

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029382.D
 Acq On : 20 Oct 2017 21:26
 Operator : SJ/JU
 Sample : PB103492BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BL

Quant Time: Oct 21 22:34:26 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	53992	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	236852	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	165905	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	458575	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	520729	20.00	ng	-0.01
86) Perylene-d12	25.10	264	538110	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	447206	138.37	ng	0.00
7) Phenol-d6	7.31	99	588135	129.64	ng	-0.01
23) Nitrobenzene-d5	9.33	82	334778	89.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	352129	164.39	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	947659	83.78	ng	-0.01
78) Terphenyl-d14	20.11	244	1859791	81.25	ng	-0.01

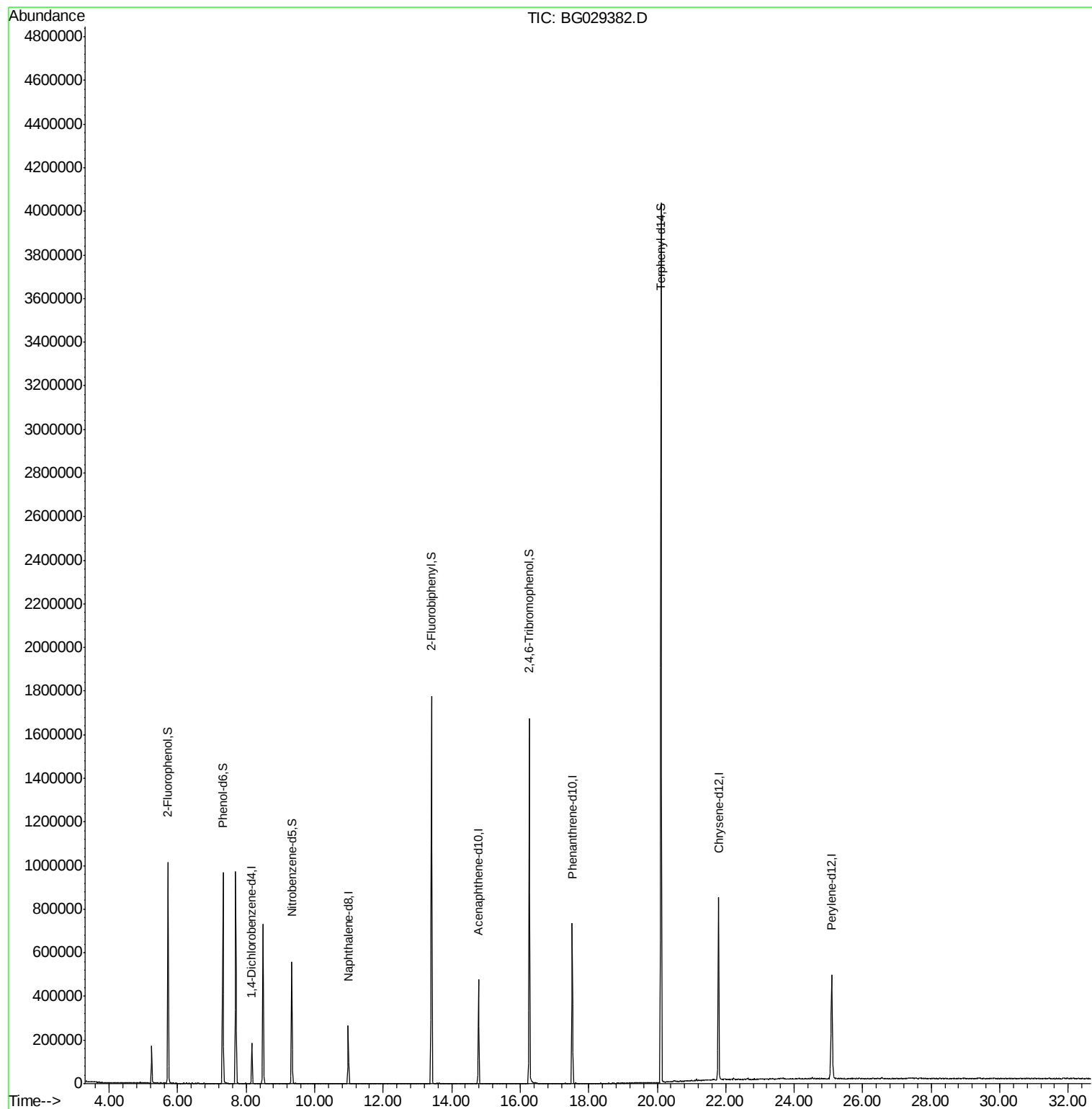
Target Compounds Qvalue

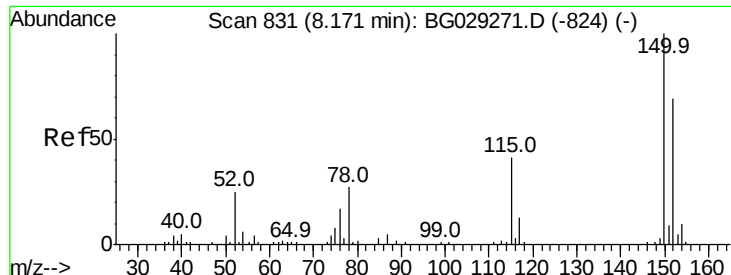
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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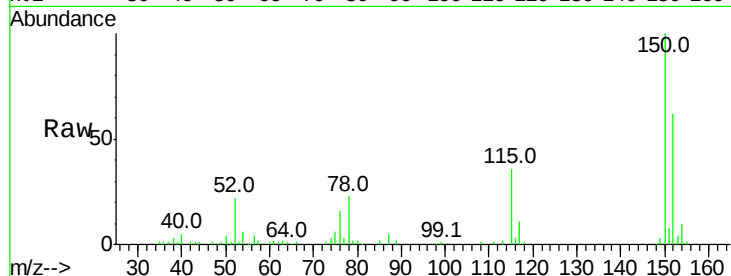


#1

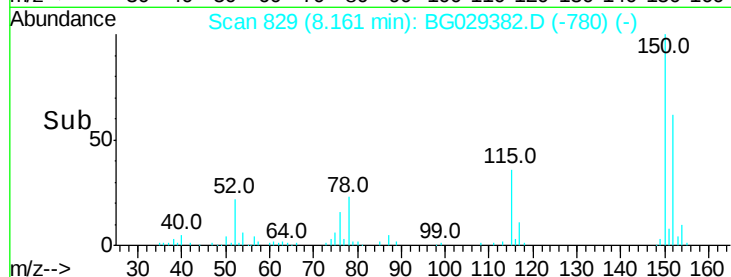
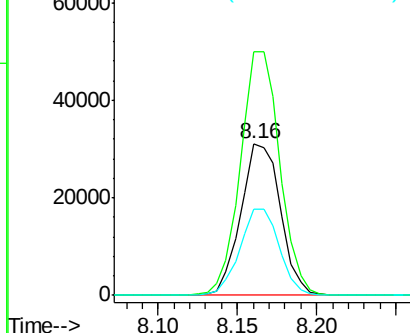
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG029382.D
Acq: 20 Oct 2017 21:26

Instrument :
BNA_G
ClientSampleId :
PB103492BL

Tot Ion:152 Resp: 53992
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 57.2 53.0 79.4



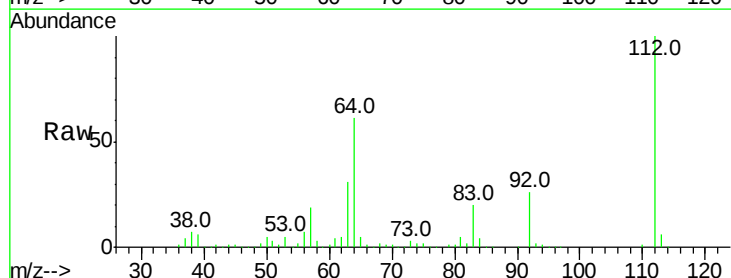
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



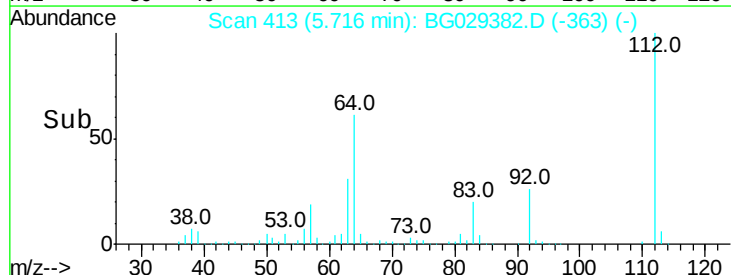
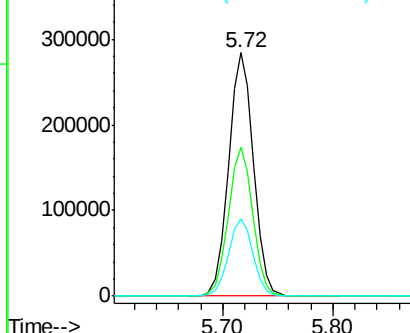
#5

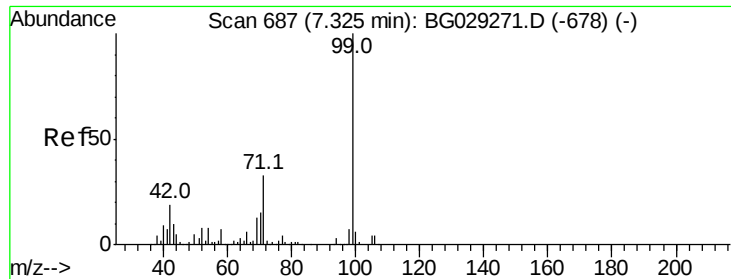
2-Fluorophenol
Concen: 138.369 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029382.D
Acq: 20 Oct 2017 21:26

Tgt Ion:112 Resp: 447206
Ion Ratio Lower Upper
112 100
64 61.1 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: 129.642 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029382.D

Acq: 20 Oct 2017 21:26

Instrument :

BNA_G

ClientSampleId :

PB103492BL

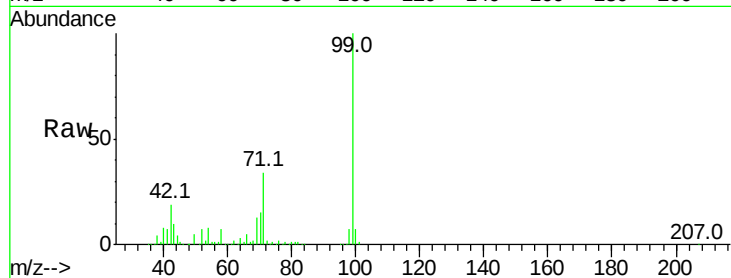
Tot Ion: 99 Resp: 588135

Ion Ratio Lower Upper

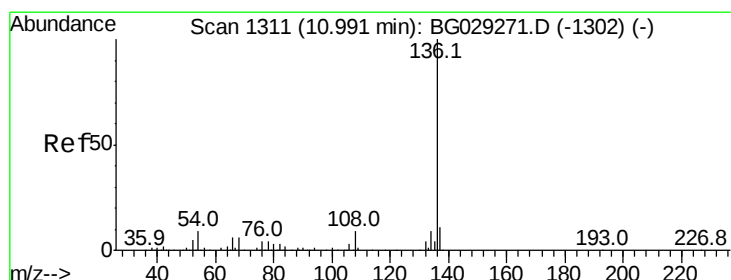
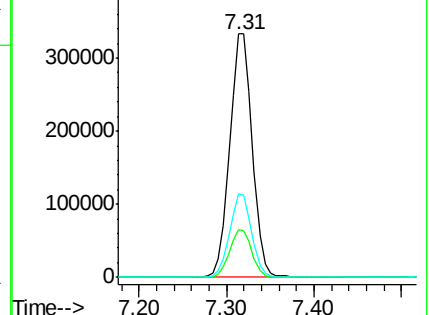
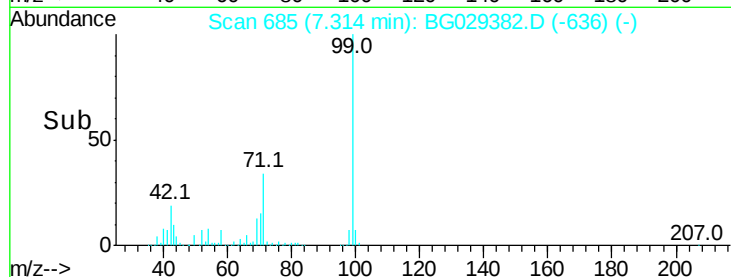
99 100

42 19.5 14.1 21.1

71 34.3 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: BG029382.D

Acq: 20 Oct 2017 21:26

Tgt Ion: 136 Resp: 236852

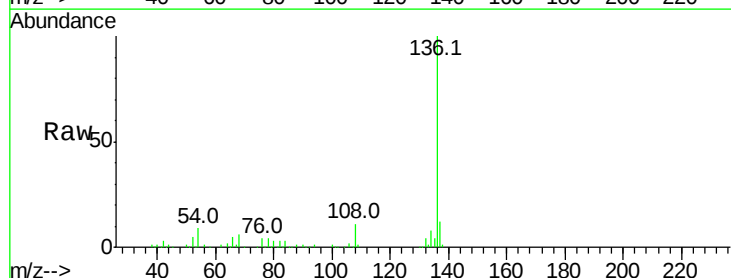
Ion Ratio Lower Upper

136 100

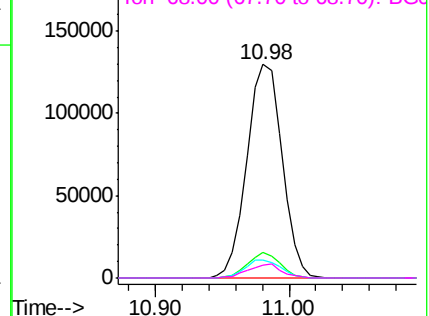
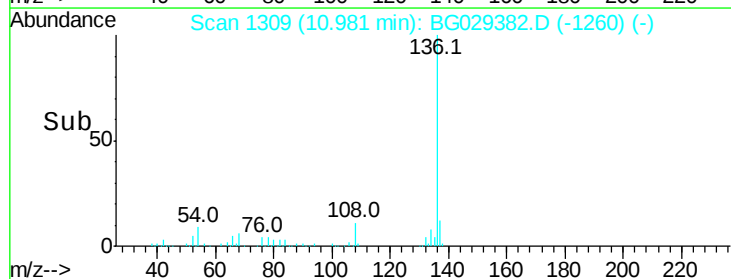
137 11.7 9.2 13.8

54 8.6 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

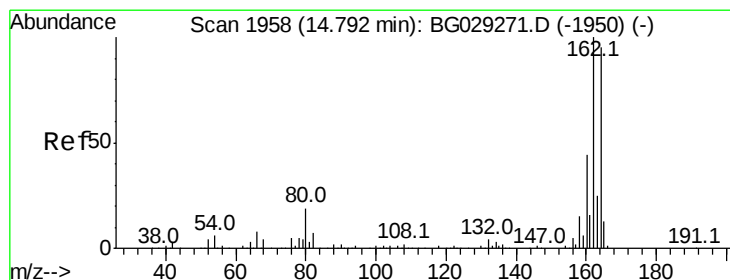
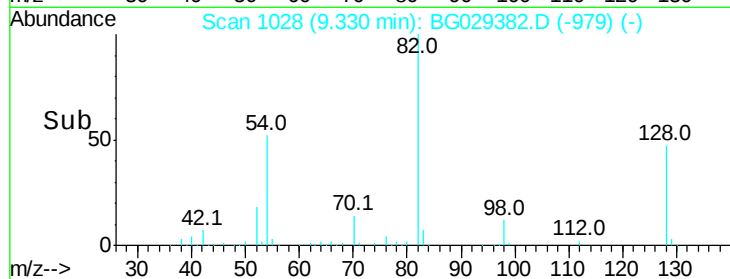
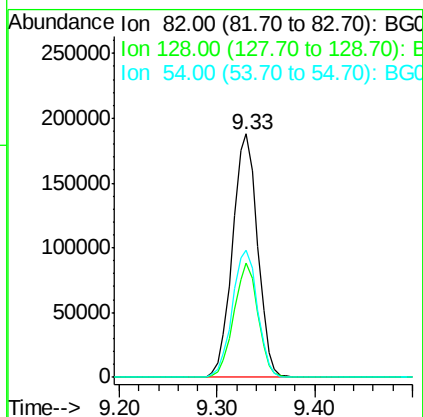
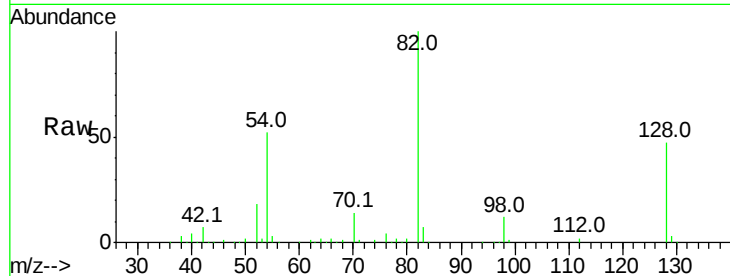




#23
Nitrobenzene-d5
Concen: 89.821 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029382.D
Acq: 20 Oct 2017 21:26

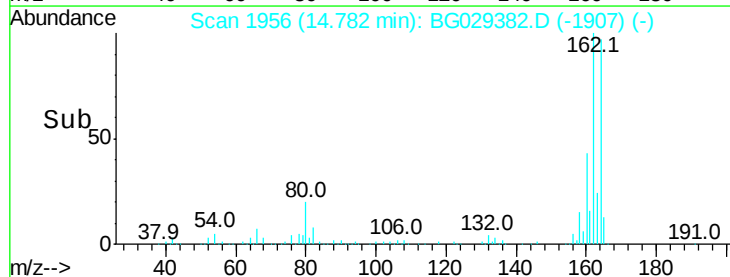
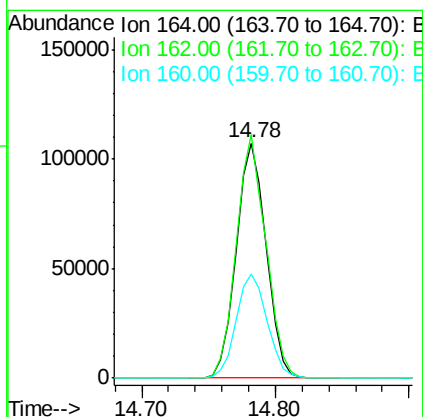
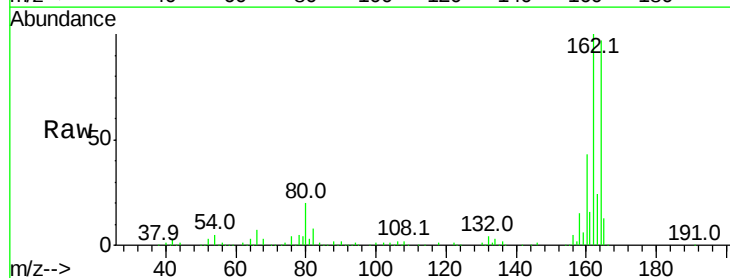
Instrument :
BNA_G
ClientSampleID :
PB103492BL

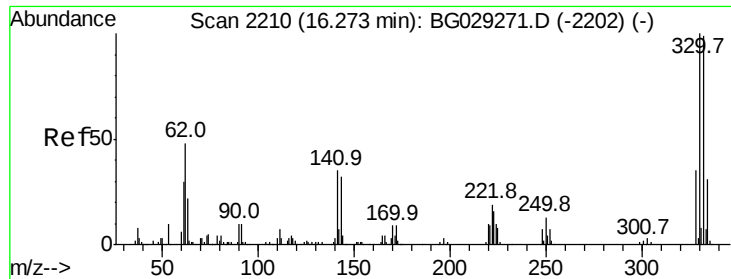
Tot Ion: 82 Resp: 334778
Ion Ratio Lower Upper
82 100
128 46.8 29.7 44.5#
54 52.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029382.D
Acq: 20 Oct 2017 21:26

Tgt Ion: 164 Resp: 165905
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 44.3 35.4 53.0

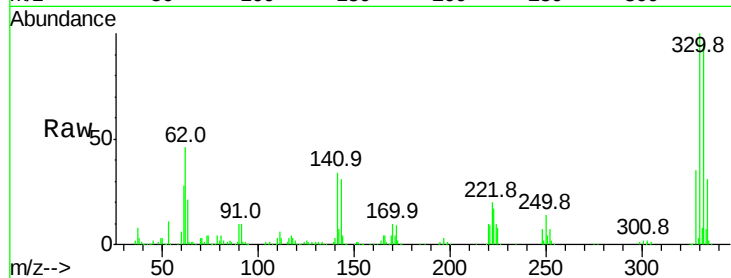




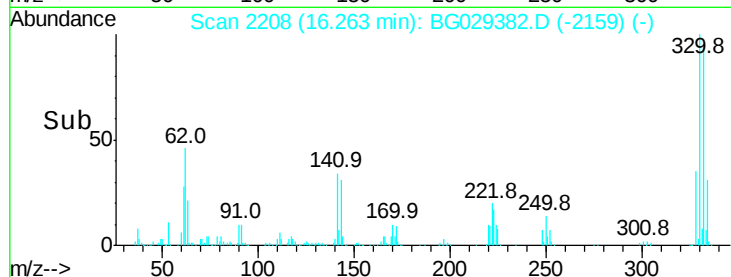
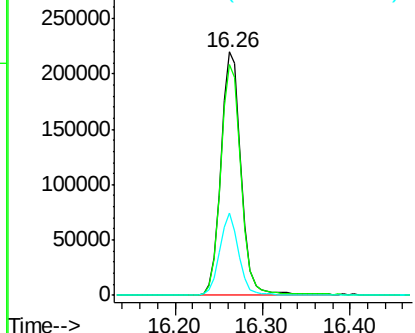
#41
 2,4,6-Tribromophenol
 Concen: 164.392 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029382.D
 Acq: 20 Oct 2017 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.0	25.2	37.8

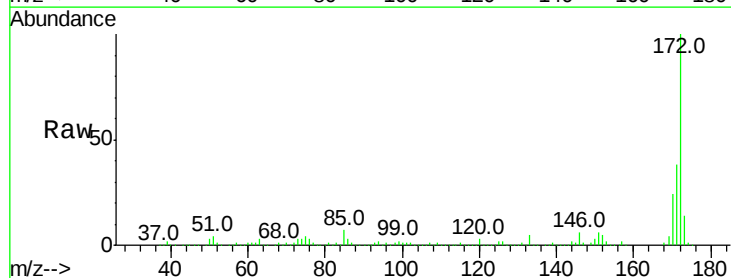


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

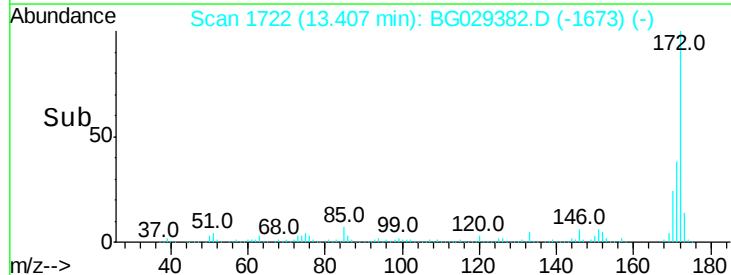
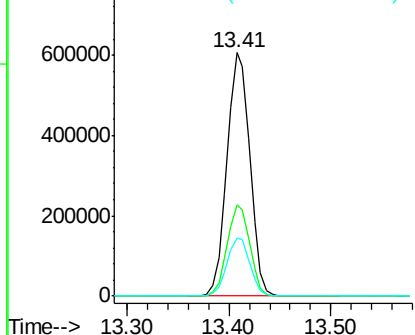


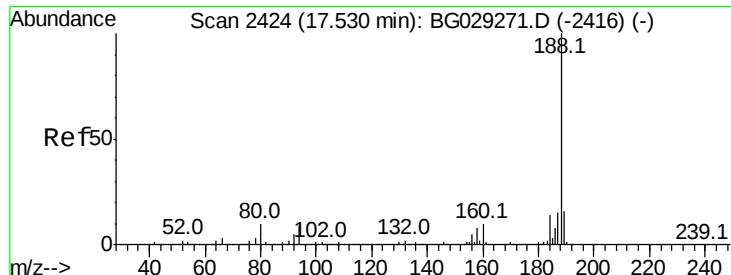
#44
 2-Fluorobiphenyl
 Concen: 83.776 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029382.D
 Acq: 20 Oct 2017 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.7	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

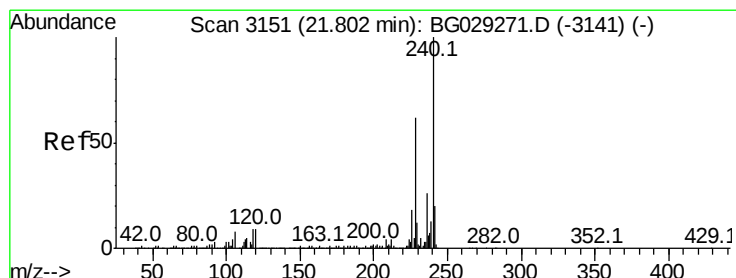
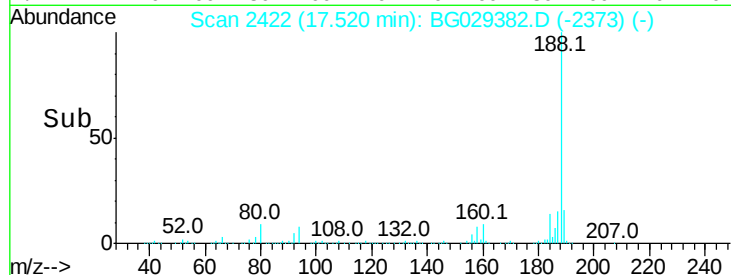
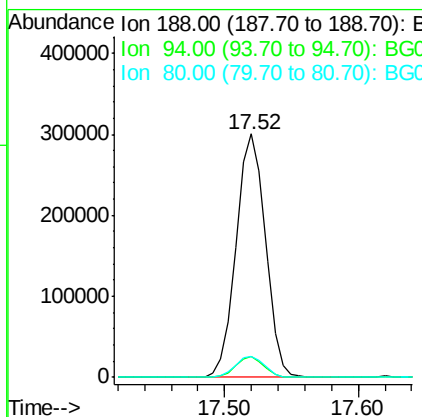
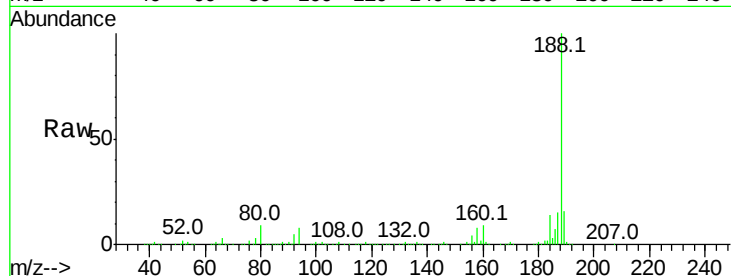




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029382.D
Acq: 20 Oct 2017 21:26

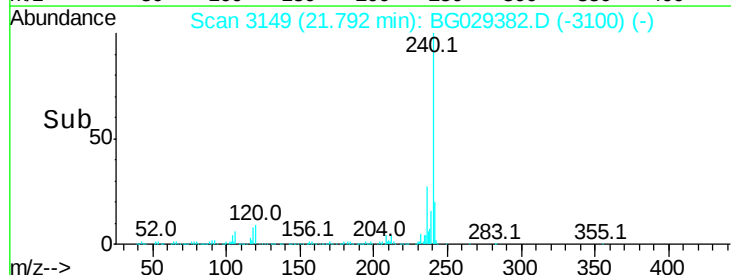
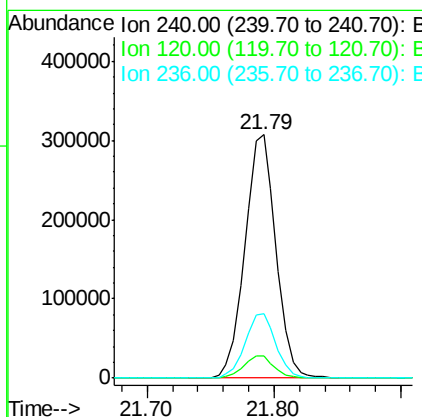
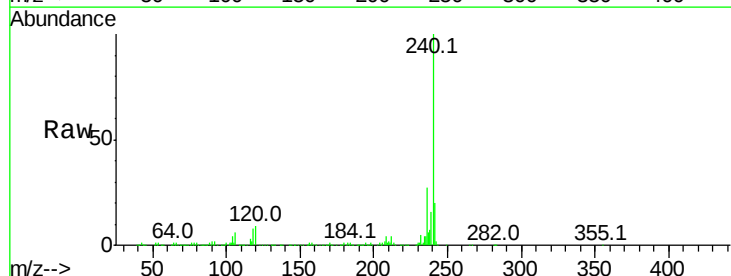
Instrument :
BNA_G
ClientSampleId :
PB103492BL

Tot Ion:188 Resp: 458575
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 8.7 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: BG029382.D
Acq: 20 Oct 2017 21:26

Tgt Ion:240 Resp: 520729
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 81.249 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029382.D

Acq: 20 Oct 2017 21:26

Instrument :

BNA_G

ClientSampleId :

PB103492BL

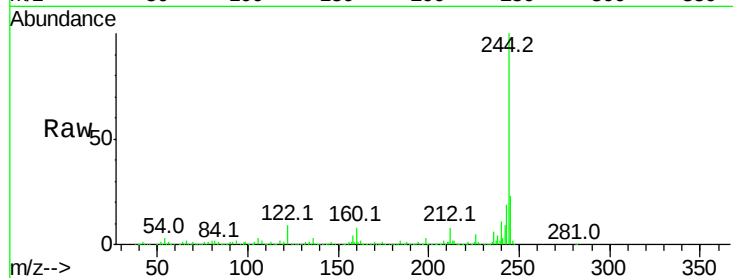
Tot Ion:244 Resp: 1859791

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

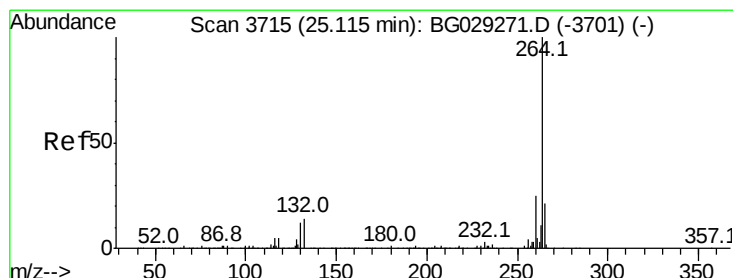
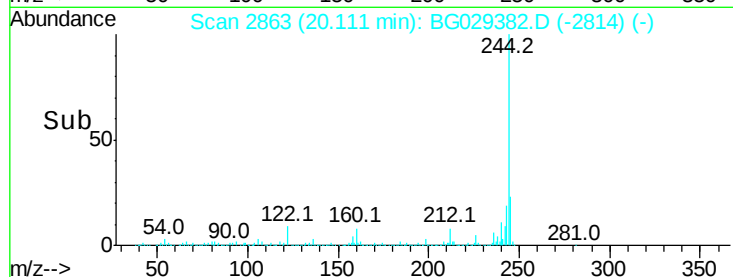
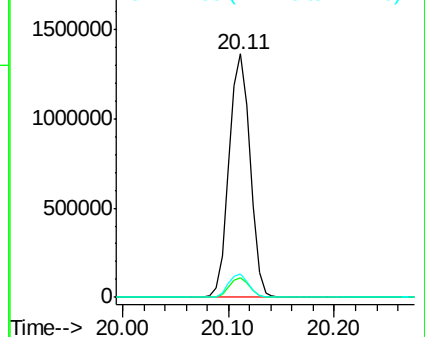
122 9.4 7.0 10.4



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: BG029382.D

Acq: 20 Oct 2017 21:26

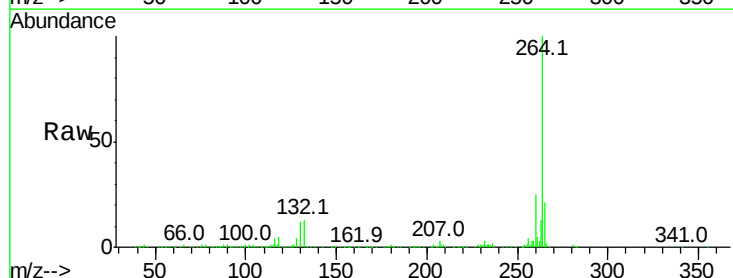
Tgt Ion:264 Resp: 538110

Ion Ratio Lower Upper

264 100

260 25.2 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

