

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029414.D
 Acq On : 24 Oct 2017 00:50
 Operator : SJ/JU
 Sample : I6064-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11935-COMP

Quant Time: Oct 24 07:01:48 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

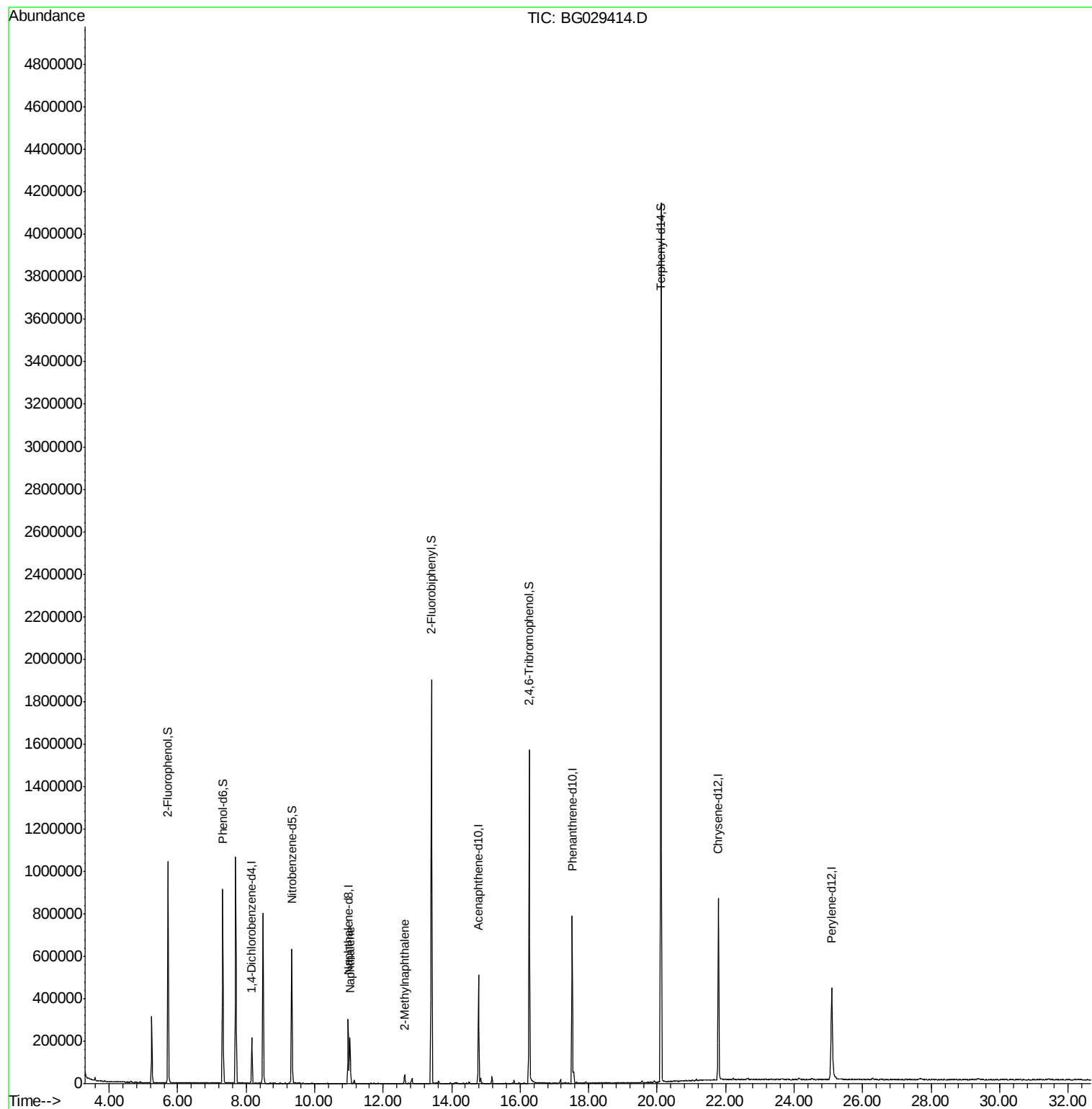
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61212	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	266797	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	178561	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	487479	20.00	ng	0.00
75) Chrysene-d12	21.79	240	556233	20.00	ng	-0.02
86) Perylene-d12	25.09	264	532392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	462030	126.09	ng	0.00
7) Phenol-d6	7.32	99	560181	108.92	ng	0.00
23) Nitrobenzene-d5	9.33	82	380392	90.60	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	318669	138.23	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1018778	83.68	ng	0.00
78) Terphenyl-d14	20.11	244	1916194	78.37	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	185323	13.938	ng	99
37) 2-Methylnaphthalene	12.63	142	20592	2.125	ng	95

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

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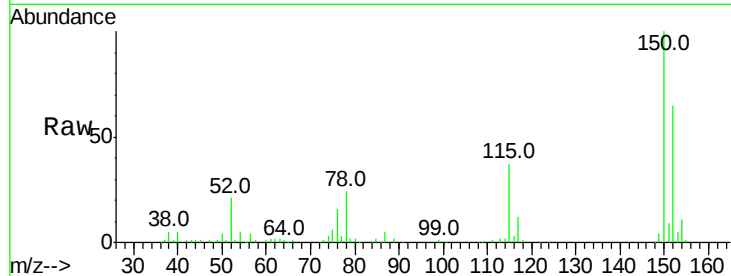


#1

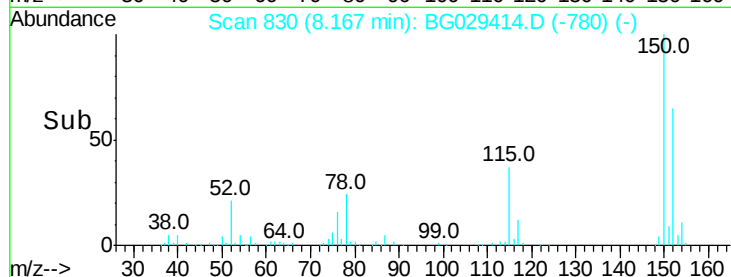
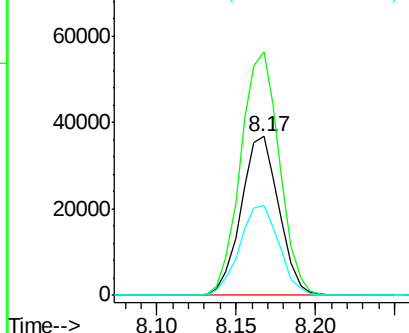
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Instrument :
BNA_G
ClientSampleId :
72-11935-COMP

Tot Ion:152 Resp: 61212
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 56.8 53.0 79.4



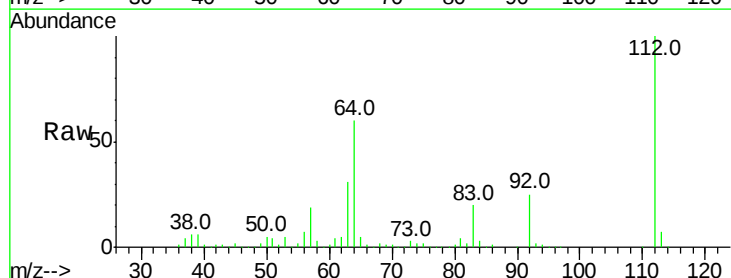
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



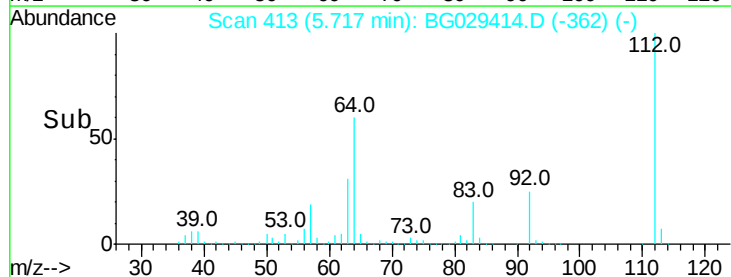
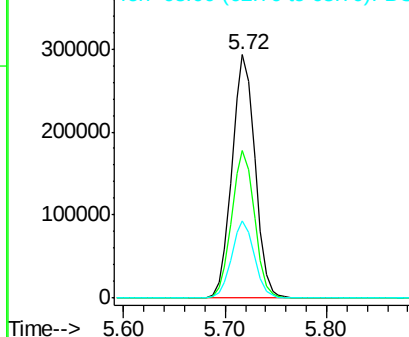
#5

2-Fluorophenol
Concen: 126.094 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Tgt Ion:112 Resp: 462030
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 31.5 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: 108.916 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

Instrument :

BNA_G

ClientSampleId :

72-11935-COMP

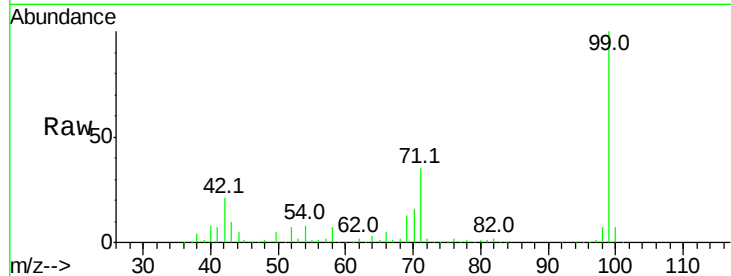
Tot Ion: 99 Resp: 560181

Ion Ratio Lower Upper

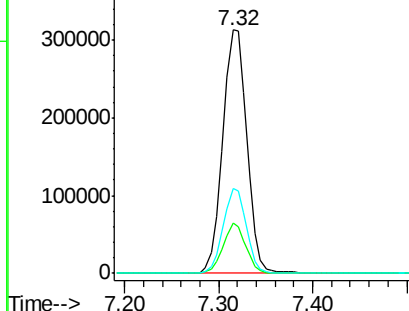
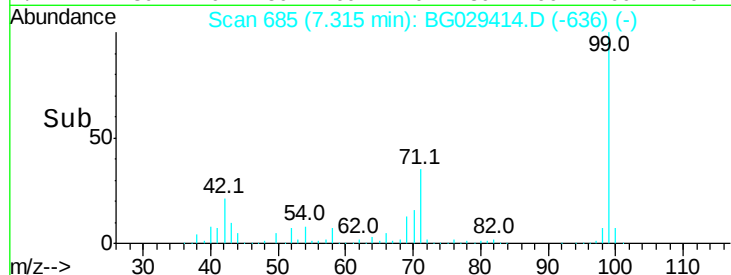
99 100

42 20.8 14.1 21.1

71 34.9 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: BG029414.D

Acq: 24 Oct 2017 00:50

Tgt Ion: 136 Resp: 266797

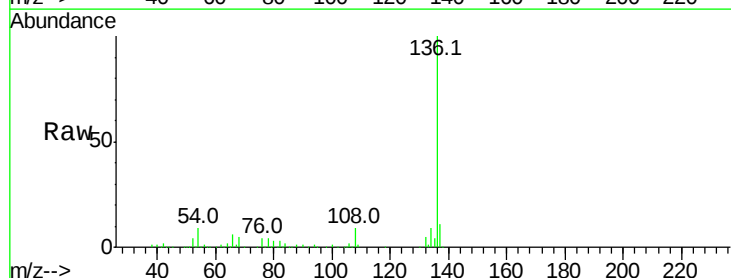
Ion Ratio Lower Upper

136 100

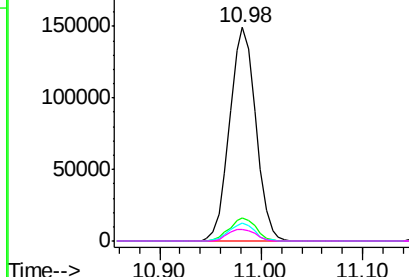
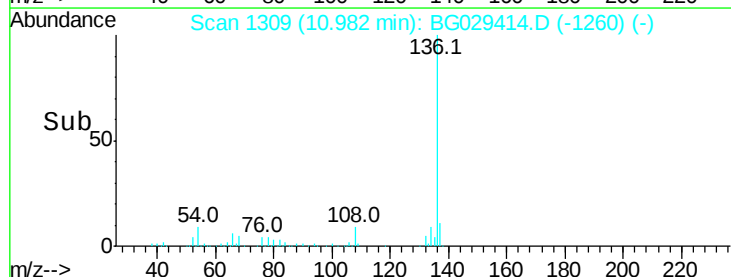
137 10.6 9.2 13.8

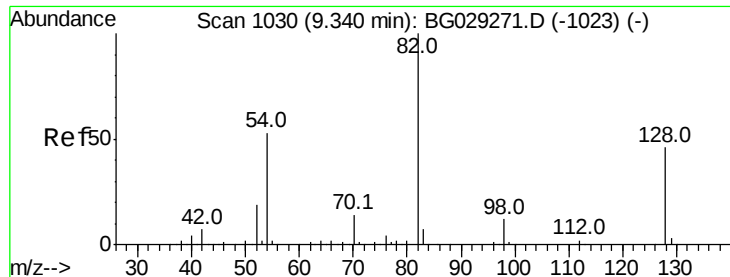
54 8.6 10.3 15.5#

68 5.4 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

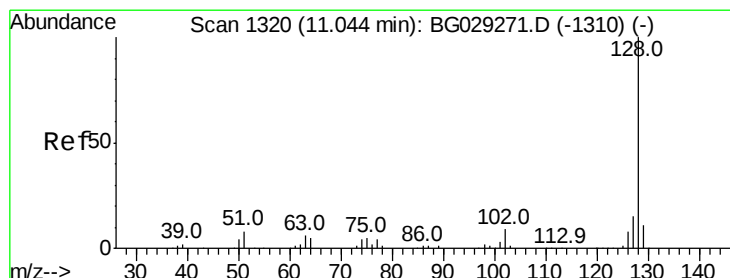
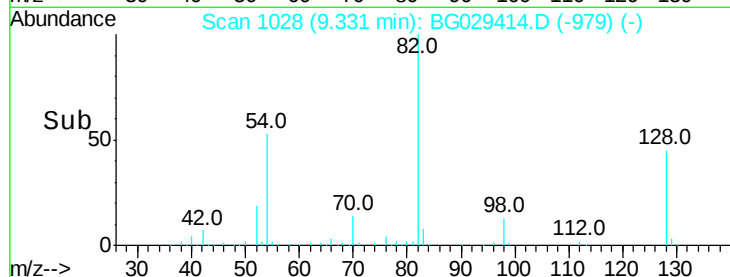
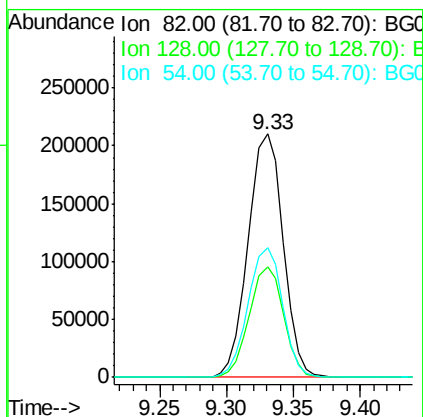
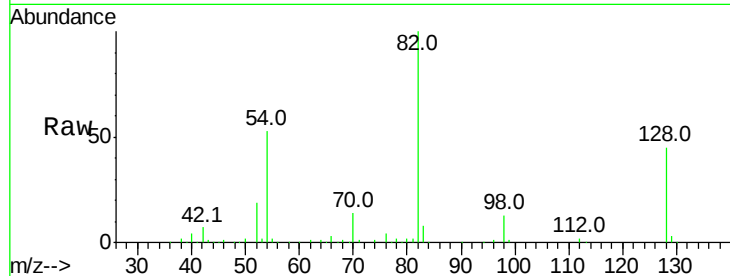




#23
Nitrobenzene-d5
Concen: 90.604 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

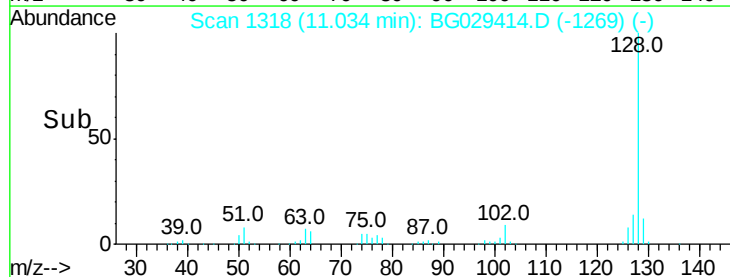
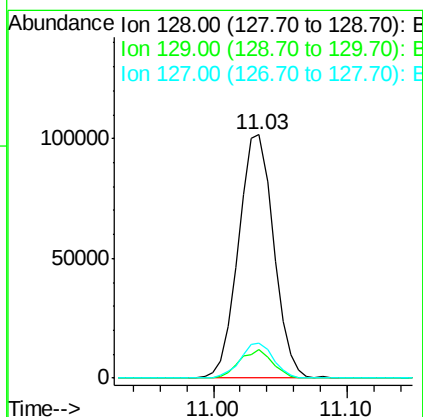
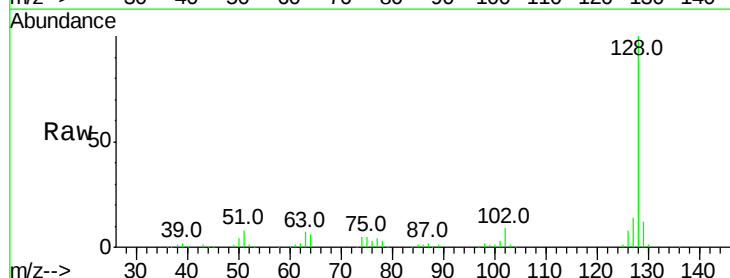
Instrument :
BNA_G
ClientSampleId :
72-11935-COMP

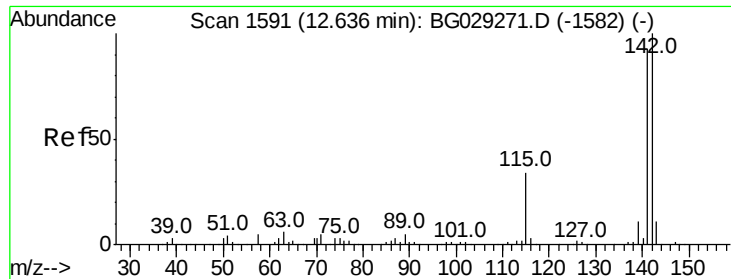
Tot Ion: 82 Resp: 380392
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 53.2 43.1 64.7



#31
Naphthalene
Concen: 13.938 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Tgt Ion: 128 Resp: 185323
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.2 11.6 17.4

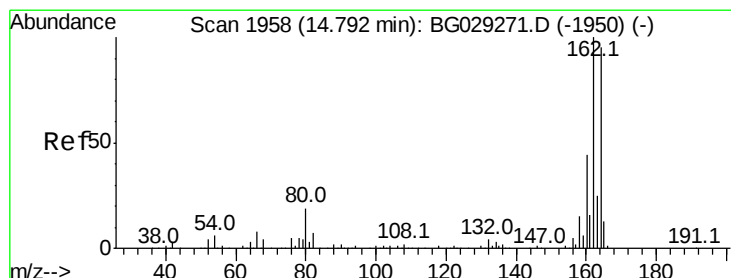
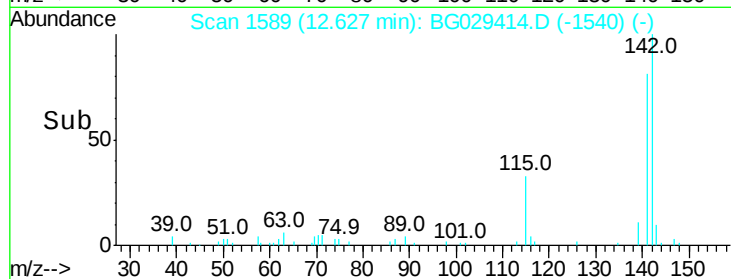
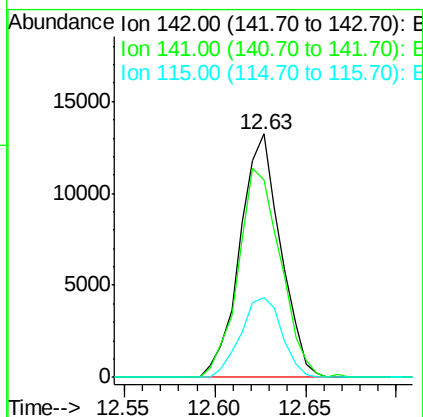
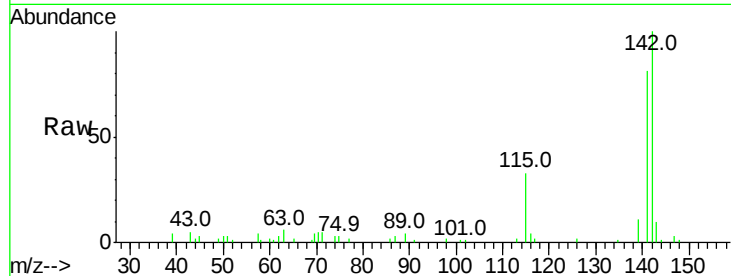




#37
 2-Methylnaphthalene
 Concen: 2.125 ng
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

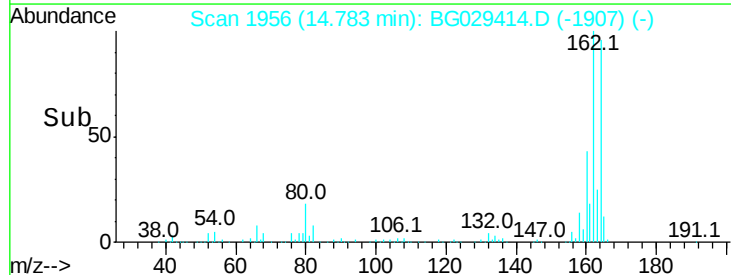
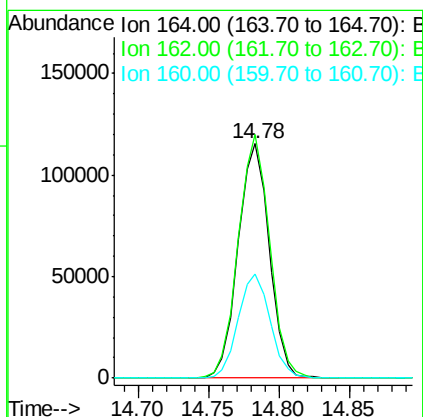
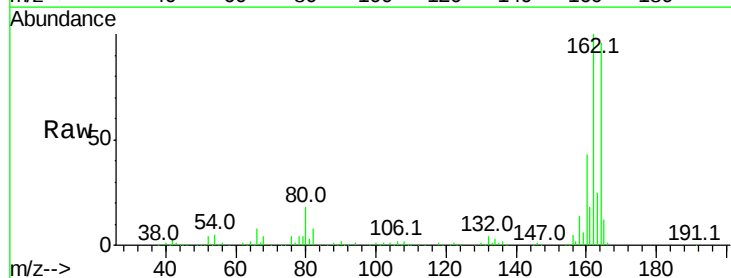
Instrument :
 BNA_G
 ClientSampleId :
 72-11935-COMP

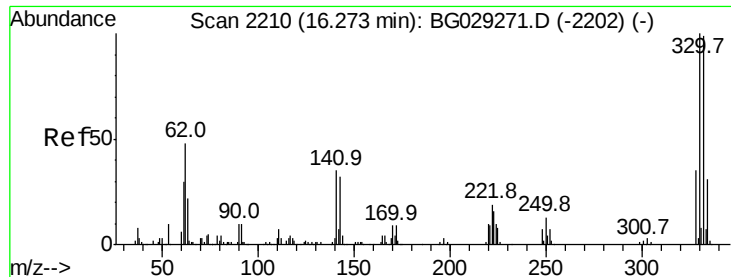
Tot Ion:142 Resp: 20592
 Ion Ratio Lower Upper
 142 100
 141 81.2 67.1 100.7
 115 32.6 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Tgt Ion:164 Resp: 178561
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 44.4 35.4 53.0

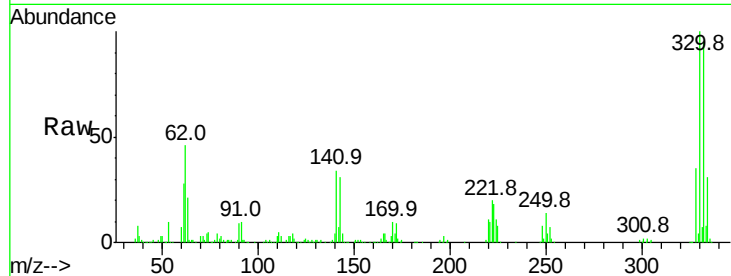




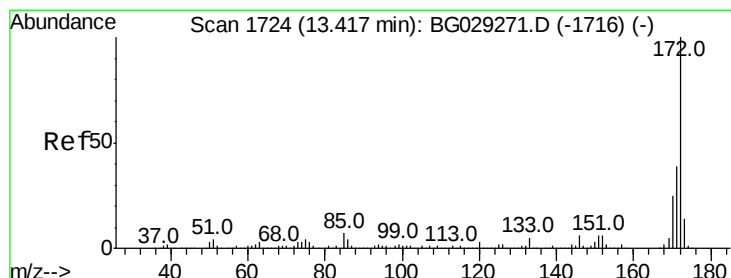
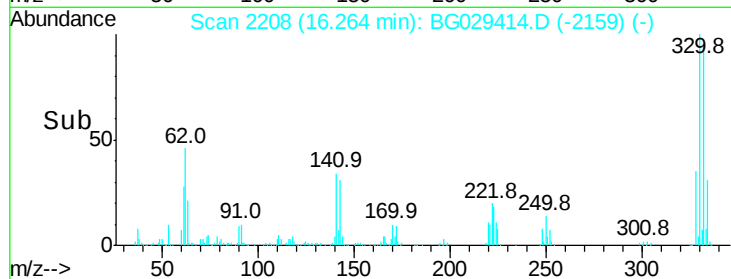
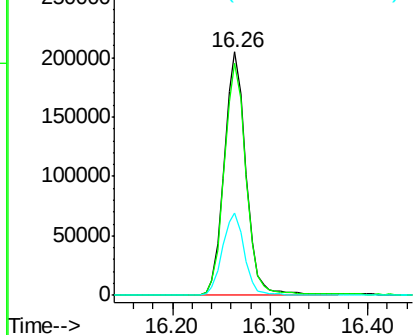
#41
 2,4,6-Tribromophenol
 Concen: 138.227 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Instrument :
 BNA_G
 ClientSampleId :
 72-11935-COMP

Tot Ion:330 Resp: 318669
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.4 25.2 37.8

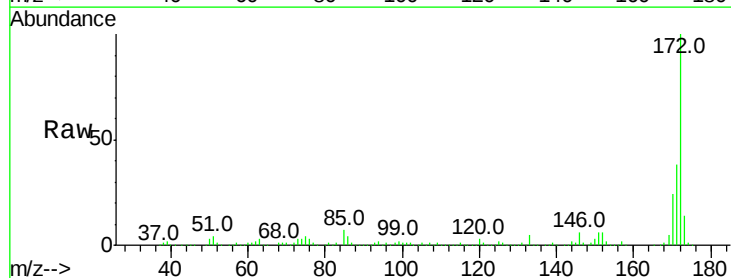


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

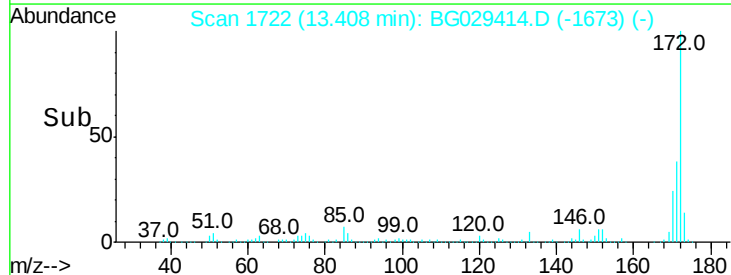
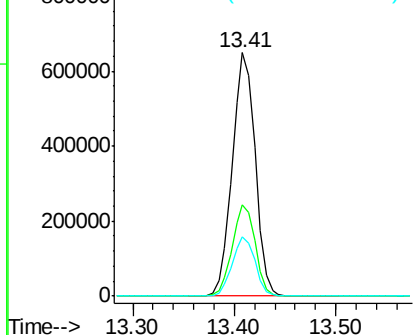


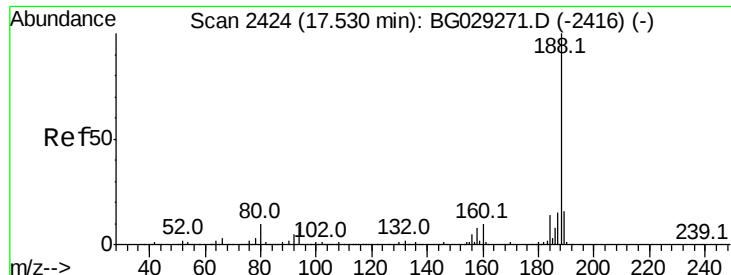
#44
 2-Fluorobiphenyl
 Concen: 83.680 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Tgt Ion:172 Resp: 1018778
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.4 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

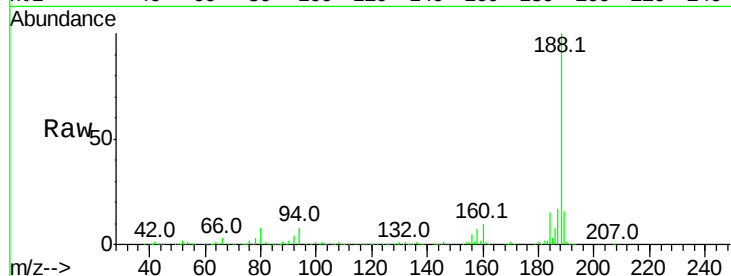




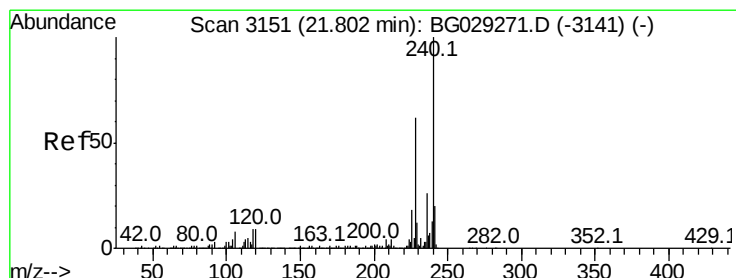
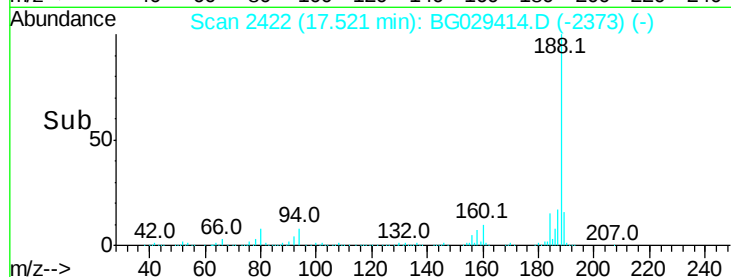
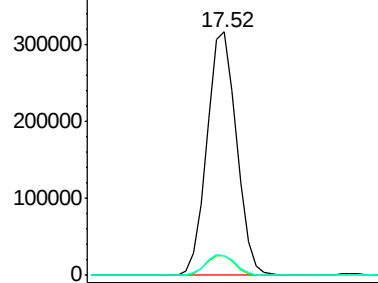
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Instrument :
BNA_G
ClientSampleId :
72-11935-COMP

Tot Ion:188 Resp: 487479
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.1 7.7 11.5

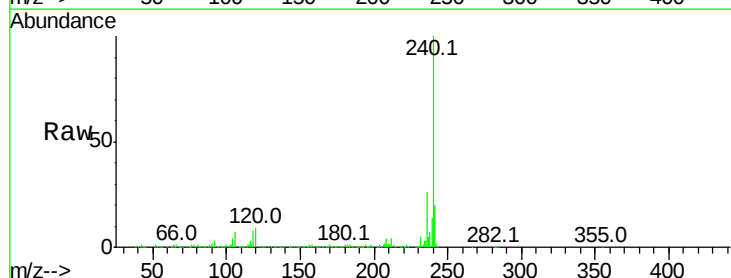


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

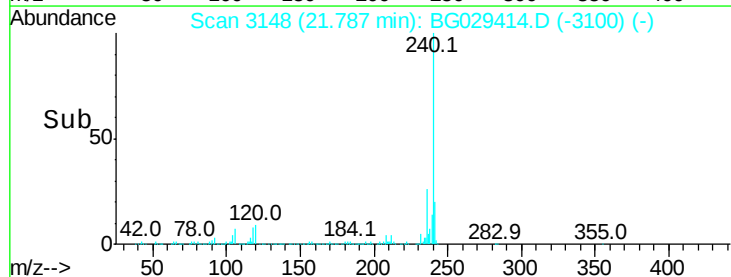
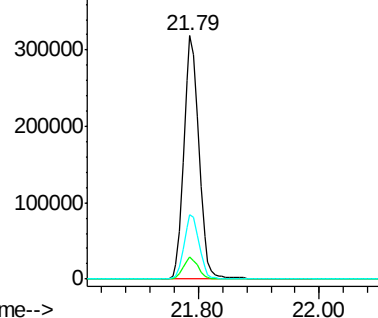


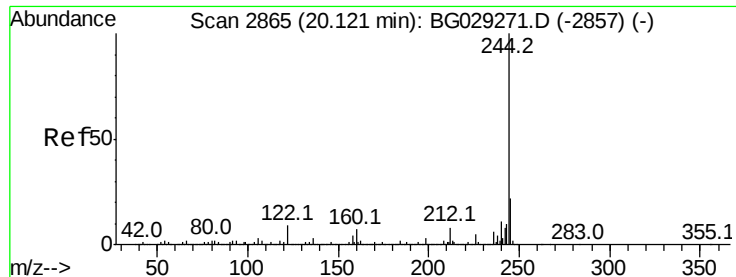
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Tgt Ion:240 Resp: 556233
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.3 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

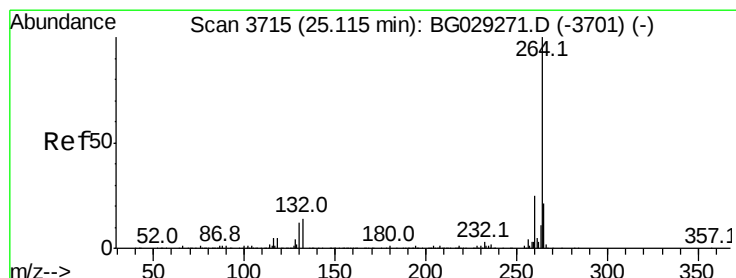
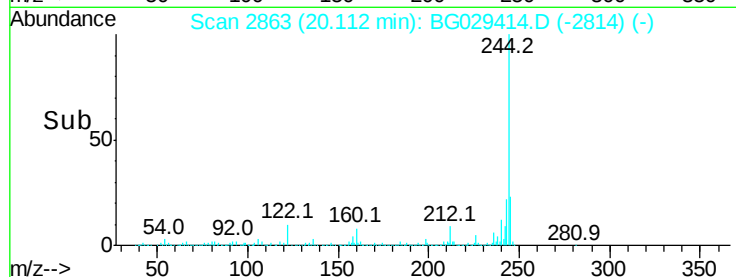
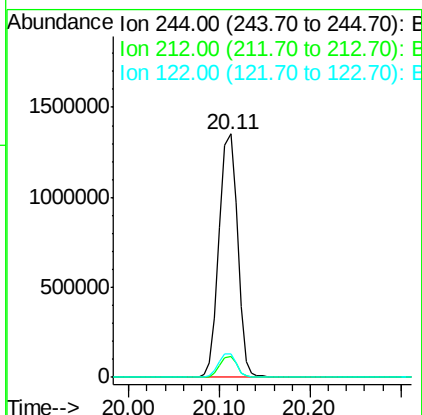
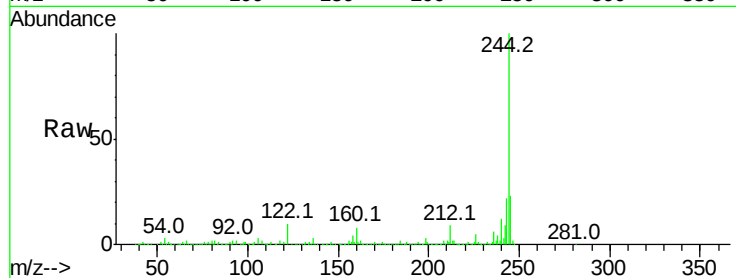




#78
 Terphenyl-d14
 Concen: 78.370 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Instrument :
 BNA_G
 ClientSampleId :
 72-11935-COMP

Tot Ion:244 Resp: 1916194
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 9.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Tgt Ion:264 Resp: 532392
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.5 17.7 26.5

