

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030521.D
 Acq On : 28 Oct 2017 6:38
 Operator : SJ/JU
 Sample : I6101-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 01:04:07 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

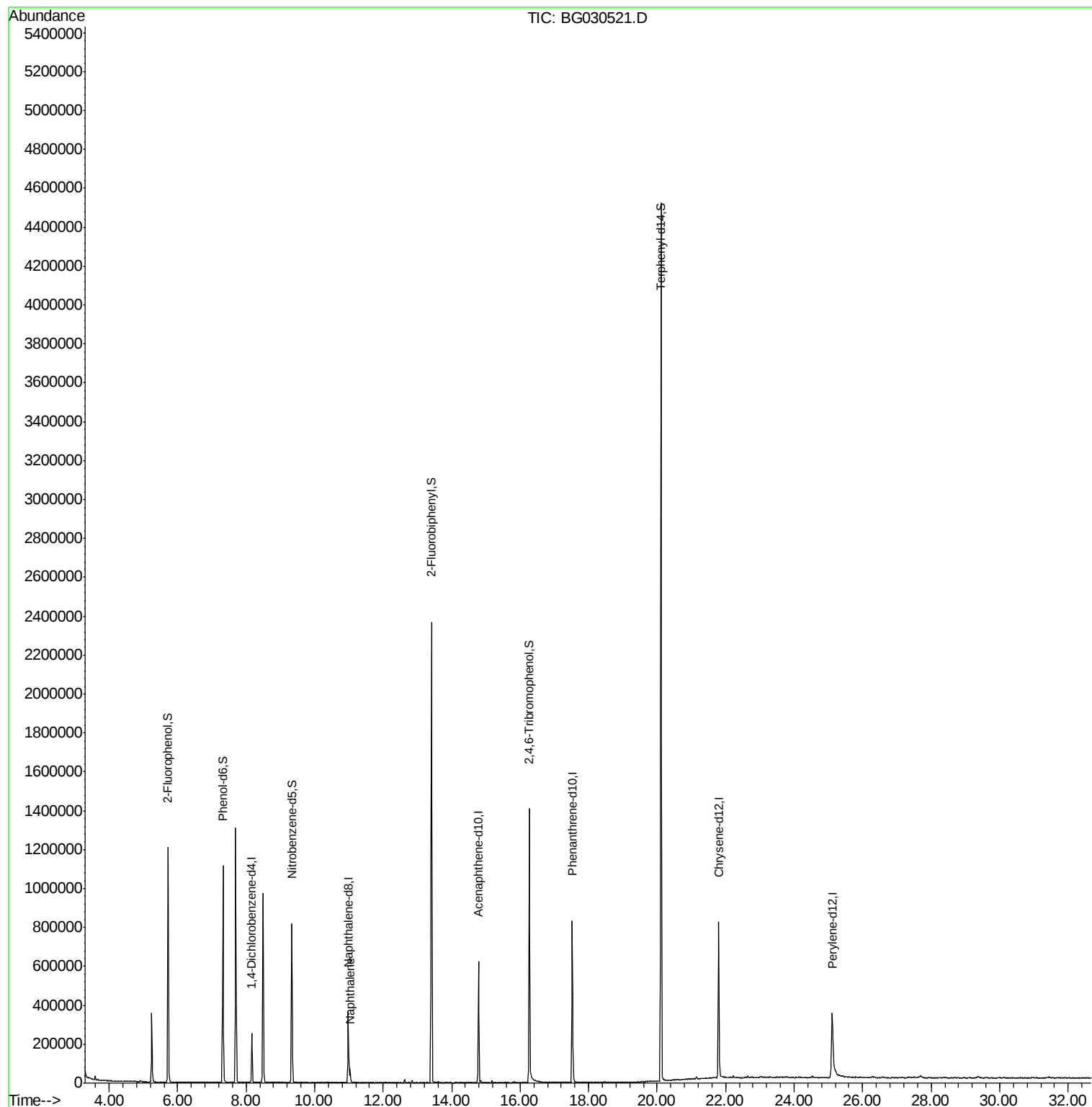
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71833	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	326265	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	220361	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	513532	20.00	ng	0.00
75) Chrysene-d12	21.79	240	542520	20.00	ng	0.00
86) Perylene-d12	25.11	264	517051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	551520	128.26	ng	0.00
7) Phenol-d6	7.32	99	664402	110.08	ng	0.00
23) Nitrobenzene-d5	9.33	82	501470	97.67	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	301433	105.95	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1292439	86.02	ng	0.00
78) Terphenyl-d14	20.11	244	2013139	84.42	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	62408	3.838	ng	Qvalue 98

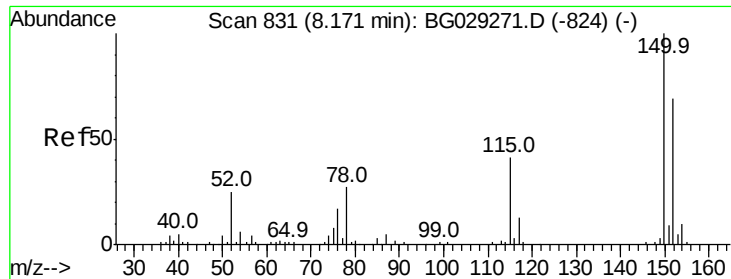
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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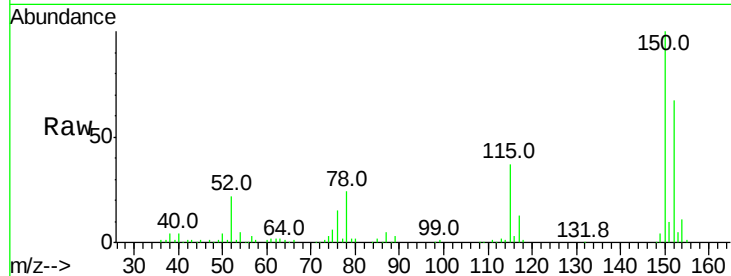


#1

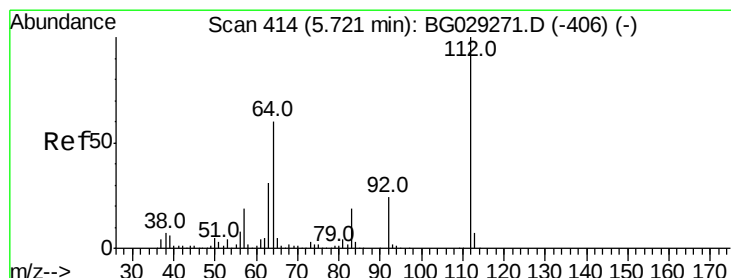
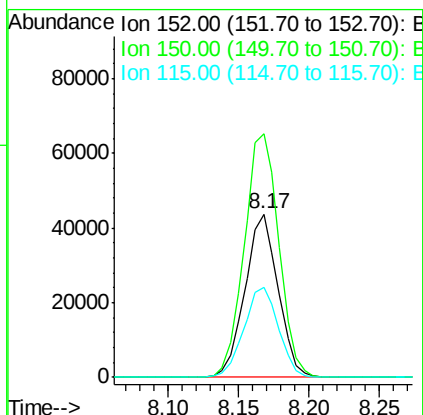
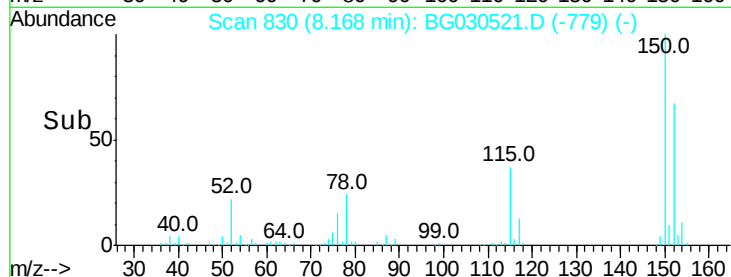
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030521.D
Acq: 28 Oct 2017 6:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71833
Ion Ratio Lower Upper
152 100
150 149.4 126.6 189.8
115 55.2 53.0 79.4



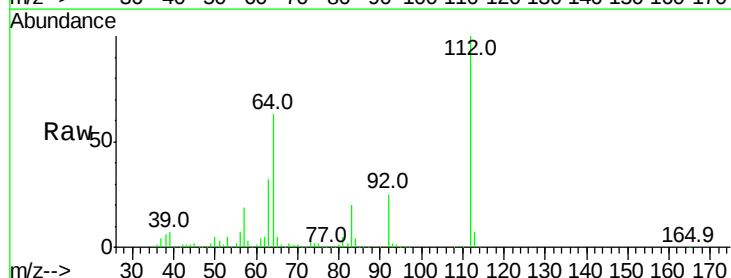
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



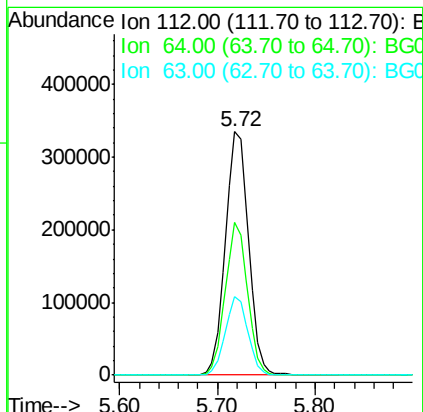
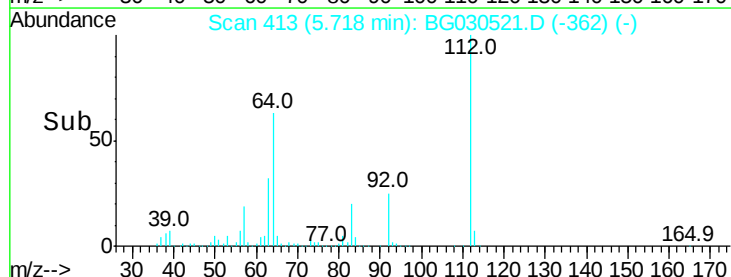
#5

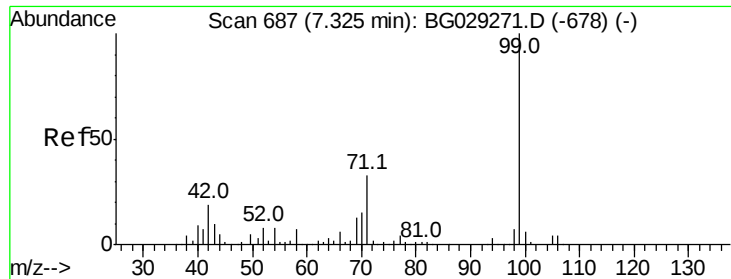
2-Fluorophenol
Concen: 128.262 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030521.D
Acq: 28 Oct 2017 6:38

Tgt Ion:112 Resp: 551520
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 32.5 30.1 45.1



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





#7

Phenol-d6

Concen: 110.079 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030521.D

Acq: 28 Oct 2017 6:38

Instrument :

BNA_G

ClientSampled :

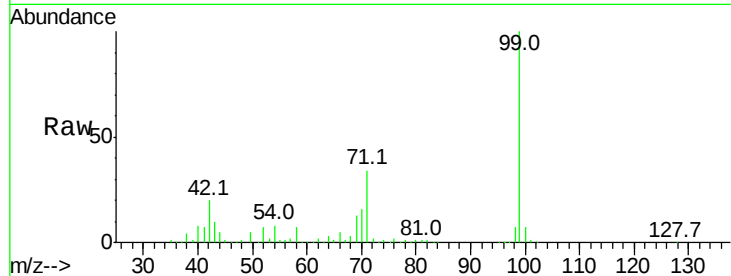
Tot Ion: 99 Resp: 664402

Ion Ratio Lower Upper

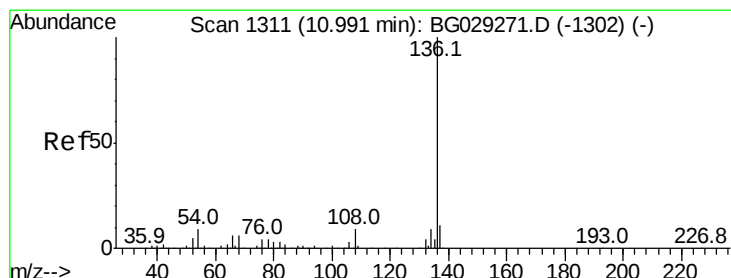
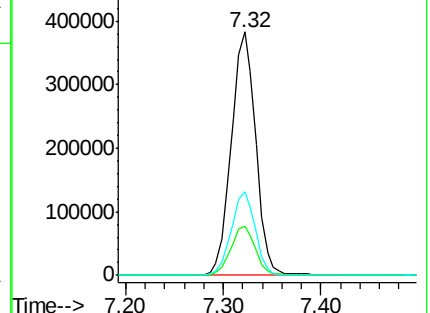
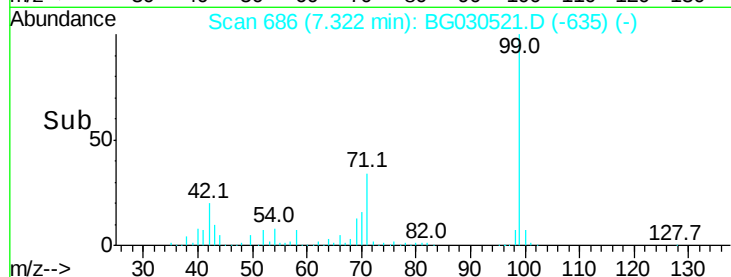
99 100

42 20.0 14.1 21.1

71 34.1 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030521.D

Acq: 28 Oct 2017 6:38

Tgt Ion: 136 Resp: 326265

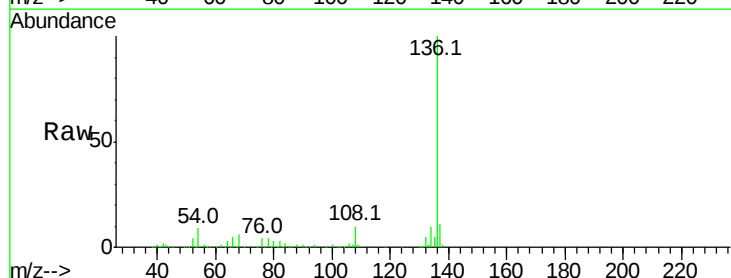
Ion Ratio Lower Upper

136 100

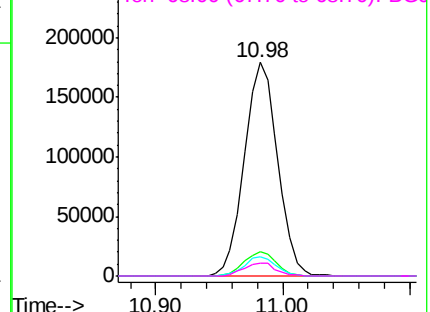
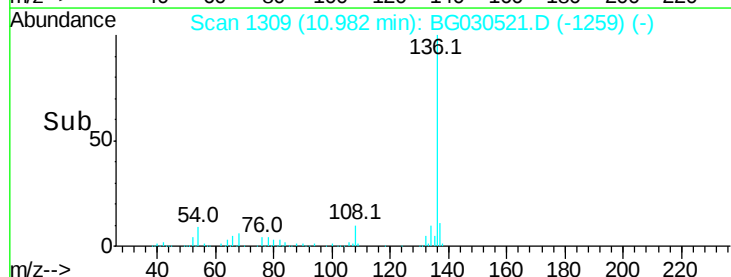
137 11.2 9.2 13.8

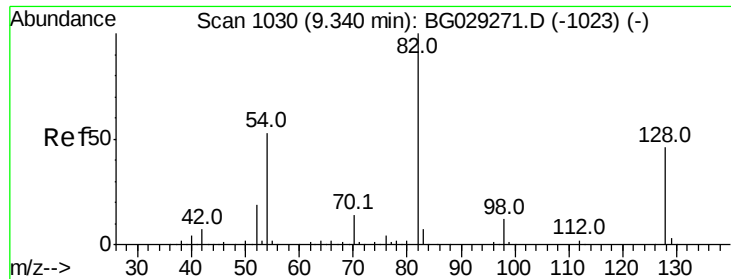
54 9.0 10.3 15.5#

68 5.7 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

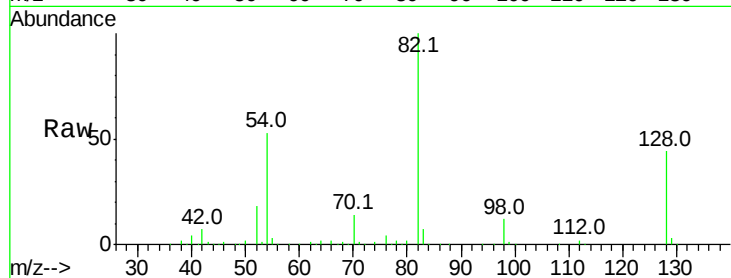




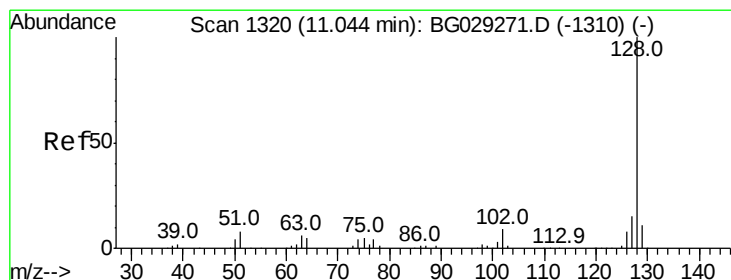
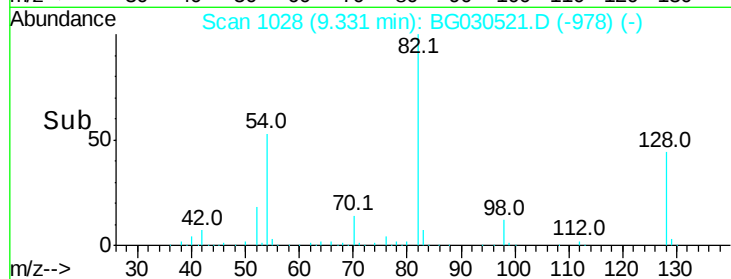
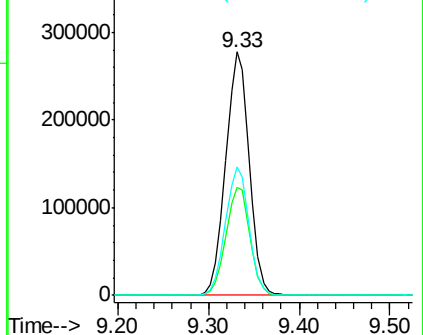
#23
 Nitrobenzene-d5
 Concen: 97.672 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030521.D
 Acq: 28 Oct 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 501470
 Ion Ratio Lower Upper
 82 100
 128 44.3 29.7 44.5
 54 53.0 43.1 64.7

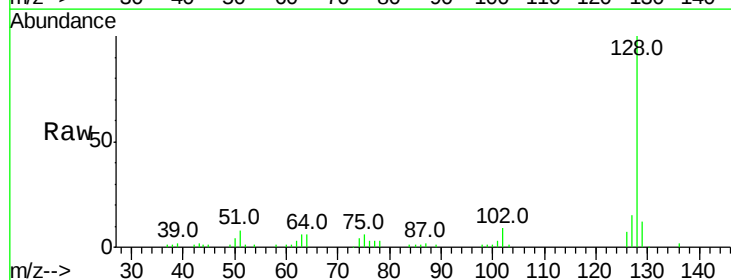


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

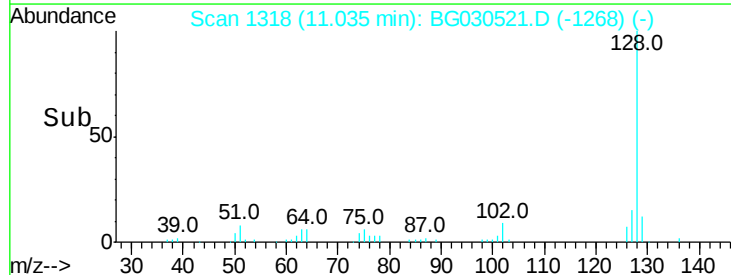
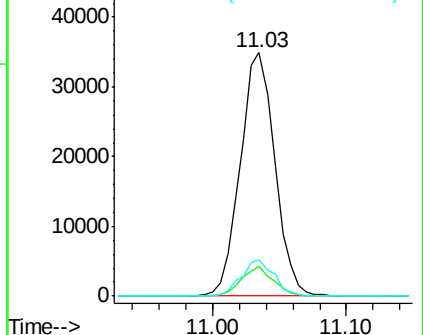


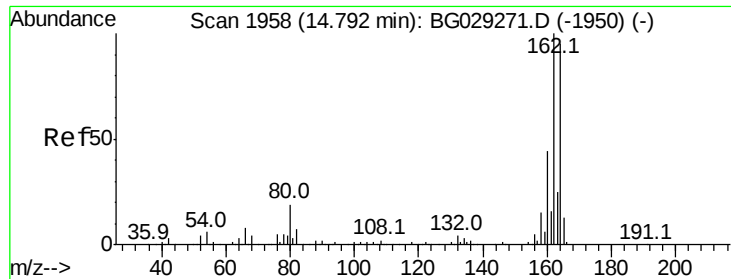
#31
 Naphthalene
 Concen: 3.838 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG030521.D
 Acq: 28 Oct 2017 6:38

Tgt Ion: 128 Resp: 62408
 Ion Ratio Lower Upper
 128 100
 129 12.4 8.6 12.8
 127 14.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030521.D

Acq: 28 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

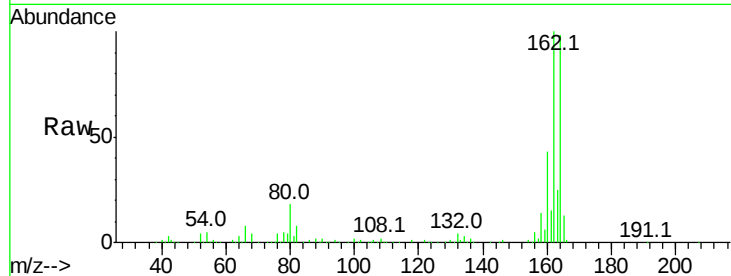
Tot Ion:164 Resp: 220361

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

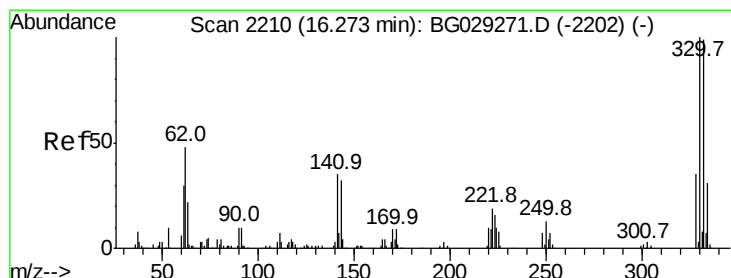
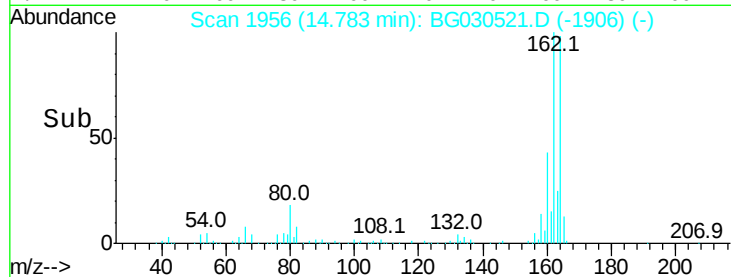
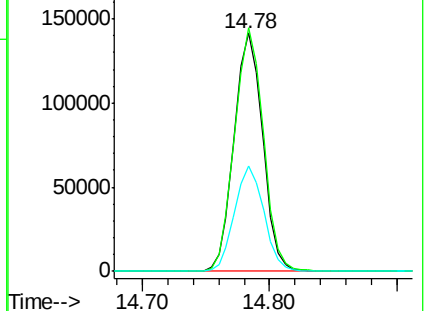
160 44.5 35.4 53.0



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: 105.949 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030521.D

Acq: 28 Oct 2017 6:38

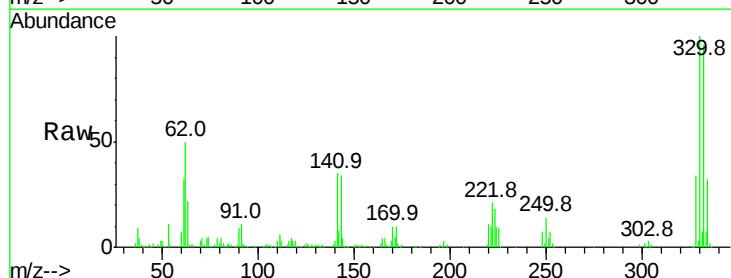
Tgt Ion:330 Resp: 301433

Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

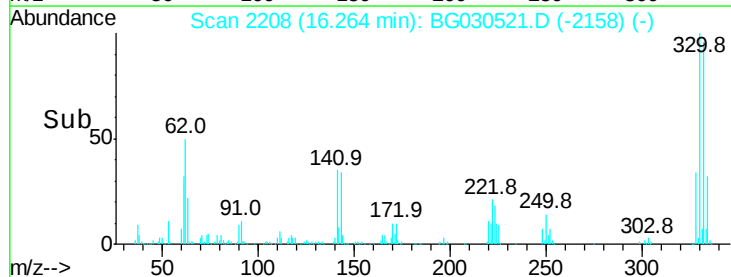
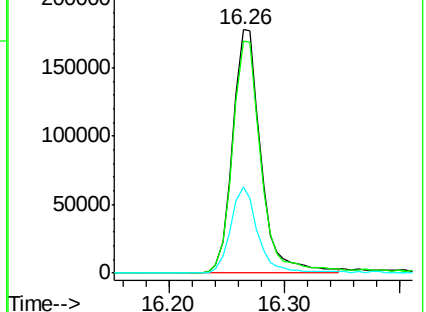
141 34.5 25.2 37.8



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



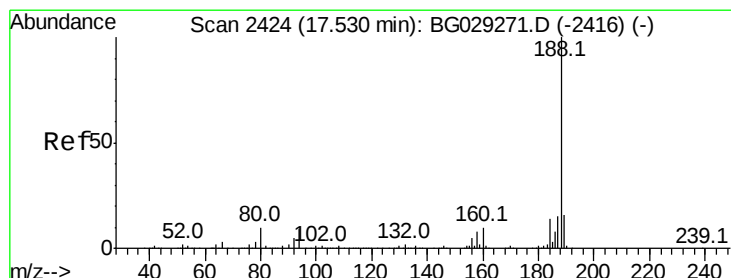
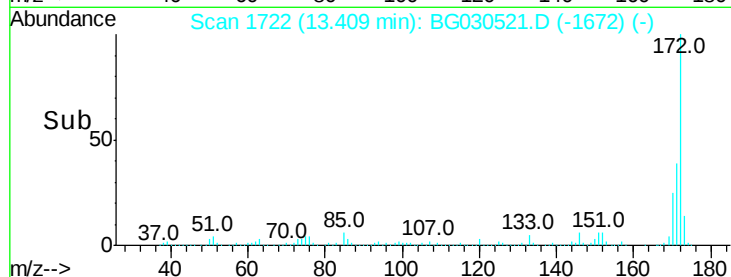
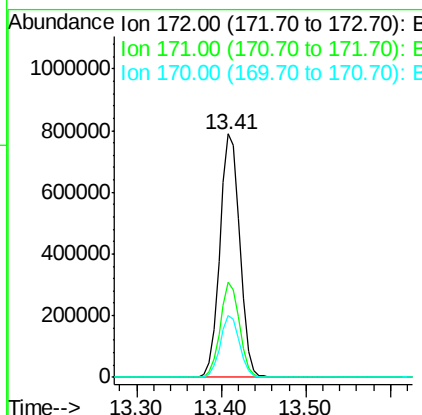
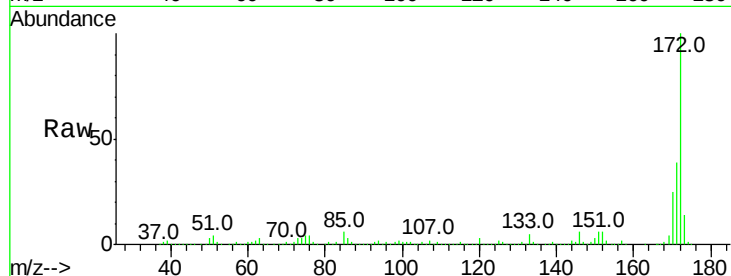


#44
 2-Fluorobiphenyl
 Concen: 86.021 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030521.D
 Acq: 28 Oct 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1292439

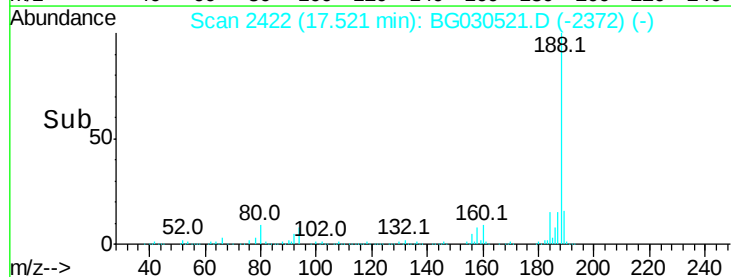
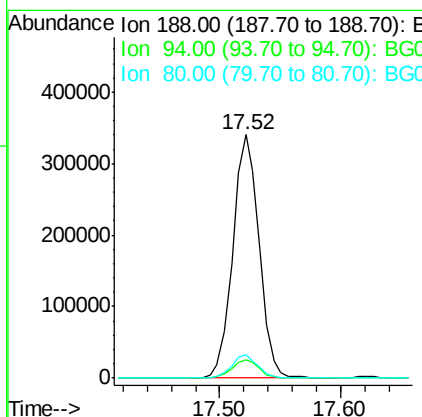
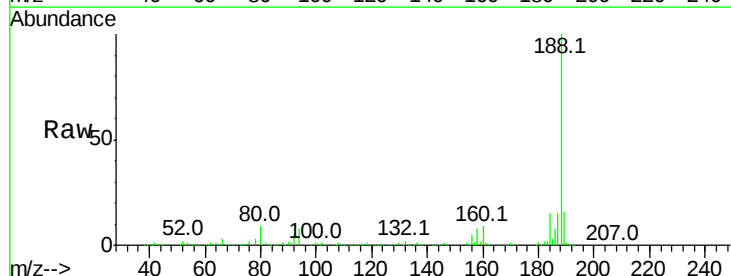
Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	25.4	19.5	29.3

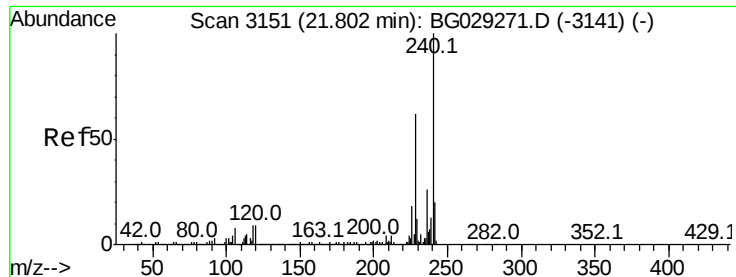


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030521.D
 Acq: 28 Oct 2017 6:38

Tgt Ion:188 Resp: 513532

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.4	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: BG030521.D

Acq: 28 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

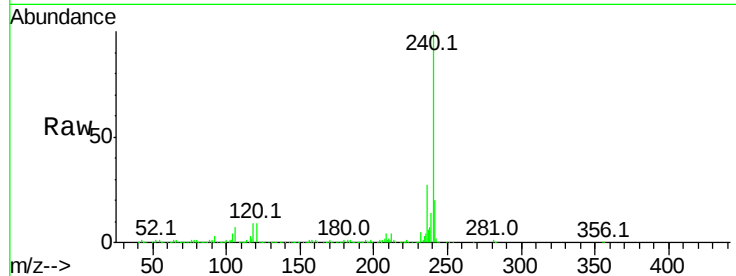
Tot Ion:240 Resp: 542520

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

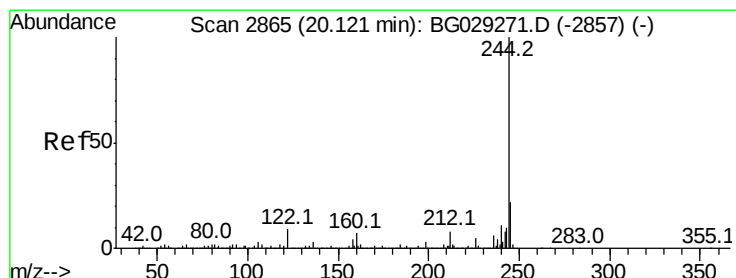
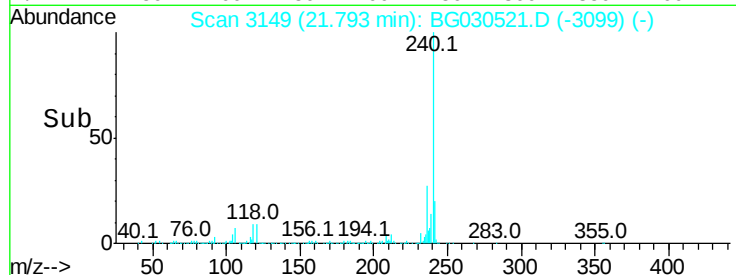
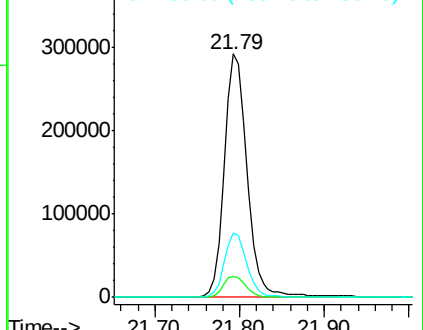
236 26.6 20.9 31.3



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: 84.416 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030521.D

Acq: 28 Oct 2017 6:38

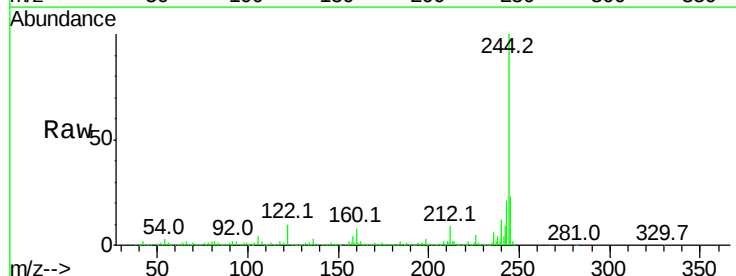
Tgt Ion:244 Resp: 2013139

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

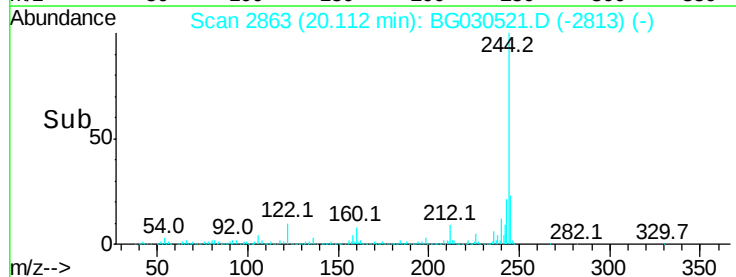
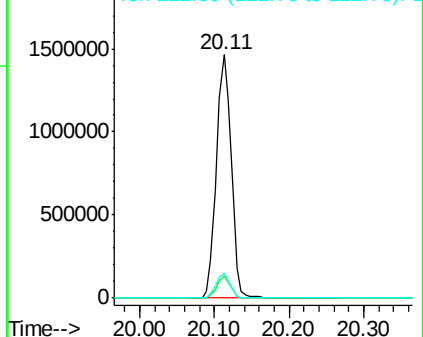
122 10.0 7.0 10.4

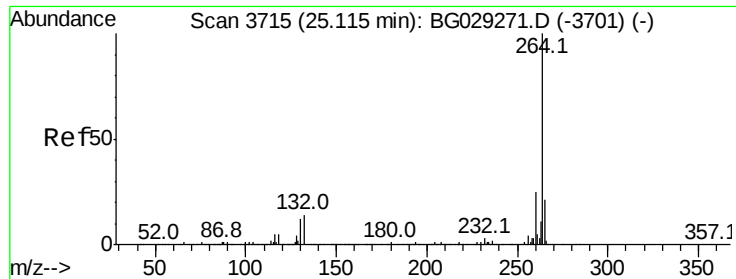


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

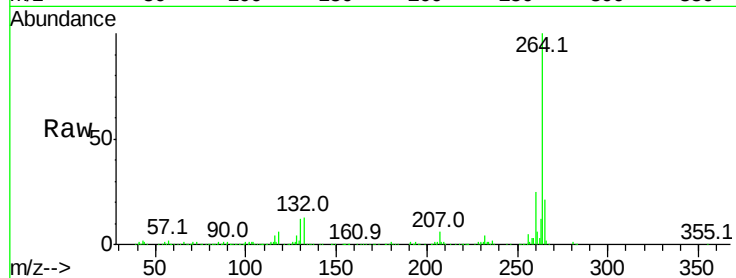




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG030521.D
 Acq: 28 Oct 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.5	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

