

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103110.D
 Acq On : 20 Feb 2018 4:26
 Operator : SJ/JU
 Sample : PB106657TB
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106657TB

Quant Time: Feb 20 05:34:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161115	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	687152	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	294838	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	461942	20.00	ng	0.00
75) Chrysene-d12	14.04	240	302227	20.00	ng	-0.01
86) Perylene-d12	15.53	264	263688	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1143959	107.83	ng	0.01
7) Phenol-d6	6.51	99	1346473	105.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	872849	88.12	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	230720	97.22	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1416705	79.73	ng	0.00
78) Terphenyl-d14	12.99	244	1046593	81.99	ng	0.00

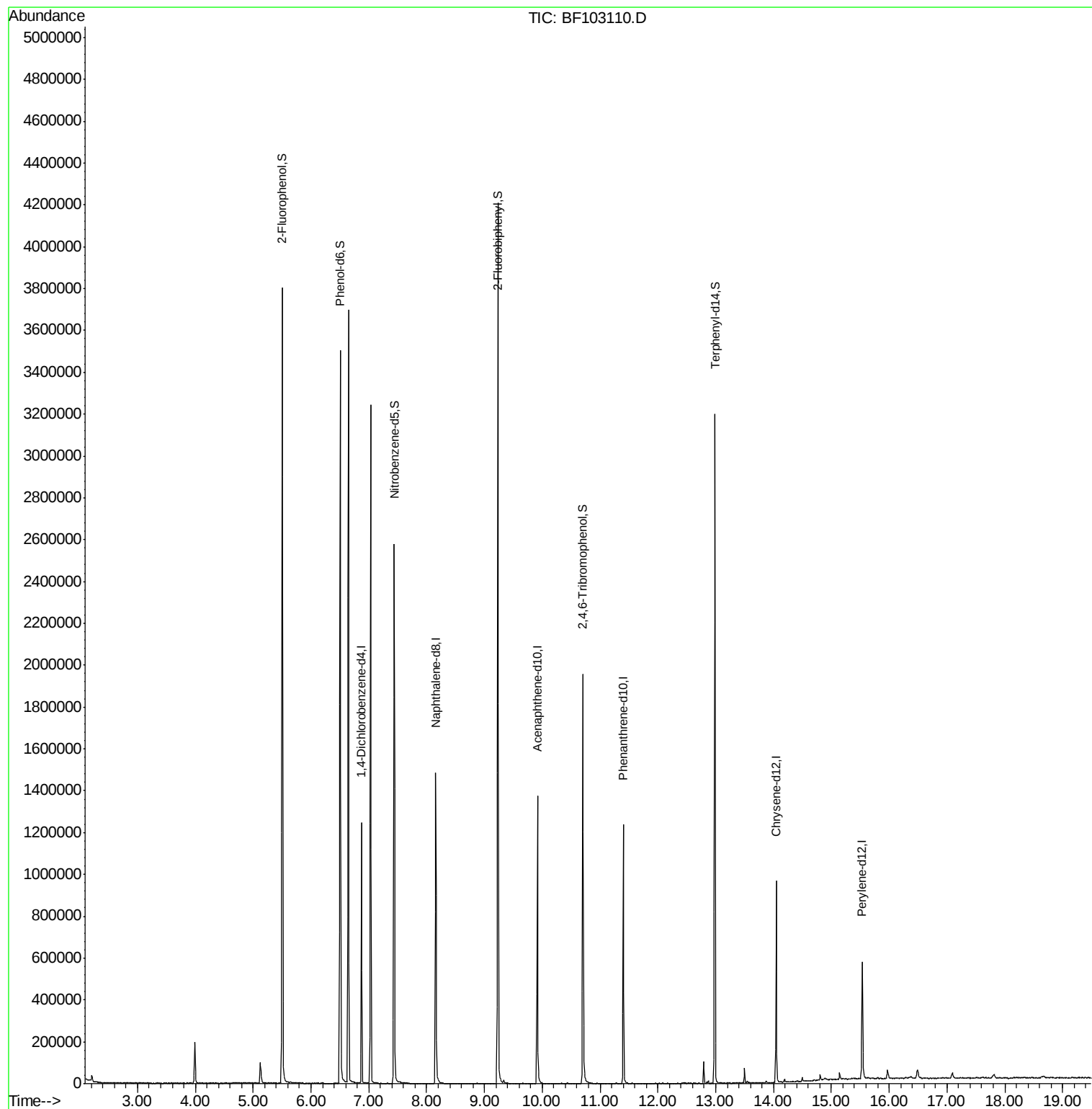
Target Compounds	Qvalue
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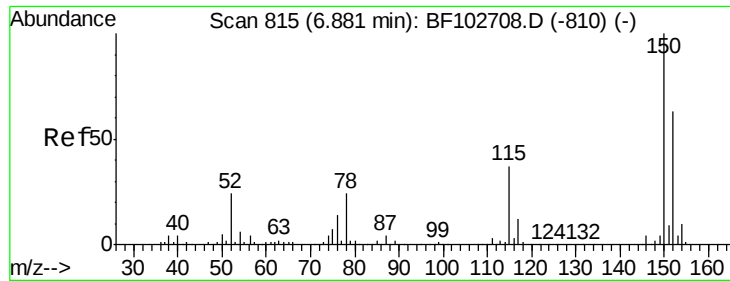
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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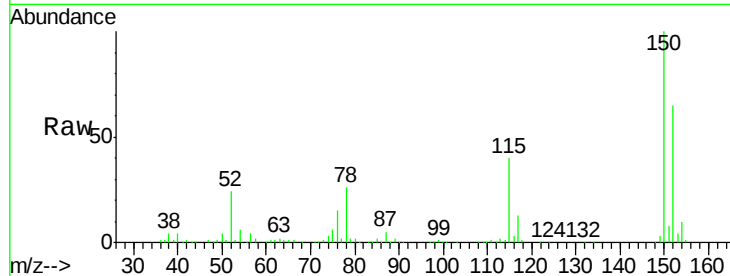


#1

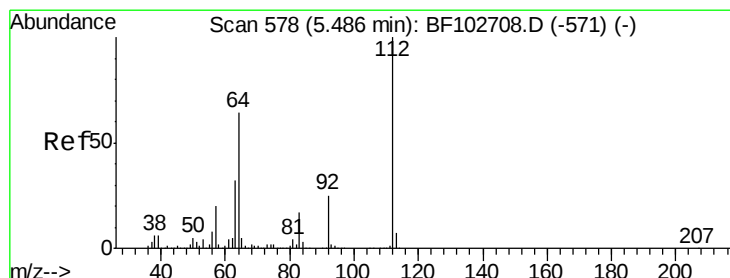
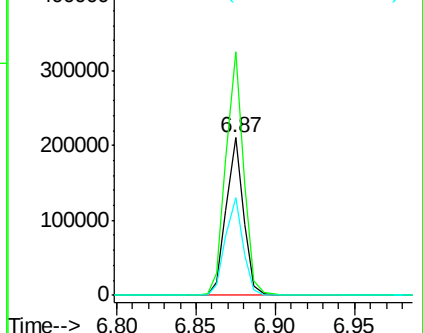
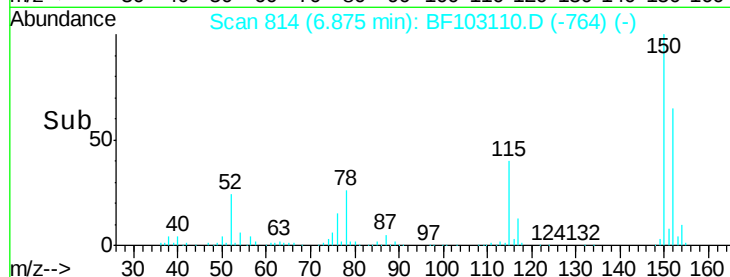
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :
PB106657TB

Tgt Ion:152 Resp: 161115
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 61.9 50.1 75.1



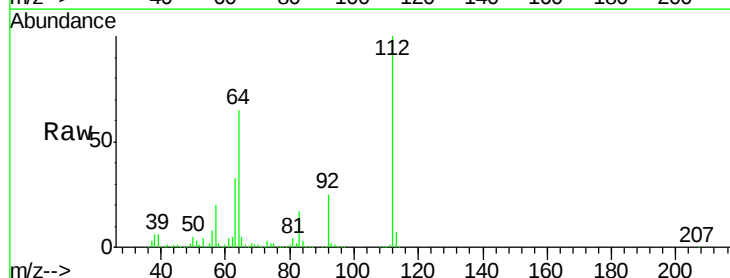
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



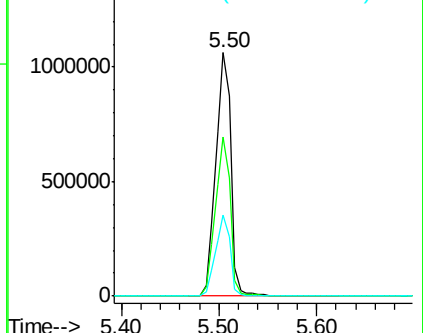
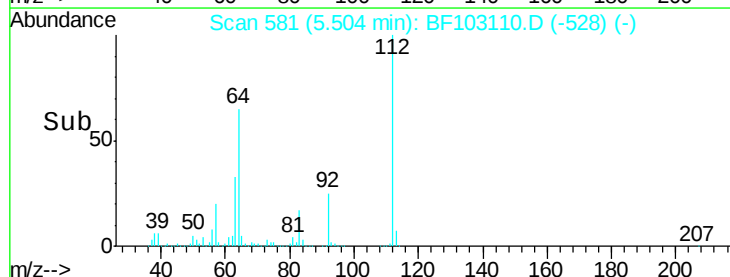
#5

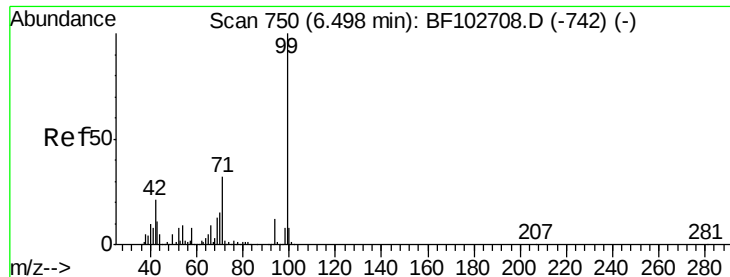
2-Fluorophenol
Concen: 107.829 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:112 Resp: 1143959
Ion Ratio Lower Upper
112 100
64 65.3 47.9 71.9
63 33.1 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: 105.408 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103110.D

Acq: 20 Feb 2018 4:26

Instrument :

BNA_F

ClientSampleId :

PB106657TB

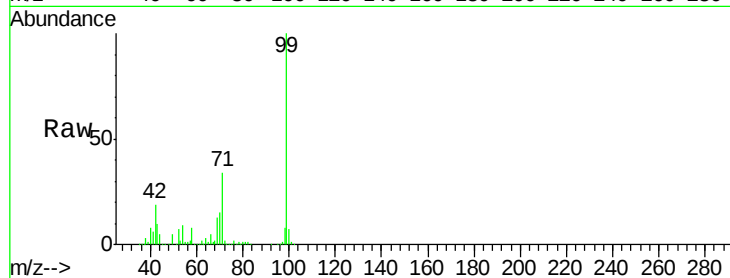
Tgt Ion: 99 Resp: 1346473

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

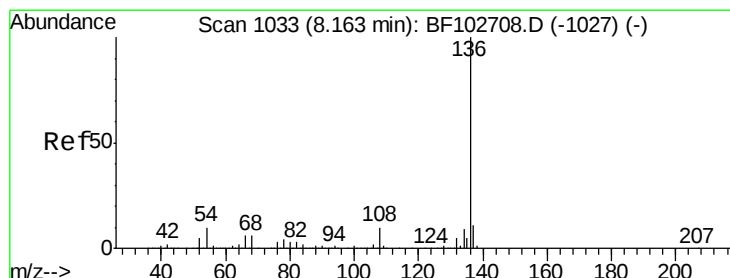
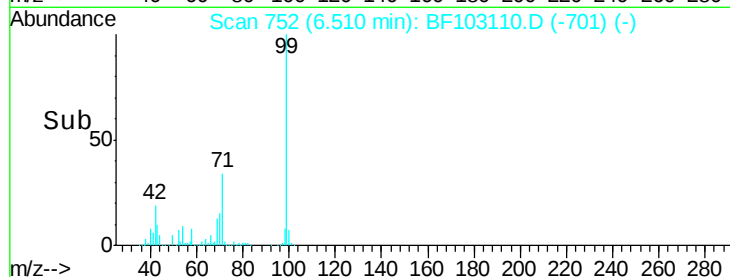
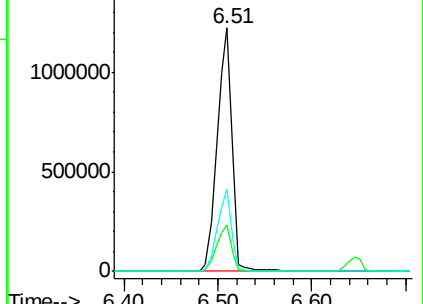
71 33.6 25.4 38.0



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: BF103110.D

Acq: 20 Feb 2018 4:26

Tgt Ion: 136 Resp: 687152

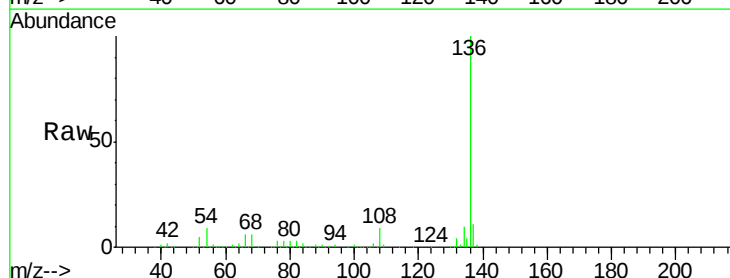
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.3 5.0 7.4

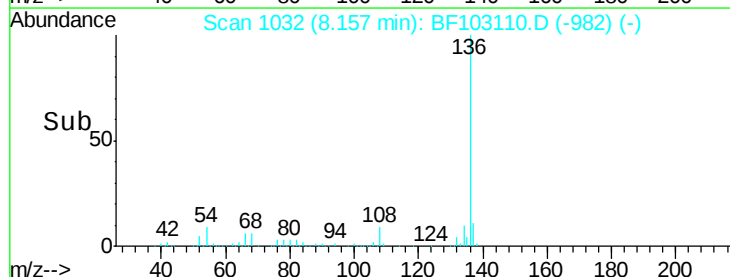
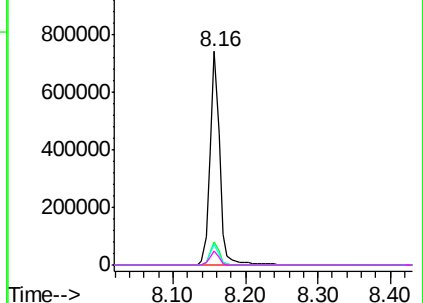


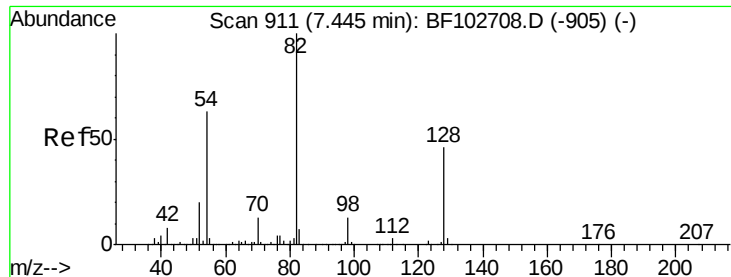
Abundance Ion 136.00 (135.70 to 136.70): E

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

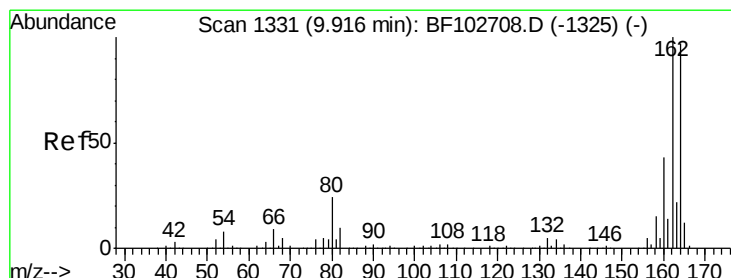
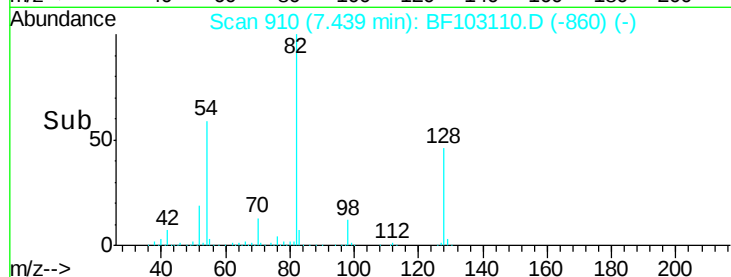
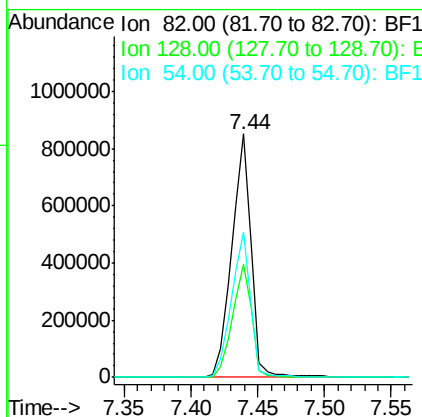
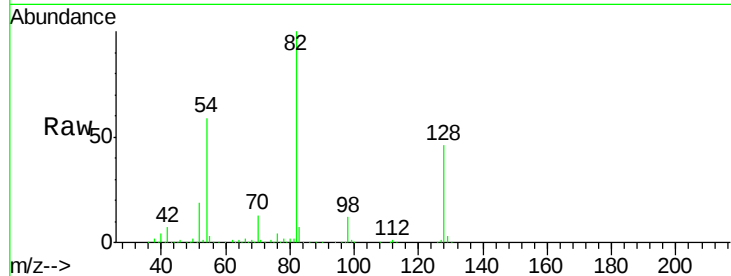




#23
 Nitrobenzene-d5
 Concen: 88.117 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103110.D
 Acq: 20 Feb 2018 4:26

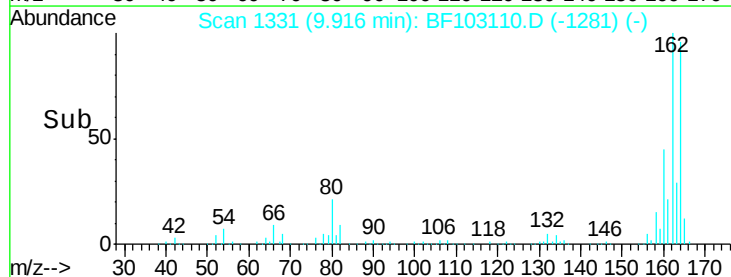
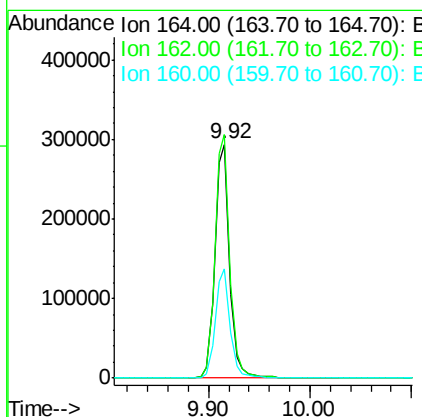
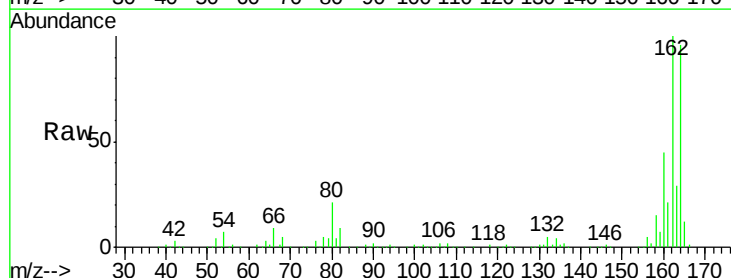
Instrument :
 BNA_F
 ClientSampleId :
 PB106657TB

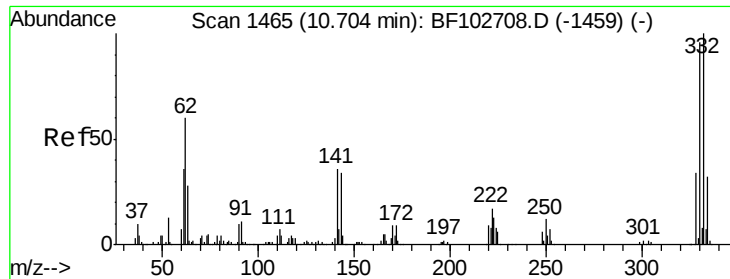
Tgt Ion: 82 Resp: 872849
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 59.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103110.D
 Acq: 20 Feb 2018 4:26

Tgt Ion: 164 Resp: 294838
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.7 38.3 57.5

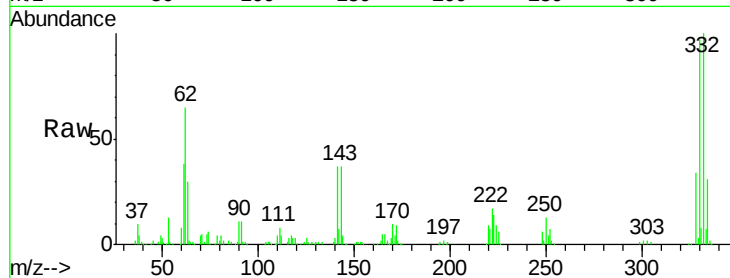




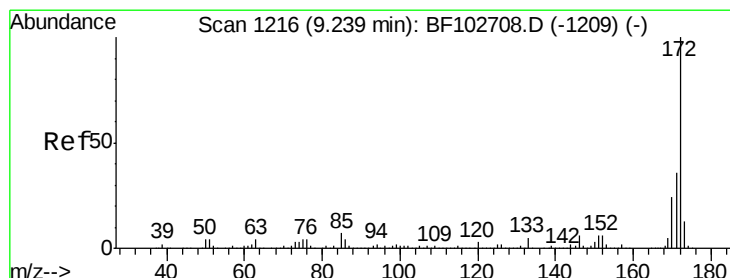
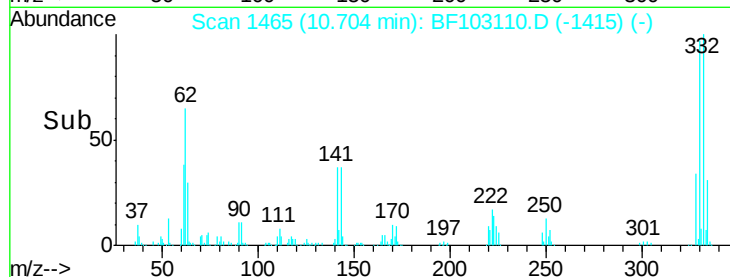
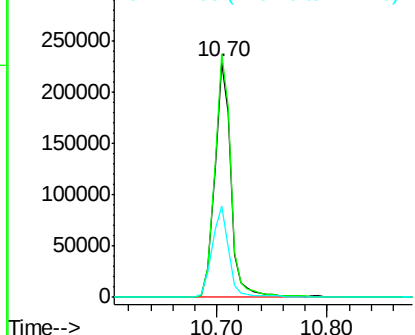
#41
 2,4,6-Tribromophenol
 Concen: 97.223 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103110.D
 Acq: 20 Feb 2018 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106657TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	39.6	29.9	44.9

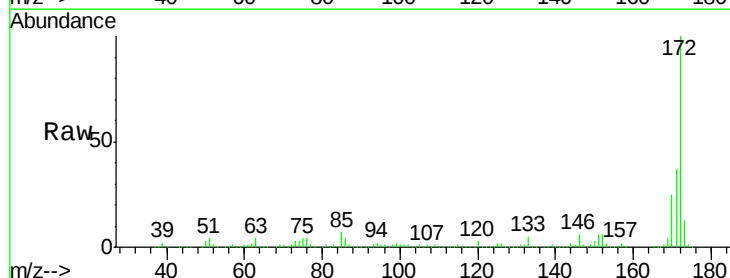


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

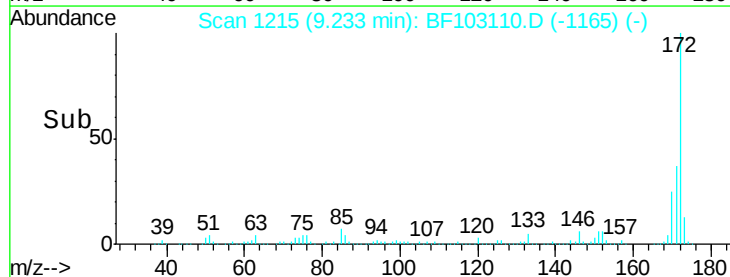
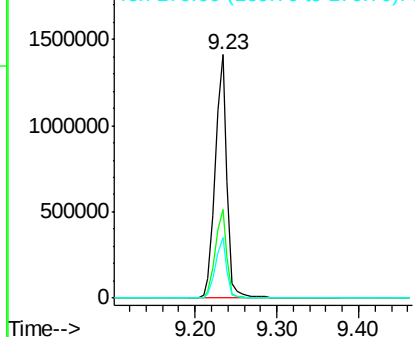


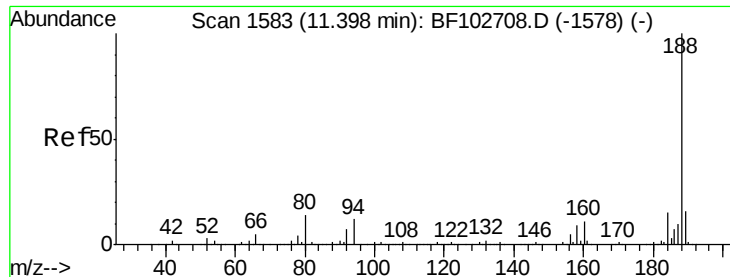
#44
 2-Fluorobiphenyl
 Concen: 79.732 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103110.D
 Acq: 20 Feb 2018 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103110.D

Acq: 20 Feb 2018 4:26

Instrument :

BNA_F

ClientSampleId :

PB106657TB

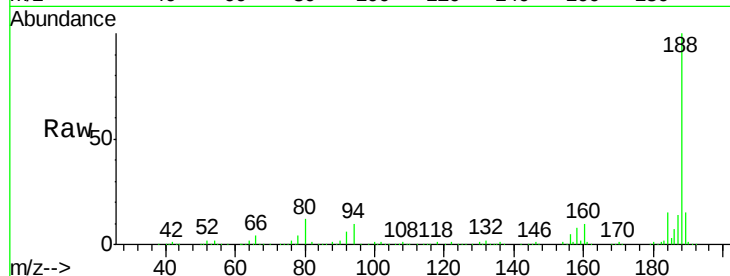
Tgt Ion:188 Resp: 461942

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

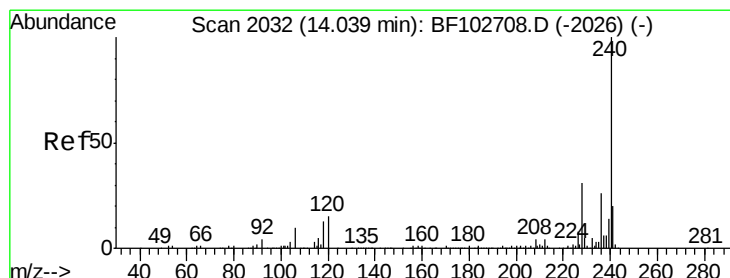
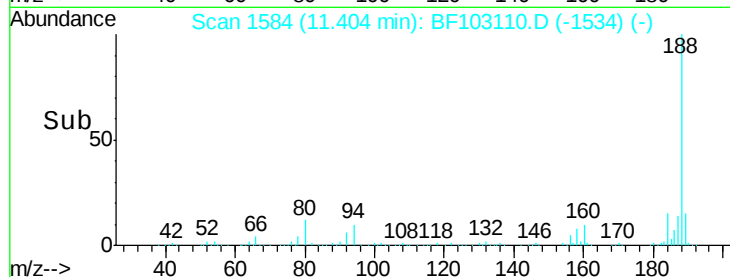
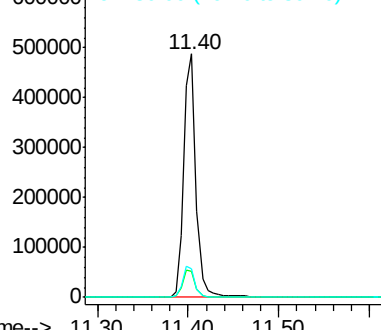
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103110.D

Acq: 20 Feb 2018 4:26

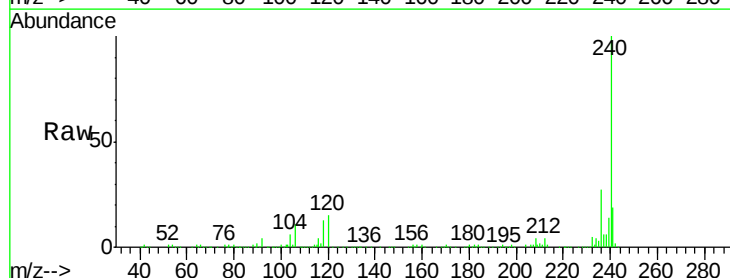
Tgt Ion:240 Resp: 302227

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

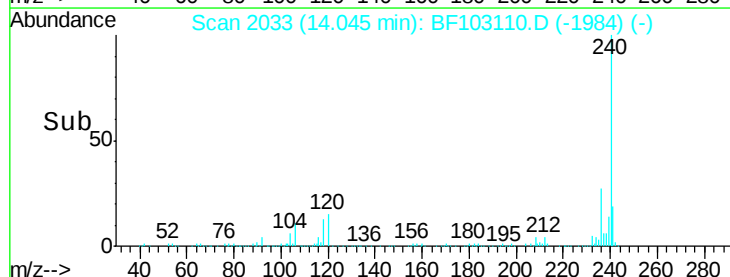
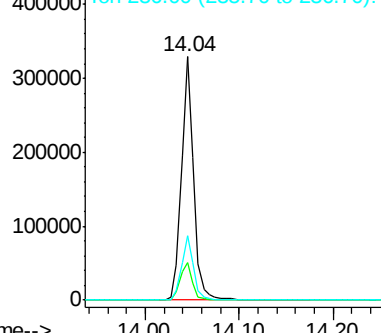
236 26.6 20.7 31.1

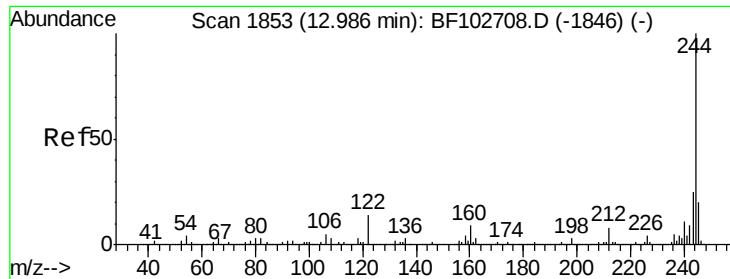


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.995 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103110.D

Acq: 20 Feb 2018 4:26

Instrument :

BNA_F

ClientSampleId :

PB106657TB

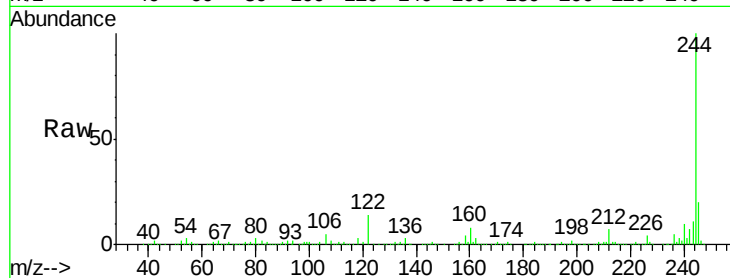
Tgt Ion:244 Resp: 1046593

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

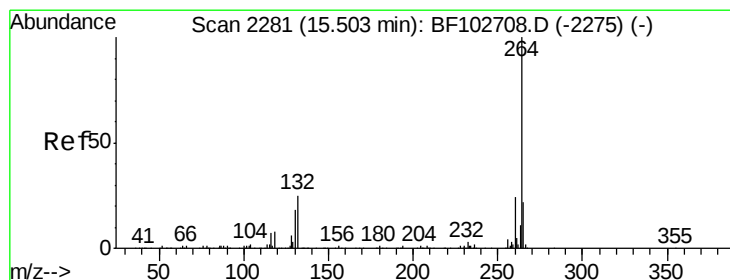
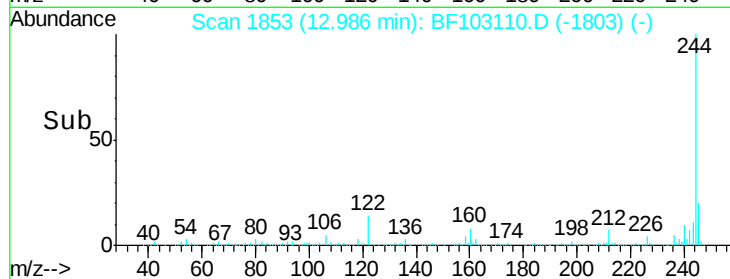
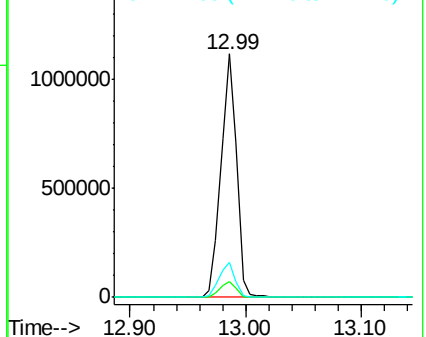
122 14.2 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BF103110.D

Acq: 20 Feb 2018 4:26

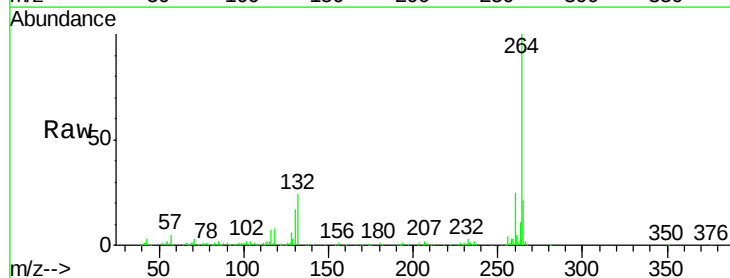
Tgt Ion:264 Resp: 263688

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.7 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

