

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101693.D
 Acq On : 23 Dec 2017 10:23
 Operator : SJ/JU
 Sample : I6840-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-02

Quant Time: Dec 25 02:43:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

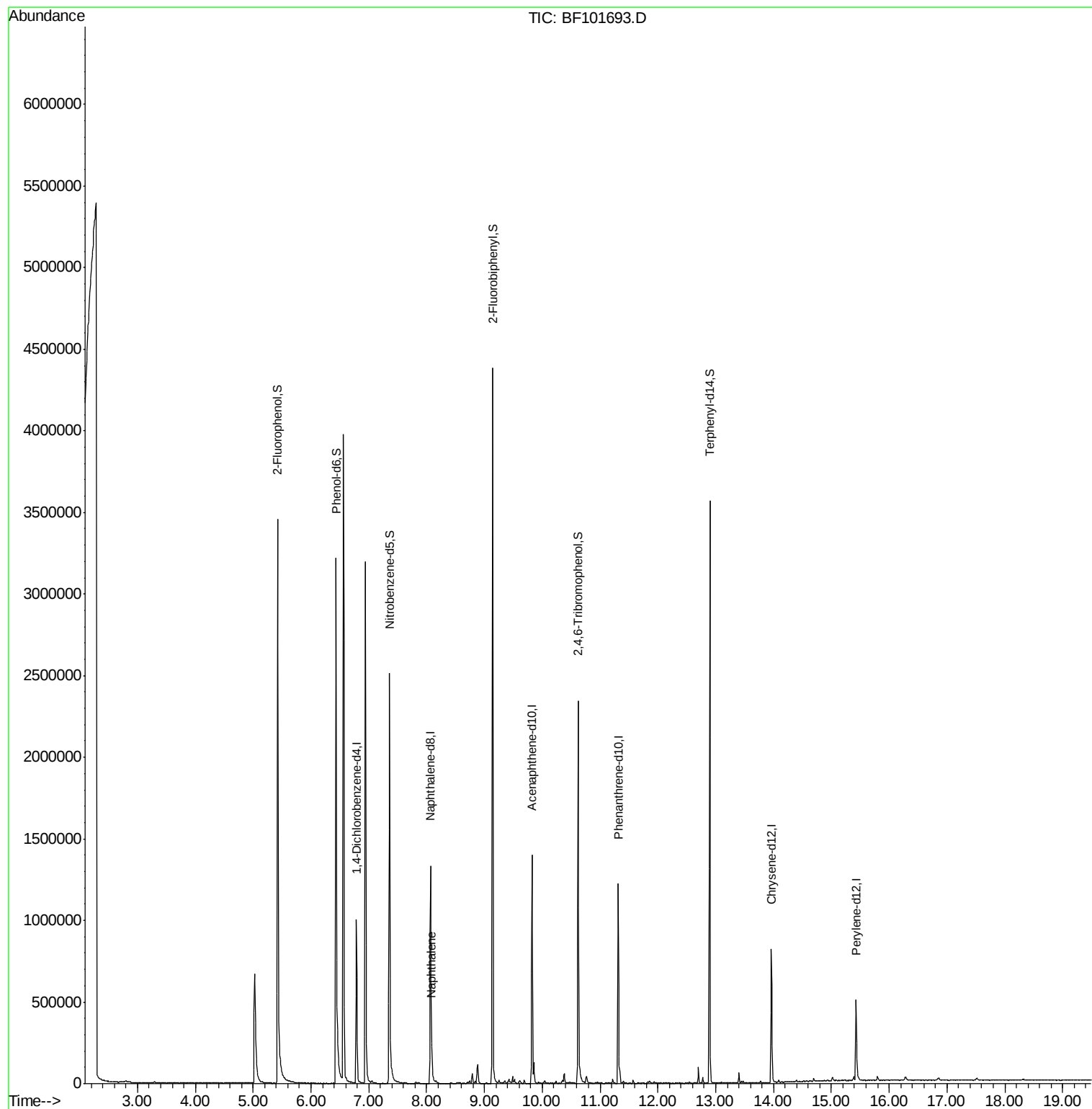
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157199	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	613934	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	263188	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	446707	20.00	ng	0.00
75) Chrysene-d12	13.96	240	299492	20.00	ng	0.00
86) Perylene-d12	15.43	264	279686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1278217	121.12	ng	0.02
7) Phenol-d6	6.43	99	1487666	113.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	1066054	96.66	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	339368	133.82	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1609223	94.85	ng	0.00
78) Terphenyl-d14	12.90	244	1314949	105.85	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	110033	3.560	ng	Qvalue 98

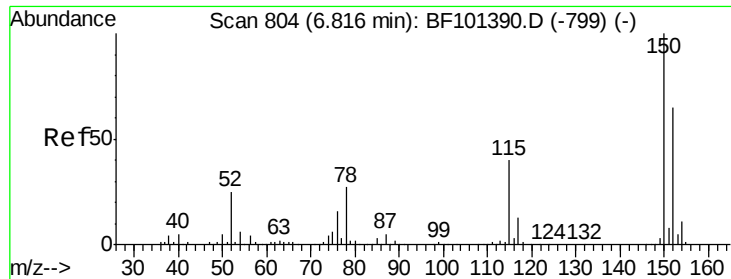
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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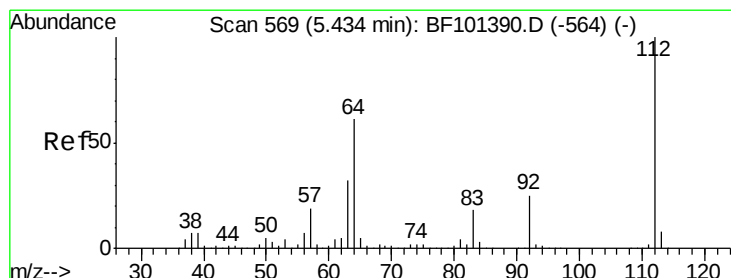
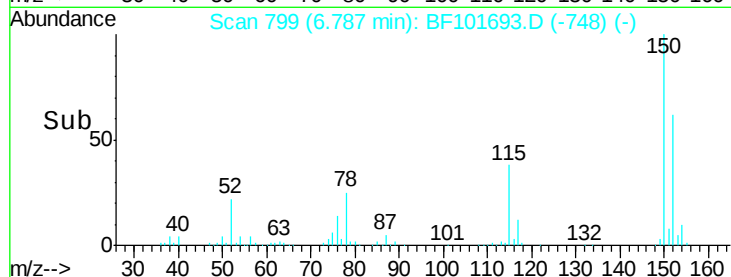
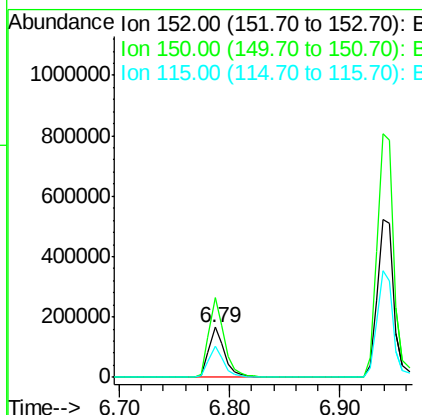
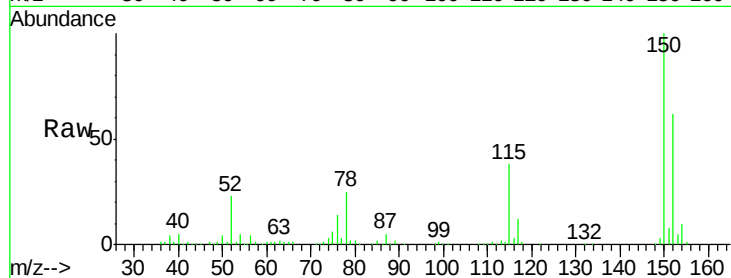




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101693.D
 Acq: 23 Dec 2017 10:23

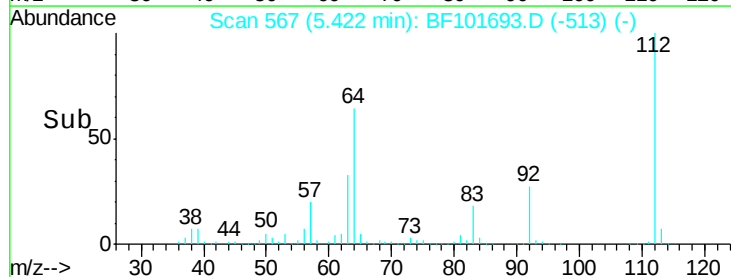
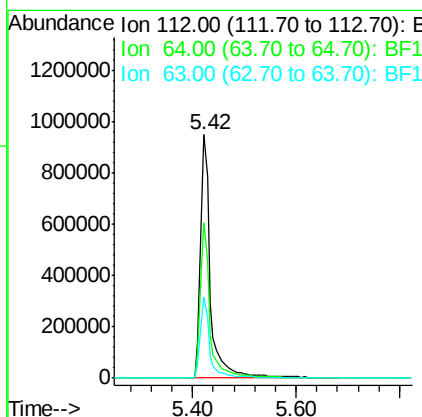
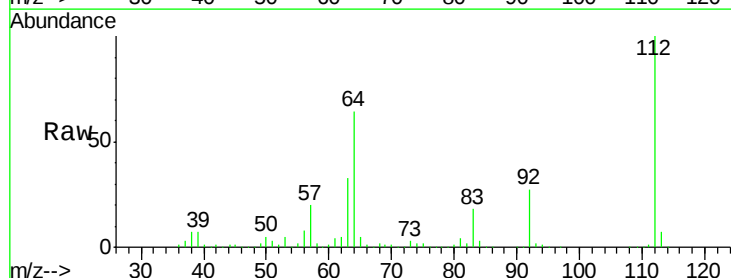
Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-02

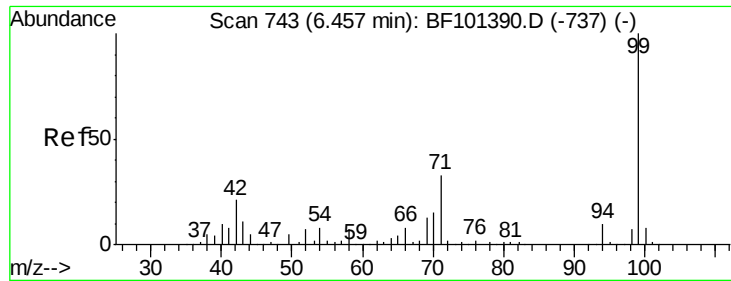
Tgt Ion:152 Resp: 157199
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 60.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 121.121 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101693.D
 Acq: 23 Dec 2017 10:23

Tgt Ion:112 Resp: 1278217
 Ion Ratio Lower Upper
 112 100
 64 63.7 47.9 71.9
 63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 113.269 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101693.D

Acq: 23 Dec 2017 10:23

Instrument :

BNA_F

ClientSampleId :

WC-41446854-02

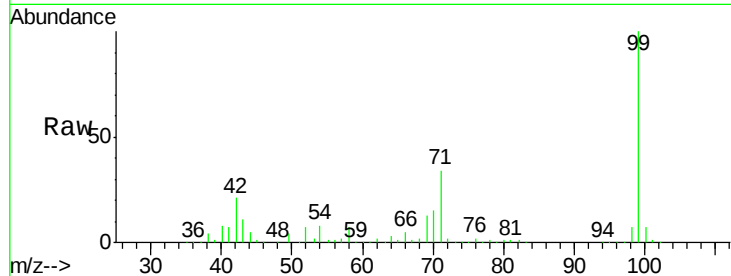
Tgt Ion: 99 Resp: 1487666

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

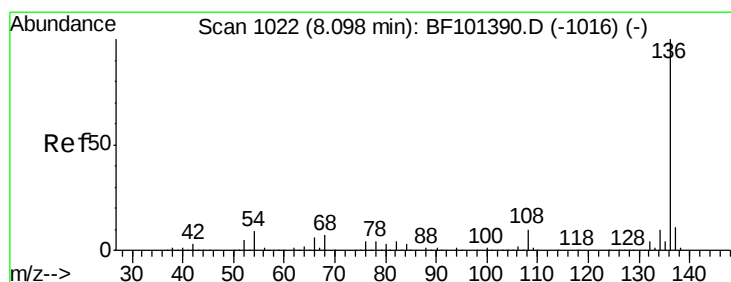
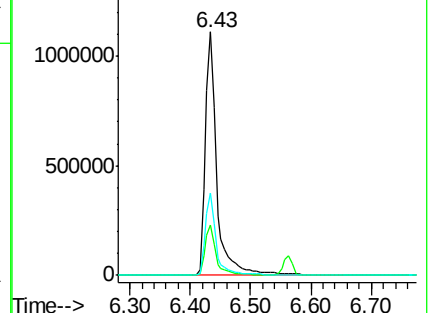
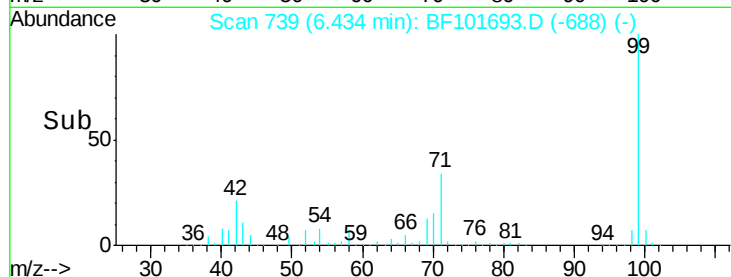
71 33.9 25.4 38.0



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# 1017

Delta R.T. 0.00 min

Lab File: BF101693.D

Acq: 23 Dec 2017 10:23

Tgt Ion: 136 Resp: 613934

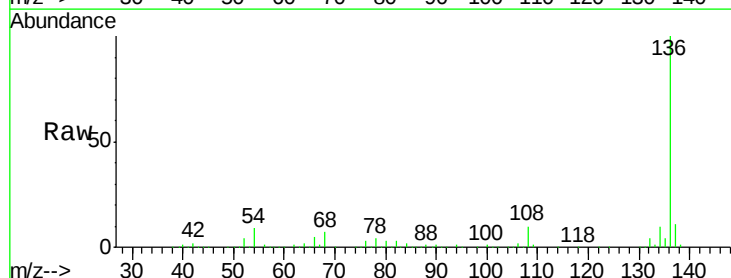
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 6.7 5.0 7.4

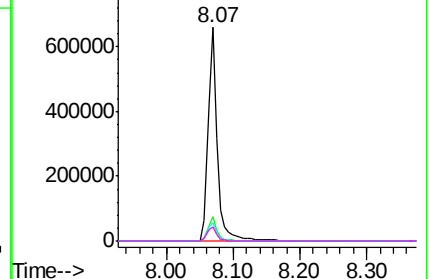
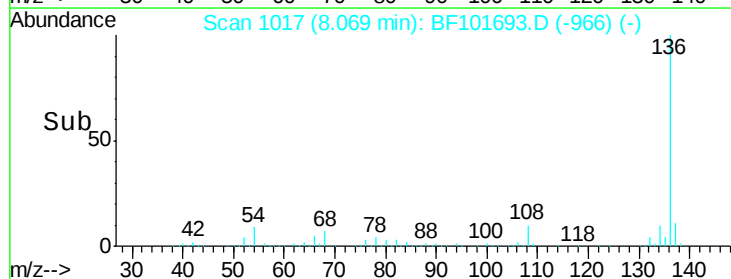


Abundance Ion 136.00 (135.70 to 136.70): E

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

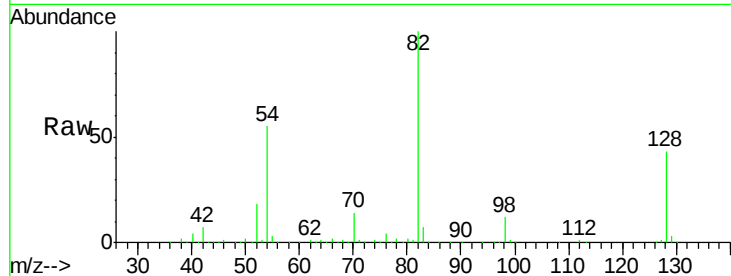




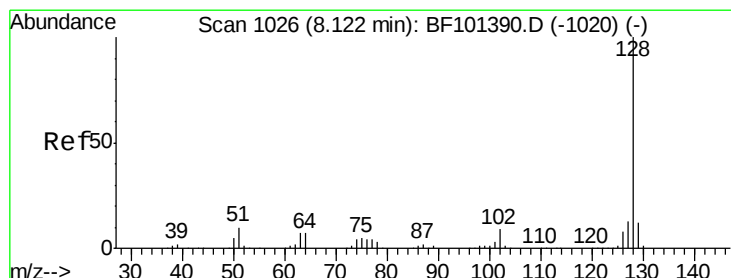
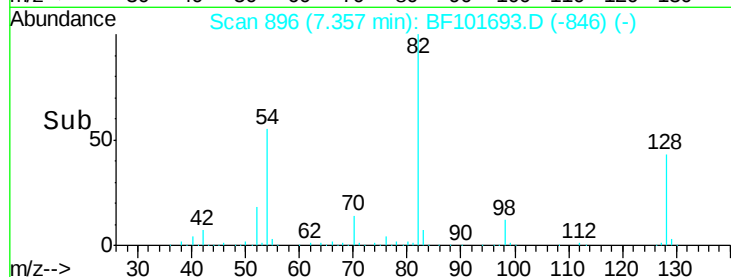
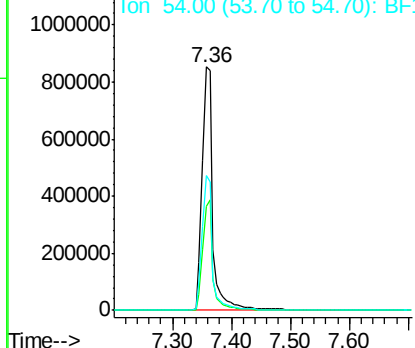
#23
 Nitrobenzene-d5
 Concen: 96.660 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101693.D
 Acq: 23 Dec 2017 10:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-02

Tgt Ion: 82 Resp: 1066054
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 55.2 41.4 62.2

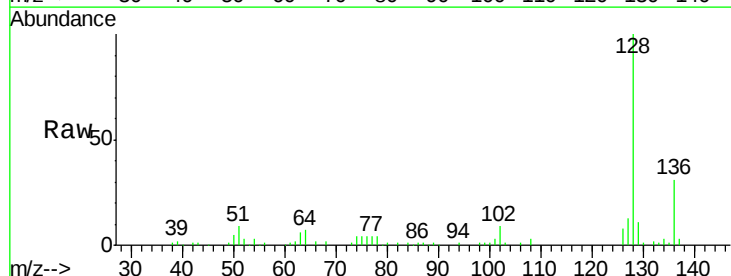


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

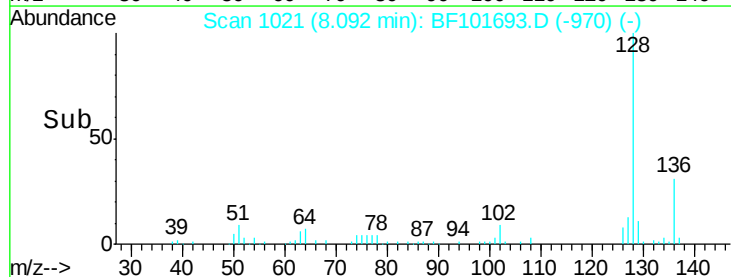
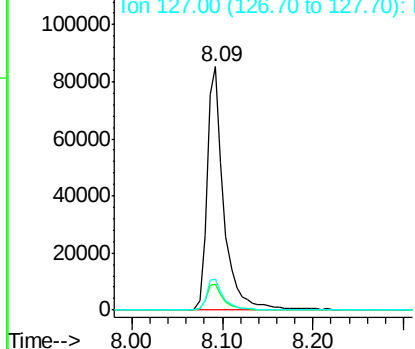


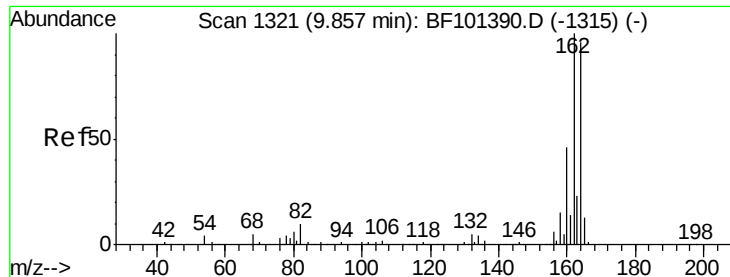
#31
 Naphthalene
 Concen: 3.560 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF101693.D
 Acq: 23 Dec 2017 10:23

Tgt Ion: 128 Resp: 110033
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101693.D

Acq: 23 Dec 2017 10:23

Instrument :

BNA_F

ClientSampleId :

WC-41446854-02

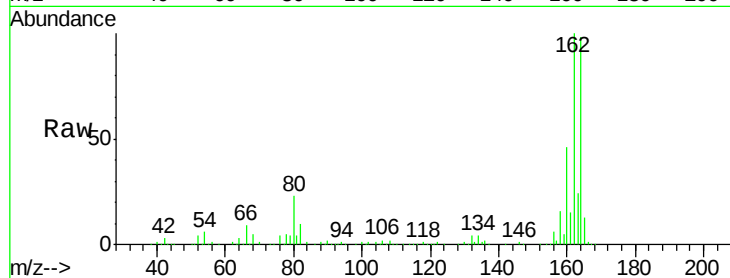
Tgt Ion:164 Resp: 263188

Ion Ratio Lower Upper

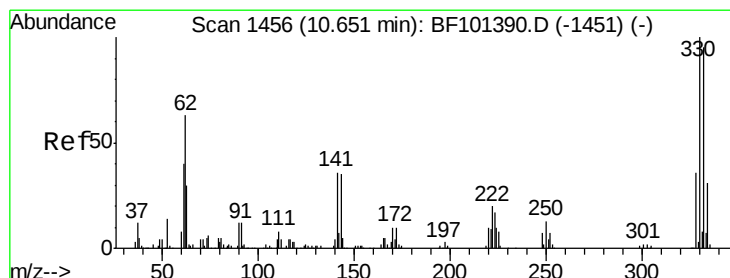
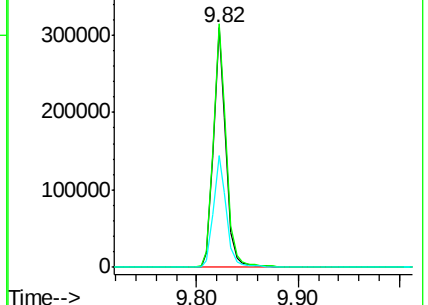
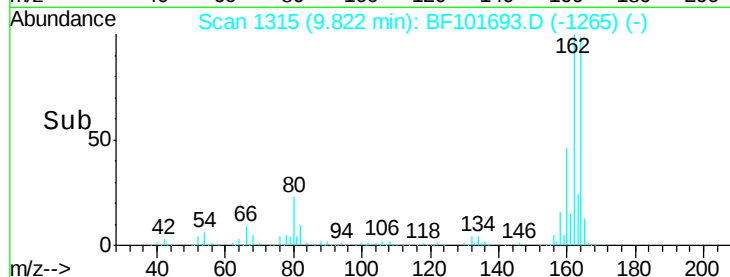
164 100

162 101.6 86.1 129.1

160 46.6 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: 133.819 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101693.D

Acq: 23 Dec 2017 10:23

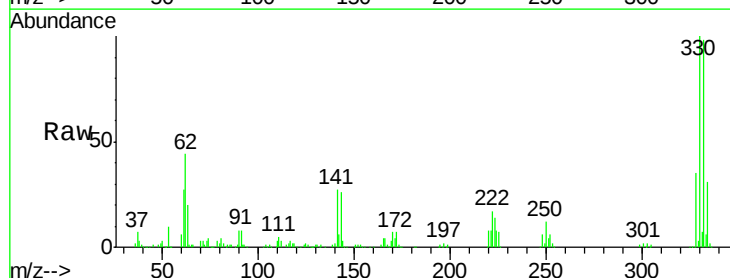
Tgt Ion:330 Resp: 339368

Ion Ratio Lower Upper

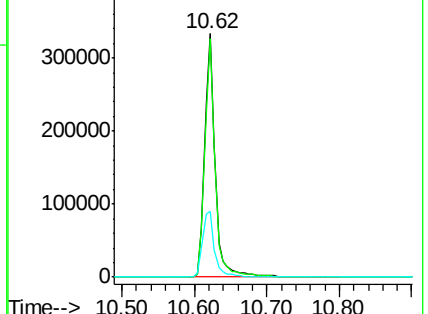
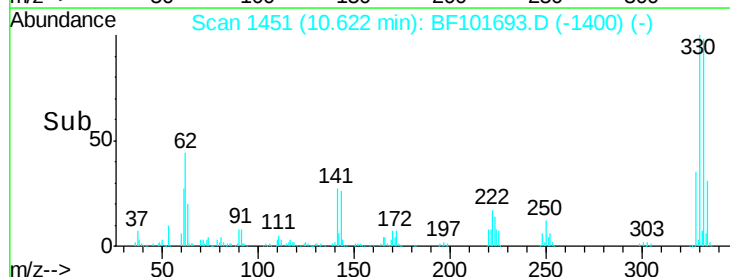
330 100

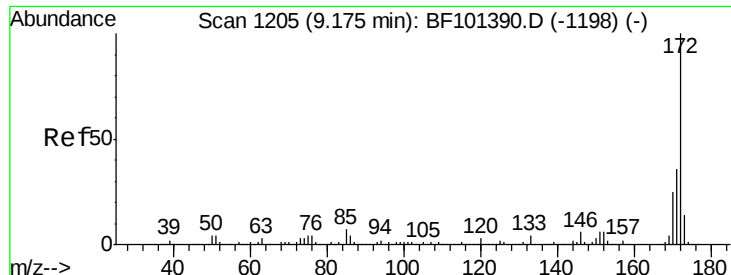
332 96.7 77.0 115.6

141 31.2 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

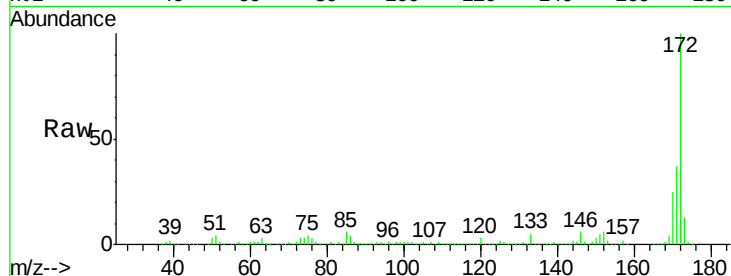




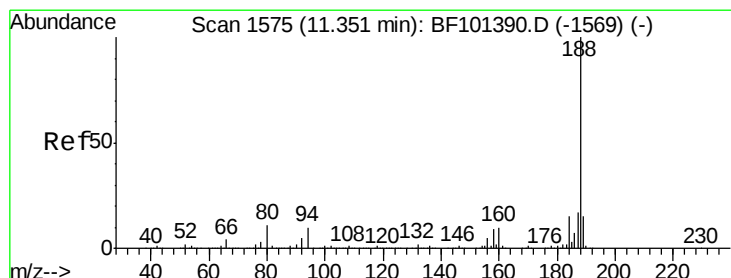
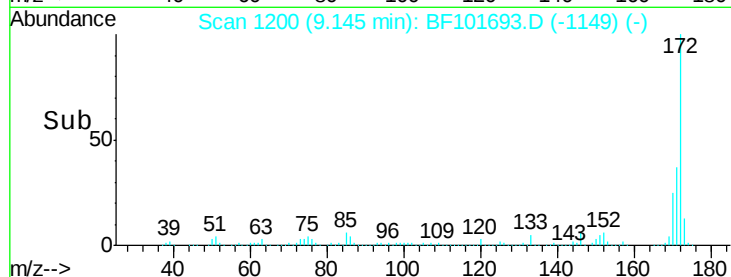
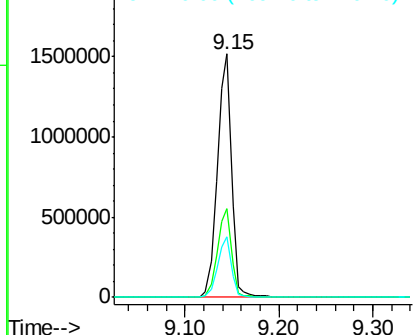
#44
 2-Fluorobiphenyl
 Concen: 94.848 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101693.D
 Acq: 23 Dec 2017 10:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-02

Tgt Ion:172 Resp: 1609223
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.7 19.6 29.4

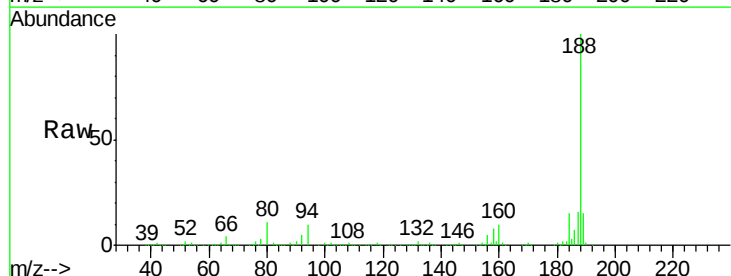


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

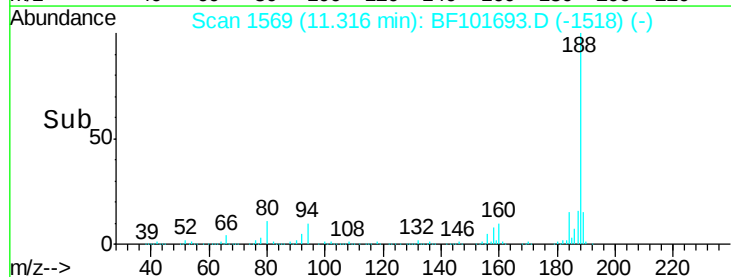
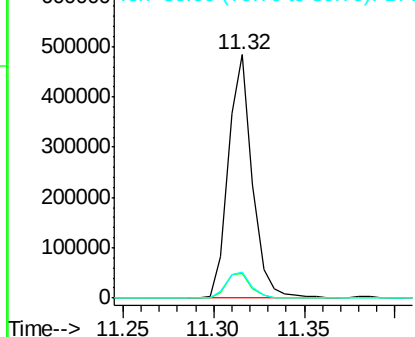


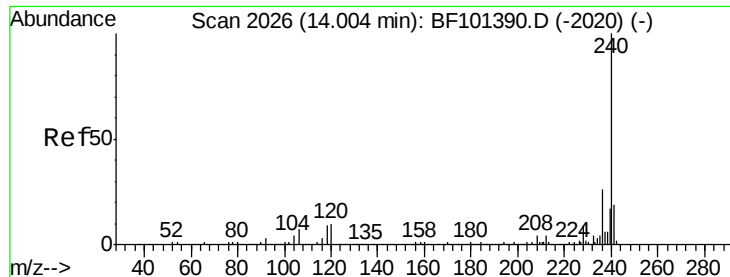
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101693.D
 Acq: 23 Dec 2017 10:23

Tgt Ion:188 Resp: 446707
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.8 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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101693.D

Acq: 23 Dec 2017 10:23

Instrument :

BNA_F

ClientSampleId :

WC-41446854-02

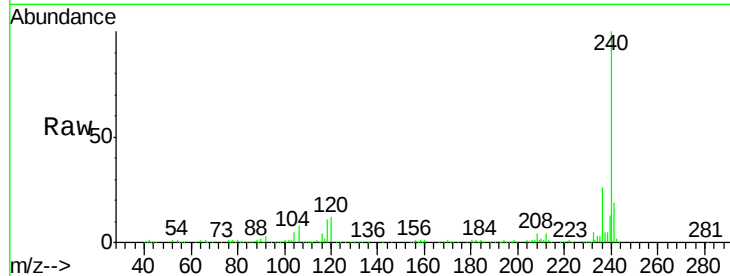
Tgt Ion:240 Resp: 299492

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

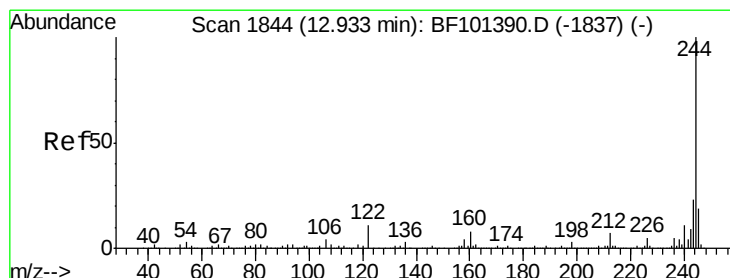
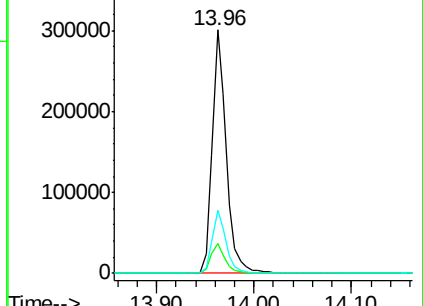
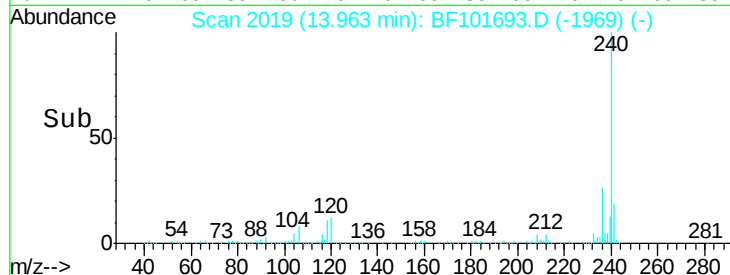
236 25.8 20.7 31.1



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: 105.847 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101693.D

Acq: 23 Dec 2017 10:23

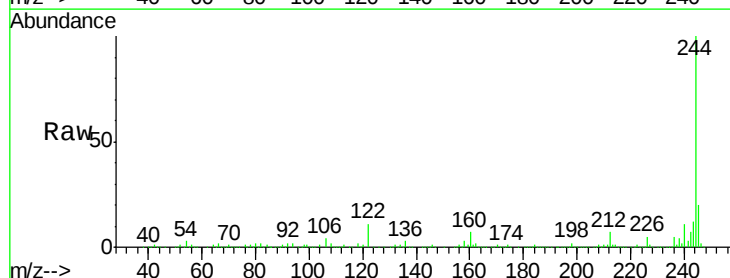
Tgt Ion:244 Resp: 1314949

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

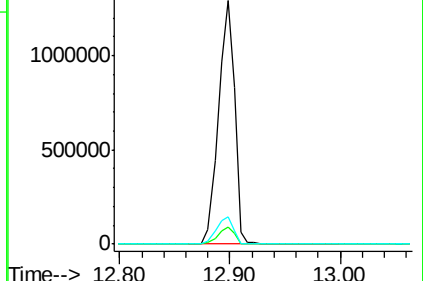
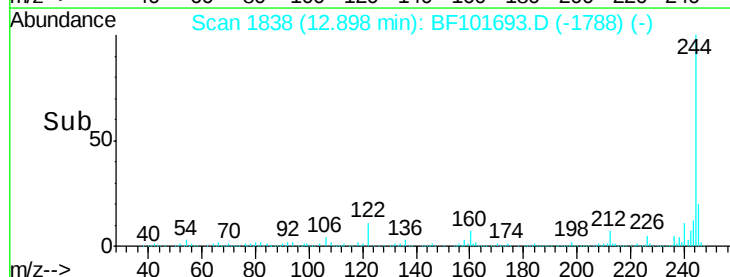
122 11.4 11.0 16.4

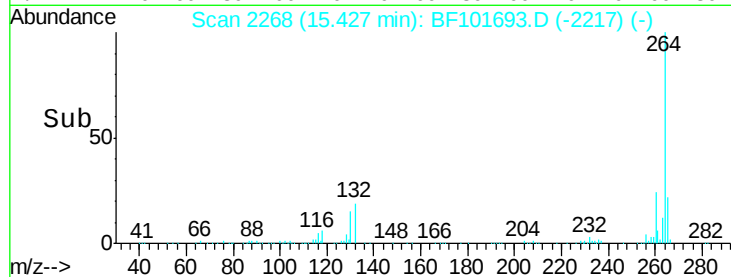
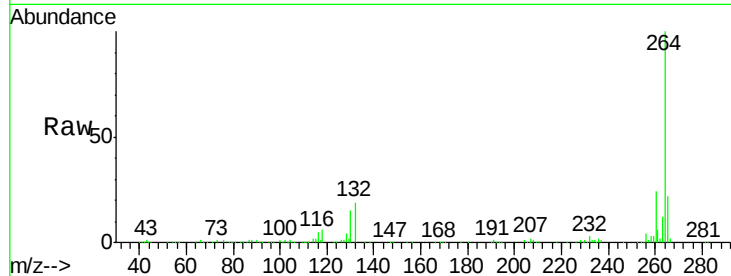
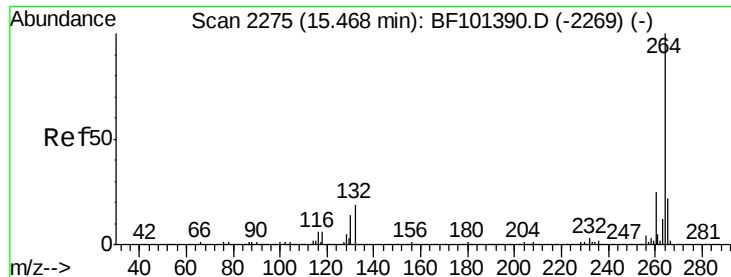


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101693.D
Acq: 23 Dec 2017 10:23

Instrument :
BNA_F
ClientSampleId :
WC-41446854-02

Tgt Ion:	264	Resp:	279686
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

