

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033549.D
 Acq On : 4 Apr 2018 7:36
 Operator : SJ/JU
 Sample : J2177-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-S

Quant Time: Apr 04 09:02:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

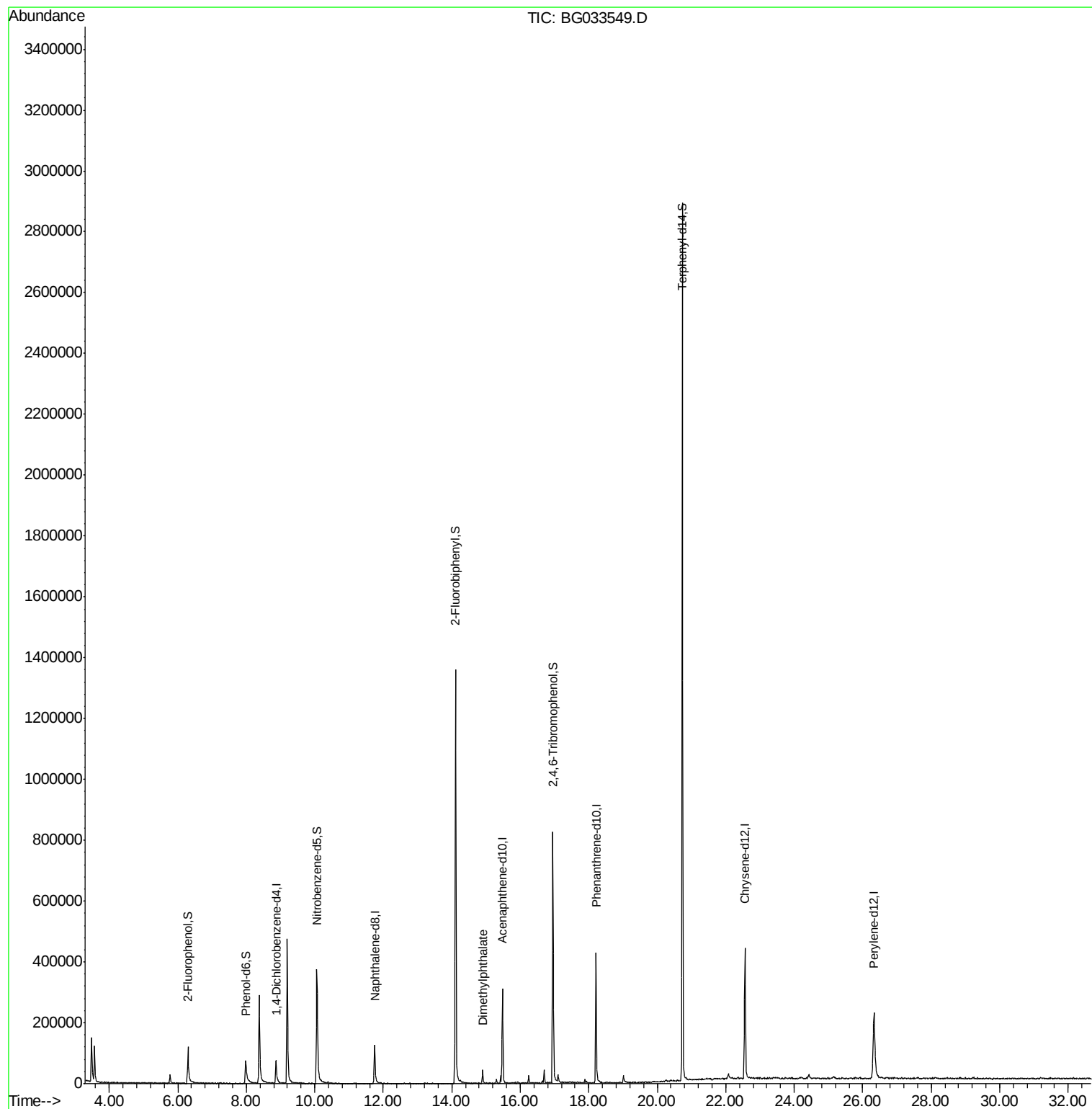
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30578	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	136771	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	117142	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317032	20.00	ng	0.00
75) Chrysene-d12	22.56	240	322907	20.00	ng	0.00
86) Perylene-d12	26.33	264	330122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	67156	41.18	ng	0.00
7) Phenol-d6	7.98	99	64520	23.03	ng	0.00
23) Nitrobenzene-d5	10.06	82	305607	102.66	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	159862	91.25	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	785454	96.80	ng	0.00
78) Terphenyl-d14	20.73	244	1414159	93.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	32267	3.165	ng	Qvalue # 97

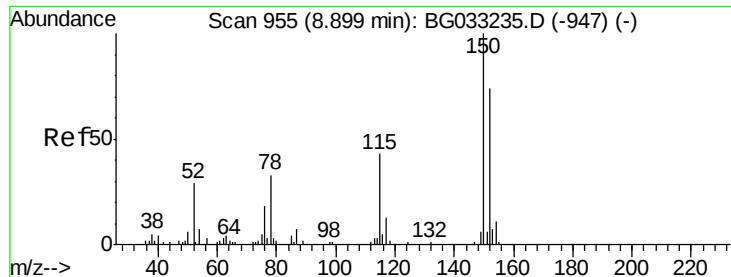
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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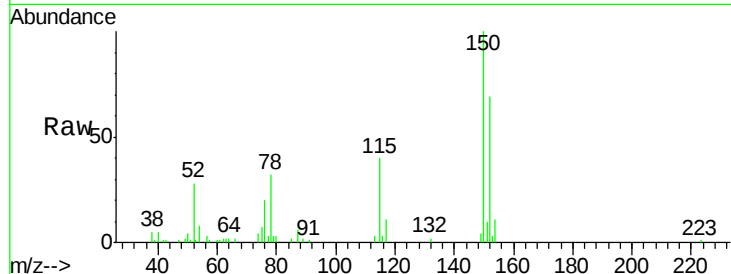


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-S

Tot Ion	152	Resp	30578
Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	58.5	53.0	79.4

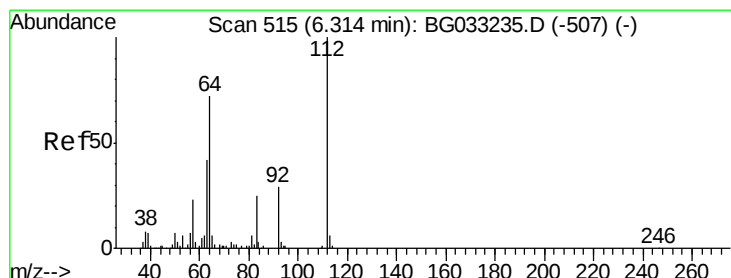
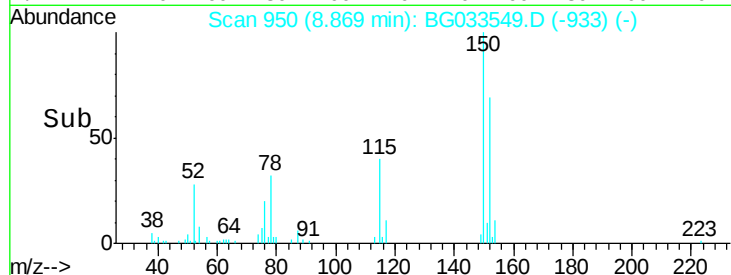
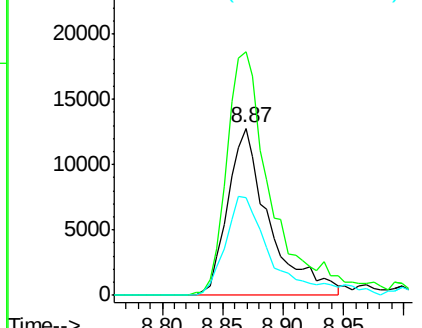


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

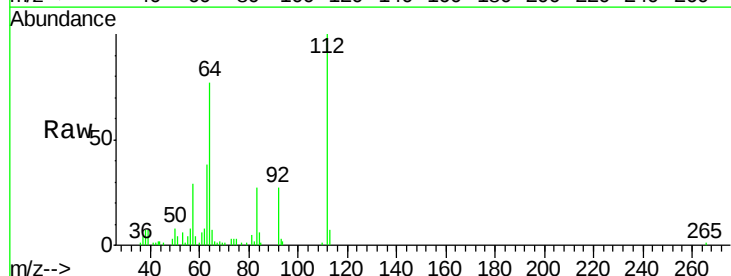
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 41.182 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Tgt Ion	112	Resp	67156
Ion	Ratio	Lower	Upper
112	100		
64	76.7	56.3	84.5
63	37.8	30.1	45.1

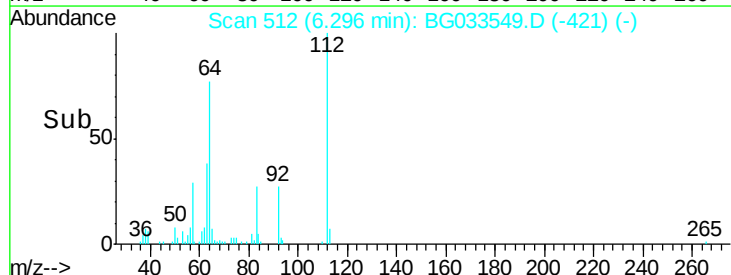
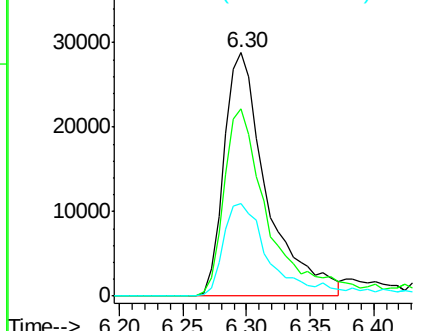


Abundance

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: 23.027 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-U-S

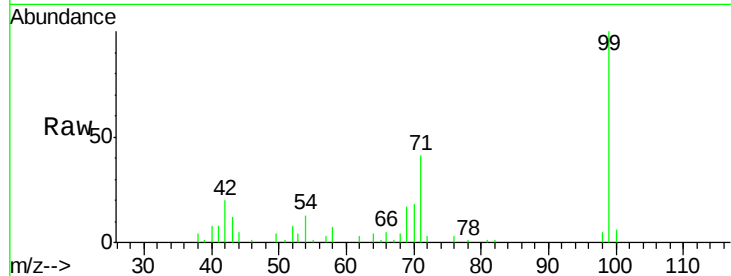
Tot Ion: 99 Resp: 64520

Ion Ratio Lower Upper

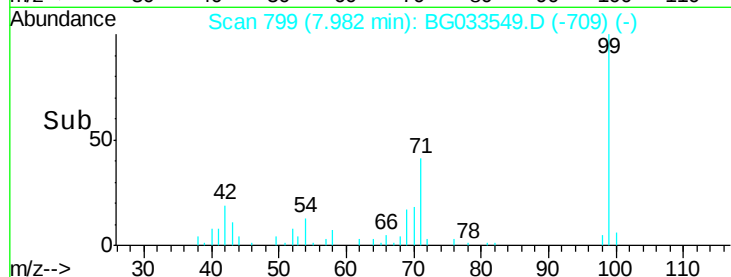
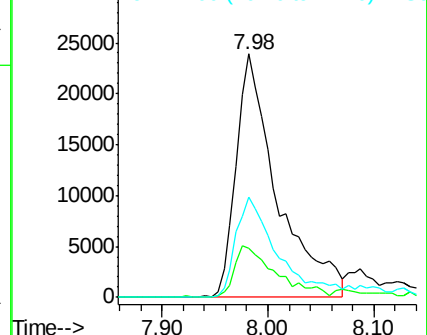
99 100

42 20.0 14.1 21.1

71 41.2 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: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Tgt Ion: 136 Resp: 136771

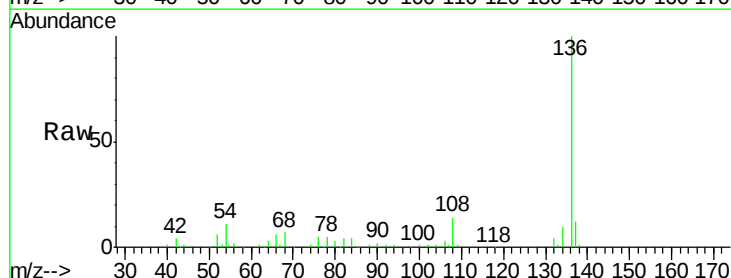
Ion Ratio Lower Upper

136 100

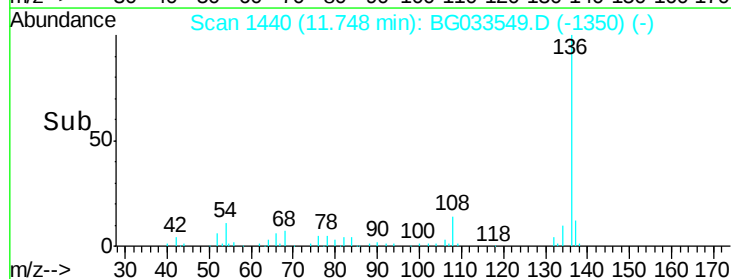
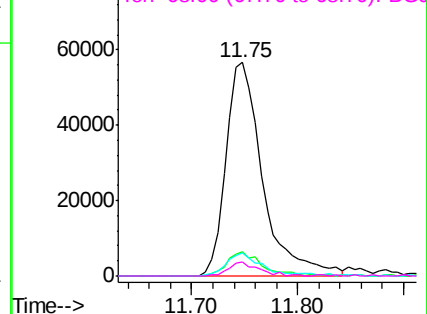
137 11.6 9.2 13.8

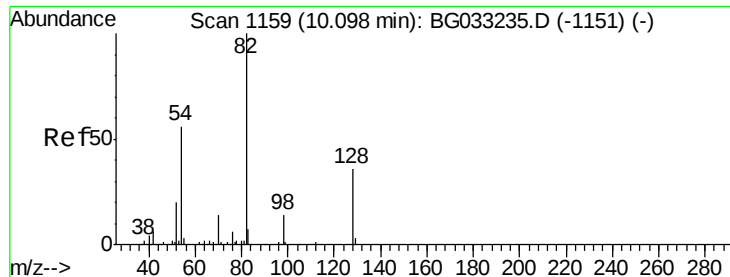
54 11.8 10.3 15.5

68 6.7 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

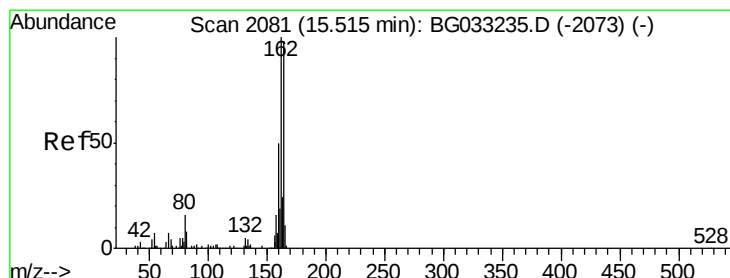
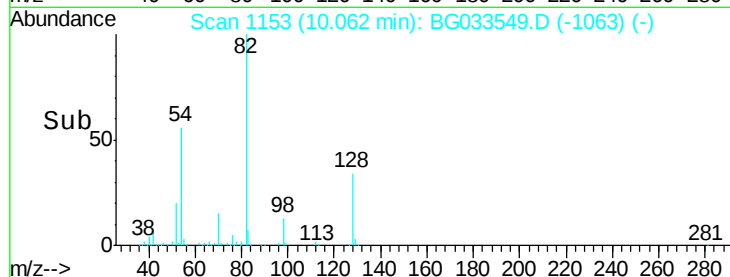
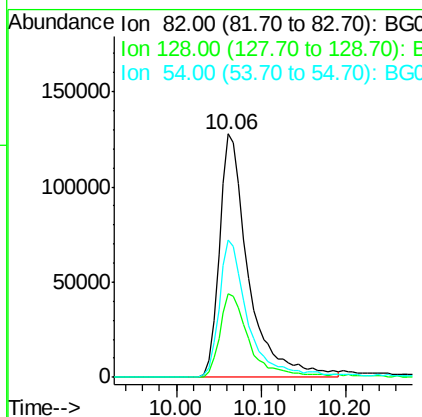
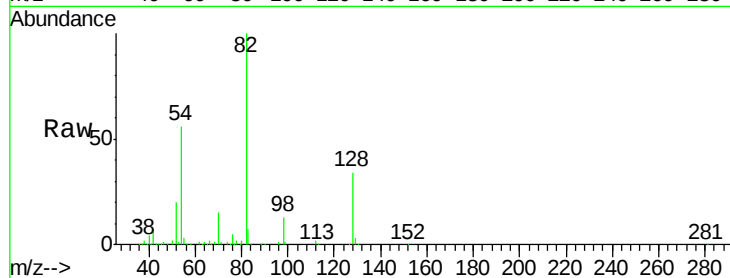




#23
 Nitrobenzene-d5
 Concen: 102.659 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

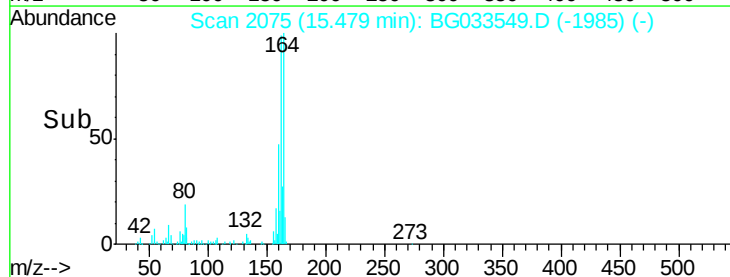
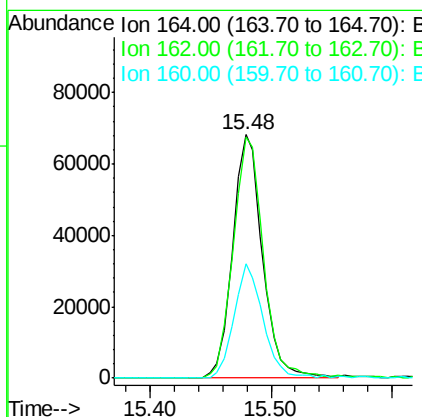
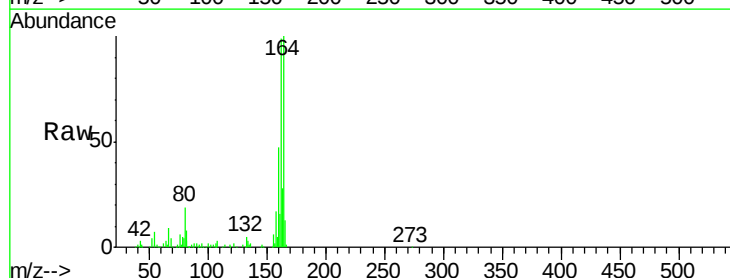
Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-S

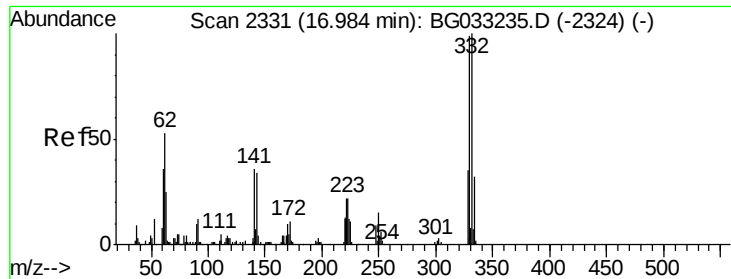
Tot Ion	82	Resp	305607
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	56.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Tgt Ion	164	Resp	117142
Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	46.9	35.4	53.0

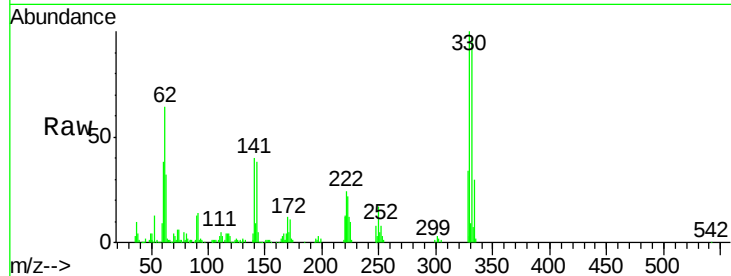




#41
 2,4,6-Tribromophenol
 Concen: 91.246 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.2	25.2	37.8#

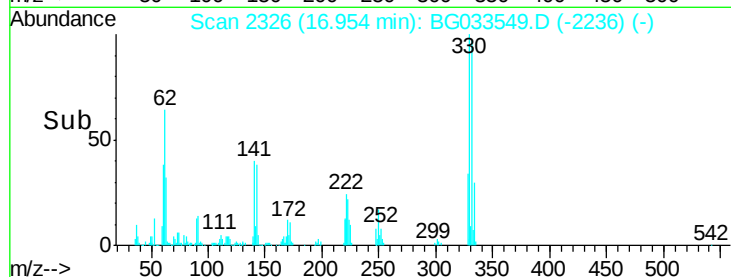
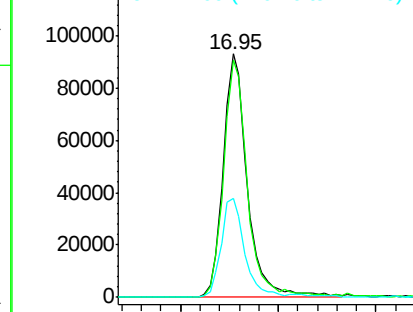


Abundance

Ion 329.80 (329.50 to 330.50): E

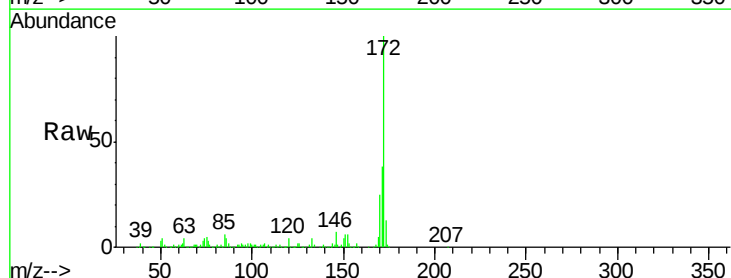
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.798 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.3	19.5	29.3

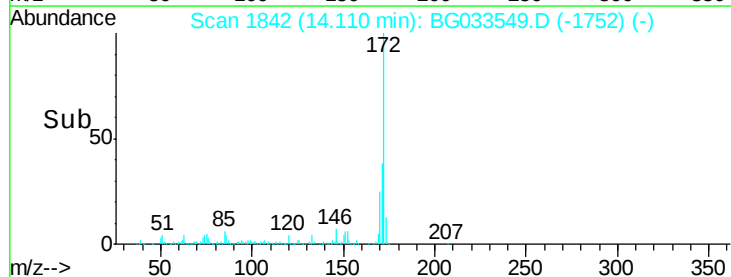
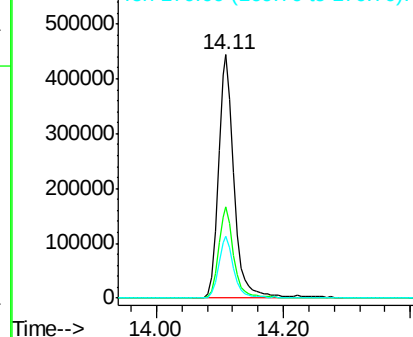


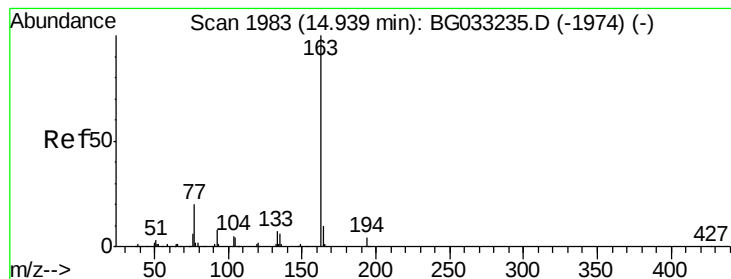
Abundance

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





#49

Dimethylphthalate

Concen: 3.165 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-U-S

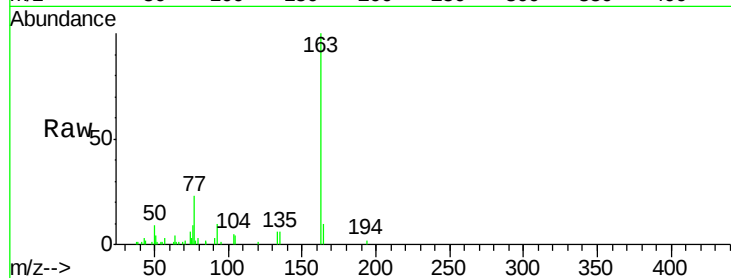
Tot Ion:163 Resp: 32267

Ion Ratio Lower Upper

163 100

194 1.5 3.4 5.2#

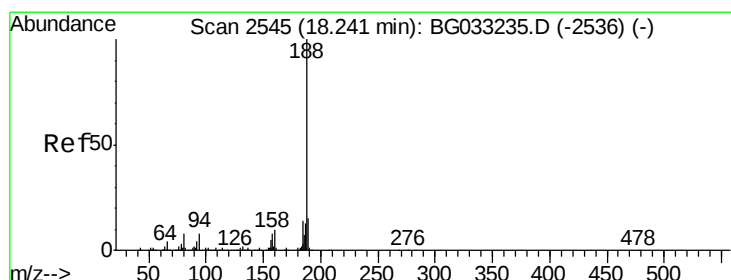
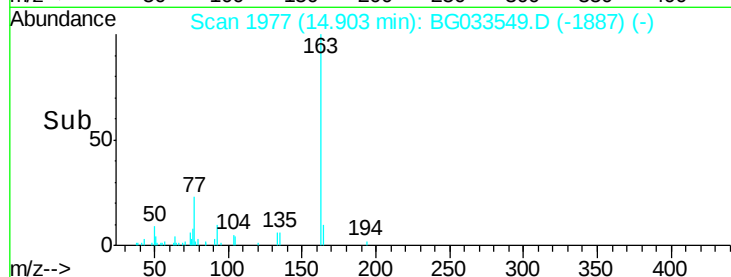
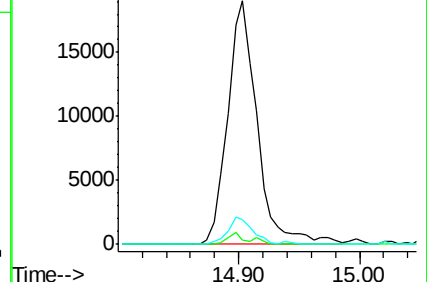
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

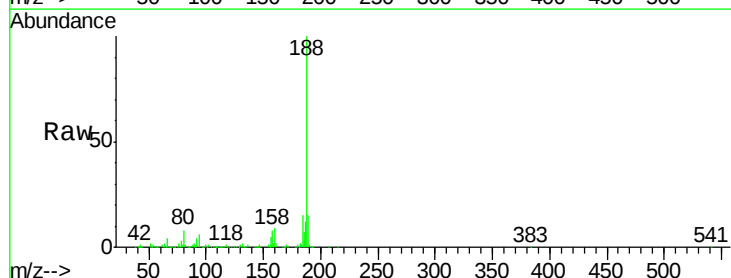
Tgt Ion:188 Resp: 317032

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

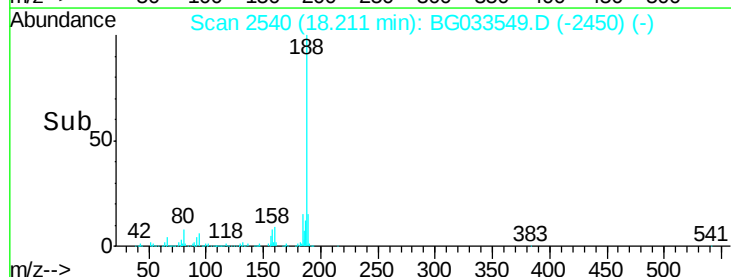
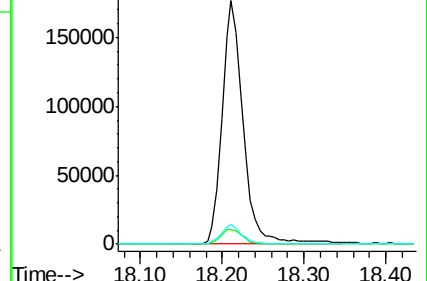
80 8.2 7.7 11.5

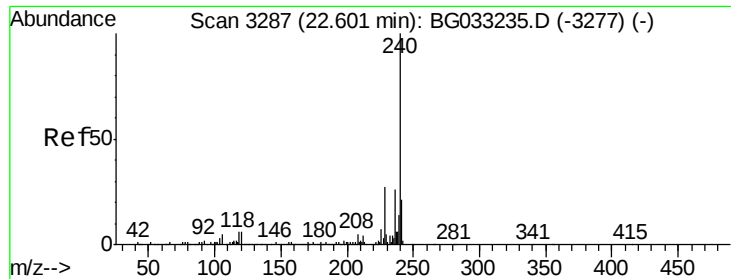


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

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ClientSampleId :

032818-DBRI-F-U-S

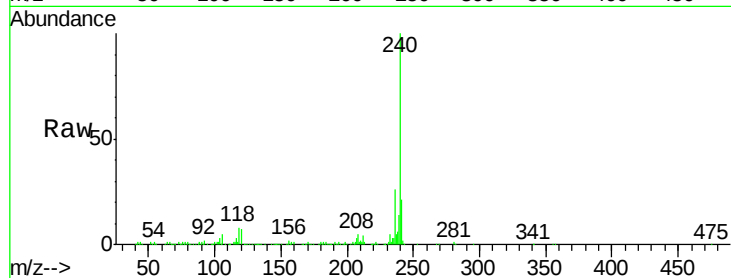
Tot Ion:240 Resp: 322907

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

236 25.6 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

200000

150000

100000

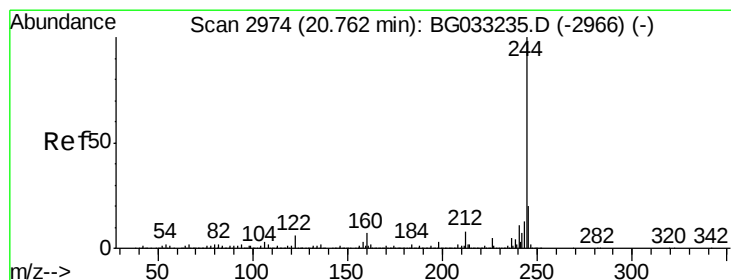
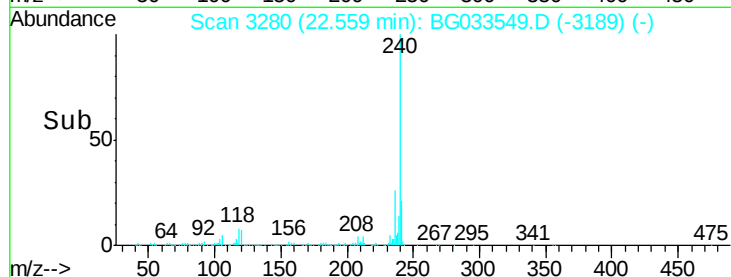
50000

0

22.56

22.50 22.60 22.70

Time-->



#78

Terphenyl-d14

Concen: 93.659 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

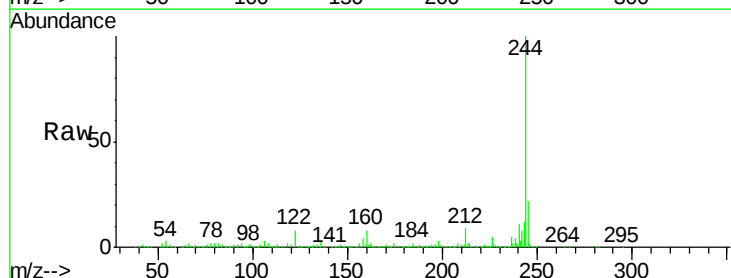
Tgt Ion:244 Resp: 1414159

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 7.8 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

1000000

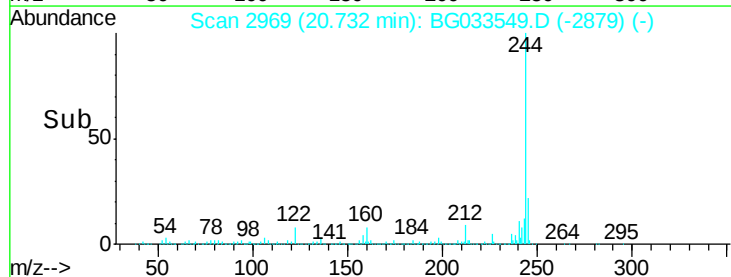
500000

0

20.73

20.60 20.70 20.80 20.90

Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	21.3	17.7	26.5

