

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103485.D
 Acq On : 7 Mar 2018 4:32
 Operator : SJ/JU
 Sample : J1797-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-2

Quant Time: Mar 07 07:21:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

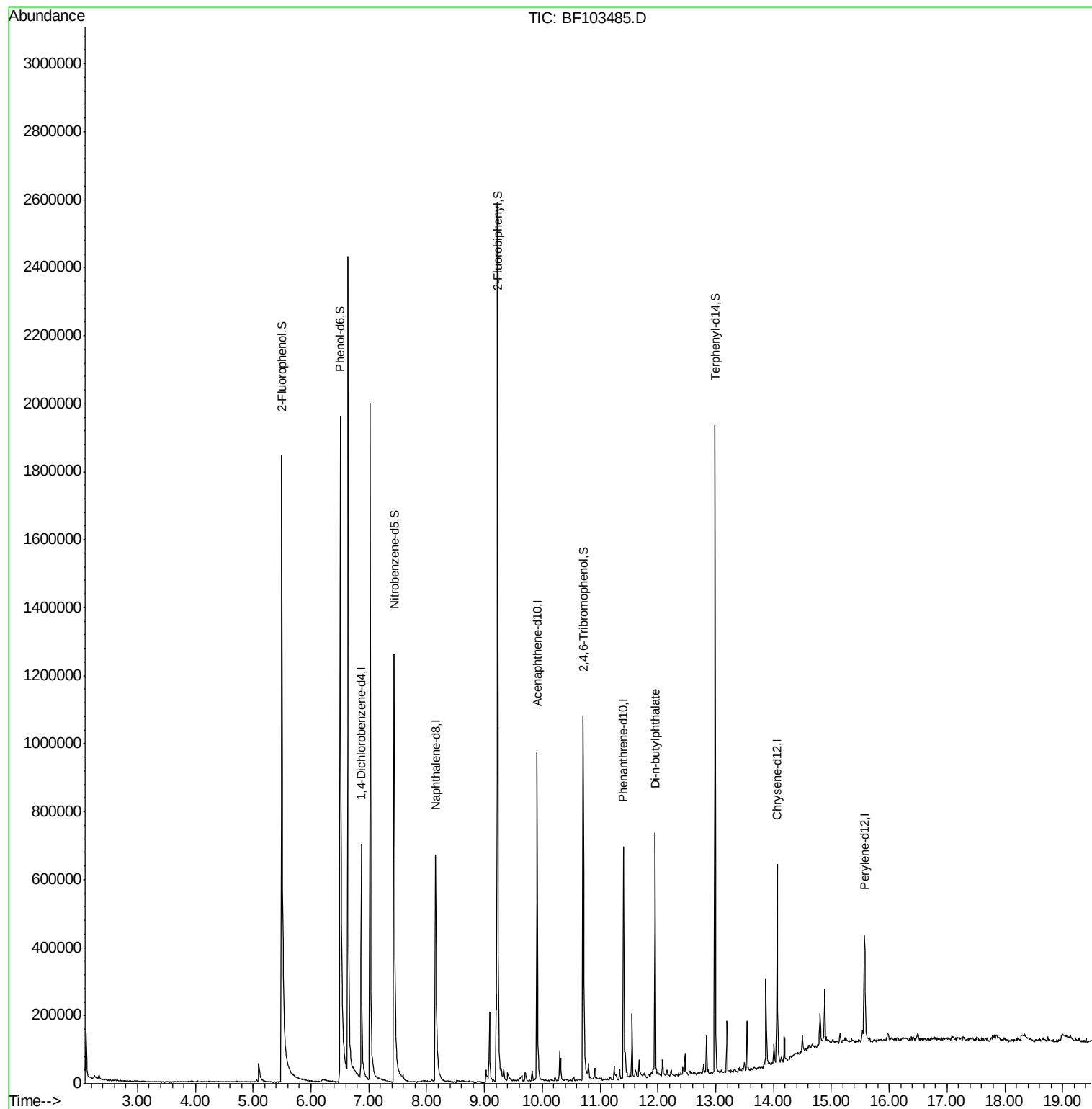
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	124557	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	514284	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	211654	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	305517	20.00	ng	0.00
75) Chrysene-d12	14.06	240	205000	20.00	ng	0.00
86) Perylene-d12	15.57	264	158475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	842795	102.34	ng	0.00
7) Phenol-d6	6.51	99	1046328	103.83	ng	0.00
23) Nitrobenzene-d5	7.44	82	632941	70.28	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	136941	76.44	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	933165	73.53	ng	0.00
78) Terphenyl-d14	12.99	244	677009	79.39	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.95	149	332682	15.485	ng	Qvalue 98

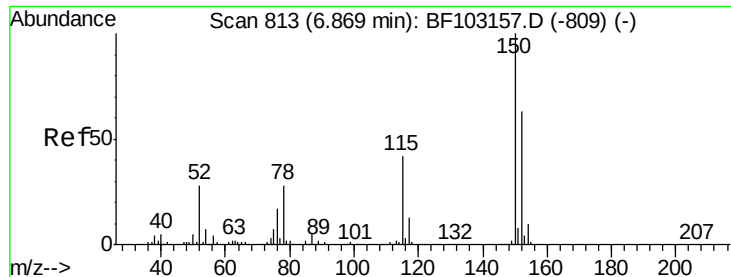
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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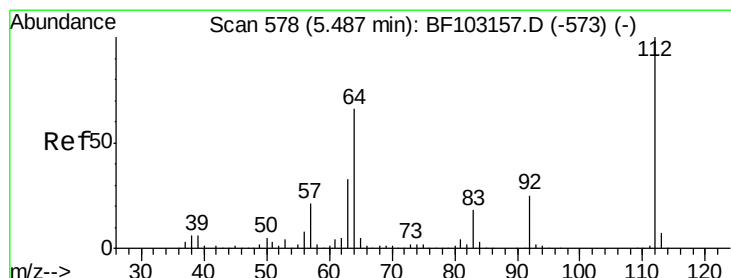
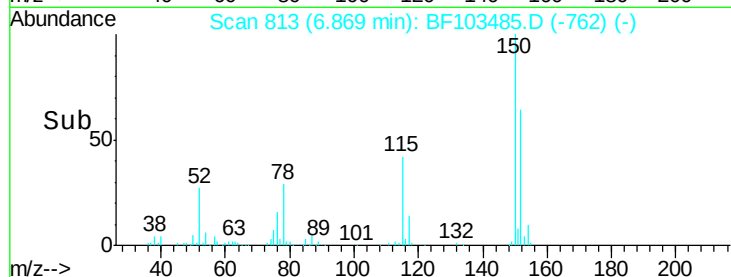
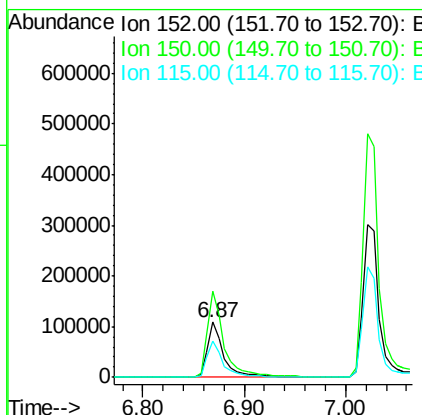
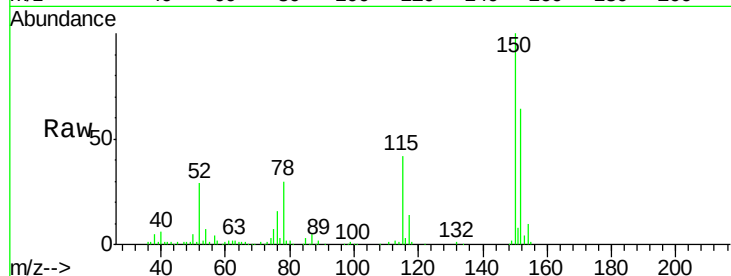


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
SI-2

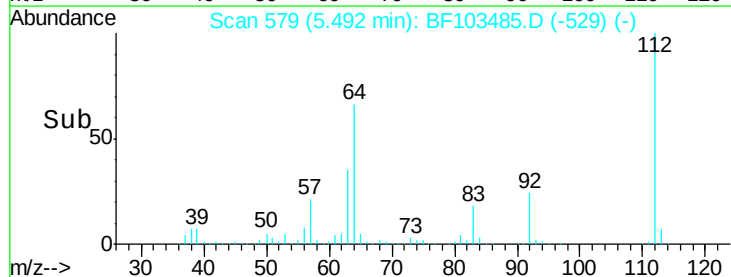
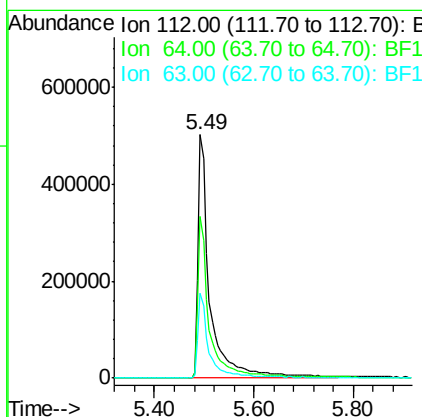
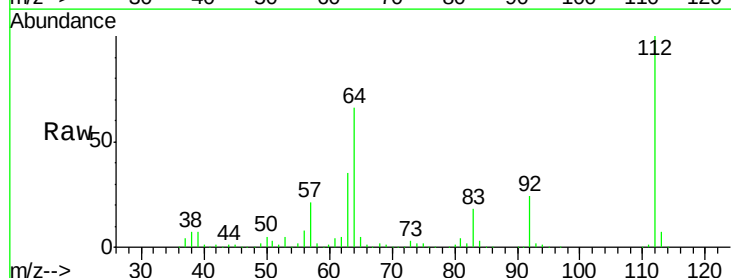
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	65.7	50.1	75.1

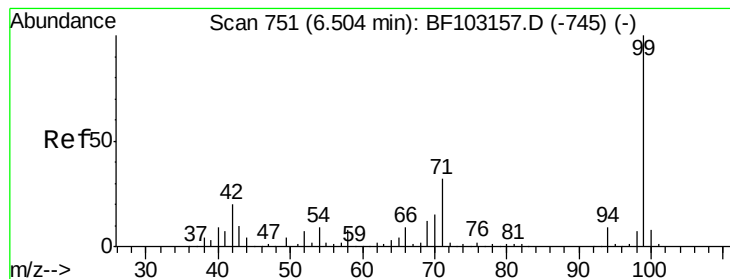


#5

2-Fluorophenol
Concen: 102.336 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.9	23.7	35.5





#7

Phenol-d6

Concen: 103.829 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampleId :

SI-2

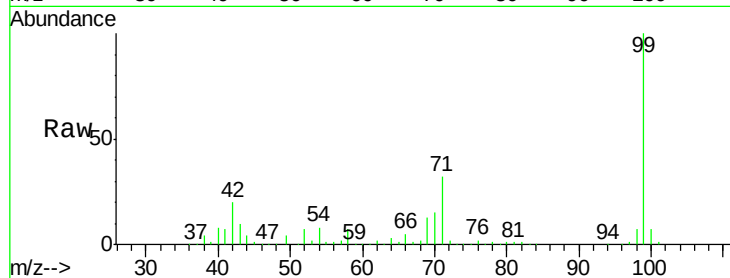
Tot Ion: 99 Resp: 1046328

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

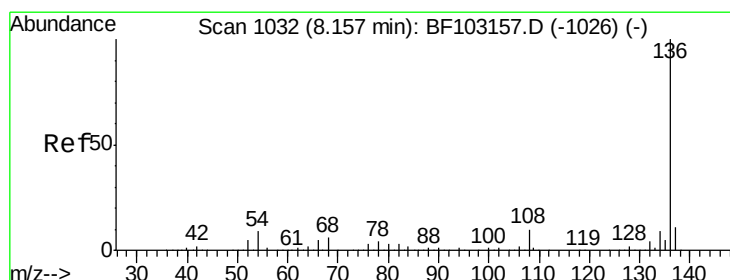
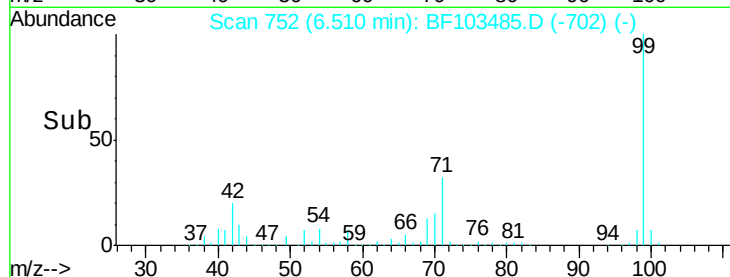
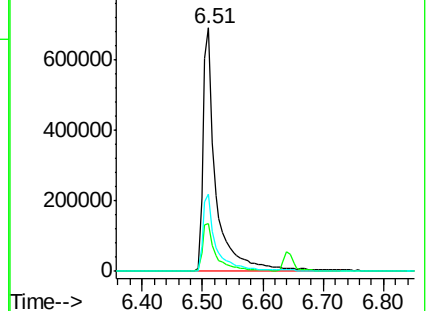
71 31.8 25.4 38.0



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. 0.00 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Tgt Ion: 136 Resp: 514284

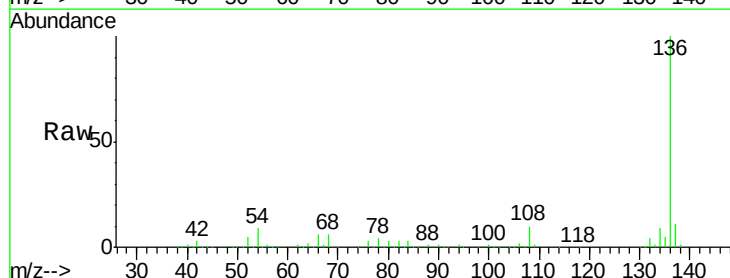
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.9 6.6 9.8

68 6.5 5.0 7.4

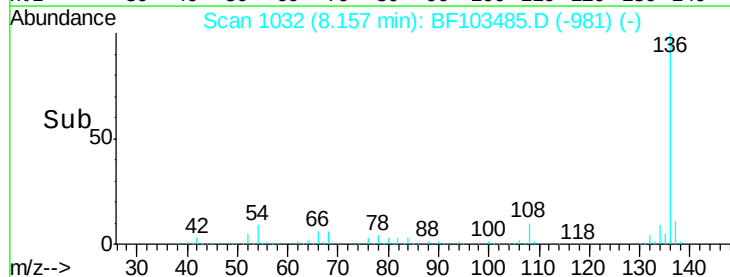
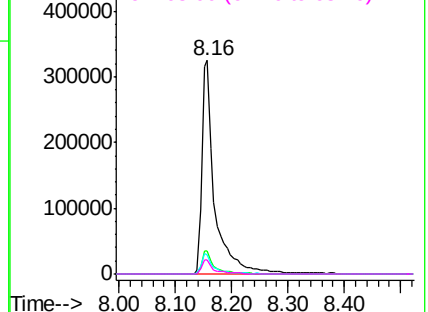


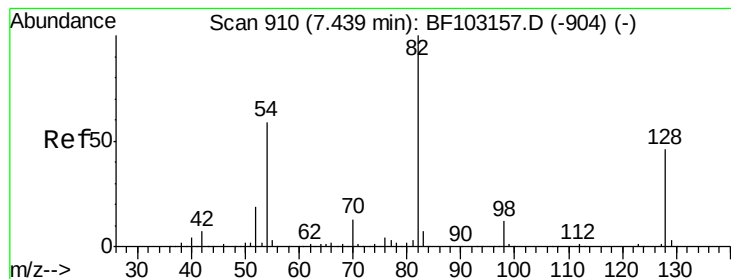
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.285 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampleId :

SI-2

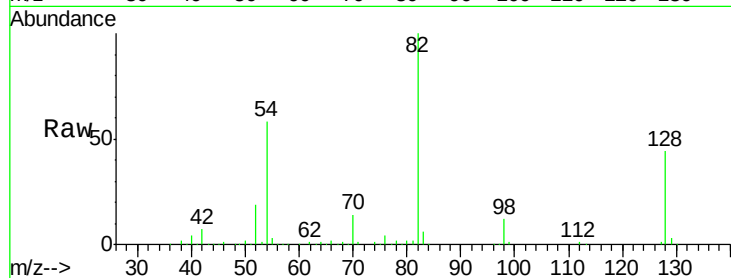
Tot Ion: 82 Resp: 632941

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

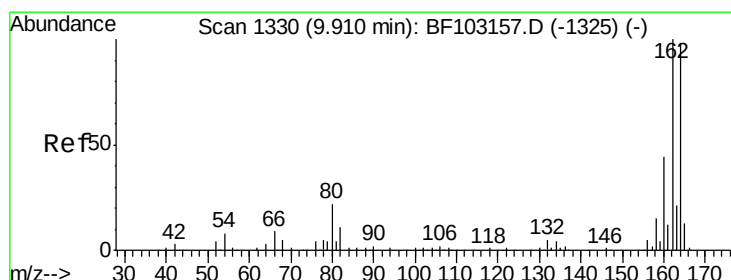
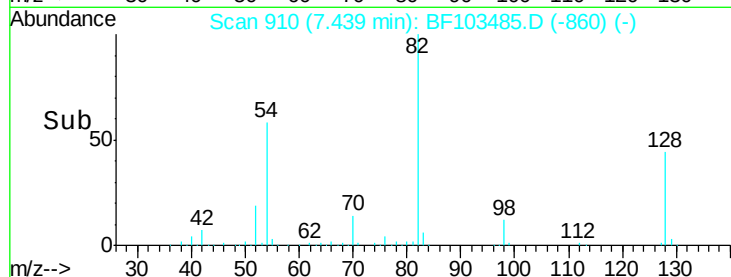
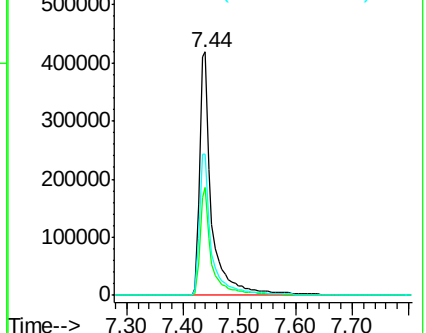
54 58.0 41.4 62.2



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

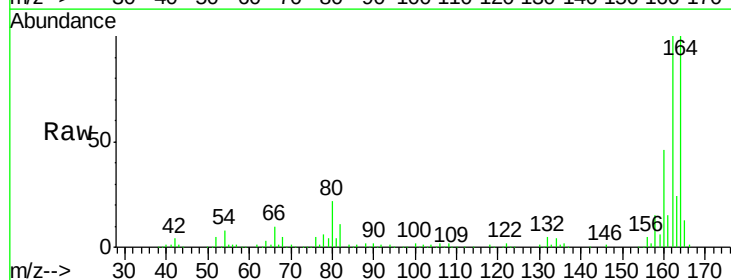
Tgt Ion:164 Resp: 211654

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

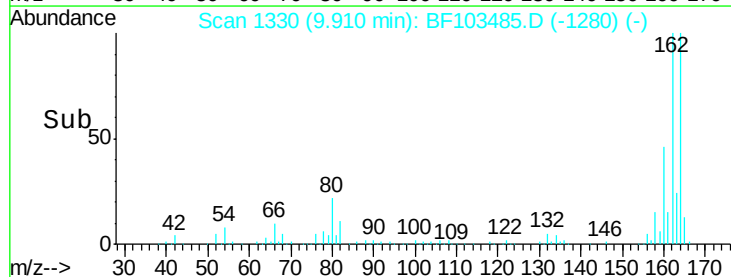
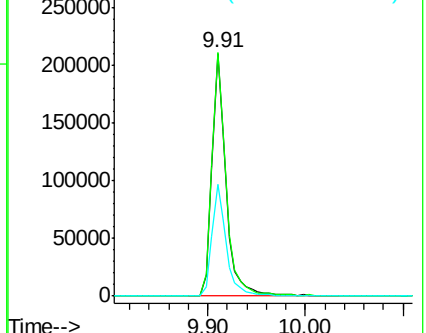
160 46.3 38.3 57.5

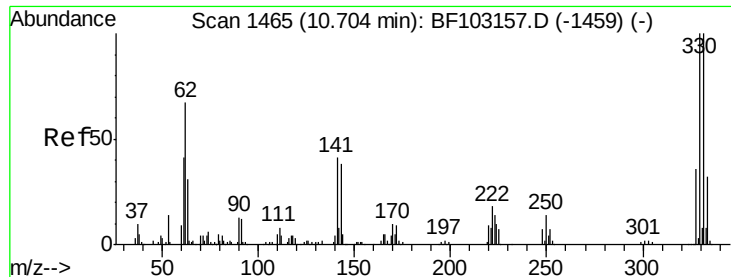


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

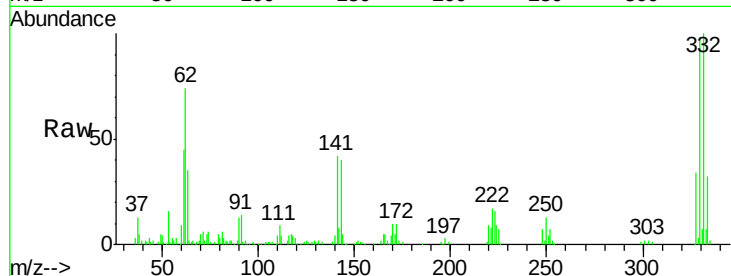




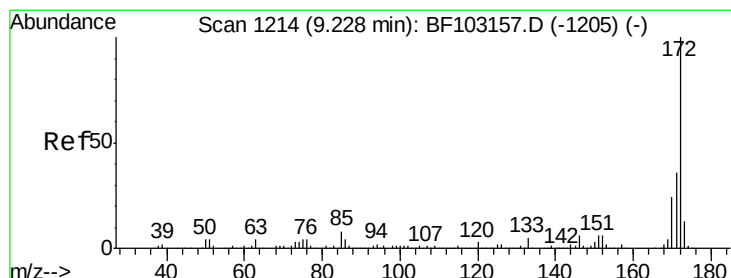
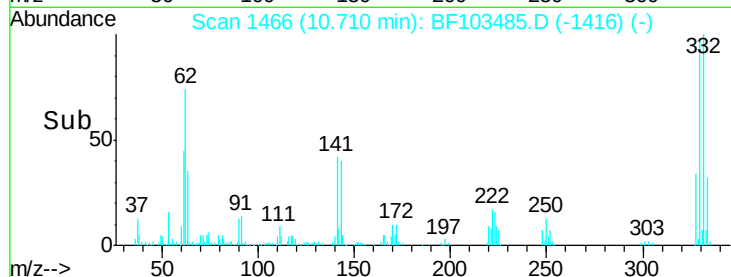
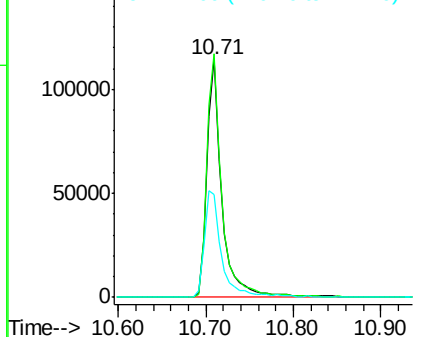
#41
 2,4,6-Tribromophenol
 Concen: 76.438 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SI-2

Tot Ion:330 Resp: 136941
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 51.3 29.9 44.9#

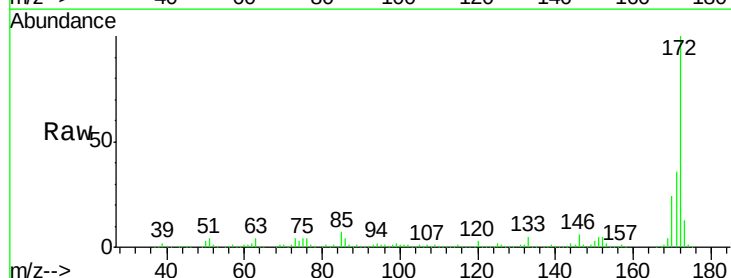


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

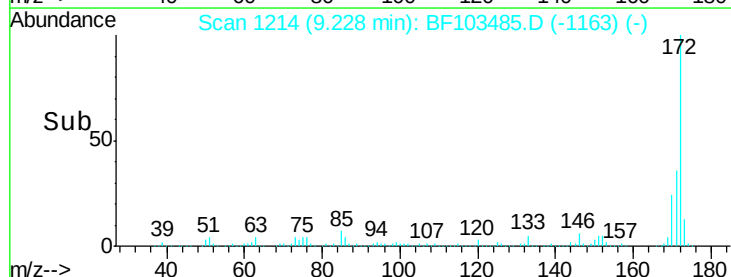
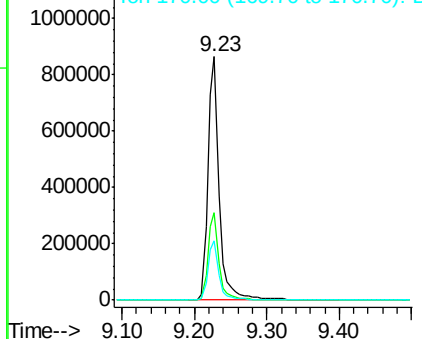


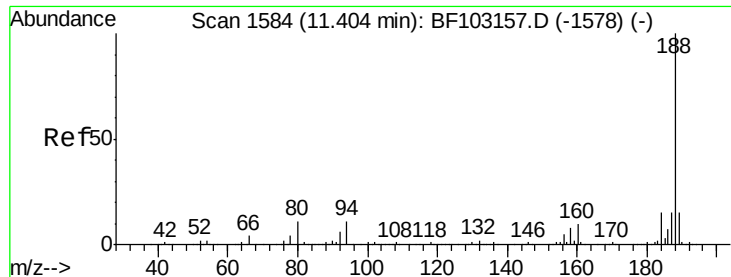
#44
 2-Fluorobiphenyl
 Concen: 73.528 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Tgt Ion:172 Resp: 933165
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

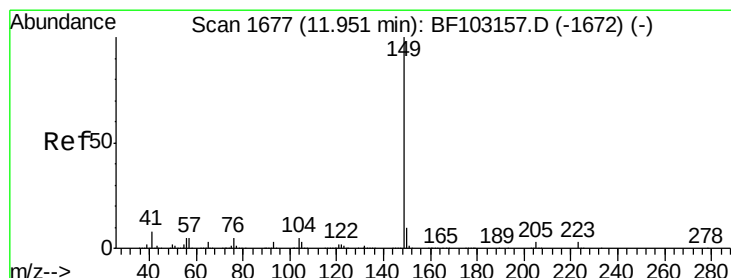
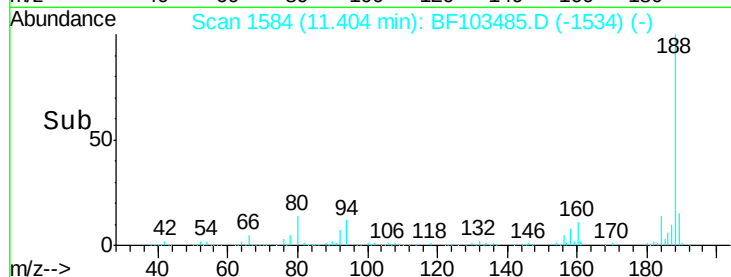
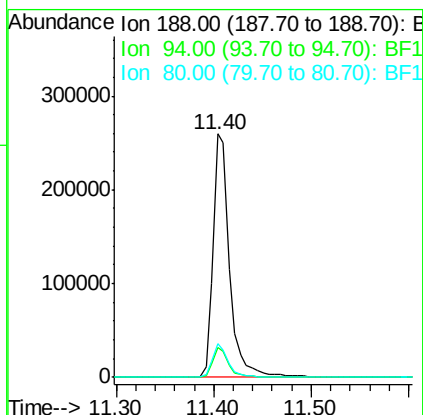
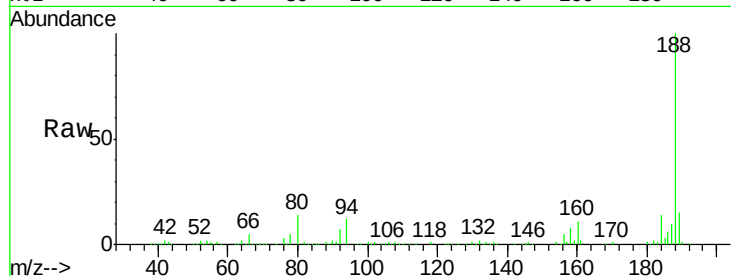




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

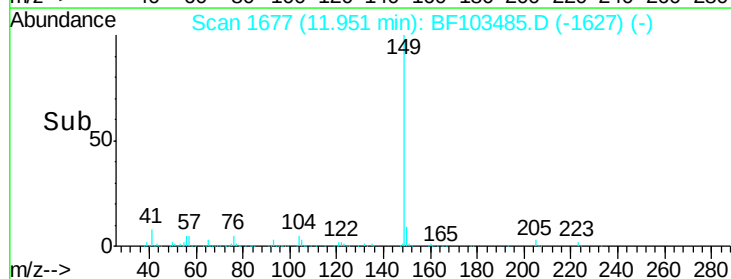
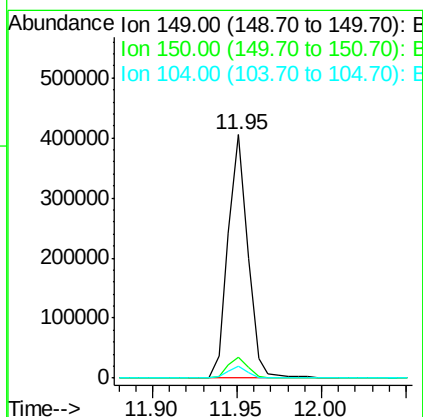
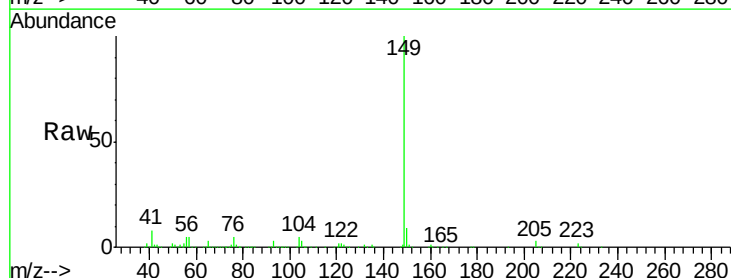
Instrument :
BNA_F
ClientSampleId :
SI-2

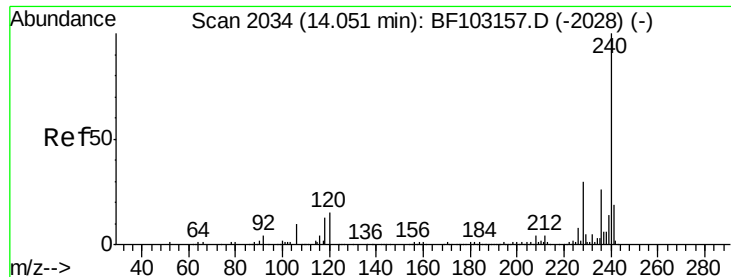
Tot Ion:188 Resp: 305517
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 14.0 9.2 13.8#



#73
Di-n-butylphthalate
Concen: 15.485 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Tgt Ion:149 Resp: 332682
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 5.0 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampleId :

SI-2

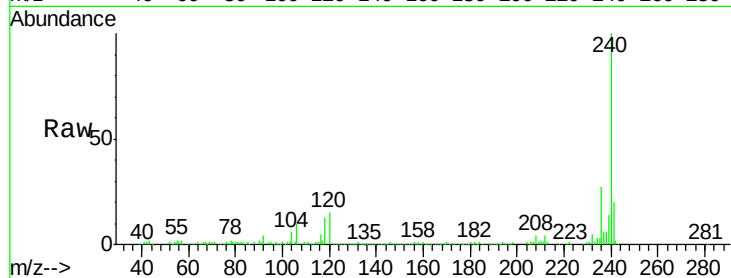
Tot Ion:240 Resp: 205000

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

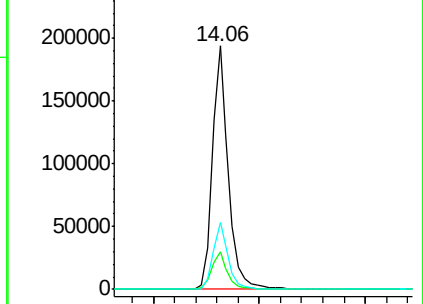
236 27.4 20.7 31.1



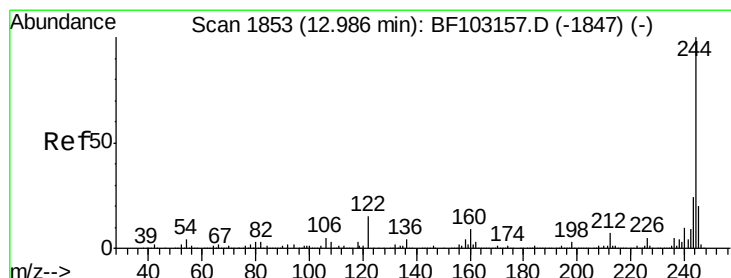
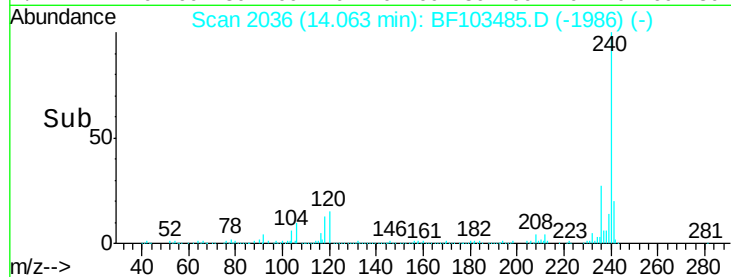
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 79.387 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

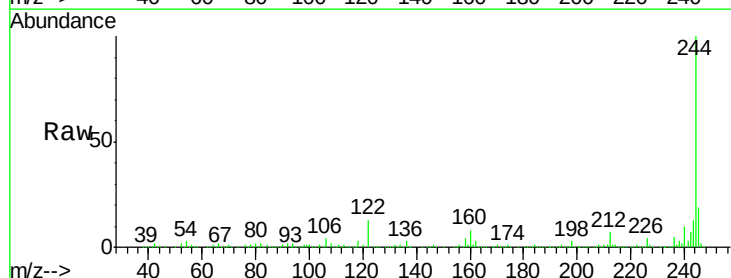
Tgt Ion:244 Resp: 677009

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

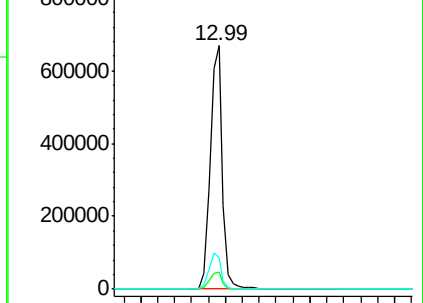
122 12.8 11.0 16.4



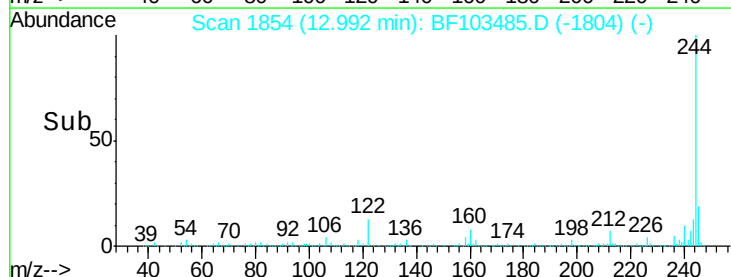
Abundance Ion 244.00 (243.70 to 244.70): E

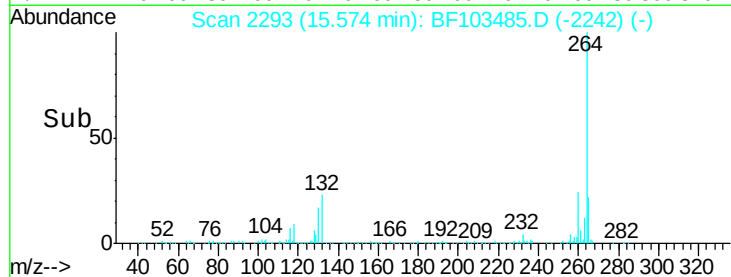
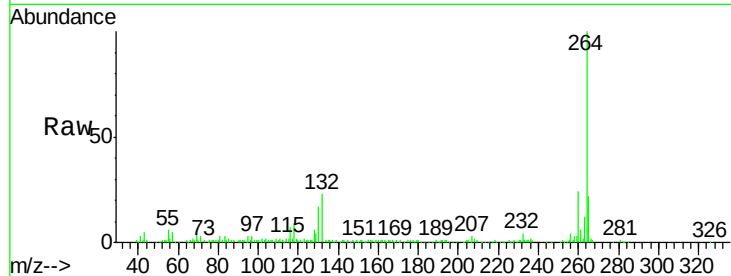
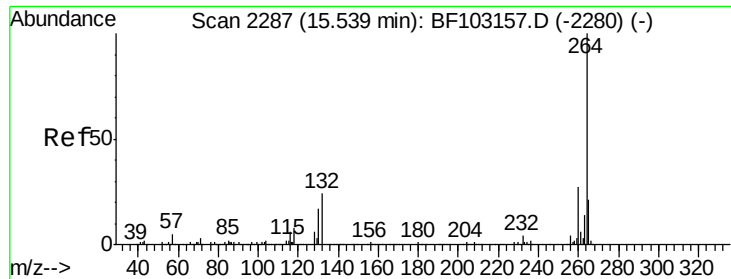
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampleId :

SI-2

Tot Ion:264 Resp: 158475

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 17.5 26.3

