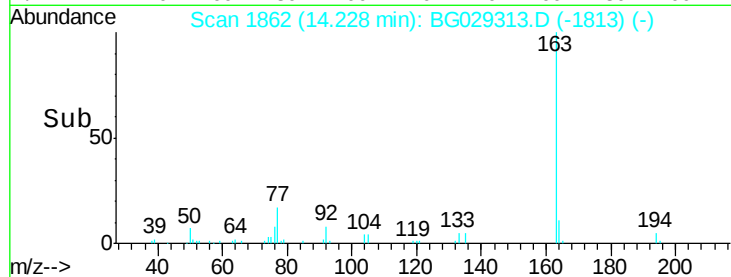
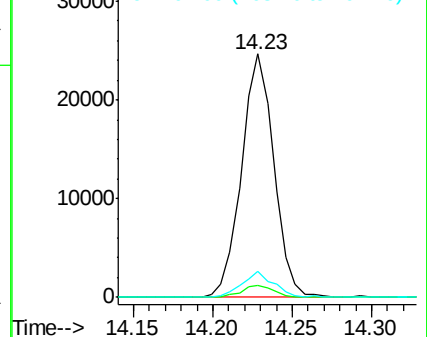
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029313.D

Acq: 17 Oct 2017 22:50

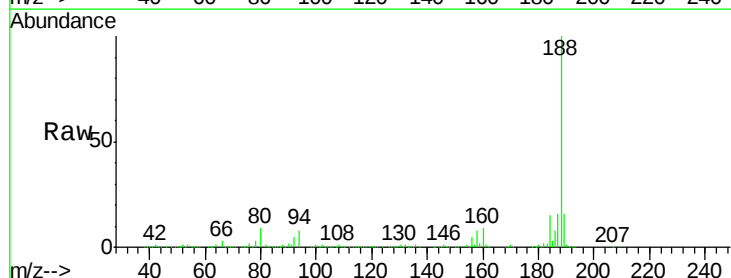
Tgt Ion:188 Resp: 480534

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

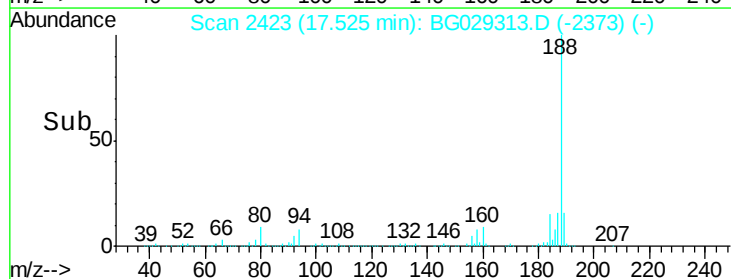
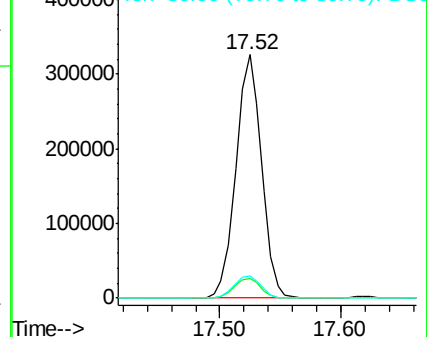
80 9.2 7.7 11.5

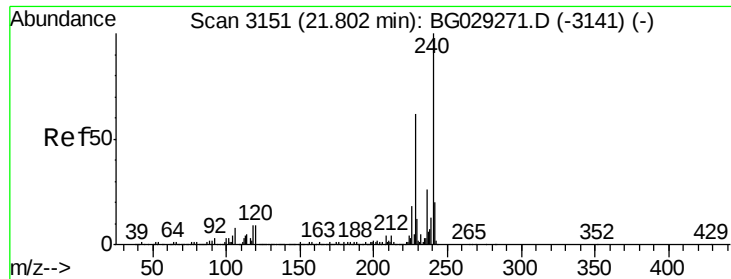


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029313.D

Acq: 17 Oct 2017 22:50

Instrument :

BNA_G

ClientSampleId :

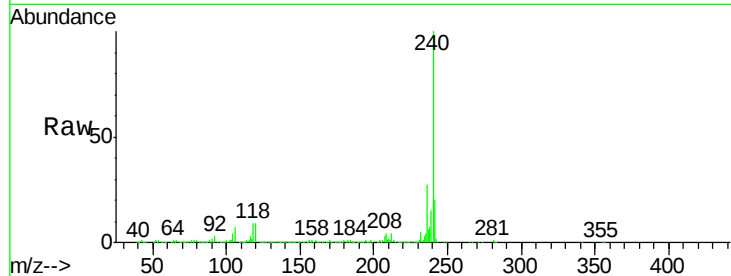
Tot Ion:240 Resp: 498750

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

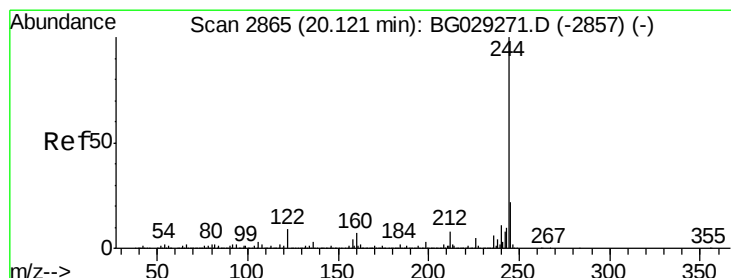
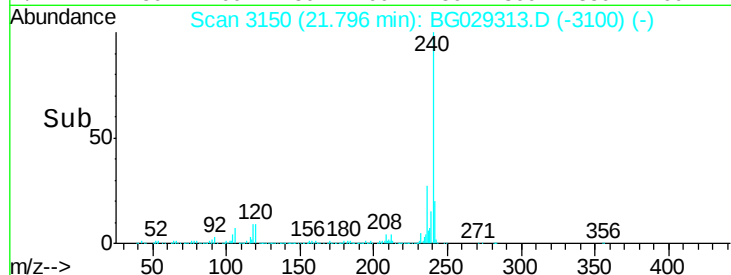
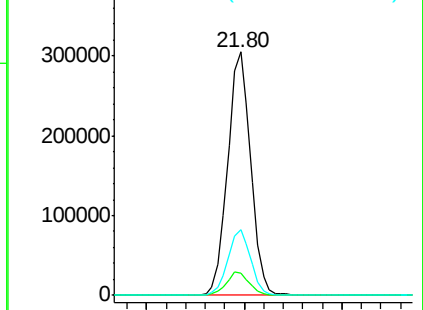
236 27.0 20.9 31.3



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: 84.30 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029313.D

Acq: 17 Oct 2017 22:50

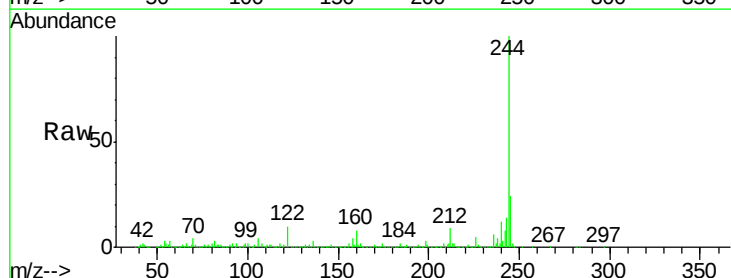
Tgt Ion:244 Resp: 1848228

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

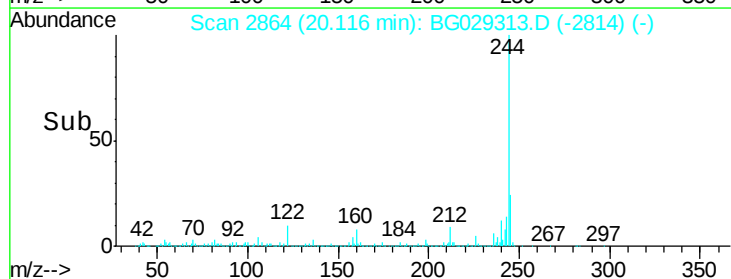
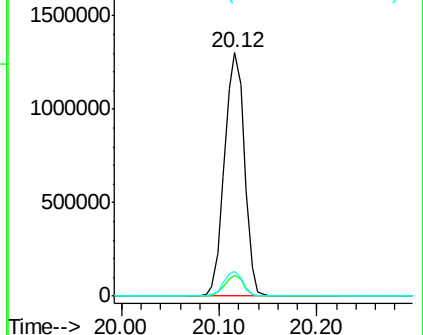
122 10.3 7.0 10.4

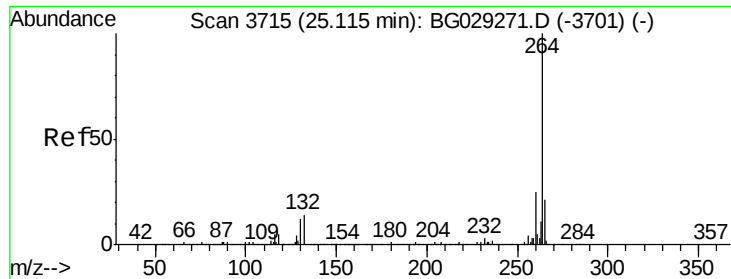


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029313.D
Acq: 17 Oct 2017 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 509451
Ion Ratio Lower Upper
264 100
260 24.7 17.4 26.0
265 22.5 17.7 26.5

