

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029403.D
 Acq On : 23 Oct 2017 17:33
 Operator : SJ/JU
 Sample : PB103551BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BL

Quant Time: Oct 24 05:51:47 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	8.16	152	53677	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	235060	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	158833	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	438993	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	505605	20.00	ng	-0.01
86) Perylene-d12	25.09	264	499360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	354432	110.31	ng	0.00
7) Phenol-d6	7.32	99	464460	102.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	259222	70.08	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	251760	122.77	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	738087	68.15	ng	-0.01
78) Terphenyl-d14	20.11	244	1434969	64.57	ng	-0.01

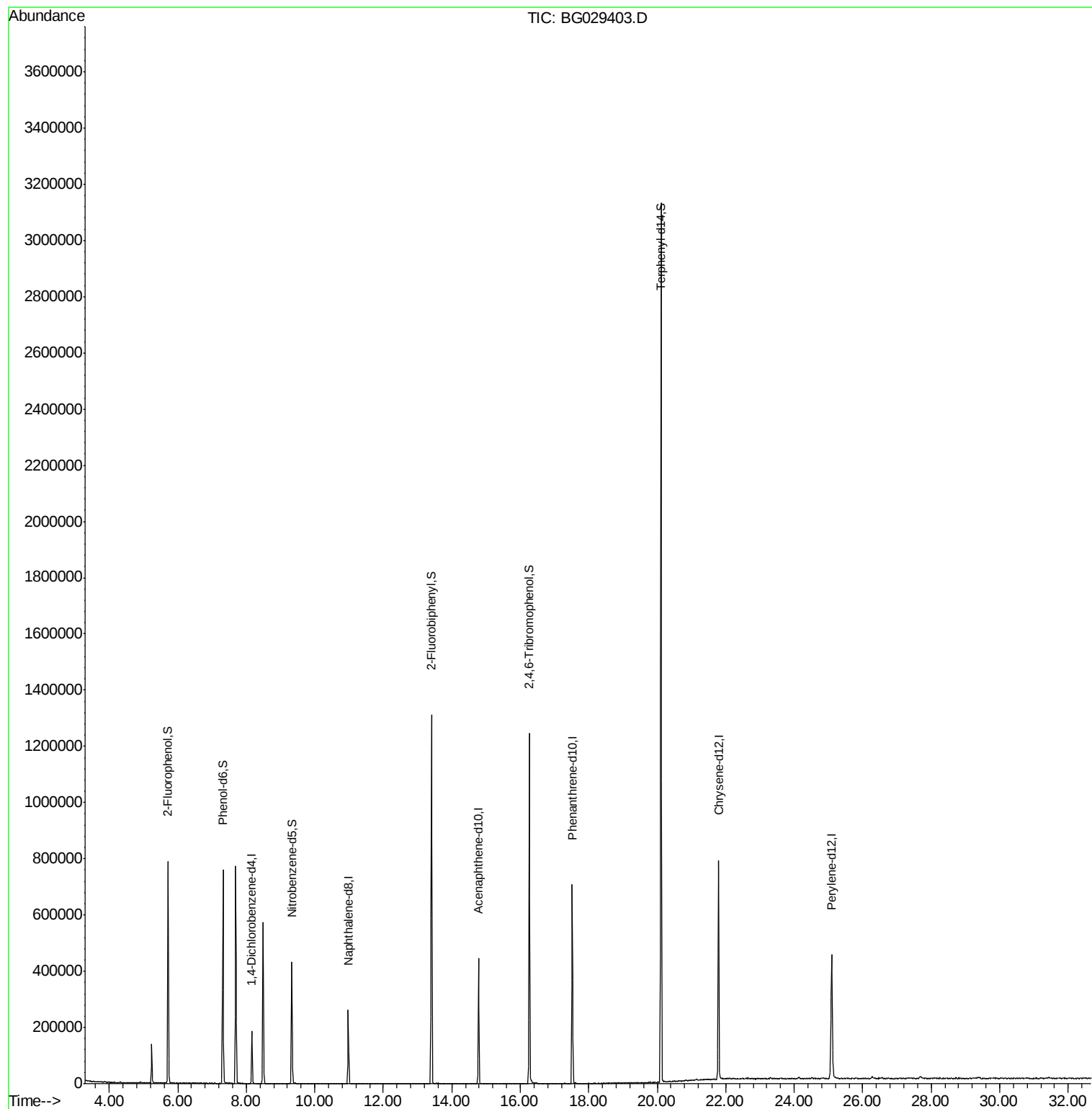
Target Compounds Qvalue

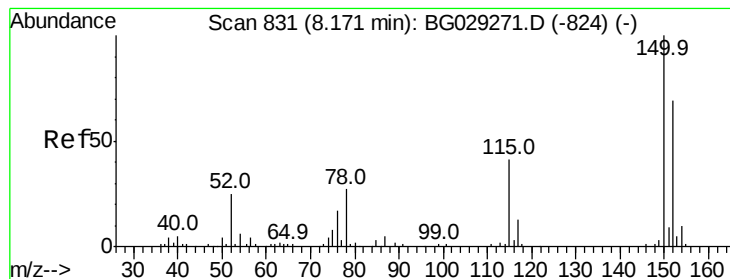
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029403.D

Acq: 23 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

PB103551BL

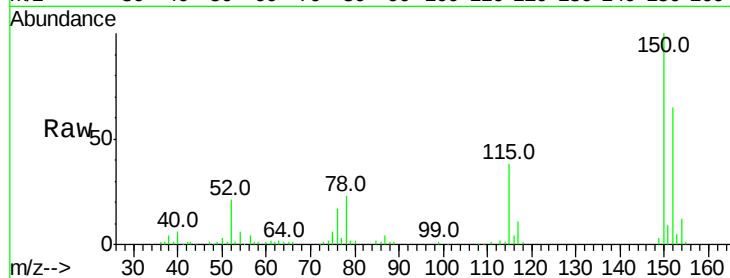
Tot Ion:152 Resp: 53677

Ion Ratio Lower Upper

152 100

150 153.7 126.6 189.8

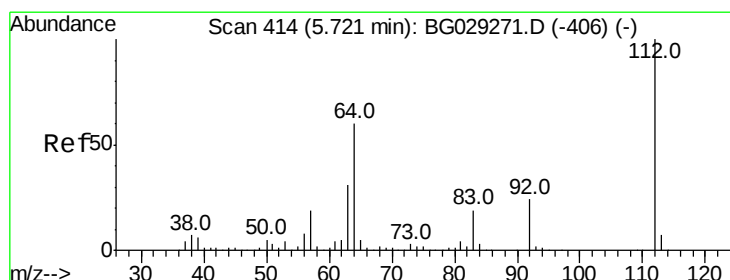
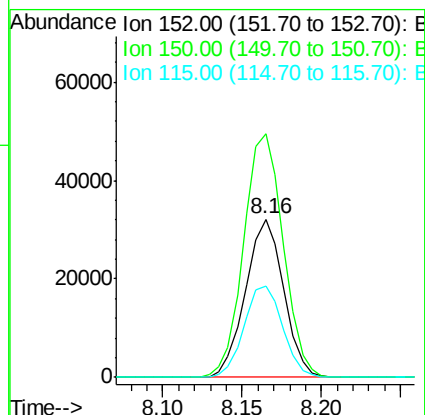
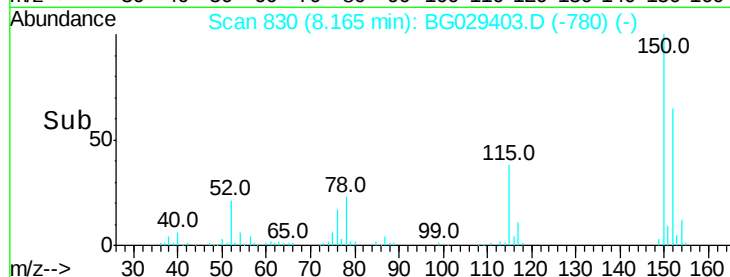
115 57.8 53.0 79.4



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: 110.307 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029403.D

Acq: 23 Oct 2017 17:33

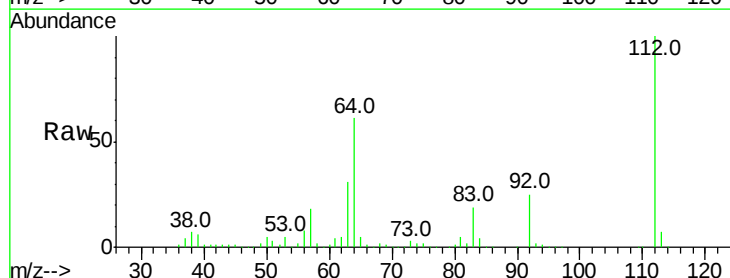
Tgt Ion:112 Resp: 354432

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

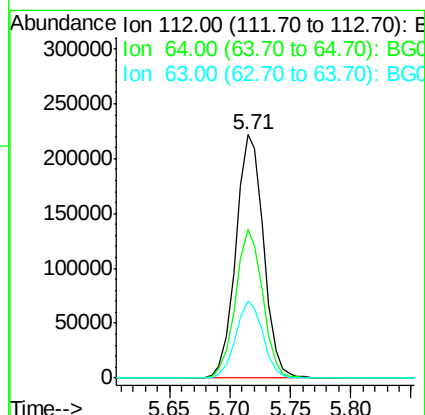
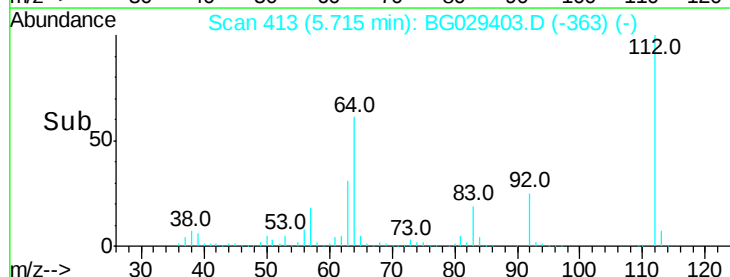
63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.982 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029403.D

Acq: 23 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

PB103551BL

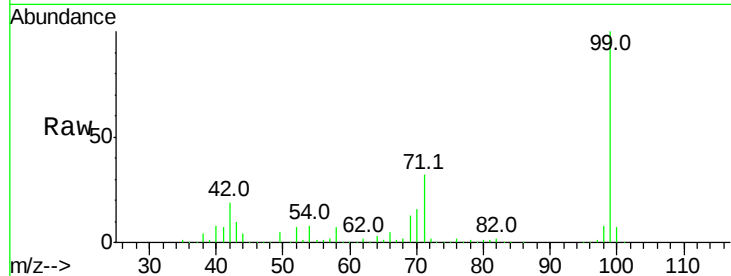
Tot Ion: 99 Resp: 464460

Ion Ratio Lower Upper

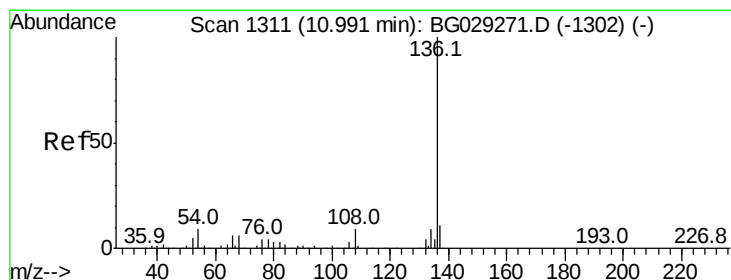
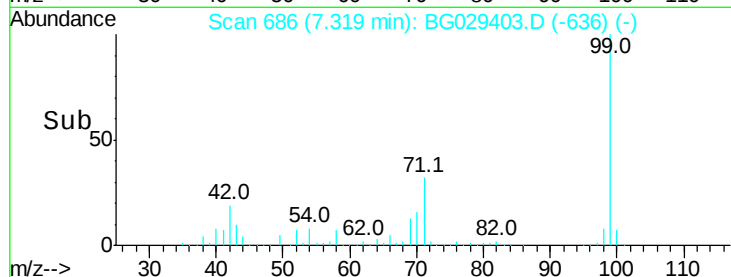
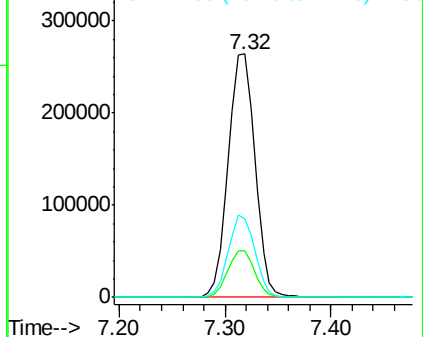
99 100

42 18.9 14.1 21.1

71 32.4 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: BG029403.D

Acq: 23 Oct 2017 17:33

Tgt Ion: 136 Resp: 235060

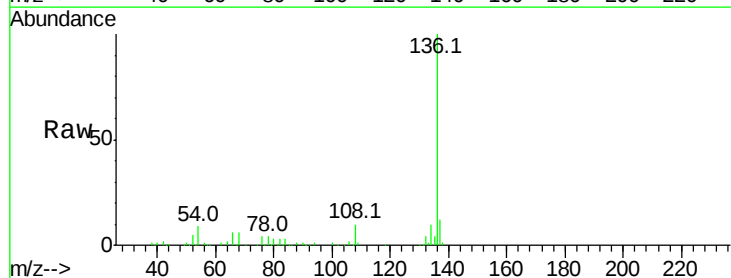
Ion Ratio Lower Upper

136 100

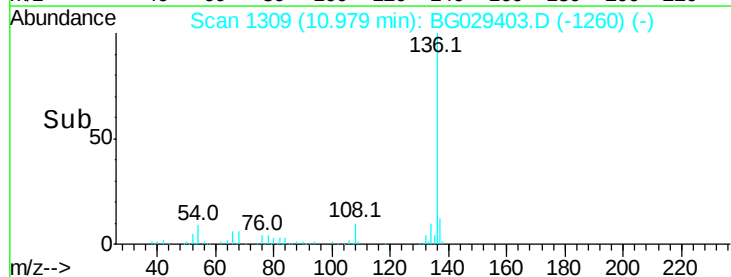
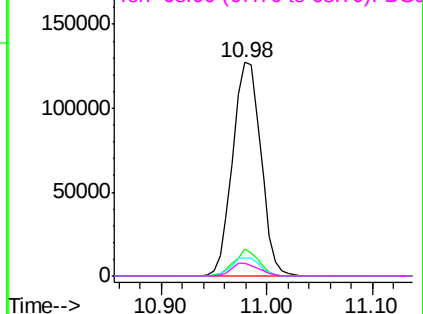
137 12.4 9.2 13.8

54 8.5 10.3 15.5#

68 5.8 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

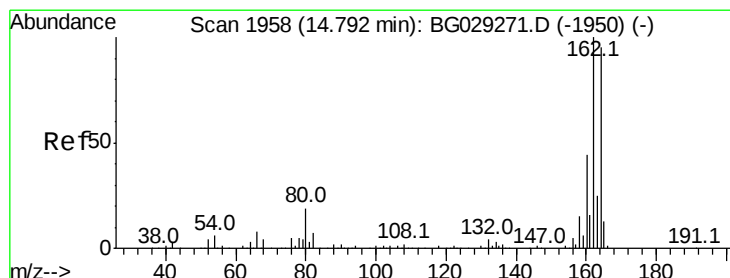
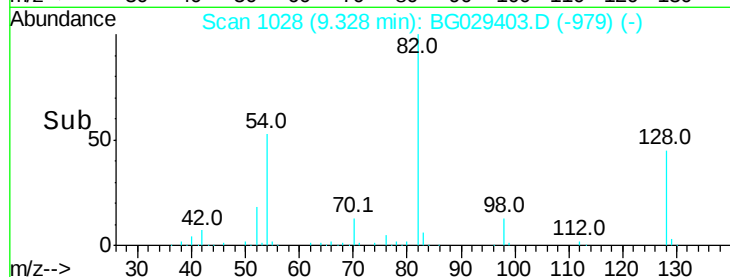
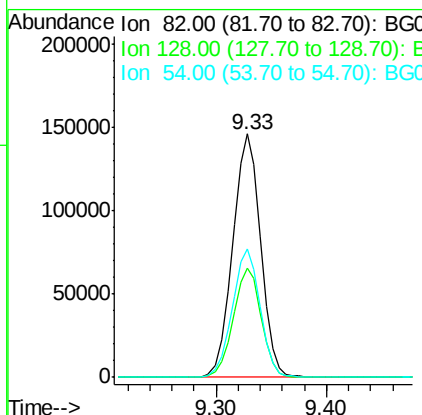
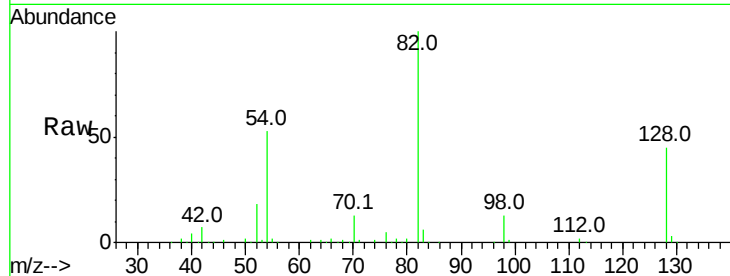




#23
Nitrobenzene-d5
Concen: 70.079 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029403.D
Acq: 23 Oct 2017 17:33

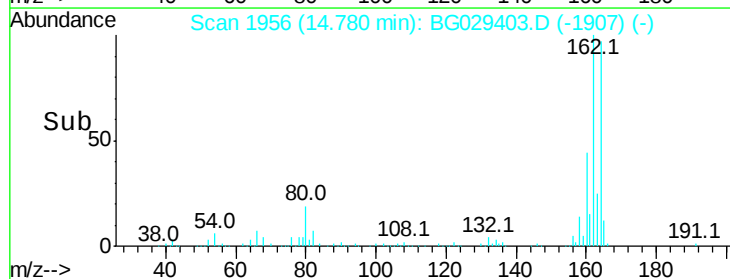
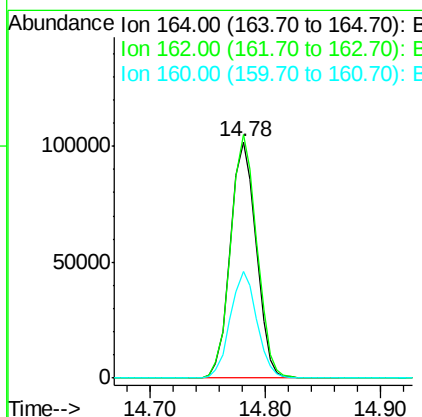
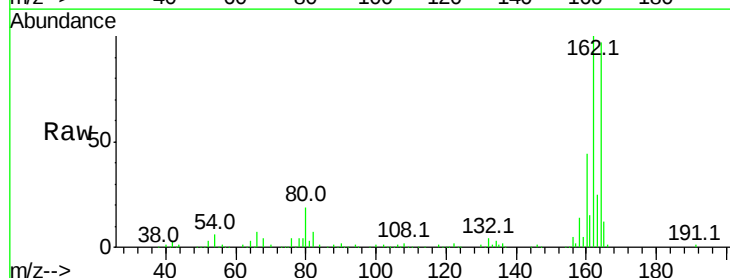
Instrument :
BNA_G
ClientSampleId :
PB103551BL

Tot Ion: 82 Resp: 259222
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 53.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029403.D
Acq: 23 Oct 2017 17:33

Tgt Ion:164 Resp: 158833
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 44.9 35.4 53.0

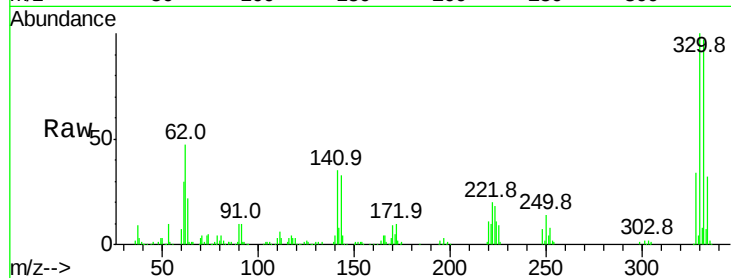




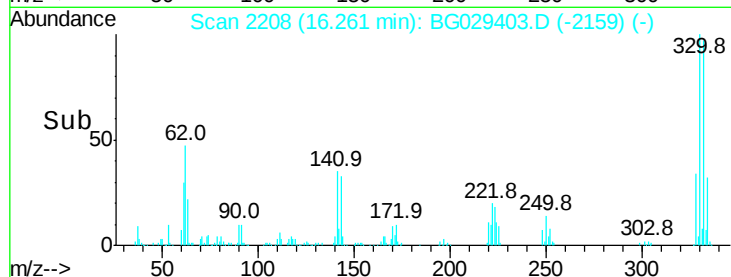
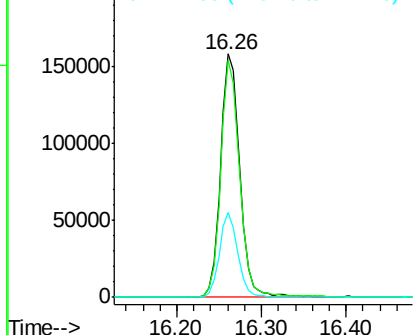
#41
 2,4,6-Tribromophenol
 Concen: 122.768 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029403.D
 Acq: 23 Oct 2017 17:33

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BL

Tot Ion:330 Resp: 251760
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.1 25.2 37.8

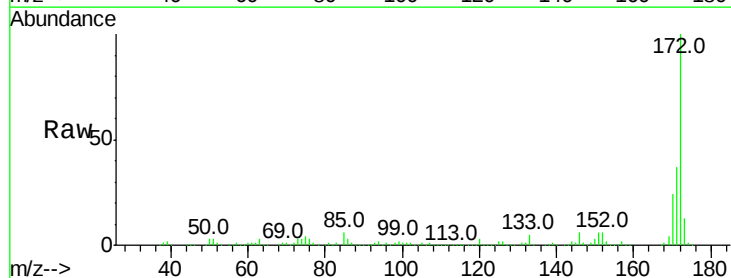


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

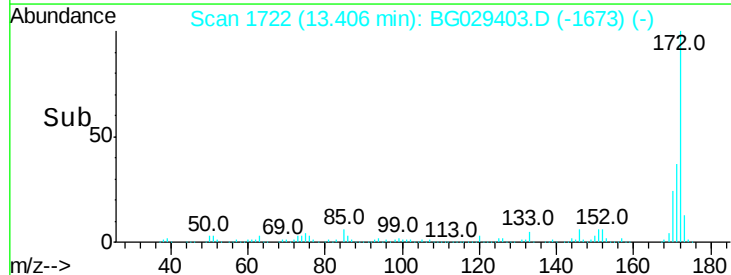
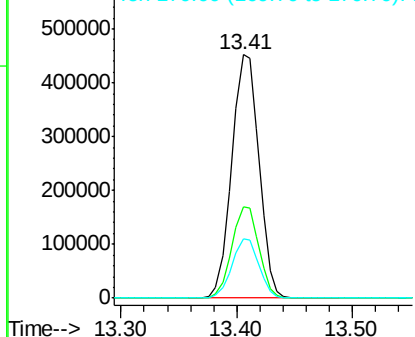


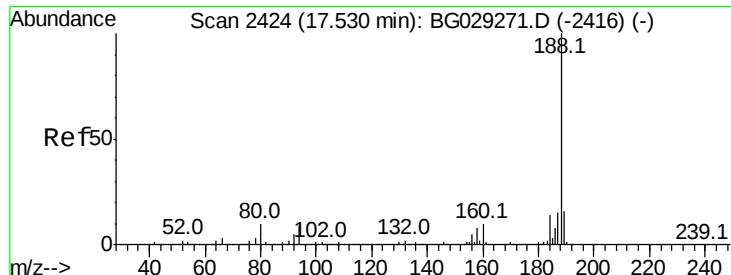
#44
 2-Fluorobiphenyl
 Concen: 68.155 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029403.D
 Acq: 23 Oct 2017 17:33

Tgt Ion:172 Resp: 738087
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.2 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

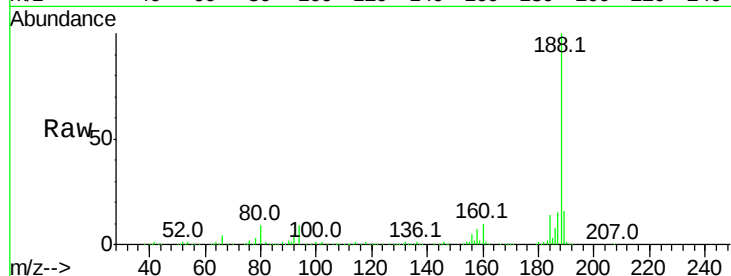




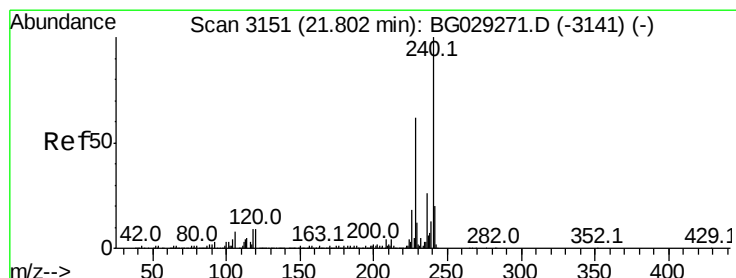
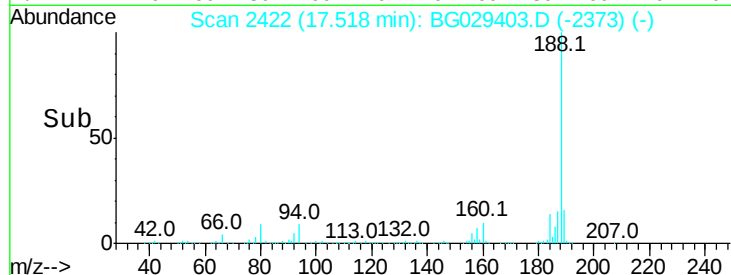
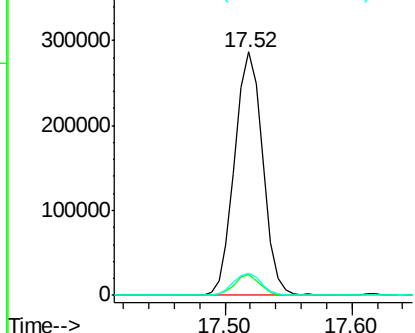
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029403.D
Acq: 23 Oct 2017 17:33

Instrument :
BNA_G
ClientSampleId :
PB103551BL

Tot Ion:188 Resp: 438993
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.3 7.7 11.5

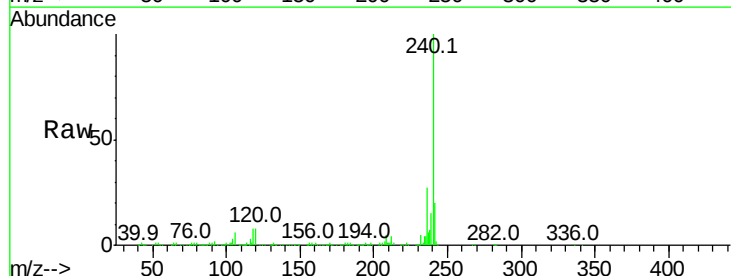


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

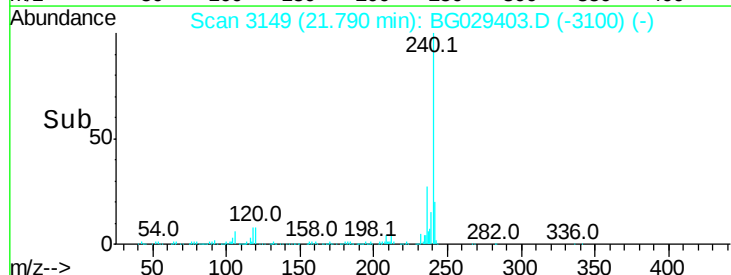
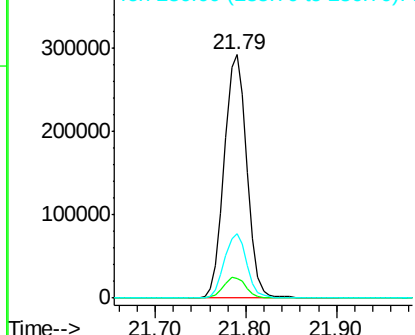


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029403.D
Acq: 23 Oct 2017 17:33

Tgt Ion:240 Resp: 505605
Ion Ratio Lower Upper
240 100
120 8.3 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: 64.565 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029403.D

Acq: 23 Oct 2017 17:33

Instrument :

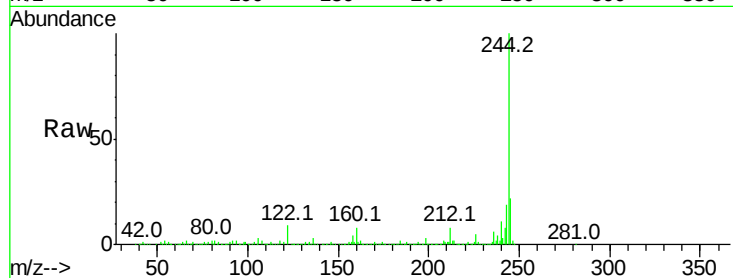
BNA_G

ClientSampleId :

PB103551BL

Tot Ion:244 Resp: 1434969

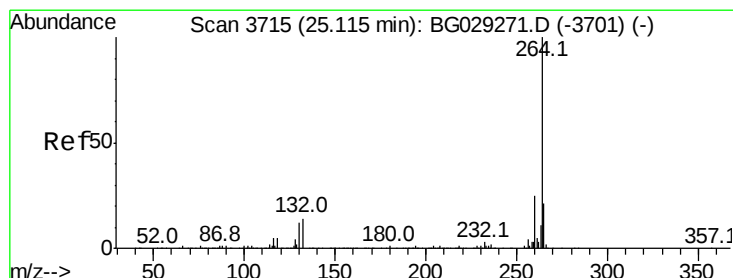
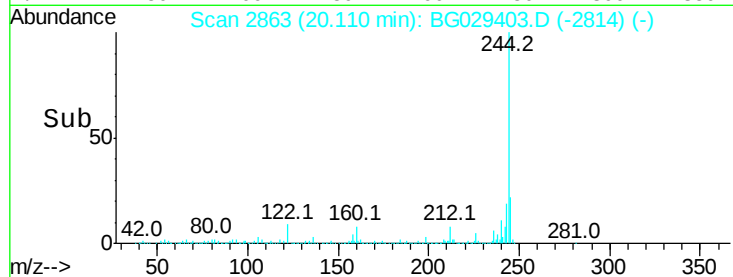
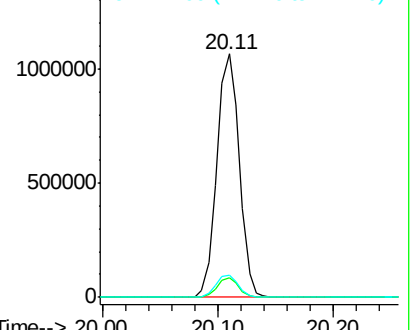
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.3	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

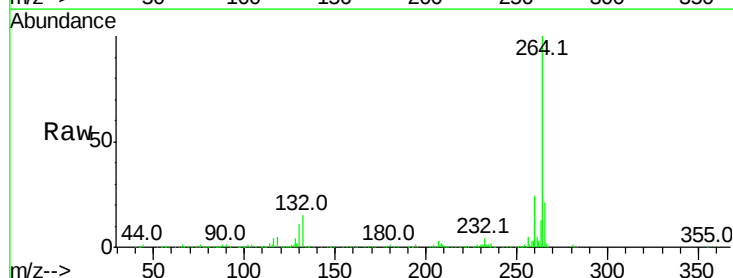
Delta R.T. -0.02 min

Lab File: BG029403.D

Acq: 23 Oct 2017 17:33

Tgt Ion:264 Resp: 499360

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.3	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

