

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029311.D
 Acq On : 17 Oct 2017 21:31
 Operator : SJ/JU
 Sample : PB103373BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BL

Quant Time: Oct 18 00:55:28 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	57629	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	280191	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	188767	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	448983	20.00	ng	0.00
75) Chrysene-d12	21.80	240	485919	20.00	ng	0.00
86) Perylene-d12	25.10	264	477492	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	190202	55.14	ng	0.00
7) Phenol-d6	7.32	99	267733	55.29	ng	0.00
23) Nitrobenzene-d5	9.33	82	232450	52.72	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	127446	52.29	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	669727	52.04	ng	0.00
78) Terphenyl-d14	20.12	244	1125201	52.68	ng	0.00

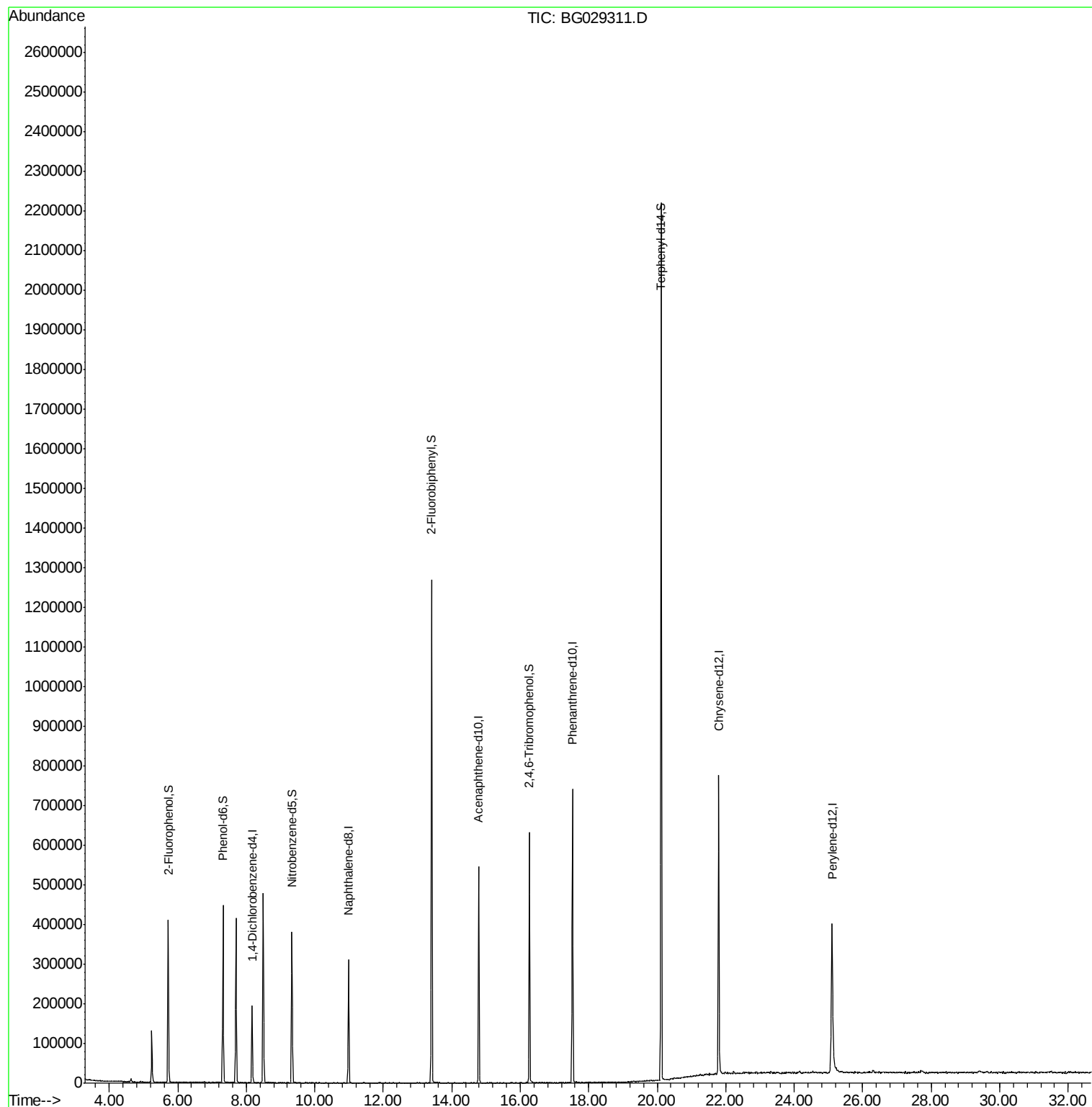
Target Compounds Qvalue

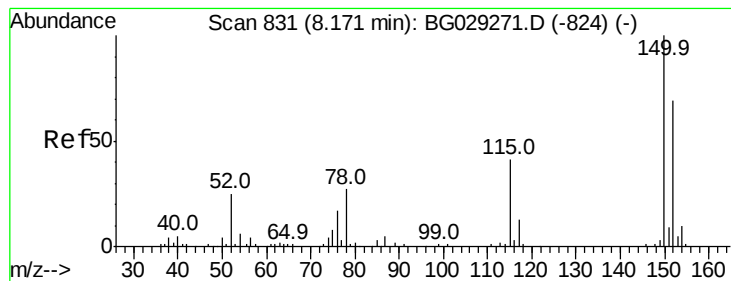
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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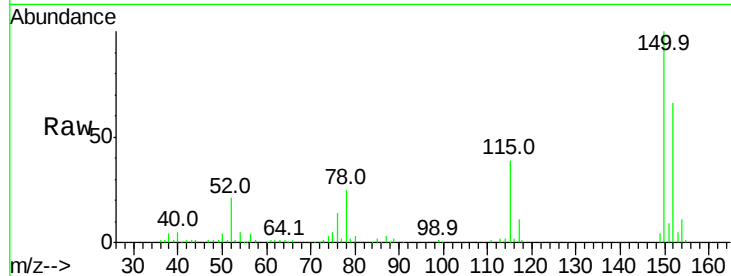


#1

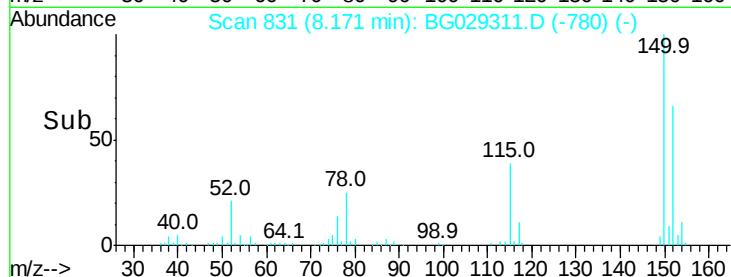
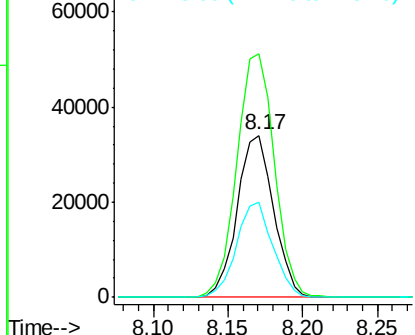
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029311.D
Acq: 17 Oct 2017 21:31

Instrument :
BNA_G
ClientSampleId :
PB103373BL

Tot Ion:152 Resp: 57629
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 58.5 53.0 79.4



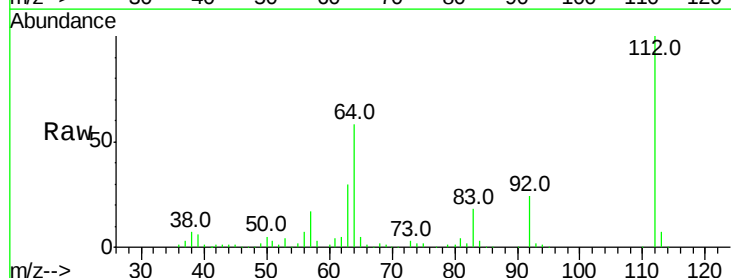
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



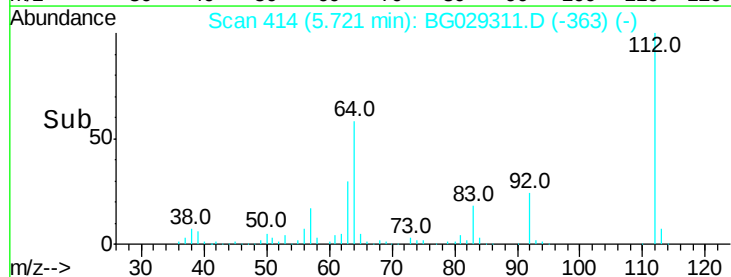
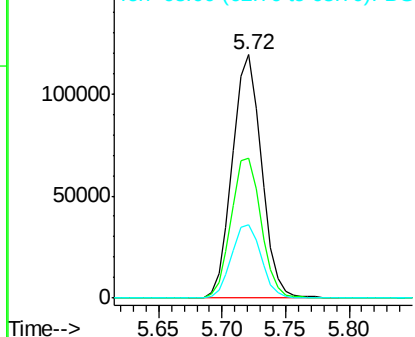
#5

2-Fluorophenol
Concen: 55.136 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029311.D
Acq: 17 Oct 2017 21:31

Tgt Ion:112 Resp: 190202
Ion Ratio Lower Upper
112 100
64 57.7 56.3 84.5
63 30.2 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: 55.292 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029311.D

Acq: 17 Oct 2017 21:31

Instrument :

BNA_G

ClientSampleId :

PB103373BL

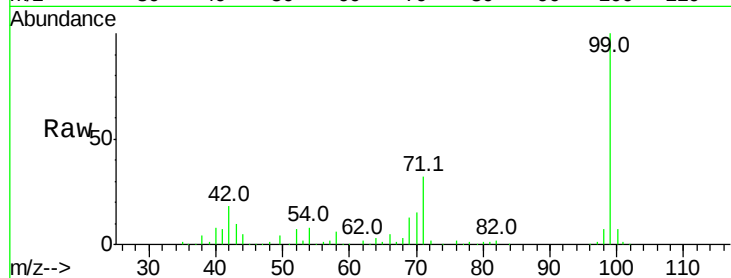
Tot Ion: 99 Resp: 267733

Ion Ratio Lower Upper

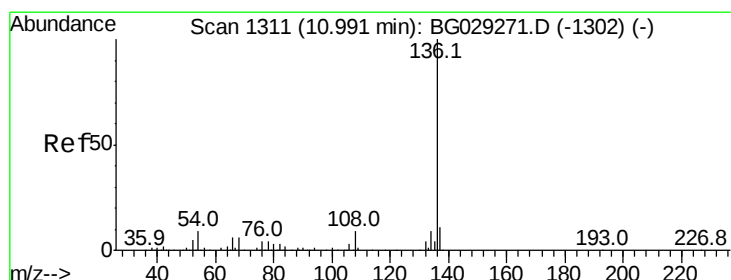
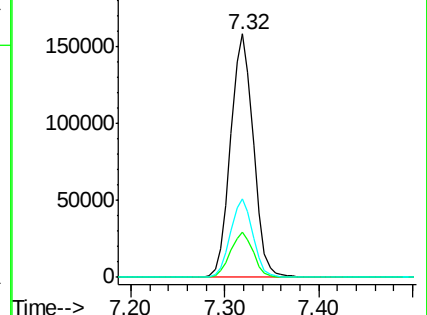
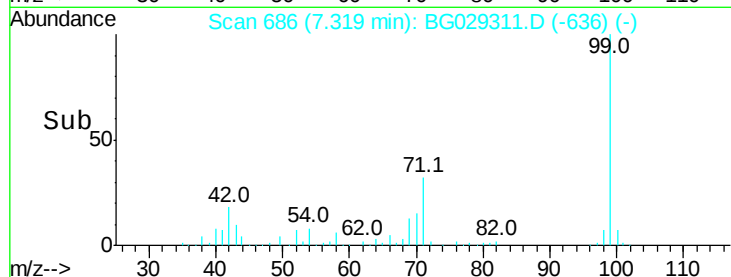
99 100

42 18.3 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: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029311.D

Acq: 17 Oct 2017 21:31

Tgt Ion: 136 Resp: 280191

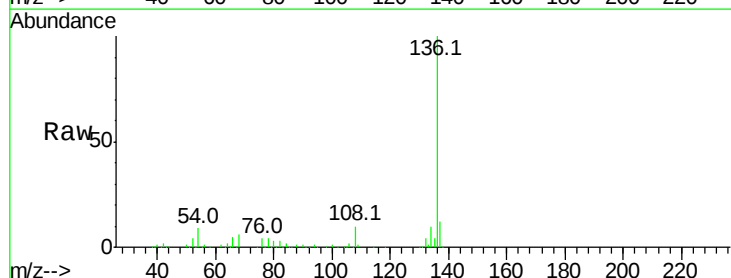
Ion Ratio Lower Upper

136 100

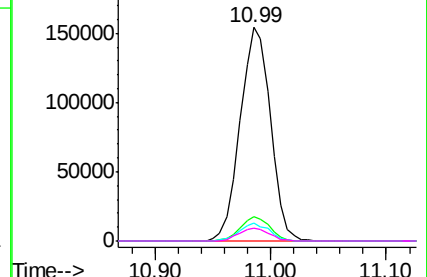
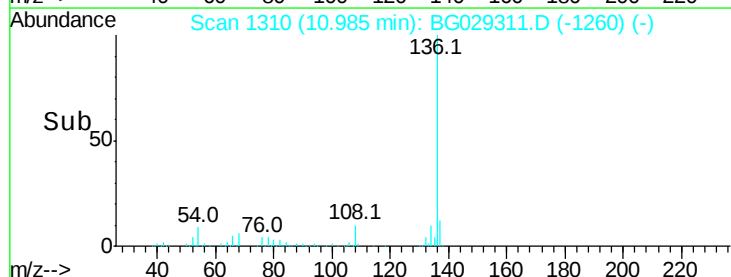
137 11.6 9.2 13.8

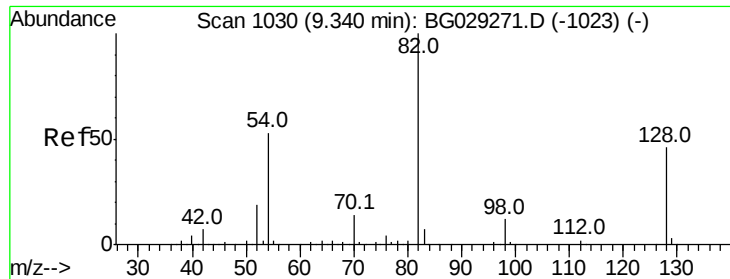
54 8.6 10.3 15.5#

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

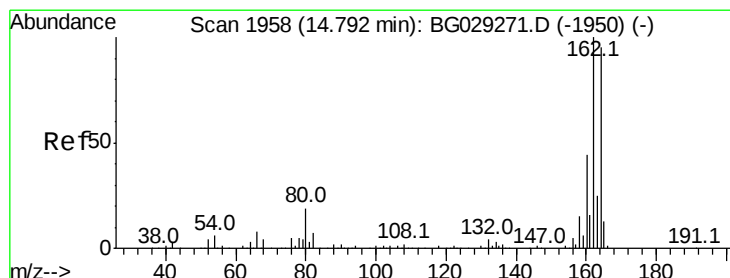
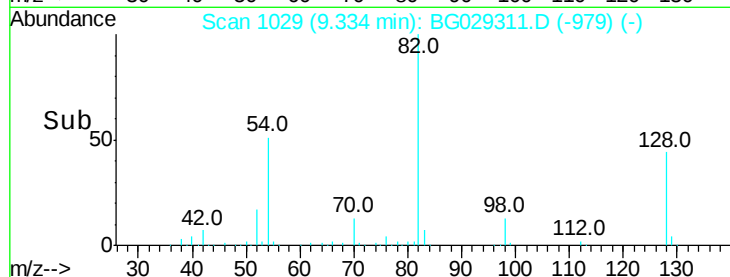
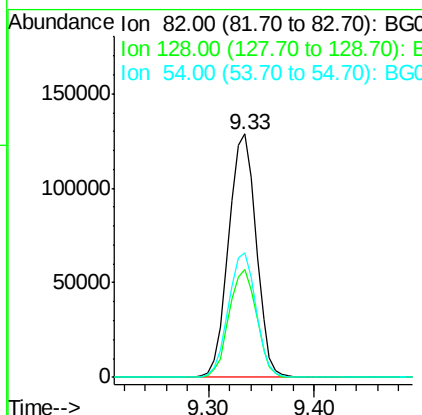
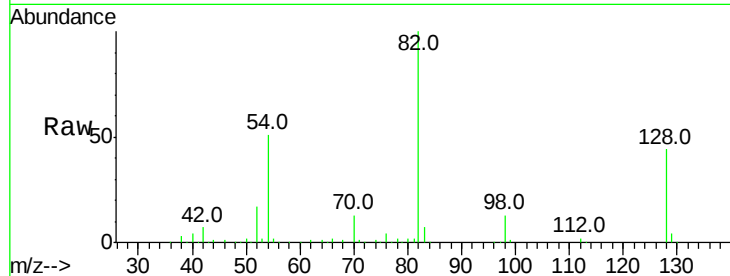




#23
 Nitrobenzene-d5
 Concen: 52.720 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029311.D
 Acq: 17 Oct 2017 21:31

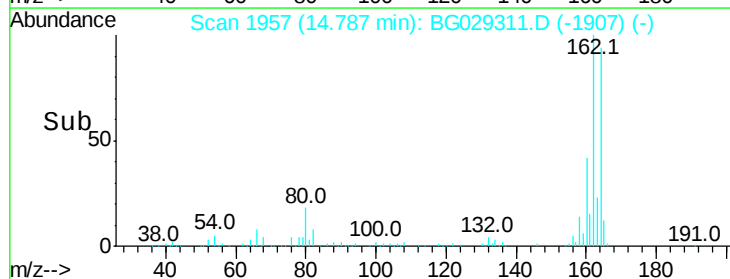
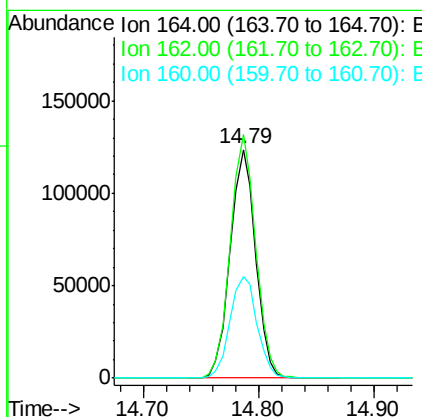
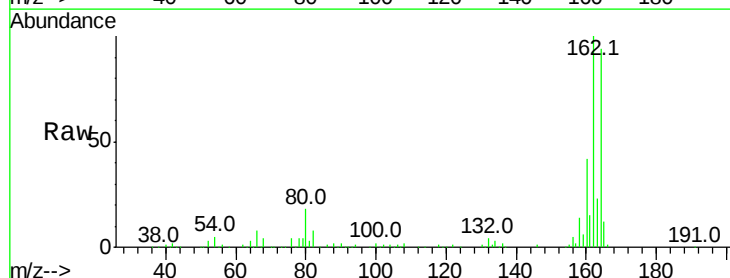
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BL

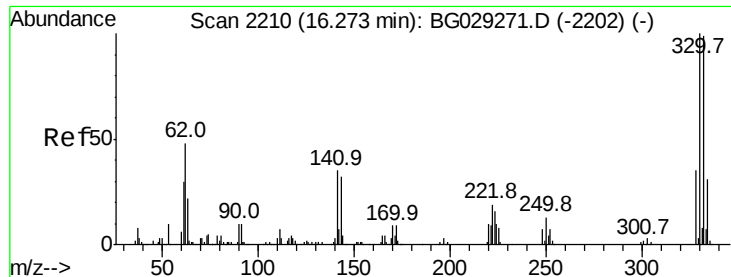
Tot Ion	82	Resp	232450
Ion Ratio	100	Lower	Upper
128	44.3	29.7	44.5
54	51.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029311.D
 Acq: 17 Oct 2017 21:31

Tgt Ion	164	Resp	188767
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.4	78.8	118.2
160	44.2	35.4	53.0

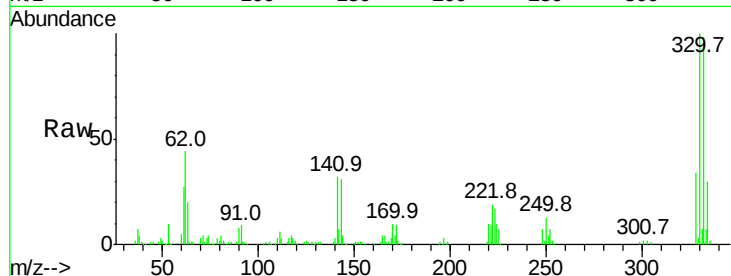




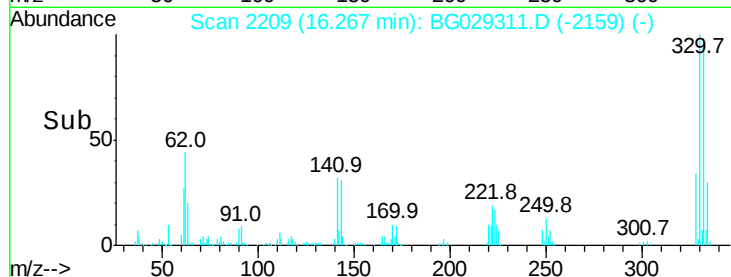
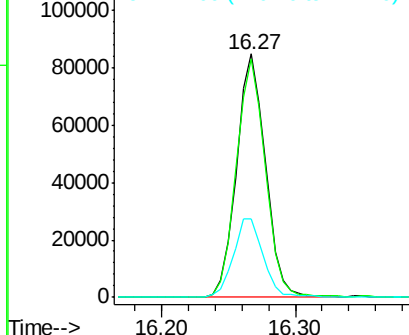
#41
 2,4,6-Tribromophenol
 Concen: 52.293 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029311.D
 Acq: 17 Oct 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	33.6	25.2	37.8

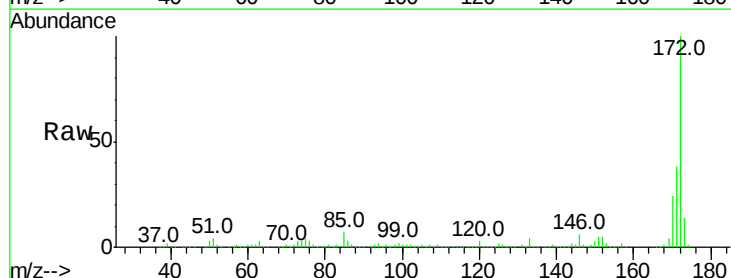


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

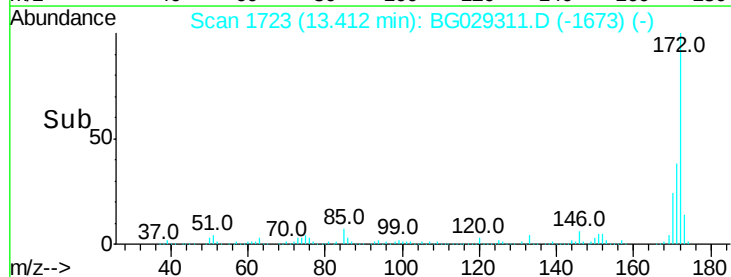
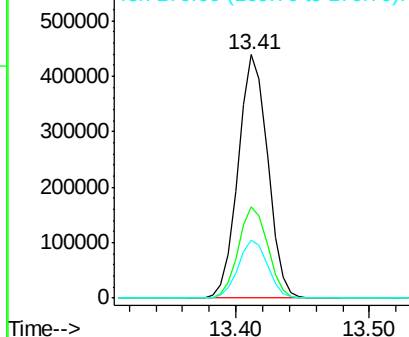


#44
 2-Fluorobiphenyl
 Concen: 52.035 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029311.D
 Acq: 17 Oct 2017 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.6	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

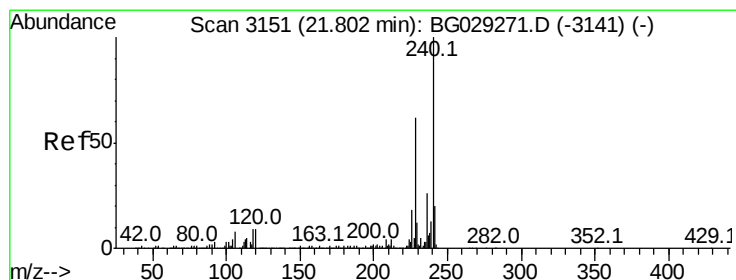
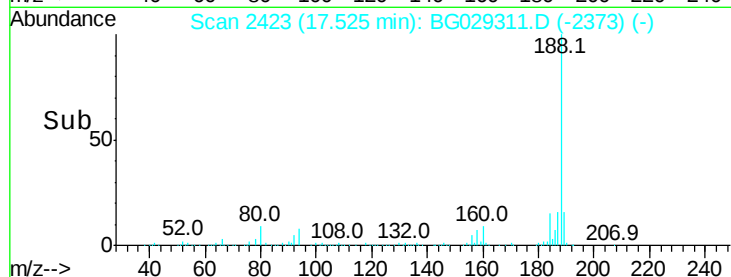
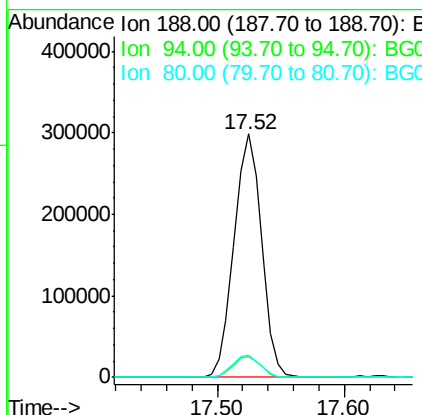
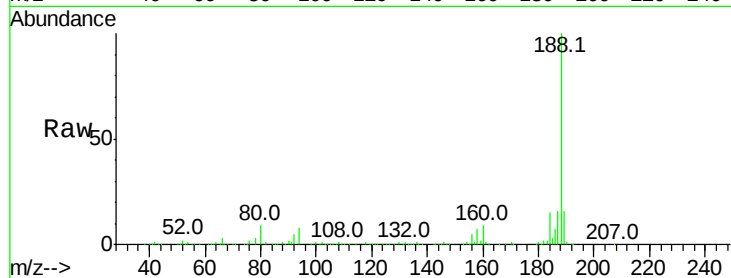




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029311.D
Acq: 17 Oct 2017 21:31

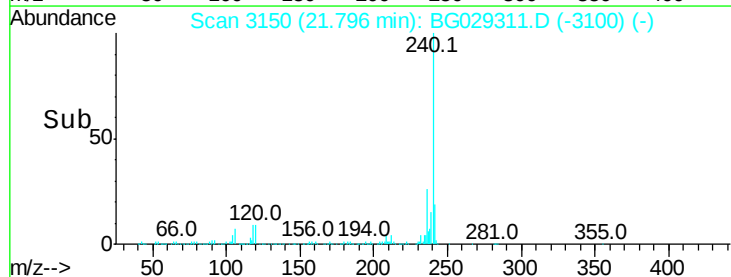
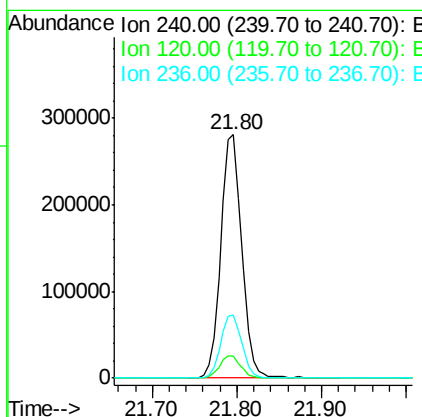
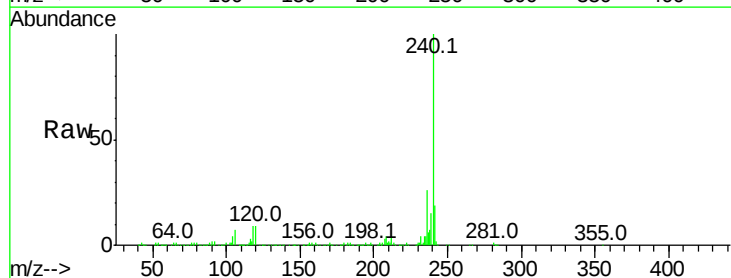
Instrument :
BNA_G
ClientSampleId :
PB103373BL

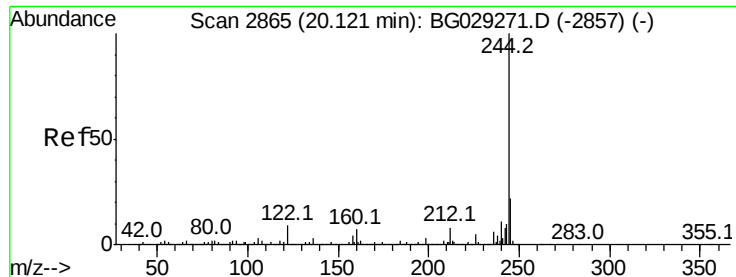
Tot Ion:188 Resp: 448983
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029311.D
Acq: 17 Oct 2017 21:31

Tgt Ion:240 Resp: 485919
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 52.679 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029311.D

Acq: 17 Oct 2017 21:31

Instrument :

BNA_G

ClientSampleId :

PB103373BL

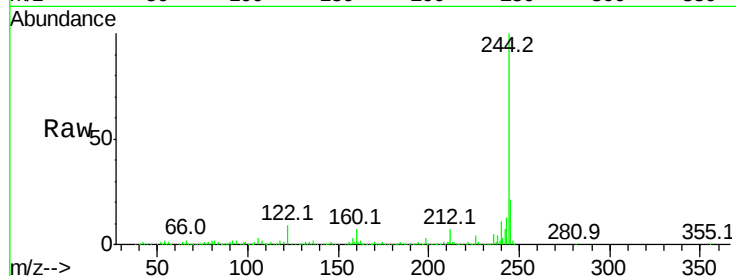
Tot Ion:244 Resp: 1125201

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

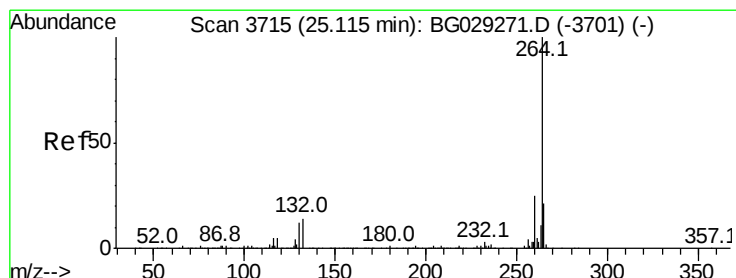
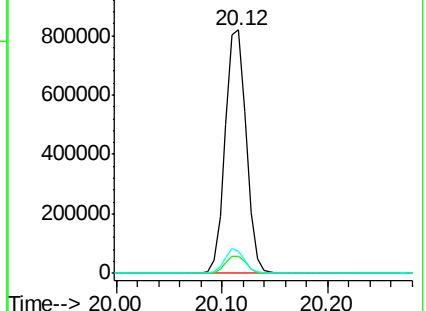
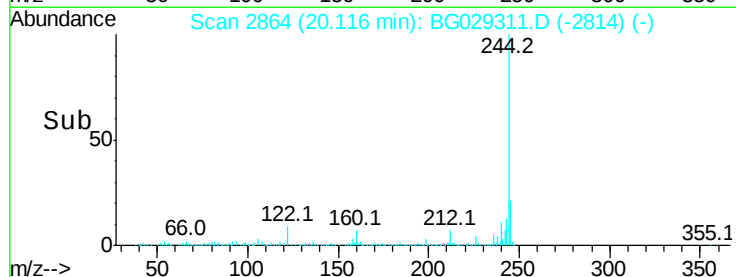
122 8.9 7.0 10.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG029311.D

Acq: 17 Oct 2017 21:31

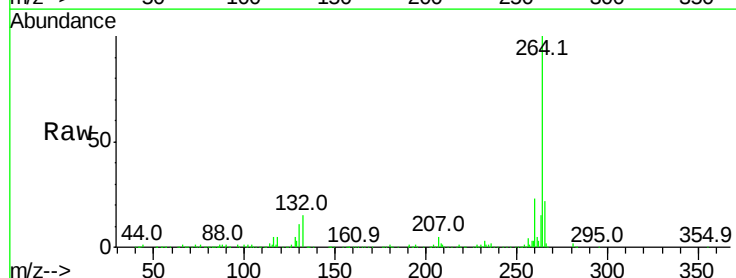
Tgt Ion:264 Resp: 477492

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.5 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

