

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101372.D
 Acq On : 13 Dec 2017 11:47
 Operator : SJ/JU
 Sample : I6763-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120517-TIDO-F-D-B

Quant Time: Dec 13 12:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	39612	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	137915	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	53997	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	94925	20.00	ng	0.00
75) Chrysene-d12	14.00	240	73535	20.00	ng	0.00
86) Perylene-d12	15.49	264	56843	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	117638	49.07	ng	0.00
7) Phenol-d6	6.46	99	90644	31.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	210124	90.89	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	49013	75.56	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	443982	112.50	ng	0.00
78) Terphenyl-d14	12.94	244	357559	106.35	ng	0.00

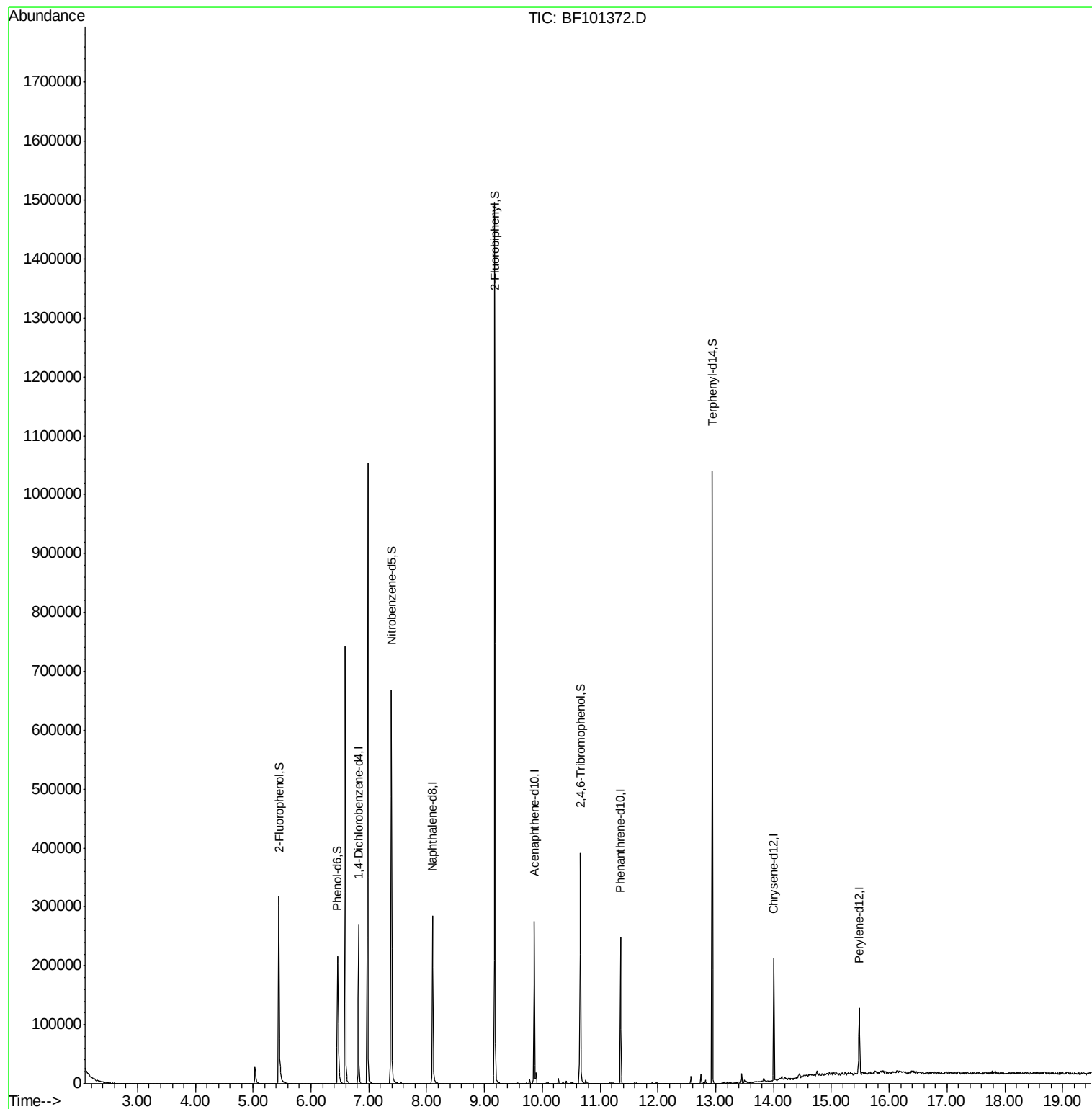
Target Compounds Qvalue

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

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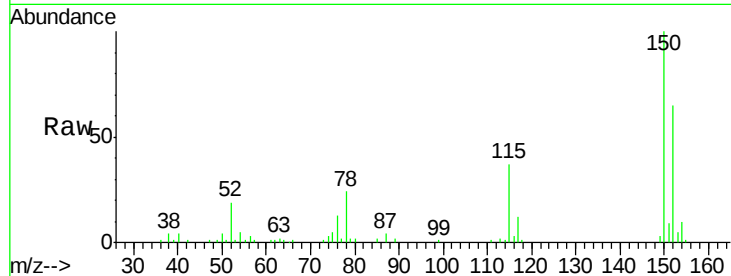


#1

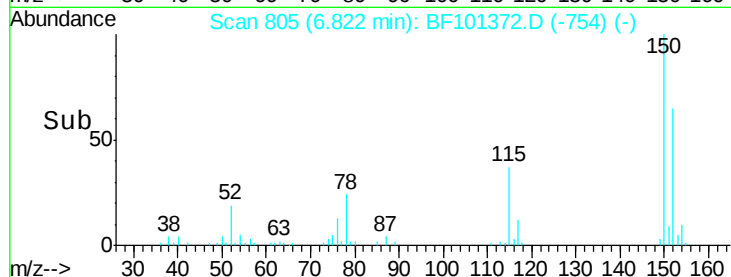
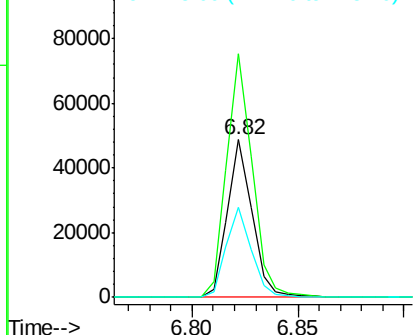
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101372.D
Acq: 13 Dec 2017 11:47

Instrument :
BNA_F
ClientSampleId :
120517-TIDO-F-D-B

Tot Ion:152 Resp: 39612
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.3 50.1 75.1



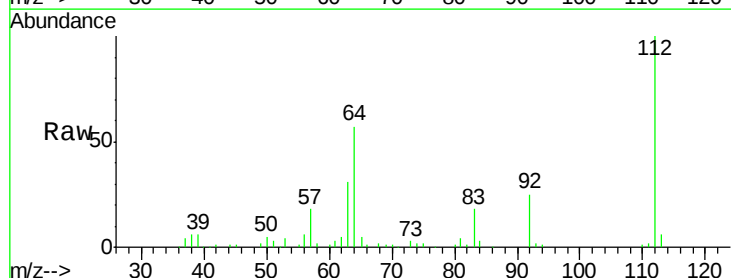
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



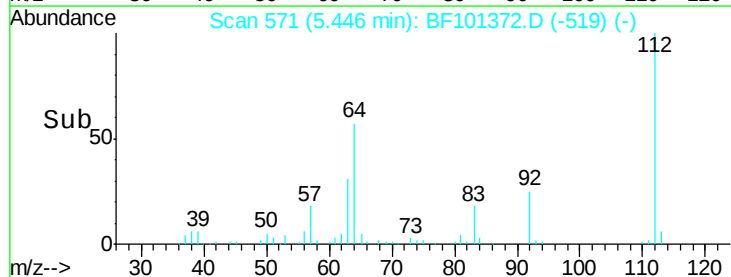
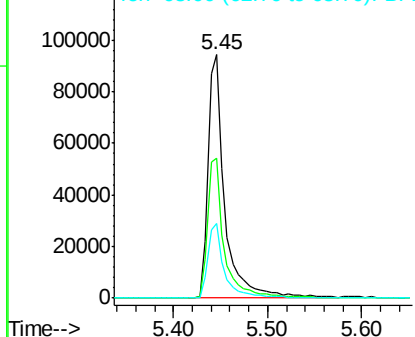
#5

2-Fluorophenol
Concen: 49.074 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101372.D
Acq: 13 Dec 2017 11:47

Tgt Ion:112 Resp: 117638
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 30.8 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: 31.145 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101372.D

Acq: 13 Dec 2017 11:47

Instrument :

BNA_F

ClientSampleId :

120517-TIDO-F-D-B

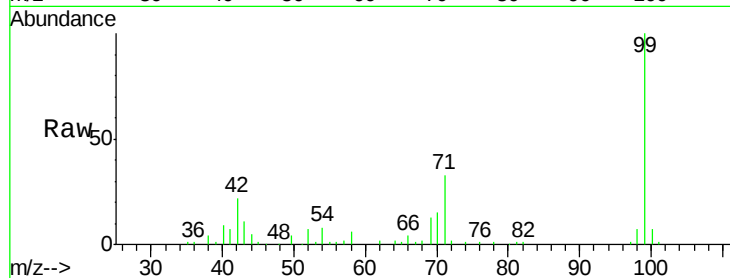
Tot Ion: 99 Resp: 90644

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

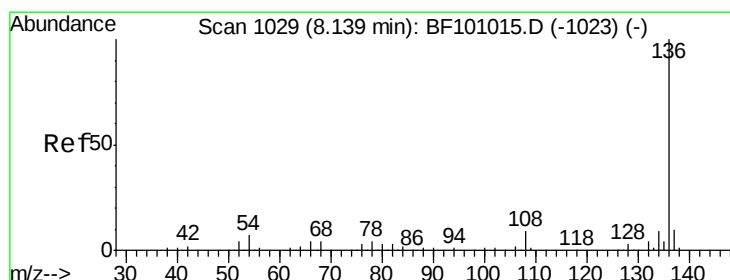
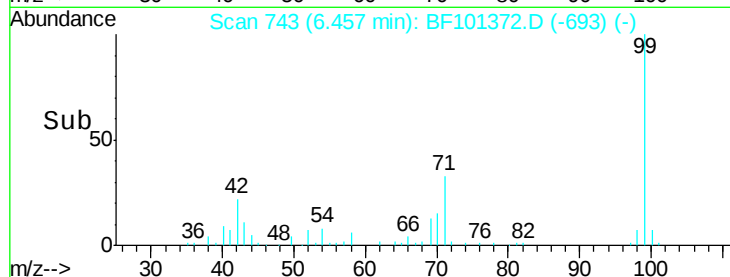
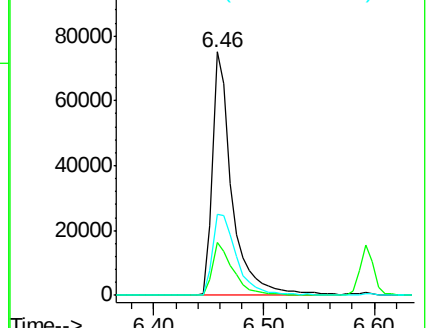
71 33.4 25.4 38.0



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101372.D

Acq: 13 Dec 2017 11:47

Tgt Ion: 136 Resp: 137915

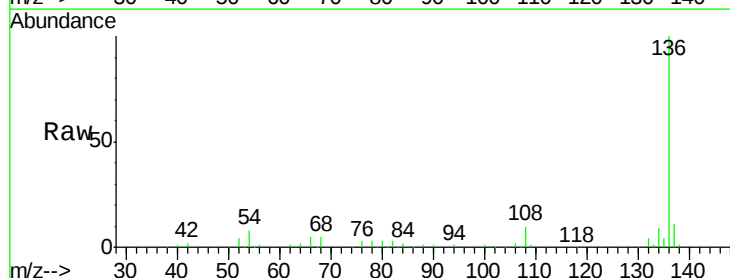
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 5.0 5.0 7.4

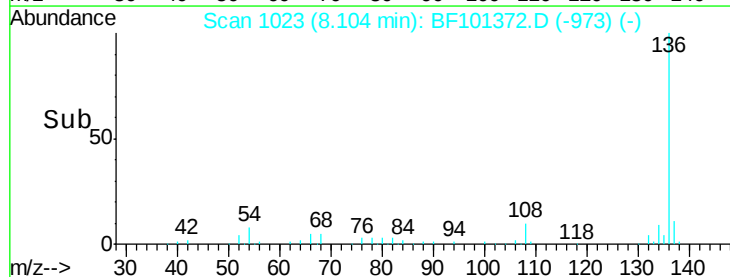
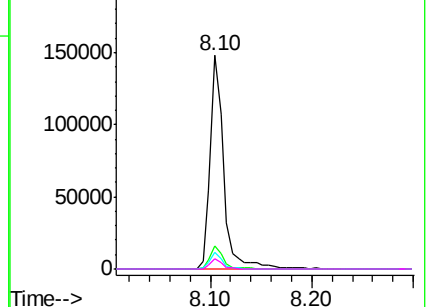


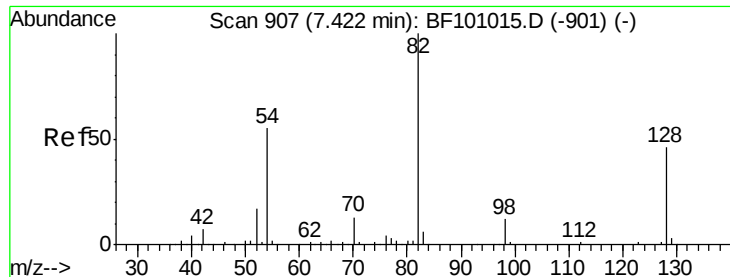
Abundance Ion 136.00 (135.70 to 136.70): E

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

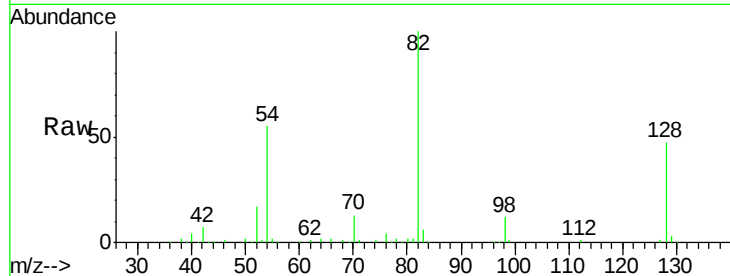




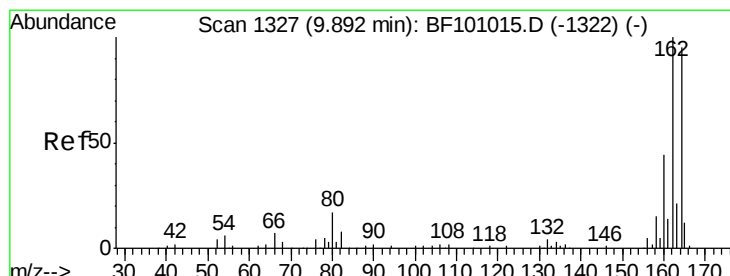
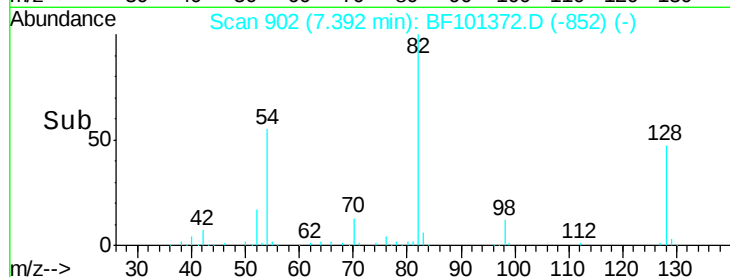
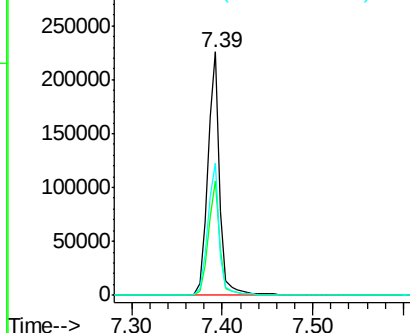
#23
 Nitrobenzene-d5
 Concen: 90.886 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF101372.D
 Acq: 13 Dec 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 120517-TIDO-F-D-B

Tot Ion: 82 Resp: 210124
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 54.6 41.4 62.2

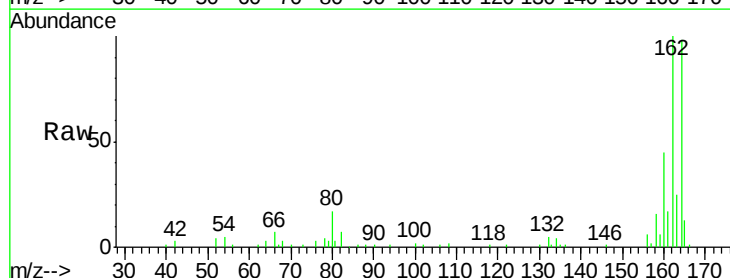


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

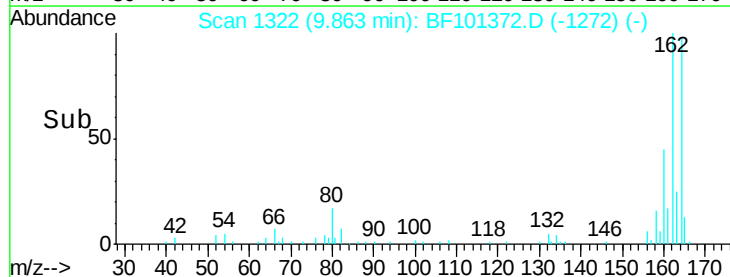
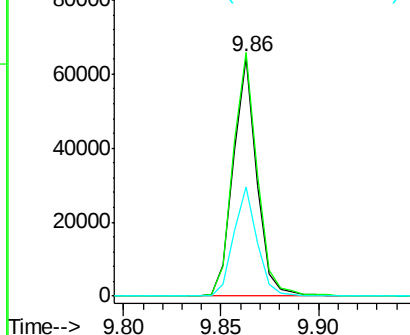


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101372.D
 Acq: 13 Dec 2017 11:47

Tgt Ion: 164 Resp: 53997
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 45.9 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

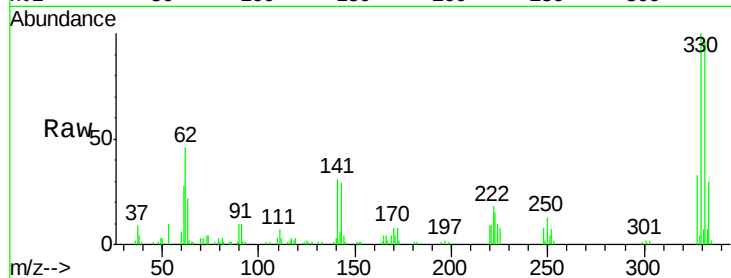




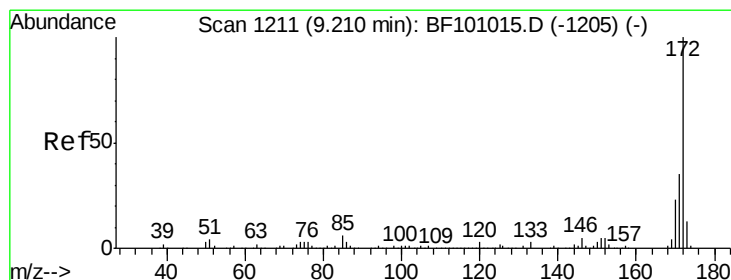
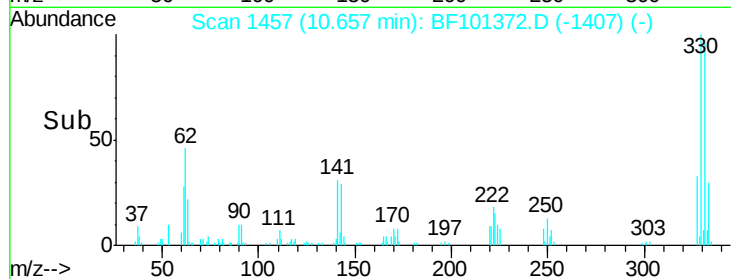
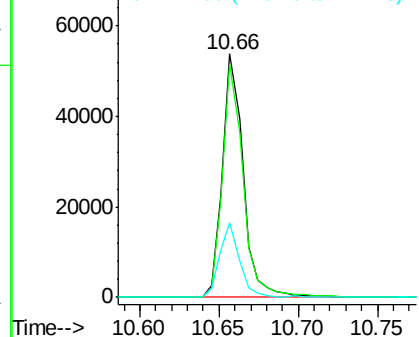
#41
 2,4,6-Tribromophenol
 Concen: 75.561 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101372.D
 Acq: 13 Dec 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 120517-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	29.0	29.9	44.9#

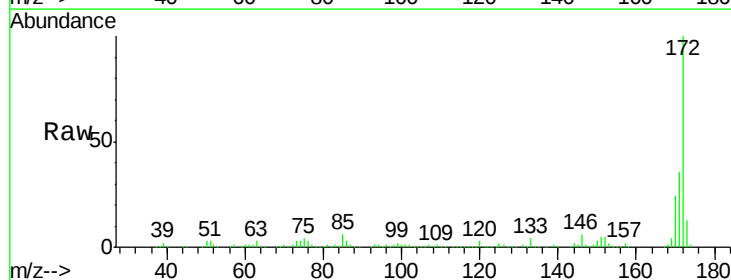


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

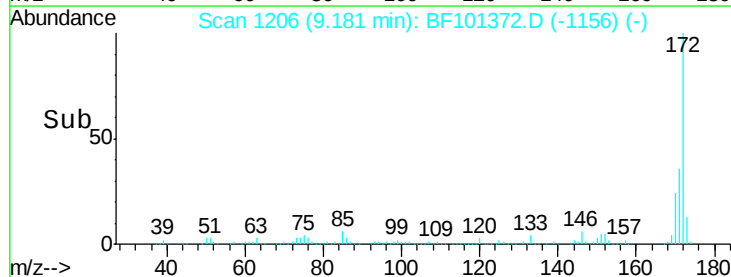
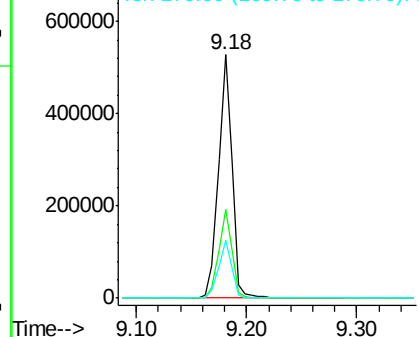


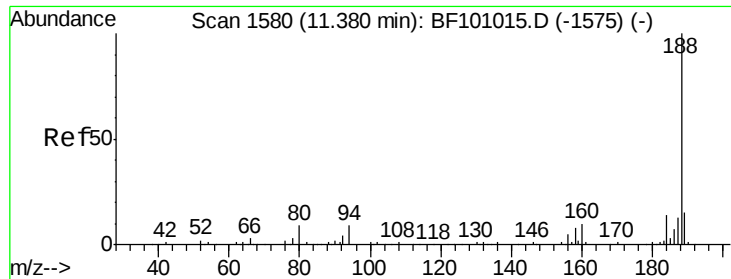
#44
 2-Fluorobiphenyl
 Concen: 112.498 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101372.D
 Acq: 13 Dec 2017 11:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	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

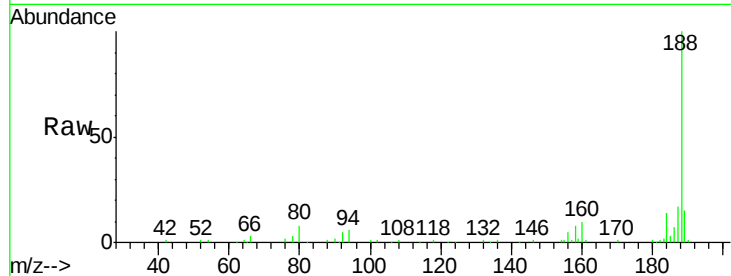




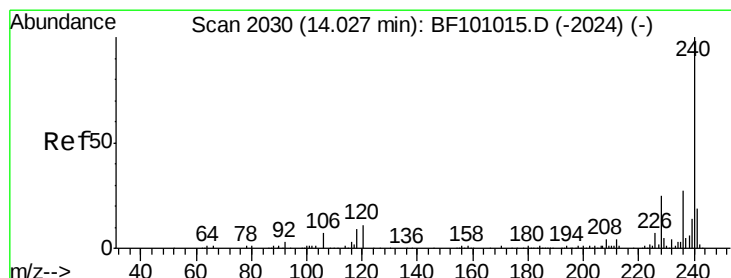
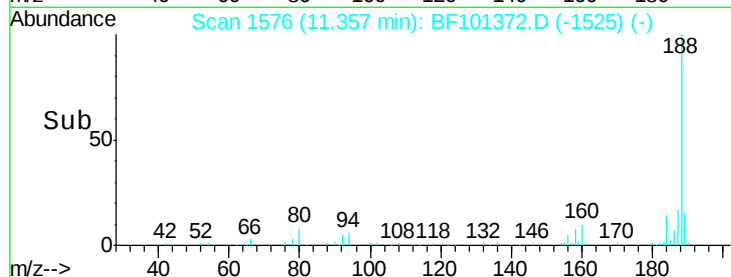
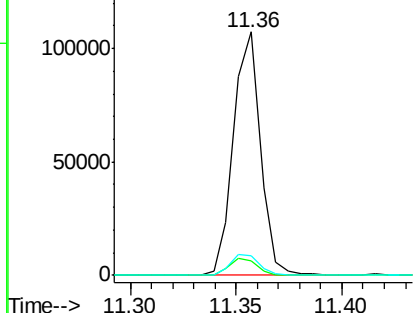
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101372.D
Acq: 13 Dec 2017 11:47

Instrument :
BNA_F
ClientSampleId :
120517-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.5	12.7#
80	7.9	9.2	13.8#

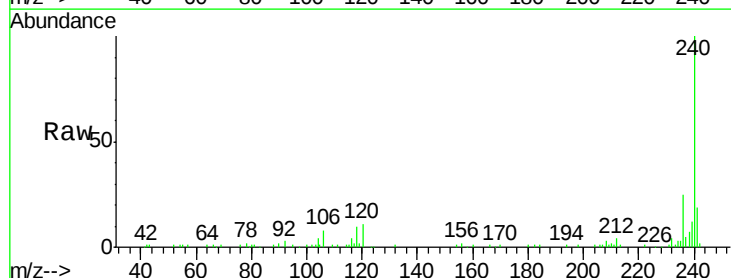


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

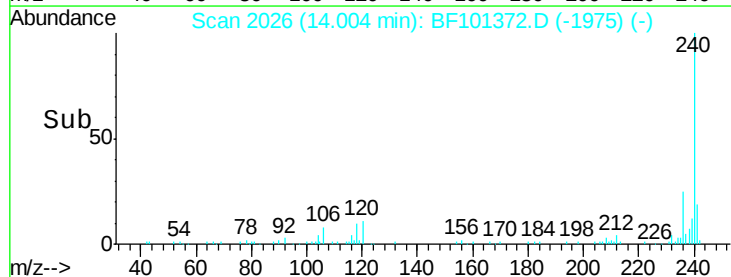
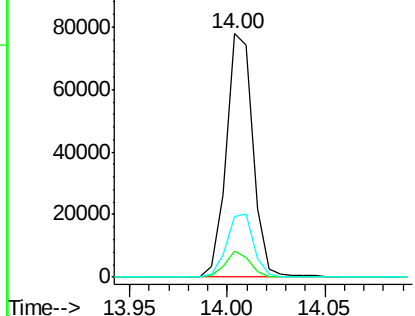


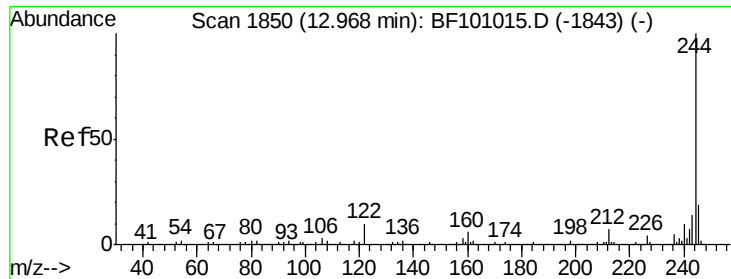
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101372.D
Acq: 13 Dec 2017 11:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	24.9	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: 106.354 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101372.D

Acq: 13 Dec 2017 11:47

Instrument :

BNA_F

ClientSampleId :

120517-TIDO-F-D-B

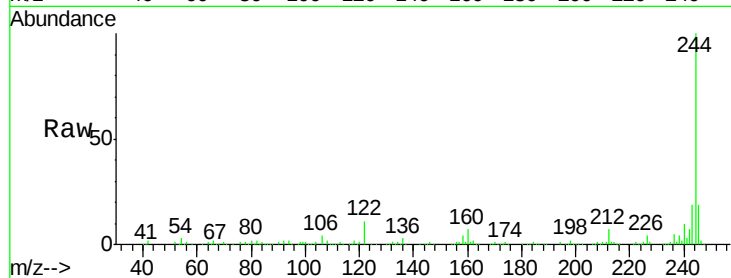
Tot Ion:244 Resp: 357559

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

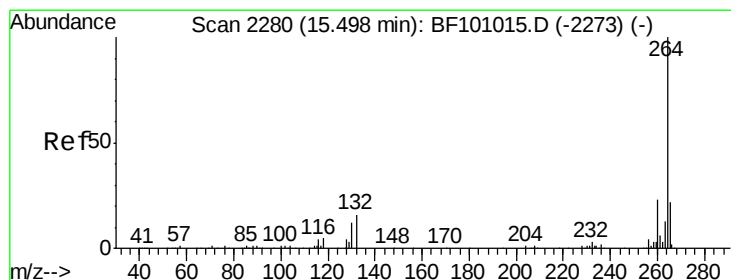
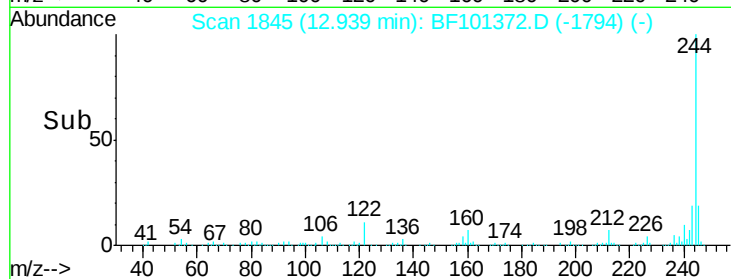
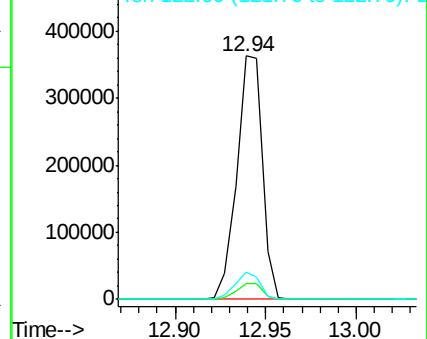
122 11.3 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101372.D

Acq: 13 Dec 2017 11:47

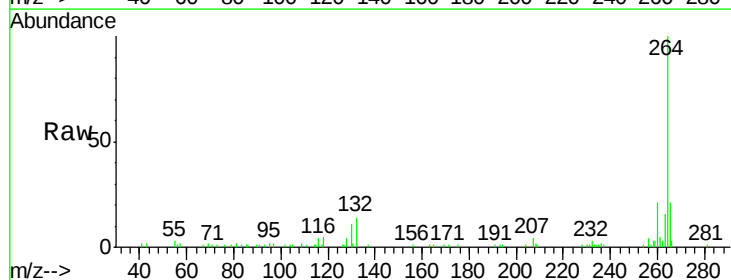
Tgt Ion:264 Resp: 56843

Ion Ratio Lower Upper

264 100

260 21.4 19.2 28.8

265 21.5 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

