

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101578.D
 Acq On : 20 Dec 2017 20:00
 Operator : SJ/JU
 Sample : I6981-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCS

Quant Time: Dec 21 04:42:40 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	6.80	152	148127	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	587601	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	242718	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	388510	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262240	20.00	ng	0.00
86) Perylene-d12	15.43	264	318199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1107762	111.40	ng	0.02
7) Phenol-d6	6.44	99	1234837	99.78	ng	0.00
23) Nitrobenzene-d5	7.36	82	932092	88.30	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	269394	115.19	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1415897	90.49	ng	0.00
78) Terphenyl-d14	12.90	244	1025149	94.24	ng	0.00

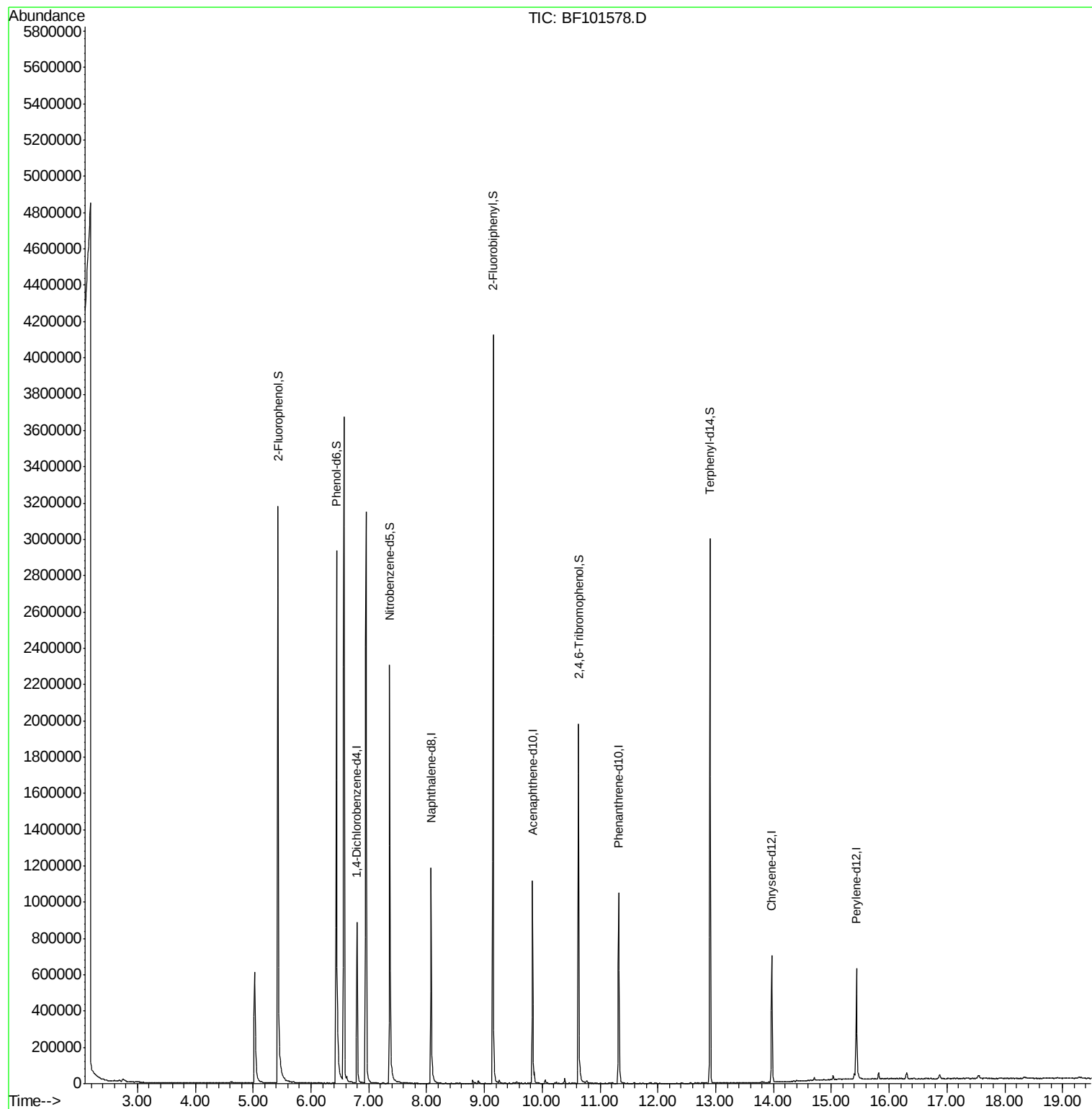
Target Compounds	Qvalue
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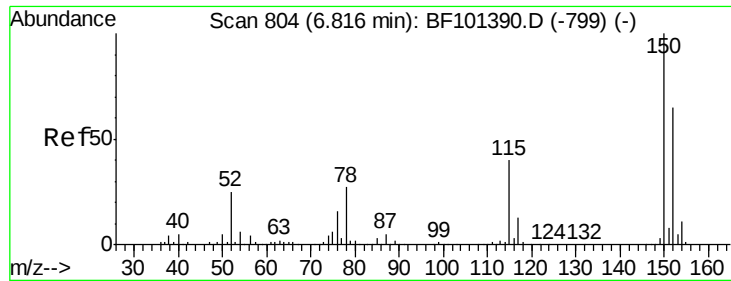
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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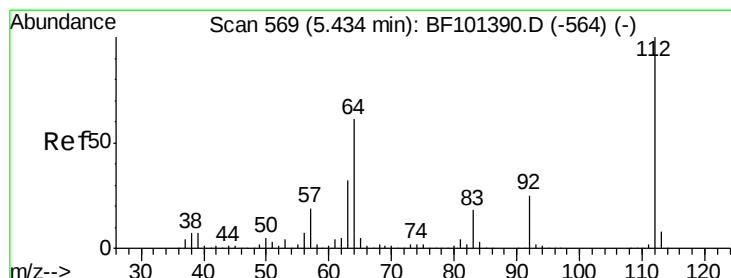
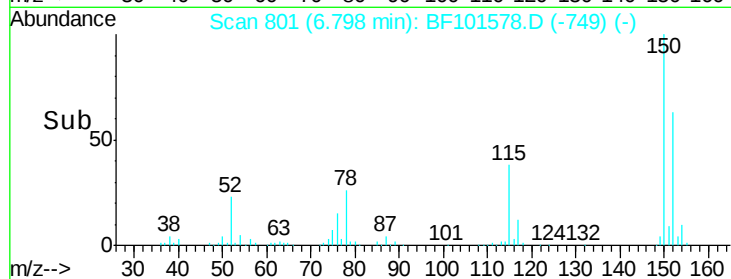
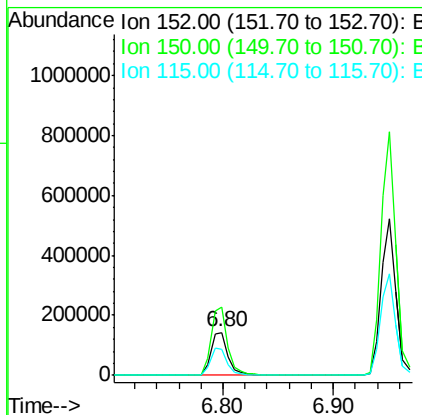
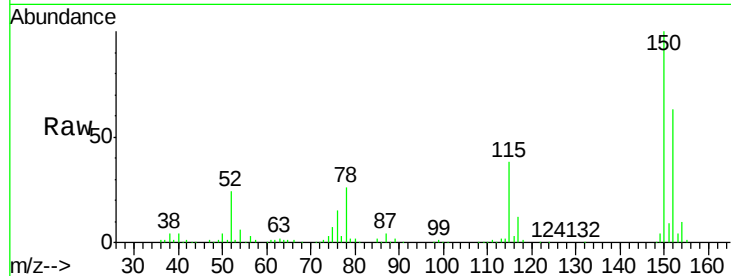


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101578.D
Acq: 20 Dec 2017 20:00

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCS

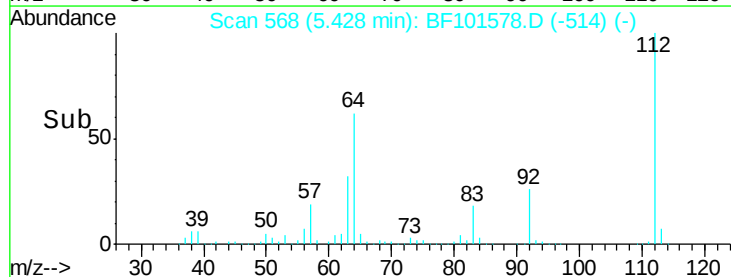
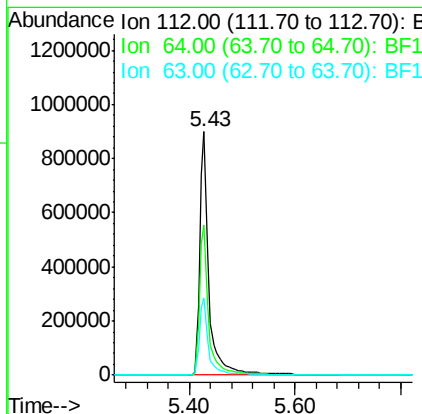
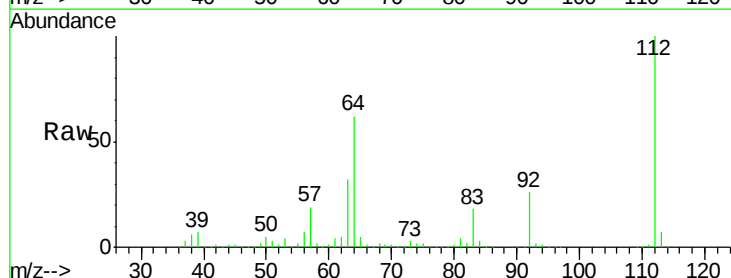
Tgt Ion:152 Resp: 148127
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.5 50.1 75.1

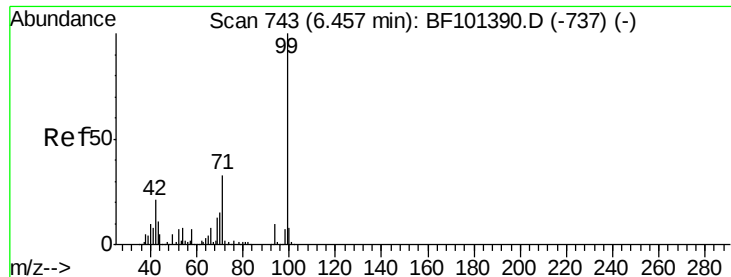


#5

2-Fluorophenol
Concen: 111.398 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101578.D
Acq: 20 Dec 2017 20:00

Tgt Ion:112 Resp: 1107762
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 99.777 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101578.D

Acq: 20 Dec 2017 20:00

Instrument :

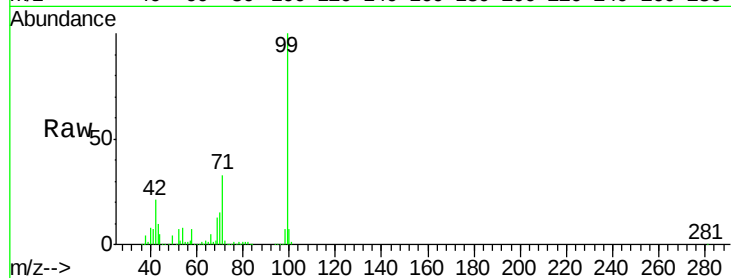
BNA_F

ClientSampleId :

PHMHB-WCS

Tgt Ion: 99 Resp: 1234837

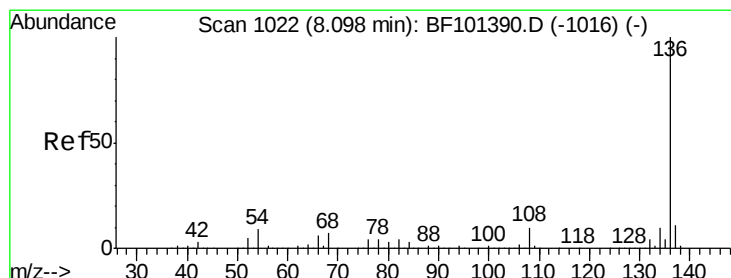
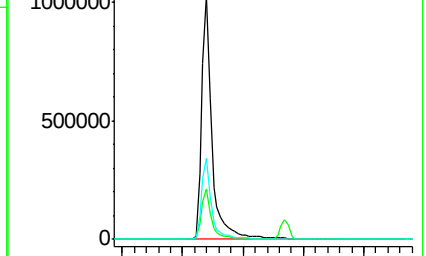
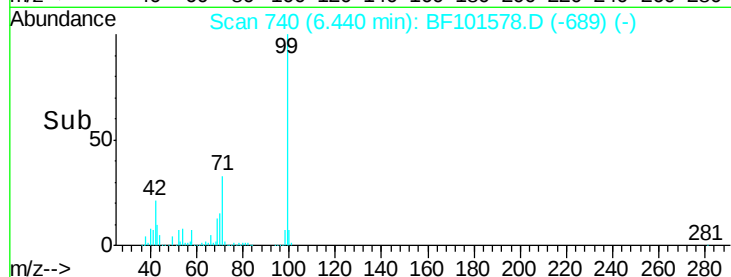
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.3	25.4	38.0



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

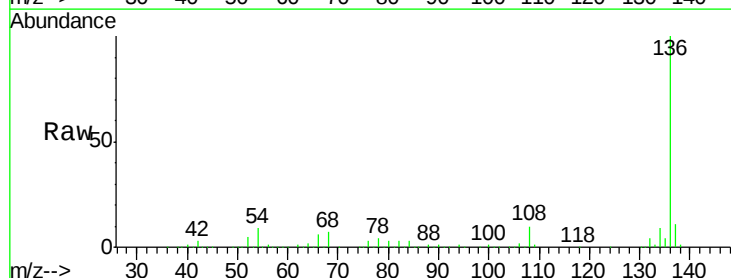
Delta R.T. -0.01 min

Lab File: BF101578.D

Acq: 20 Dec 2017 20:00

Tgt Ion: 136 Resp: 587601

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.4	6.6	9.8
68	6.6	5.0	7.4

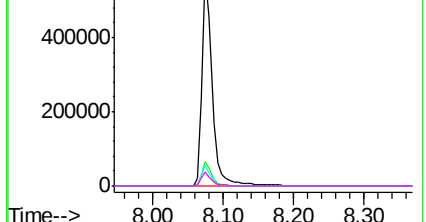
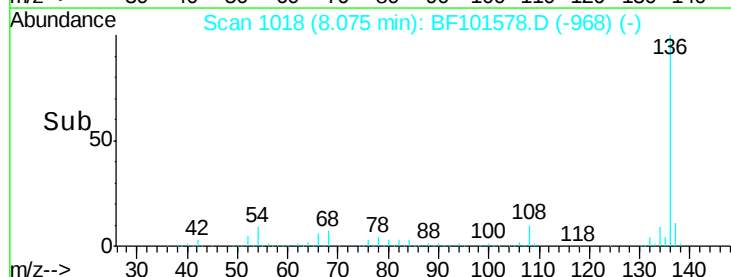


Abundance Ion 136.00 (135.70 to 136.70): E

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

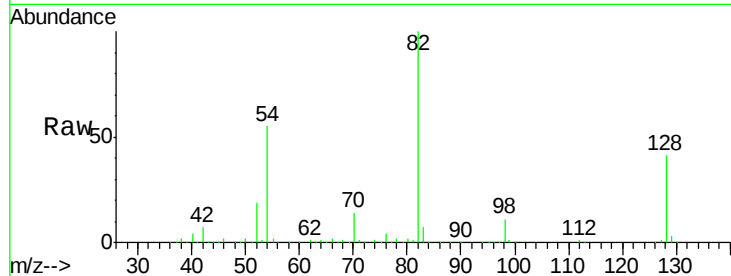




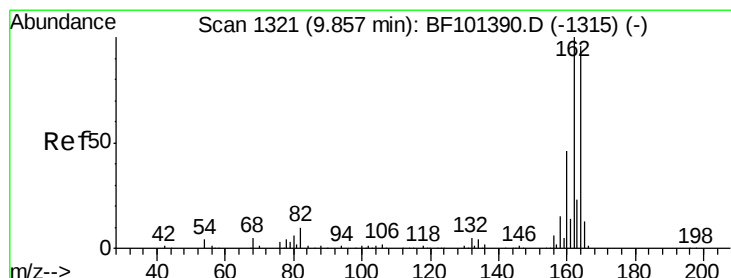
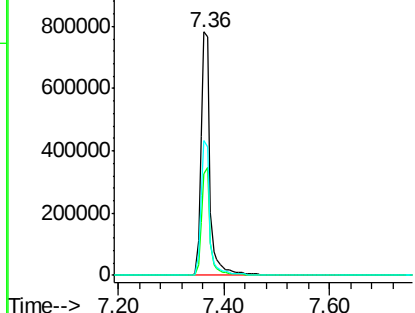
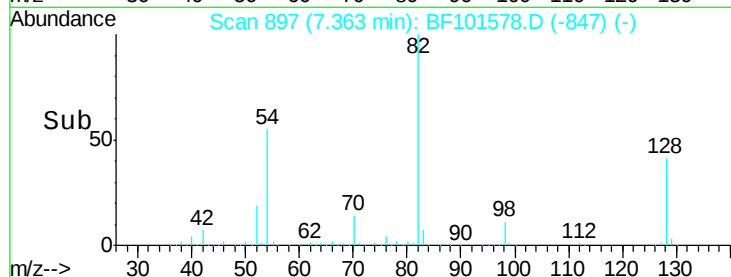
#23
 Nitrobenzene-d5
 Concen: 88.301 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101578.D
 Acq: 20 Dec 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCS

Tgt Ion: 82 Resp: 932092
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 55.2 41.4 62.2

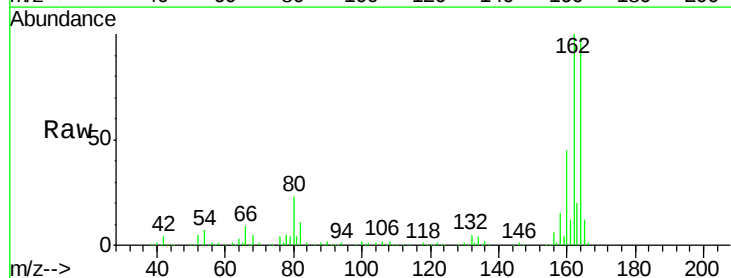


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

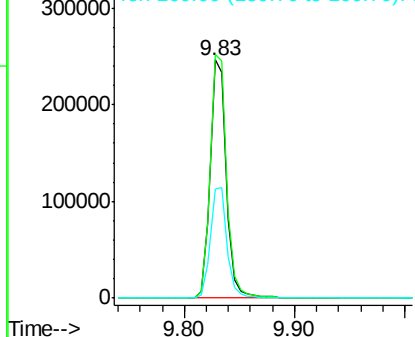
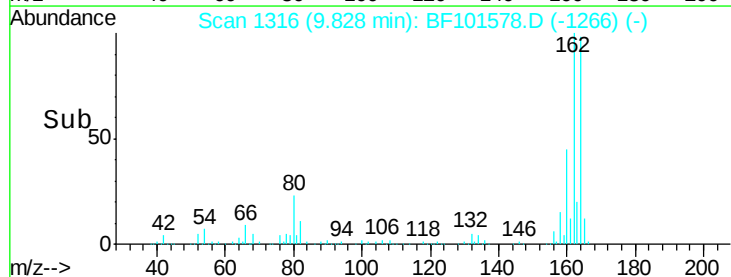


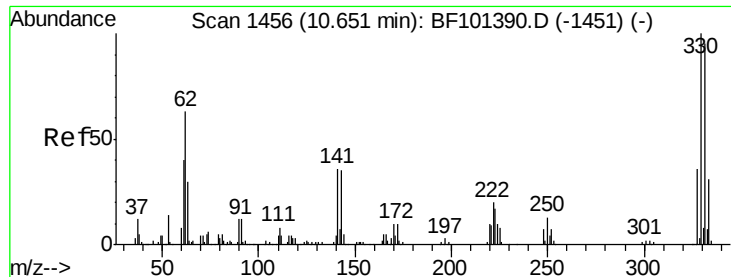
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF101578.D
 Acq: 20 Dec 2017 20:00

Tgt Ion: 164 Resp: 242718
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

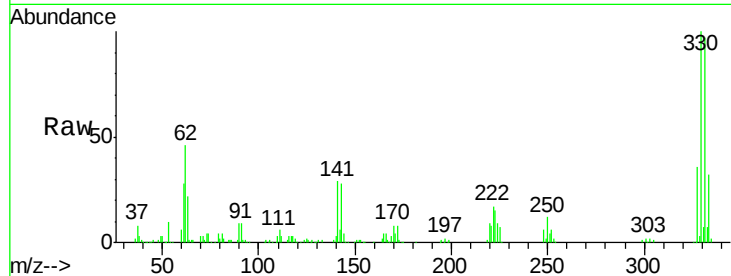




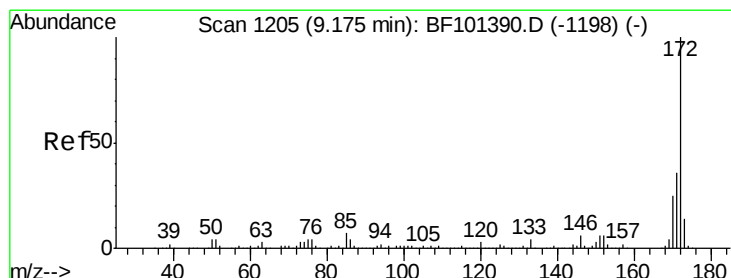
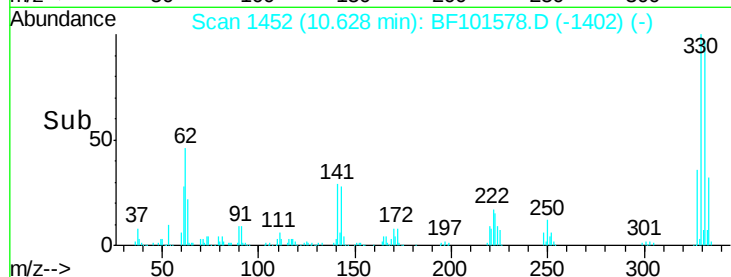
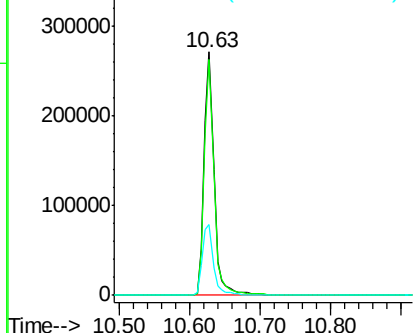
#41
 2,4,6-Tribromophenol
 Concen: 115.186 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101578.D
 Acq: 20 Dec 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCS

Tgt Ion:330 Resp: 269394
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.8 29.9 44.9

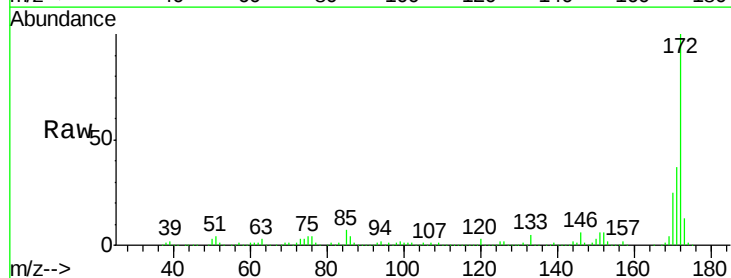


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

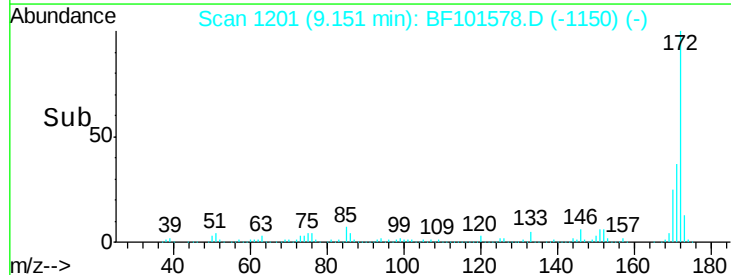
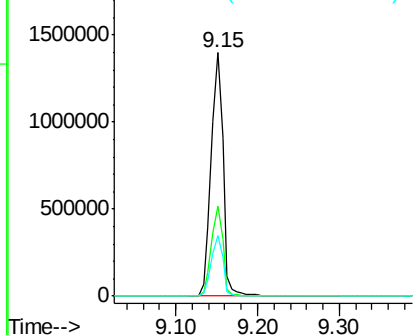


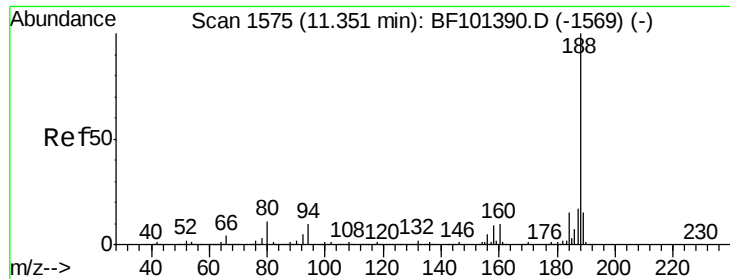
#44
 2-Fluorobiphenyl
 Concen: 90.492 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101578.D
 Acq: 20 Dec 2017 20:00

Tgt Ion:172 Resp: 1415897
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.9 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

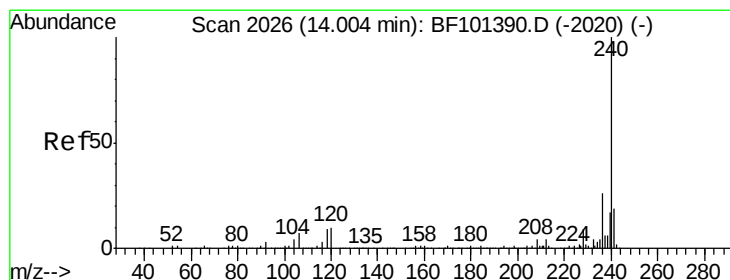
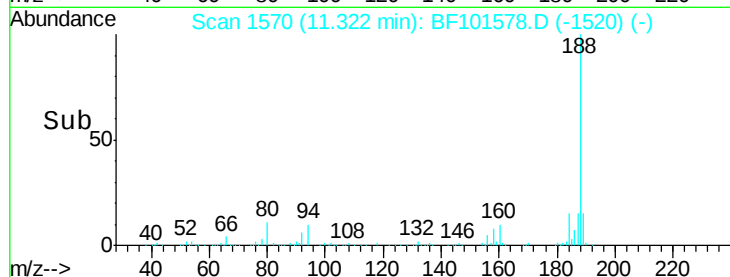
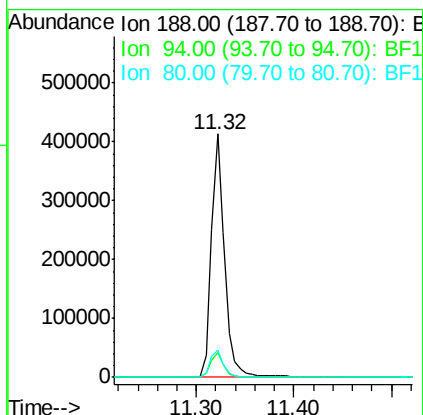
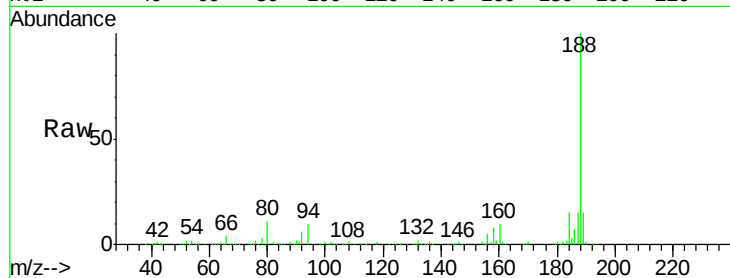




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101578.D
 Acq: 20 Dec 2017 20:00

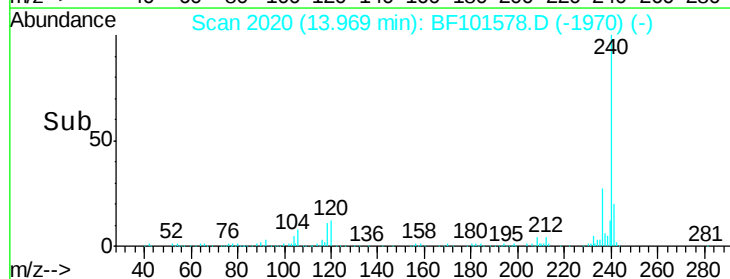
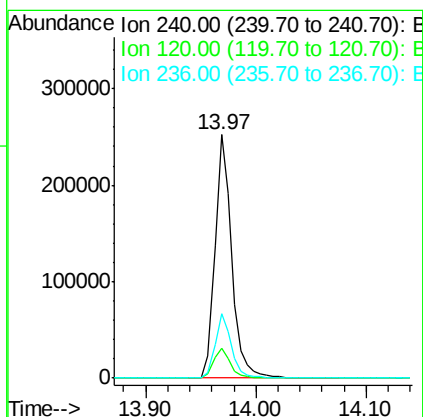
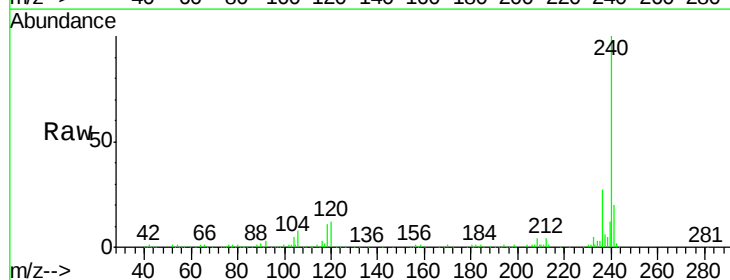
Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCS

Tgt Ion:188 Resp: 388510
 Ion Ratio Lower Upper
 188 100
 94 10.0 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: BF101578.D
 Acq: 20 Dec 2017 20:00

Tgt Ion:240 Resp: 262240
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.5 14.3
 236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 94.242 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101578.D

Acq: 20 Dec 2017 20:00

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCS

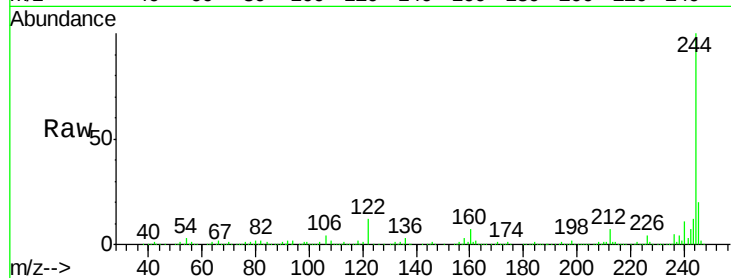
Tgt Ion:244 Resp: 1025149

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

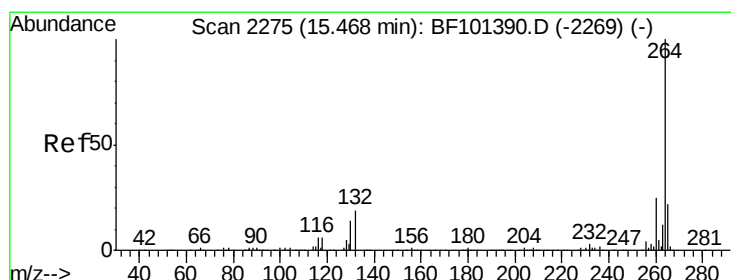
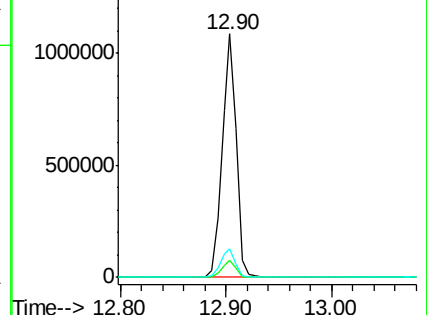
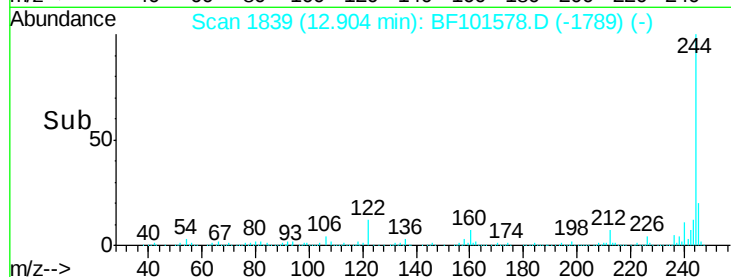
122 11.7 11.0 16.4



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# 2269

Delta R.T. 0.00 min

Lab File: BF101578.D

Acq: 20 Dec 2017 20:00

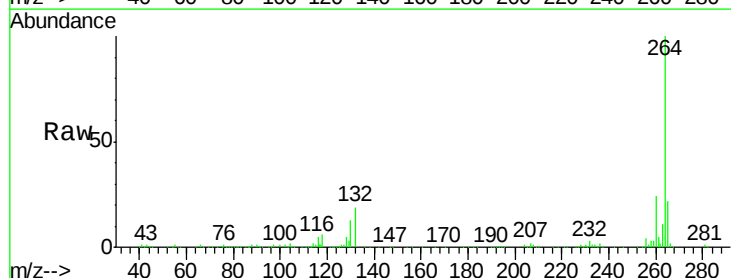
Tgt Ion:264 Resp: 318199

Ion Ratio Lower Upper

264 100

260 23.9 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

