

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101755.D
 Acq On : 27 Dec 2017 10:56
 Operator : SJ/JU
 Sample : I7010-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122017-TIDO-F-D-B

Quant Time: Dec 27 12:13:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143523	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	536043	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	199699	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	321386	20.00	ng	0.00
75) Chrysene-d12	13.97	240	312103	20.00	ng	0.00
86) Perylene-d12	15.44	264	261775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	340904	35.38	ng	0.01
7) Phenol-d6	6.45	99	278985	23.27	ng	0.01
23) Nitrobenzene-d5	7.36	82	883122	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	150954	78.45	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1352699	105.08	ng	0.00
78) Terphenyl-d14	12.90	244	1006037	77.71	ng	0.00

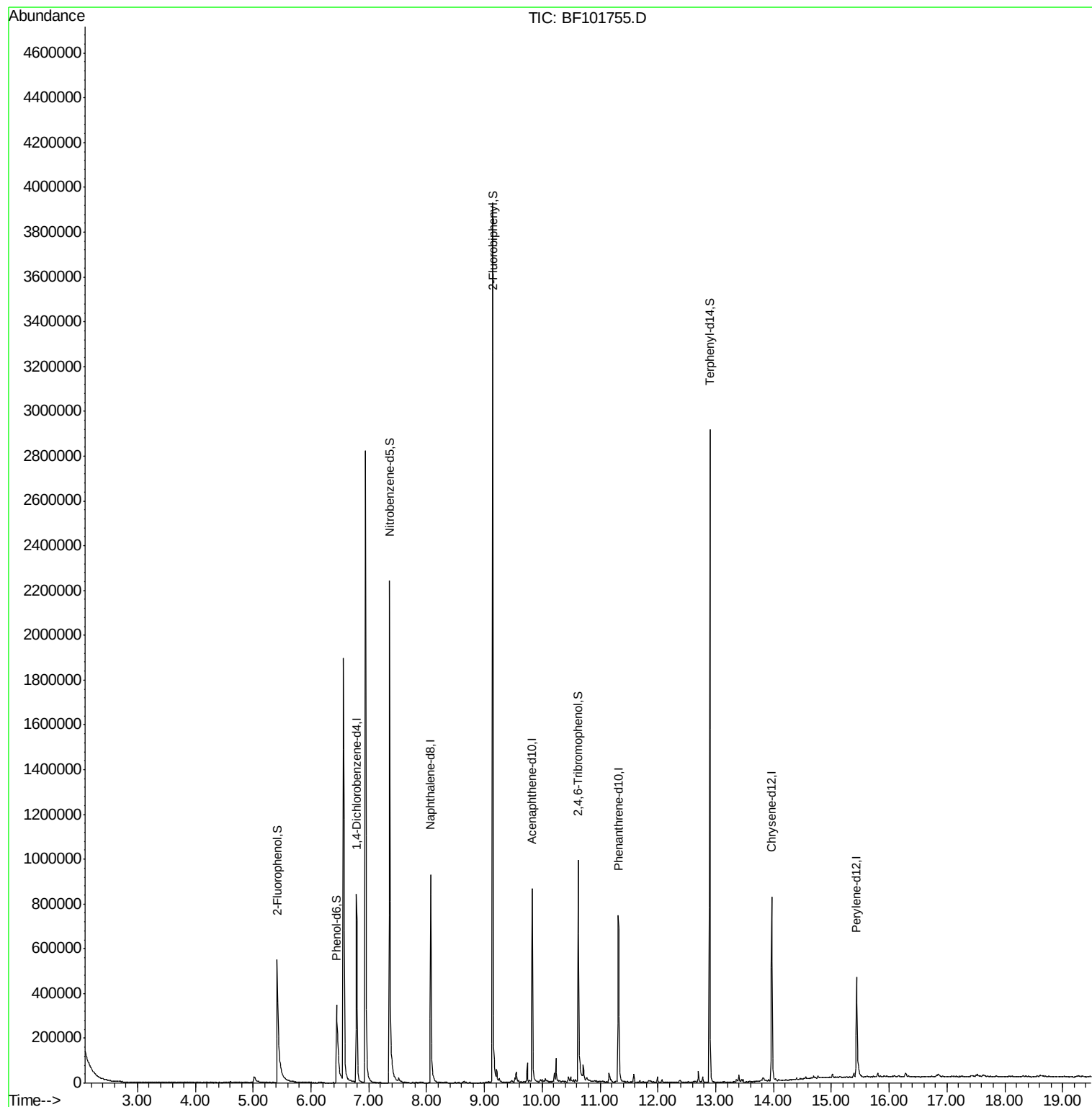
Target Compounds	Qvalue
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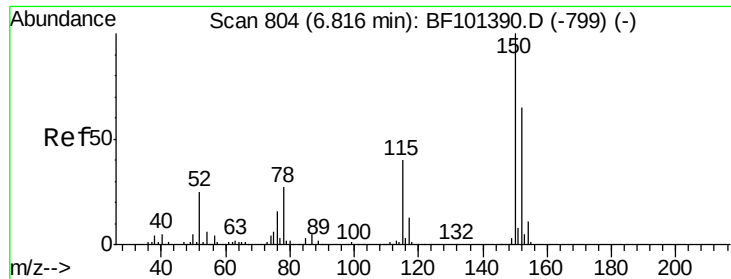
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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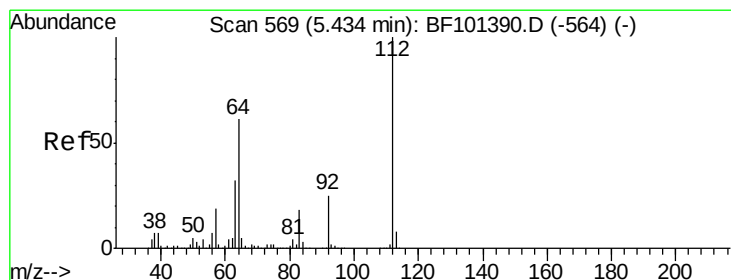
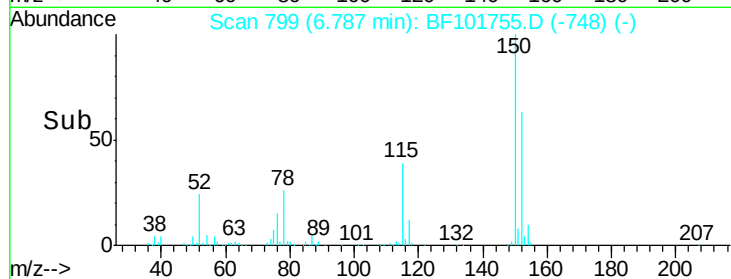
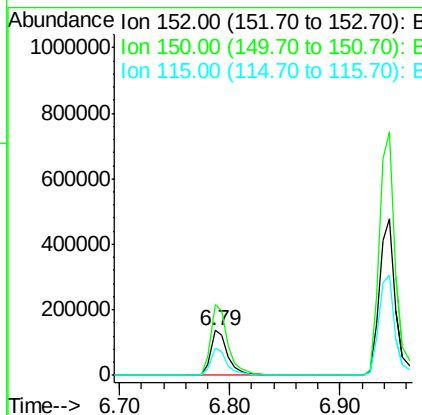
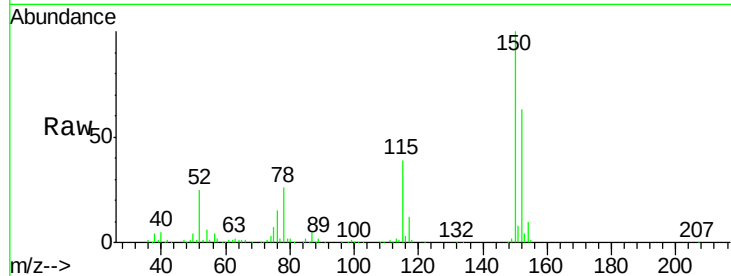


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

Instrument :
BNA_F
ClientSampleId :
122017-TIDO-F-D-B

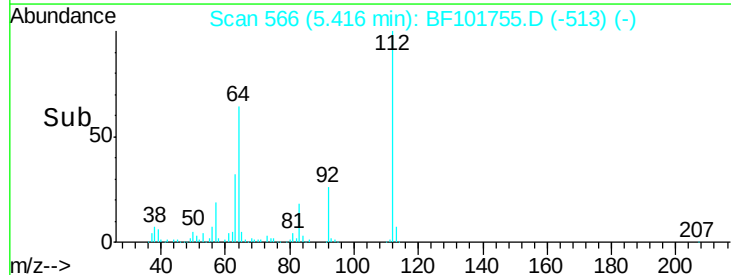
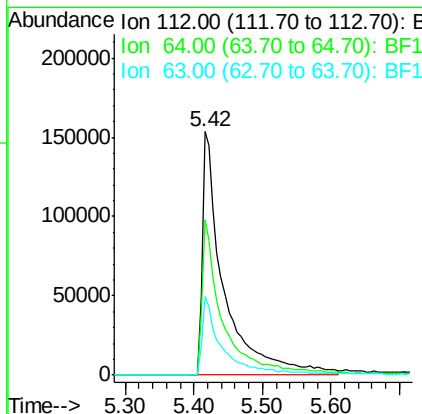
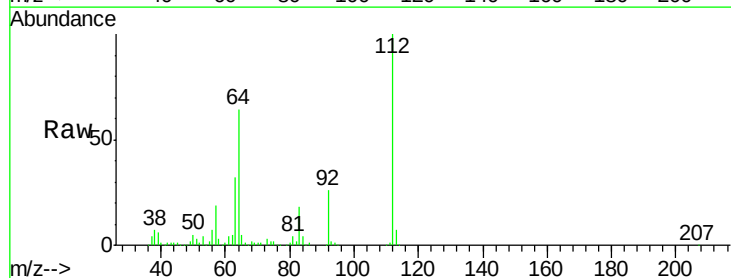
Tgt Ion:152 Resp: 143523
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 61.9 50.1 75.1

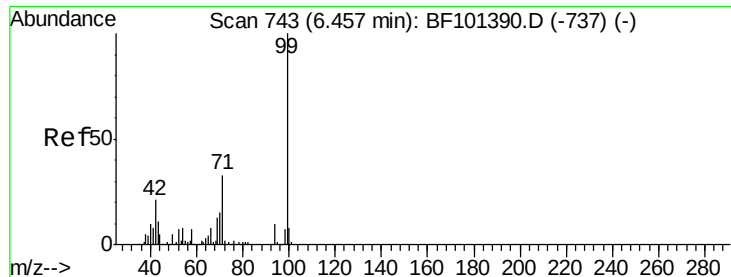


#5

2-Fluorophenol
Concen: 35.381 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

Tgt Ion:112 Resp: 340904
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 23.266 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

122017-TIDO-F-D-B

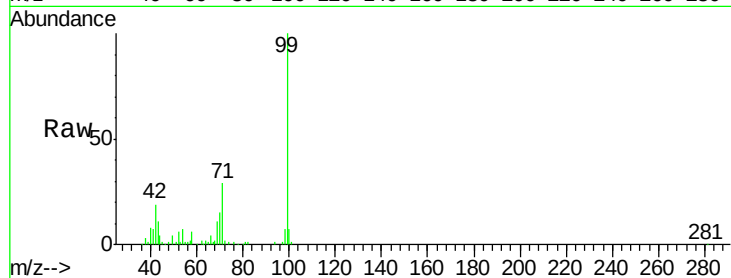
Tgt Ion: 99 Resp: 278985

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

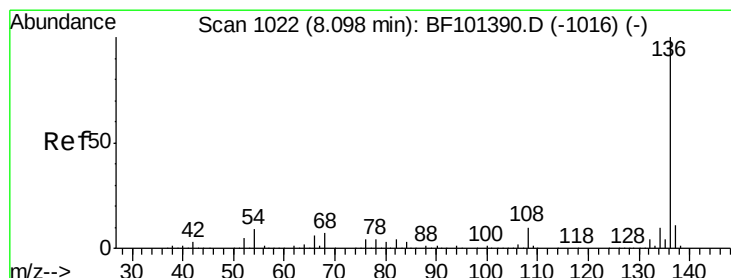
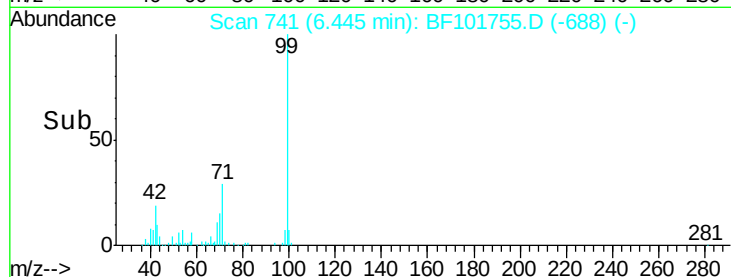
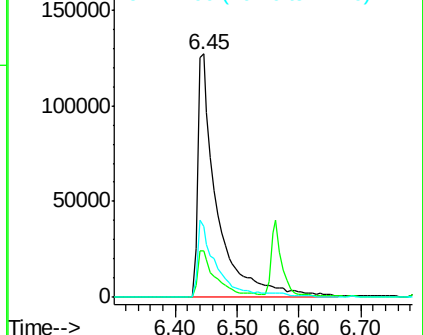
71 29.3 25.4 38.0



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# 1017

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Tgt Ion: 136 Resp: 536043

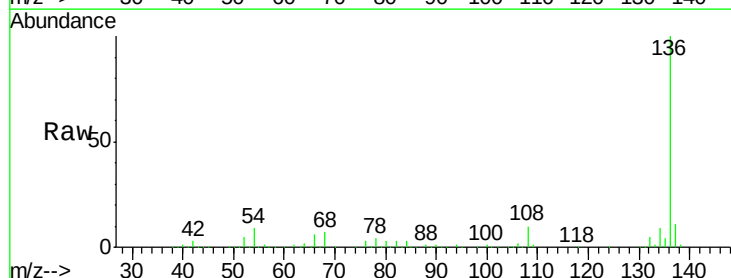
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

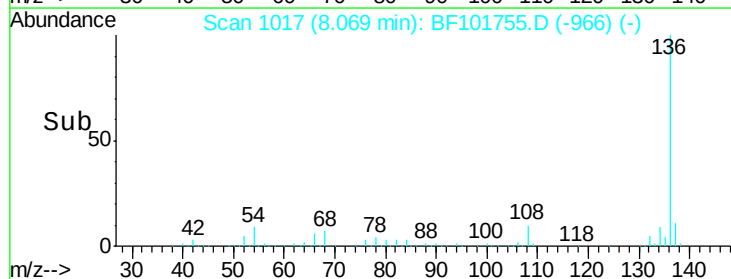
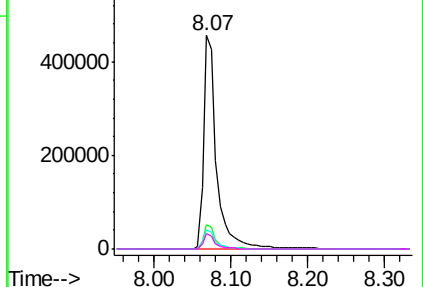


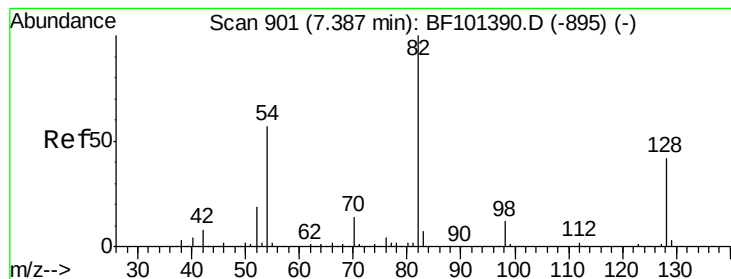
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.708 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

122017-TIDO-F-D-B

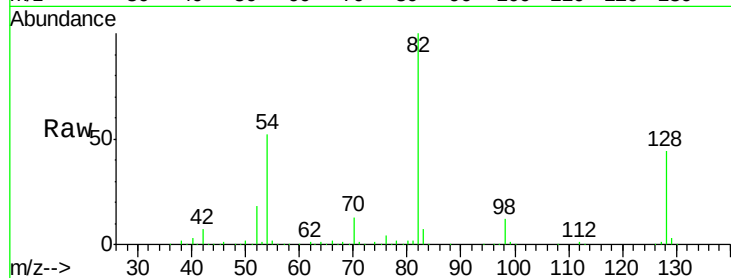
Tgt Ion: 82 Resp: 883122

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

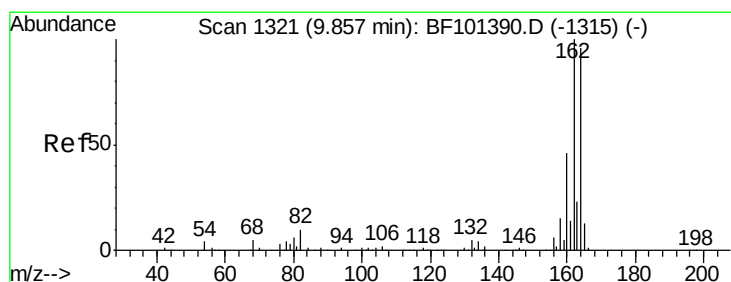
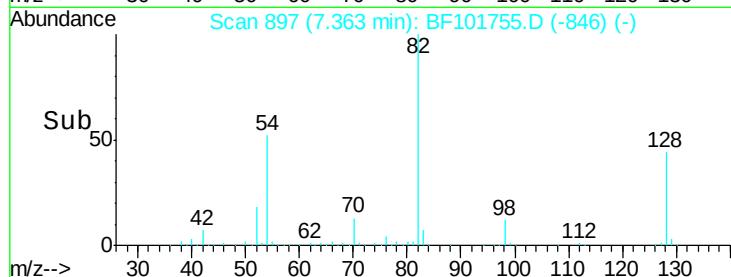
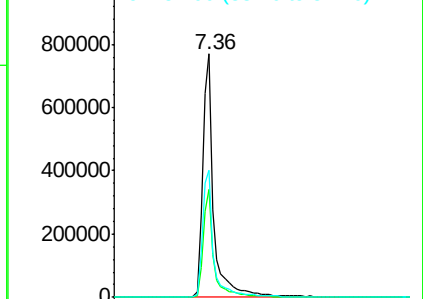
54 52.4 41.4 62.2



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

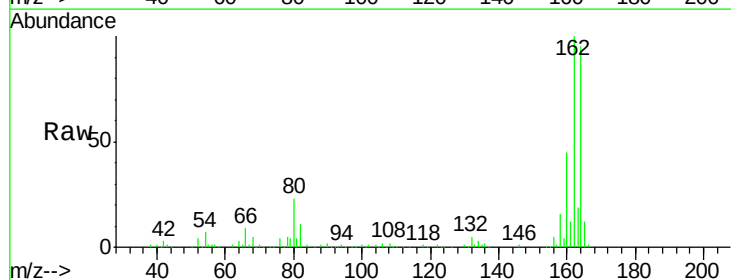
Tgt Ion: 164 Resp: 199699

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

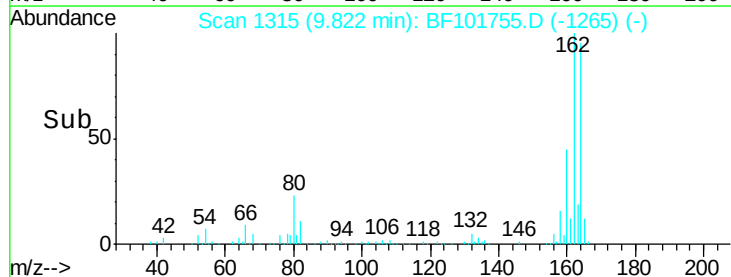
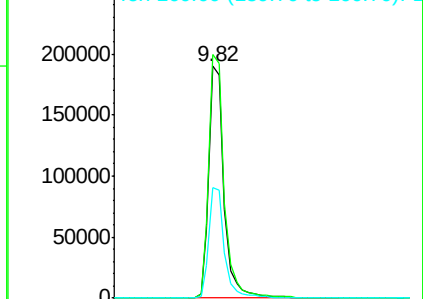
160 47.5 38.3 57.5

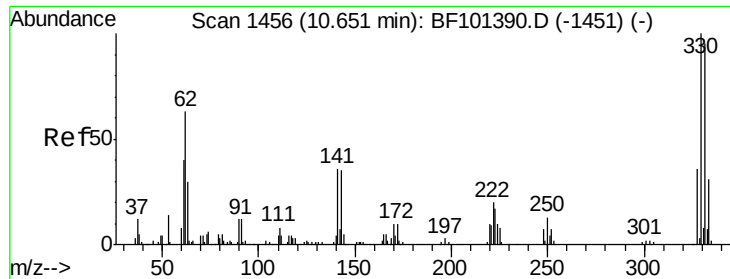


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

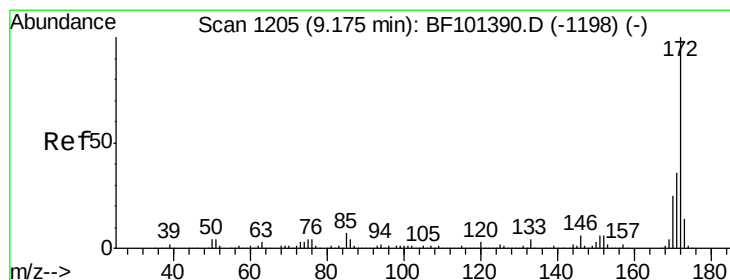
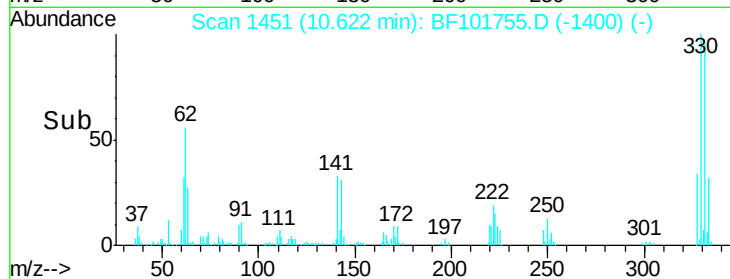
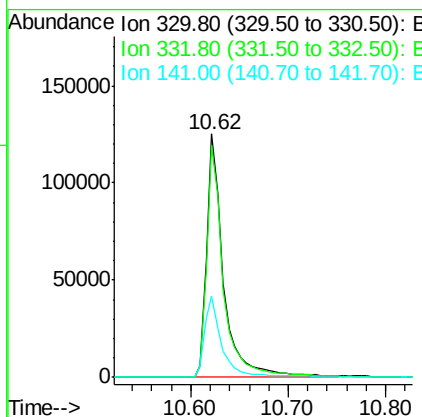
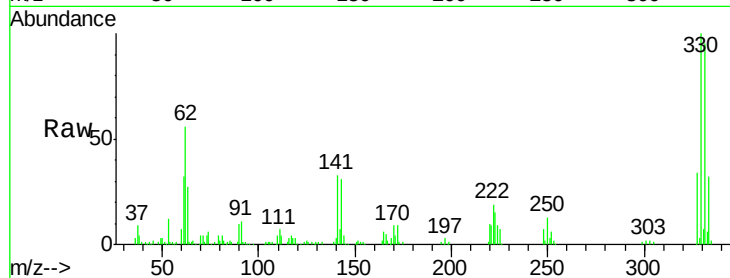




#41
 2,4,6-Tribromophenol
 Concen: 78.448 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101755.D
 Acq: 27 Dec 2017 10:56

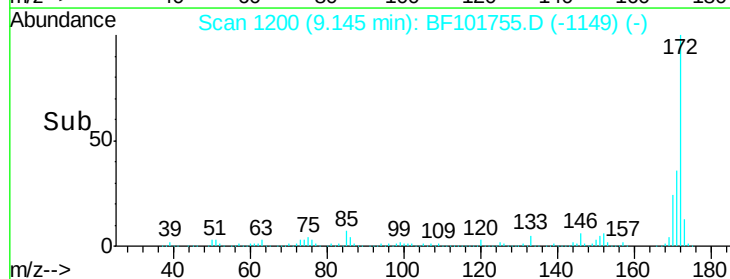
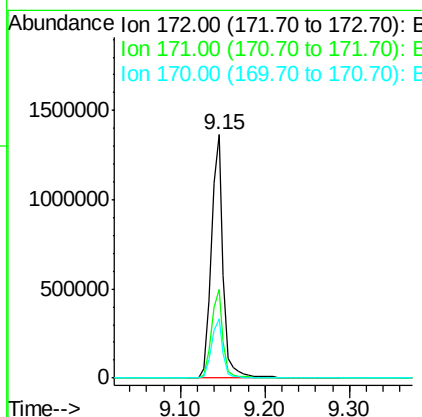
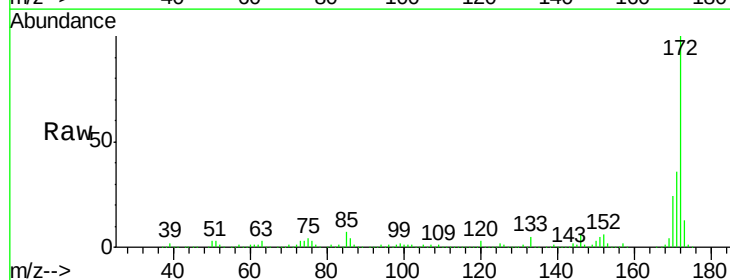
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 BNA_F
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 122017-TIDO-F-D-B

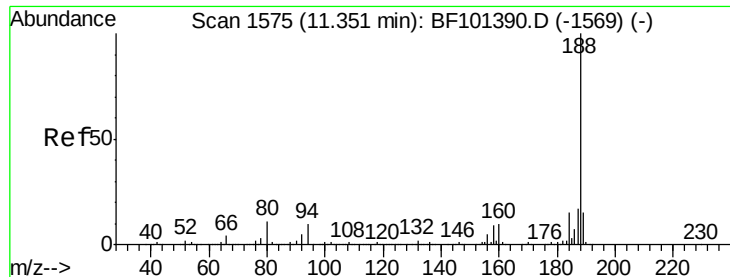
Tgt Ion:330 Resp: 150954
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 105.076 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101755.D
 Acq: 27 Dec 2017 10:56

Tgt Ion:172 Resp: 1352699
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 19.6 29.4

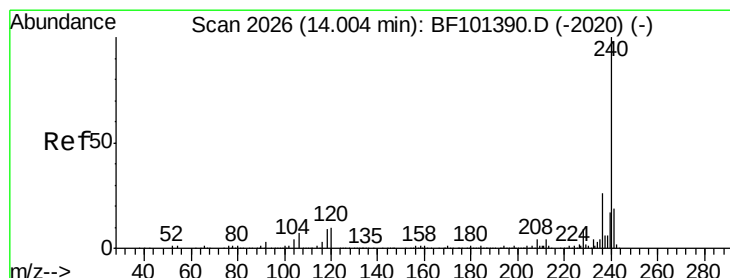
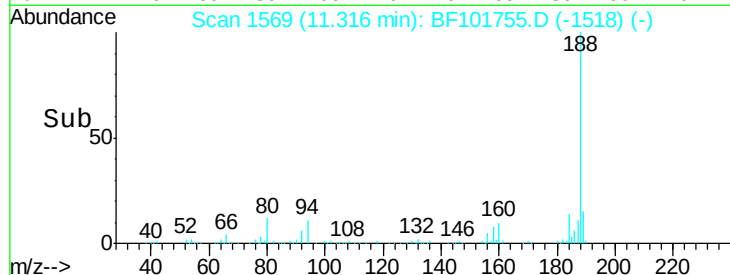
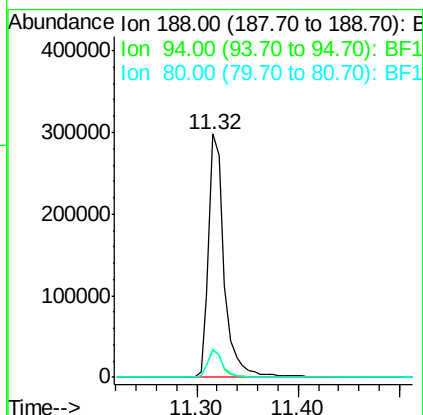
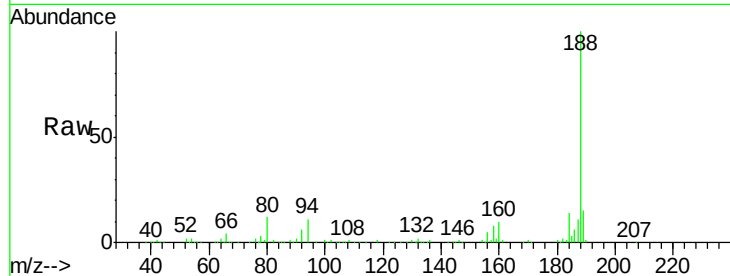




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

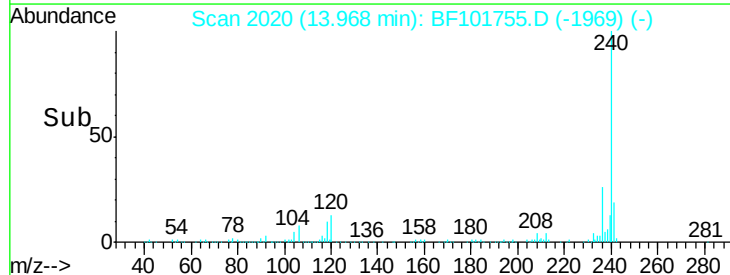
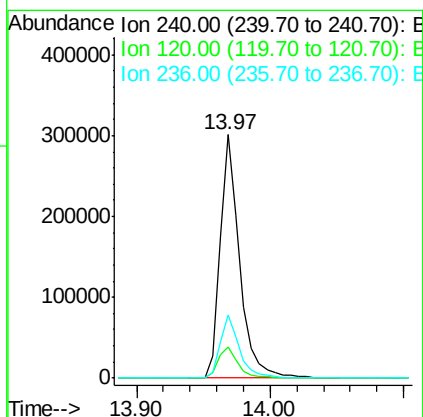
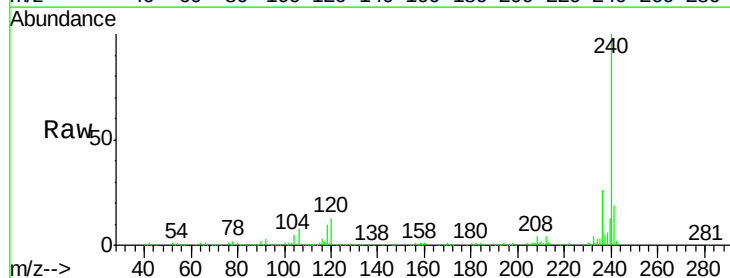
Instrument :
BNA_F
ClientSampleId :
122017-TIDO-F-D-B

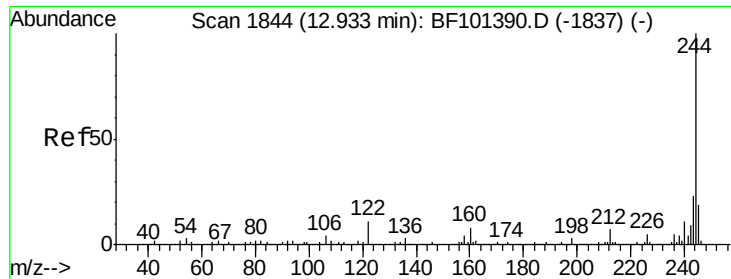
Tgt Ion:188 Resp: 321386
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

Tgt Ion:240 Resp: 312103
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 77.709 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

122017-TIDO-F-D-B

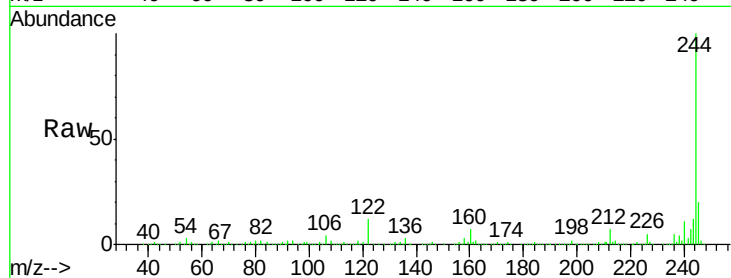
Tgt Ion:244 Resp: 1006037

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

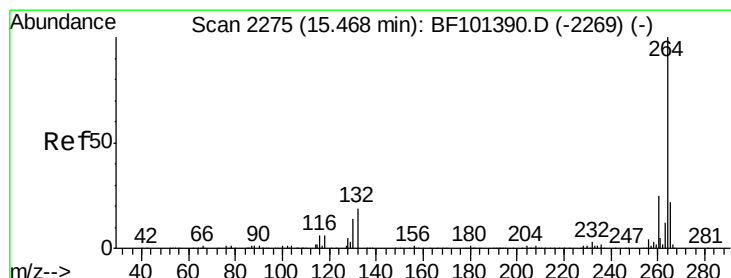
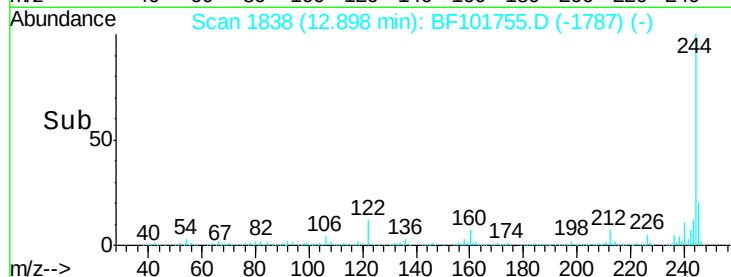
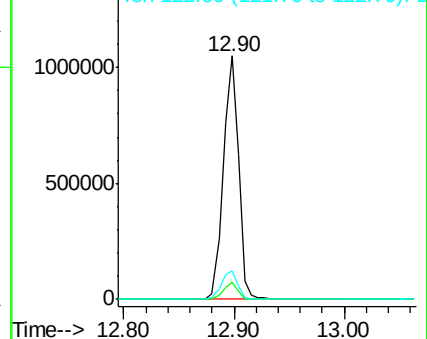
122 11.9 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

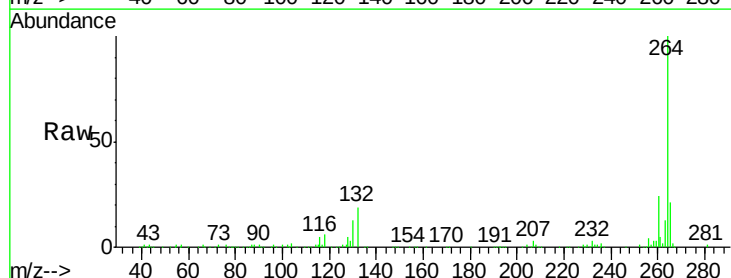
Tgt Ion:264 Resp: 261775

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

