

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101636.D
 Acq On : 22 Dec 2017 5:48
 Operator : SJ/JU
 Sample : I7008-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-D-S

Quant Time: Dec 22 08:08:49 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

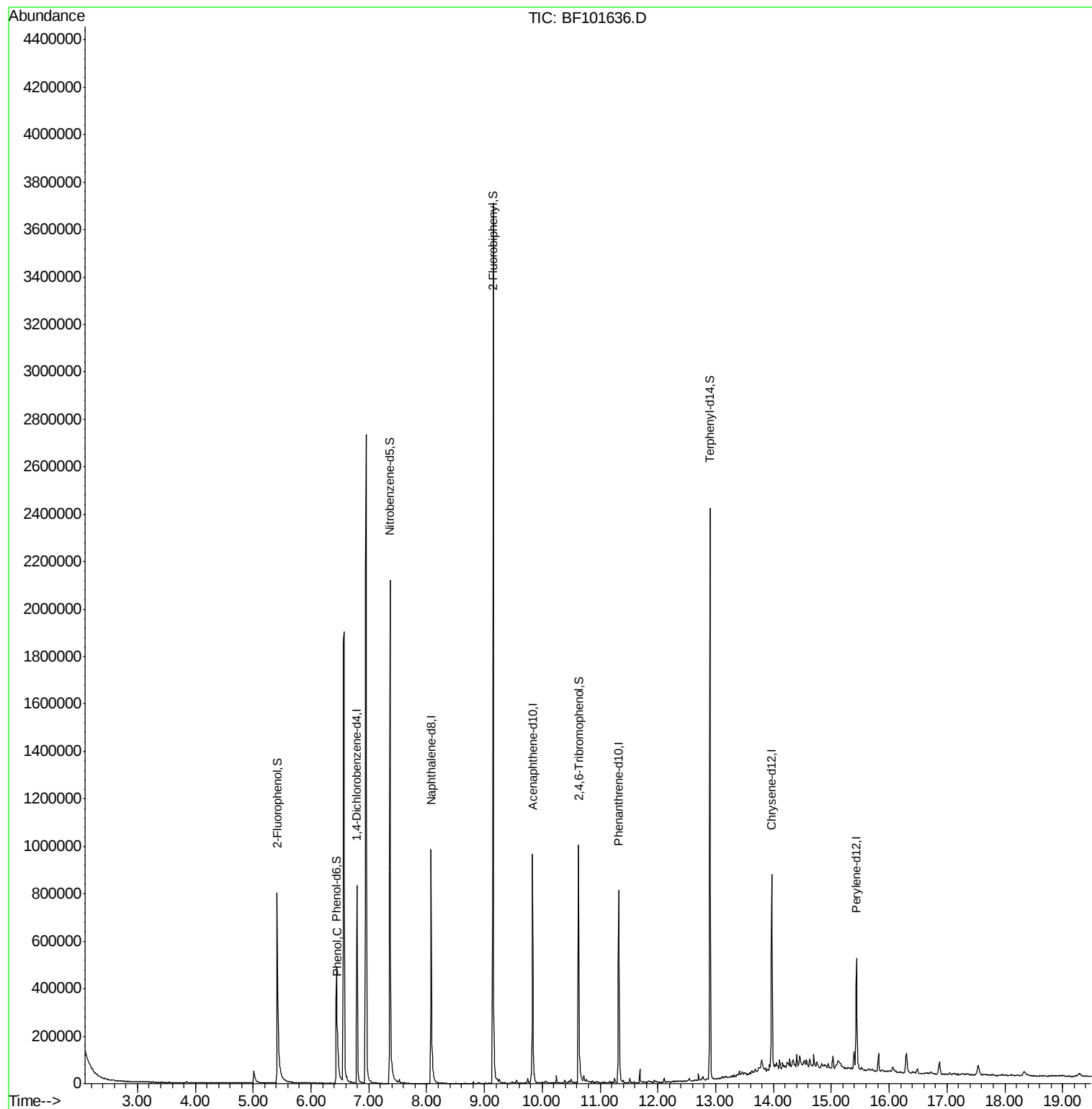
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132805	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	518670	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	203952	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	312124	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287269	20.00	ng	0.00
86) Perylene-d12	15.43	264	239064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	356617	40.00	ng	0.00
7) Phenol-d6	6.44	99	279368	25.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	795536	85.38	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	142619	72.57	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1225294	93.19	ng	0.00
78) Terphenyl-d14	12.90	244	822217	69.00	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26897	2.127	ng	Qvalue 81

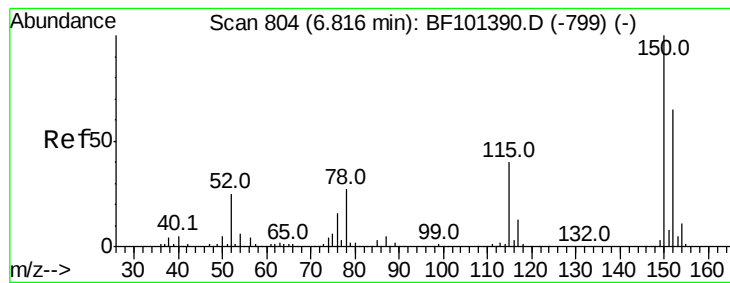
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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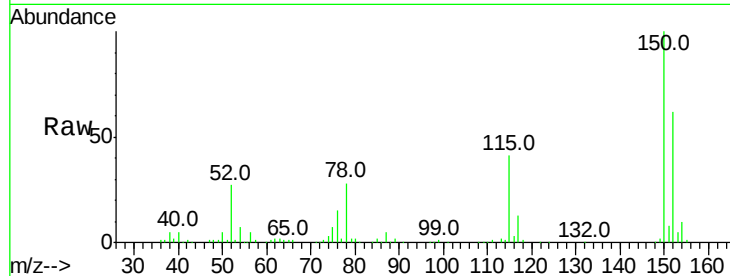


#1

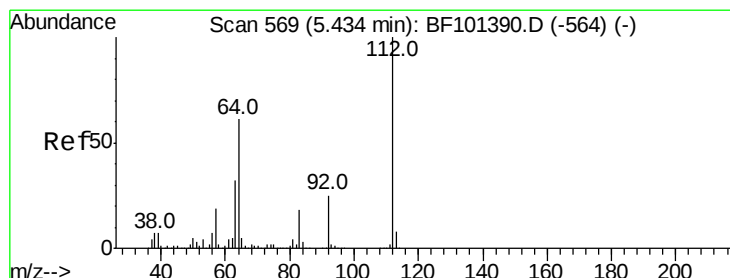
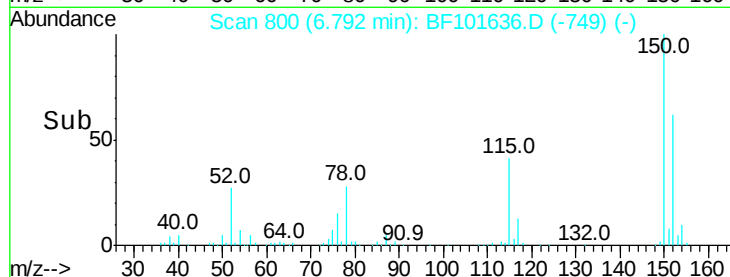
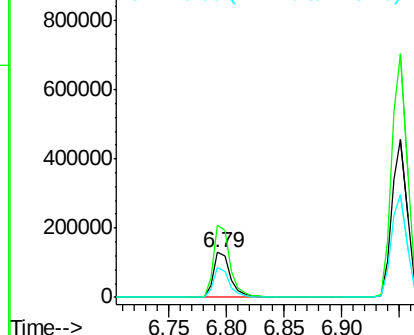
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-S

Tot Ion:152 Resp: 132805
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 66.2 50.1 75.1



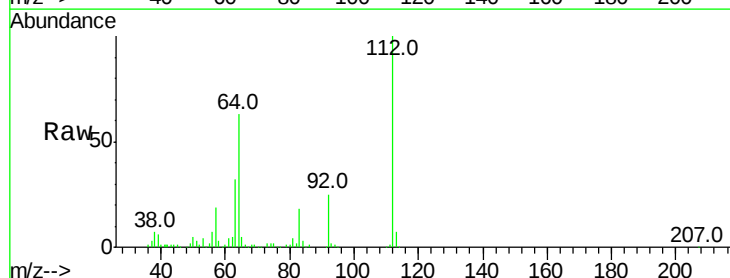
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



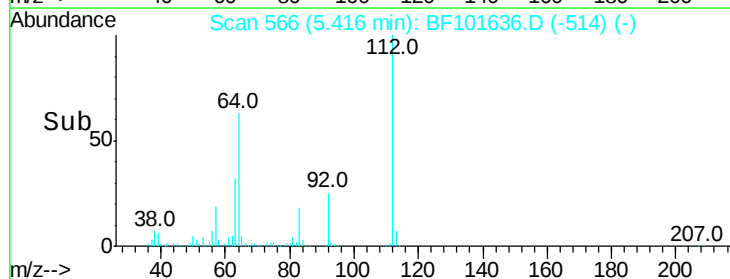
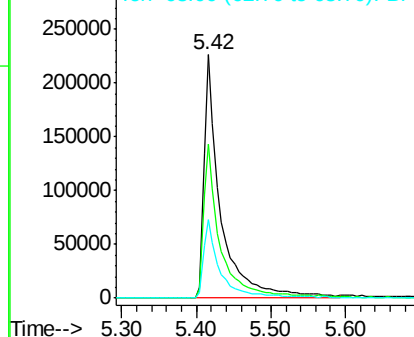
#5

2-Fluorophenol
Concen: 39.999 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion:112 Resp: 356617
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.178 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-D-S

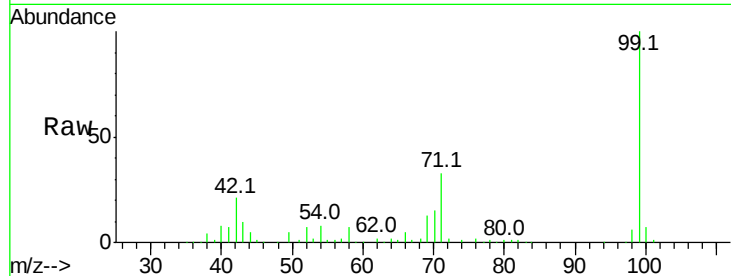
Tot Ion: 99 Resp: 279368

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

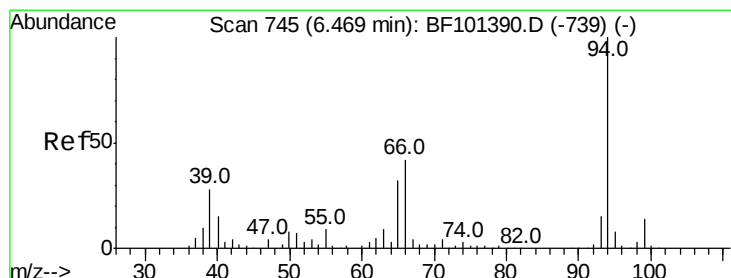
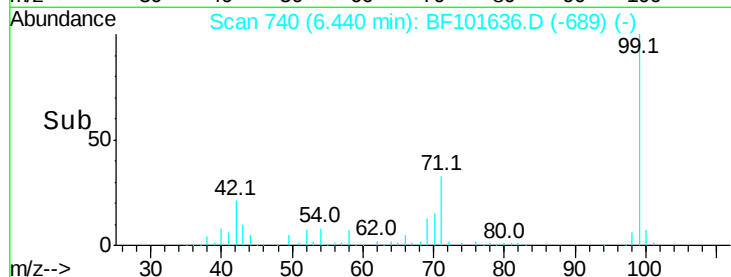
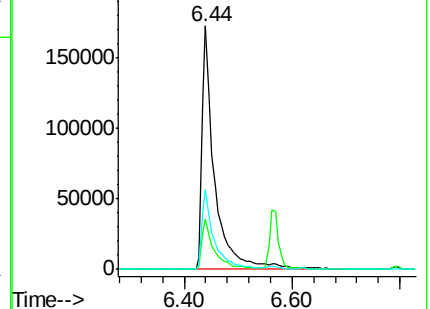
71 32.6 25.4 38.0



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



#10

Phenol

Concen: 2.127 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

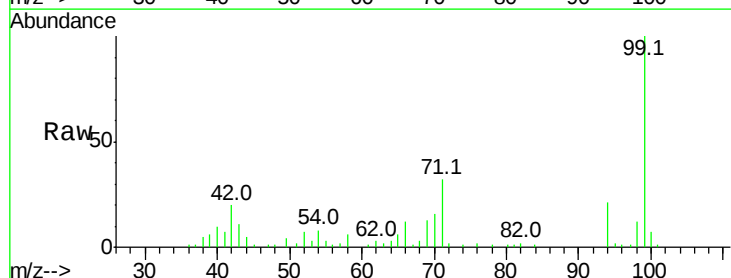
Tgt Ion: 94 Resp: 26897

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

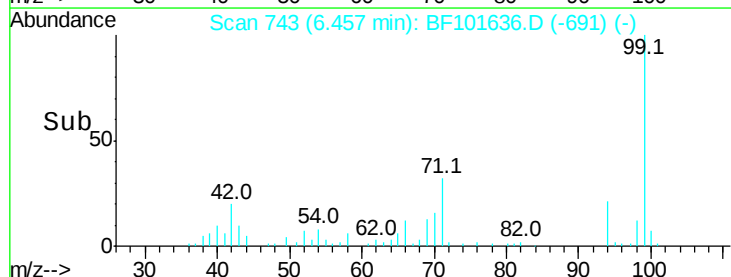
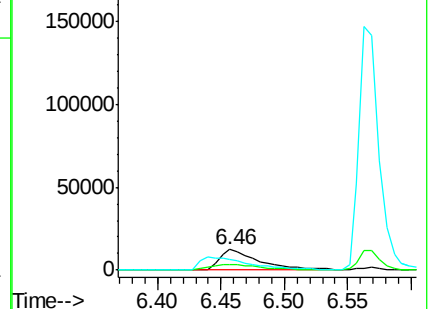
66 55.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

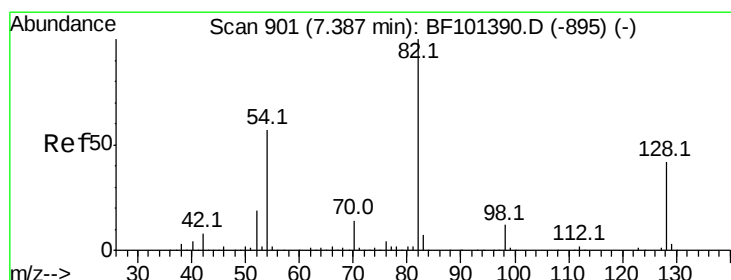
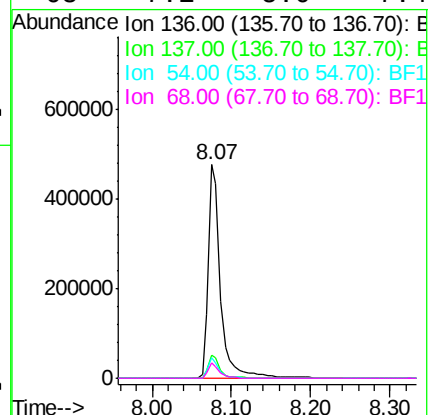
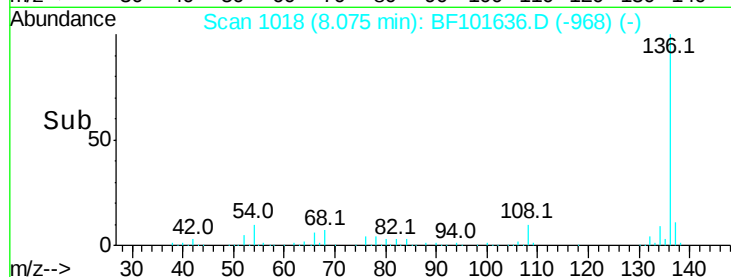
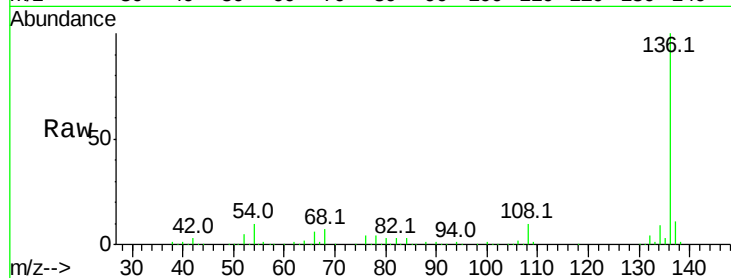




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

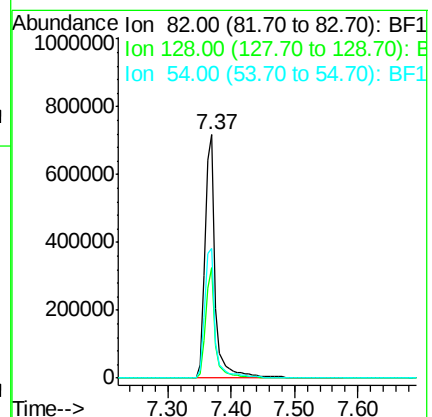
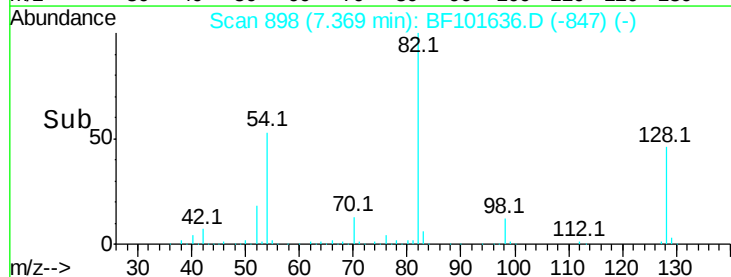
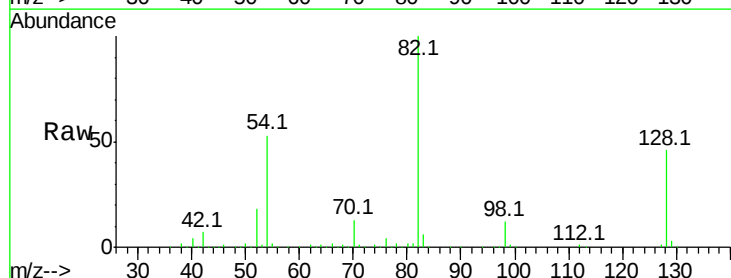
Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-S

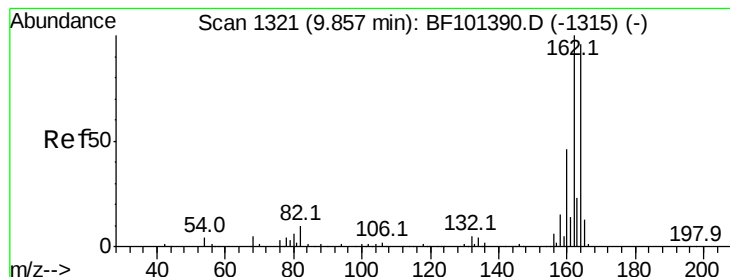
Tot Ion:	136	Resp:	518670
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	7.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.380 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion:	82	Resp:	795536
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.3	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-D-S

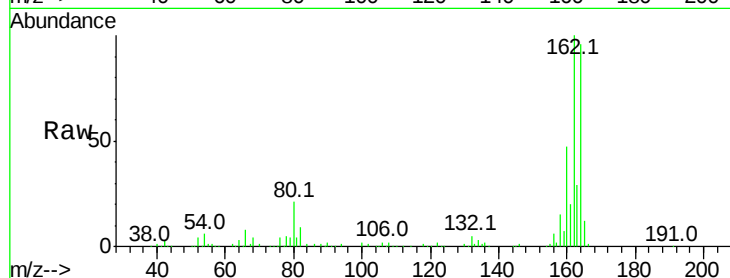
Tot Ion:164 Resp: 203952

Ion Ratio Lower Upper

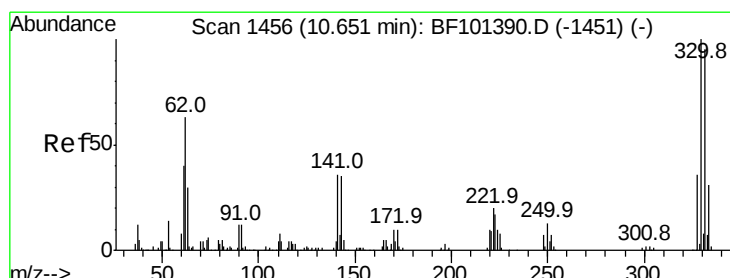
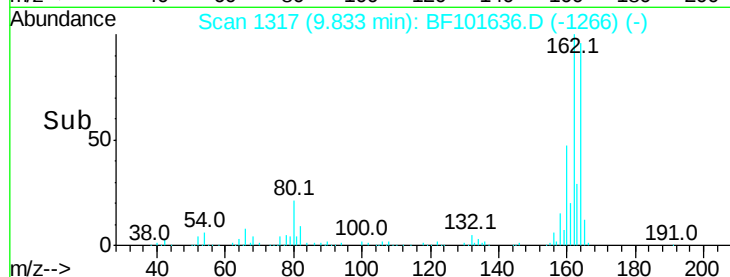
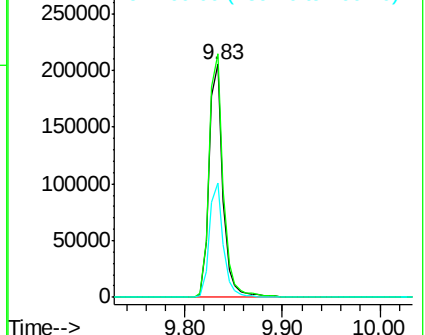
164 100

162 104.4 86.1 129.1

160 48.8 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: 72.571 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

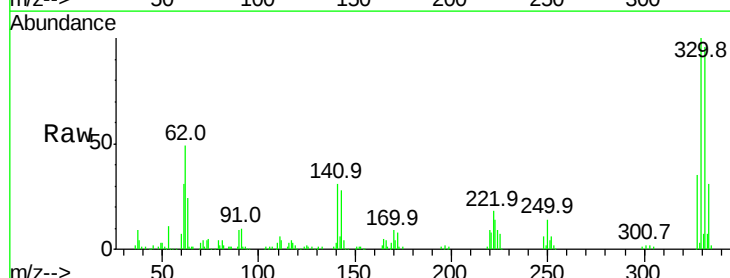
Tgt Ion:330 Resp: 142619

Ion Ratio Lower Upper

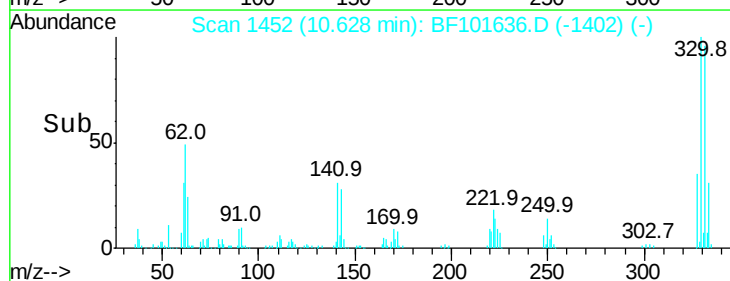
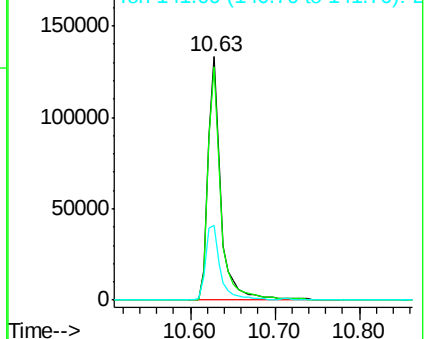
330 100

332 96.0 77.0 115.6

141 34.8 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



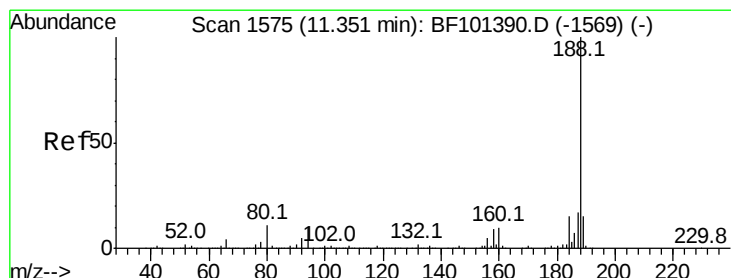
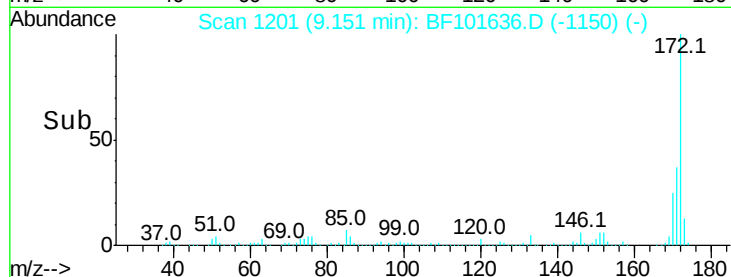
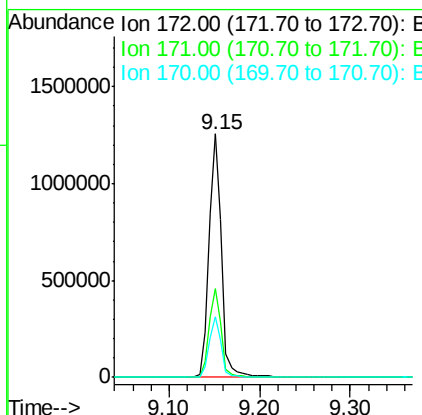
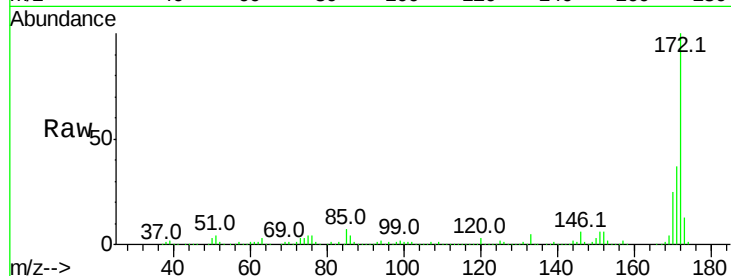


#44
 2-Fluorobiphenyl
 Concen: 93.195 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101636.D
 Acq: 22 Dec 2017 5:48

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-D-S

Tot Ion:172 Resp: 1225294

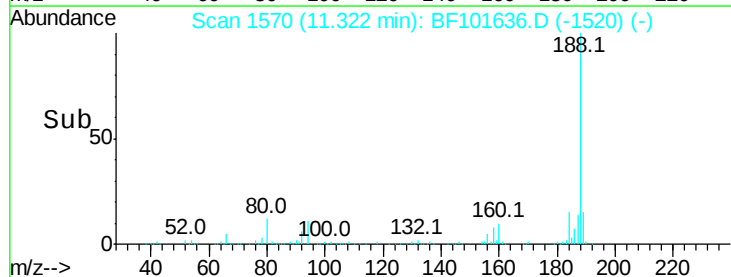
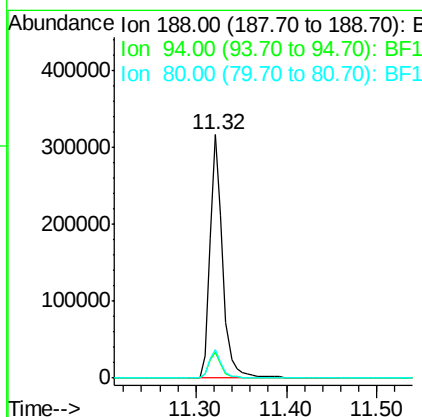
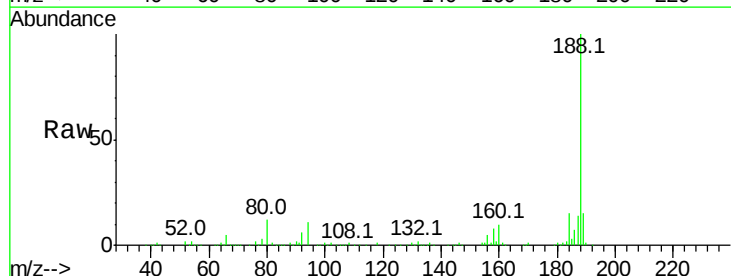
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

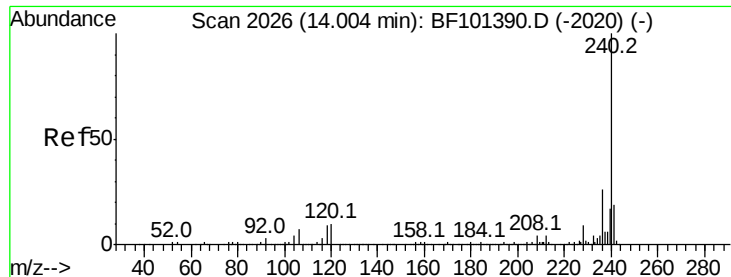


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101636.D
 Acq: 22 Dec 2017 5:48

Tgt Ion:188 Resp: 312124

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	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: BF101636.D

Acq: 22 Dec 2017 5:48

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-D-S

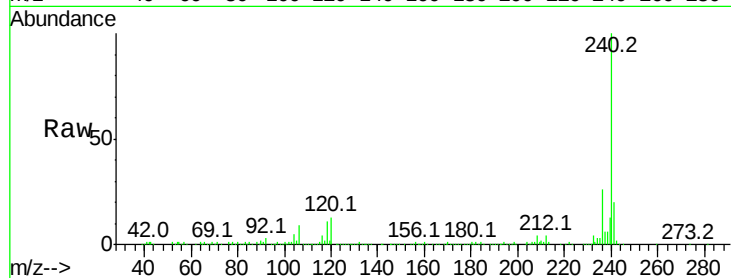
Tot Ion:240 Resp: 287269

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

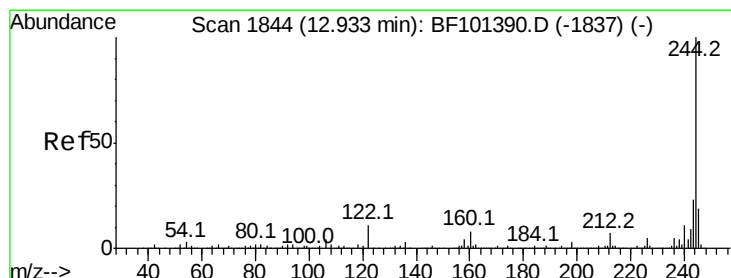
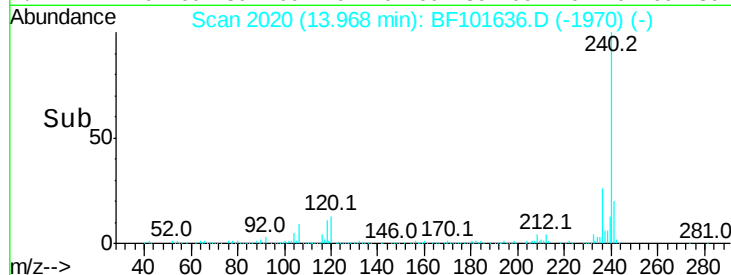
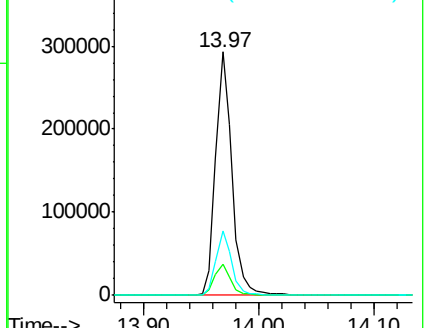
236 26.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 69.001 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

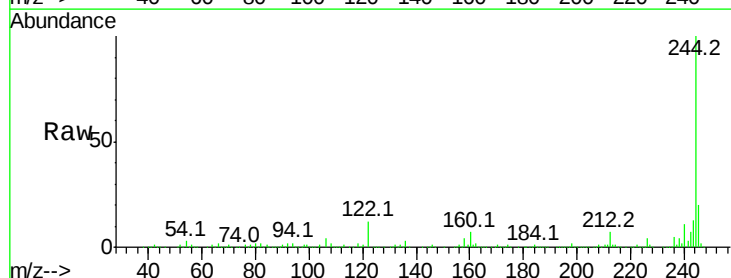
Tgt Ion:244 Resp: 822217

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

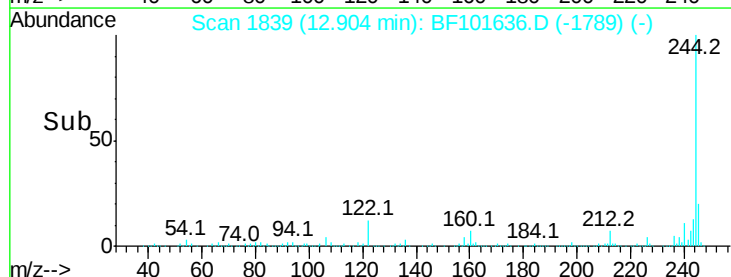
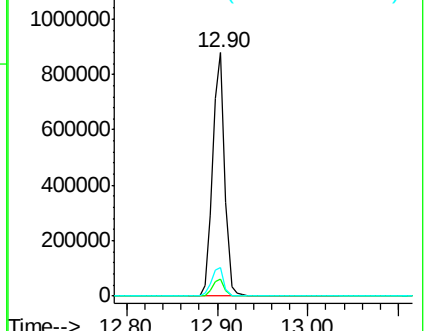
122 11.6 11.0 16.4

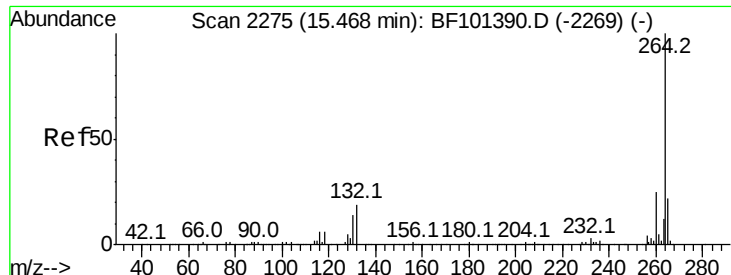


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



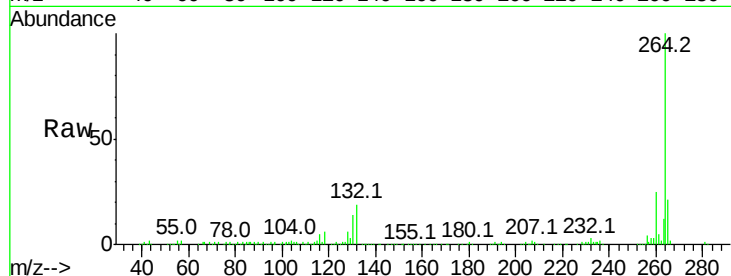


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-S

Tot Ion: 264 Resp: 239064

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	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

