

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101640.D
 Acq On : 22 Dec 2017 7:34
 Operator : SJ/JU
 Sample : I7008-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-U-B

Quant Time: Dec 22 10:25:43 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

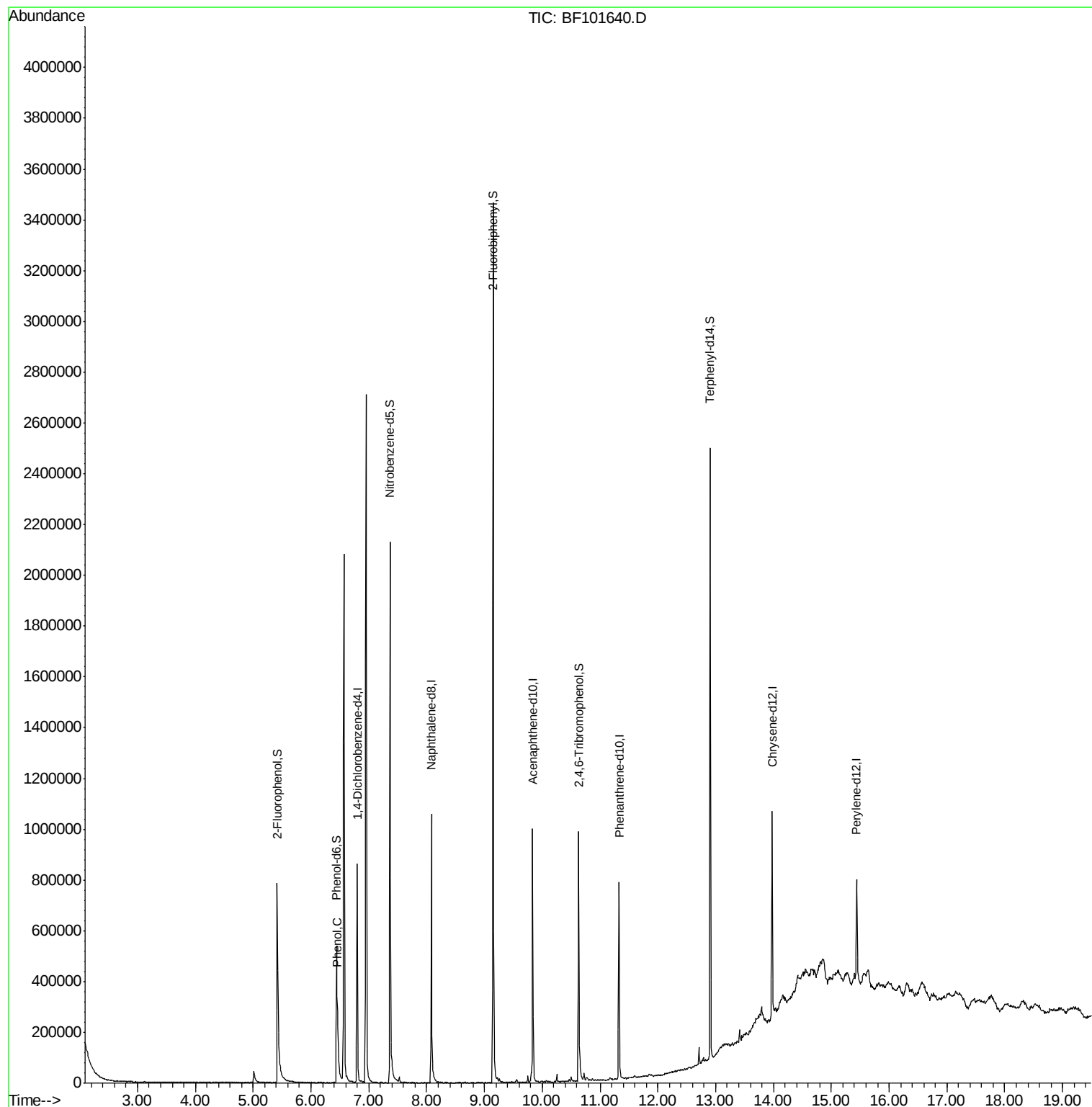
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135825	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	527876	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202199	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	307244	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296456	20.00	ng	0.00
86) Perylene-d12	15.44	264	228052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	366751	40.22	ng	0.00
7) Phenol-d6	6.44	99	284149	25.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	762452	80.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127853	65.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1218275	93.46	ng	0.00
78) Terphenyl-d14	12.90	244	830291	67.52	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26594	2.056	ng	Qvalue # 74

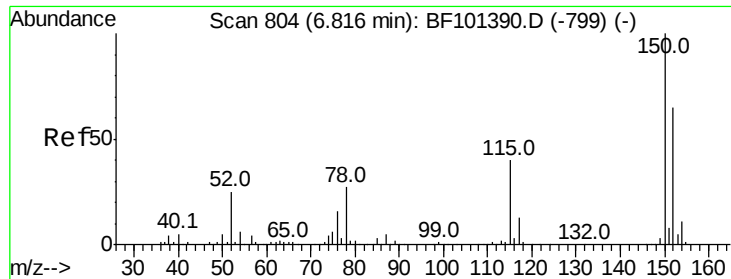
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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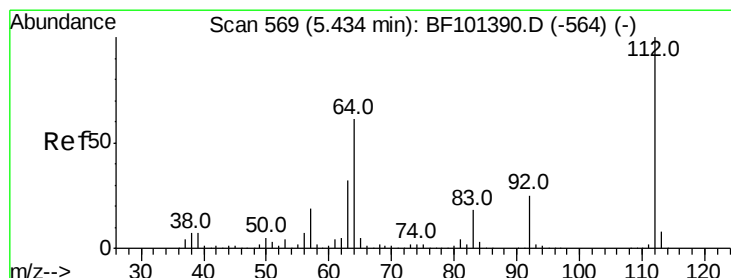
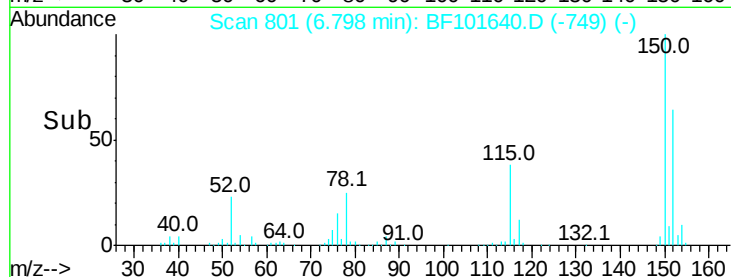
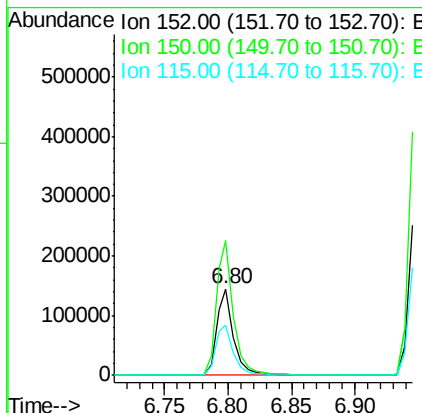
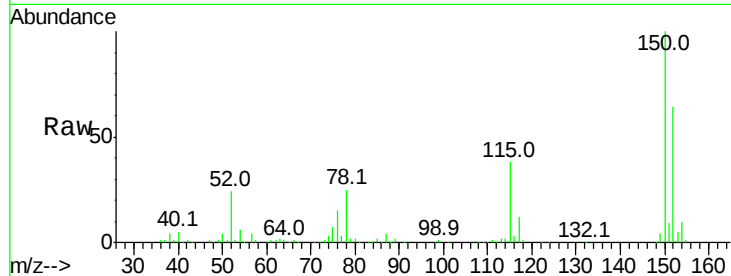


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-U-B

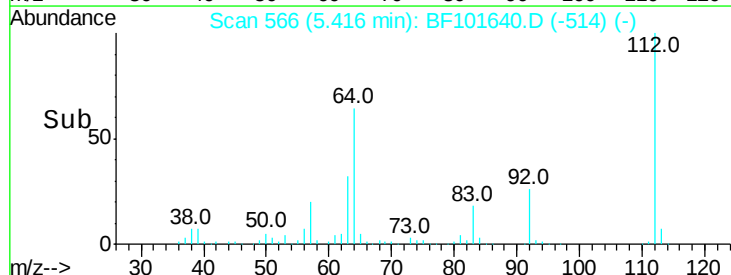
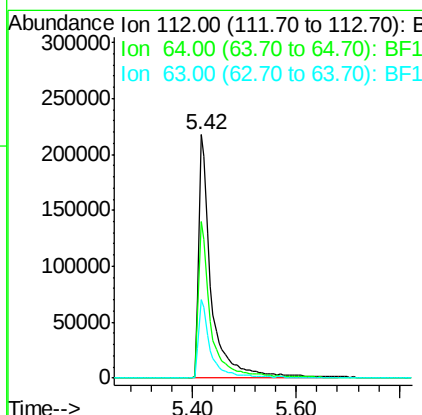
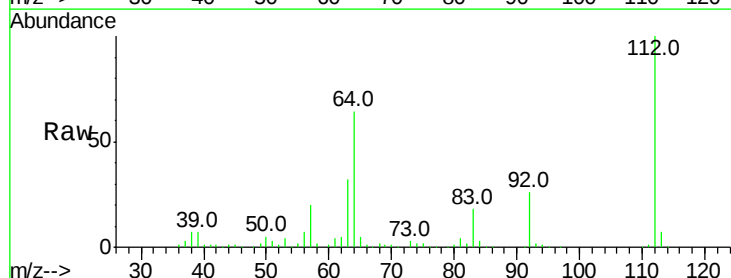
Tot Ion:152 Resp: 135825
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 58.8 50.1 75.1

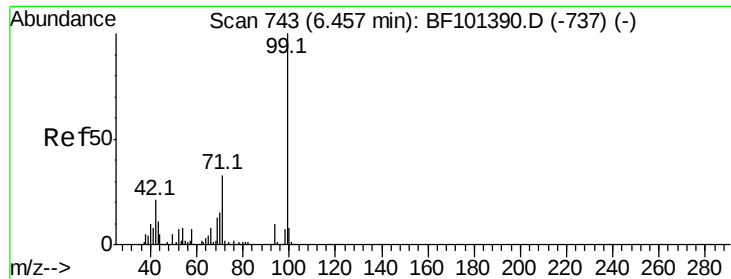


#5

2-Fluorophenol
Concen: 40.221 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Tgt Ion:112 Resp: 366751
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.4 23.7 35.5





#7

Phenol-d6

Concen: 25.039 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-U-B

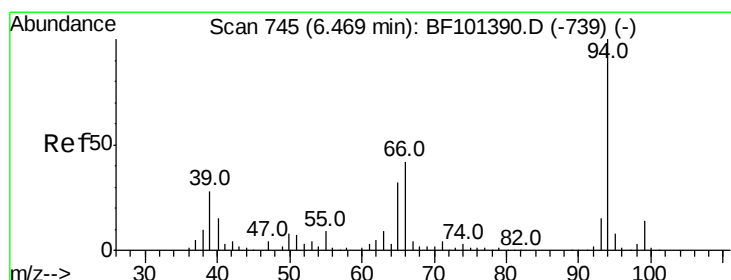
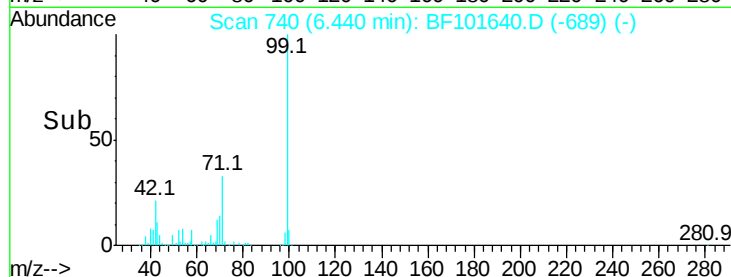
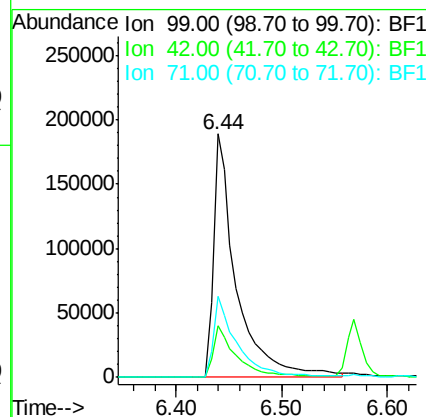
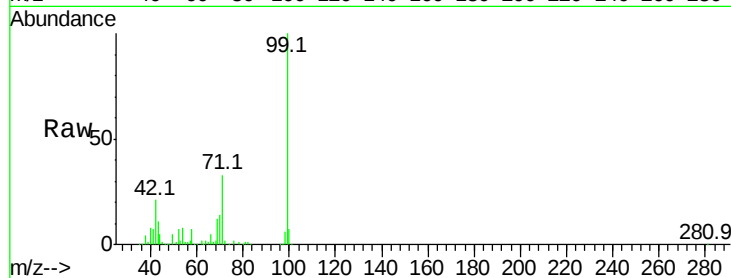
Tot Ion: 99 Resp: 284149

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 2.056 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

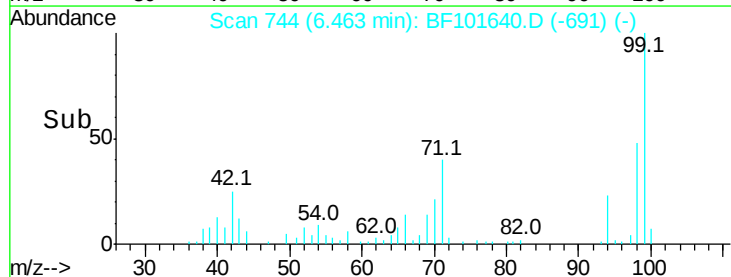
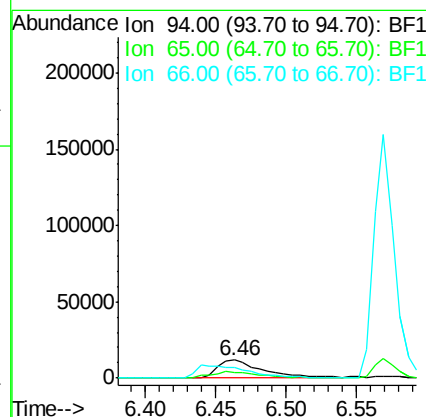
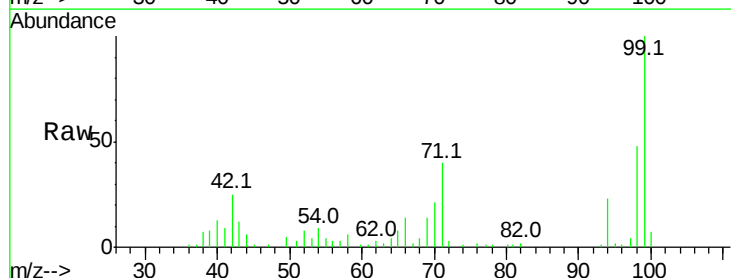
Tgt Ion: 94 Resp: 26594

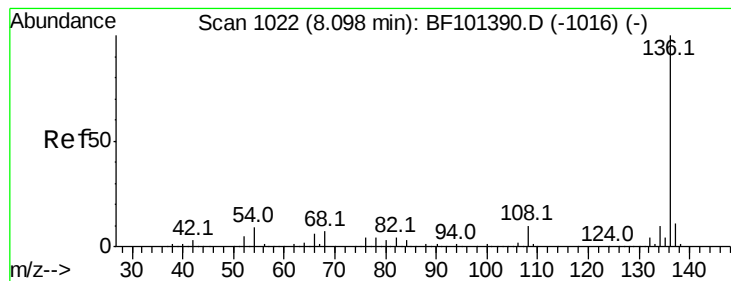
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 59.2 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-U-B

Tot Ion:136 Resp: 527876

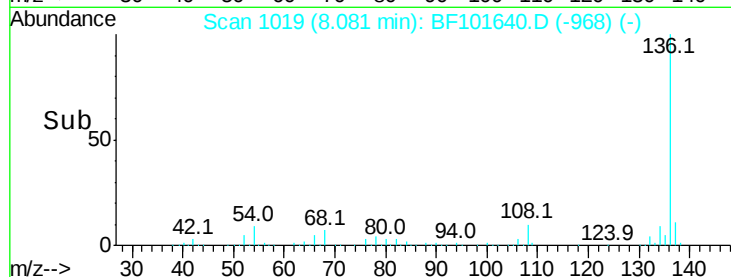
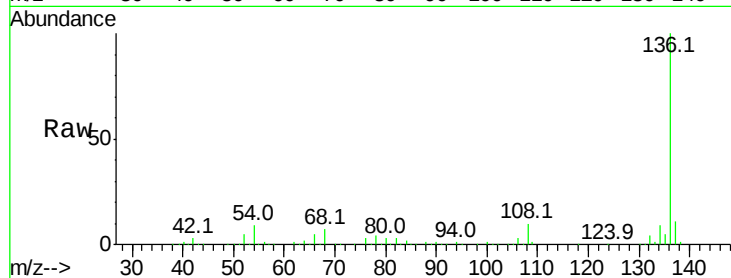
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.1 6.6 9.8

68 6.6 5.0 7.4

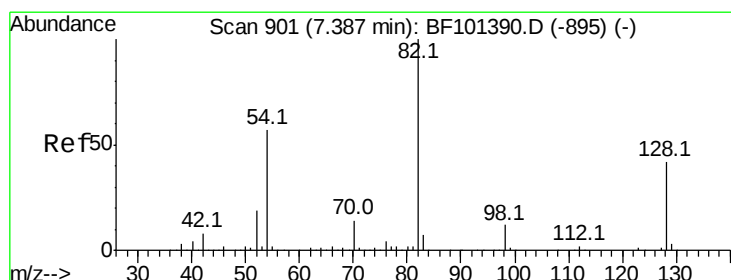
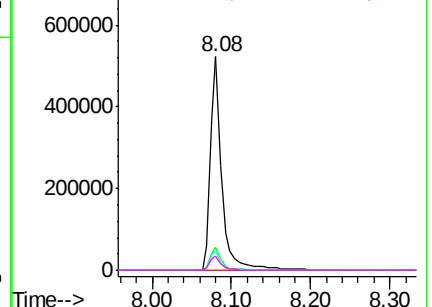


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.402 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

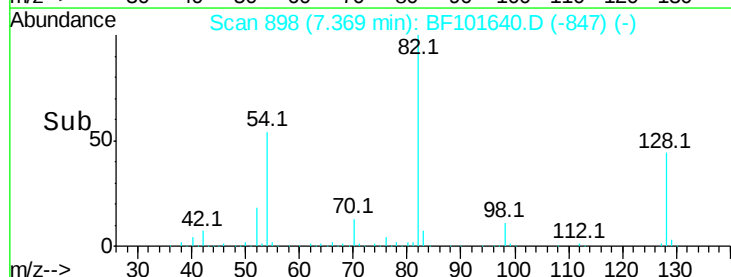
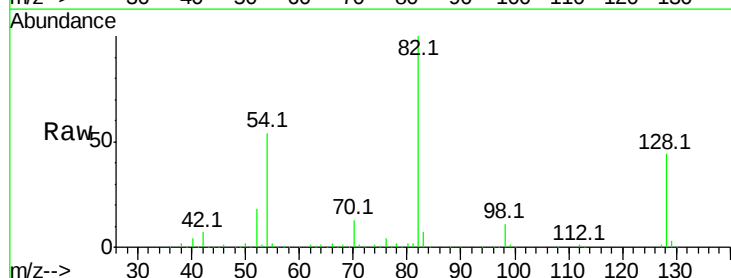
Tgt Ion: 82 Resp: 762452

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

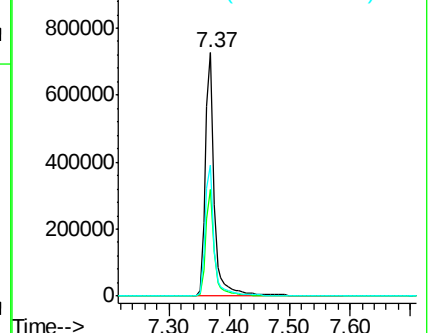
54 53.9 41.4 62.2

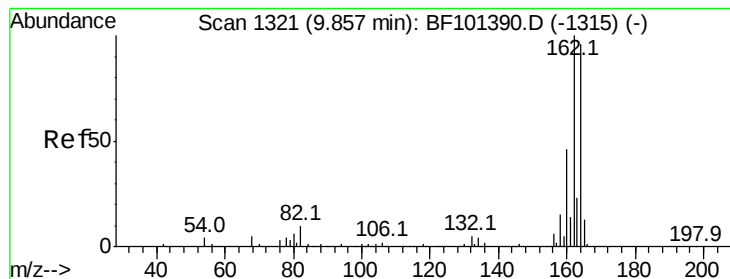


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-U-B

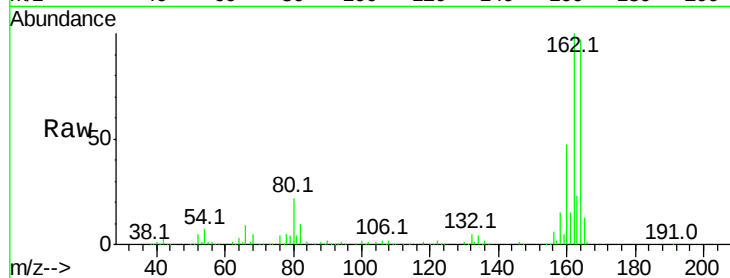
Tot Ion:164 Resp: 202199

Ion Ratio Lower Upper

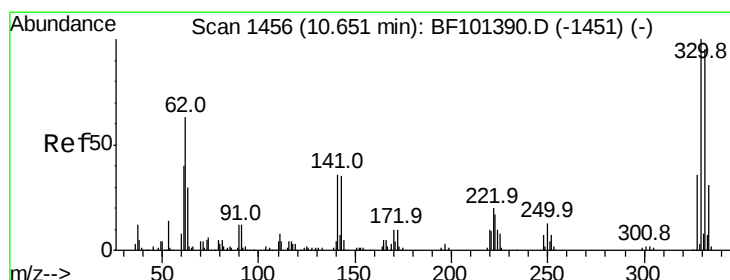
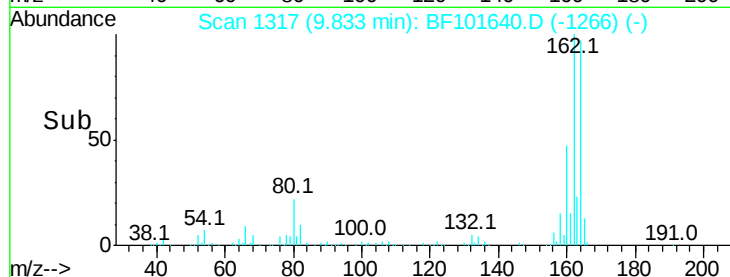
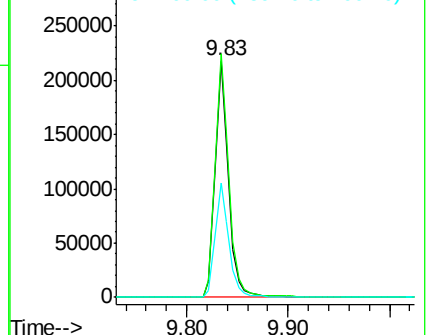
164 100

162 103.1 86.1 129.1

160 48.4 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: 65.621 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

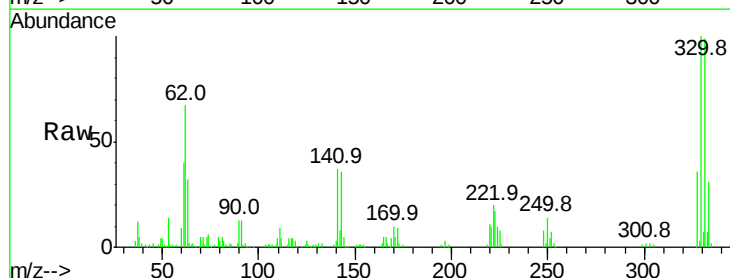
Tgt Ion:330 Resp: 127853

Ion Ratio Lower Upper

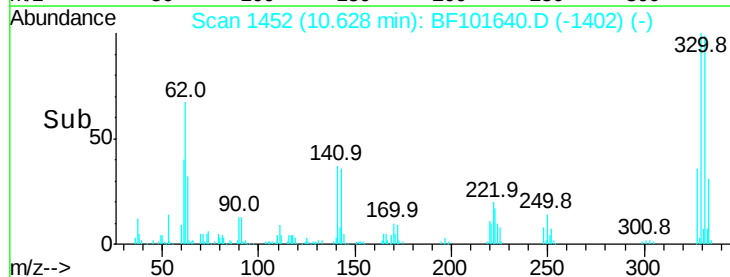
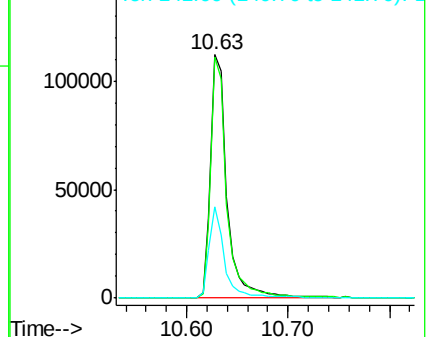
330 100

332 95.9 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



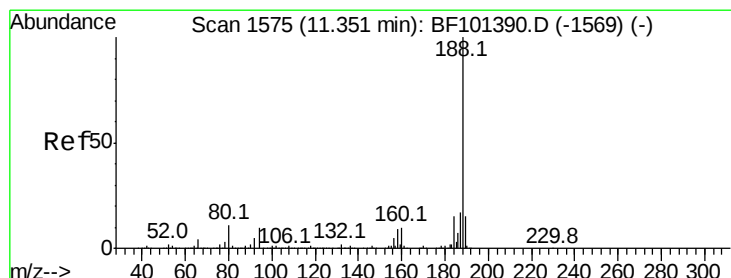
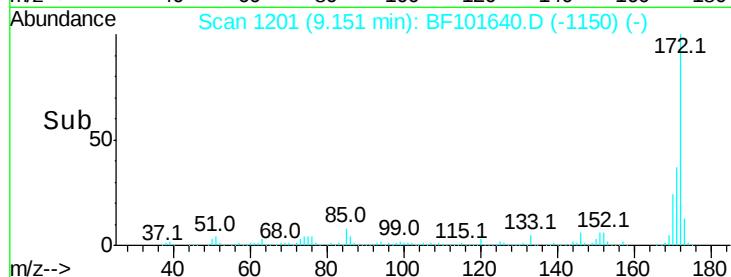
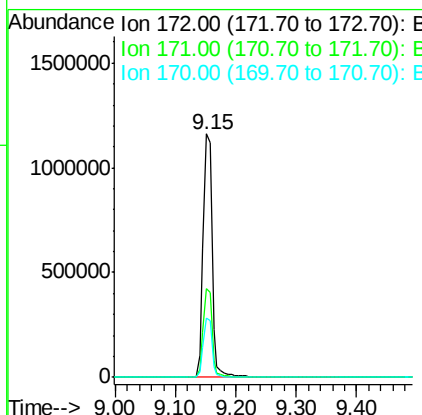
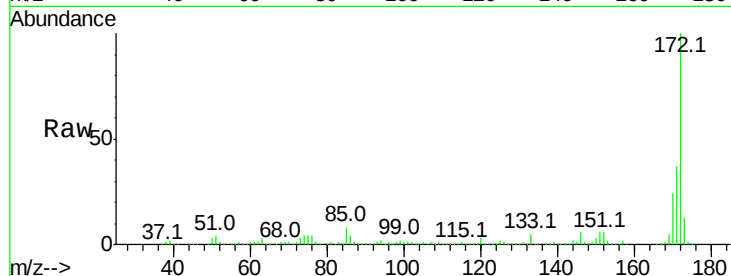


#44
 2-Fluorobiphenyl
 Concen: 93.464 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101640.D
 Acq: 22 Dec 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-U-B

Tot Ion:172 Resp: 1218275

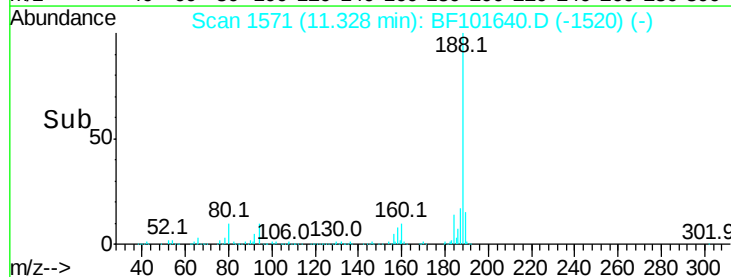
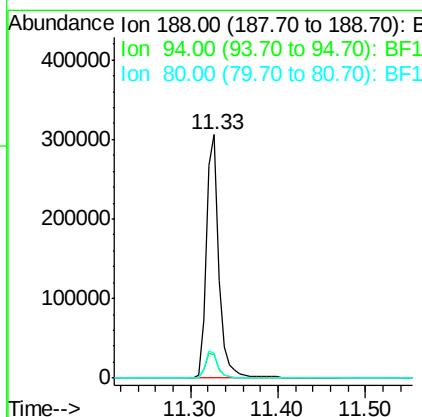
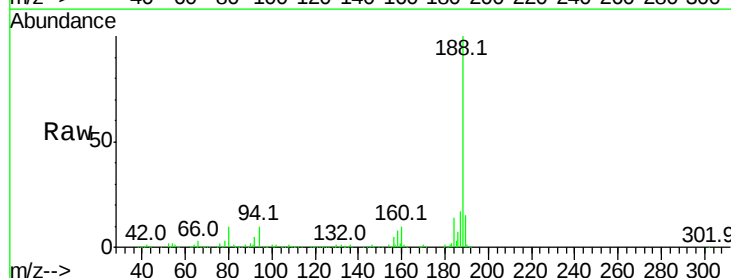
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

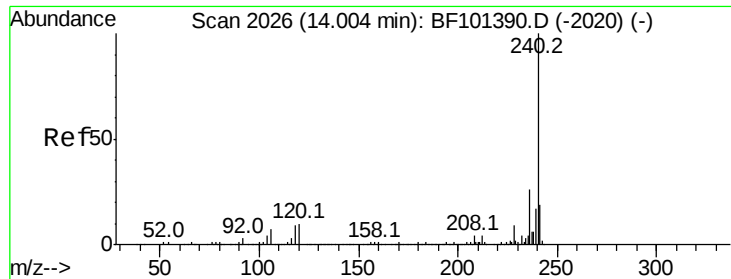


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF101640.D
 Acq: 22 Dec 2017 7:34

Tgt Ion:188 Resp: 307244

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-U-B

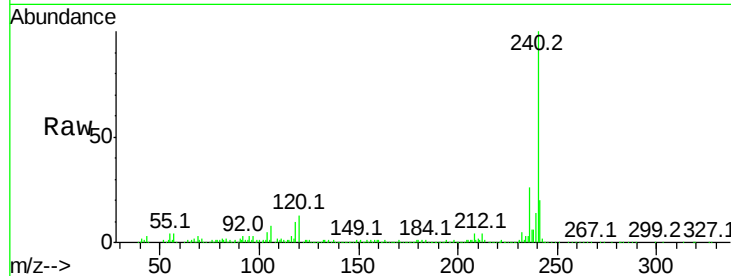
Tot Ion:240 Resp: 296456

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

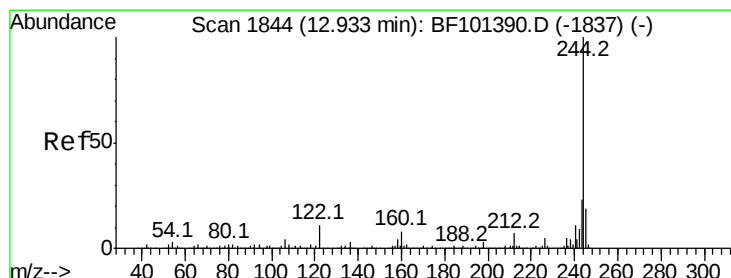
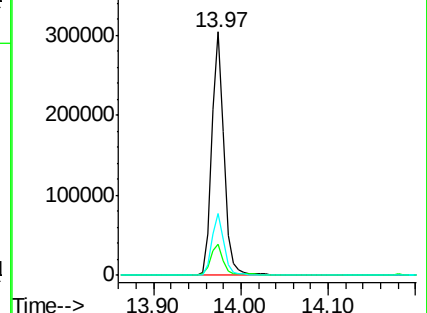
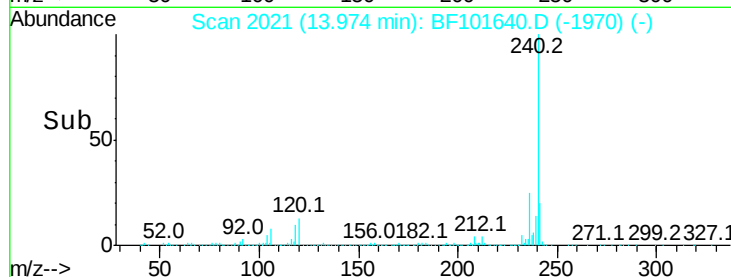
236 25.5 20.7 31.1



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: 67.519 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

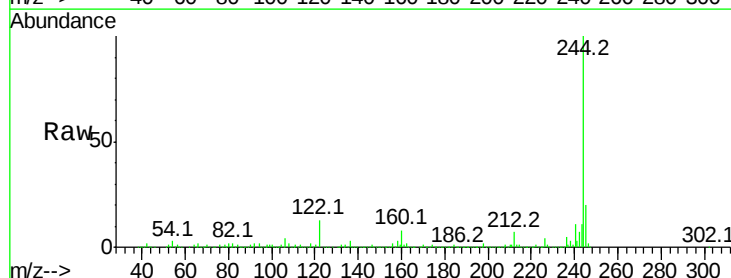
Tgt Ion:244 Resp: 830291

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

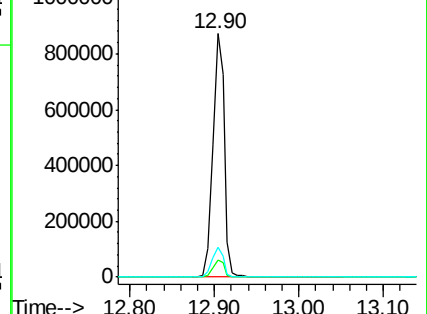
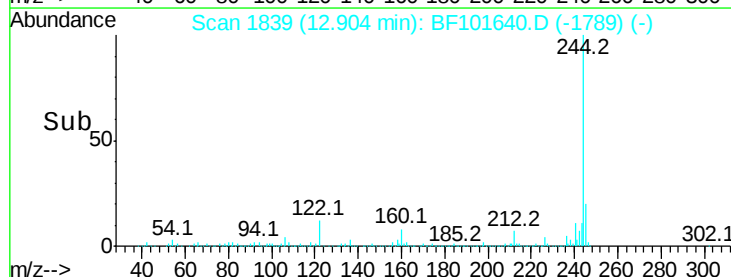
122 12.5 11.0 16.4

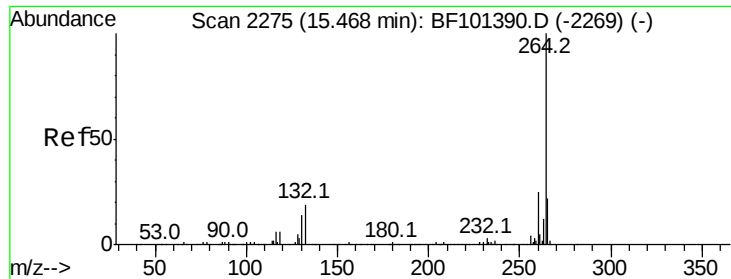


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



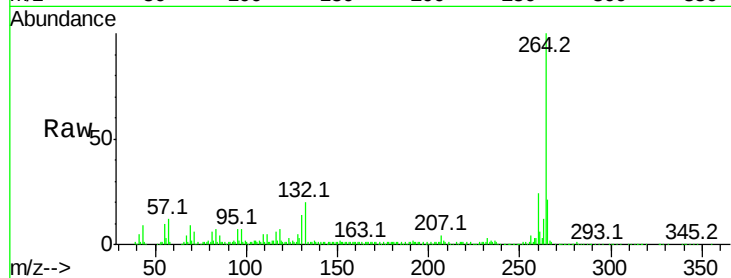


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-U-B

Tot Ion: 264 Resp: 228052

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	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

