

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033663.D
 Acq On : 7 Apr 2018 13:03
 Operator : SJ/JU
 Sample : J2225-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-U-S

Quant Time: Apr 09 03:19:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32069	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	153111	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121414	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	306676	20.00	ng	0.00
75) Chrysene-d12	22.55	240	306357	20.00	ng	0.00
86) Perylene-d12	26.32	264	317350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	69011	40.35	ng	0.00
7) Phenol-d6	7.98	99	59299	20.18	ng	0.00
23) Nitrobenzene-d5	10.06	82	315136	94.56	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	144699	79.68	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	779685	92.71	ng	0.00
78) Terphenyl-d14	20.73	244	1334510	93.16	ng	0.00

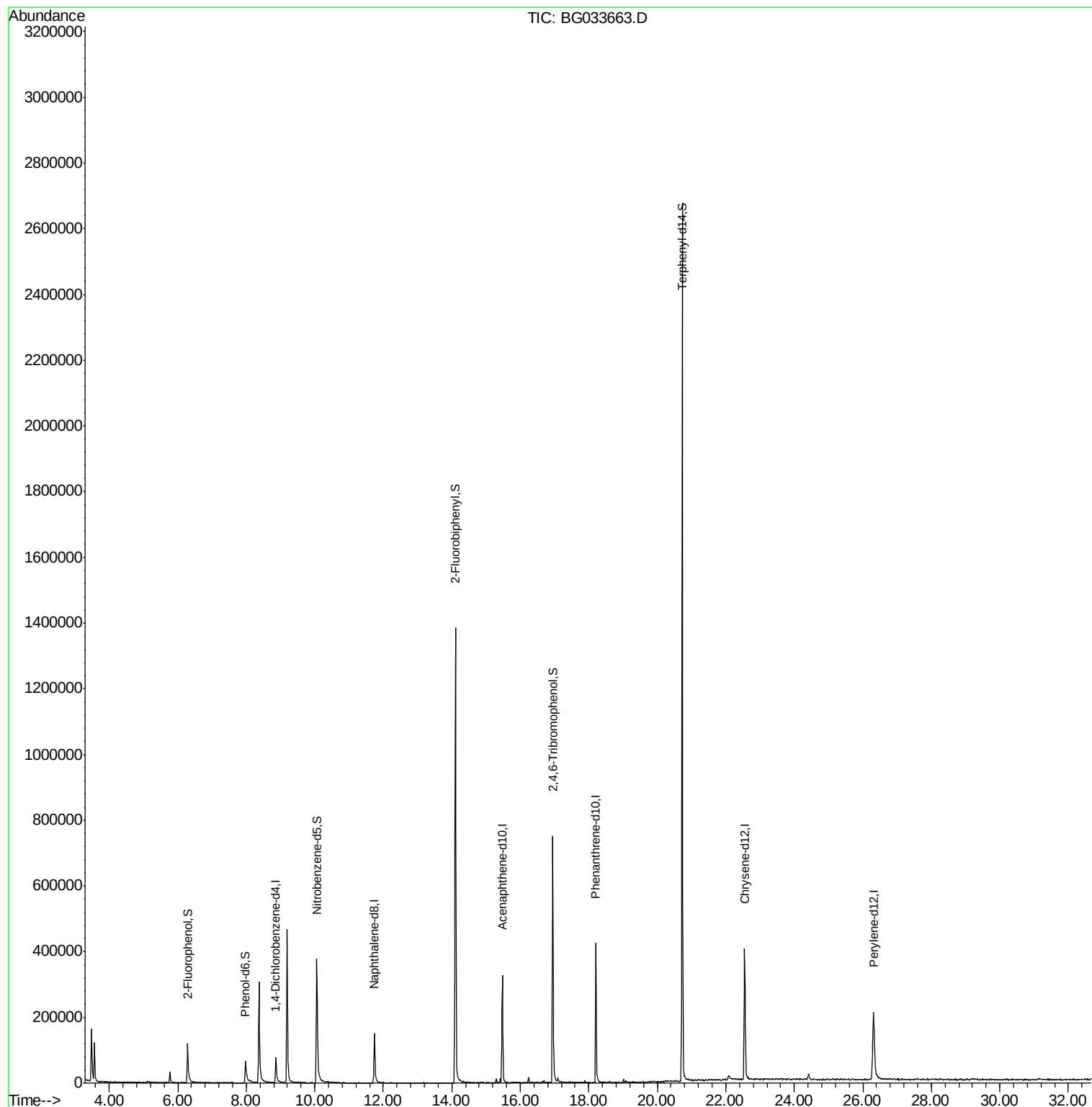
Target Compounds Qvalue

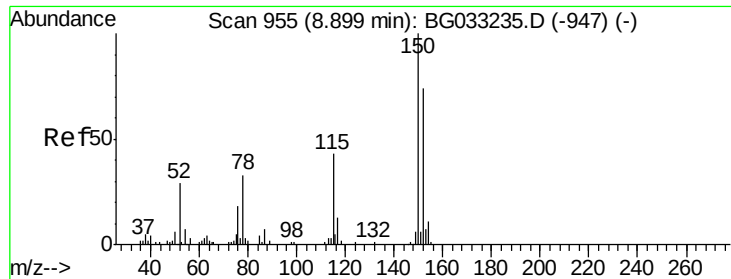
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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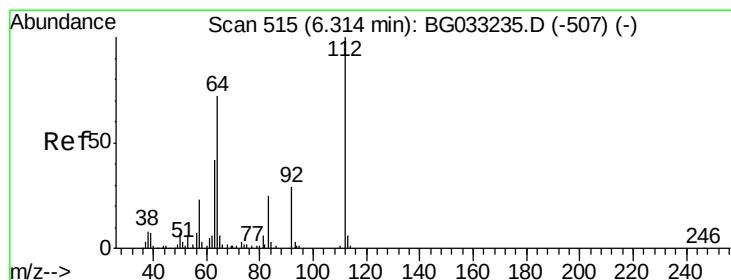
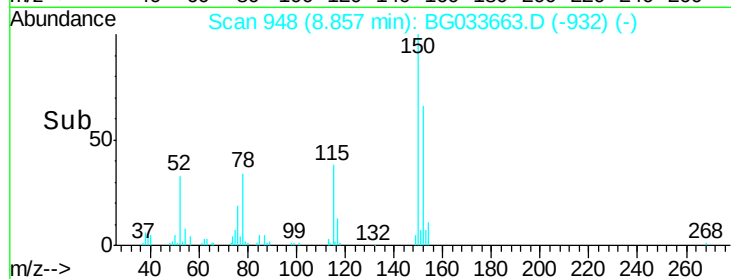
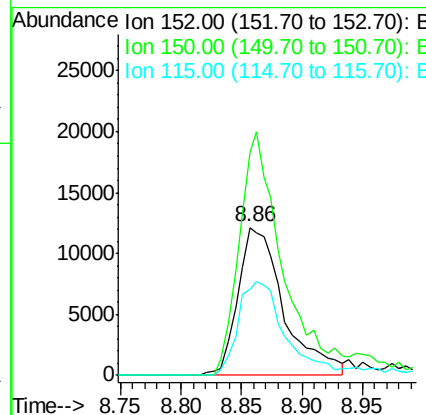
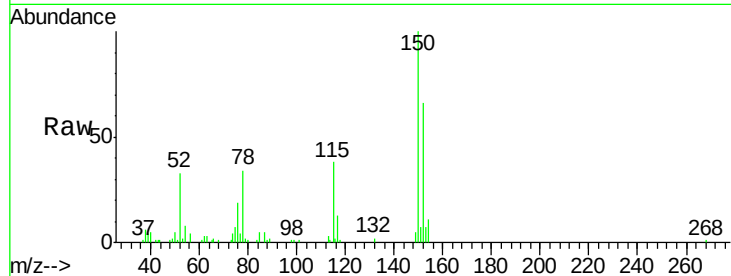


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033663.D
Acq: 7 Apr 2018 13:03

Instrument :
BNA_G
ClientSampleId :
040218-DBRI-F-U-S

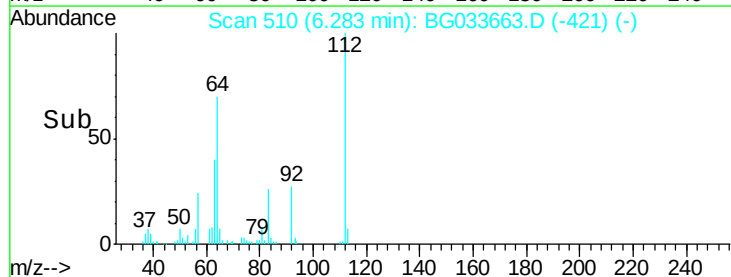
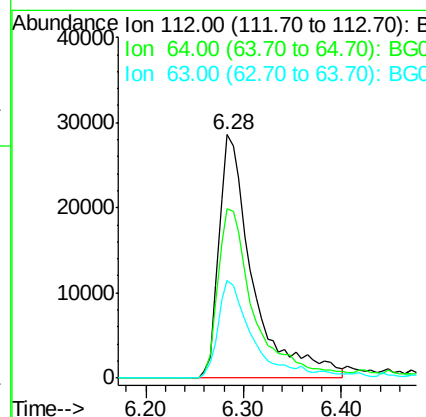
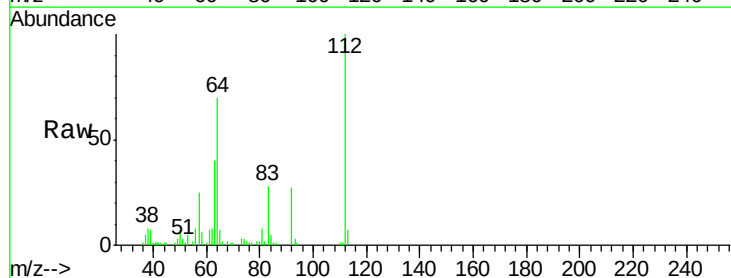
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	58.2	53.0	79.4

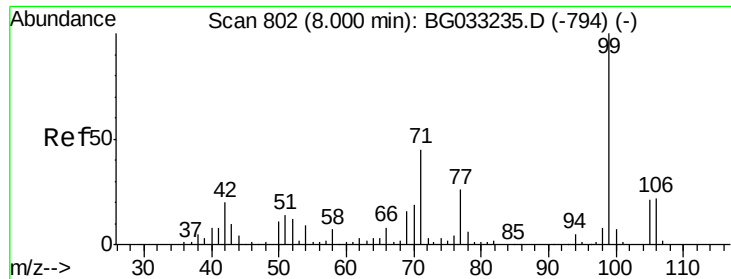


#5

2-Fluorophenol
Concen: 40.352 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033663.D
Acq: 7 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.3	84.5
63	40.4	30.1	45.1





#7

Phenol-d6

Concen: 20.180 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033663.D

Acq: 7 Apr 2018 13:03

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-S

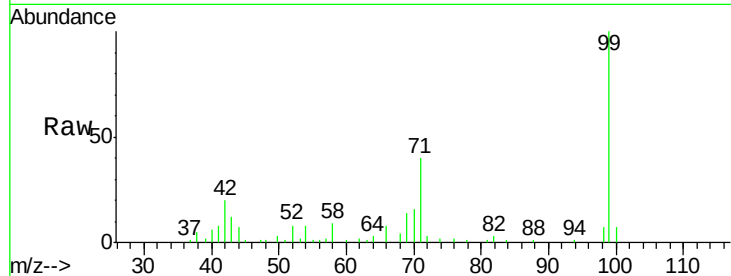
Tot Ion: 99 Resp: 59299

Ion Ratio Lower Upper

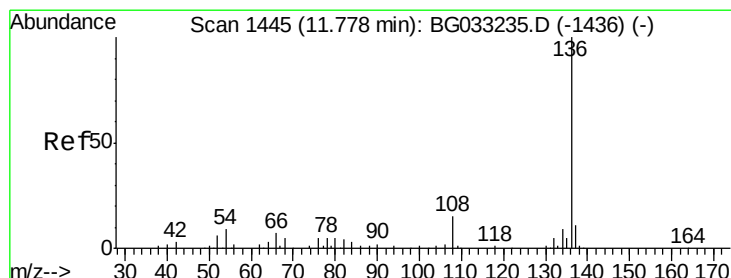
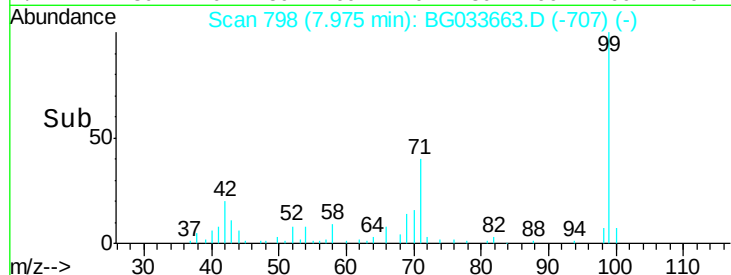
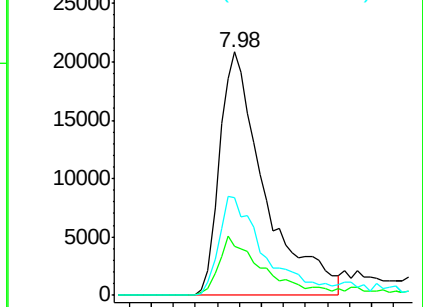
99 100

42 20.1 14.1 21.1

71 40.4 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033663.D

Acq: 7 Apr 2018 13:03

Tgt Ion: 136 Resp: 153111

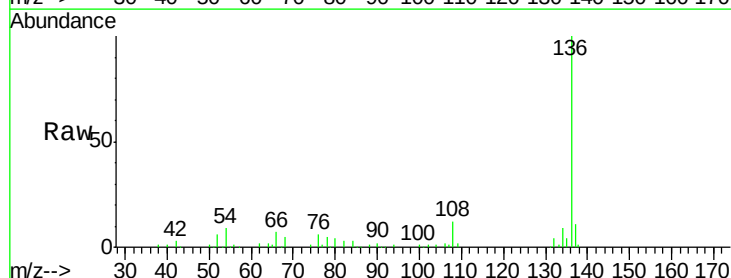
Ion Ratio Lower Upper

136 100

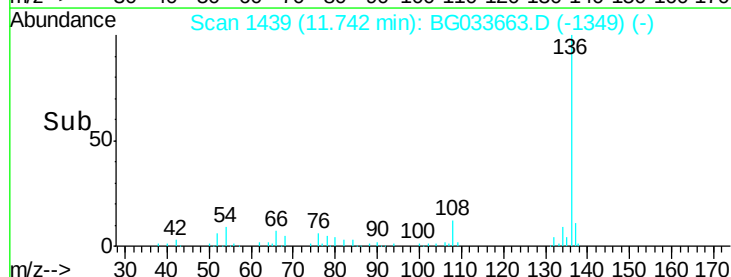
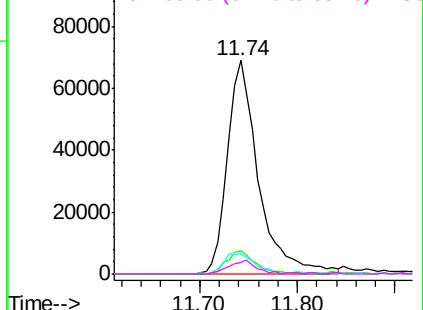
137 11.0 9.2 13.8

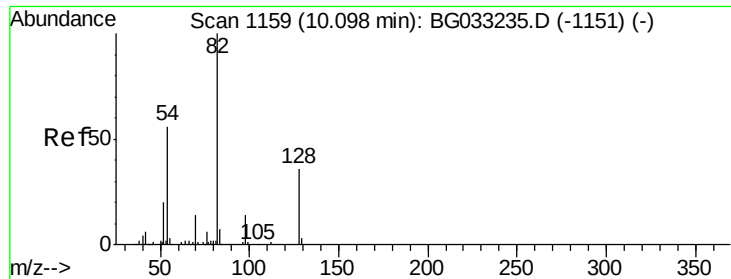
54 9.3 10.3 15.5#

68 5.5 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

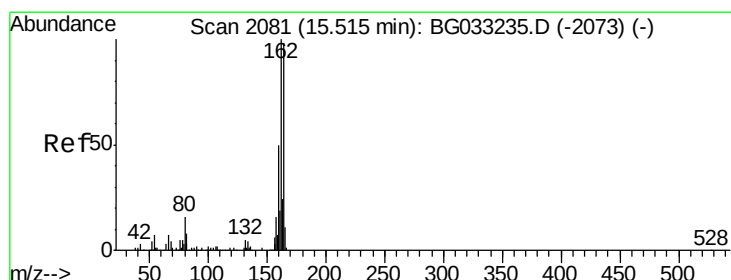
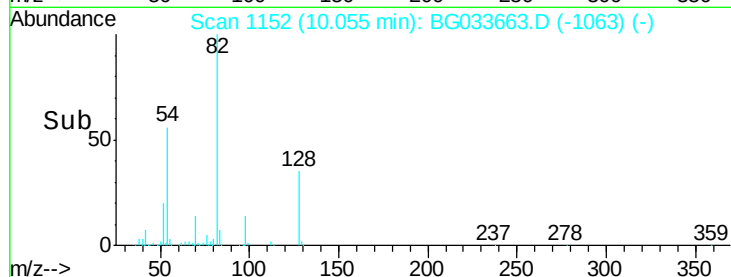
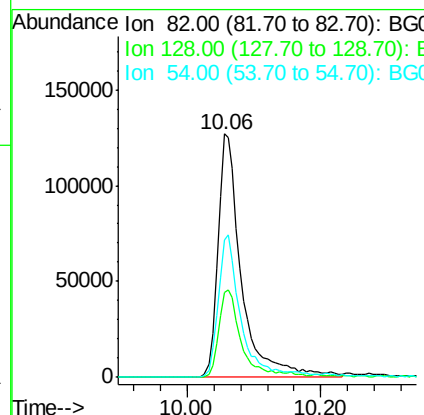
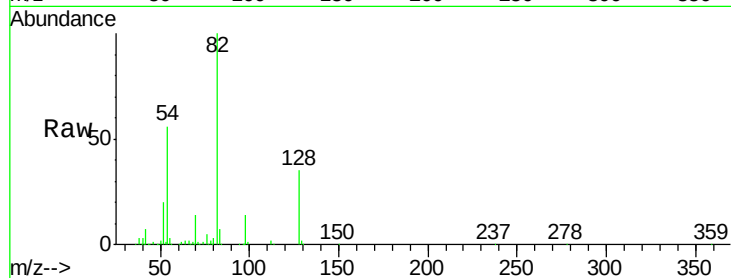




#23
 Nitrobenzene-d5
 Concen: 94.563 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033663.D
 Acq: 7 Apr 2018 13:03

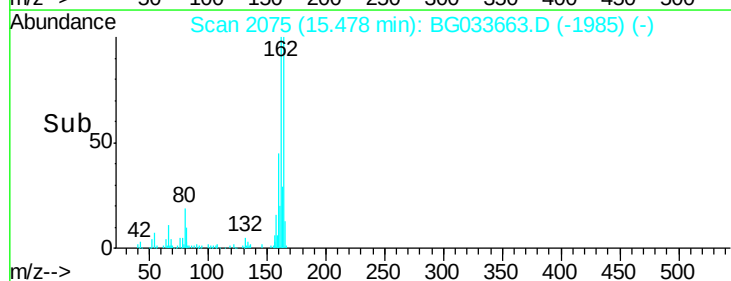
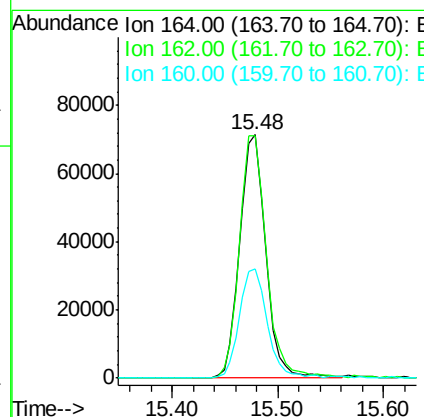
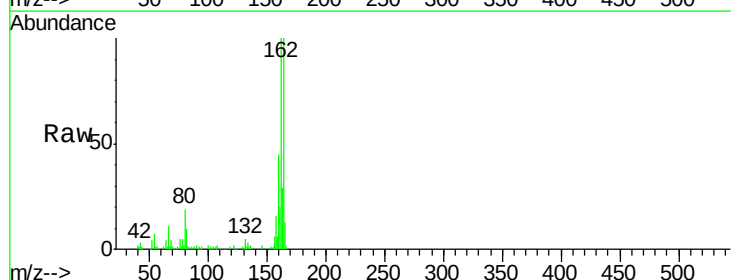
Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-U-S

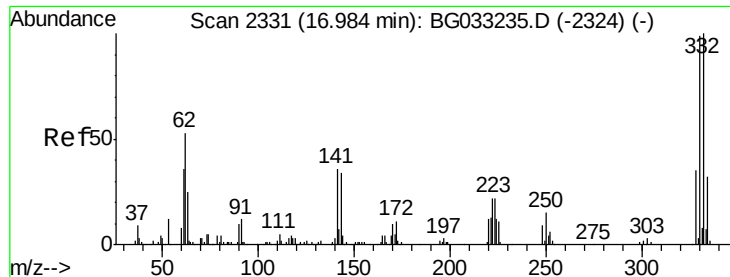
Tot Ion: 82 Resp: 315136
 Ion Ratio Lower Upper
 82 100
 128 35.0 29.7 44.5
 54 56.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033663.D
 Acq: 7 Apr 2018 13:03

Tgt Ion: 164 Resp: 121414
 Ion Ratio Lower Upper
 164 100
 162 99.6 78.8 118.2
 160 45.1 35.4 53.0

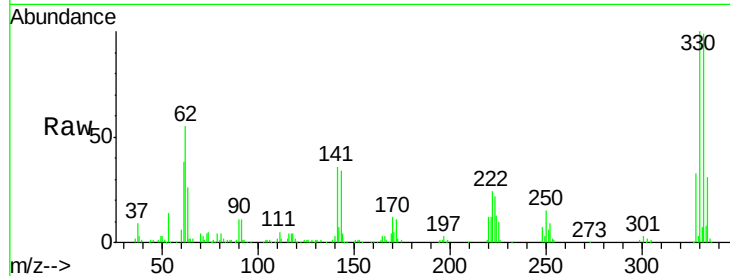




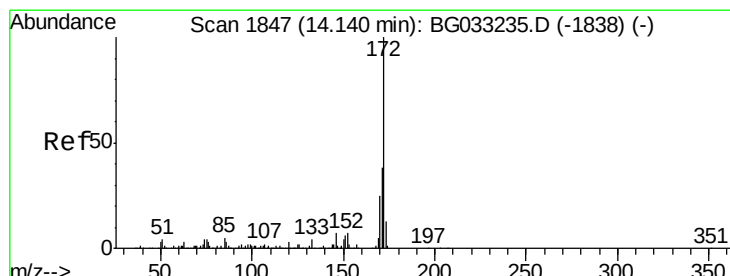
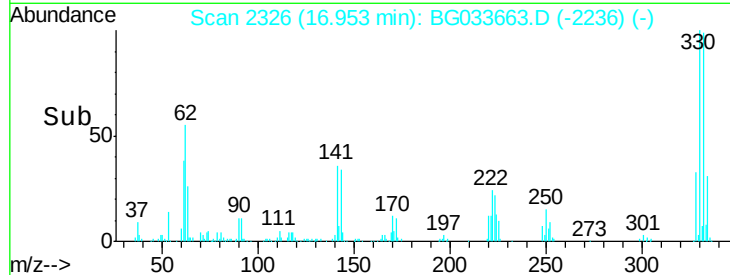
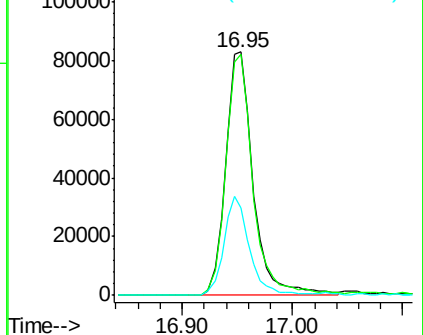
#41
 2,4,6-Tribromophenol
 Concen: 79.685 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033663.D
 Acq: 7 Apr 2018 13:03

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-U-S

Tot Ion:330 Resp: 144699
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 37.8 25.2 37.8

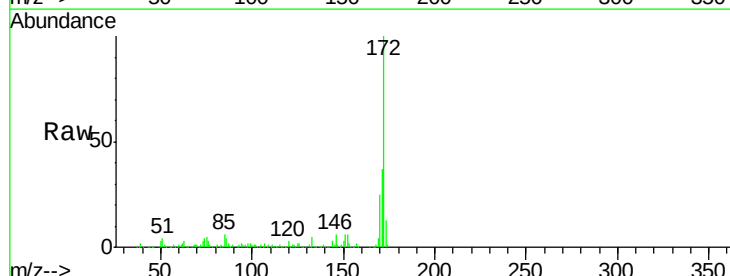


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

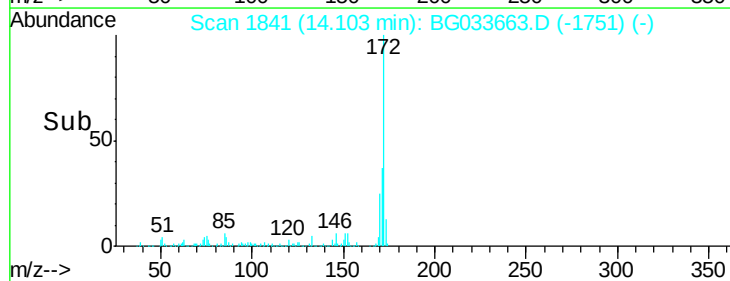
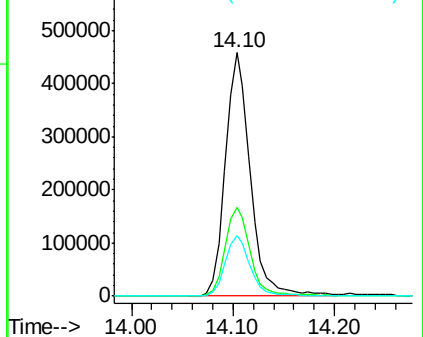


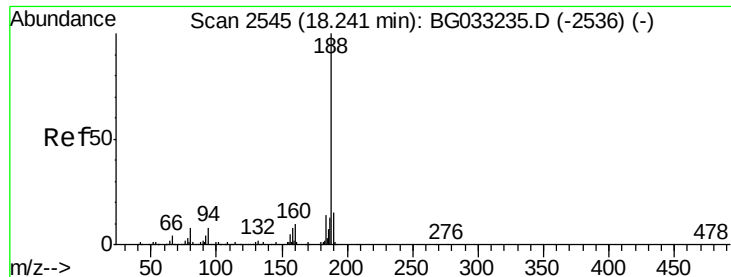
#44
 2-Fluorobiphenyl
 Concen: 92.706 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033663.D
 Acq: 7 Apr 2018 13:03

Tgt Ion:172 Resp: 779685
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 24.8 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: 18.20 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033663.D

Acq: 7 Apr 2018 13:03

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-S

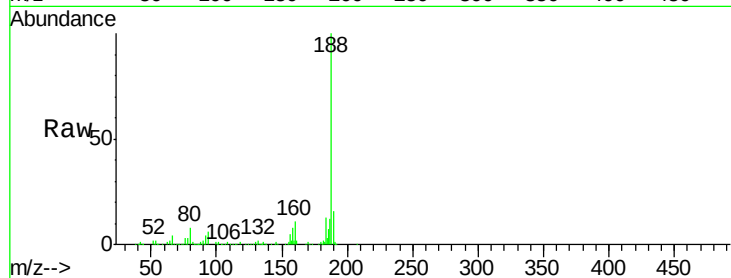
Tot Ion:188 Resp: 306676

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

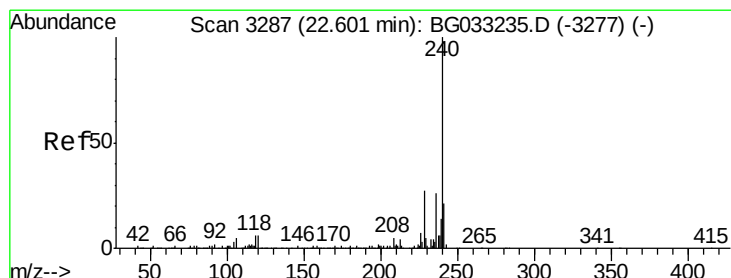
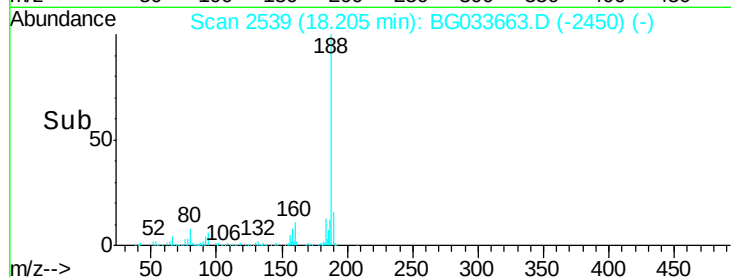
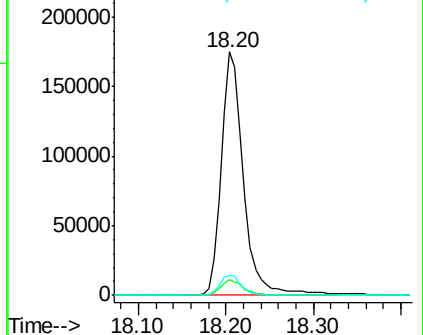
80 7.9 7.7 11.5



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# 3279

Delta R.T. -0.01 min

Lab File: BG033663.D

Acq: 7 Apr 2018 13:03

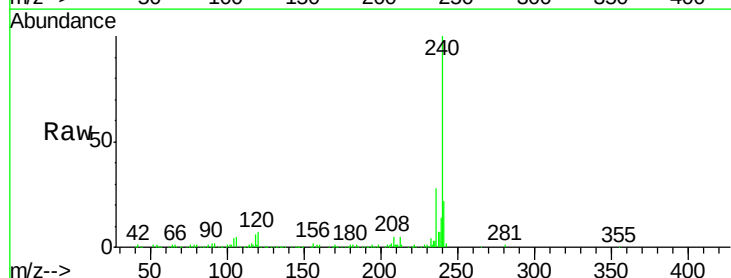
Tgt Ion:240 Resp: 306357

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

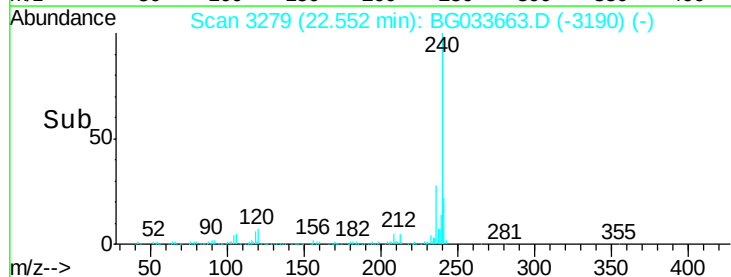
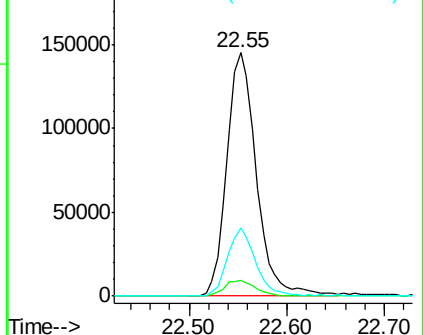
236 28.0 20.9 31.3

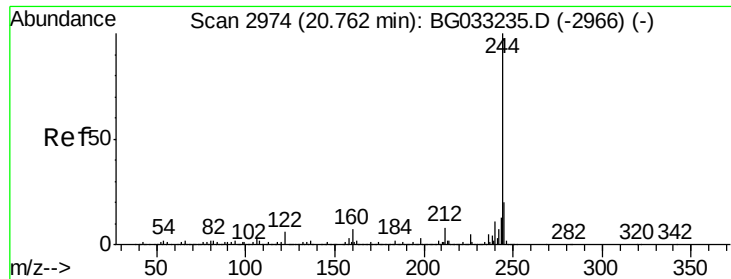


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.159 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033663.D

Acq: 7 Apr 2018 13:03

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-S

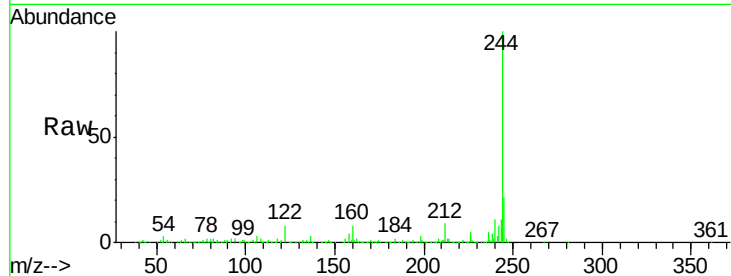
Tot Ion:244 Resp: 1334510

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

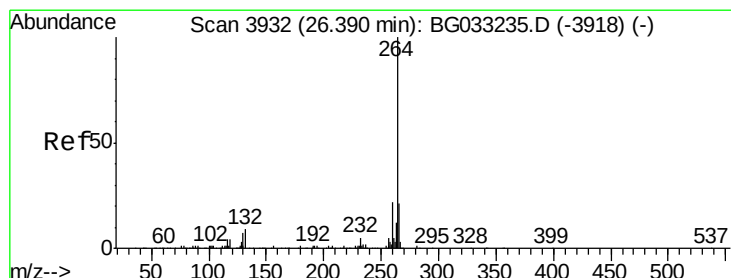
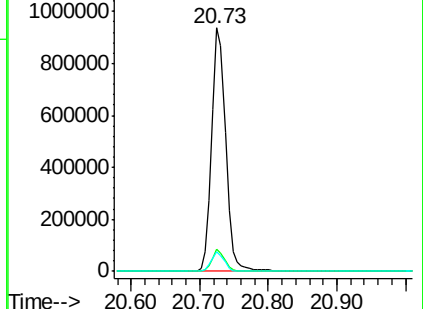
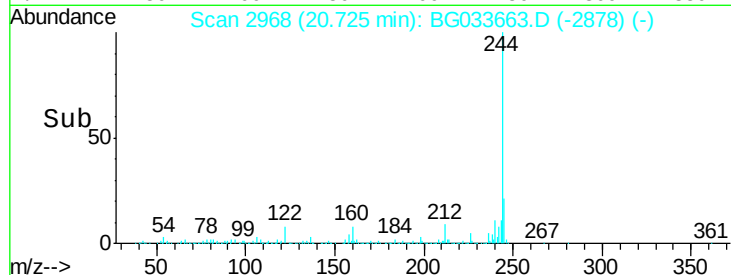
122 8.0 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.00 min

Lab File: BG033663.D

Acq: 7 Apr 2018 13:03

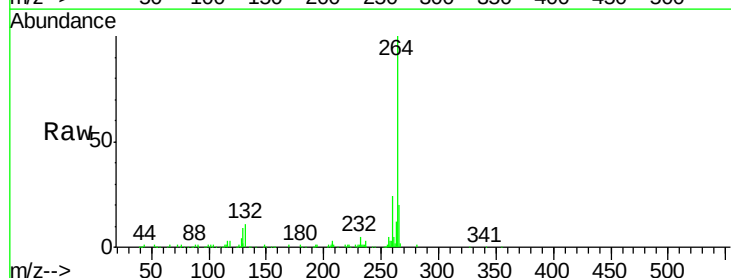
Tgt Ion:264 Resp: 317350

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.2 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

