

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101580.D
 Acq On : 20 Dec 2017 20:54
 Operator : SJ/JU
 Sample : I6983-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Quant Time: Dec 21 04:45:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	151561	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	599130	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	254643	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	430101	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269465	20.00	ng	0.00
86) Perylene-d12	15.43	264	312981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1020853	100.33	ng	0.02
7) Phenol-d6	6.44	99	1180317	93.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	963954	89.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	157165	64.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1497803	91.24	ng	0.00
78) Terphenyl-d14	12.90	244	1145432	102.48	ng	0.00

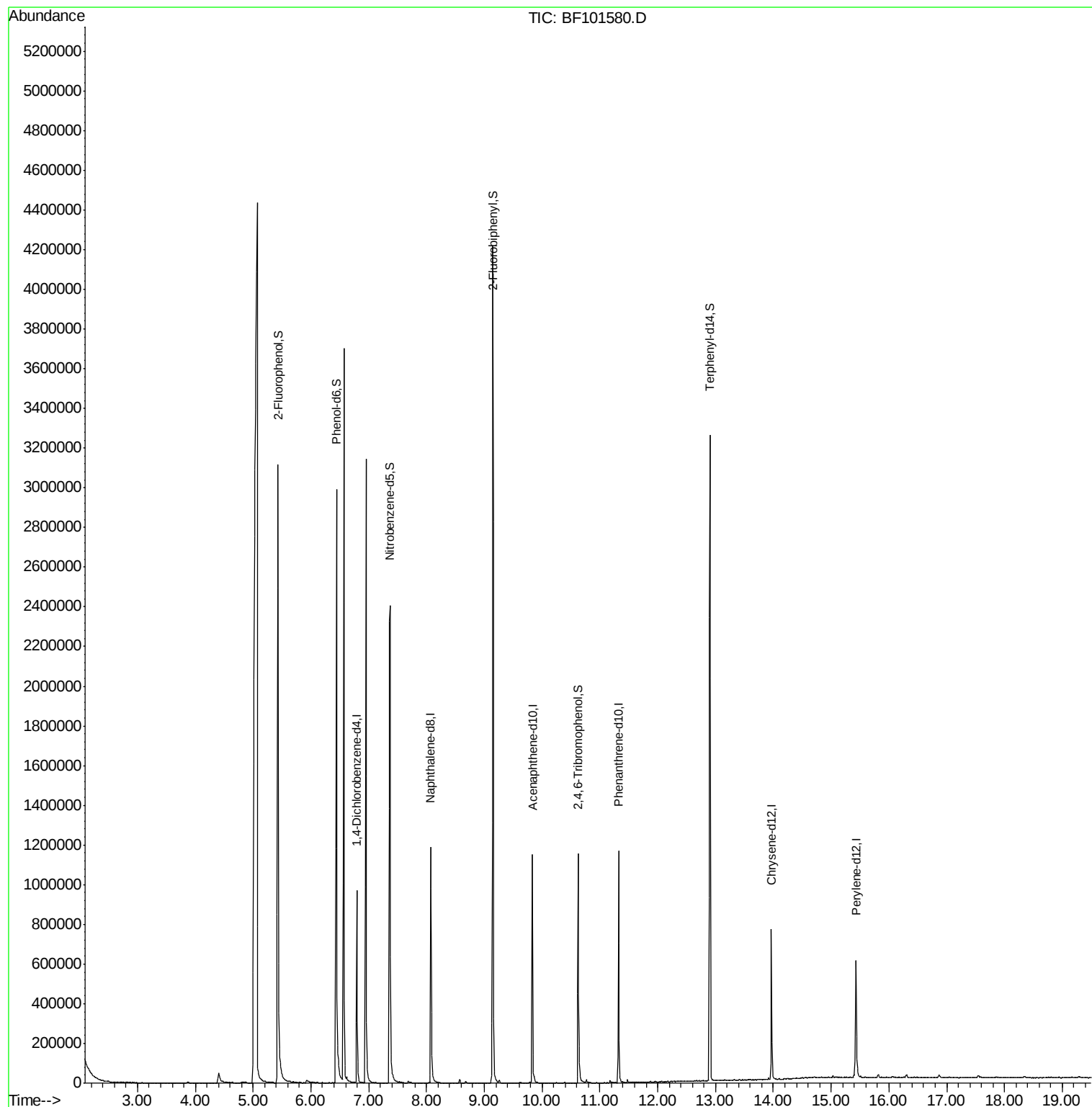
Target Compounds	Qvalue
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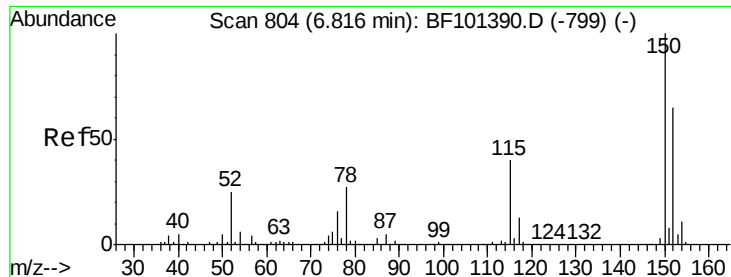
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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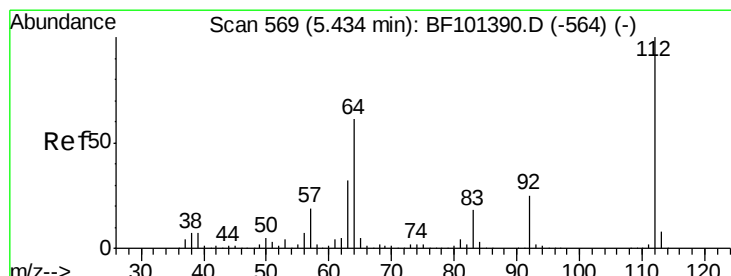
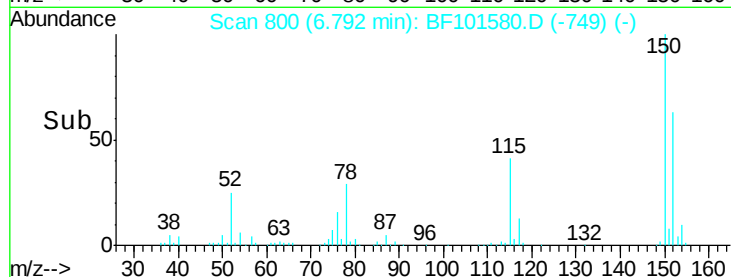
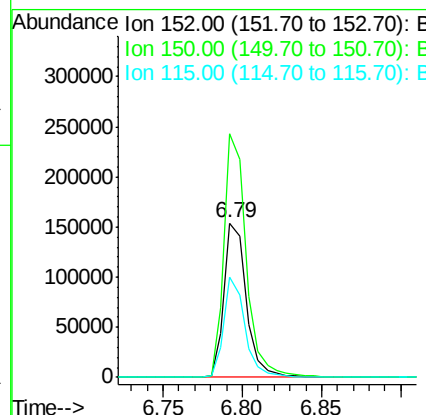
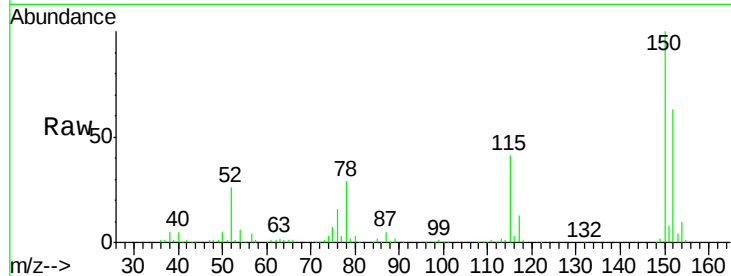




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

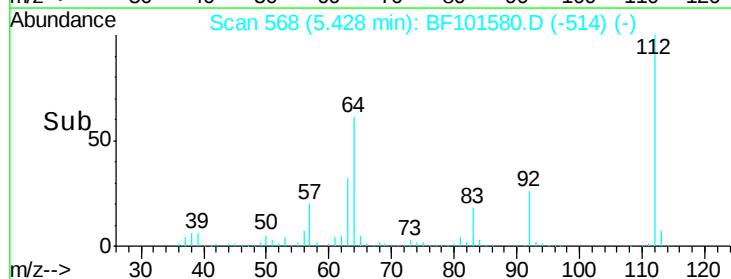
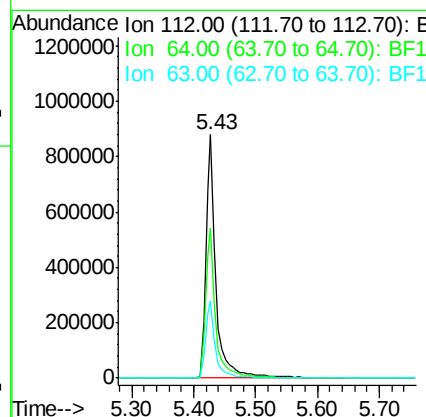
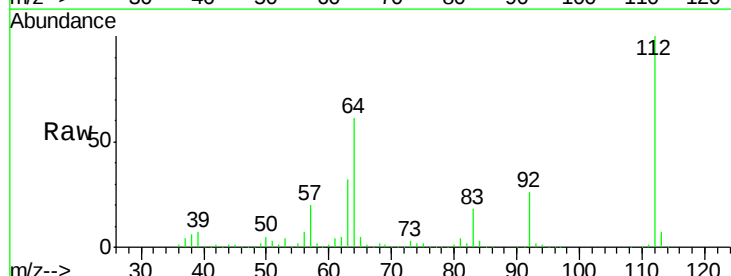
Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

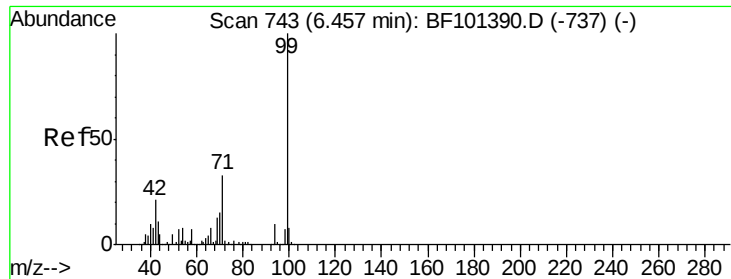
Tgt Ion:152 Resp: 151561
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 65.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 100.332 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Tgt Ion:112 Resp: 1020853
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 93.211 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

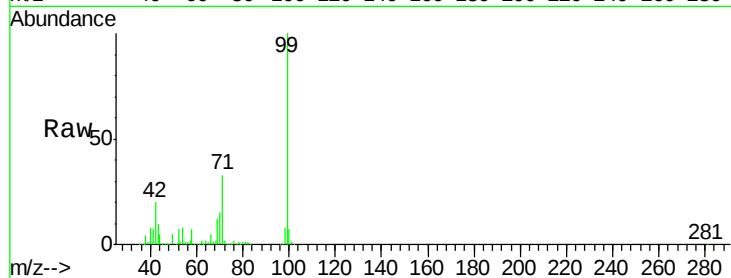
Tgt Ion: 99 Resp: 1180317

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

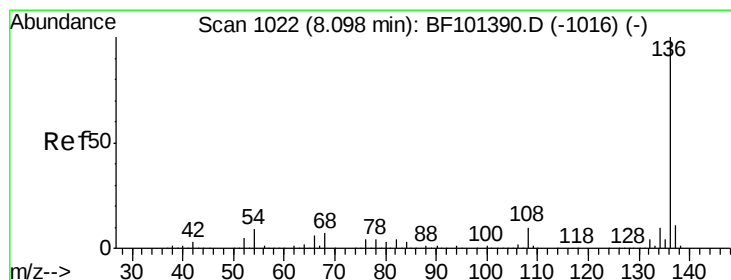
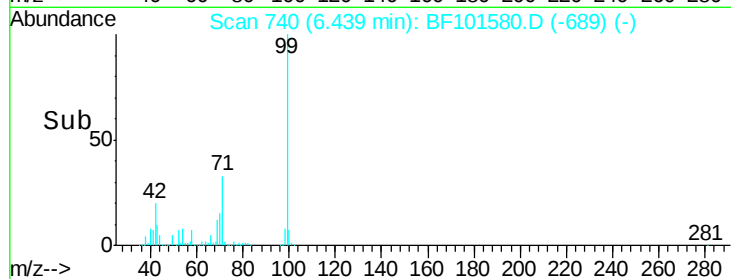
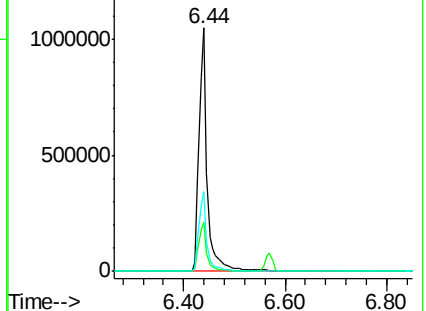
71 32.8 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Tgt Ion: 136 Resp: 599130

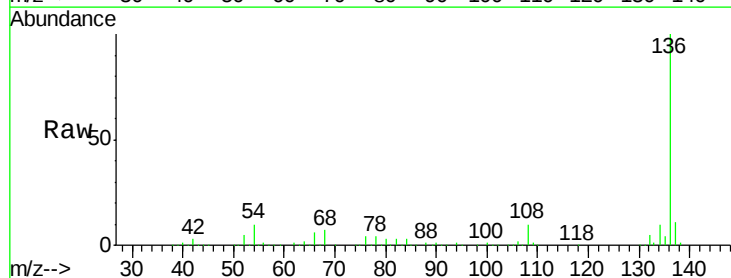
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.7 6.6 9.8

68 6.9 5.0 7.4

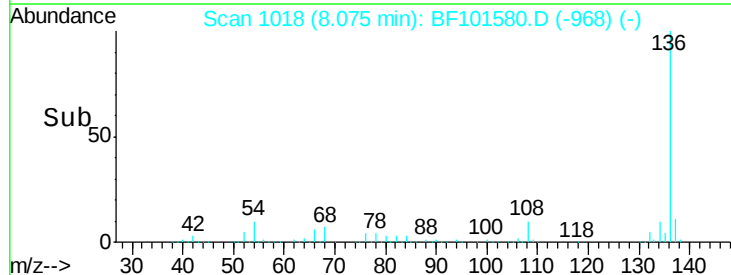
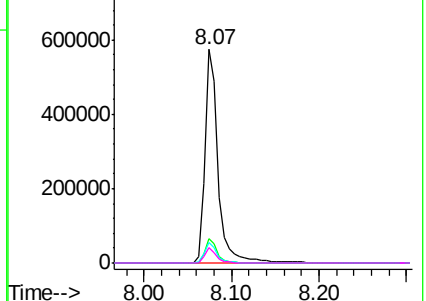


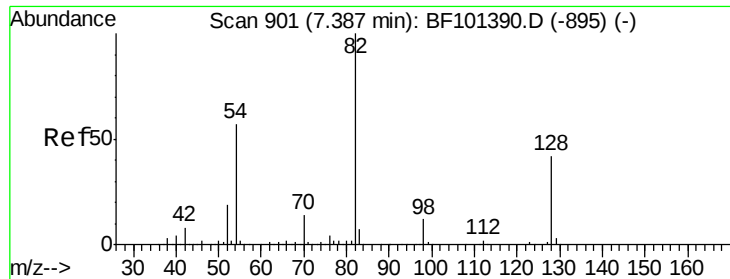
Abundance Ion 136.00 (135.70 to 136.70): E

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

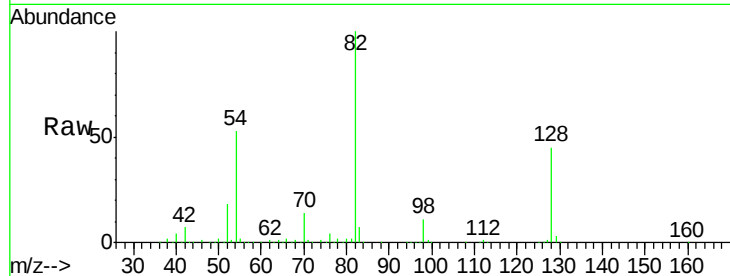




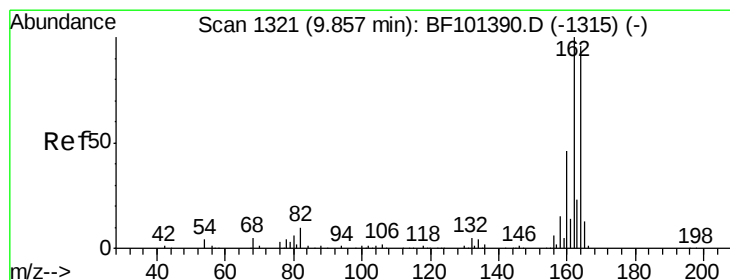
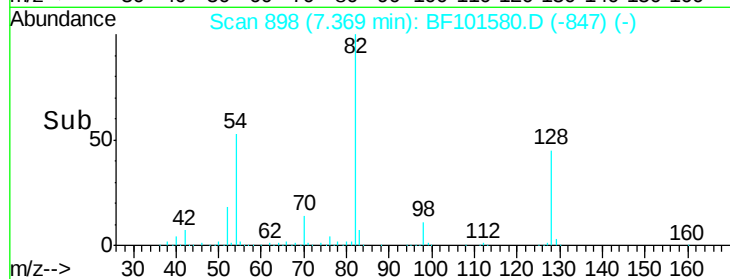
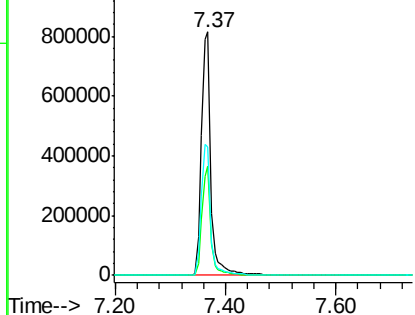
#23
Nitrobenzene-d5
Concen: 89.562 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tgt Ion: 82 Resp: 963954
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 52.8 41.4 62.2

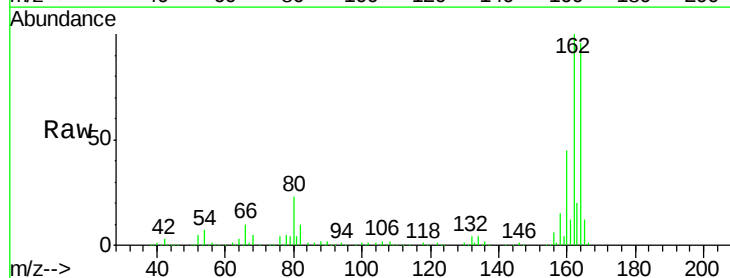


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

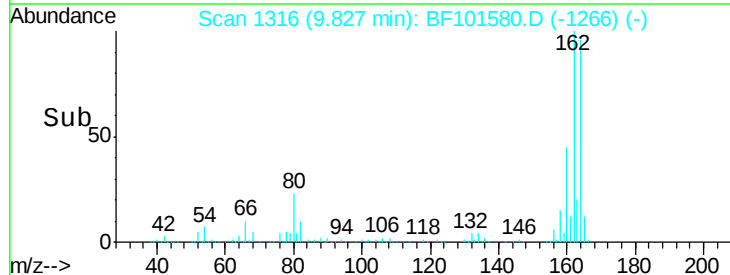
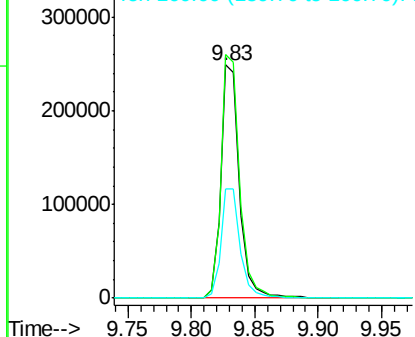


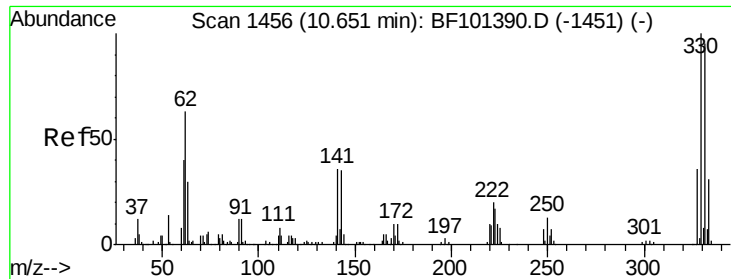
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Tgt Ion: 164 Resp: 254643
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.8 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

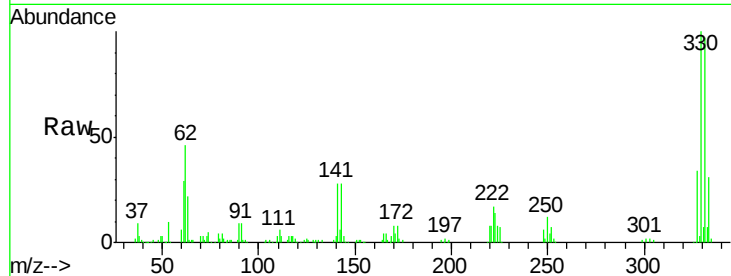




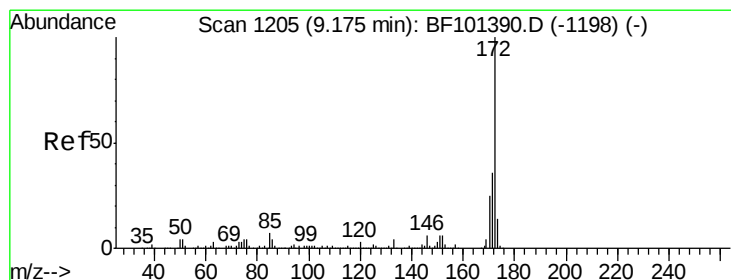
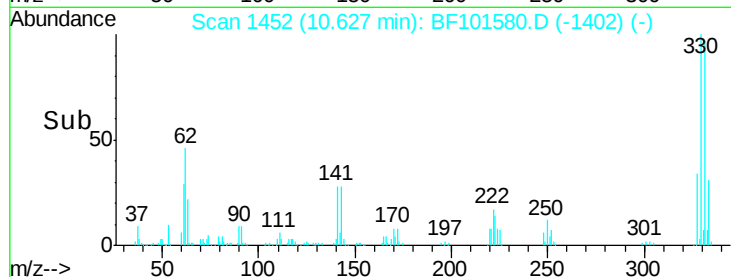
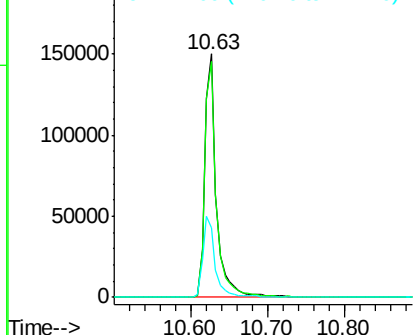
#41
 2,4,6-Tribromophenol
 Concen: 64.053 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tgt Ion:330 Resp: 157165
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 35.5 29.9 44.9

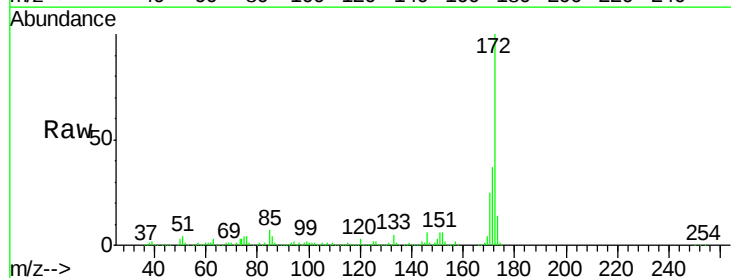


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

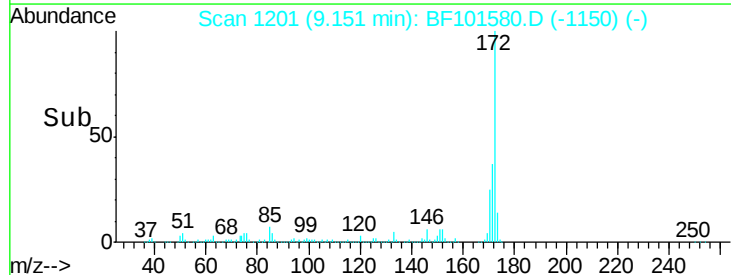
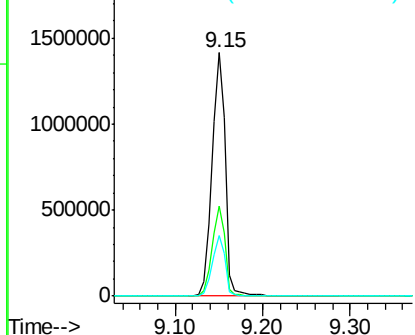


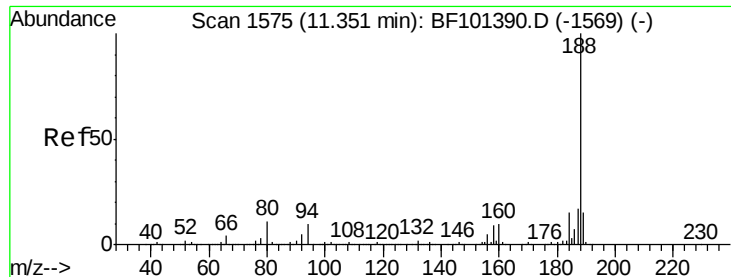
#44
 2-Fluorobiphenyl
 Concen: 91.244 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Tgt Ion:172 Resp: 1497803
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.1 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

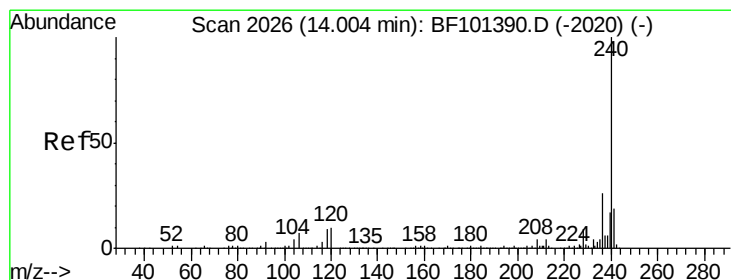
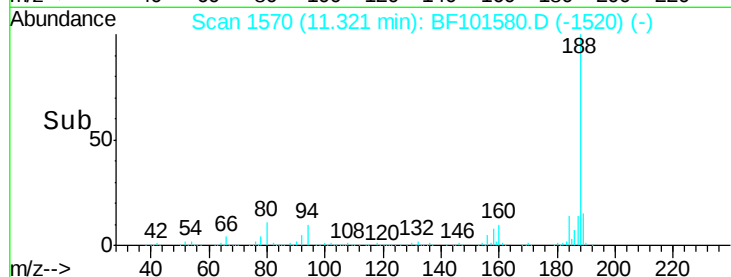
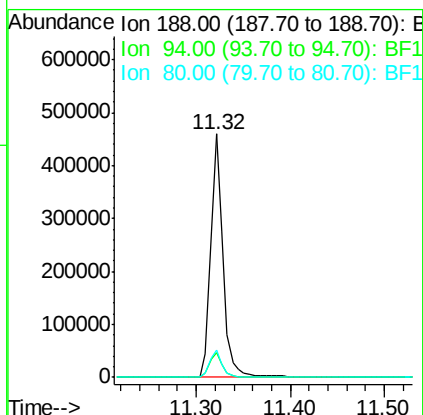
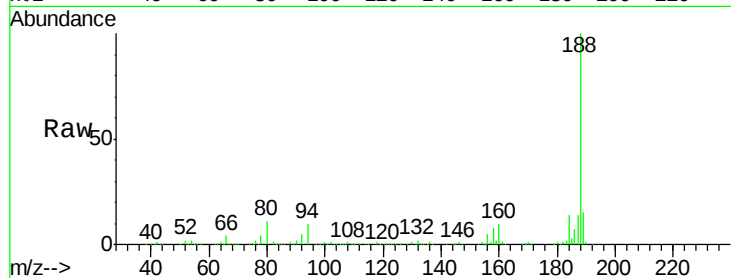




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

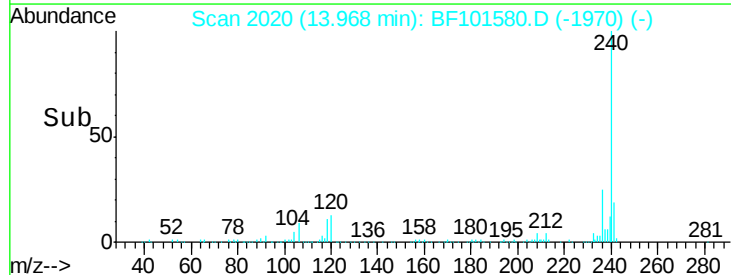
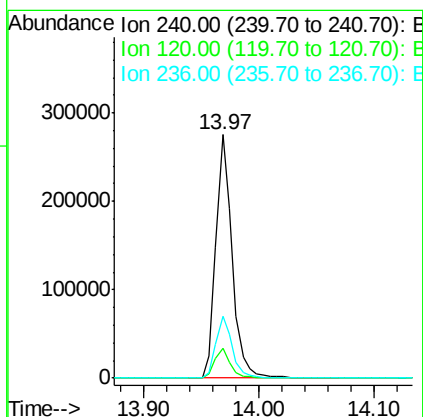
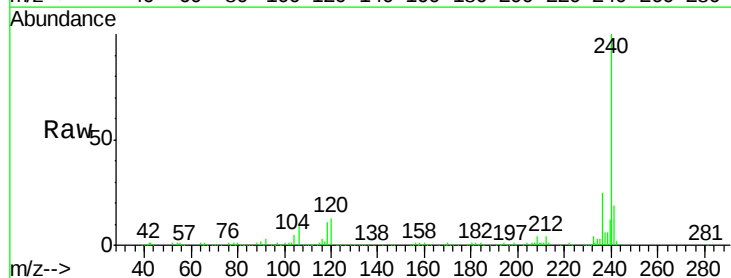
Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tgt Ion:188 Resp: 430101
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Tgt Ion:240 Resp: 269465
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.5 20.7 31.1

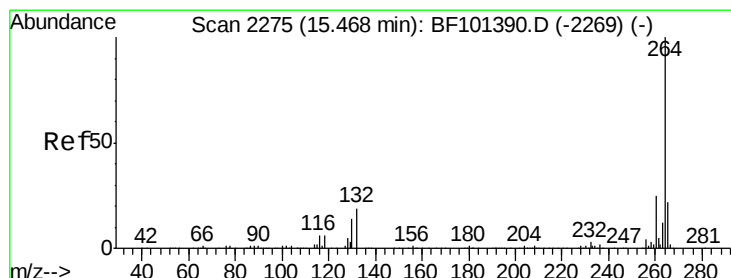
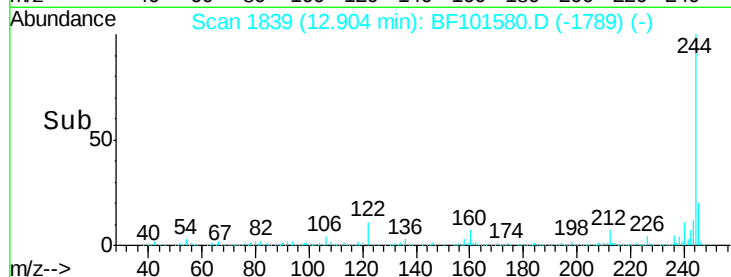
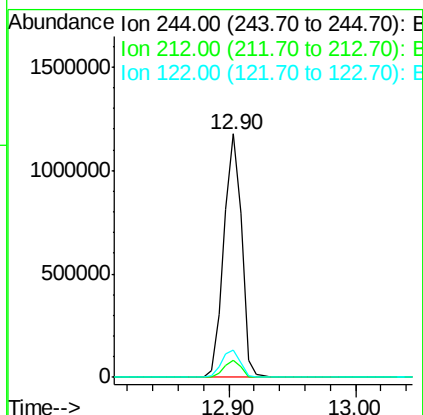
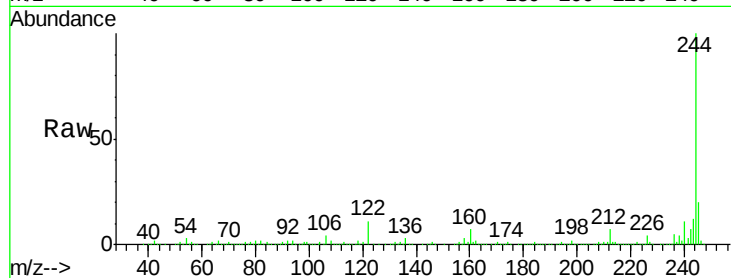




#78
 Terphenyl-d14
 Concen: 102.476 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tgt Ion:244 Resp: 1145432
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Tgt Ion:264 Resp: 312981
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.0 17.5 26.3

