

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029331.D
 Acq On : 18 Oct 2017 13:10
 Operator : SJ/JU
 Sample : I5883-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 18 15:39:35 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	74535	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	360201	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	240444	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	542517	20.00	ng	0.00
75) Chrysene-d12	21.79	240	567053	20.00	ng	-0.01
86) Perylene-d12	25.10	264	569608	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	180684	40.50	ng	0.00
7) Phenol-d6	7.32	99	171779	27.43	ng	0.00
23) Nitrobenzene-d5	9.33	82	485613	85.67	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	225087	72.51	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1325628	80.86	ng	0.00
78) Terphenyl-d14	20.12	244	1896911	76.10	ng	0.00

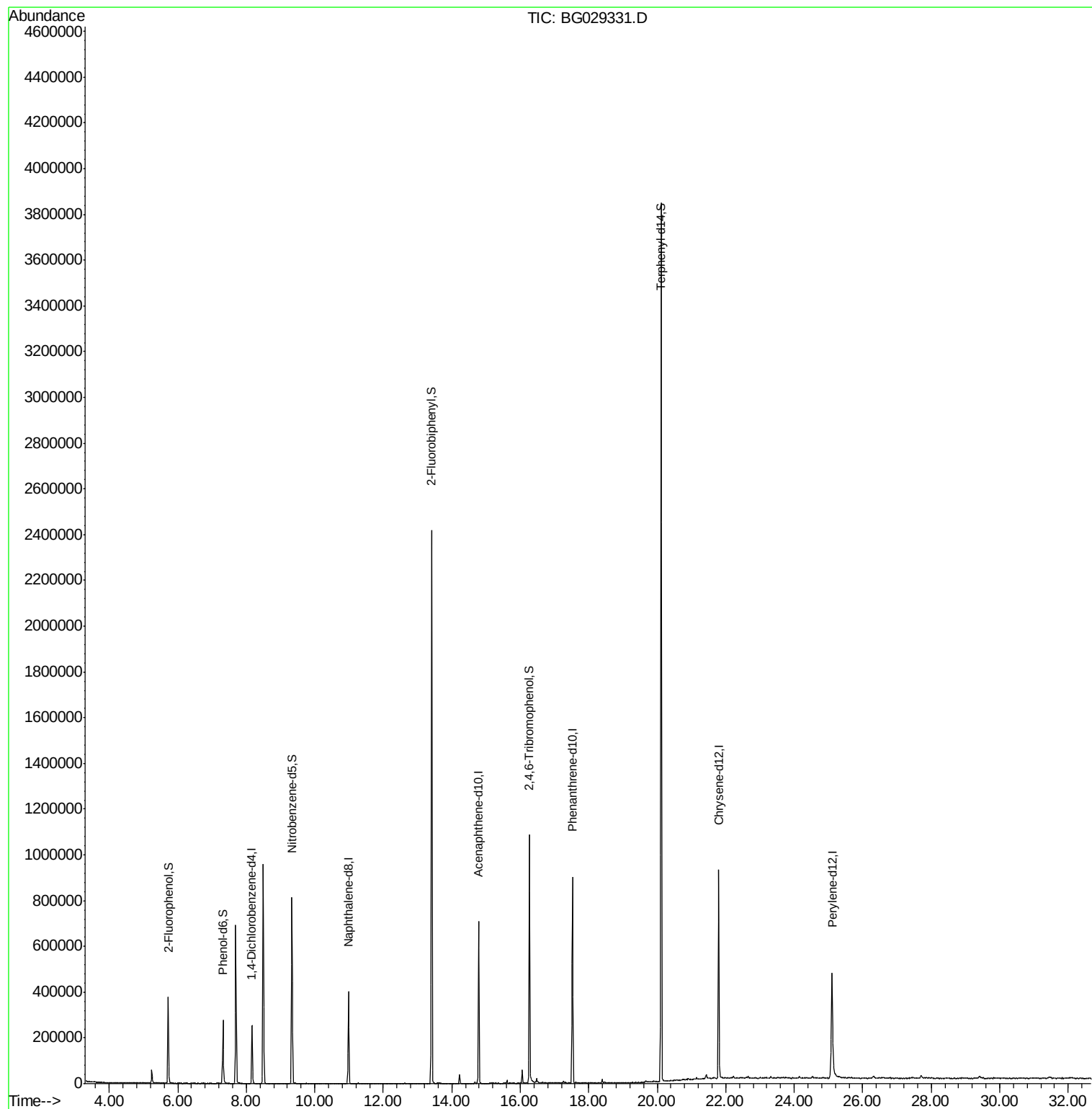
Target Compounds	Qvalue
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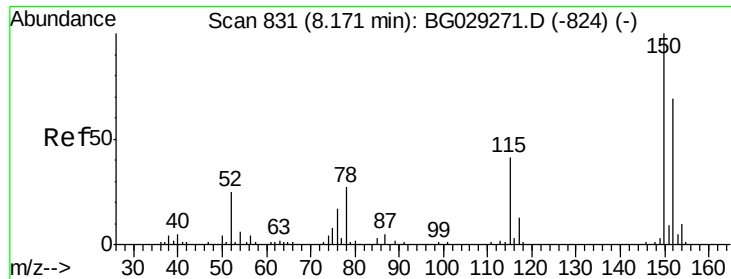
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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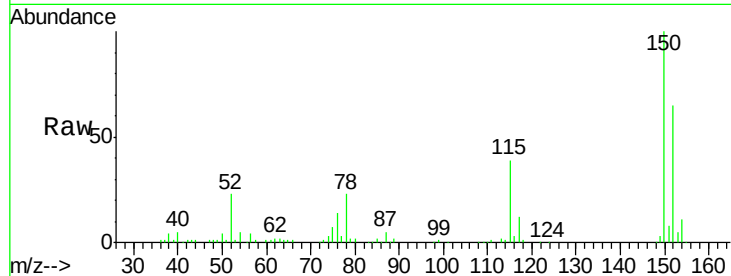




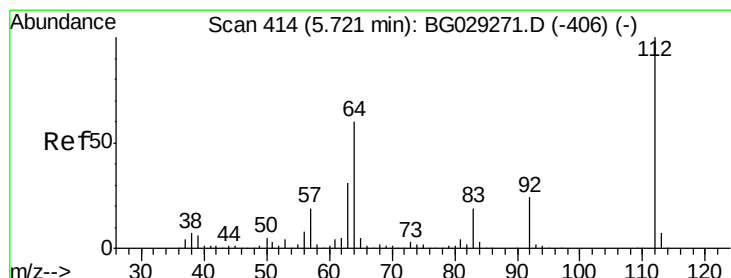
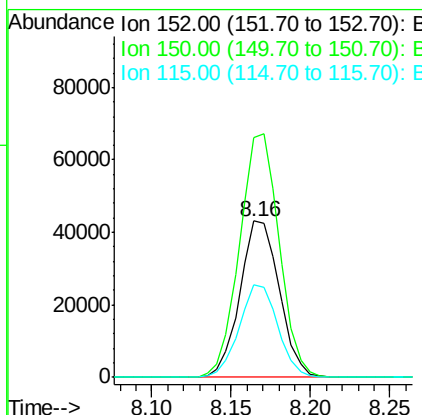
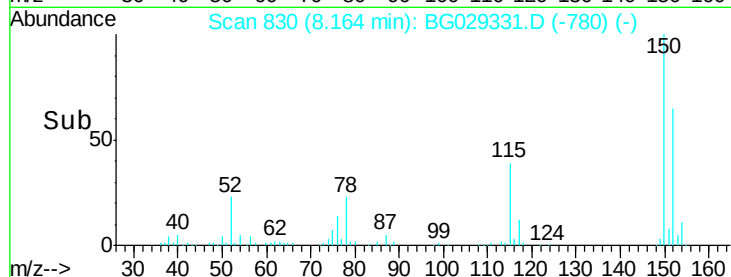
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG029331.D
 Acq: 18 Oct 2017 13:10

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

Tgt Ion:152 Resp: 74535
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.6 189.8
 115 59.2 53.0 79.4

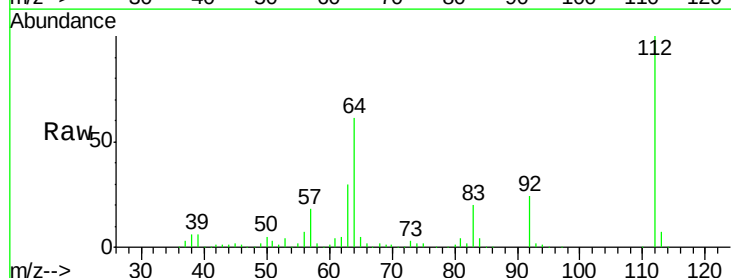


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

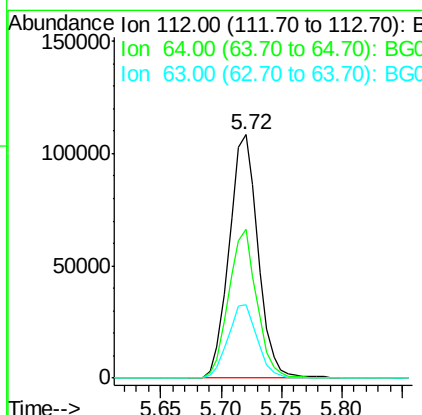
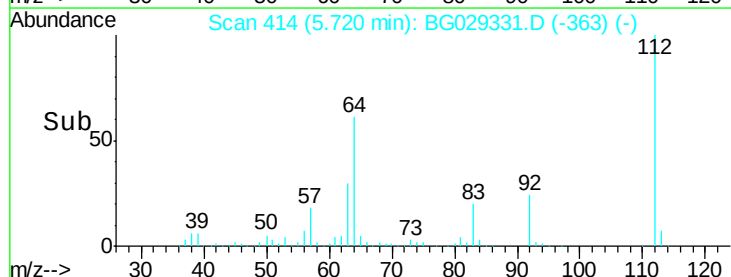


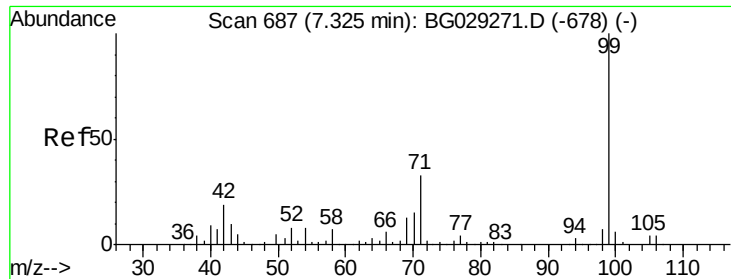
#5
 2-Fluorophenol
 Concen: 40.497 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG029331.D
 Acq: 18 Oct 2017 13:10

Tgt Ion:112 Resp: 180684
 Ion Ratio Lower Upper
 112 100
 64 61.0 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: 27.429 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029331.D

Acq: 18 Oct 2017 13:10

Instrument :

BNA_G

ClientSampleId :

101217-TIFR-E-U-S

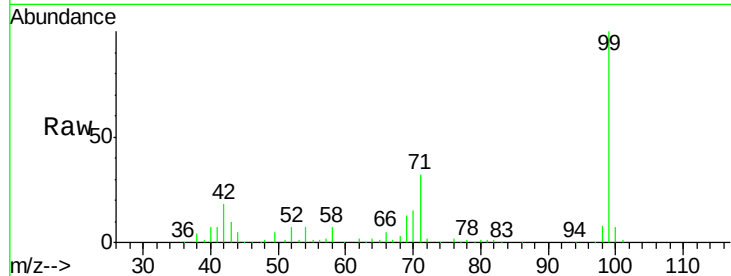
Tgt Ion: 99 Resp: 171779

Ion Ratio Lower Upper

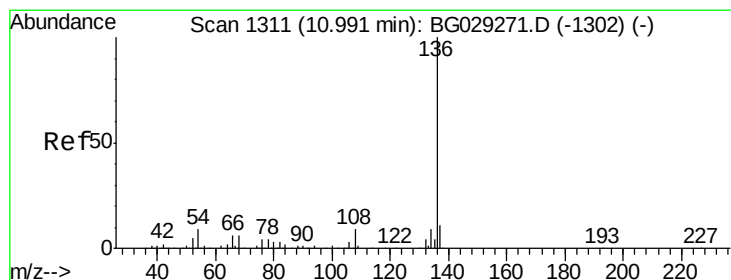
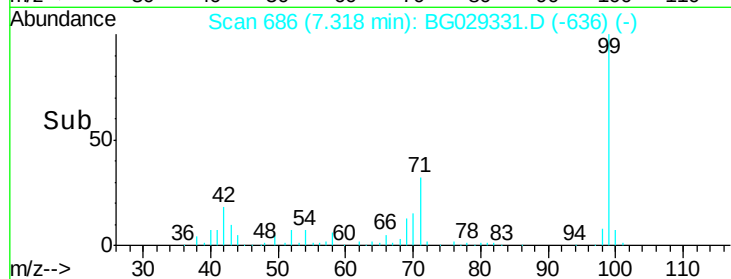
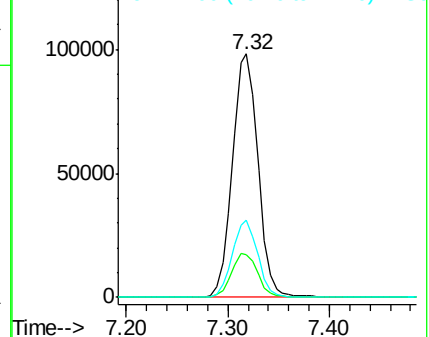
99 100

42 17.8 14.1 21.1

71 31.7 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: BG029331.D

Acq: 18 Oct 2017 13:10

Tgt Ion: 136 Resp: 360201

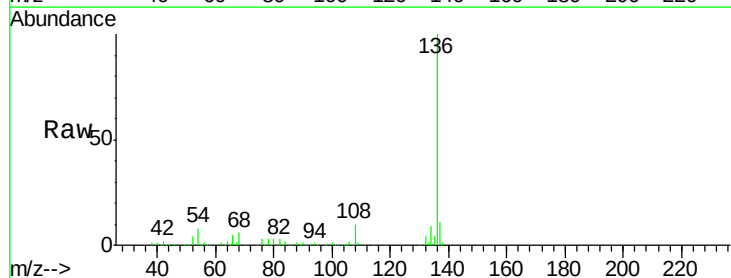
Ion Ratio Lower Upper

136 100

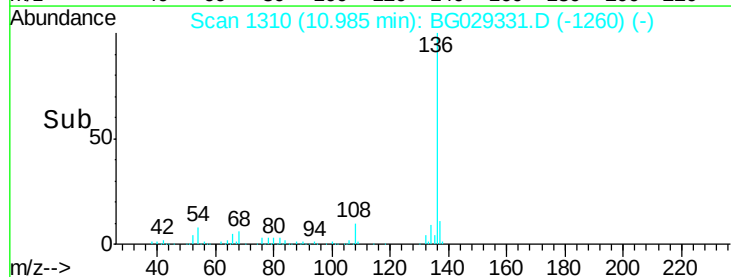
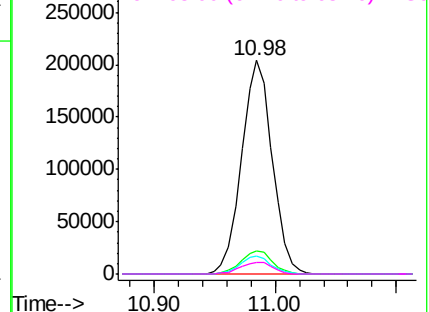
137 10.6 9.2 13.8

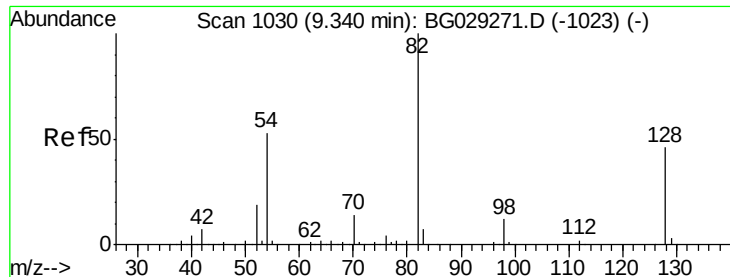
54 8.4 10.3 15.5#

68 5.6 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

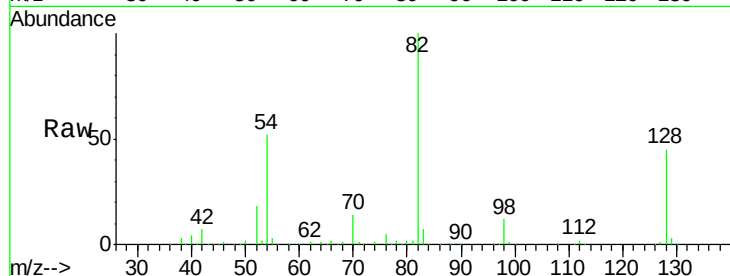




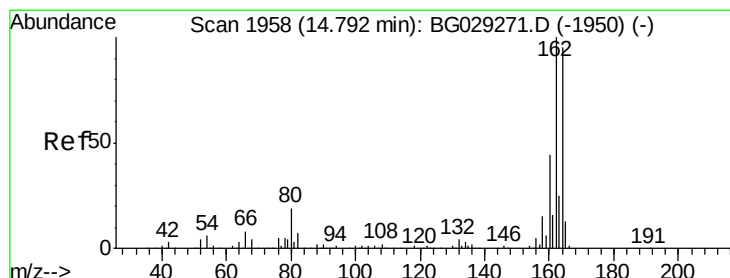
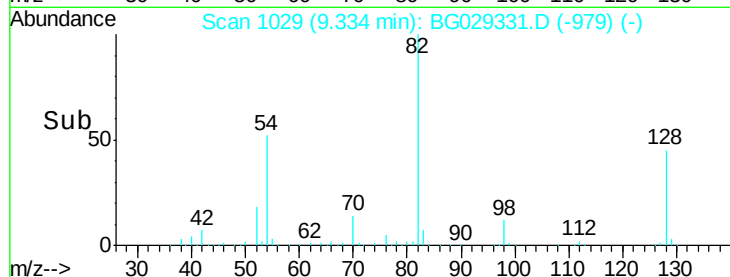
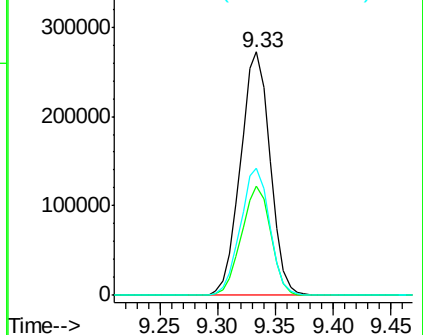
#23
Nitrobenzene-d5
Concen: 85.673 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029331.D
Acq: 18 Oct 2017 13:10

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

Tgt Ion: 82 Resp: 485613
Ion Ratio Lower Upper
82 100
128 45.0 29.7 44.5#
54 52.4 43.1 64.7

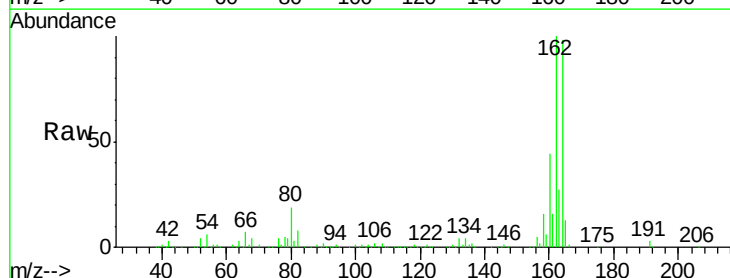


Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

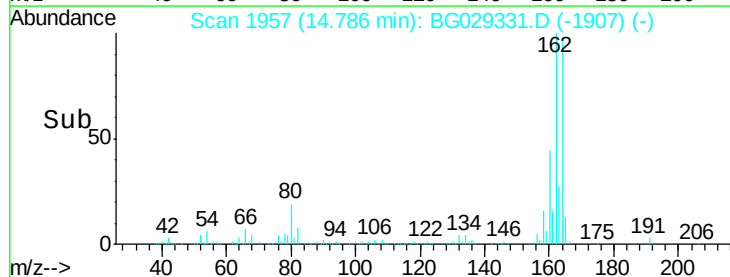
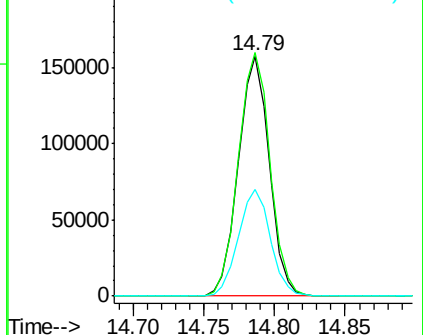


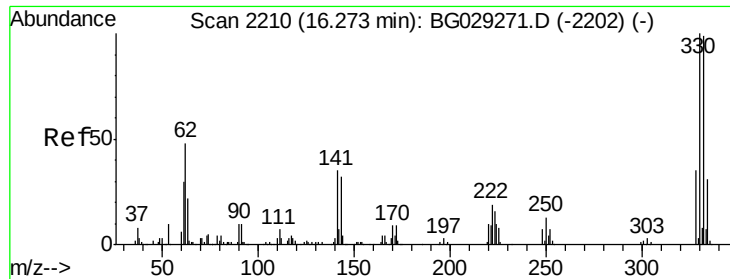
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029331.D
Acq: 18 Oct 2017 13:10

Tgt Ion: 164 Resp: 240444
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 44.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

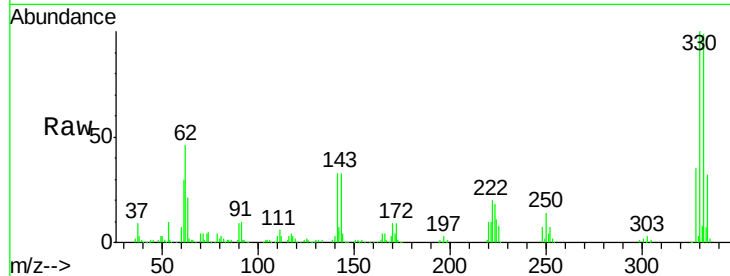




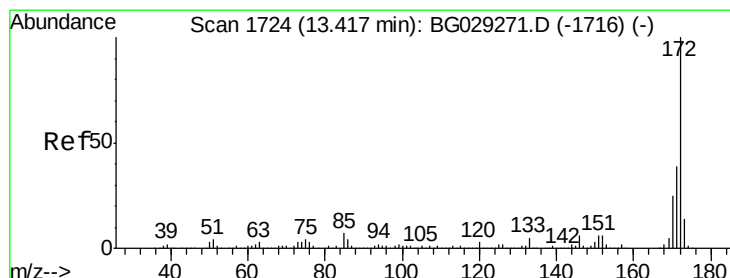
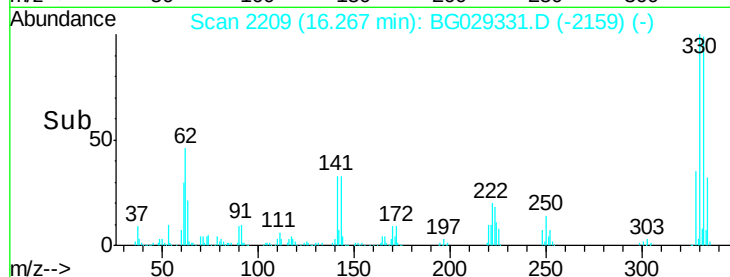
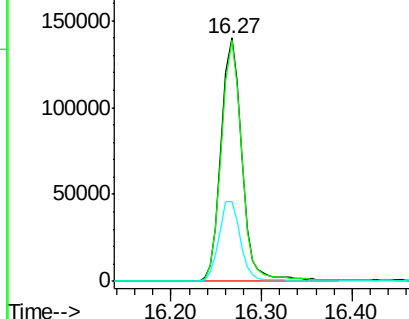
#41
 2,4,6-Tribromophenol
 Concen: 72.506 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029331.D
 Acq: 18 Oct 2017 13:10

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

Tgt Ion:330 Resp: 225087
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 33.9 25.2 37.8

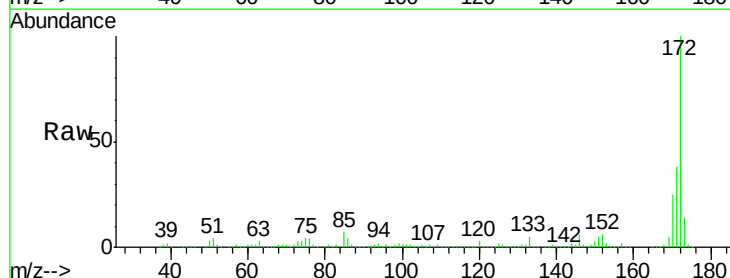


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

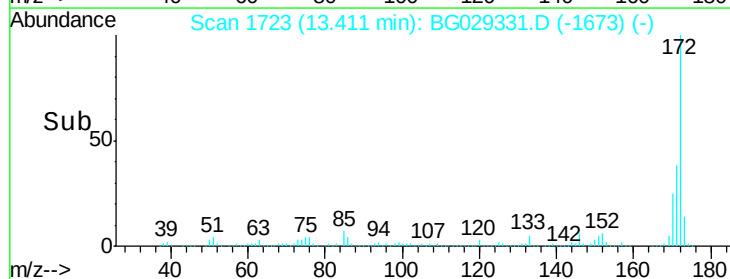
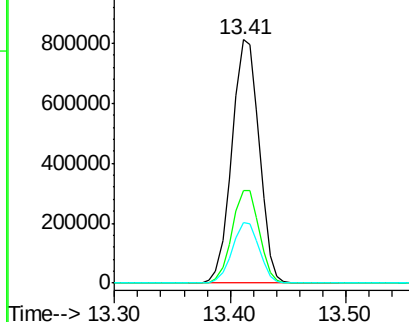


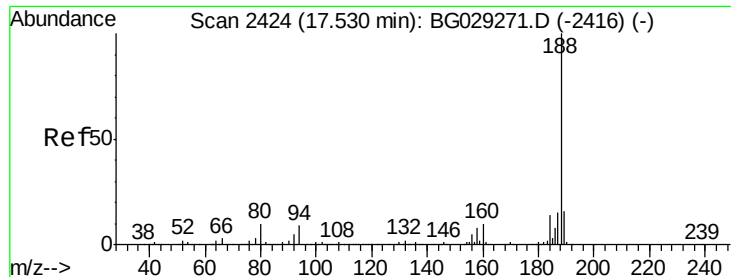
#44
 2-Fluorobiphenyl
 Concen: 80.860 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029331.D
 Acq: 18 Oct 2017 13:10

Tgt Ion:172 Resp: 1325628
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.9 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

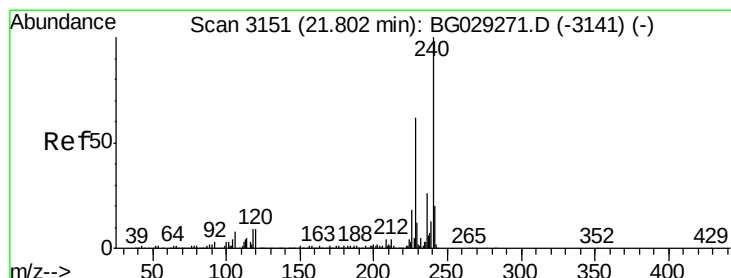
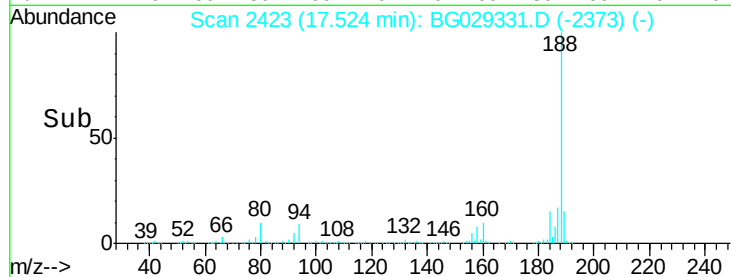
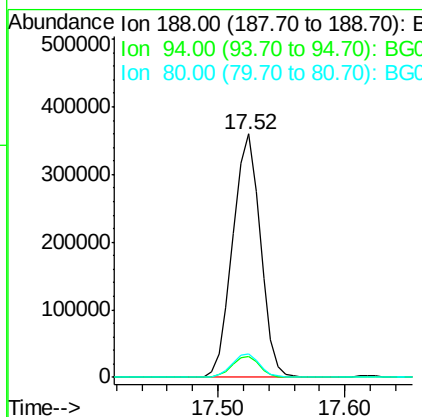
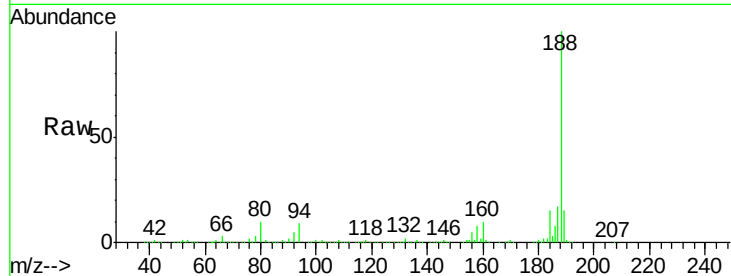




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029331.D
Acq: 18 Oct 2017 13:10

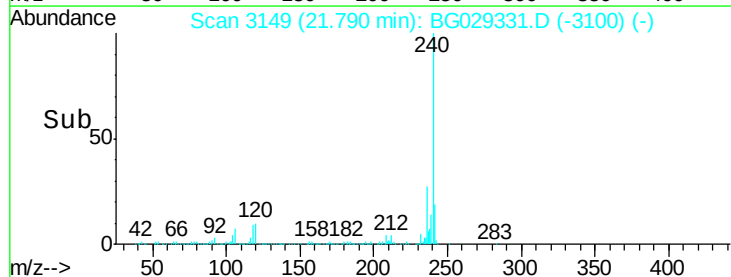
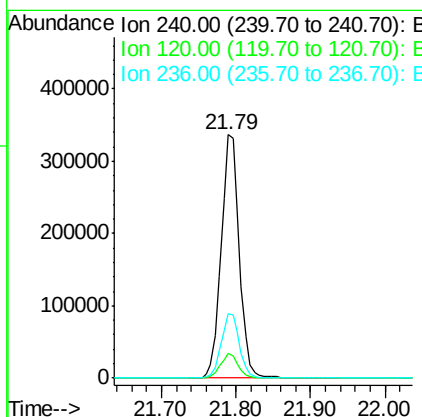
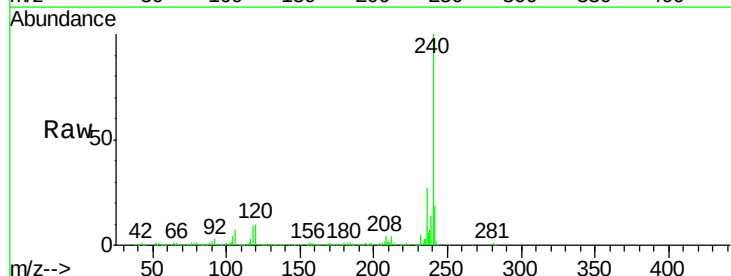
Instrument :
BNA_G
ClientSampleId :
101217-TIFR-E-U-S

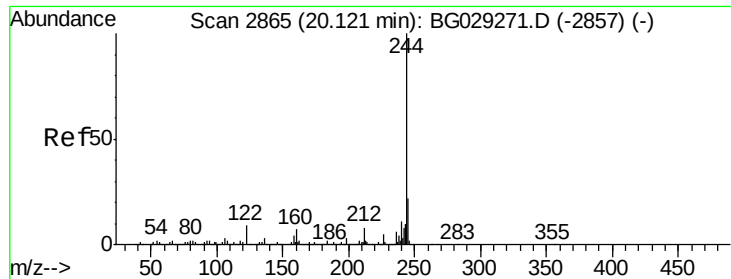
Tgt Ion:188 Resp: 542517
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029331.D
Acq: 18 Oct 2017 13:10

Tgt Ion:240 Resp: 567053
Ion Ratio Lower Upper
240 100
120 10.0 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 76.101 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029331.D

Acq: 18 Oct 2017 13:10

Instrument :

BNA_G

ClientSampleId :

101217-TIFR-E-U-S

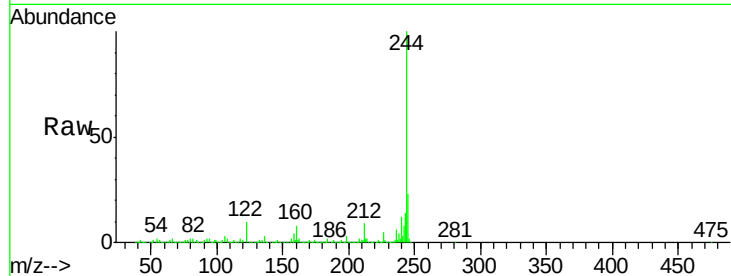
Tgt Ion:244 Resp: 1896911

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

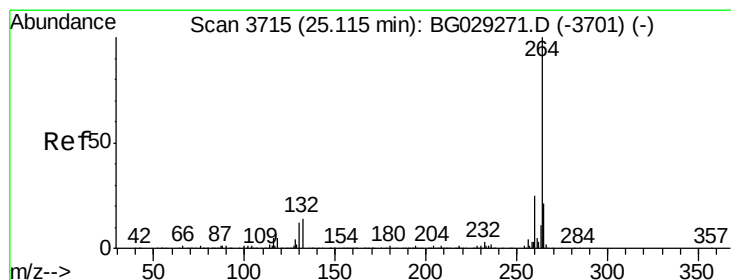
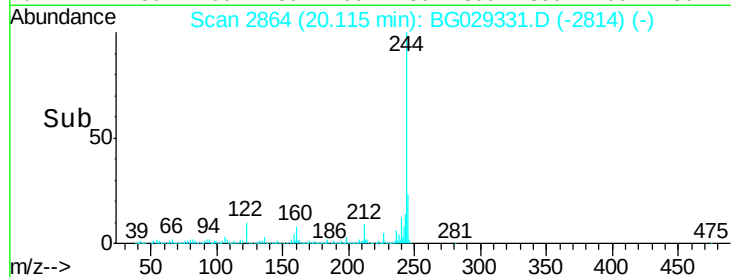
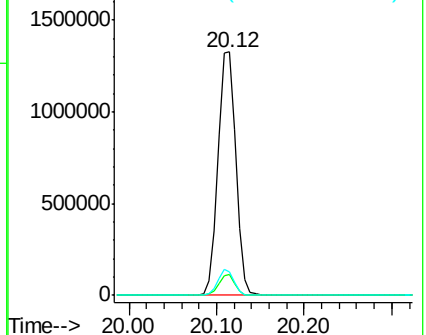
122 9.7 7.0 10.4



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: BG029331.D

Acq: 18 Oct 2017 13:10

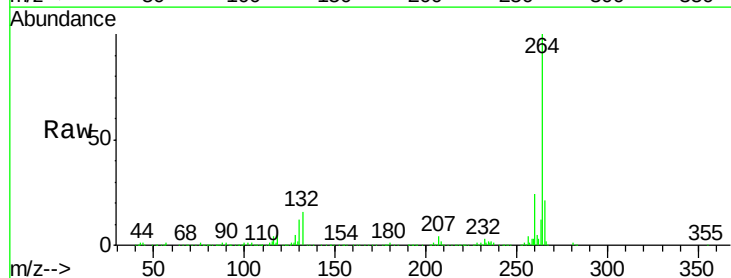
Tgt Ion:264 Resp: 569608

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.9 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

