

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033654.D
 Acq On : 7 Apr 2018 7:24
 Operator : SJ/JU
 Sample : J2226-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-D-S

Quant Time: Apr 09 02:14:44 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	36351	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	179344	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	142020	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334931	20.00	ng	0.00
75) Chrysene-d12	22.55	240	342161	20.00	ng	0.00
86) Perylene-d12	26.32	264	341120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73790	38.06	ng	0.00
7) Phenol-d6	7.97	99	69869	20.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	340312	87.18	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	157327	74.07	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	901978	91.69	ng	0.00
78) Terphenyl-d14	20.73	244	1326054	82.88	ng	0.00

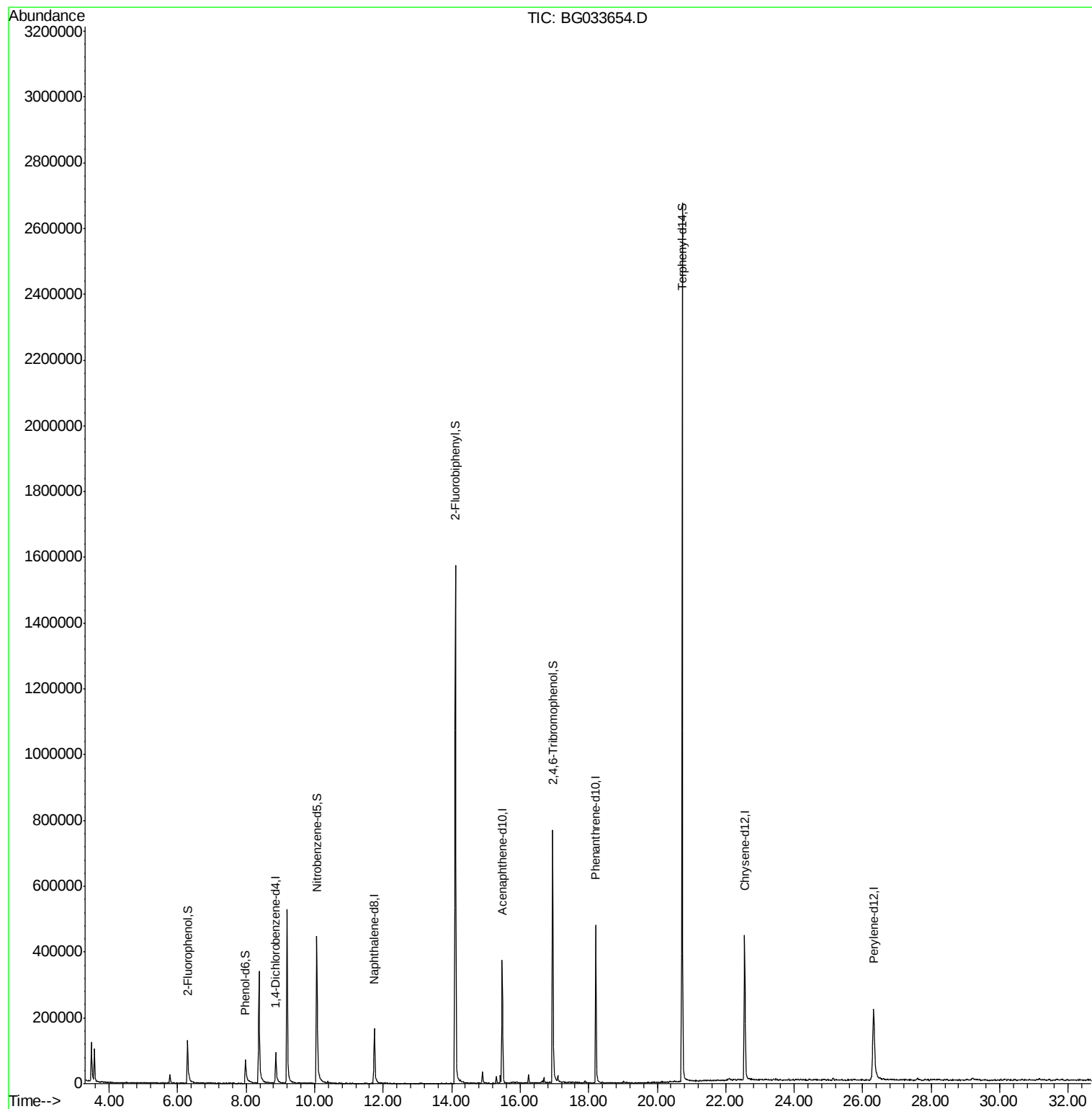
Target Compounds Qvalue

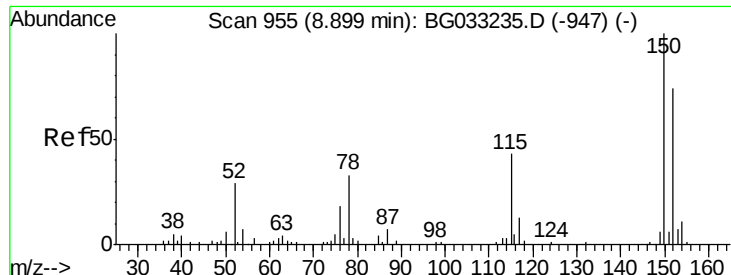
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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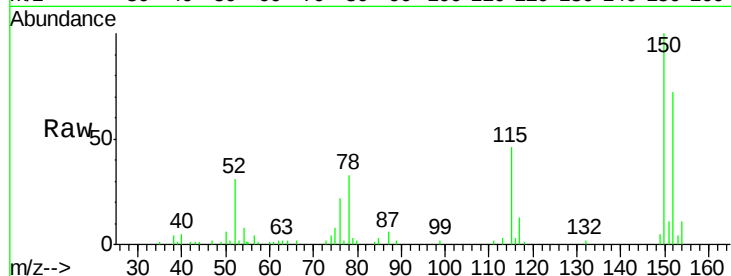


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :
040318-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	64.1	53.0	79.4

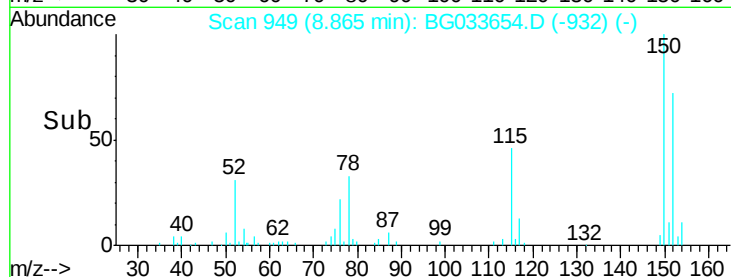
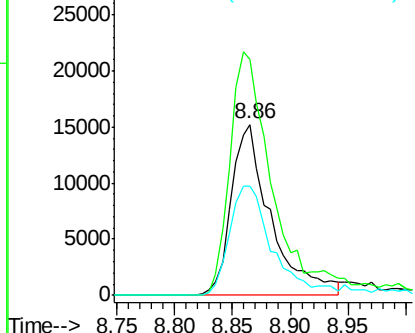


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

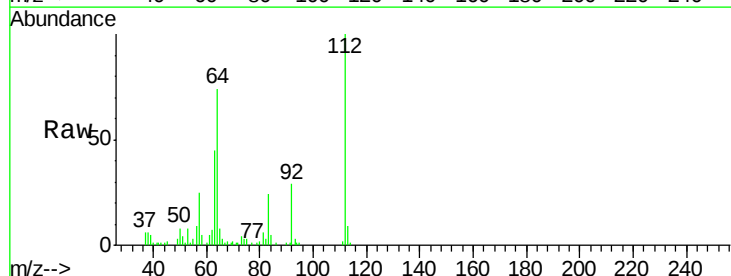
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.064 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	56.3	84.5
63	45.5	30.1	45.1

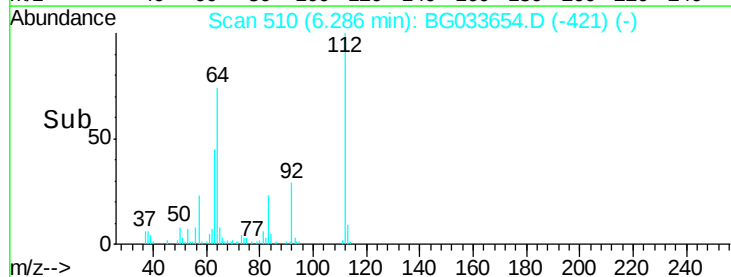
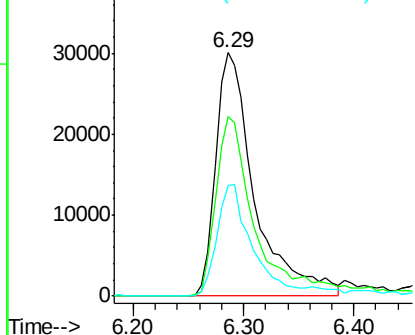


Abundance

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: 20.976 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-S

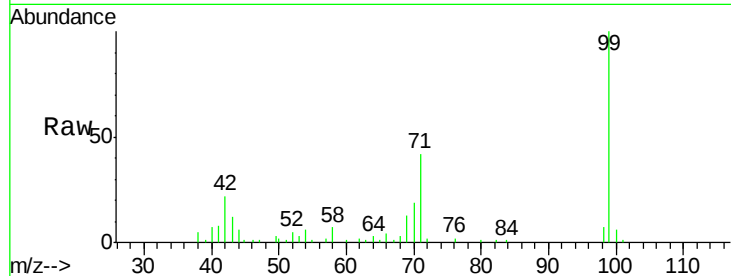
Tot Ion: 99 Resp: 69869

Ion Ratio Lower Upper

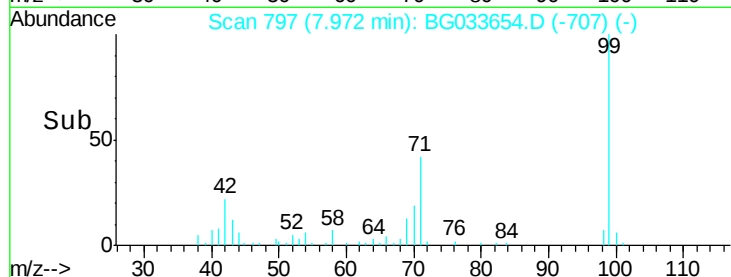
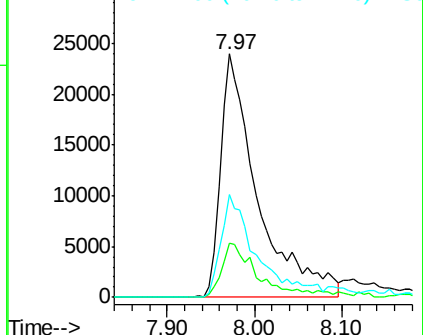
99 100

42 22.3 14.1 21.1#

71 42.0 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# 1438

Delta R.T. -0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

Tgt Ion: 136 Resp: 179344

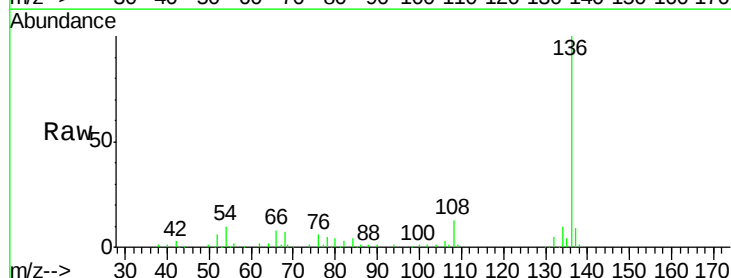
Ion Ratio Lower Upper

136 100

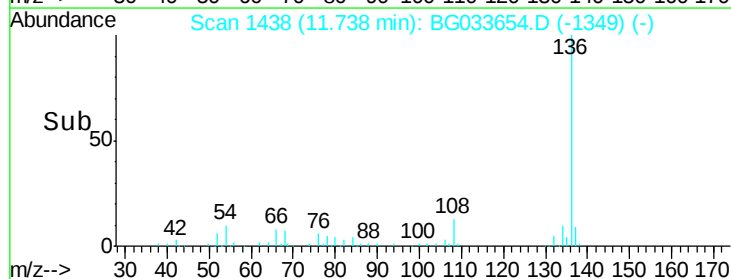
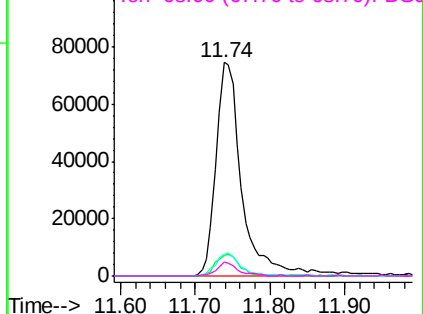
137 9.4 9.2 13.8

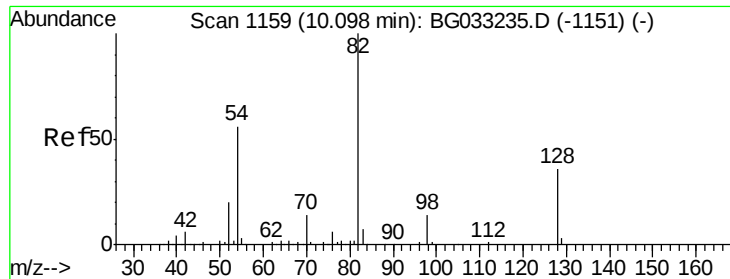
54 10.1 10.3 15.5#

68 7.2 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

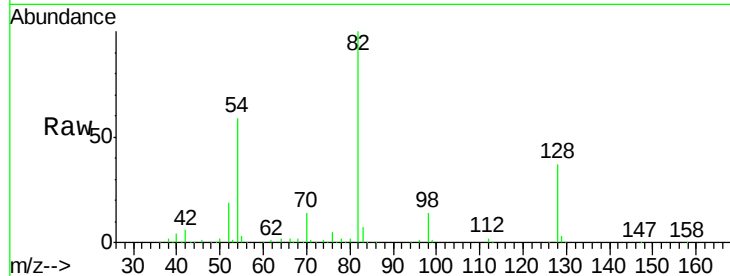




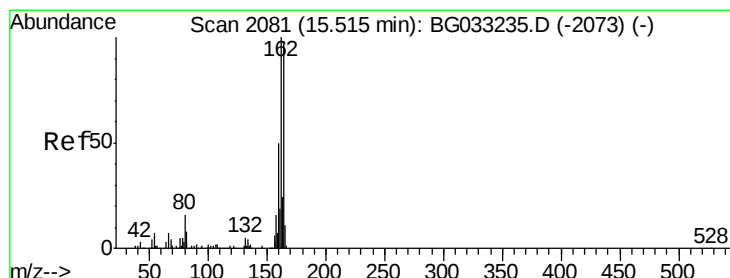
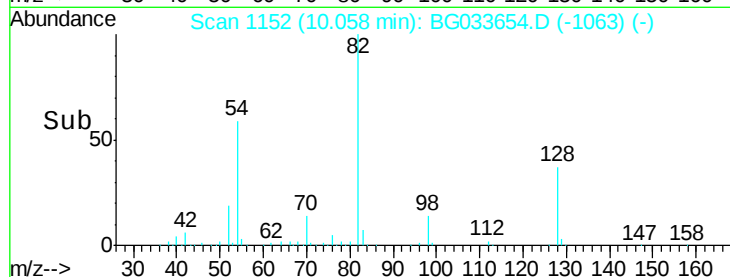
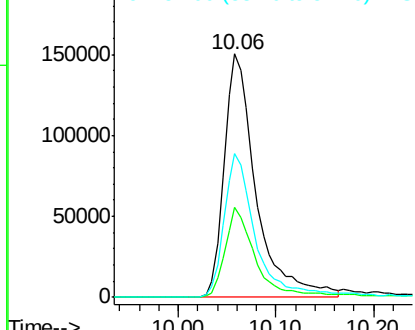
#23
 Nitrobenzene-d5
 Concen: 87.181 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-D-S

Tot Ion: 82 Resp: 340312
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.7 44.5
 54 59.0 43.1 64.7

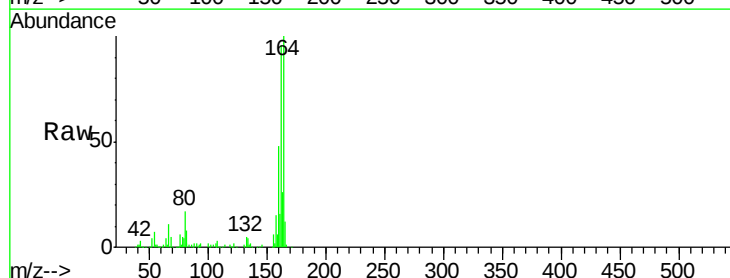


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

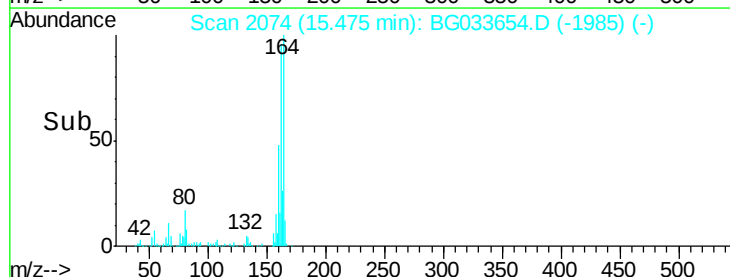
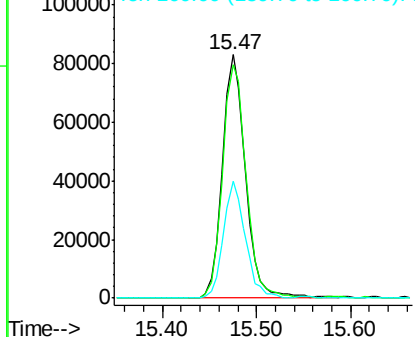


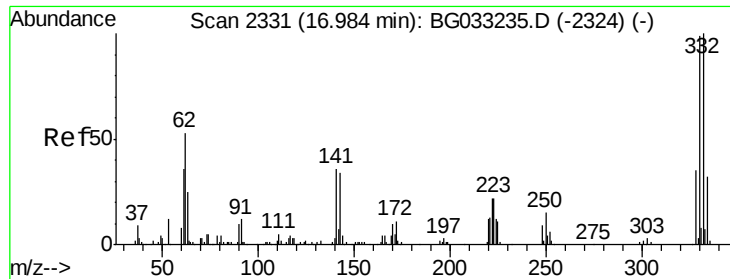
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Tgt Ion:164 Resp: 142020
 Ion Ratio Lower Upper
 164 100
 162 95.9 78.8 118.2
 160 47.9 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

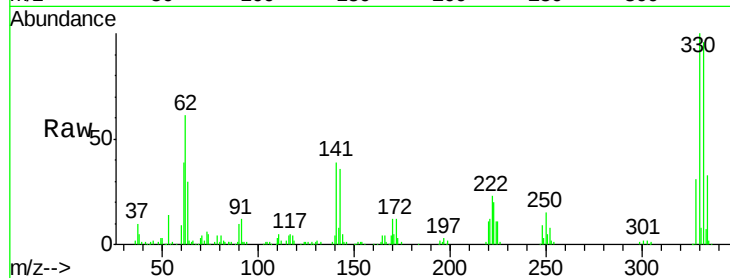




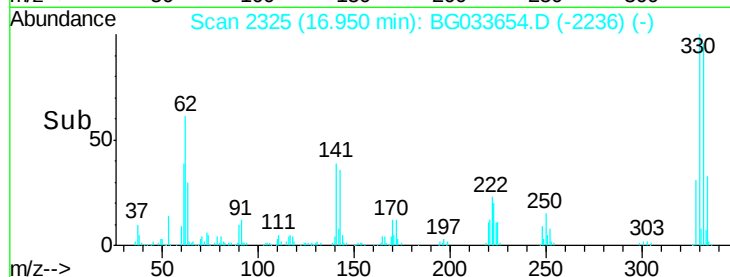
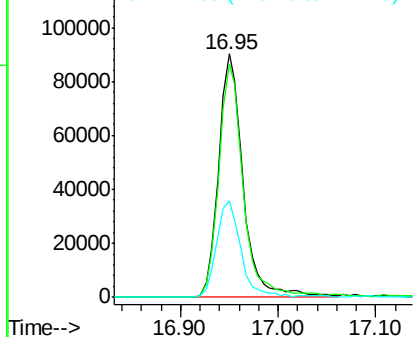
#41
 2,4,6-Tribromophenol
 Concen: 74.068 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	39.4	25.2	37.8#

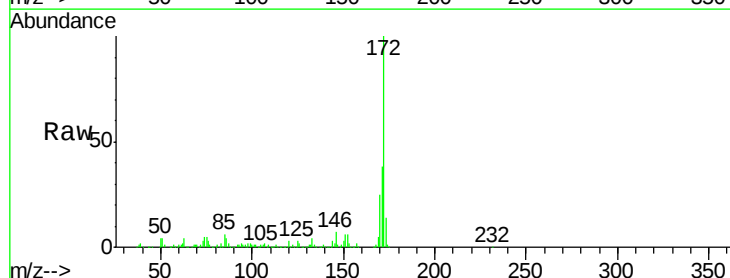


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

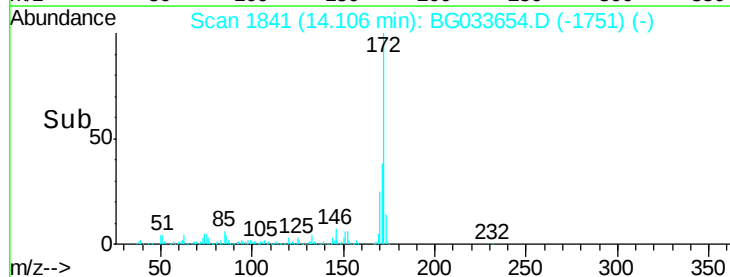
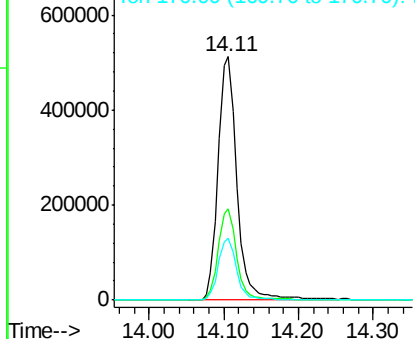


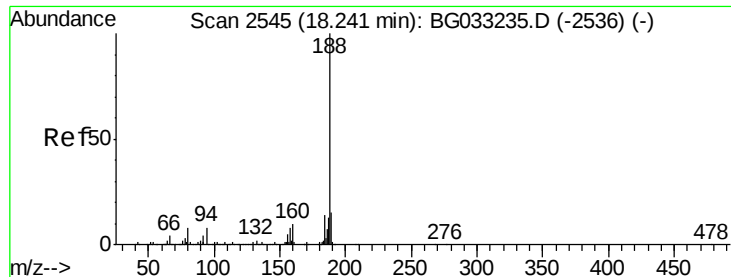
#44
 2-Fluorobiphenyl
 Concen: 91.686 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.2	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: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-S

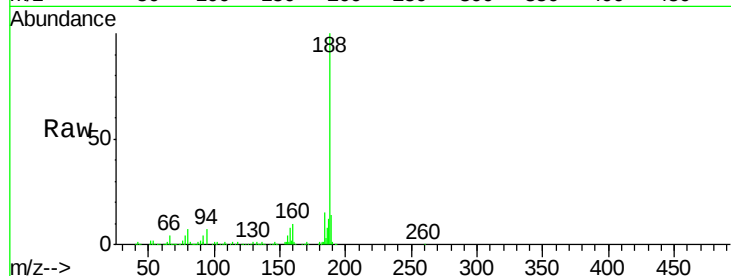
Tot Ion:188 Resp: 334931

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

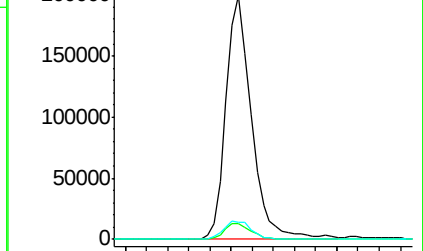
80 7.2 7.7 11.5#



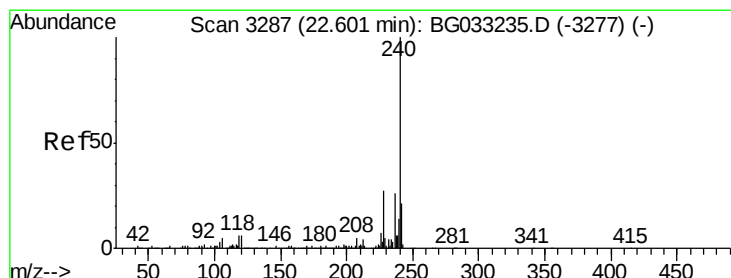
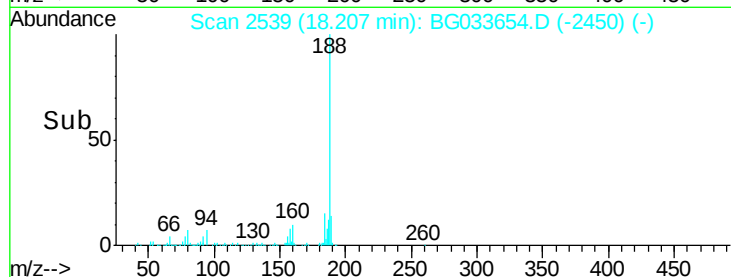
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 18.10 18.20 18.30



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

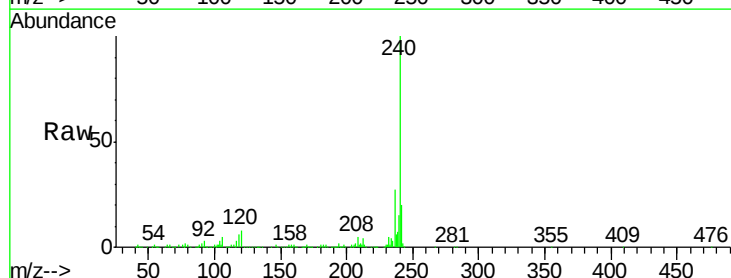
Tgt Ion:240 Resp: 342161

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

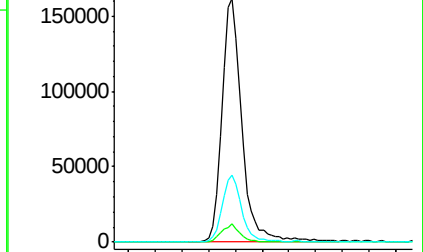
236 27.3 20.9 31.3



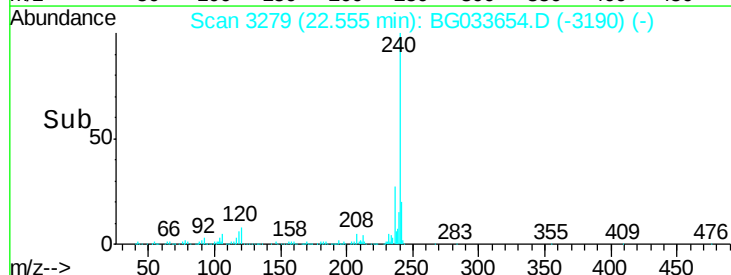
Abundance Ion 240.00 (239.70 to 240.70): E

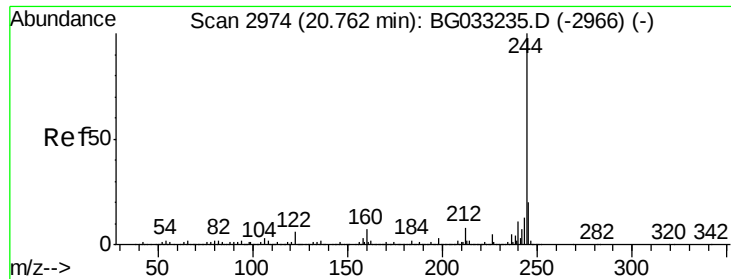
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.40 22.60





#78

Terphenyl-d14

Concen: 82.882 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-S

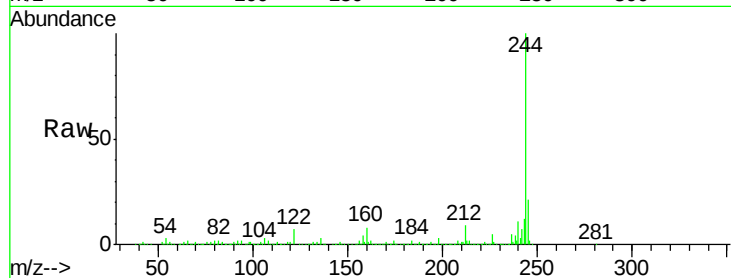
Tot Ion:244 Resp: 1326054

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

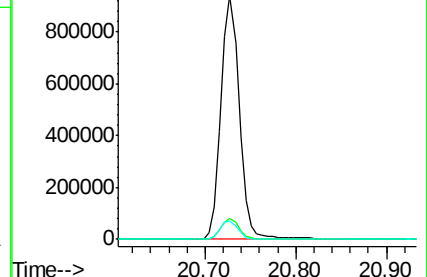
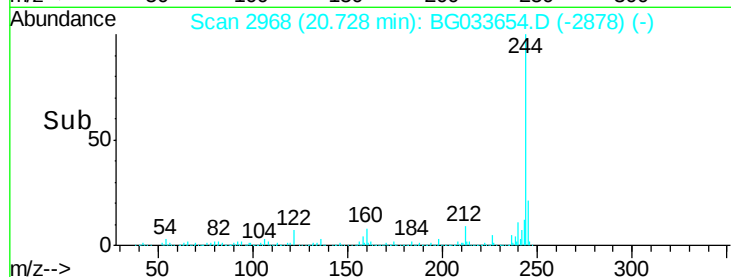
122 7.4 7.0 10.4



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: BG033654.D

Acq: 7 Apr 2018 7:24

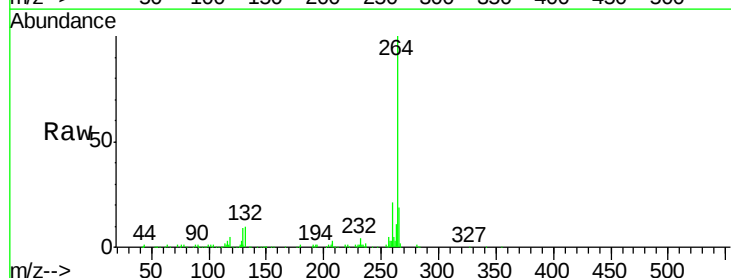
Tgt Ion:264 Resp: 341120

Ion Ratio Lower Upper

264 100

260 21.4 17.4 26.0

265 19.4 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

