

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029384.D
 Acq On : 20 Oct 2017 22:46
 Operator : SJ/JU
 Sample : I5988-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR251373-78

Quant Time: Oct 21 22:57:10 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	54049	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	236624	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	159594	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	442764	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	508424	20.00	ng	-0.01
86) Perylene-d12	25.09	264	513261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	446415	137.98	ng	0.00
7) Phenol-d6	7.32	99	539296	118.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	374201	100.49	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	358999	174.23	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	981546	90.20	ng	-0.01
78) Terphenyl-d14	20.11	244	1974135	88.33	ng	-0.01

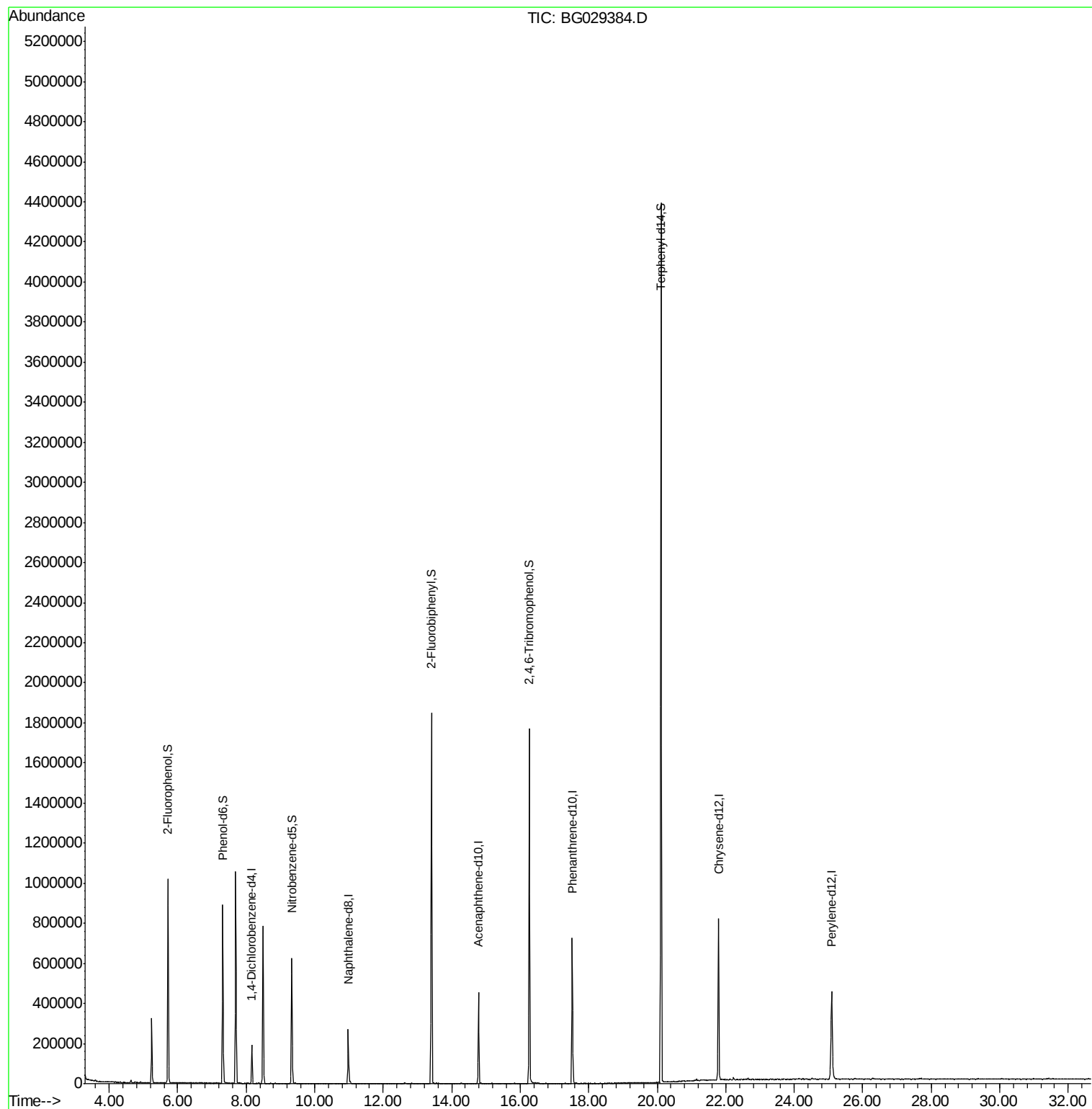
Target Compounds Qvalue

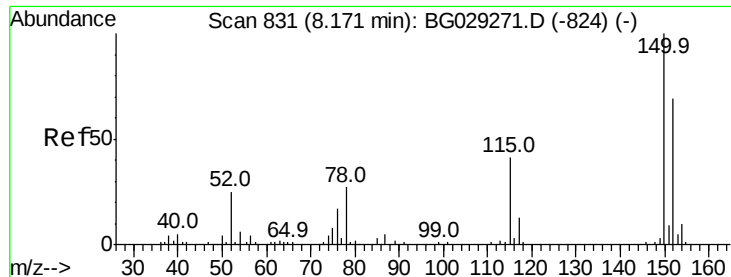
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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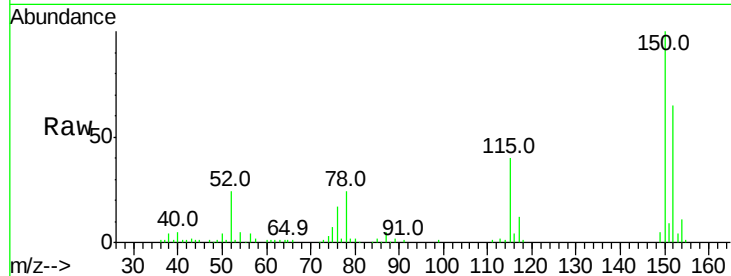


#1

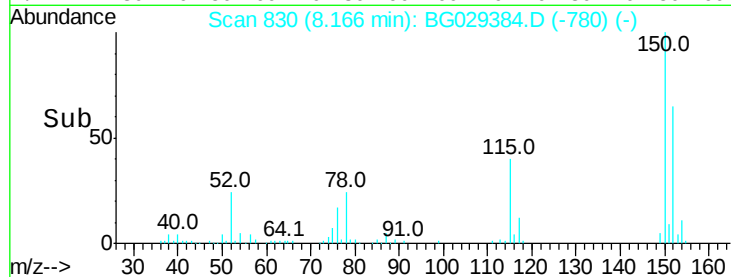
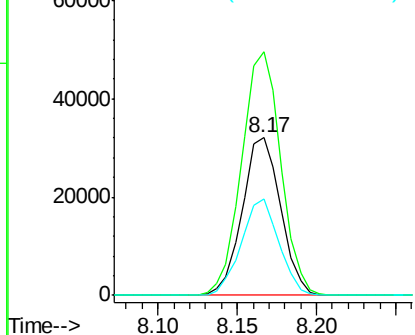
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029384.D
Acq: 20 Oct 2017 22:46

Instrument :
BNA_G
ClientSampleId :
RBR251373-78

Tot Ion:152 Resp: 54049
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 61.2 53.0 79.4



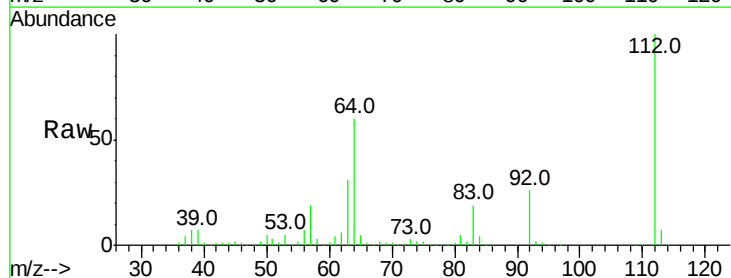
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



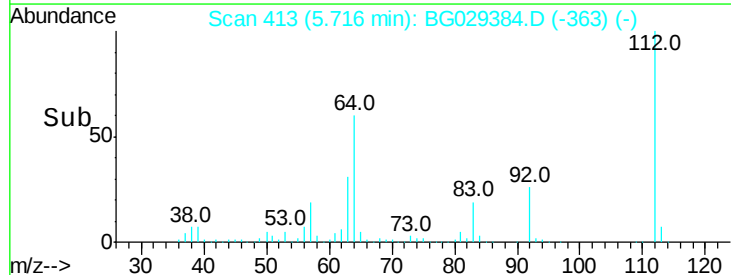
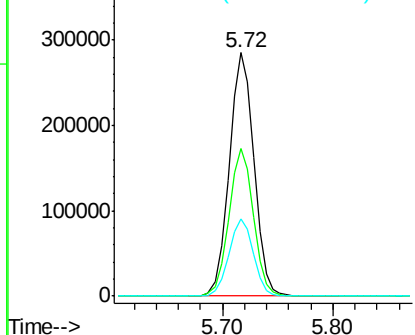
#5

2-Fluorophenol
Concen: 137.978 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029384.D
Acq: 20 Oct 2017 22:46

Tgt Ion:112 Resp: 446415
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: 118.751 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029384.D

Acq: 20 Oct 2017 22:46

Instrument :

BNA_G

ClientSampleId :

RBR251373-78

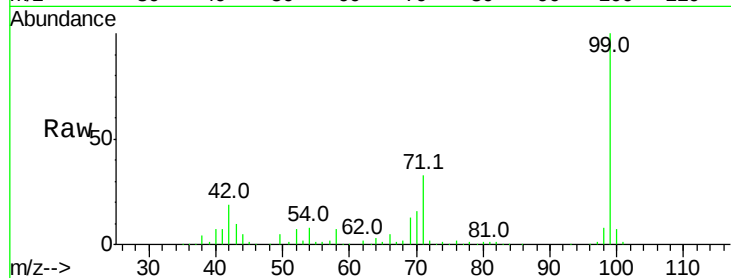
Tot Ion: 99 Resp: 539296

Ion Ratio Lower Upper

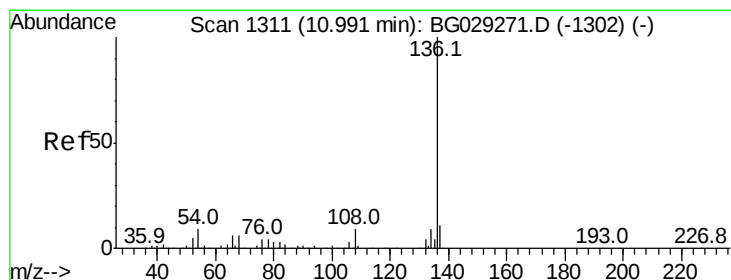
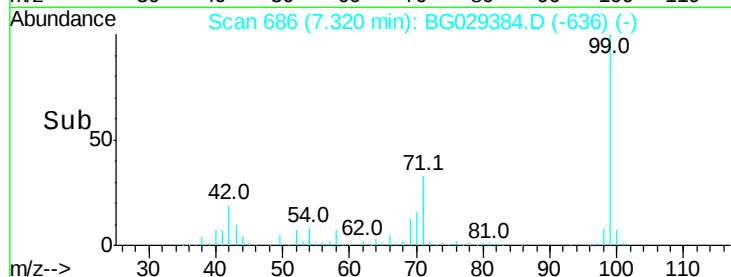
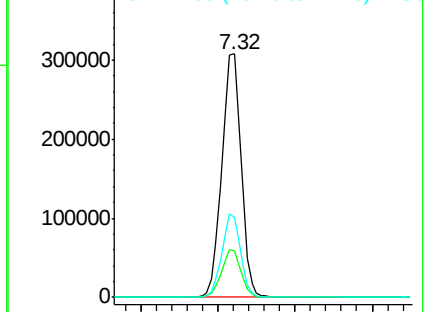
99 100

42 19.1 14.1 21.1

71 32.7 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: BG029384.D

Acq: 20 Oct 2017 22:46

Tgt Ion: 136 Resp: 236624

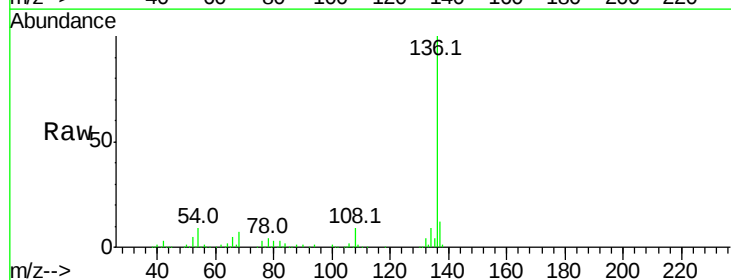
Ion Ratio Lower Upper

136 100

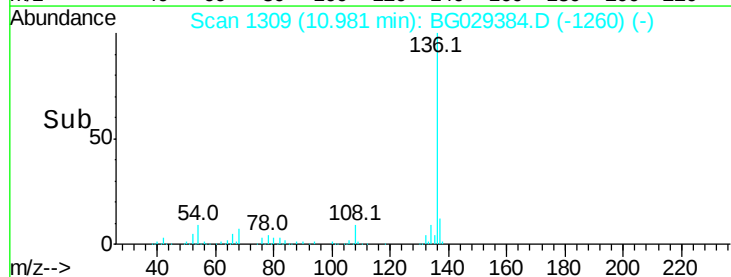
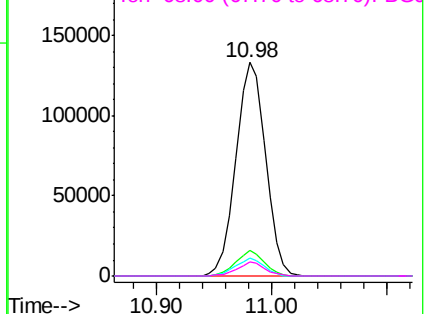
137 11.7 9.2 13.8

54 8.6 10.3 15.5#

68 6.9 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

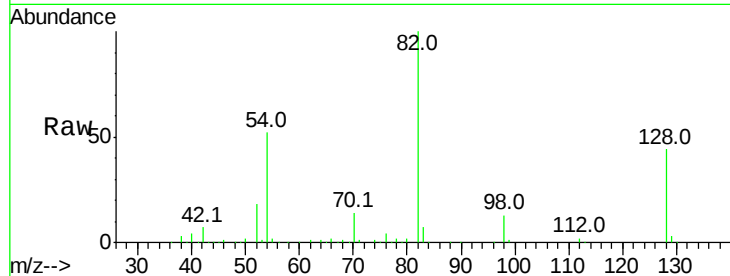




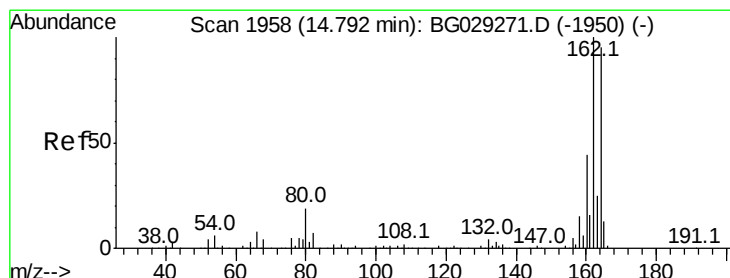
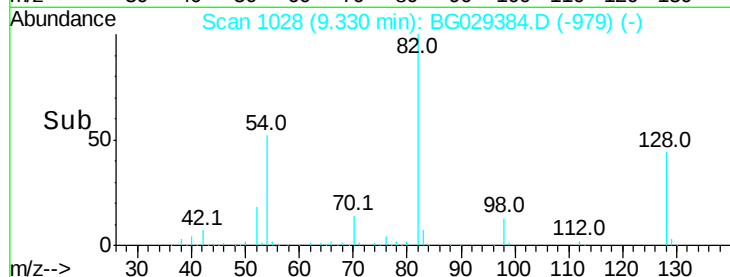
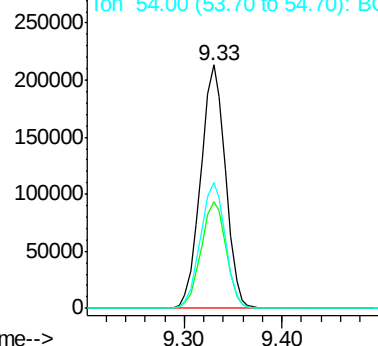
#23
Nitrobenzene-d5
Concen: 100.495 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029384.D
Acq: 20 Oct 2017 22:46

Instrument :
BNA_G
ClientSampleId :
RBR251373-78

Tot Ion: 82 Resp: 374201
Ion Ratio Lower Upper
82 100
128 44.1 29.7 44.5
54 51.9 43.1 64.7

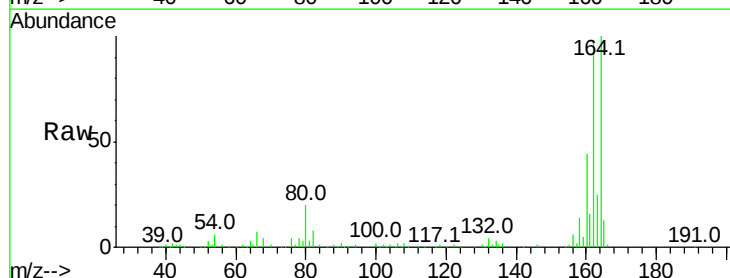


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

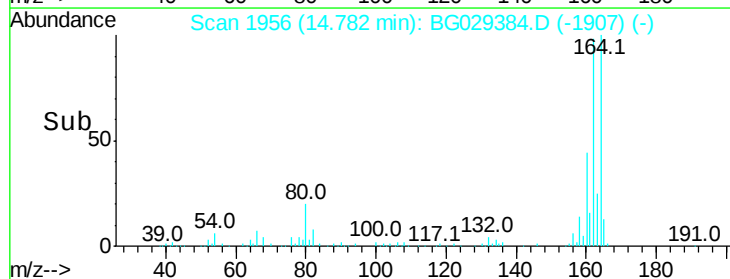
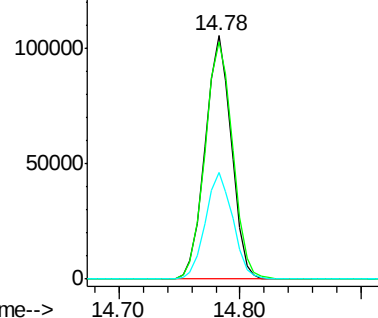


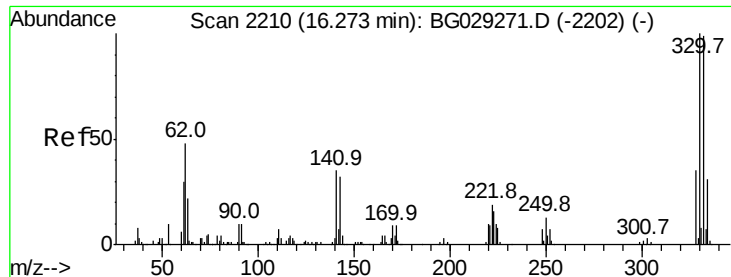
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029384.D
Acq: 20 Oct 2017 22:46

Tgt Ion:164 Resp: 159594
Ion Ratio Lower Upper
164 100
162 97.6 78.8 118.2
160 43.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

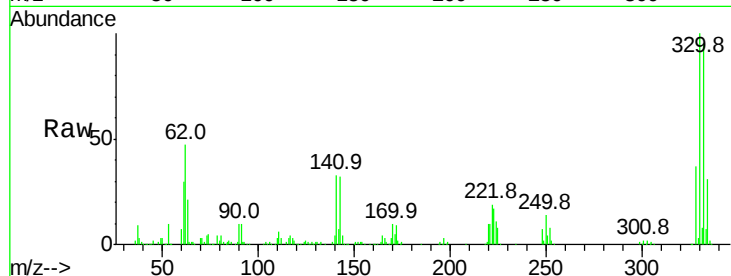




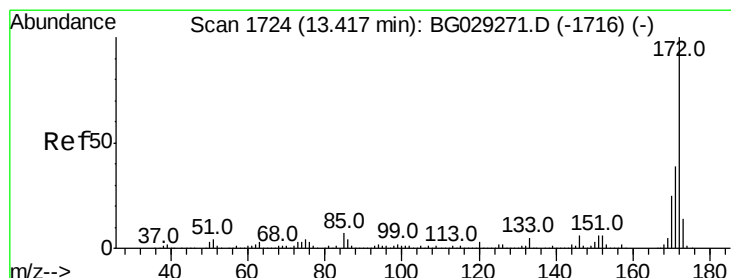
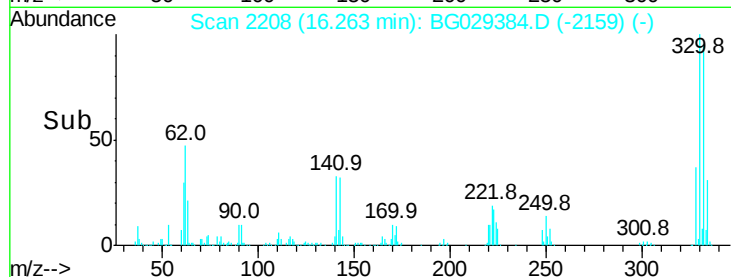
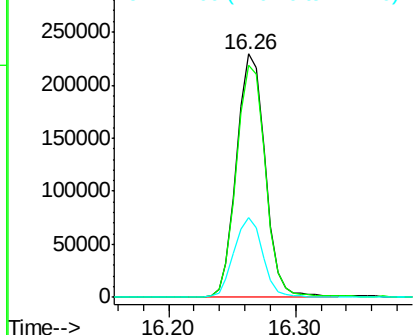
#41
 2,4,6-Tribromophenol
 Concen: 174.227 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029384.D
 Acq: 20 Oct 2017 22:46

Instrument :
 BNA_G
 ClientSampleId :
 RBR251373-78

Tot Ion:330 Resp: 358999
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.1 25.2 37.8

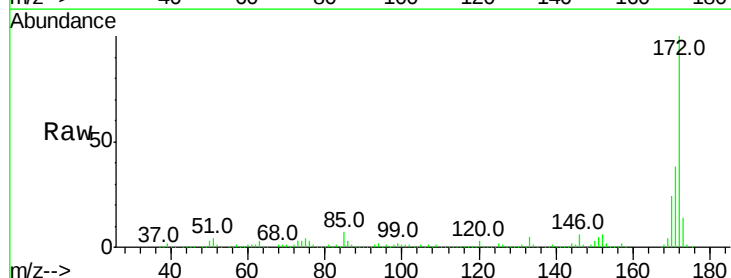


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

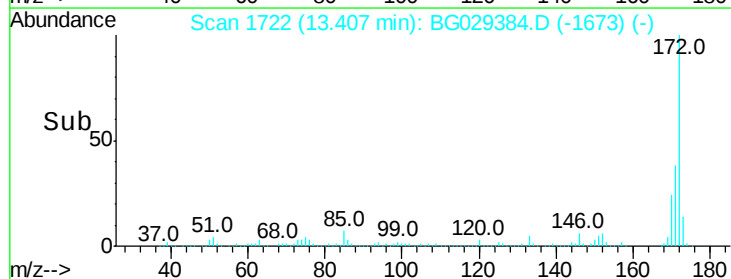
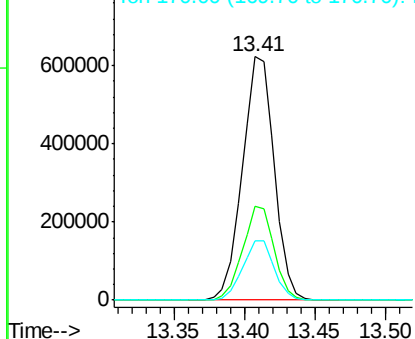


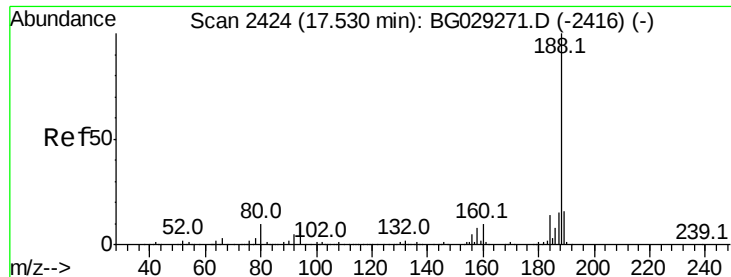
#44
 2-Fluorobiphenyl
 Concen: 90.203 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029384.D
 Acq: 20 Oct 2017 22:46

Tgt Ion:172 Resp: 981546
 Ion Ratio Lower Upper
 172 100
 171 38.5 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

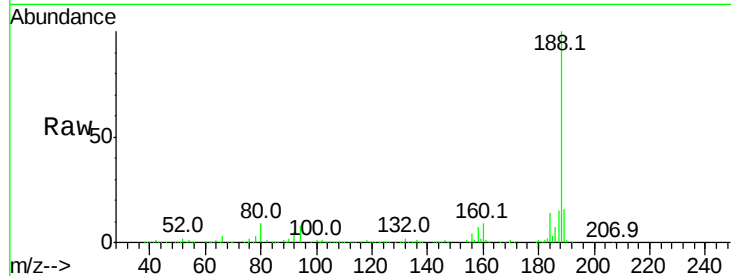




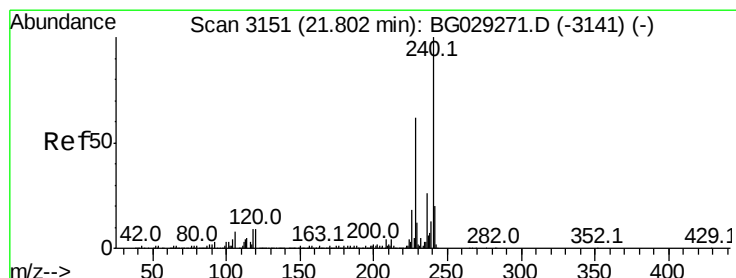
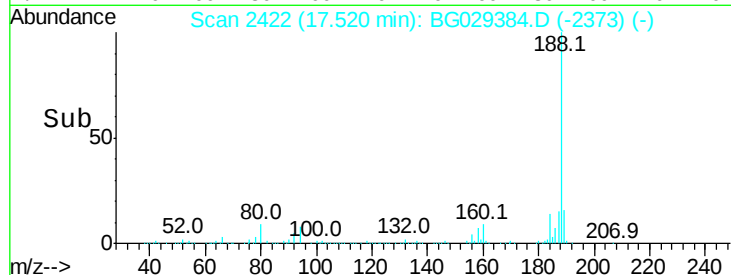
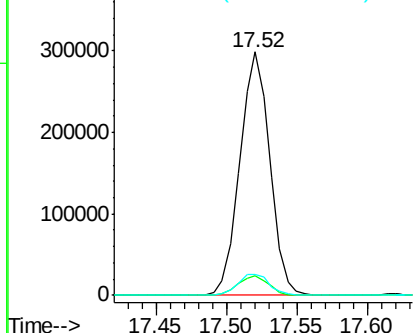
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029384.D
Acq: 20 Oct 2017 22:46

Instrument :
BNA_G
ClientSampleId :
RBR251373-78

Tot Ion:188 Resp: 442764
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.5 7.7 11.5

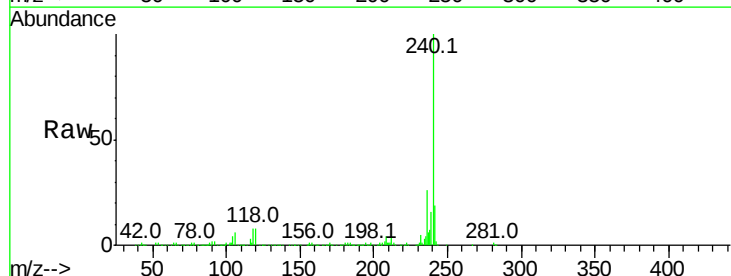


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

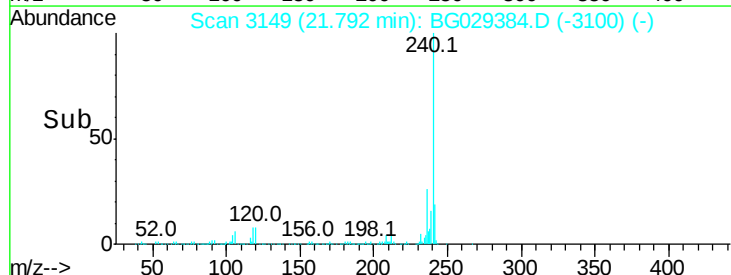
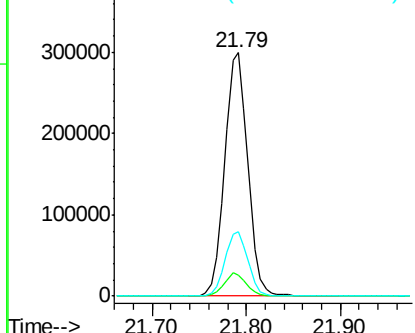


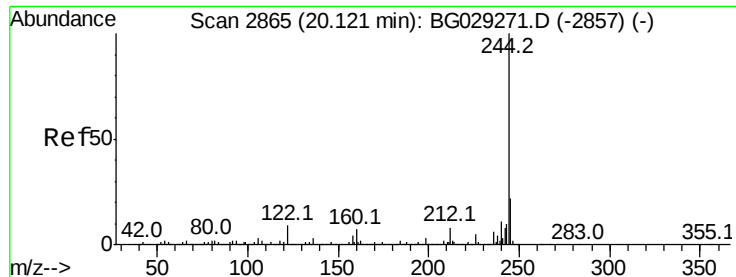
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029384.D
Acq: 20 Oct 2017 22:46

Tgt Ion:240 Resp: 508424
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 26.4 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: 88.332 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029384.D

Acq: 20 Oct 2017 22:46

Instrument :

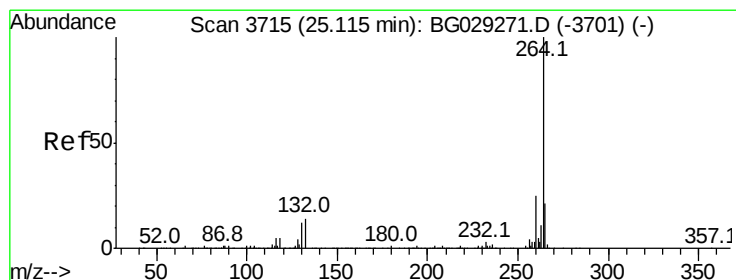
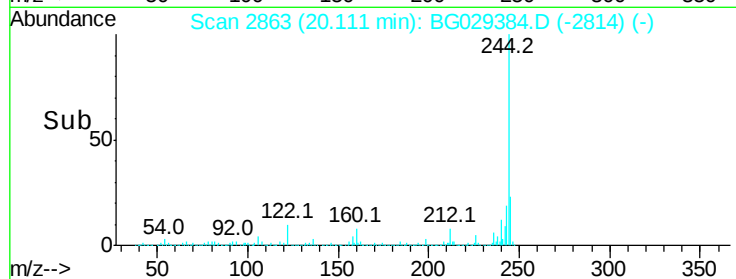
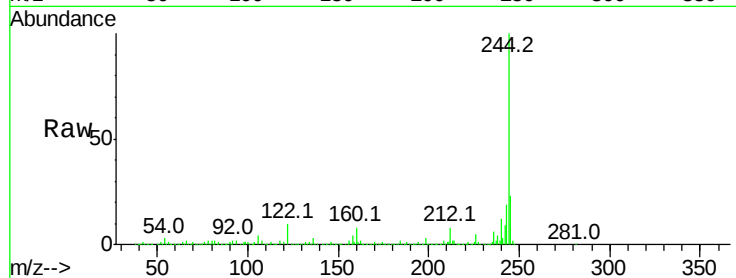
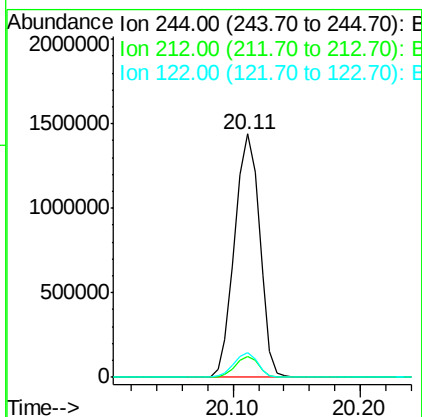
BNA_G

ClientSampleId :

RBR251373-78

Tot Ion:244 Resp: 1974135

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.9	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: BG029384.D

Acq: 20 Oct 2017 22:46

Tgt Ion:264 Resp: 513261

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.0	17.7	26.5

