

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029360.D
 Acq On : 19 Oct 2017 10:24
 Operator : SJ/JU
 Sample : PB103396BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103396BL

Quant Time: Oct 19 16:37:37 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	50430	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	223884	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	148784	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	407465	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	478632	20.00	ng	-0.01
86) Perylene-d12	25.10	264	486311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	410546	136.00	ng	0.00
7) Phenol-d6	7.32	99	538985	127.20	ng	0.00
23) Nitrobenzene-d5	9.33	82	303445	86.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	296897	154.56	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	850520	83.84	ng	0.00
78) Terphenyl-d14	20.11	244	1643156	78.10	ng	-0.01

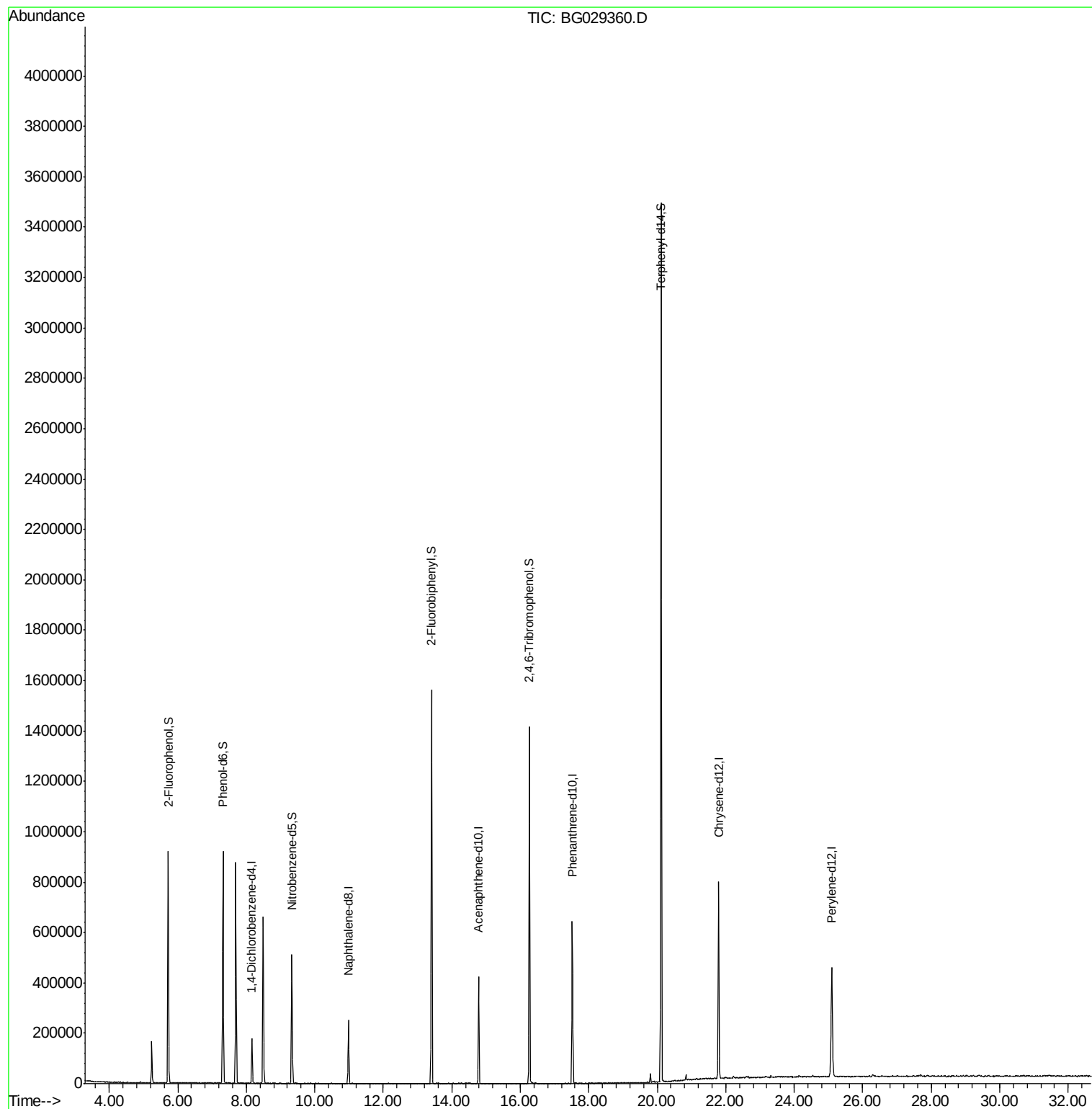
Target Compounds Qvalue

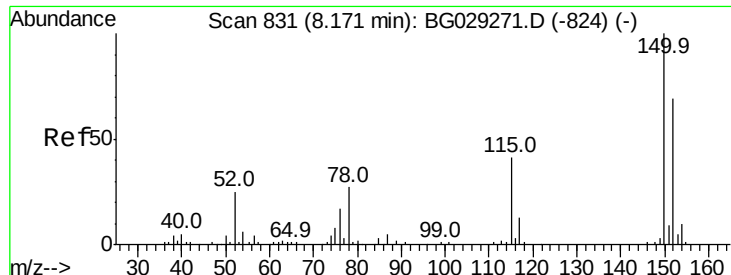
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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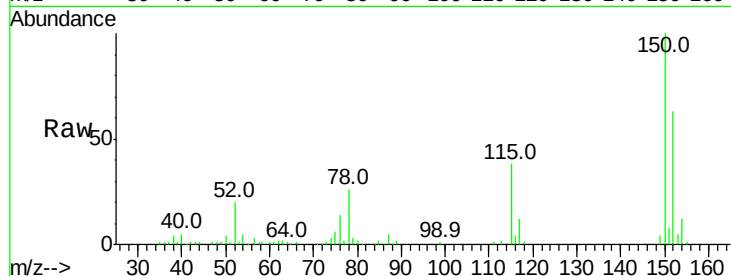


#1

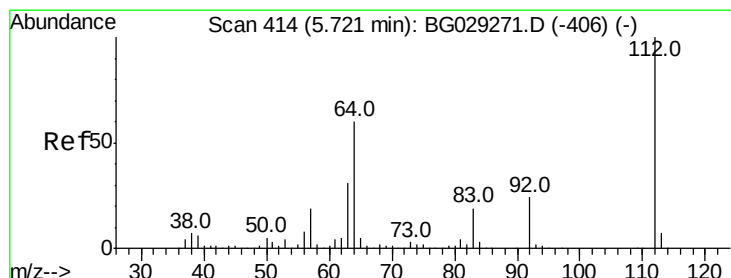
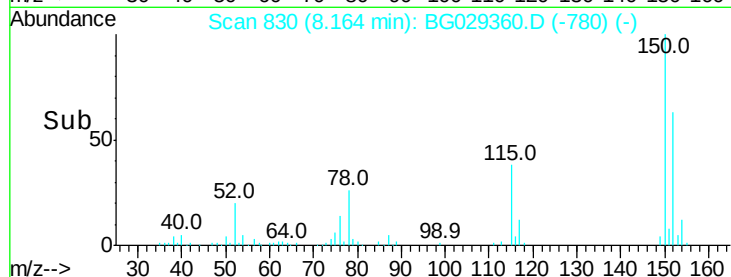
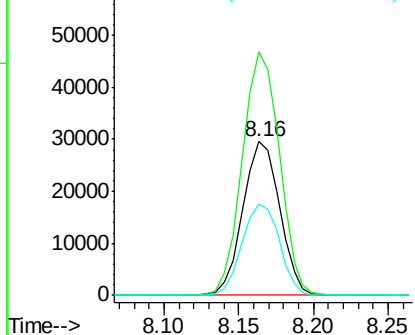
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029360.D
Acq: 19 Oct 2017 10:24

Instrument :
BNA_G
ClientSampleId :
PB103396BL

Tot Ion:152 Resp: 50430
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 59.9 53.0 79.4



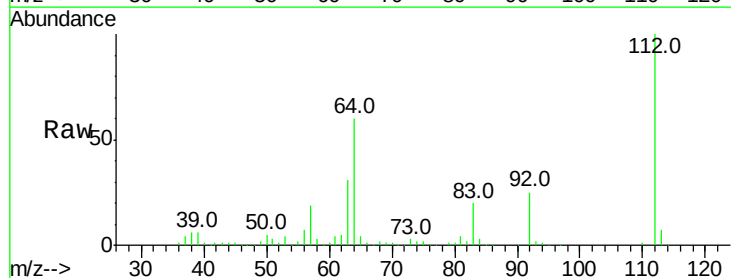
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



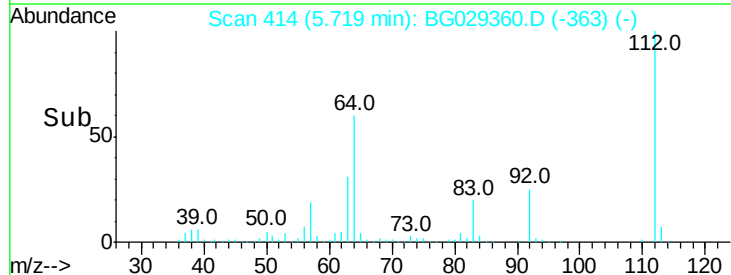
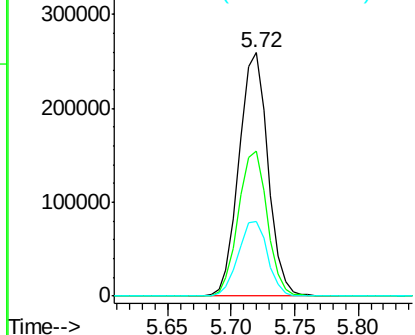
#5

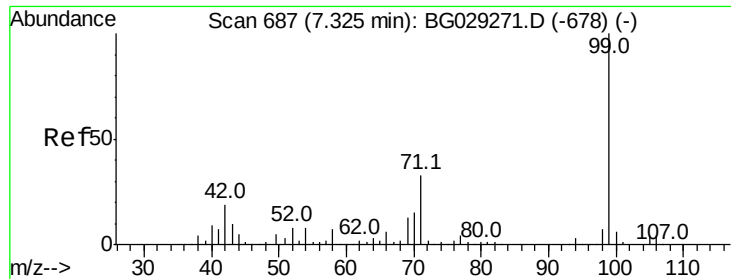
2-Fluorophenol
Concen: 135.998 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029360.D
Acq: 19 Oct 2017 10:24

Tgt Ion:112 Resp: 410546
Ion Ratio Lower Upper
112 100
64 59.5 56.3 84.5
63 30.7 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: 127.200 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Instrument :

BNA_G

ClientSampleId :

PB103396BL

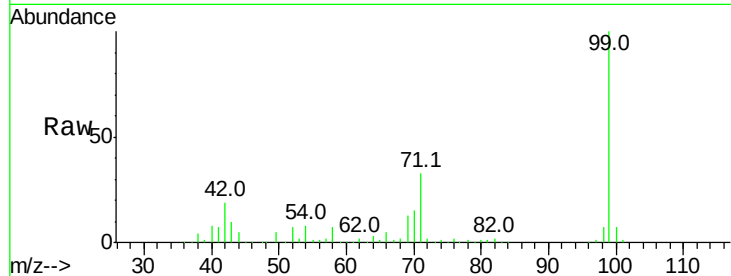
Tot Ion: 99 Resp: 538985

Ion Ratio Lower Upper

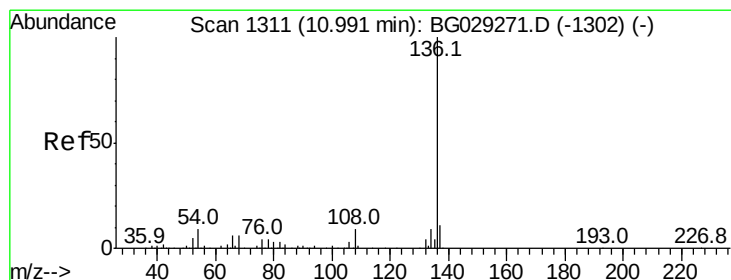
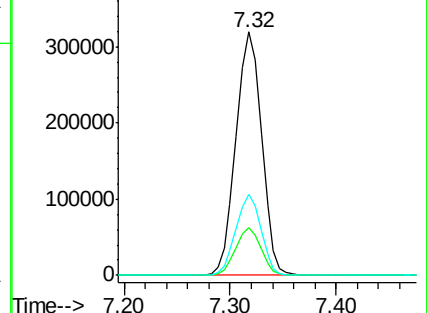
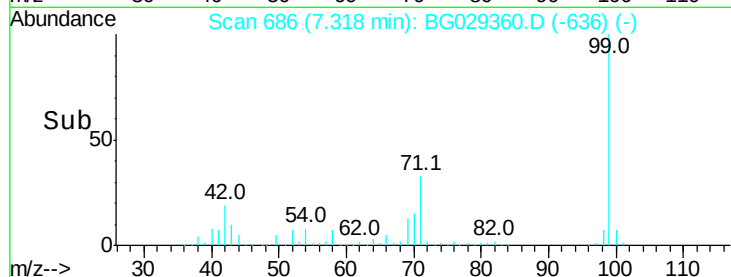
99 100

42 19.5 14.1 21.1

71 33.4 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# 1310

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Tgt Ion: 136 Resp: 223884

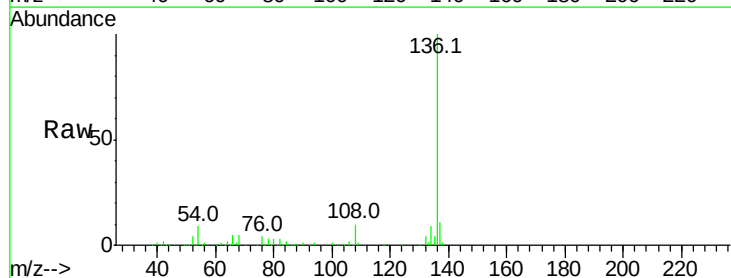
Ion Ratio Lower Upper

136 100

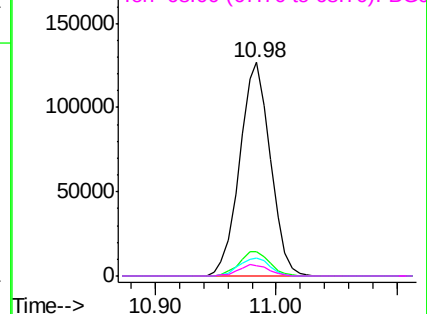
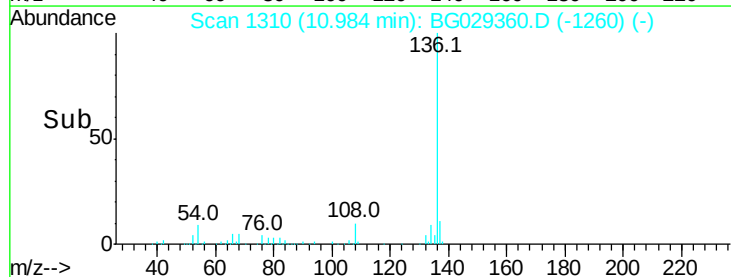
137 11.2 9.2 13.8

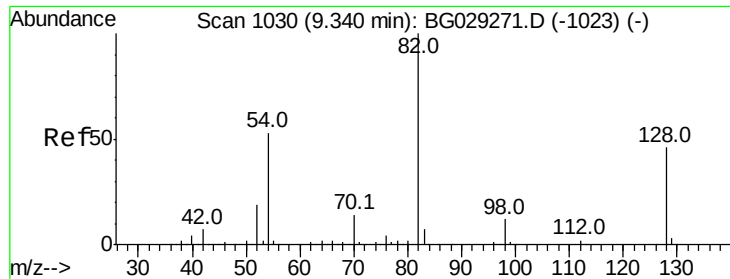
54 8.7 10.3 15.5#

68 5.1 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: 86.130 ng

RT: 9.33 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Instrument :

BNA_G

ClientSampled :

PB103396BL

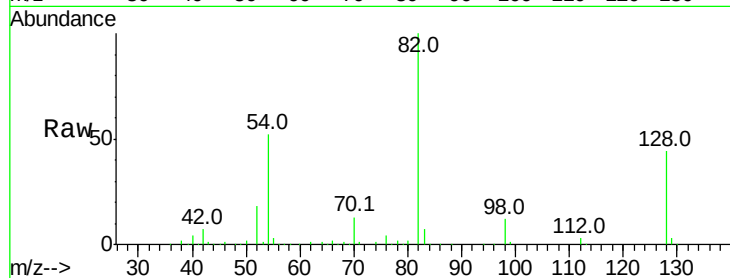
Tot Ion: 82 Resp: 303445

Ion Ratio Lower Upper

82 100

128 43.6 29.7 44.5

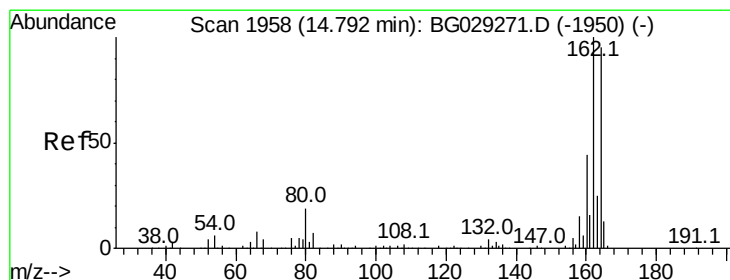
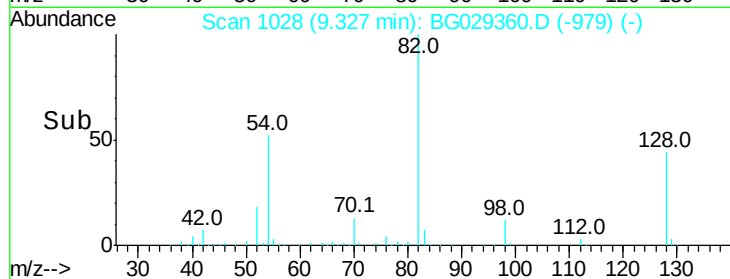
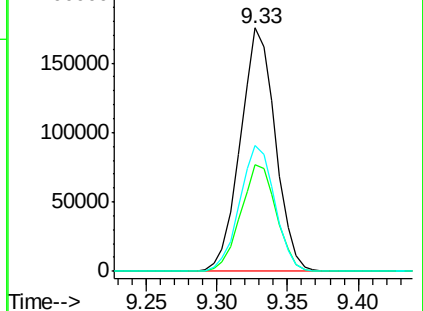
54 51.8 43.1 64.7



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: BG029360.D

Acq: 19 Oct 2017 10:24

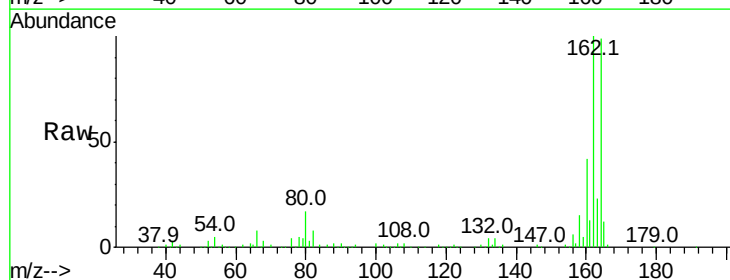
Tgt Ion: 164 Resp: 148784

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

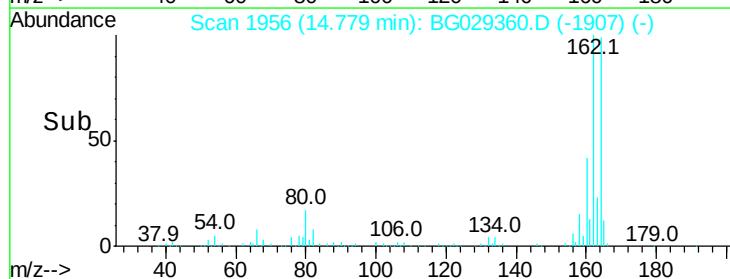
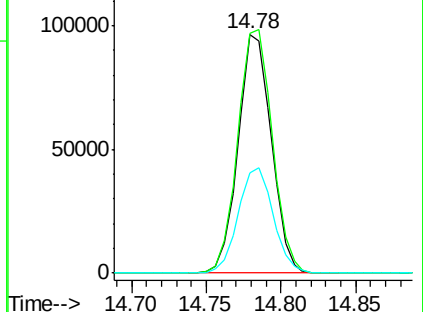
160 41.9 35.4 53.0

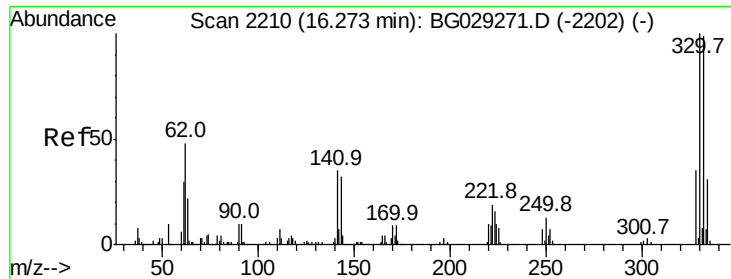


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

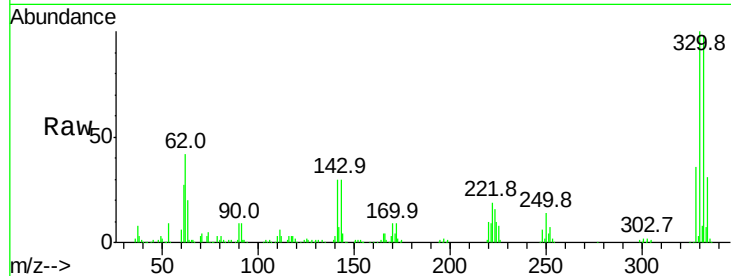




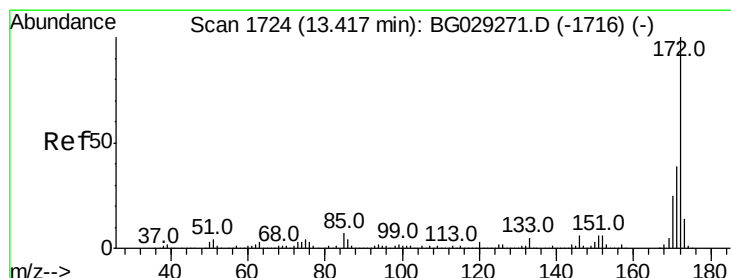
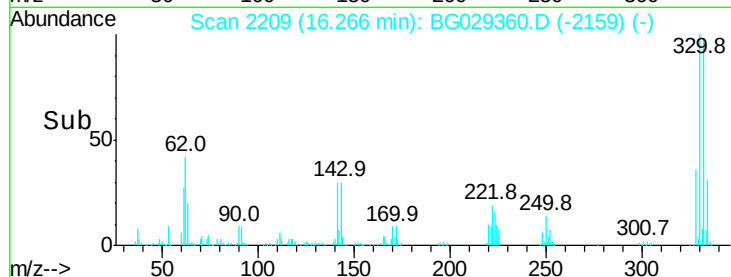
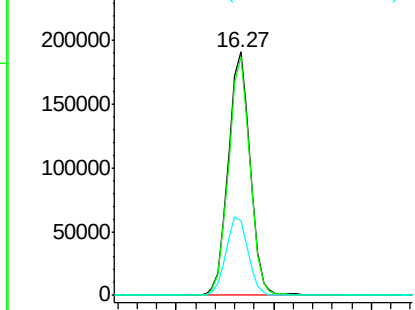
#41
 2,4,6-Tribromophenol
 Concen: 154.557 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB103396BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.8	25.2	37.8

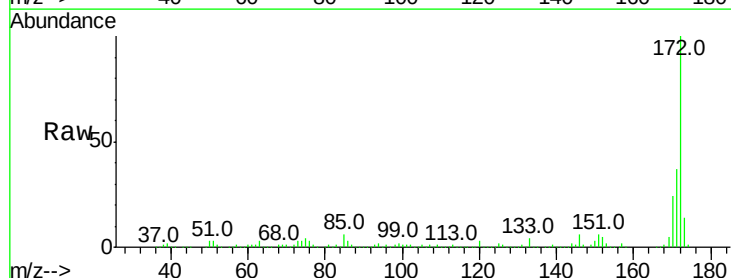


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

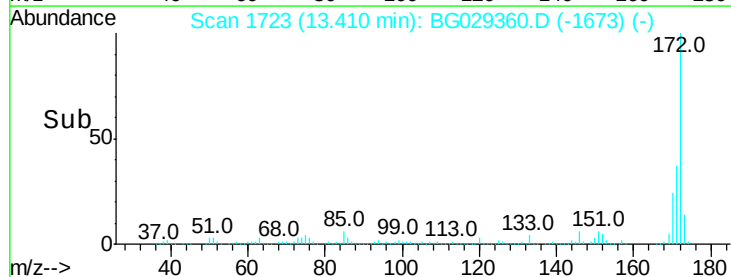
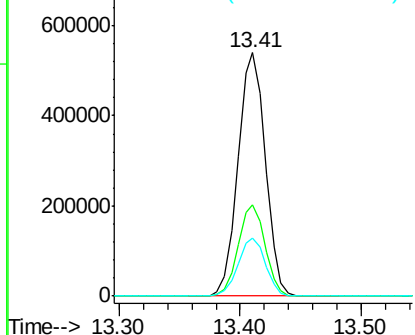


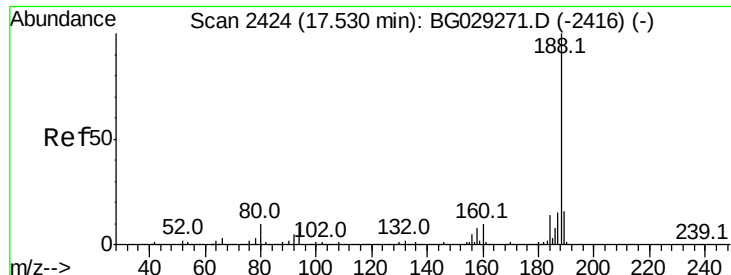
#44
 2-Fluorobiphenyl
 Concen: 83.841 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.9	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

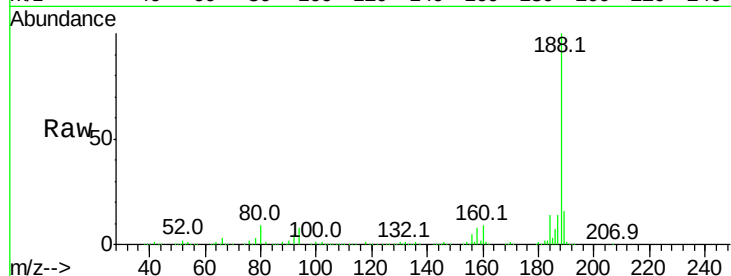




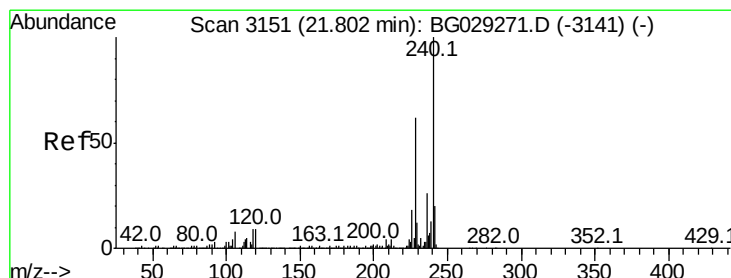
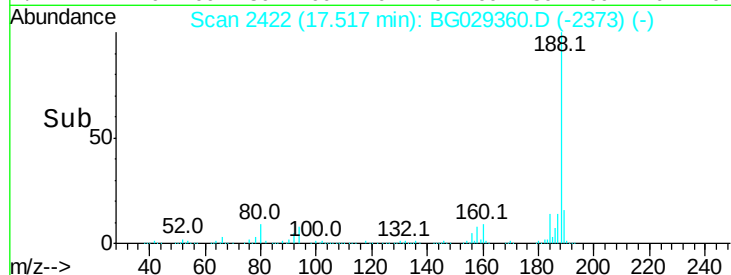
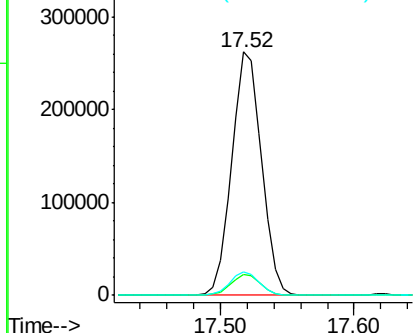
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029360.D
Acq: 19 Oct 2017 10:24

Instrument :
BNA_G
ClientSampleId :
PB103396BL

Tot Ion:188 Resp: 407465
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.4 7.7 11.5

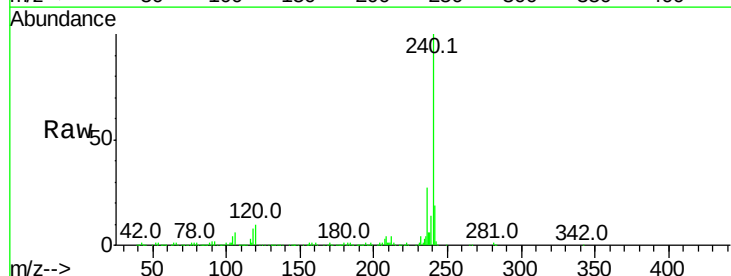


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

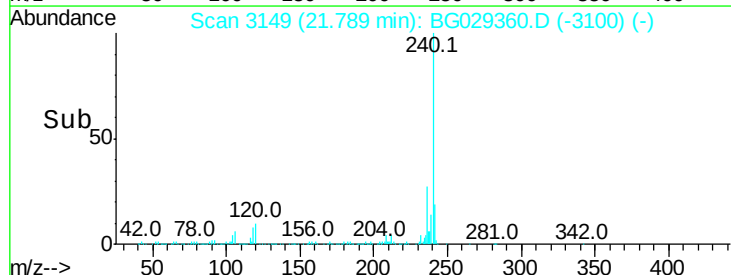
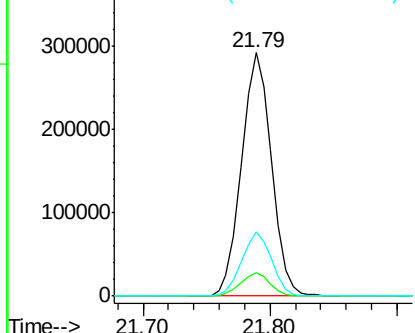


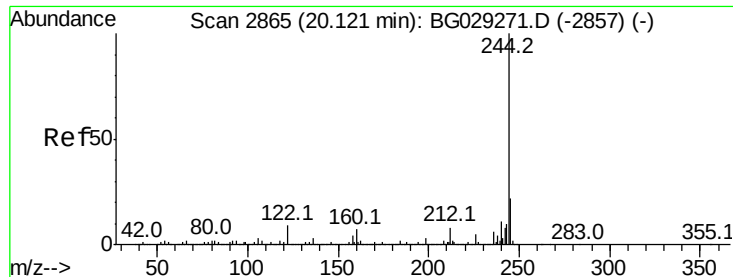
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029360.D
Acq: 19 Oct 2017 10:24

Tgt Ion:240 Resp: 478632
Ion Ratio Lower Upper
240 100
120 9.6 6.8 10.2
236 26.5 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: 78.099 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Instrument :

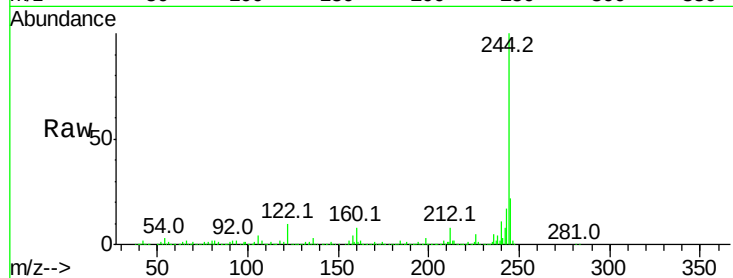
BNA_G

ClientSampleId :

PB103396BL

Tot Ion:244 Resp: 1643156

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.0	7.0	10.4

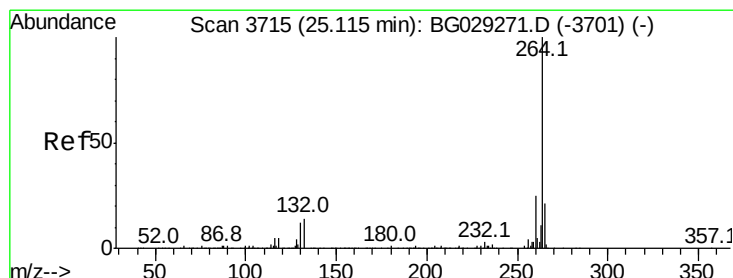
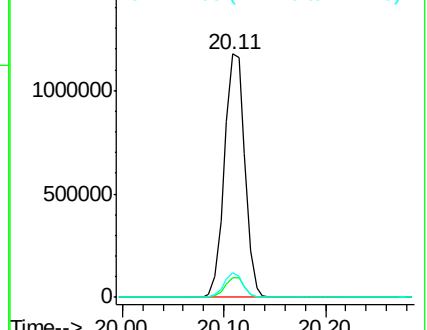
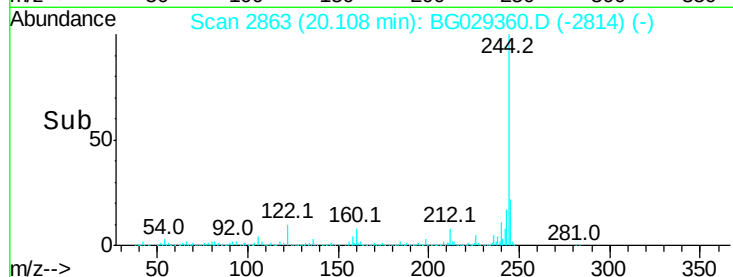


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

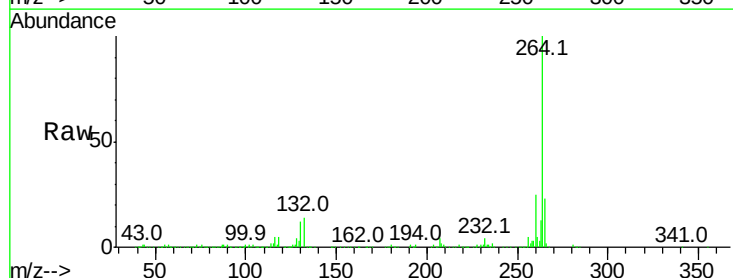
Delta R.T. -0.02 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Tgt Ion:264 Resp: 486311

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.6	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

