

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030569.D
 Acq On : 29 Oct 2017 20:03
 Operator : SJ/JU
 Sample : I6094-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

Quant Time: Oct 30 08:28:46 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

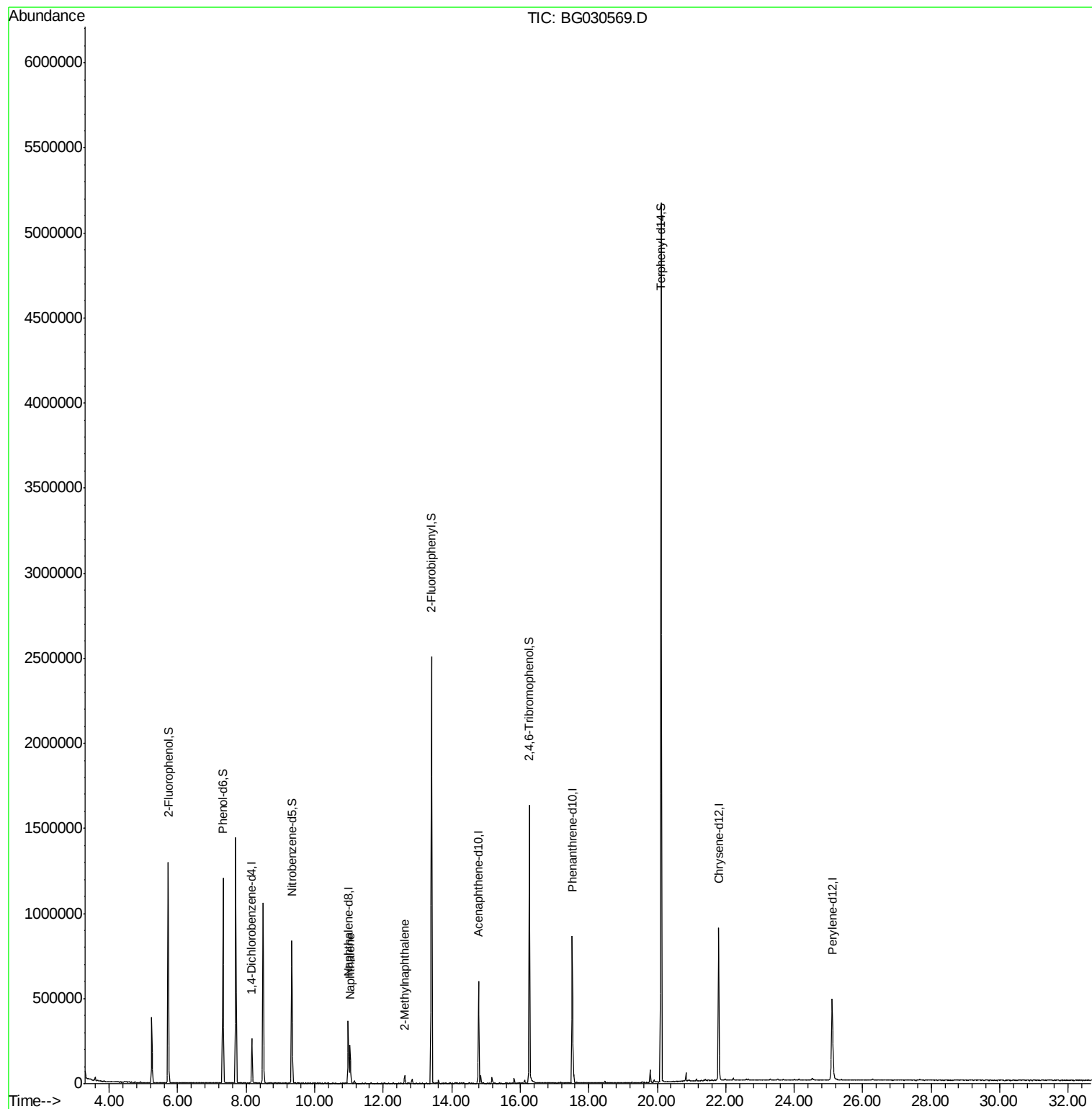
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75167	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	326225	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	214281	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	534196	20.00	ng	0.00
75) Chrysene-d12	21.79	240	574841	20.00	ng	0.00
86) Perylene-d12	25.11	264	563427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	606309	134.75	ng	0.00
7) Phenol-d6	7.32	99	724039	114.64	ng	0.00
23) Nitrobenzene-d5	9.34	82	515469	100.41	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	354223	128.04	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1391856	95.27	ng	0.00
78) Terphenyl-d14	20.11	244	2276921	90.11	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	202782	12.472	ng	97
37) 2-Methylnaphthalene	12.63	142	24102	2.034	ng	96

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

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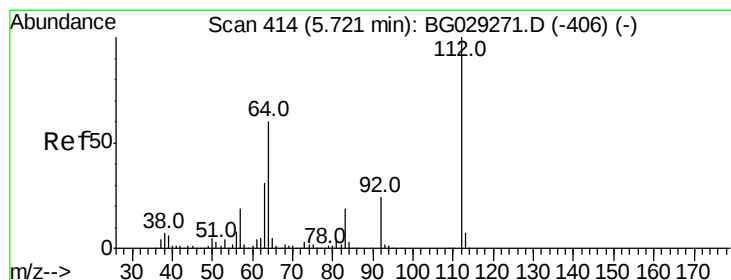
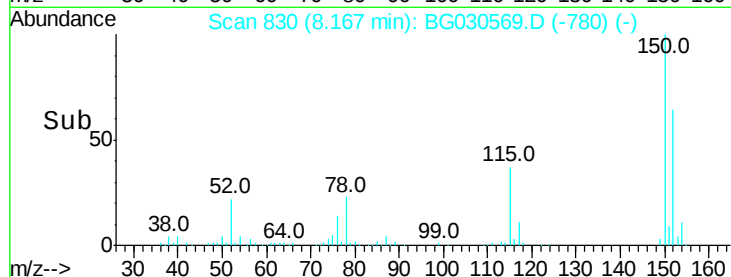
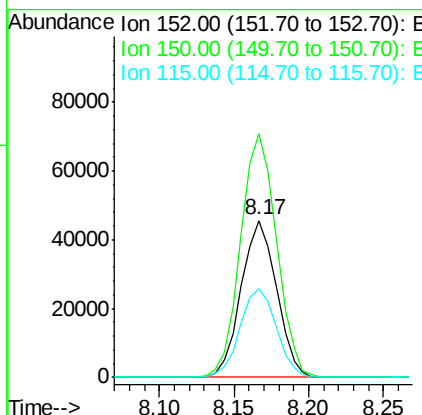
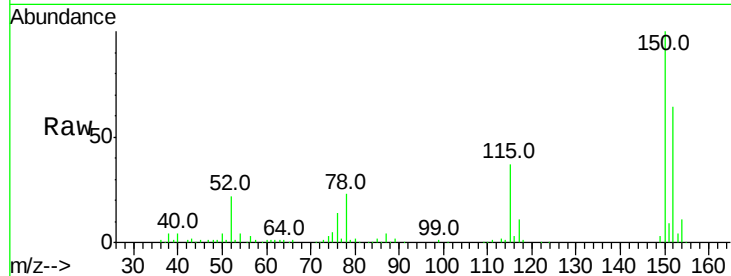


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Instrument :
BNA_G
ClientSampleId :
ISLIP-WEST-COMP(0-3)

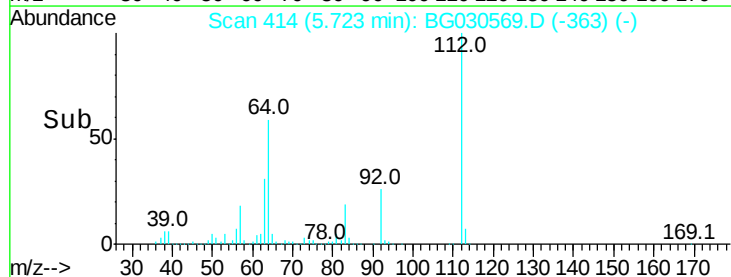
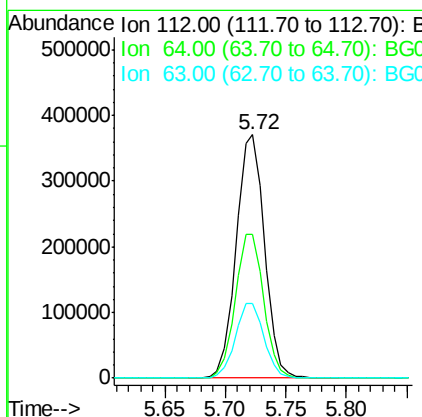
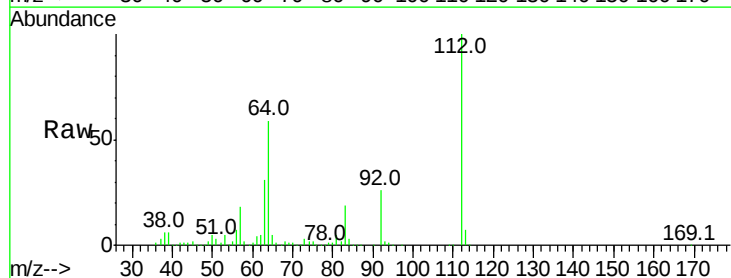
Tot Ion:152 Resp: 75167
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 56.7 53.0 79.4



#5

2-Fluorophenol
Concen: 134.749 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion:112 Resp: 606309
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 114.639 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

ISLIP-WEST-COMP(0-3)

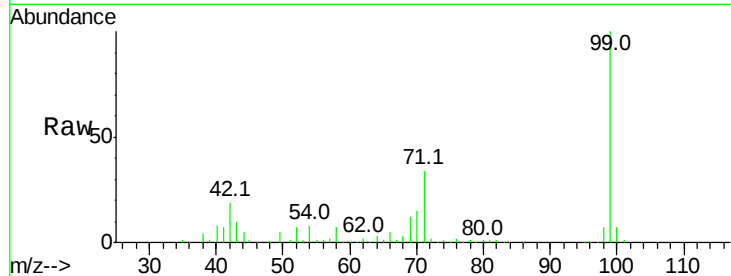
Tot Ion: 99 Resp: 724039

Ion Ratio Lower Upper

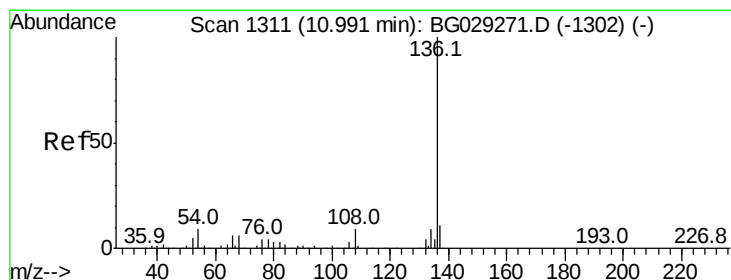
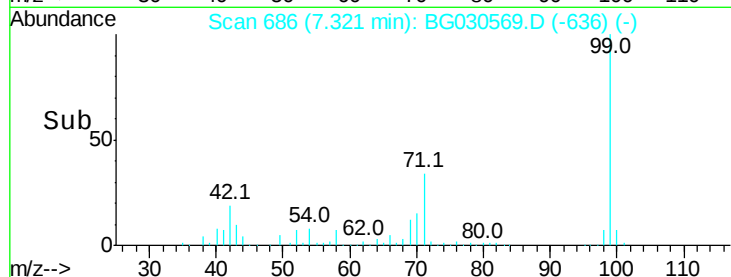
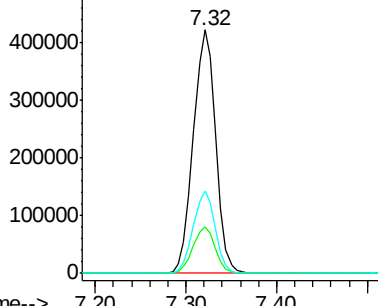
99 100

42 18.9 14.1 21.1

71 33.7 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Tgt Ion: 136 Resp: 326225

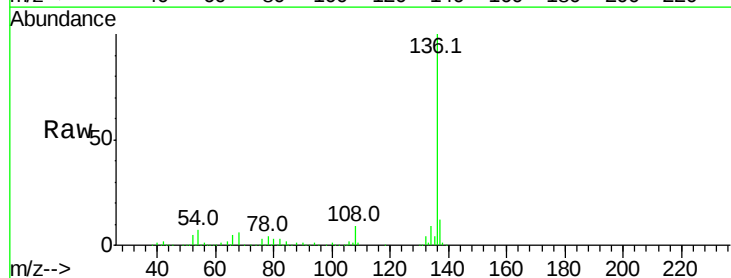
Ion Ratio Lower Upper

136 100

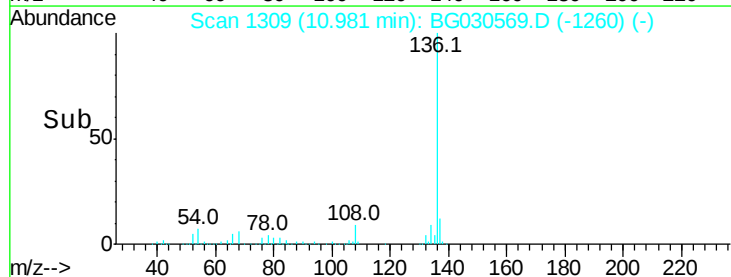
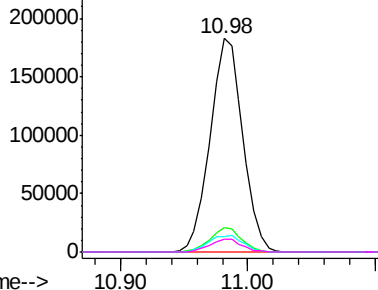
137 11.5 9.2 13.8

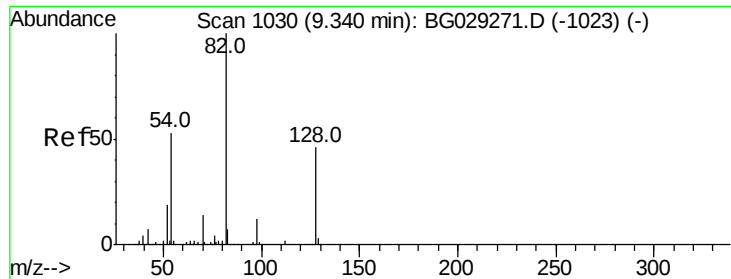
54 7.4 10.3 15.5#

68 5.9 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

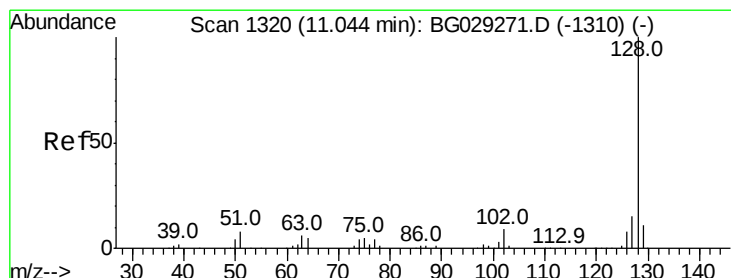
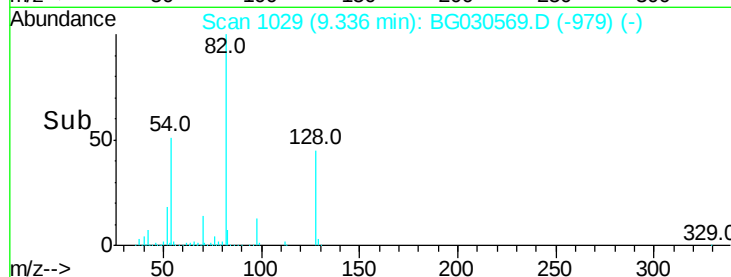
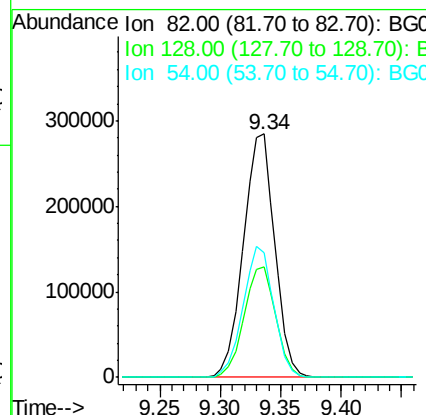
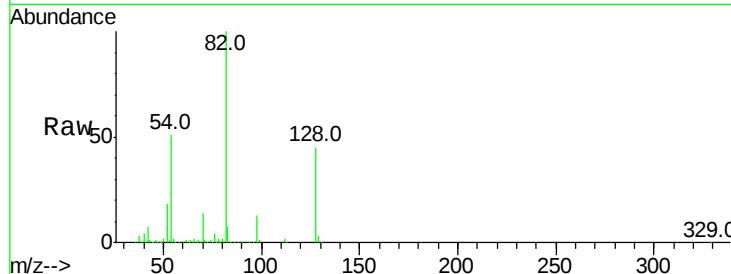




#23
 Nitrobenzene-d5
 Concen: 100.411 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030569.D
 Acq: 29 Oct 2017 20:03

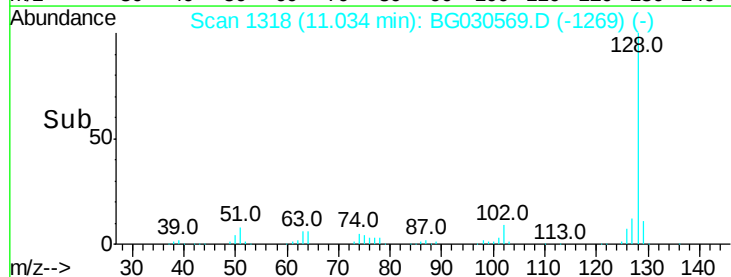
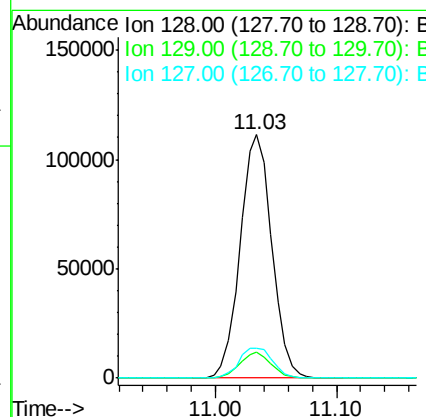
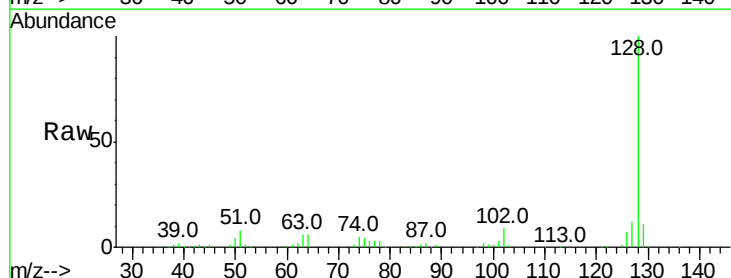
Instrument :
 BNA_G
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

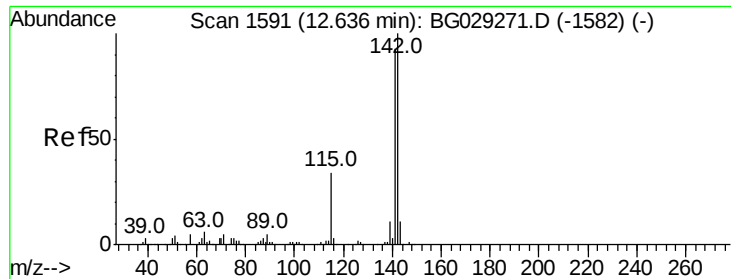
Tot Ion: 82 Resp: 515469
 Ion Ratio Lower Upper
 82 100
 128 45.4 29.7 44.5#
 54 51.1 43.1 64.7



#31
 Naphthalene
 Concen: 12.472 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG030569.D
 Acq: 29 Oct 2017 20:03

Tgt Ion: 128 Resp: 202782
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 12.8
 127 12.3 11.6 17.4

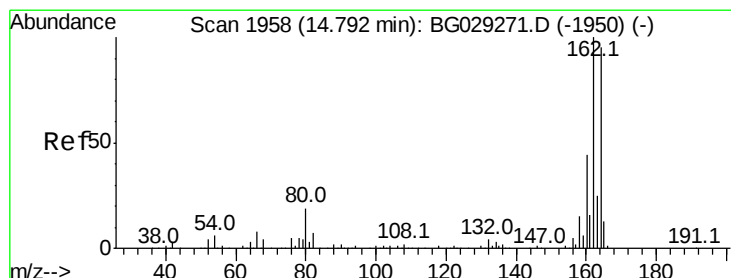
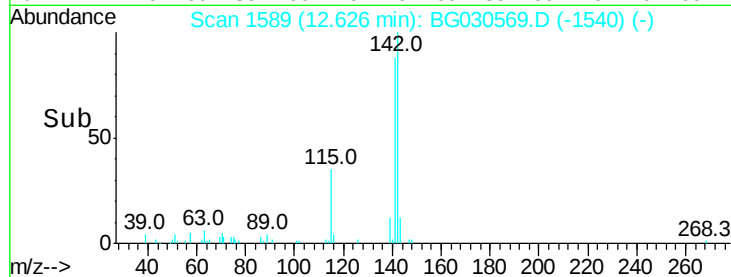
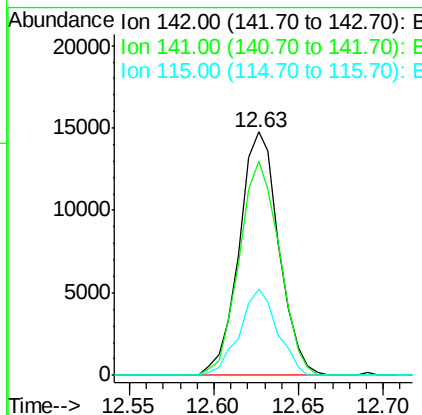
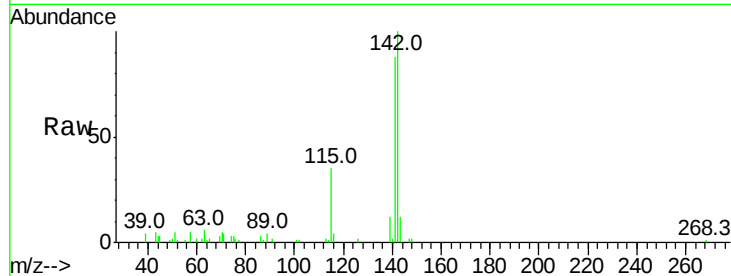




#37
2-Methylnaphthalene
Concen: 2.034 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

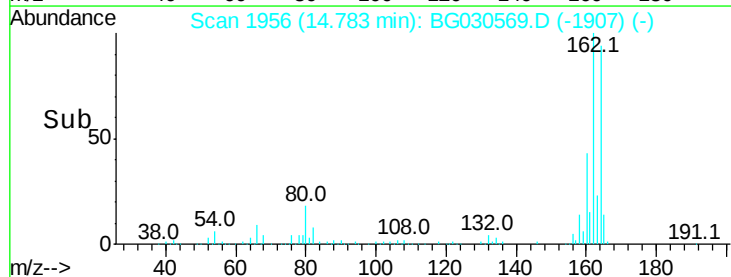
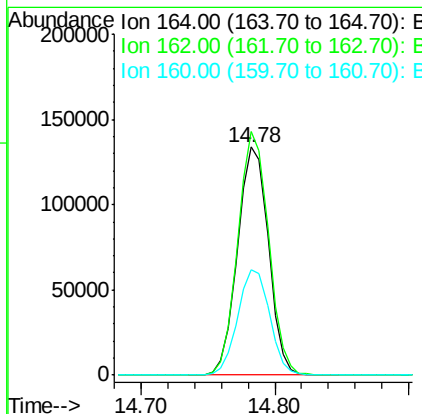
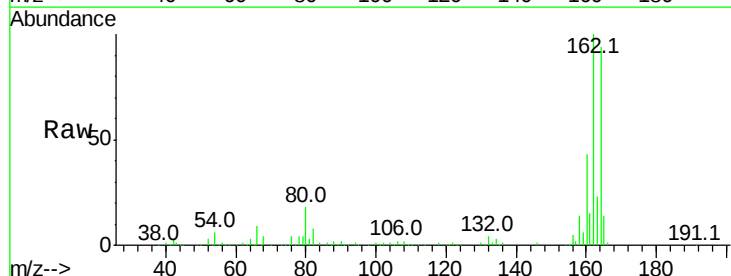
Instrument :
BNA_G
ClientSampleId :
ISLIP-WEST-COMP(0-3)

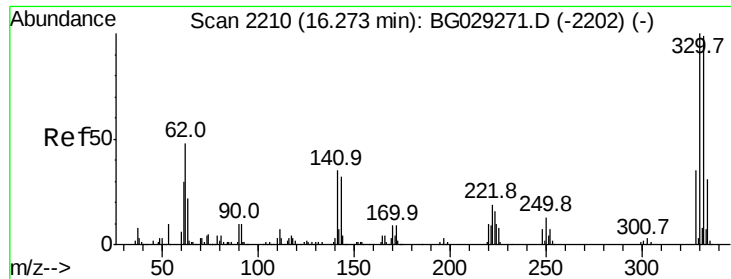
Tot Ion:142 Resp: 24102
Ion Ratio Lower Upper
142 100
141 87.8 67.1 100.7
115 35.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion:164 Resp: 214281
Ion Ratio Lower Upper
164 100
162 106.9 78.8 118.2
160 46.1 35.4 53.0

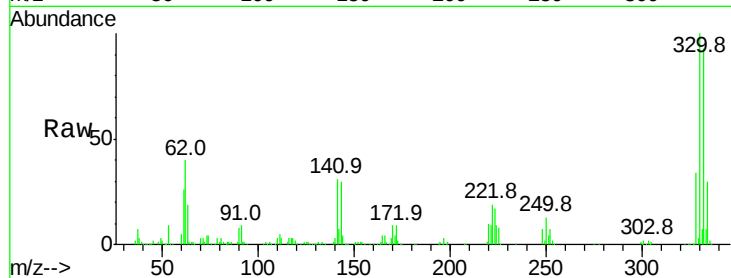




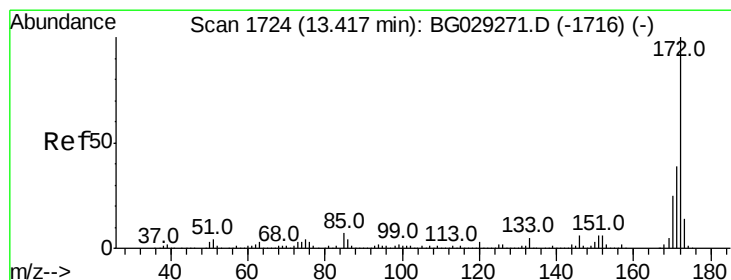
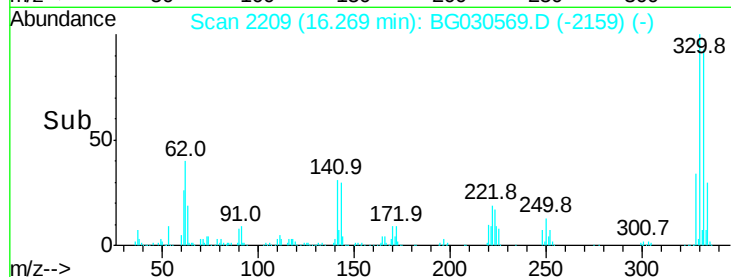
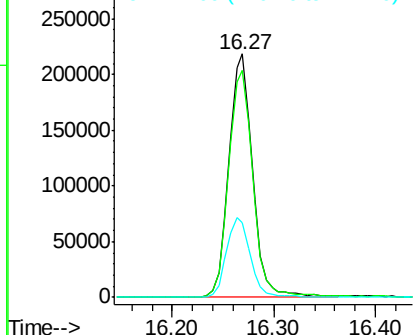
#41
 2,4,6-Tribromophenol
 Concen: 128.036 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030569.D
 Acq: 29 Oct 2017 20:03

Instrument :
 BNA_G
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

Tot Ion:330 Resp: 354223
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.5 25.2 37.8

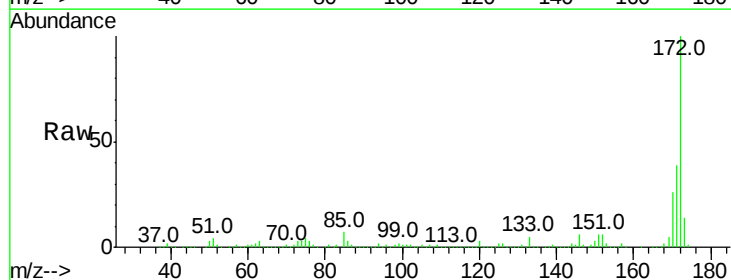


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

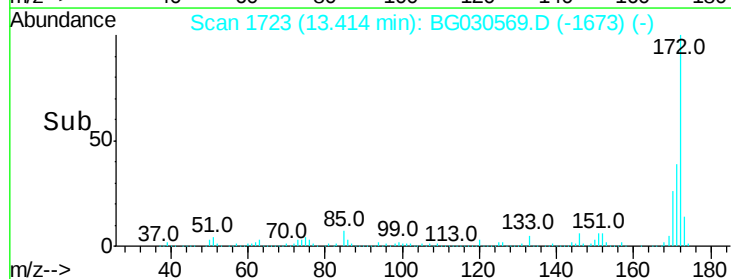
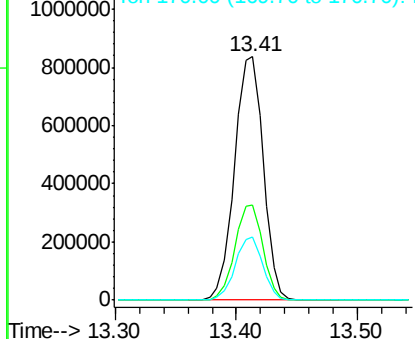


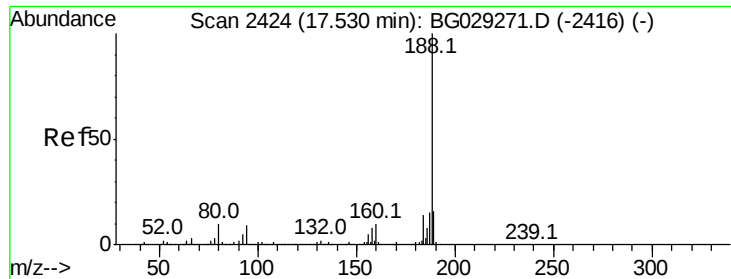
#44
 2-Fluorobiphenyl
 Concen: 95.266 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030569.D
 Acq: 29 Oct 2017 20:03

Tgt Ion:172 Resp: 1391856
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 26.0 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

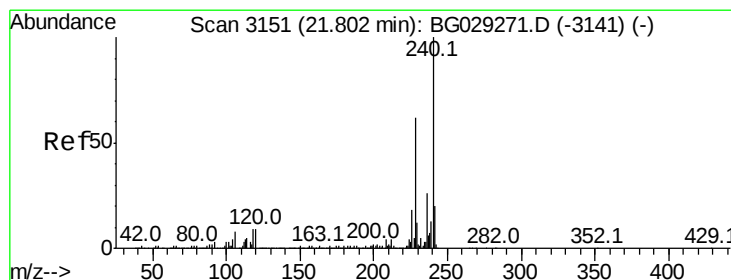
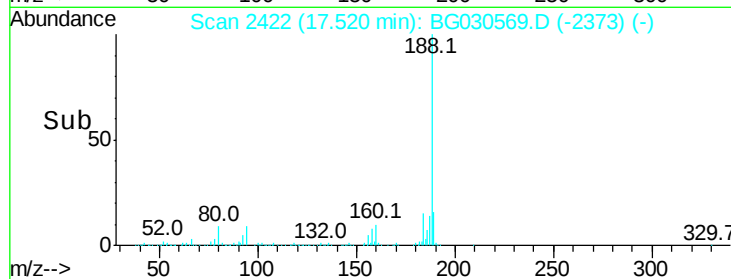
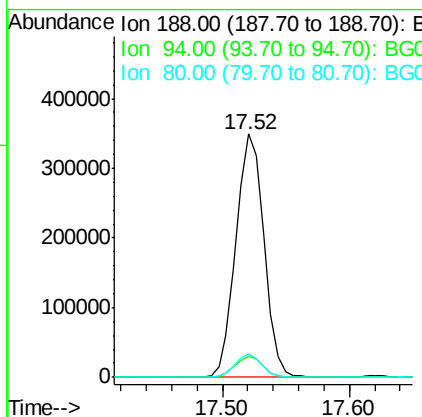
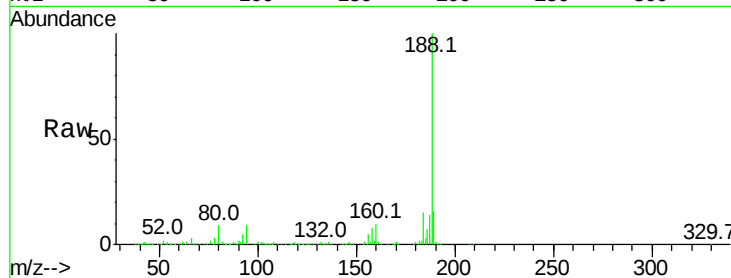




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

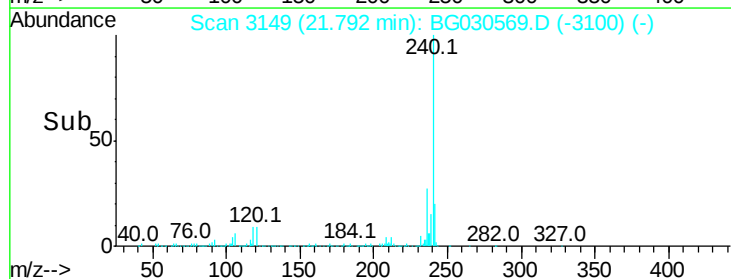
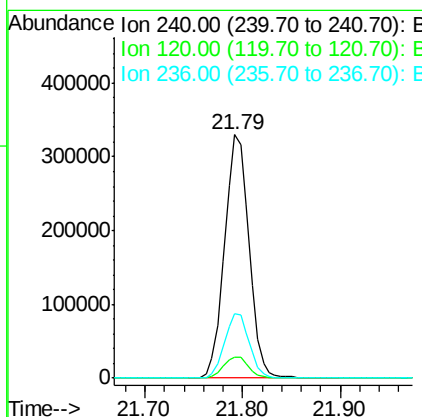
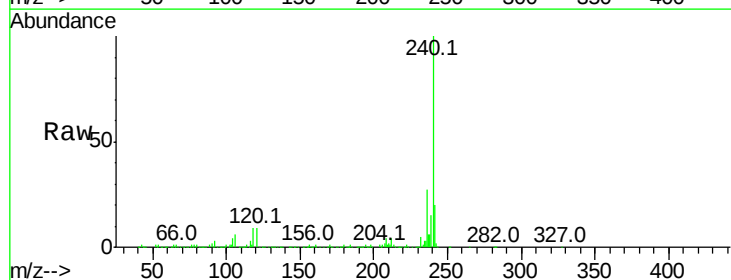
Instrument :
BNA_G
ClientSampleId :
ISLIP-WEST-COMP(0-3)

Tot Ion:188 Resp: 534196
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.5 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: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion:240 Resp: 574841
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 90.109 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

ISLIP-WEST-COMP(0-3)

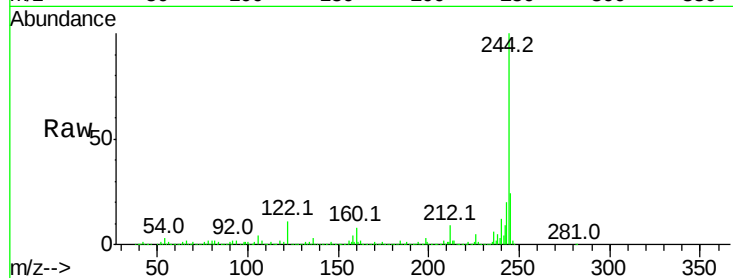
Tot Ion:244 Resp: 2276921

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

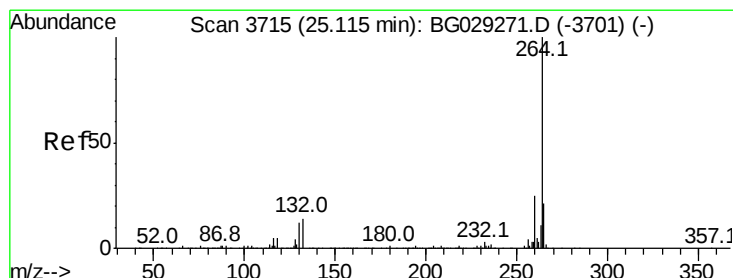
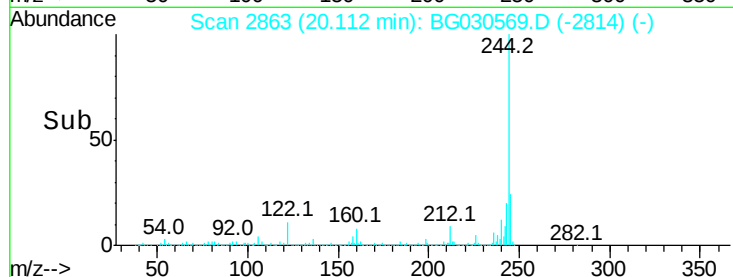
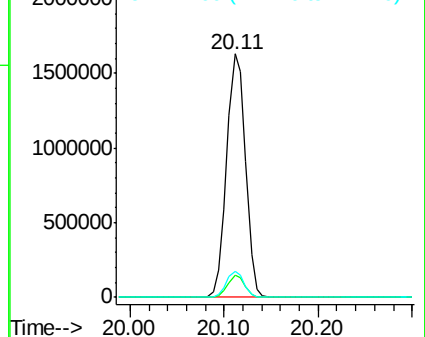
122 10.8 7.0 10.4#



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: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

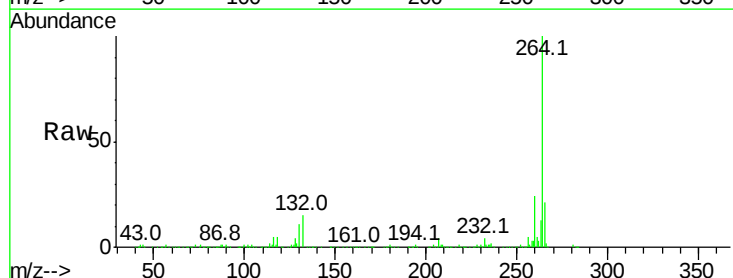
Tgt Ion:264 Resp: 563427

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.2 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

