

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103358.D
 Acq On : 2 Mar 2018 11:32
 Operator : SJ/JU
 Sample : PB106964BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BL

Quant Time: Mar 02 13:43:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139029	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576374	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263486	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	469826	20.00	ng	0.00
75) Chrysene-d12	14.06	240	341375	20.00	ng	0.00
86) Perylene-d12	15.57	264	255899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	989803	107.68	ng	0.01
7) Phenol-d6	6.51	99	1186152	105.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	782776	77.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	199926	89.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1213636	77.74	ng	0.00
78) Terphenyl-d14	13.00	244	1084590	76.37	ng	0.00

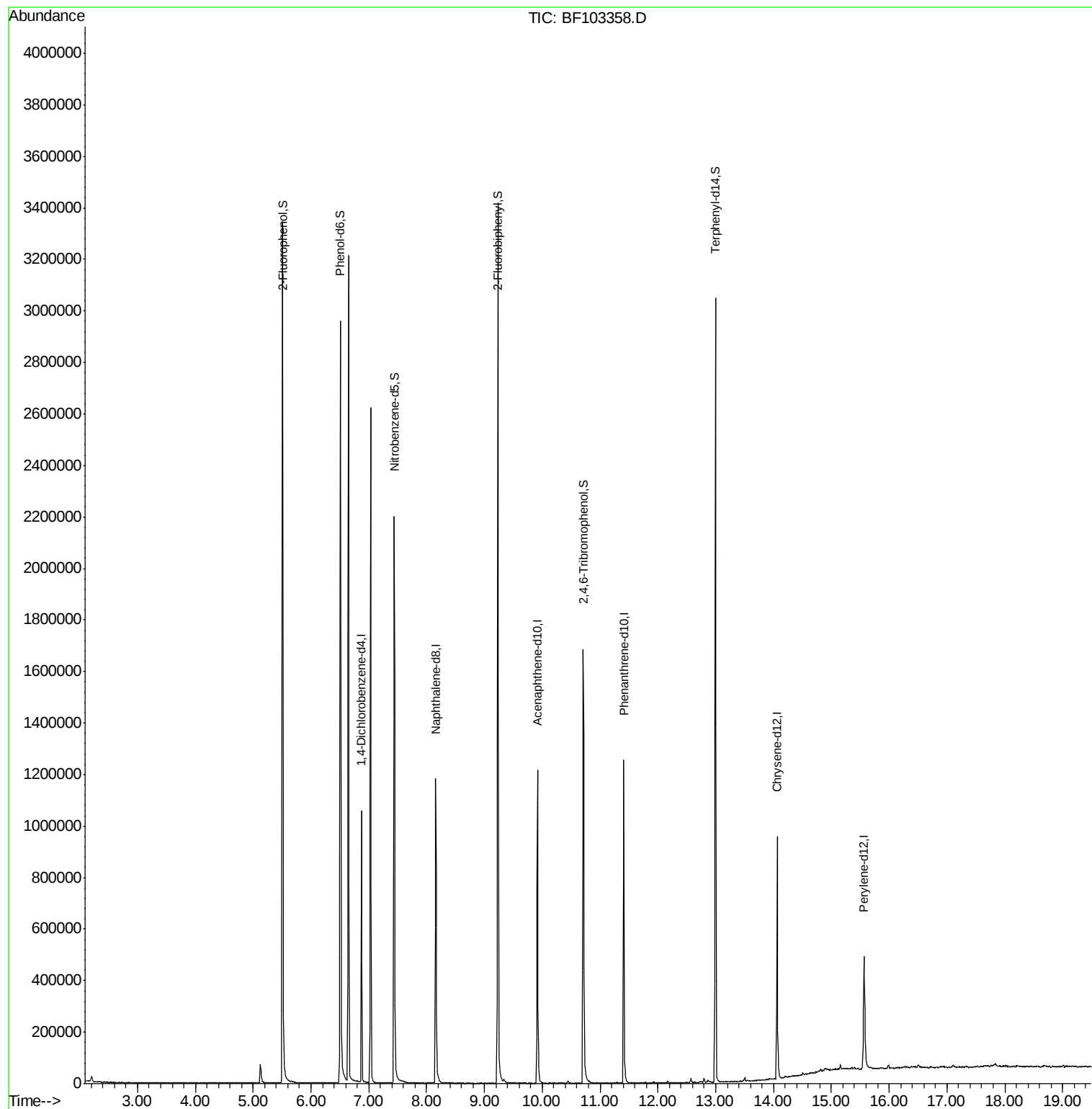
Target Compounds Qvalue

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

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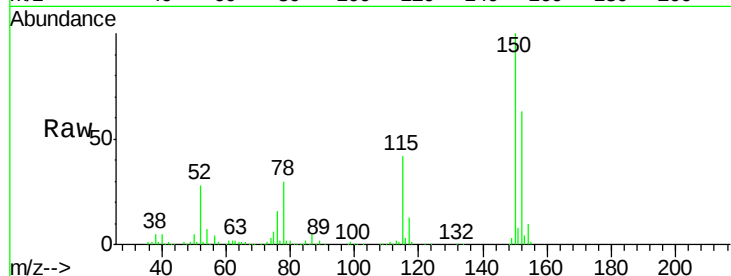


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	66.8	50.1	75.1

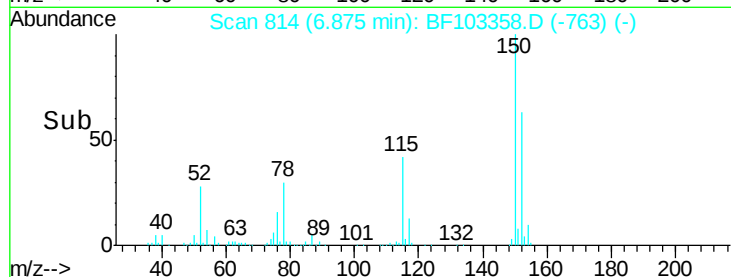
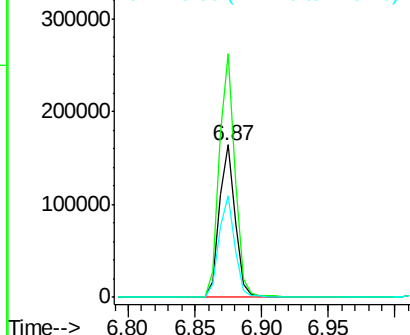


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

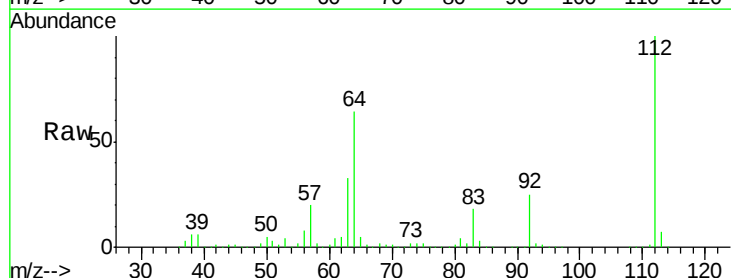
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.676 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.7	23.7	35.5

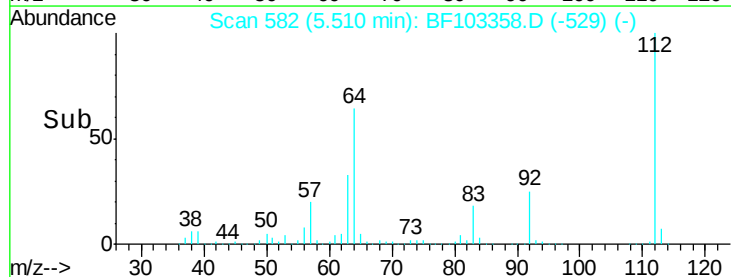
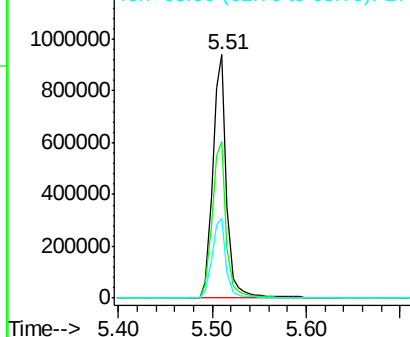


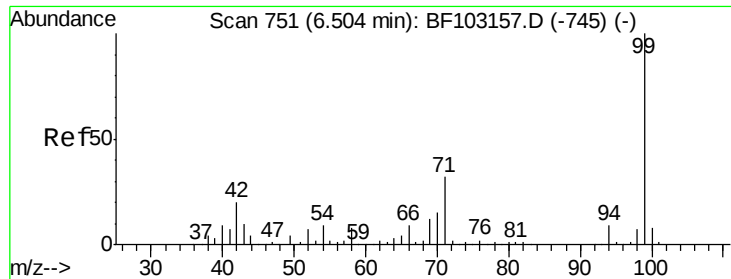
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.451 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampled :

PB106964BL

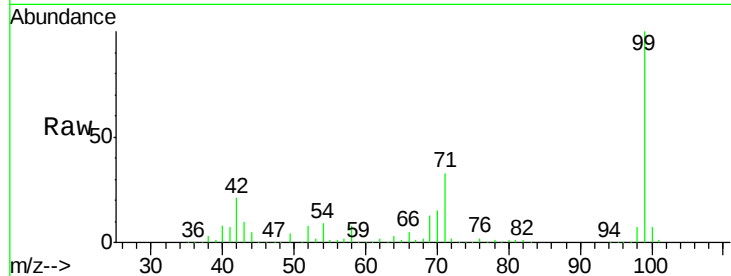
Tot Ion: 99 Resp: 1186152

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

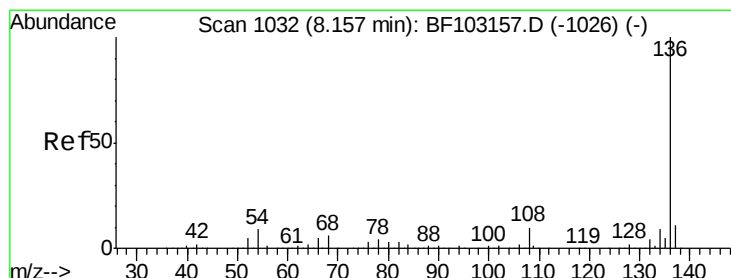
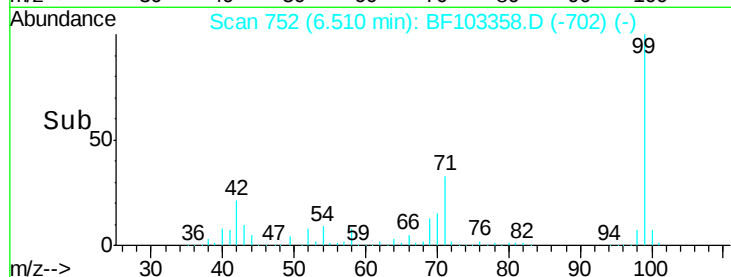
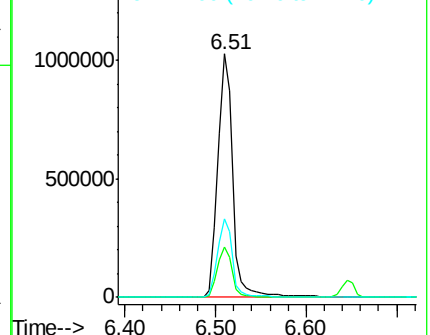
71 32.5 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Tgt Ion:136 Resp: 576374

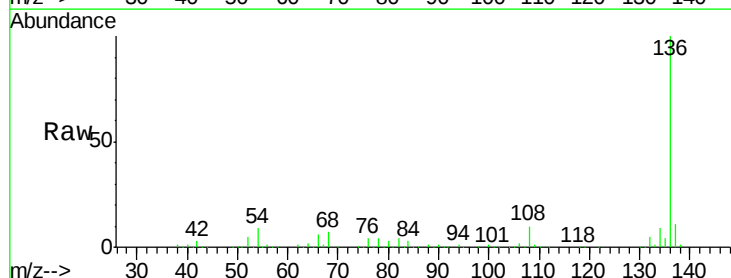
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.4 6.6 9.8

68 7.1 5.0 7.4

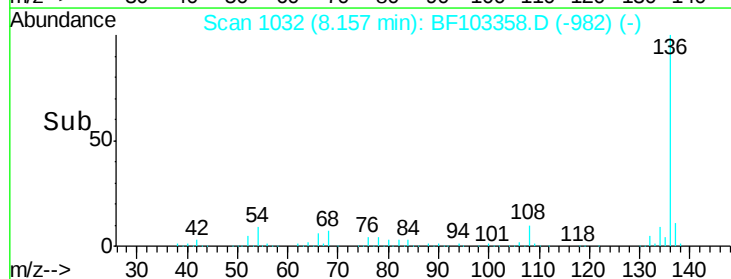
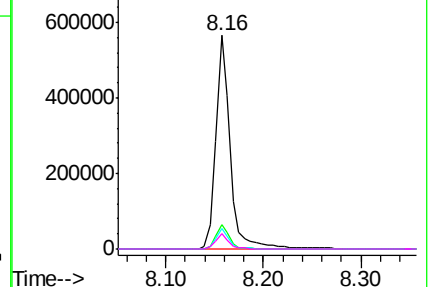


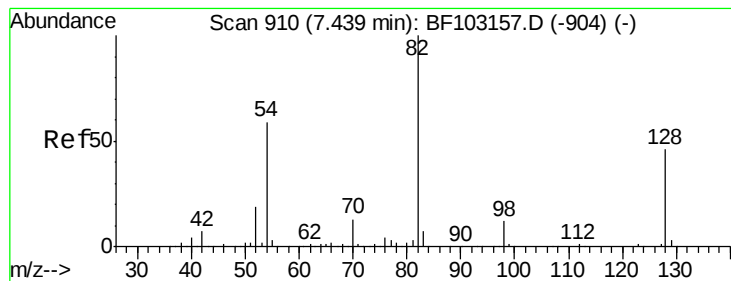
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.559 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB106964BL

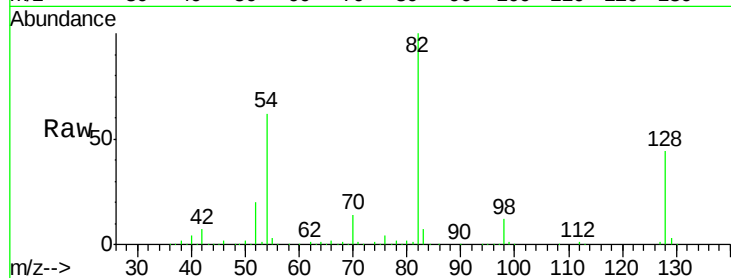
Tot Ion: 82 Resp: 782776

Ion Ratio Lower Upper

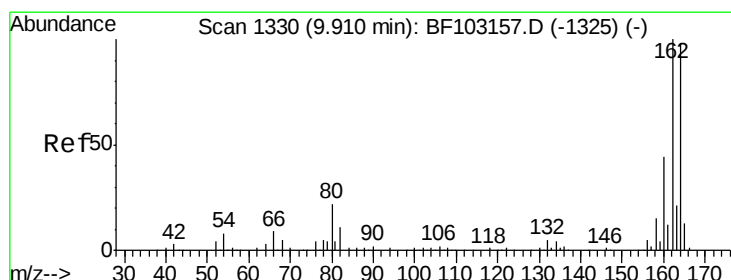
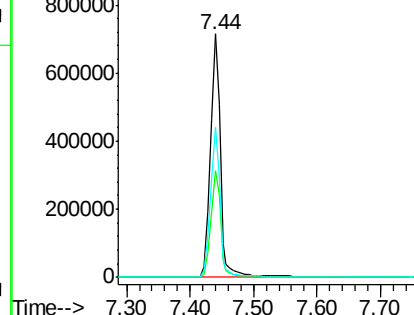
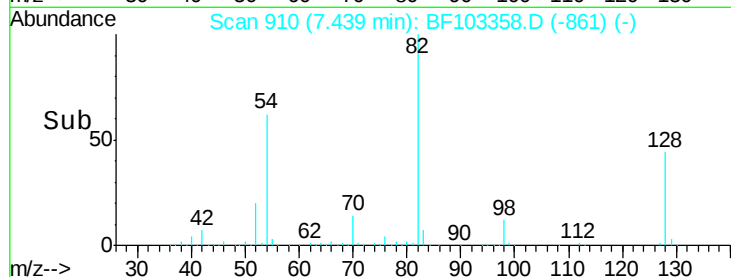
82 100

128 43.9 36.1 54.1

54 61.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

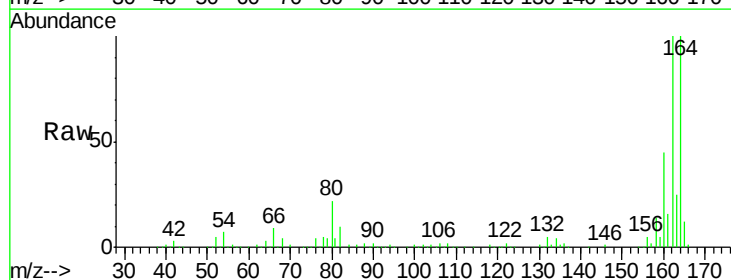
Tgt Ion:164 Resp: 263486

Ion Ratio Lower Upper

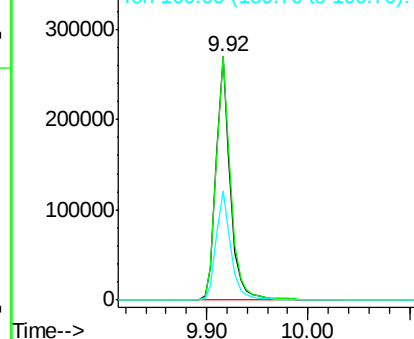
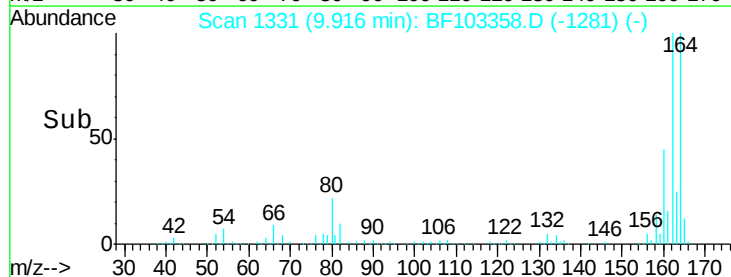
164 100

162 99.9 86.1 129.1

160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

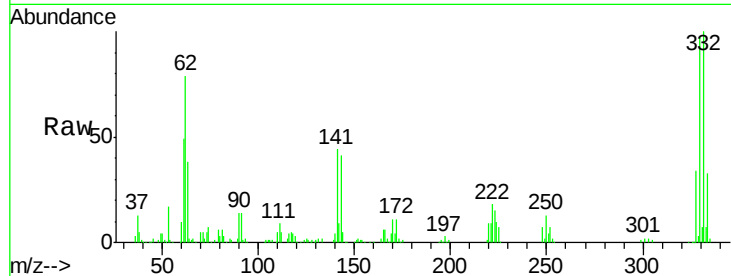




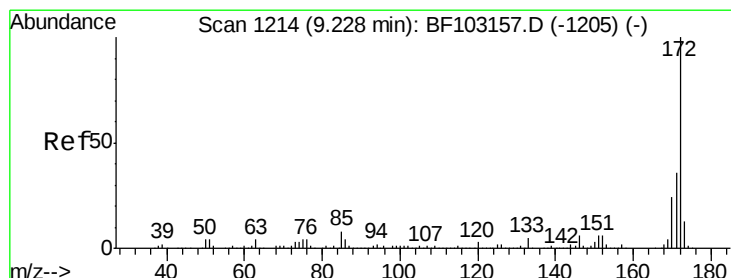
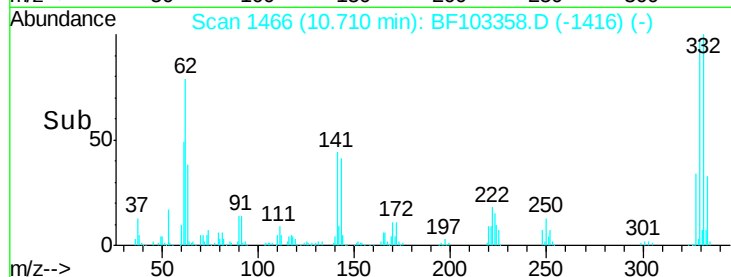
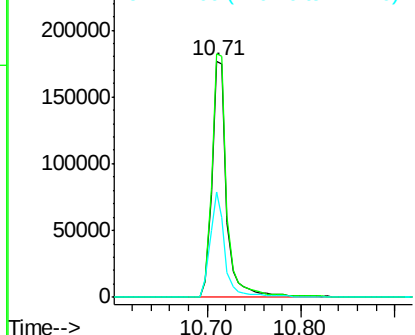
#41
 2,4,6-Tribromophenol
 Concen: 89.642 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BL

Tot Ion:330 Resp: 199926
 Ion Ratio Lower Upper
 330 100
 332 105.0 77.0 115.6
 141 44.6 29.9 44.9

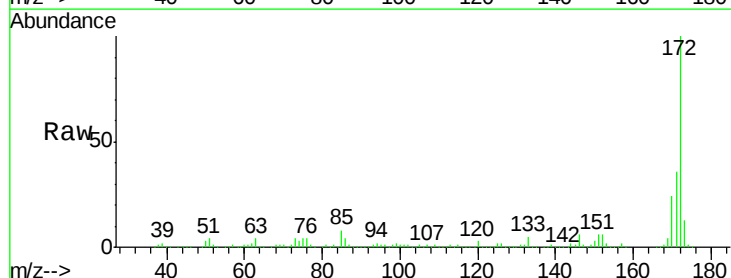


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

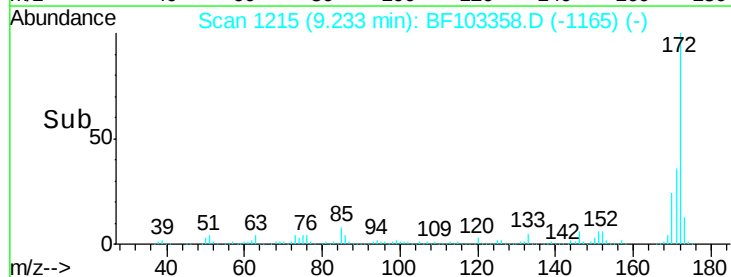
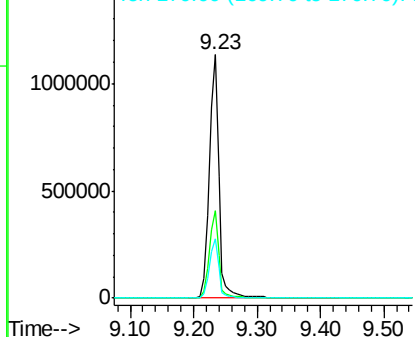


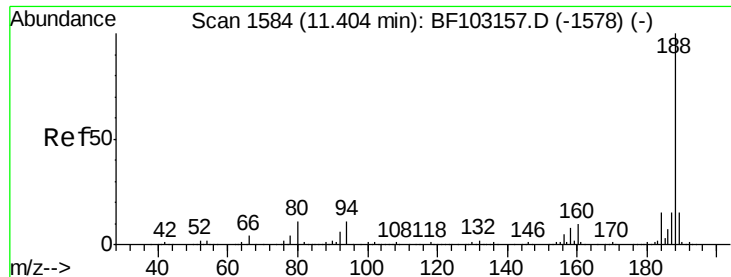
#44
 2-Fluorobiphenyl
 Concen: 77.736 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

Tgt Ion:172 Resp: 1213636
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.4 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

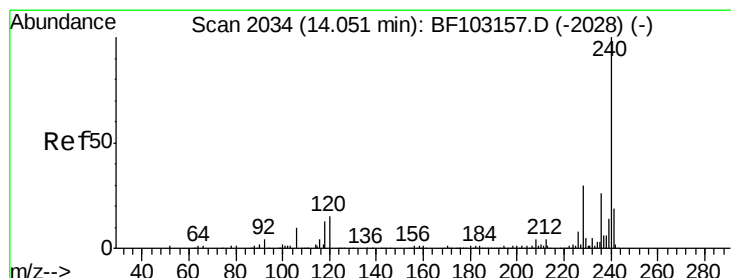
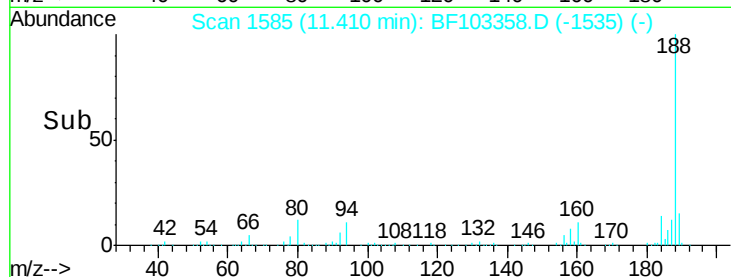
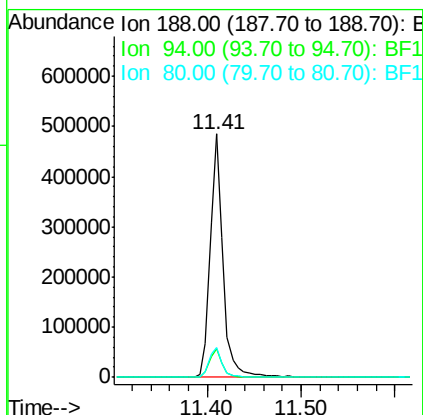
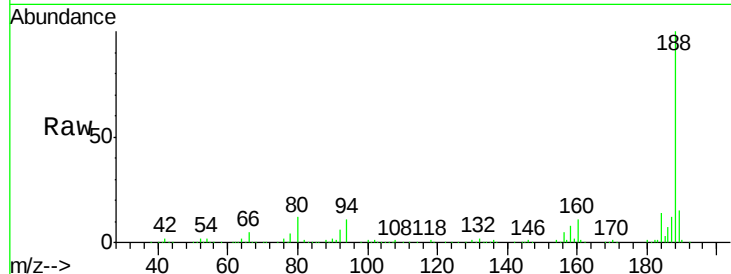




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

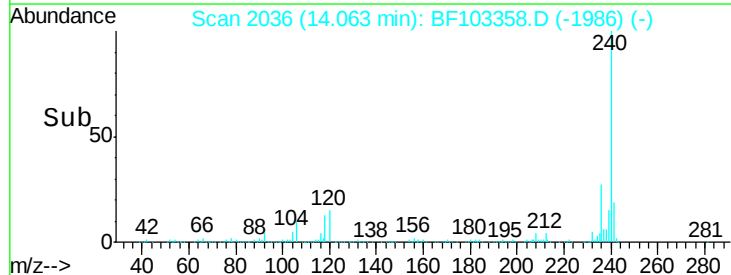
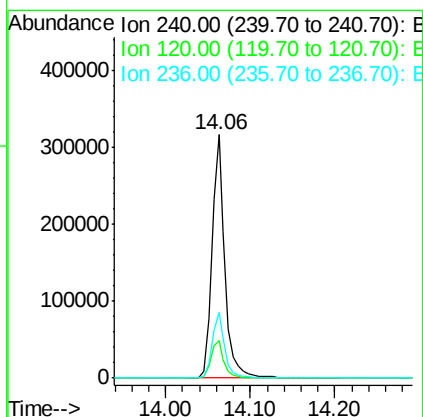
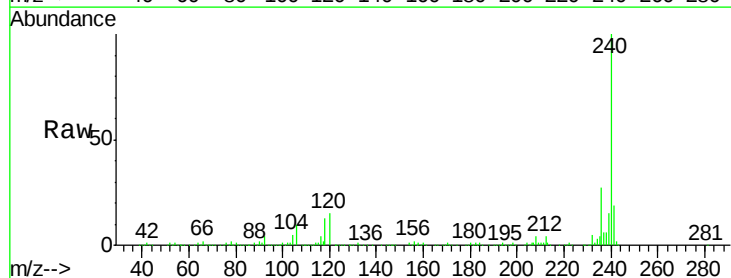
Instrument :
BNA_F
ClientSampleId :
PB106964BL

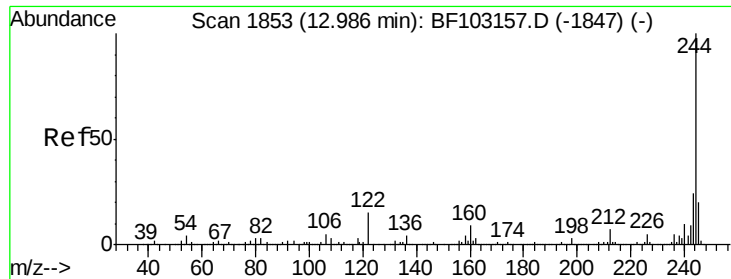
Tot Ion:188 Resp: 469826
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:240 Resp: 341375
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 76.374 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB106964BL

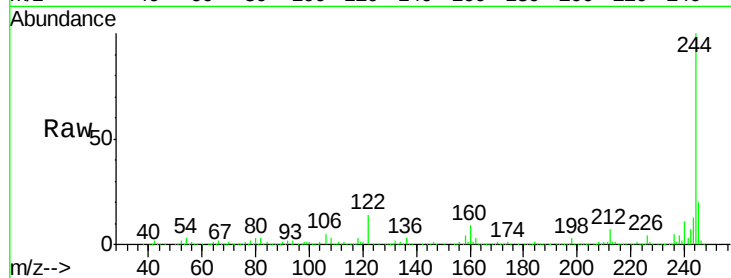
Tot Ion:244 Resp: 1084590

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

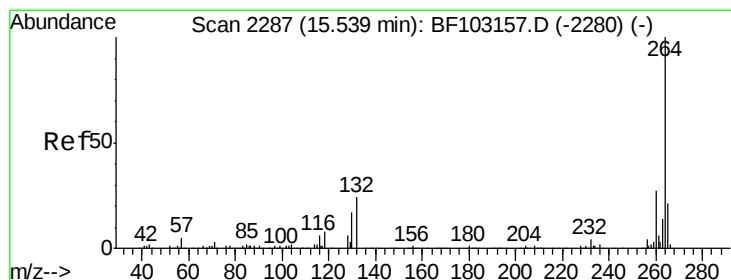
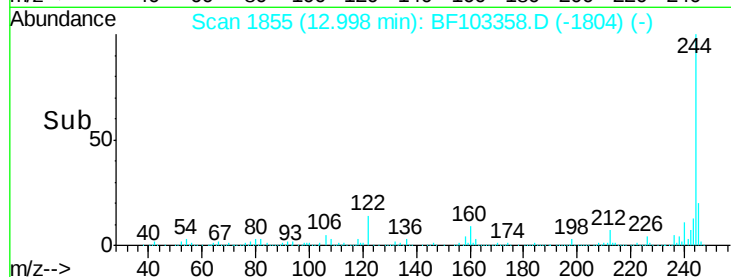
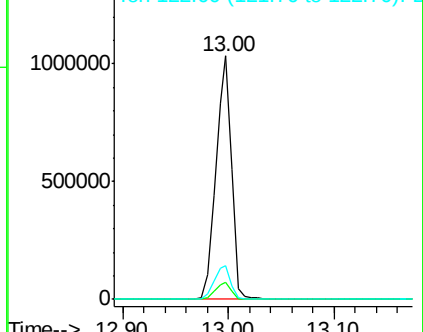
122 14.0 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

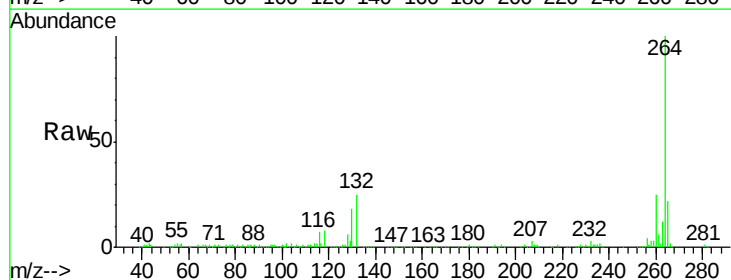
Tgt Ion:264 Resp: 255899

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.6 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

