

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029329.D
 Acq On : 18 Oct 2017 11:52
 Operator : SJ/JU
 Sample : I5883-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101217-TIFR-E-U-B

Quant Time: Oct 18 15:39:07 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	68996	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	335296	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	226874	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	517773	20.00	ng	0.00
75) Chrysene-d12	21.80	240	549277	20.00	ng	0.00
86) Perylene-d12	25.10	264	553408	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	197228	47.75	ng	0.00
7) Phenol-d6	7.32	99	186950	32.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	501933	95.13	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	238066	81.27	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1364684	88.22	ng	0.00
78) Terphenyl-d14	20.12	244	2120645	87.83	ng	0.00

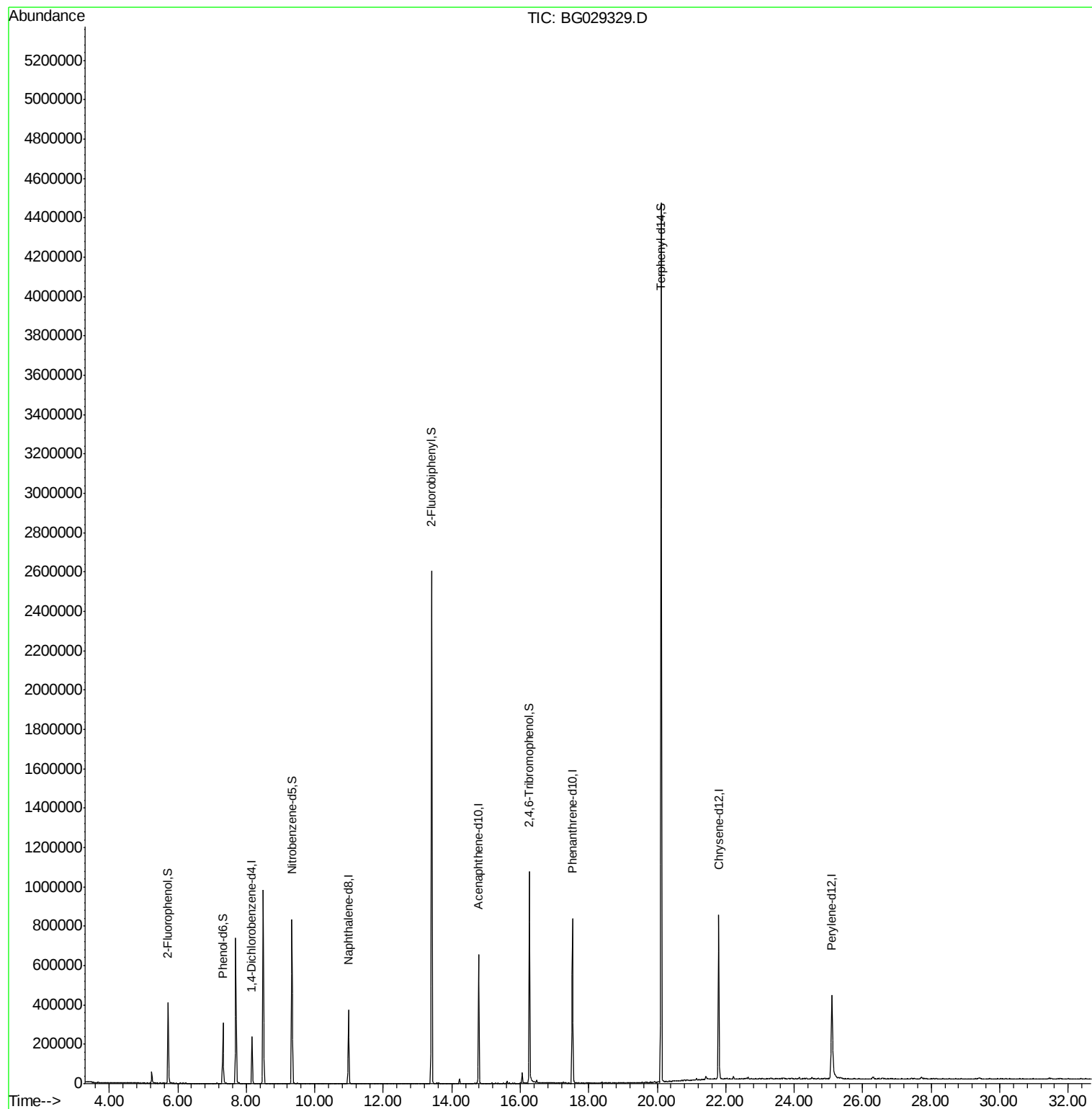
Target Compounds	Qvalue
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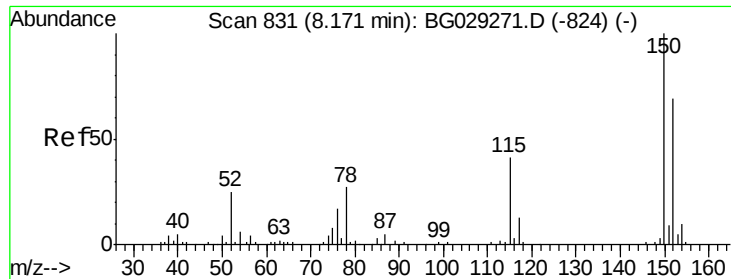
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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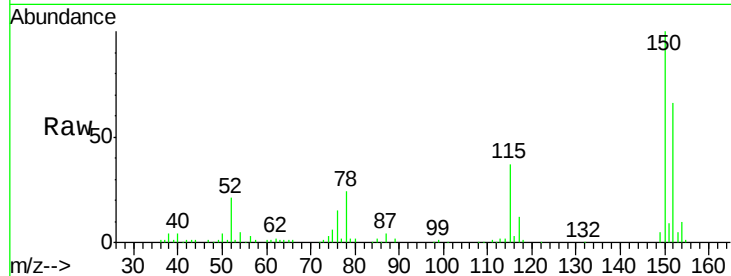


#1

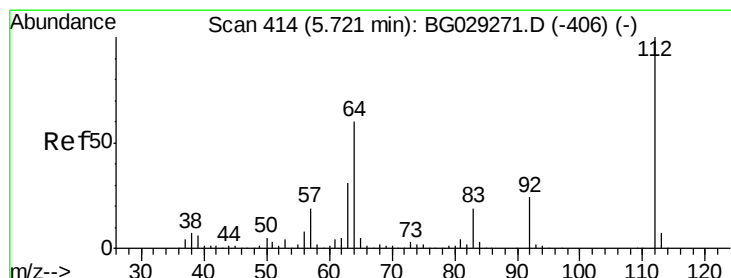
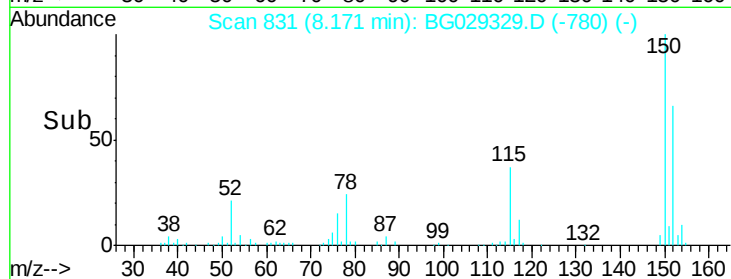
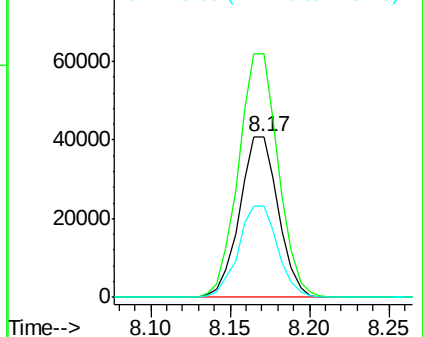
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029329.D
Acq: 18 Oct 2017 11:52

Instrument :
BNA_G
ClientSampleId :
101217-TIFR-E-U-B

Tgt Ion:152 Resp: 68996
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 56.6 53.0 79.4



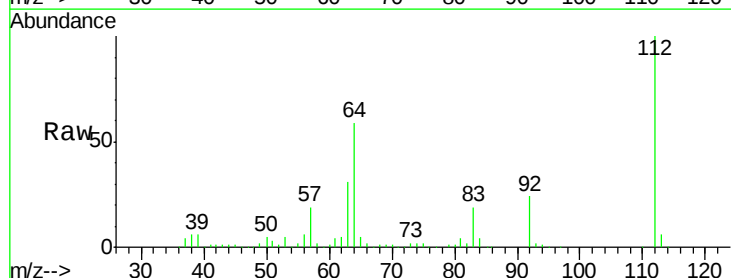
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



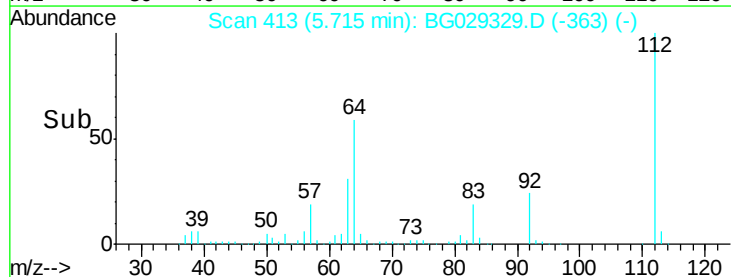
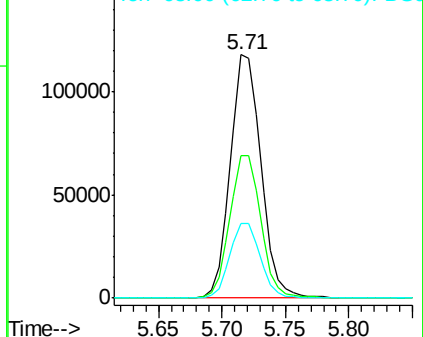
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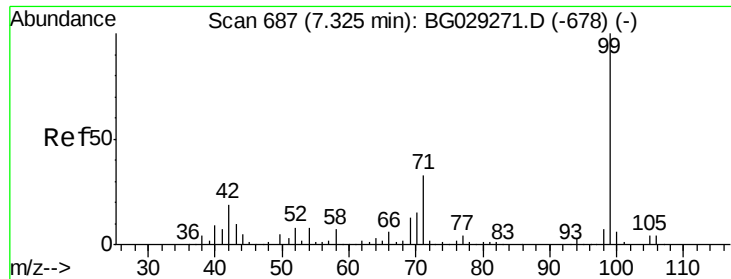
2-Fluorophenol
Concen: 47.753 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG029329.D
Acq: 18 Oct 2017 11:52

Tgt Ion:112 Resp: 197228
Ion Ratio Lower Upper
112 100
64 58.7 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: 32.248 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029329.D

Acq: 18 Oct 2017 11:52

Instrument :

BNA_G

ClientSampleId :

101217-TIFR-E-U-B

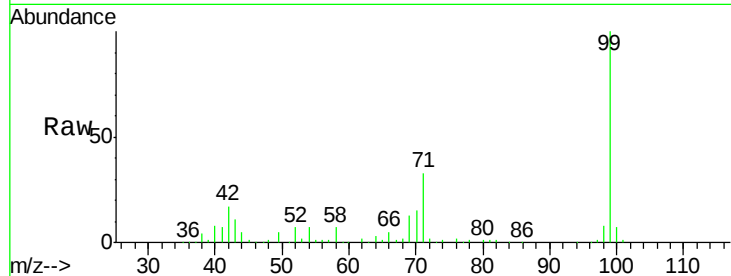
Tgt Ion: 99 Resp: 186950

Ion Ratio Lower Upper

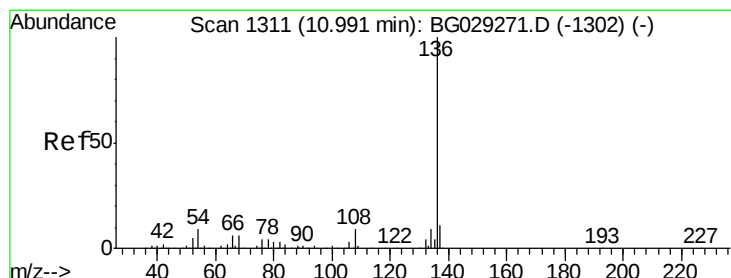
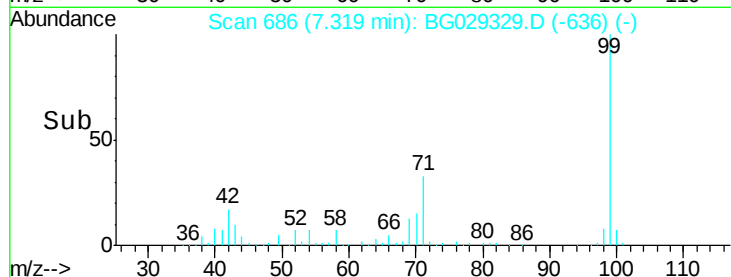
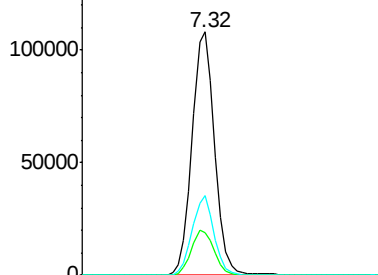
99 100

42 17.3 14.1 21.1

71 32.8 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: BG029329.D

Acq: 18 Oct 2017 11:52

Tgt Ion: 136 Resp: 335296

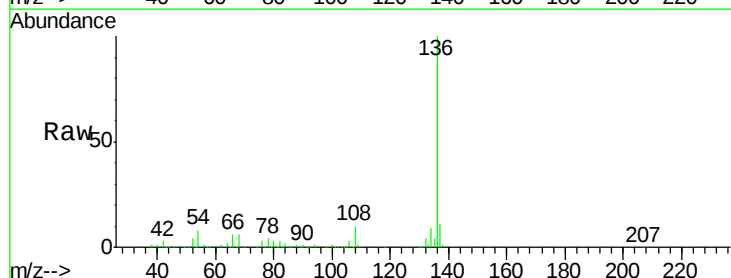
Ion Ratio Lower Upper

136 100

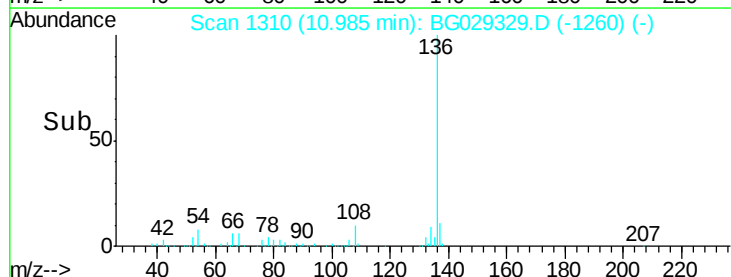
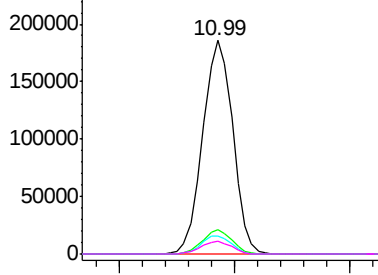
137 11.4 9.2 13.8

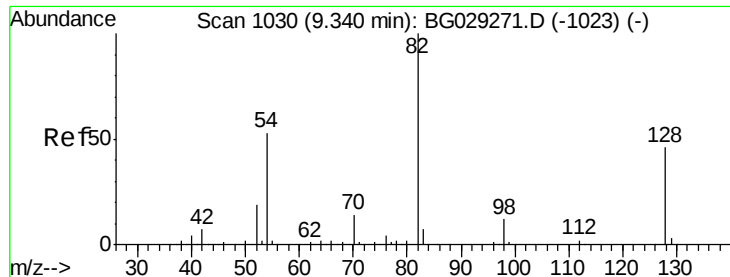
54 8.3 10.3 15.5#

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

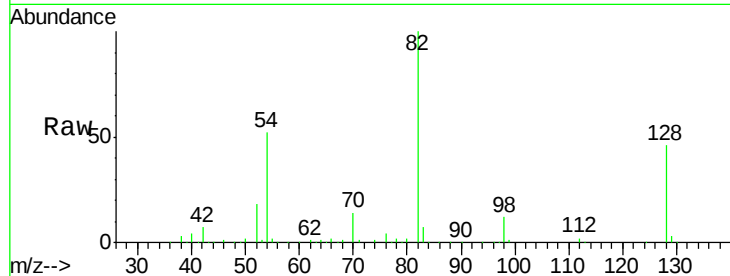




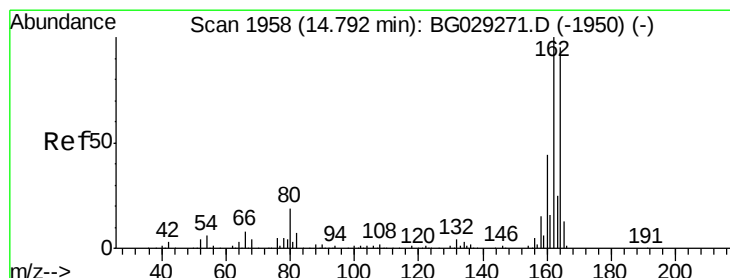
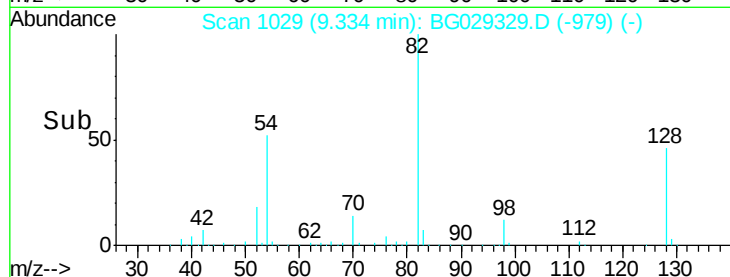
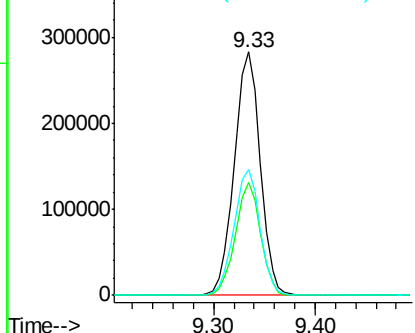
#23
 Nitrobenzene-d5
 Concen: 95.129 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029329.D
 Acq: 18 Oct 2017 11:52

Instrument :
 BNA_G
 ClientSampleId :
 101217-TIFR-E-U-B

Tgt Ion: 82 Resp: 501933
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 51.9 43.1 64.7

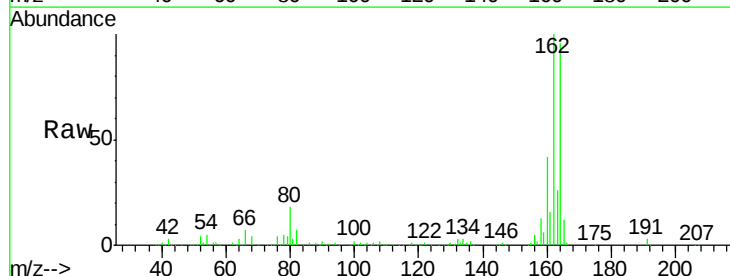


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

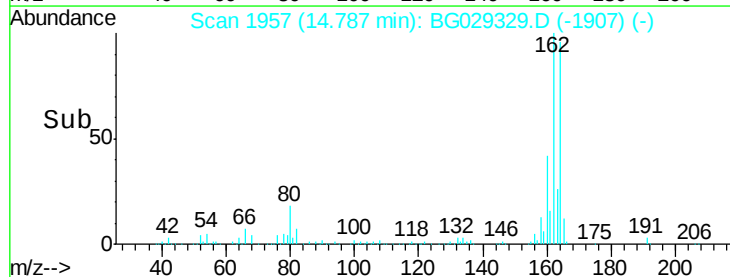
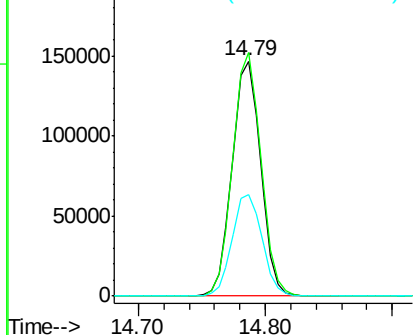


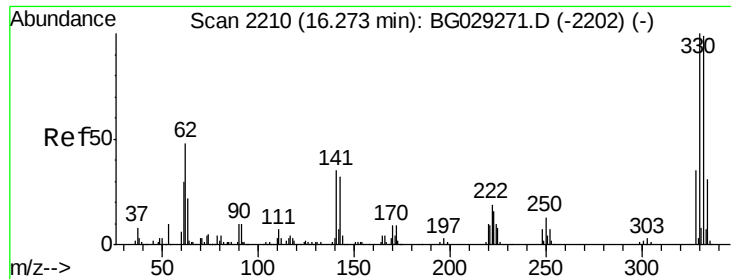
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029329.D
 Acq: 18 Oct 2017 11:52

Tgt Ion: 164 Resp: 226874
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 43.4 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

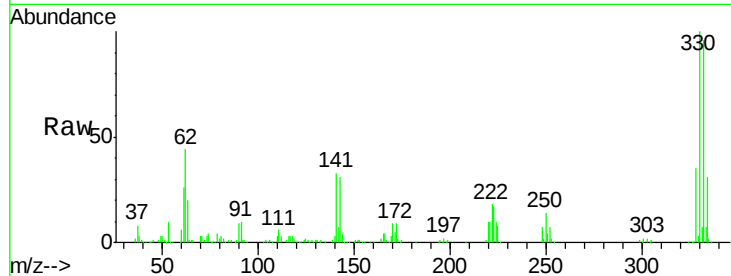




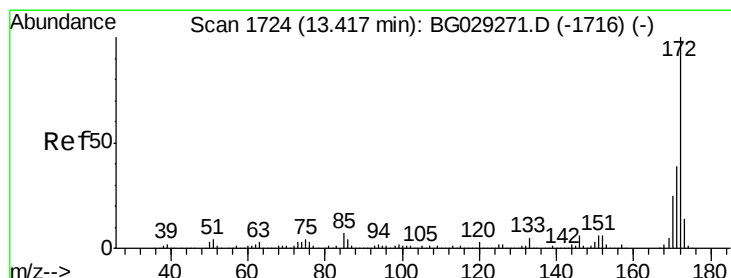
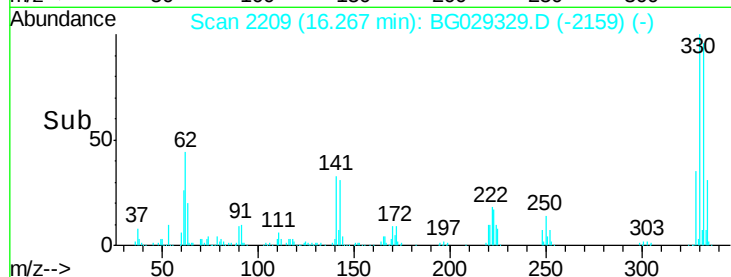
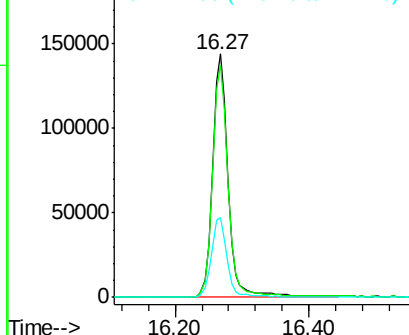
#41
 2,4,6-Tribromophenol
 Concen: 81.274 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029329.D
 Acq: 18 Oct 2017 11:52

Instrument :
 BNA_G
 ClientSampleId :
 101217-TIFR-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.1	25.2	37.8

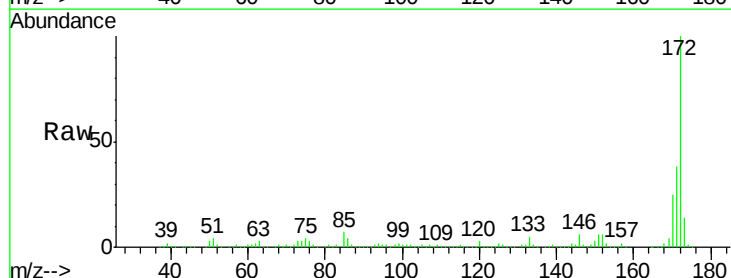


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

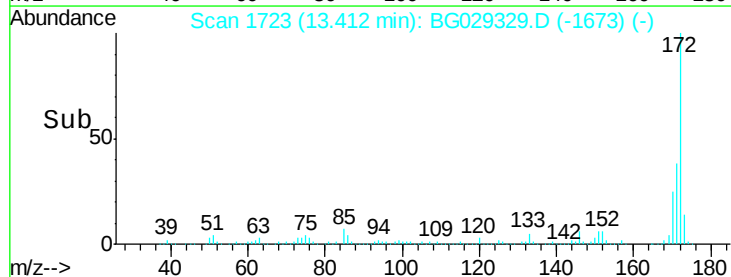
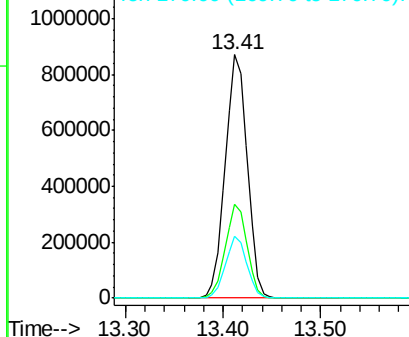


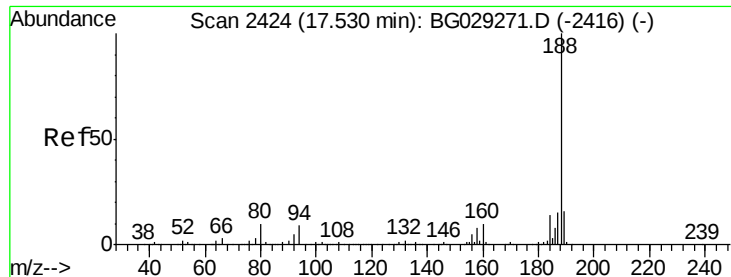
#44
 2-Fluorobiphenyl
 Concen: 88.222 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029329.D
 Acq: 18 Oct 2017 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.5	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

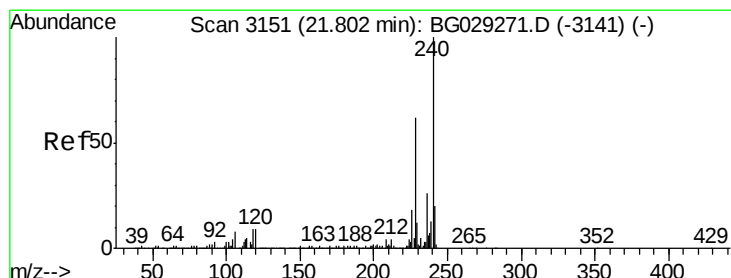
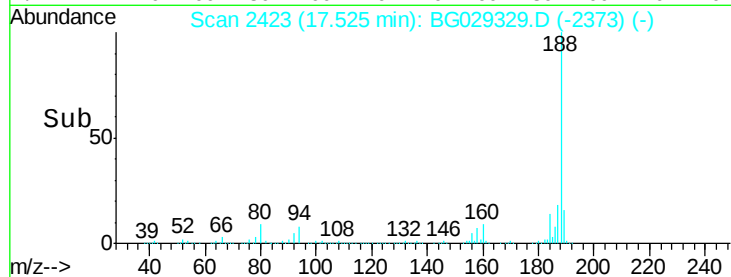
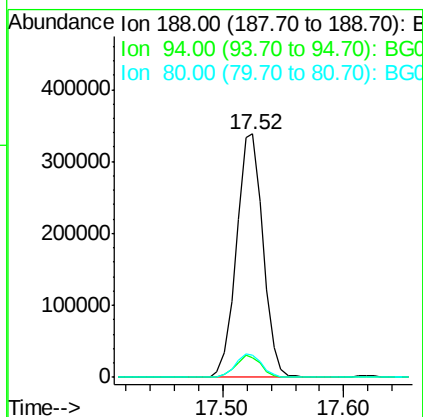
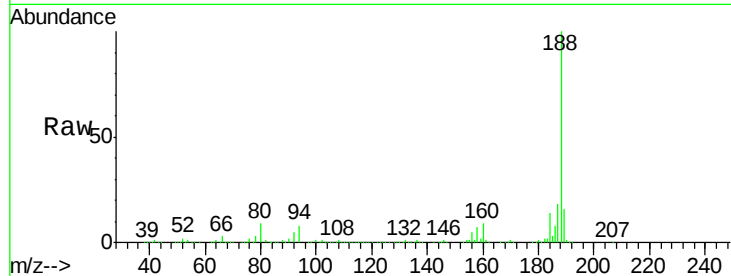




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029329.D
Acq: 18 Oct 2017 11:52

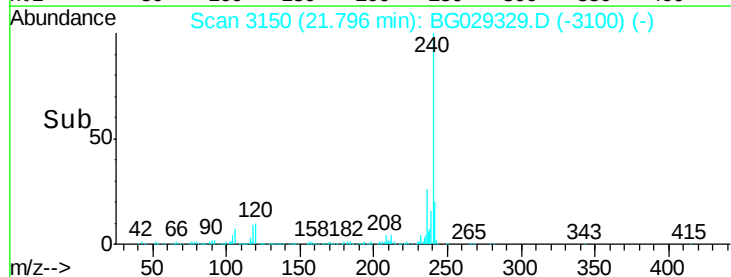
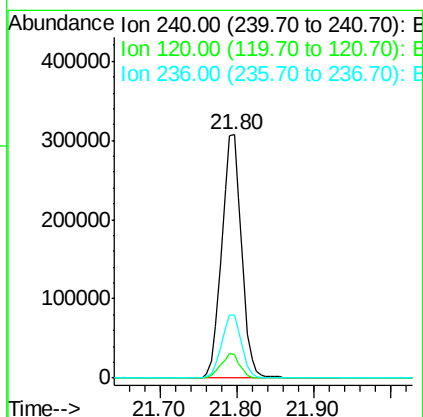
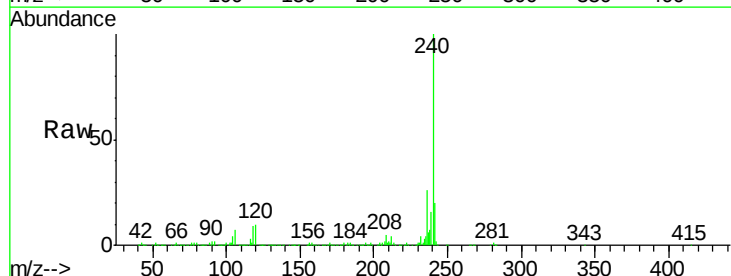
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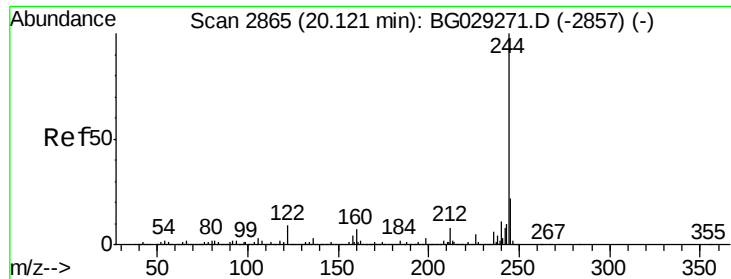
Tgt Ion:188 Resp: 517773
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029329.D
Acq: 18 Oct 2017 11:52

Tgt Ion:240 Resp: 549277
Ion Ratio Lower Upper
240 100
120 9.6 6.8 10.2
236 25.8 20.9 31.3

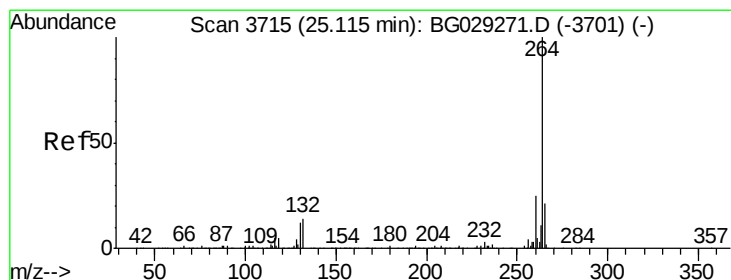
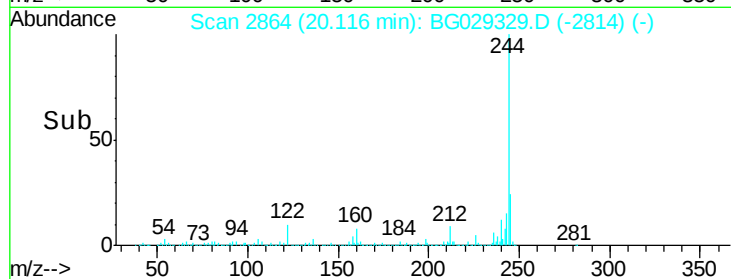
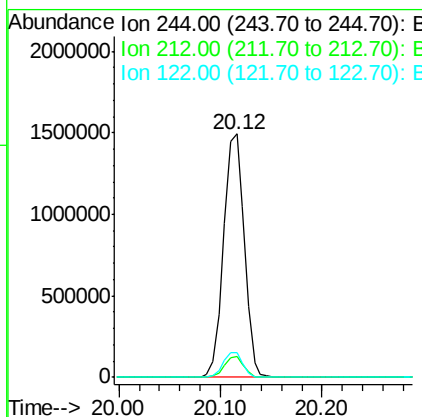
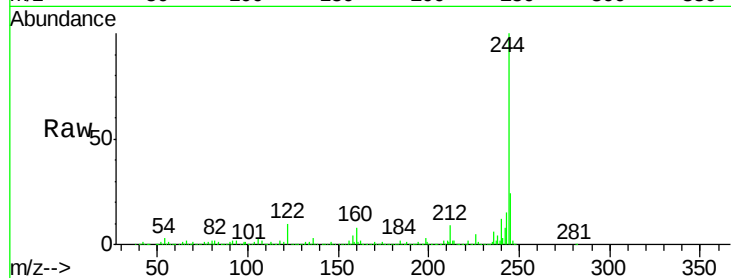




#78
 Terphenyl-d14
 Concen: 87.830 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG029329.D
 Acq: 18 Oct 2017 11:52

Instrument :
 BNA_G
 ClientSampleId :
 101217-TIFR-E-U-B

Tgt Ion:244 Resp: 2120645
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 10.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG029329.D
 Acq: 18 Oct 2017 11:52

Tgt Ion:264 Resp: 553408
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 21.6 17.7 26.5

