

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031711.D
 Acq On : 22 Dec 2017 15:01
 Operator : SJ/JU
 Sample : I6971-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121517-TIFR-E-D-B

Quant Time: Dec 22 16:22:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	52970	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	222657	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	159488	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	423910	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	491339	20.00	ng	-0.02
86) Perylene-d12	26.34	264	524382	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	129384	44.49	ng	0.00
7) Phenol-d6	7.92	99	102227	27.07	ng	-0.01
23) Nitrobenzene-d5	10.03	82	263546	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	236159	97.04	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1012081	79.65	ng	-0.01
78) Terphenyl-d14	20.73	244	1799740	83.69	ng	-0.01

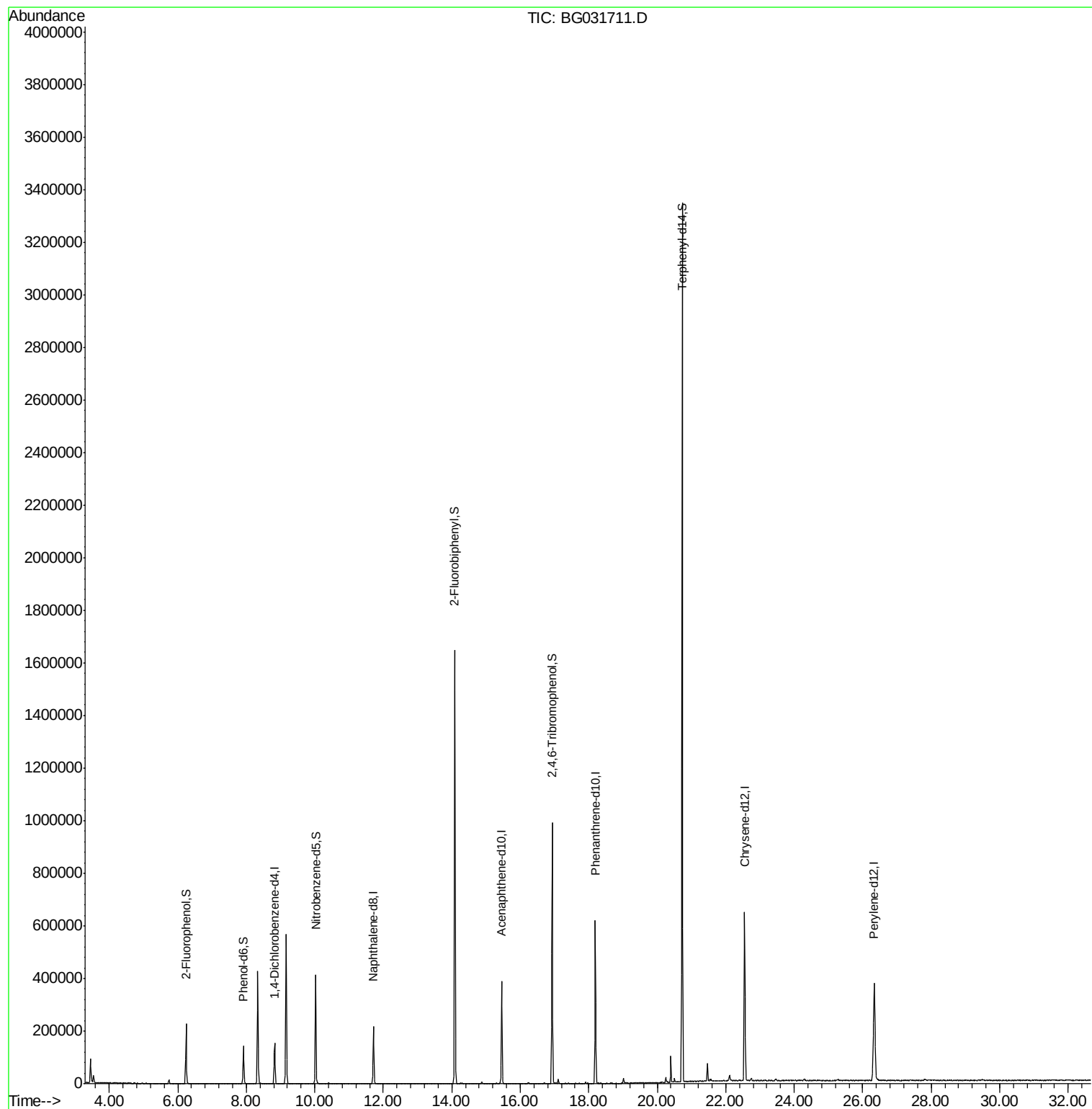
Target Compounds Qvalue

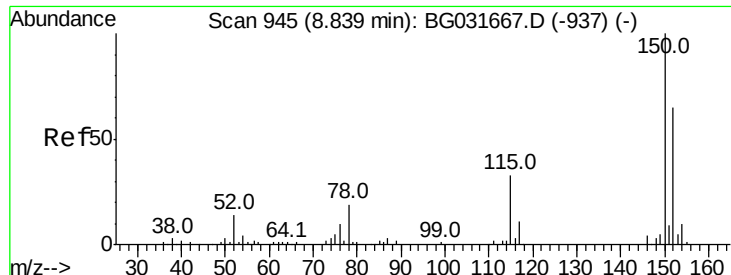
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

Instrument :

BNA_G

ClientSampleId :

121517-TIFR-E-D-B

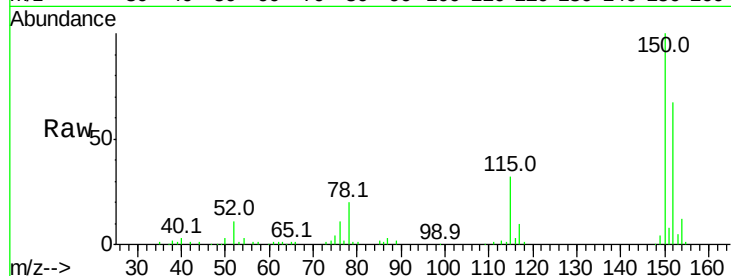
Tot Ion:152 Resp: 52970

Ion Ratio Lower Upper

152 100

150 150.1 126.6 189.8

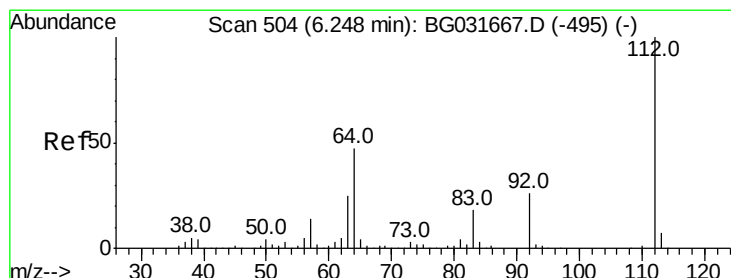
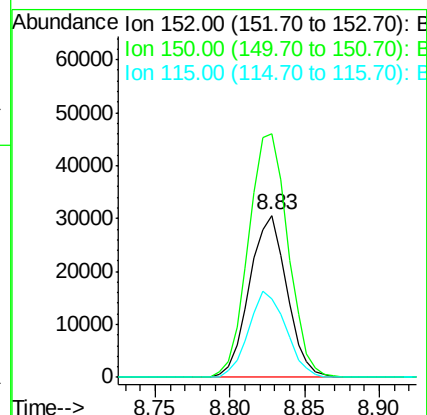
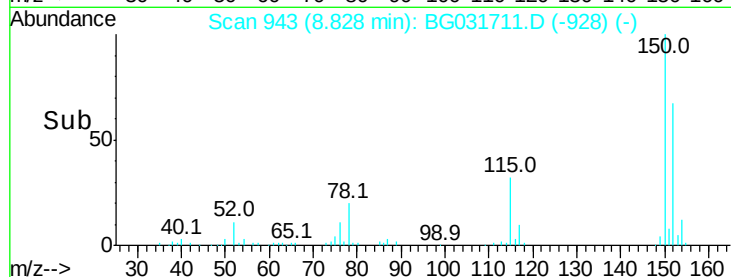
115 48.2 53.0 79.4#



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: 44.489 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

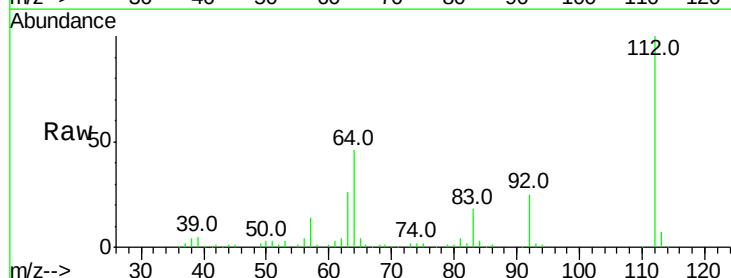
Tgt Ion:112 Resp: 129384

Ion Ratio Lower Upper

112 100

64 45.7 56.3 84.5#

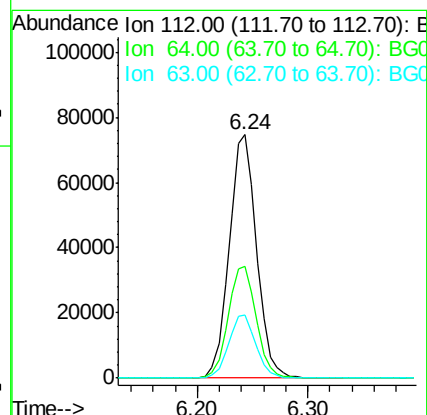
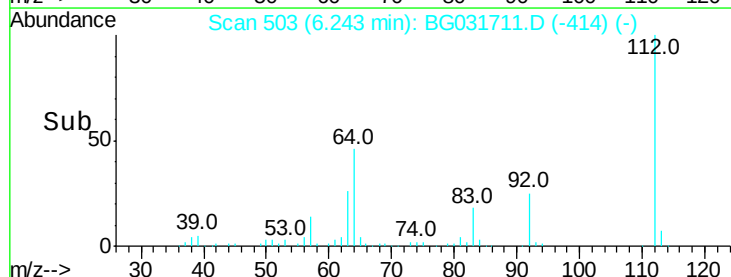
63 25.9 30.1 45.1#

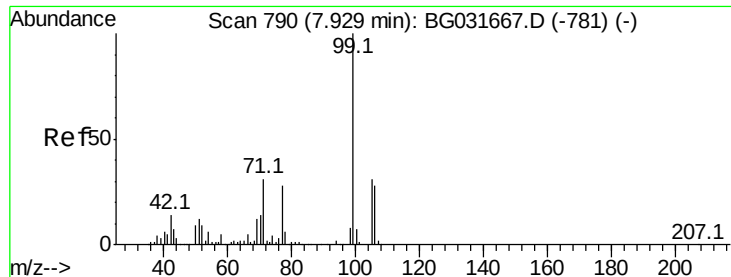


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 27.074 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

Instrument :

BNA_G

ClientSampleId :

121517-TIFR-E-D-B

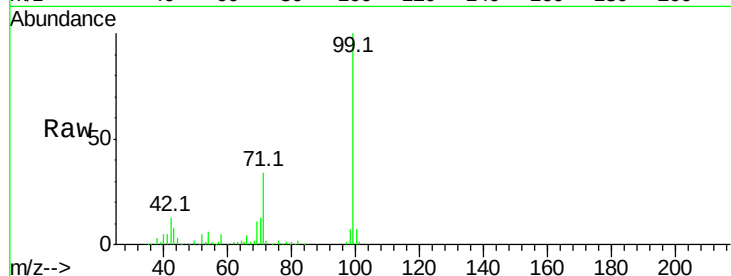
Tot Ion: 99 Resp: 102227

Ion Ratio Lower Upper

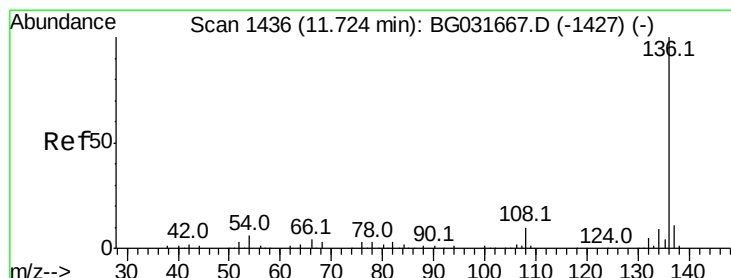
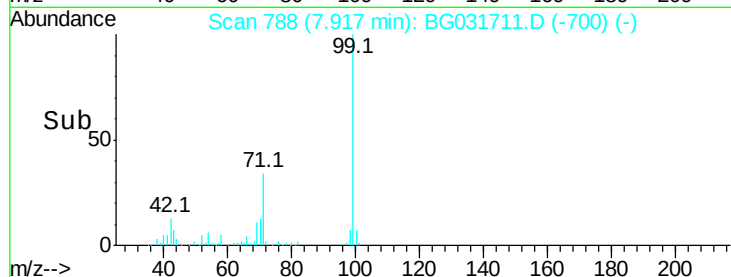
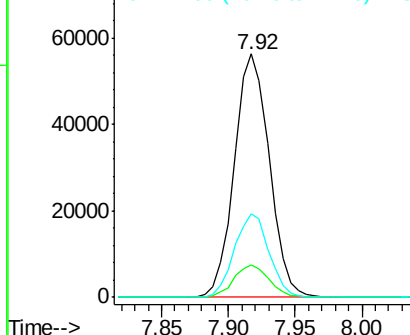
99 100

42 13.2 14.1 21.1#

71 34.2 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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

Tgt Ion: 136 Resp: 222657

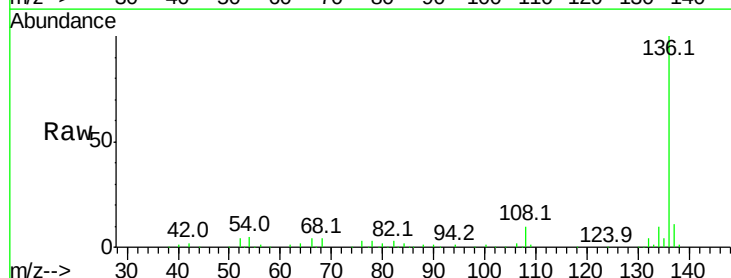
Ion Ratio Lower Upper

136 100

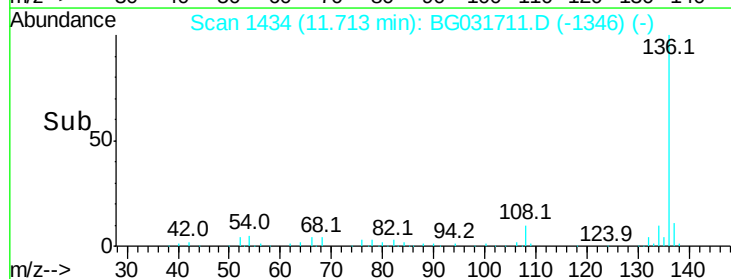
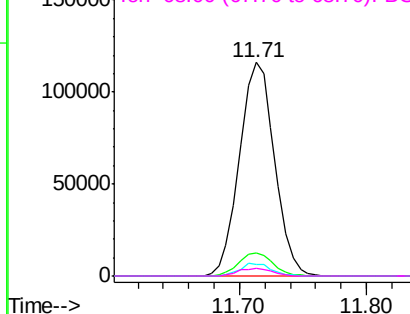
137 10.8 9.2 13.8

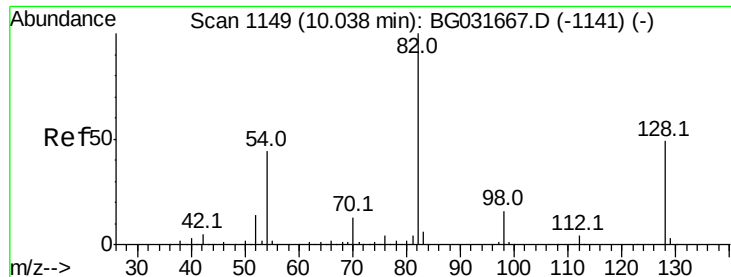
54 5.2 10.3 15.5#

68 3.6 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: 89.379 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

Instrument :

BNA_G

ClientSampleId :

121517-TIFR-E-D-B

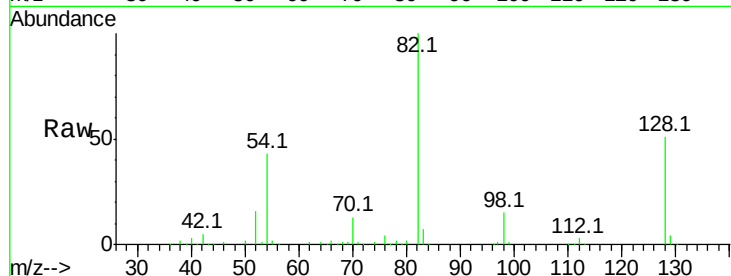
Tot Ion: 82 Resp: 263546

Ion Ratio Lower Upper

82 100

128 50.9 29.7 44.5#

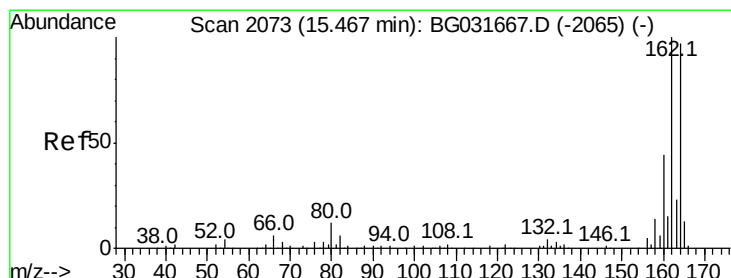
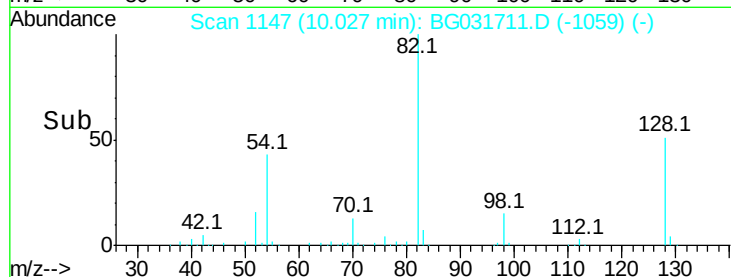
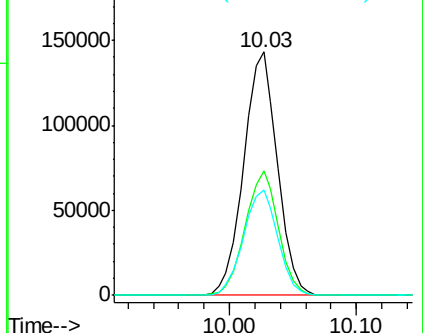
54 43.4 43.1 64.7



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: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

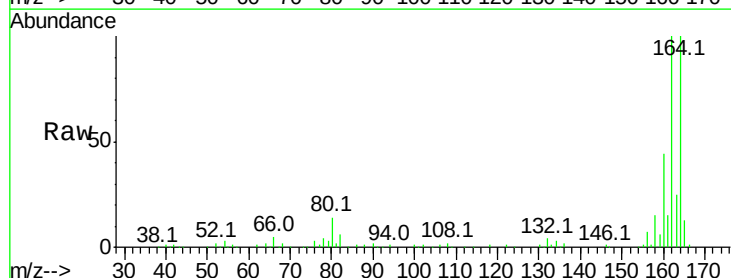
Tgt Ion:164 Resp: 159488

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

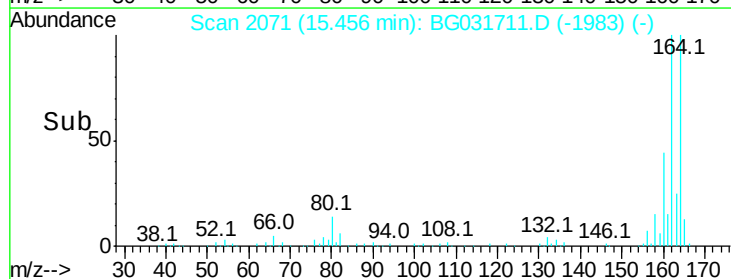
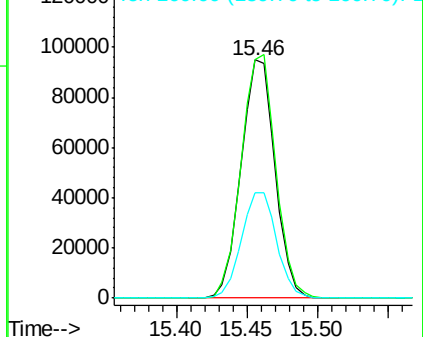
160 44.2 35.4 53.0

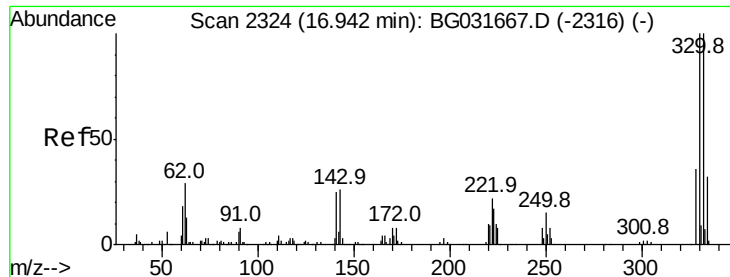


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

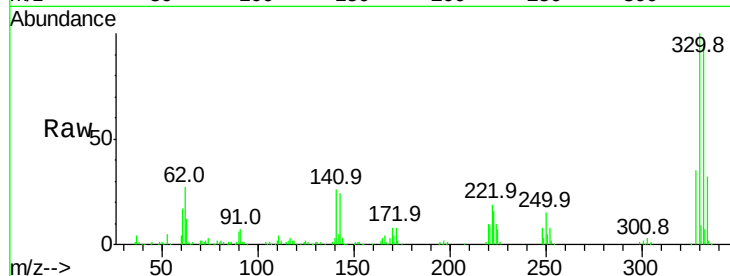




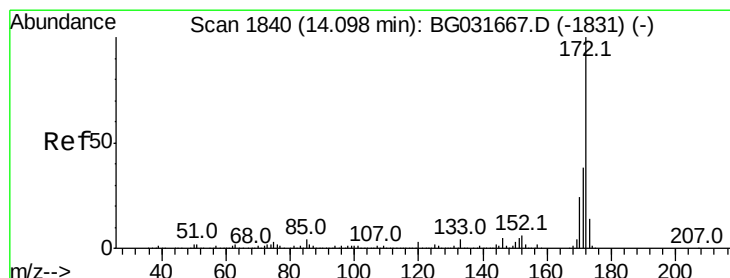
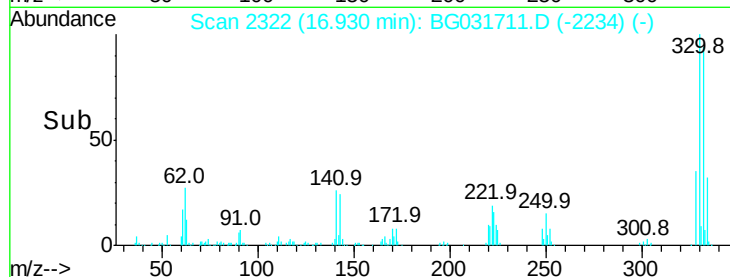
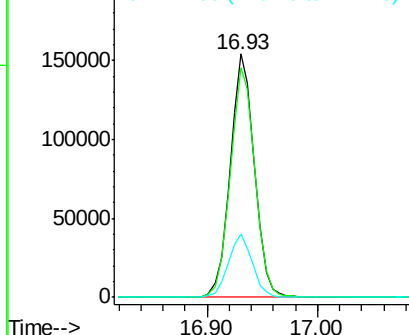
#41
 2,4,6-Tribromophenol
 Concen: 97.042 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031711.D
 Acq: 22 Dec 2017 15:01

Instrument :
 BNA_G
 ClientSampleId :
 121517-TIFR-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	25.8	25.2	37.8

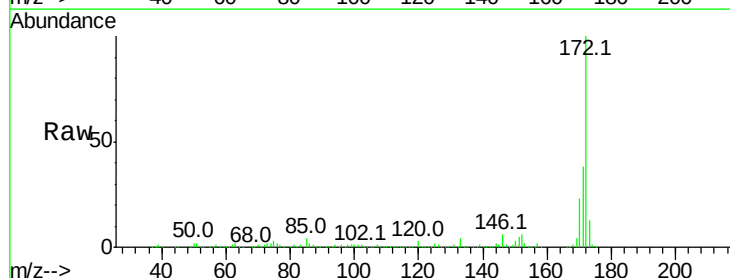


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

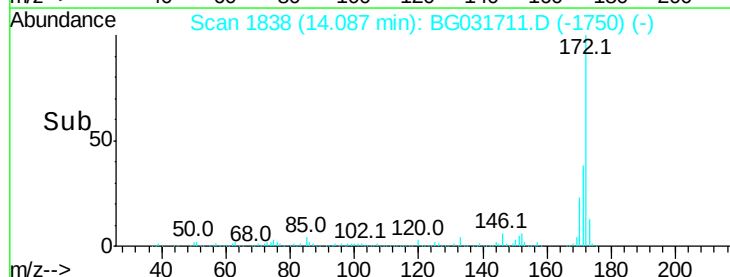
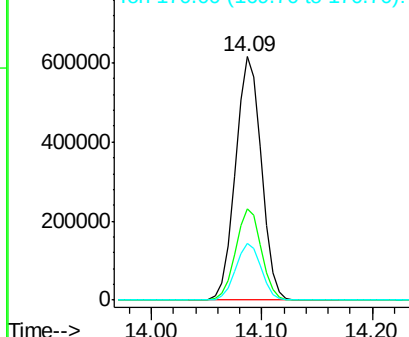


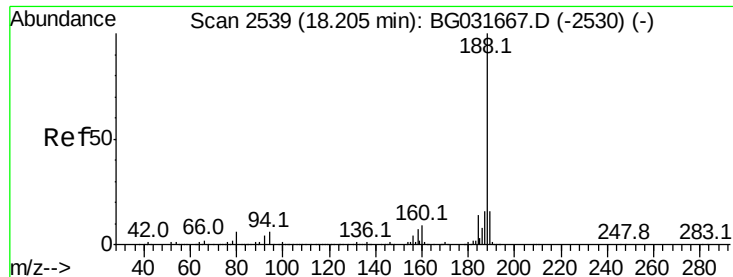
#44
 2-Fluorobiphenyl
 Concen: 79.648 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031711.D
 Acq: 22 Dec 2017 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.1	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: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

Instrument :

BNA_G

ClientSampleId :

121517-TIFR-E-D-B

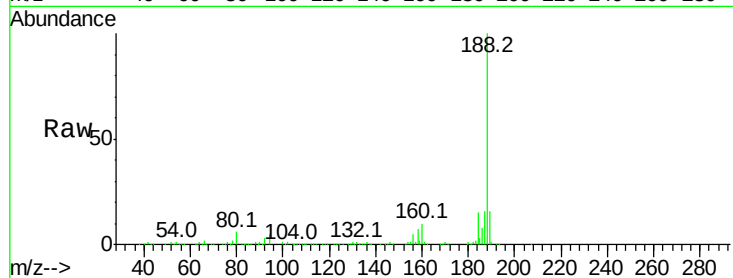
Tot Ion:188 Resp: 423910

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

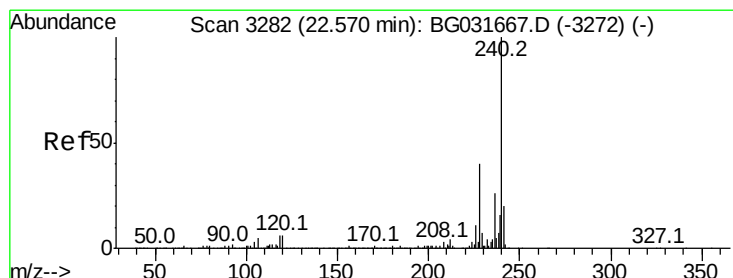
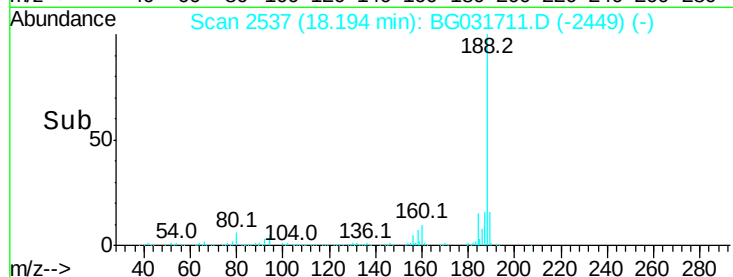
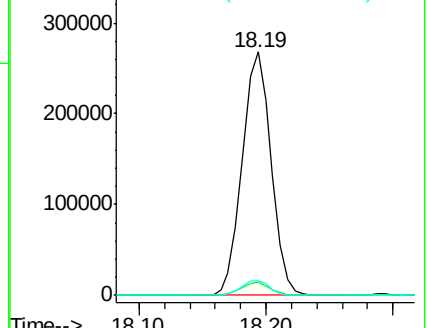
80 6.1 7.7 11.5#



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: 22.55 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

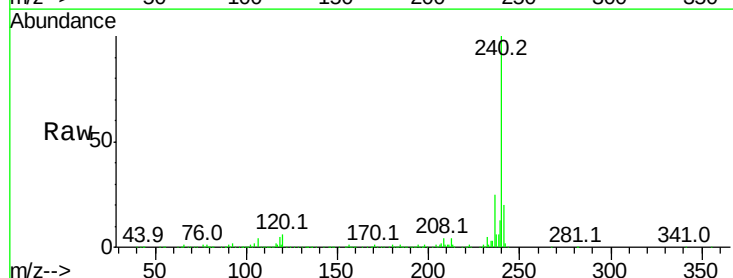
Tgt Ion:240 Resp: 491339

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

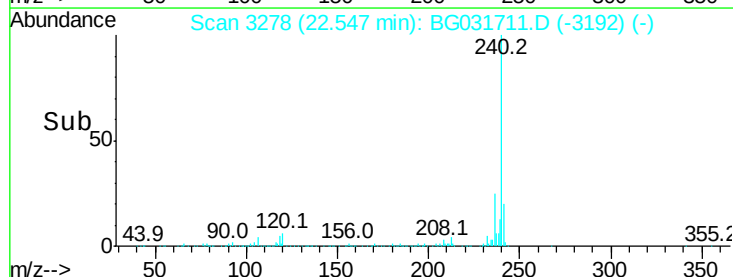
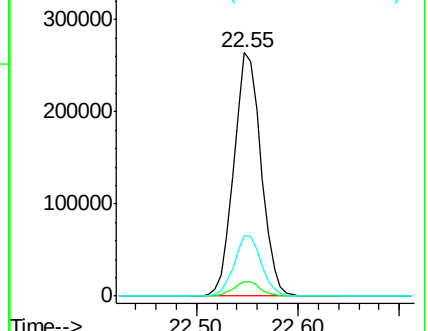
236 24.8 20.9 31.3

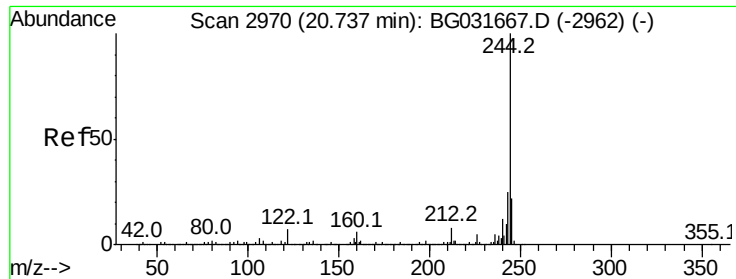


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.685 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

Instrument :

BNA_G

ClientSampleId :

121517-TIFR-E-D-B

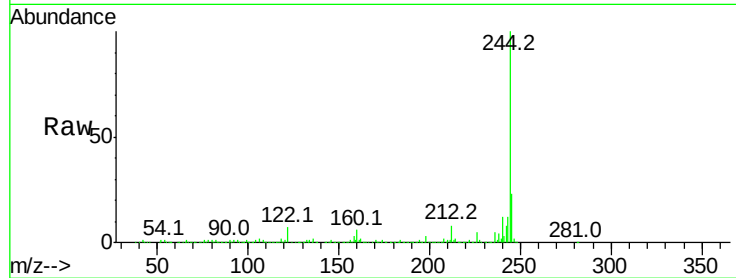
Tot Ion:244 Resp: 1799740

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

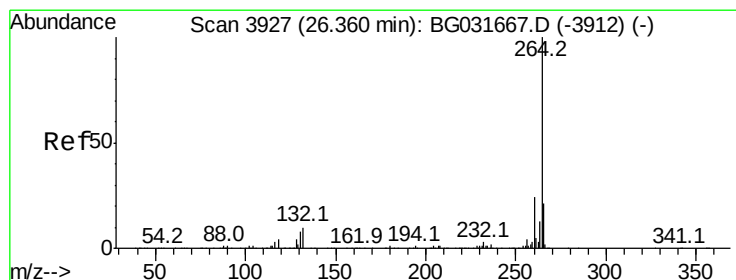
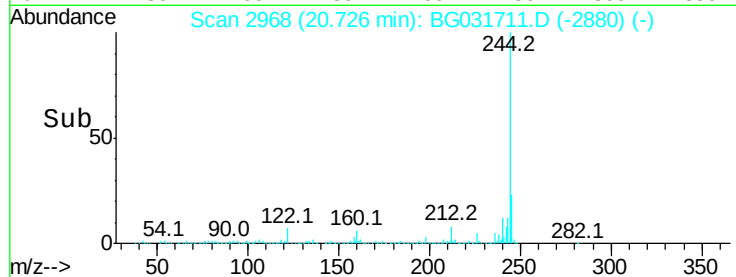
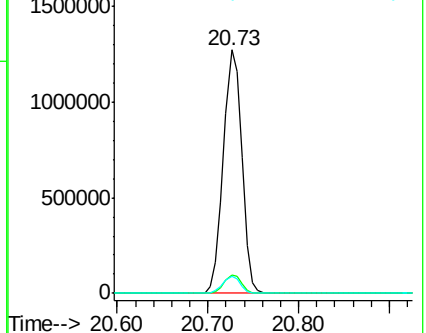
122 7.1 7.0 10.4



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: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031711.D

Acq: 22 Dec 2017 15:01

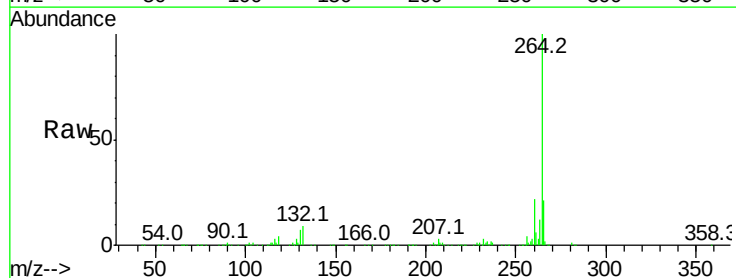
Tgt Ion:264 Resp: 524382

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 21.2 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

