

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105062.D
 Acq On : 3 May 2018 6:02
 Operator : JU/SJ
 Sample : J2684-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-B

Quant Time: May 03 07:12:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88232	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	353956	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	153815	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	253294	20.00	ng	0.00
75) Chrysene-d12	14.00	240	208574	20.00	ng	-0.03
86) Perylene-d12	15.55	264	160372	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	230373	39.92	ng	0.00
7) Phenol-d6	6.42	99	168300	23.74	ng	-0.02
23) Nitrobenzene-d5	7.36	82	554590	102.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	143074	89.67	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	993534	102.04	ng	0.00
78) Terphenyl-d14	12.91	244	892466	97.55	ng	0.00

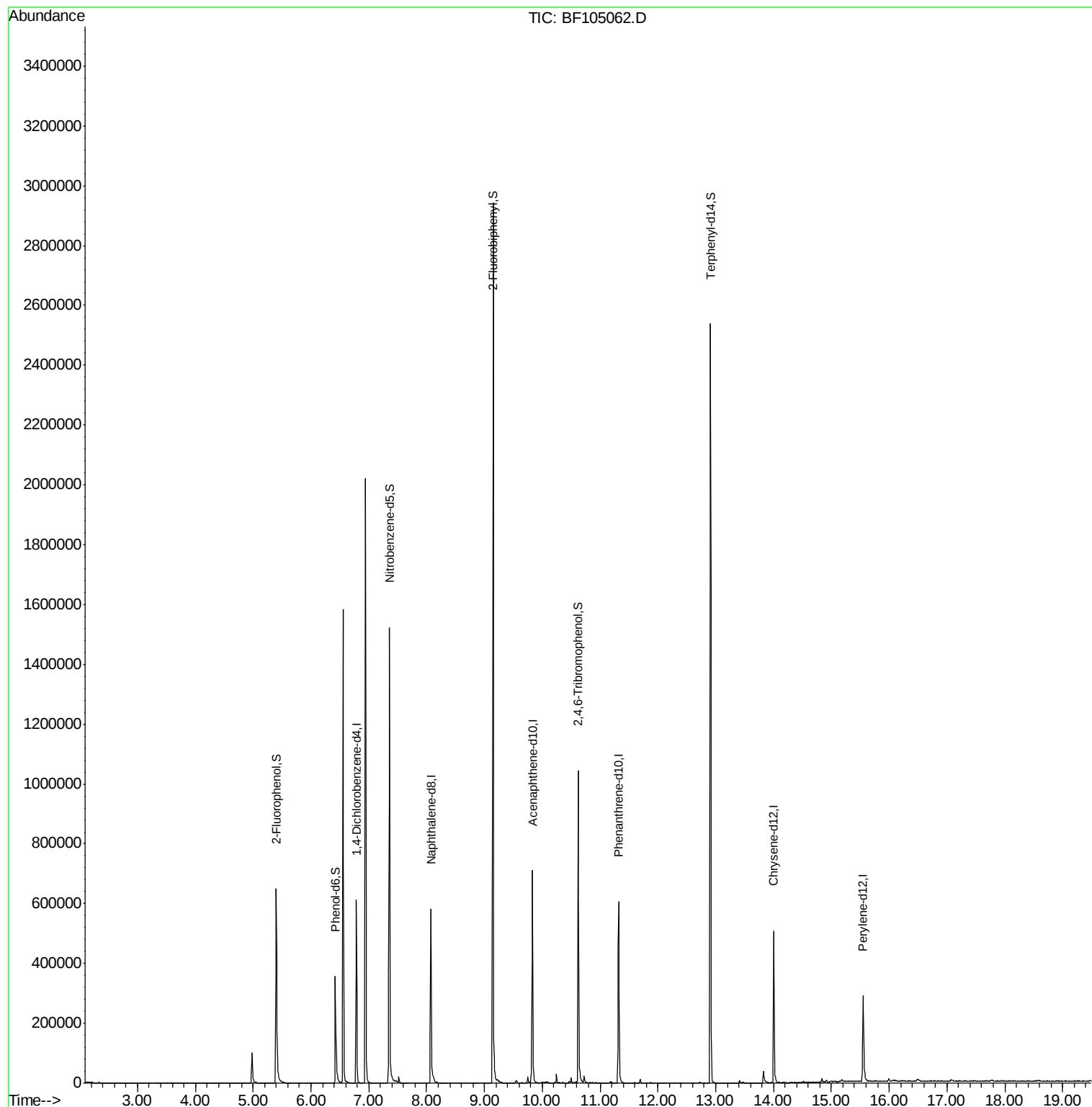
Target Compounds Qvalue

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

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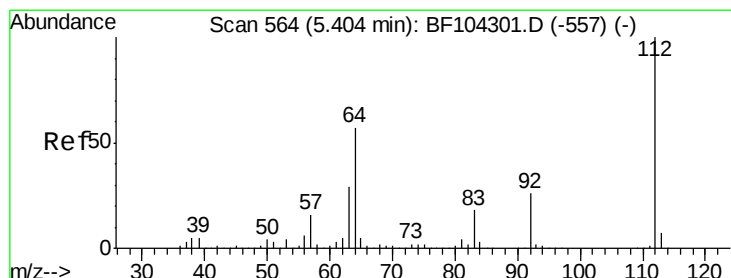
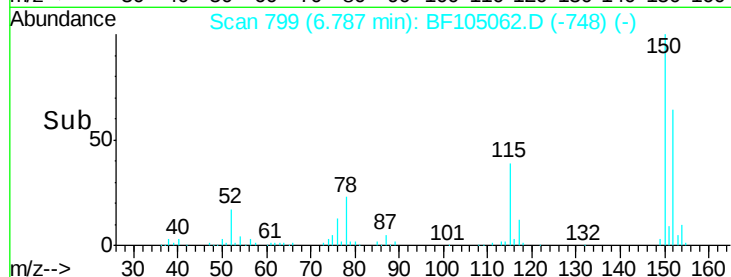
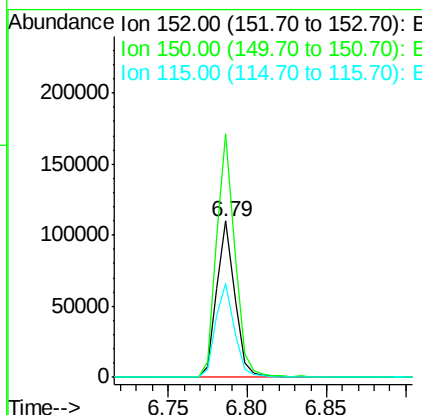
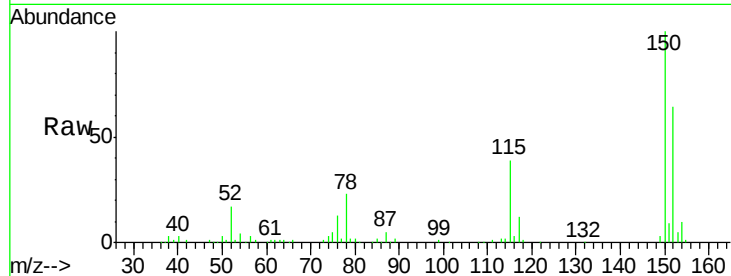


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-B

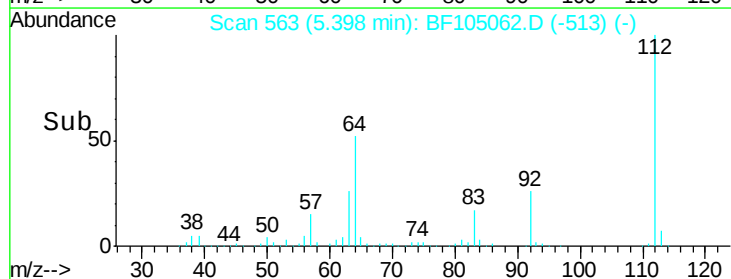
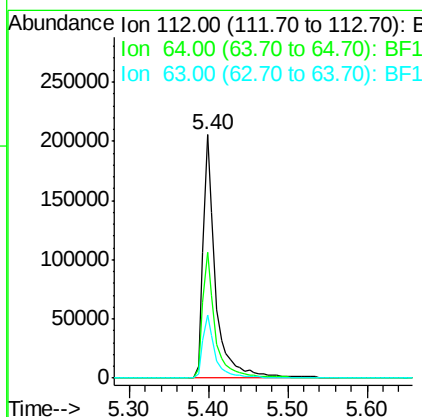
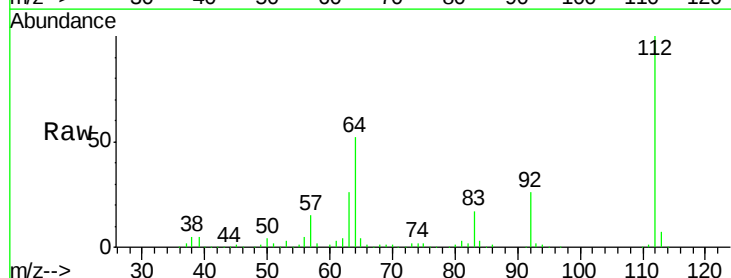
Tot Ion:152 Resp: 88232
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 60.4 50.1 75.1



#5

2-Fluorophenol
 Concen: 39.924 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

Tgt Ion:112 Resp: 230373
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 25.7 23.7 35.5





#7

Phenol-d6

Concen: 23.738 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-B

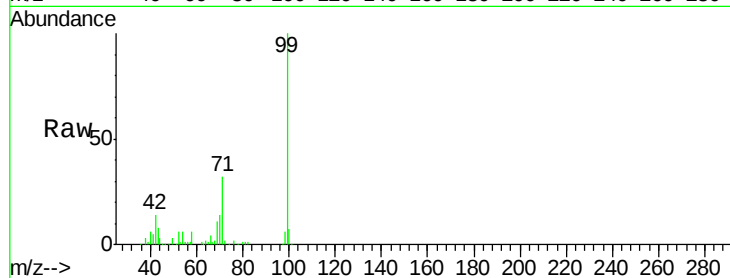
Tot Ion: 99 Resp: 168300

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

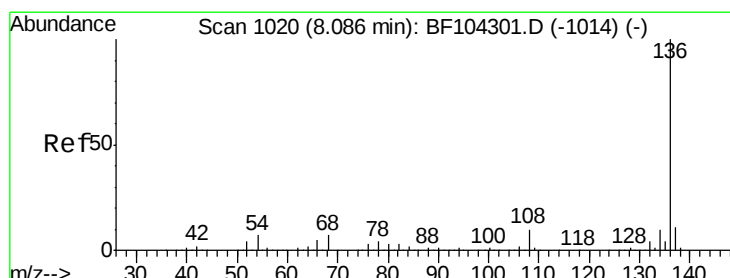
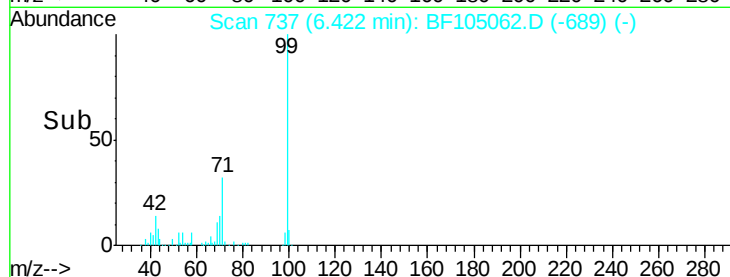
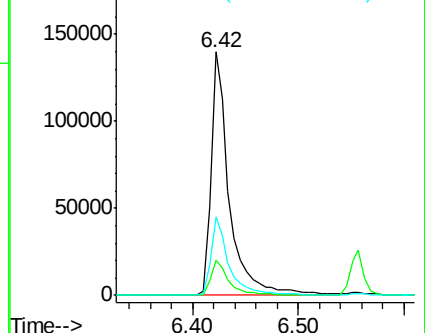
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Tgt Ion: 136 Resp: 353956

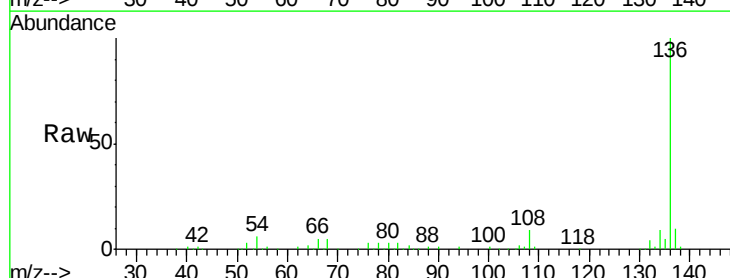
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 5.8 6.6 9.8#

68 5.3 5.0 7.4

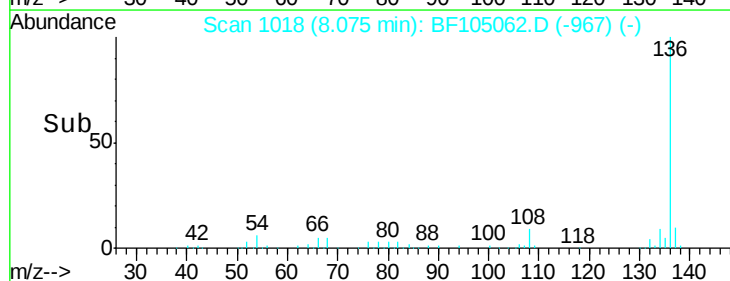
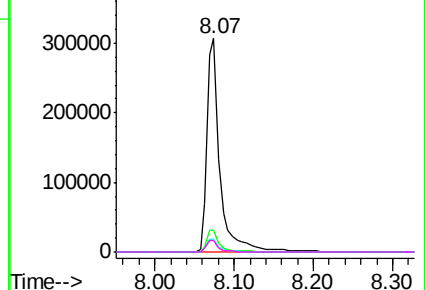


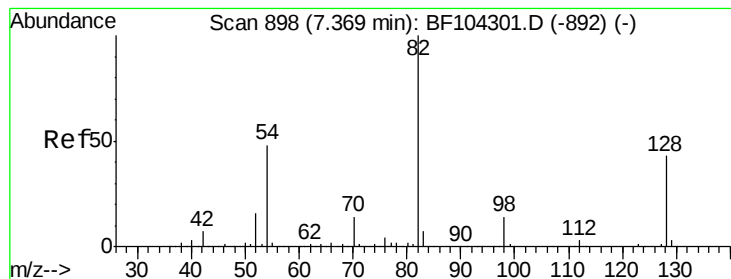
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 102.311 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Instrument :

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ClientSampleId :

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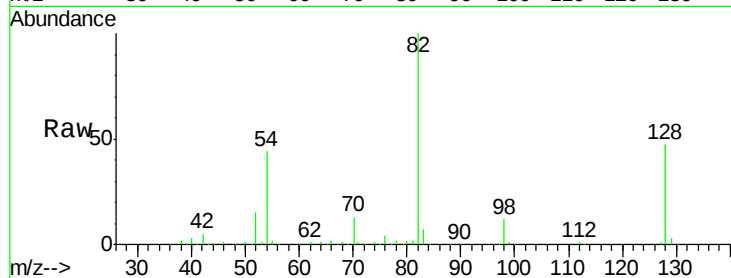
Tot Ion: 82 Resp: 554590

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

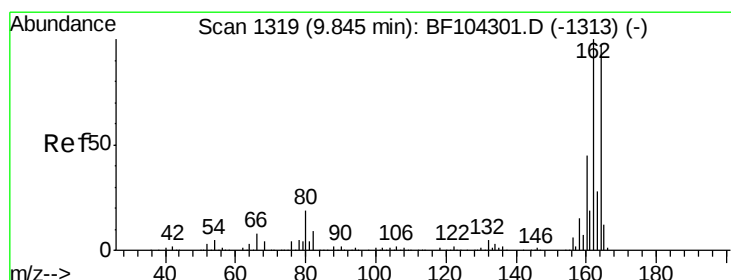
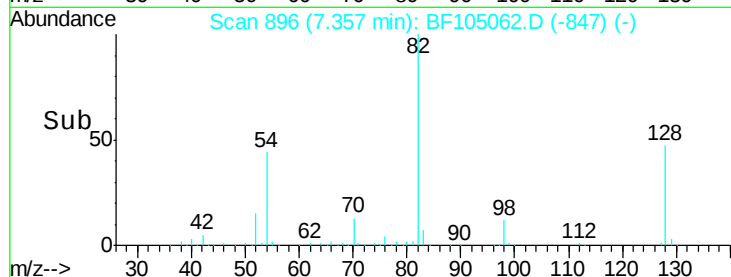
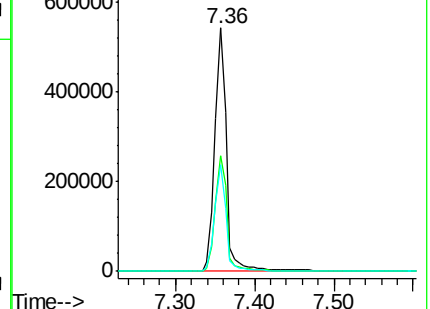
54 43.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

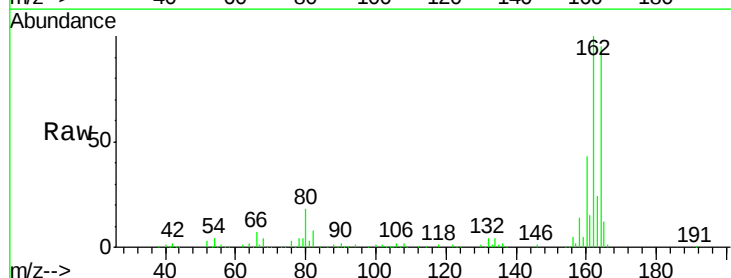
Tgt Ion:164 Resp: 153815

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

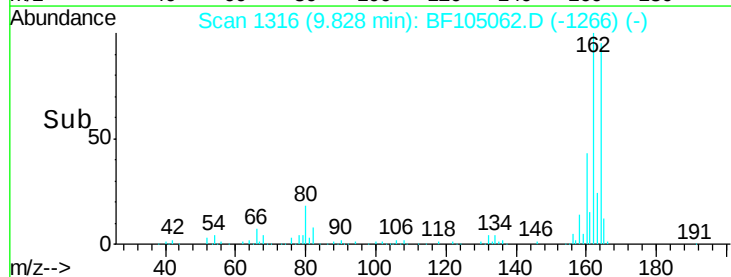
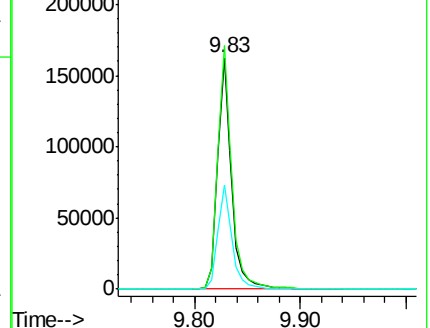
160 45.0 38.3 57.5



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: 89.670 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-B

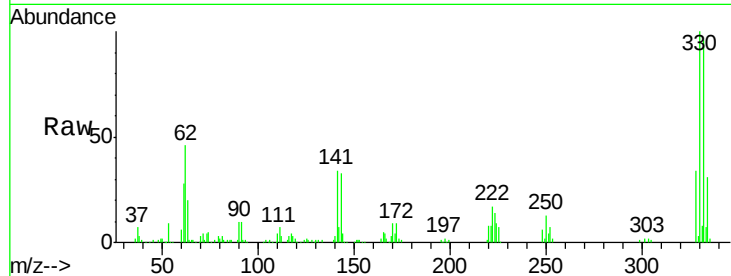
Tot Ion:330 Resp: 143074

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

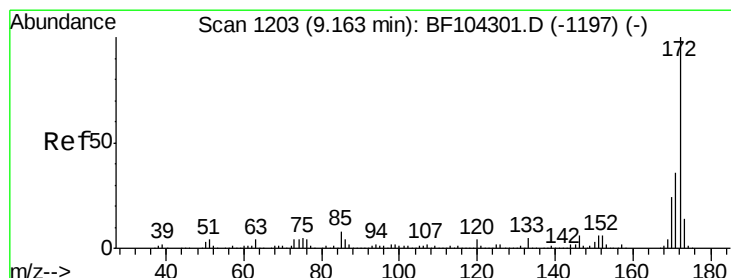
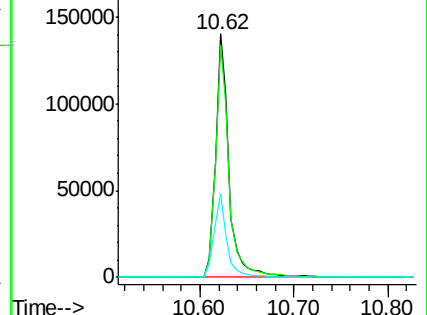
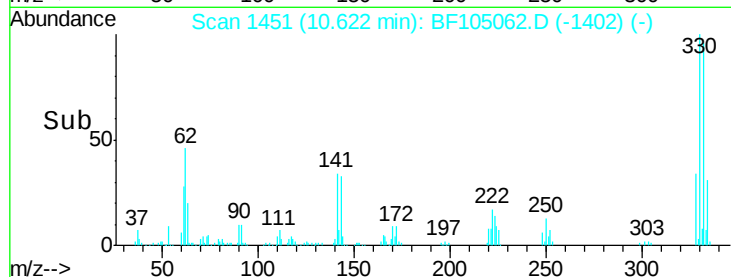
141 32.7 29.9 44.9



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: 102.041 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

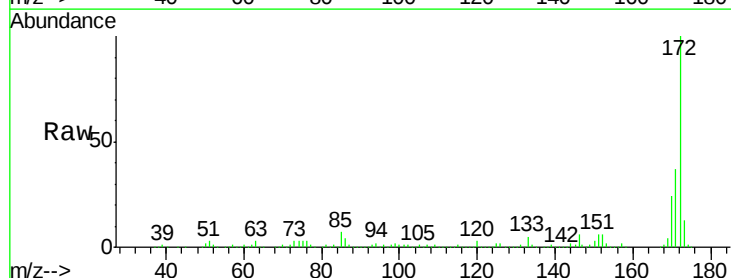
Tgt Ion:172 Resp: 993534

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

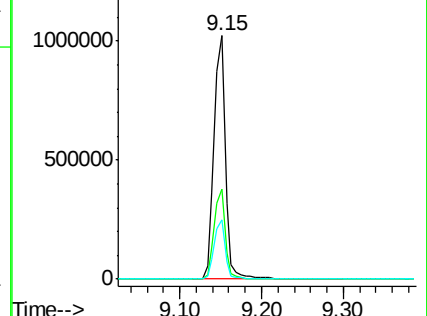
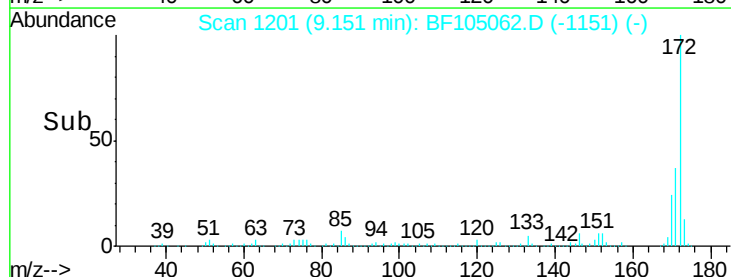
170 24.3 19.6 29.4

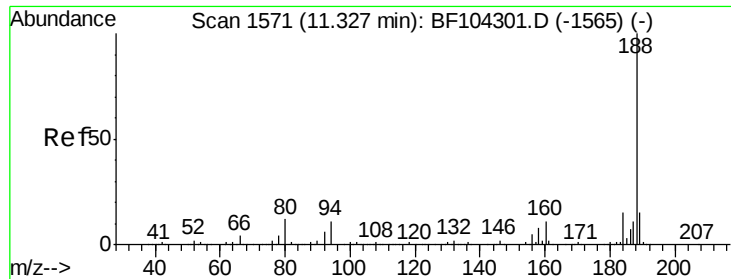


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

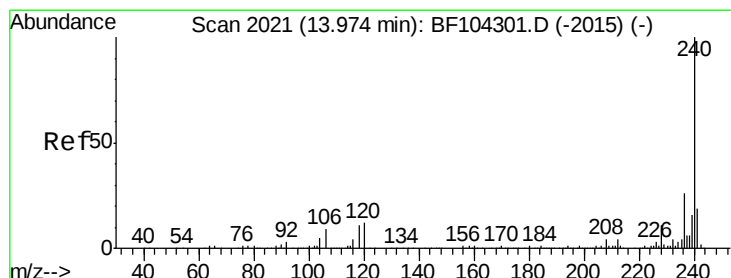
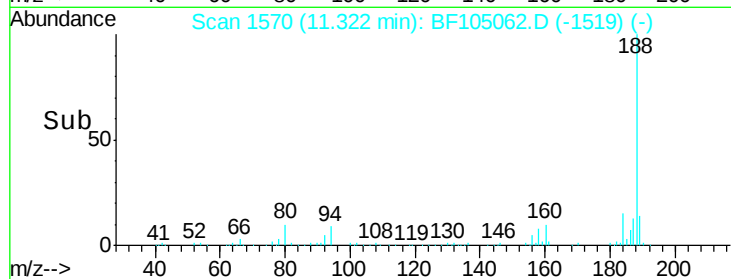
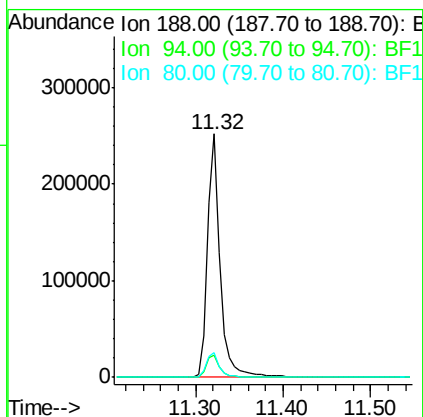
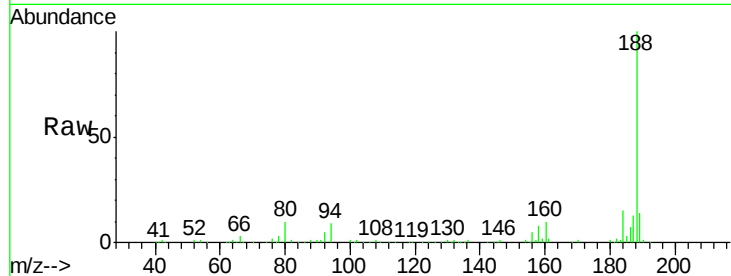




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105062.D
Acq: 3 May 2018 6:02

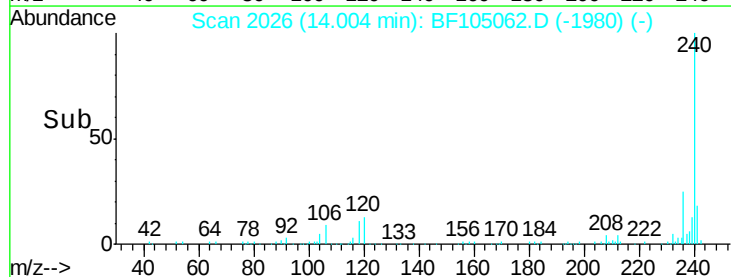
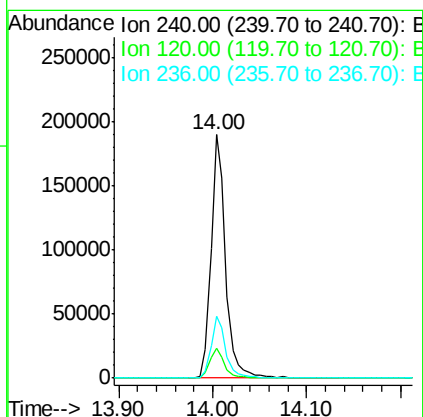
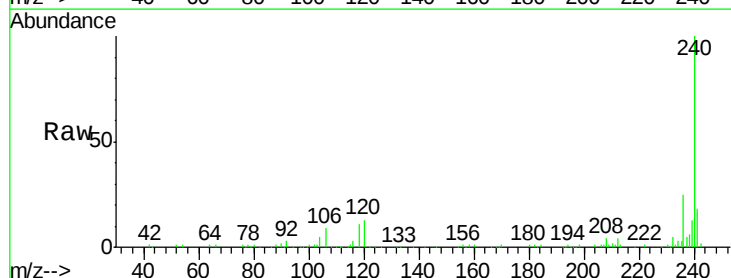
Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-U-B

Tot Ion:188 Resp: 253294
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105062.D
Acq: 3 May 2018 6:02

Tgt Ion:240 Resp: 208574
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 97.551 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-B

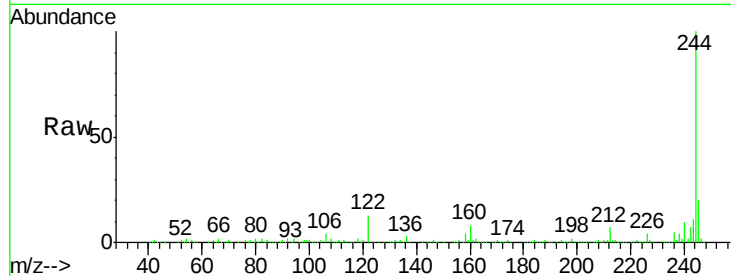
Tot Ion:244 Resp: 892466

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

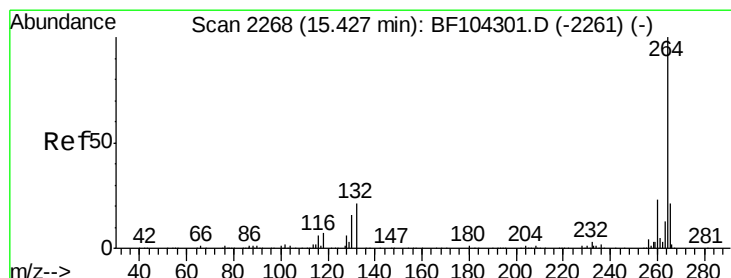
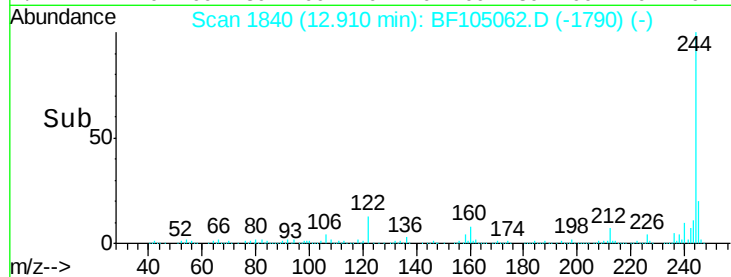
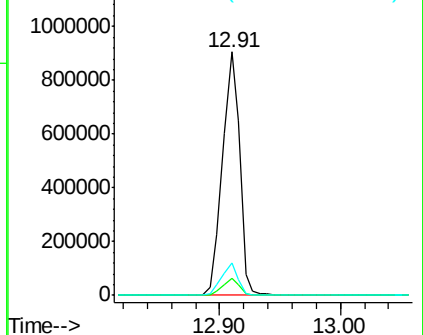
122 13.2 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. -0.04 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

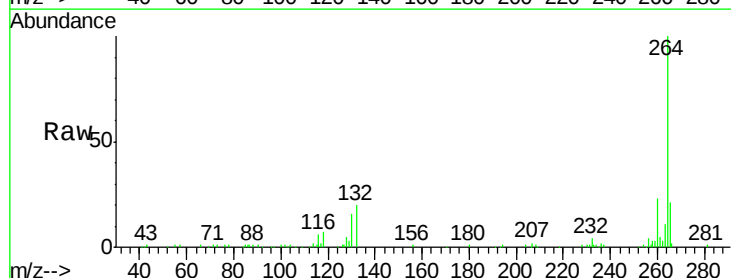
Tgt Ion:264 Resp: 160372

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 17.5 26.3



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

