

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101590.D
 Acq On : 21 Dec 2017 5:39
 Operator : SJ/JU
 Sample : I6971-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-B

Quant Time: Dec 21 08:04:07 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	143046	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546577	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	211939	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	329985	20.00	ng	0.00
75) Chrysene-d12	13.97	240	298523	20.00	ng	0.00
86) Perylene-d12	15.43	264	324392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	464152	48.33	ng	0.00
7) Phenol-d6	6.43	99	375655	31.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	873483	88.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	155236	76.01	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1305396	95.55	ng	0.00
78) Terphenyl-d14	12.90	244	945305	76.34	ng	0.00

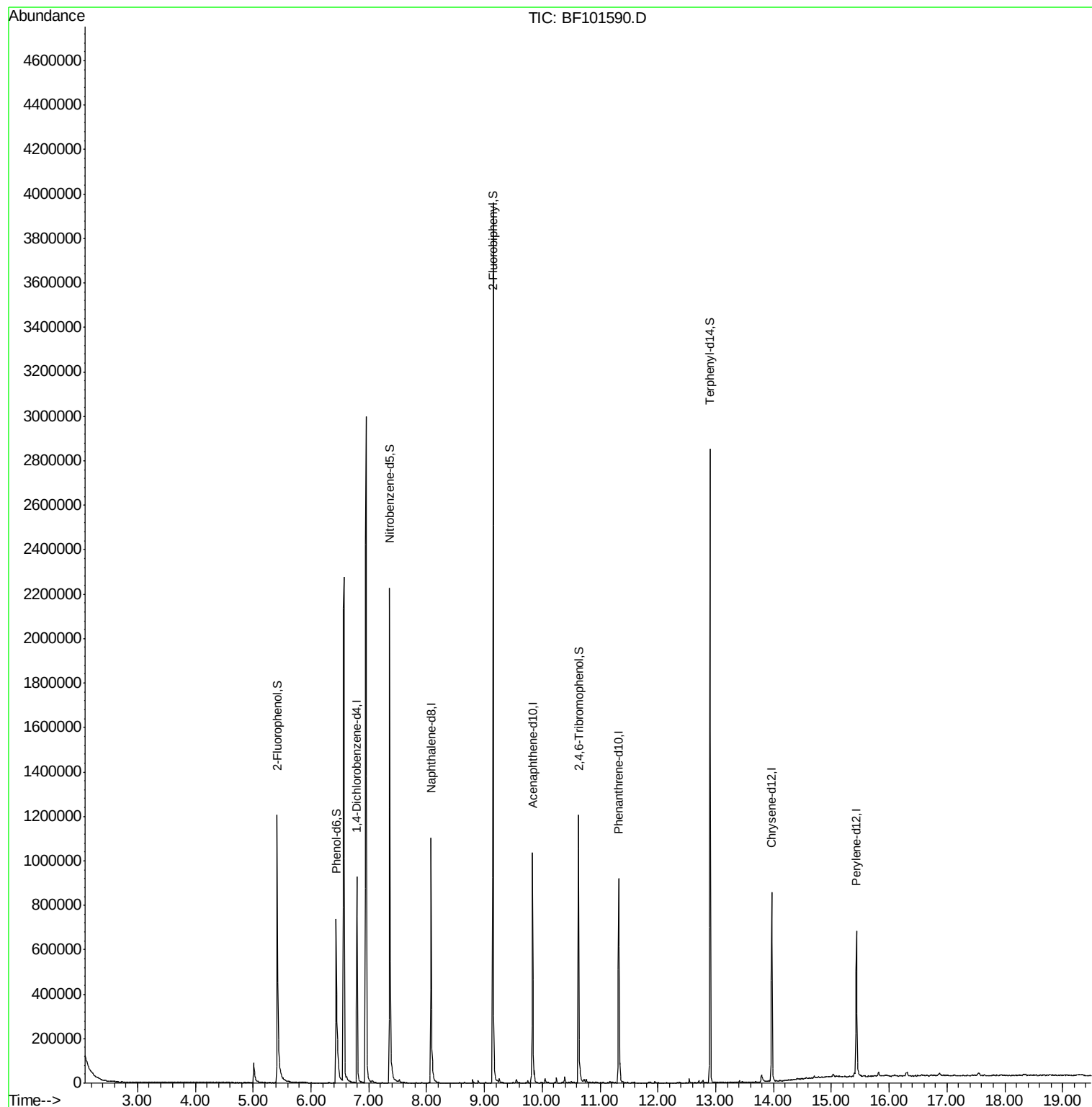
Target Compounds	Qvalue
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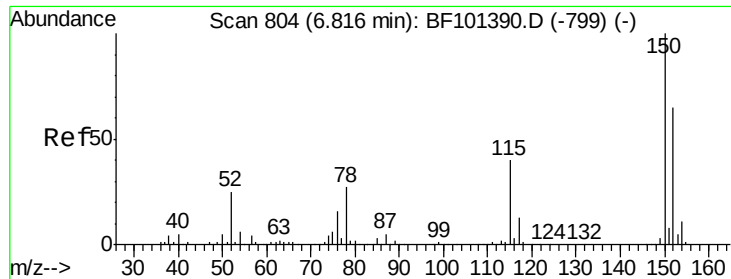
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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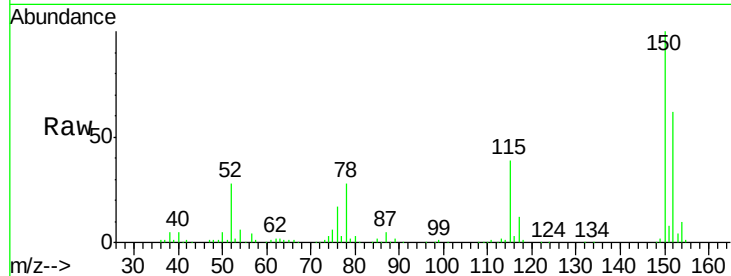


#1

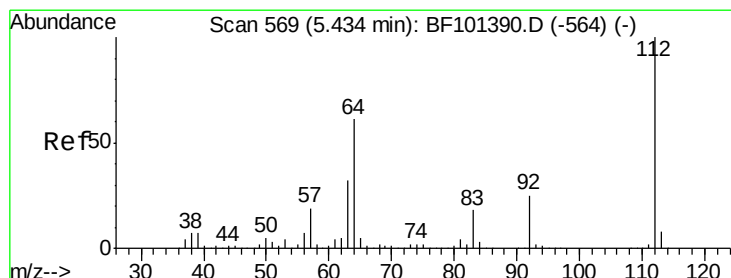
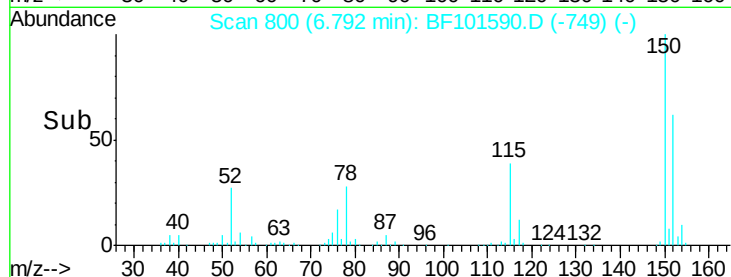
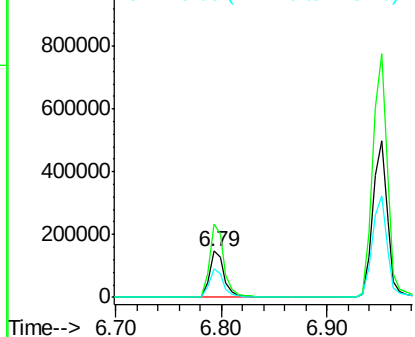
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101590.D
Acq: 21 Dec 2017 5:39

Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-D-B

Tgt Ion:152 Resp: 143046
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 63.2 50.1 75.1



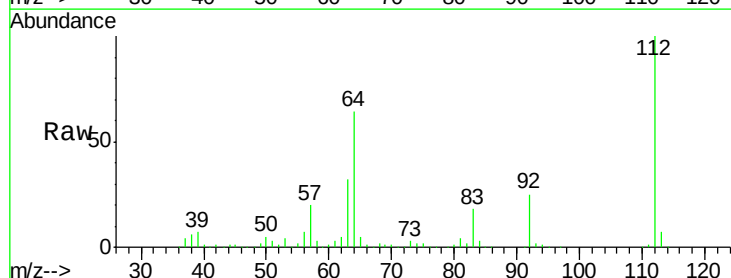
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



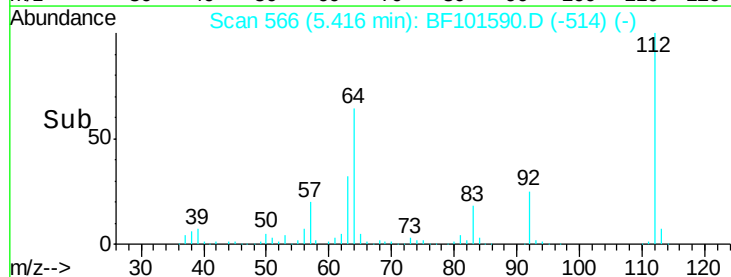
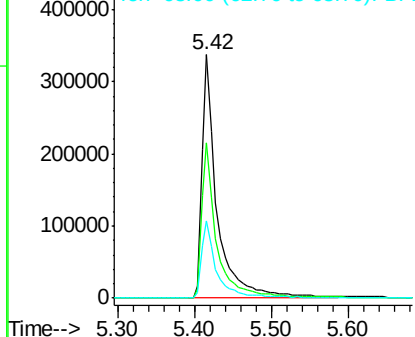
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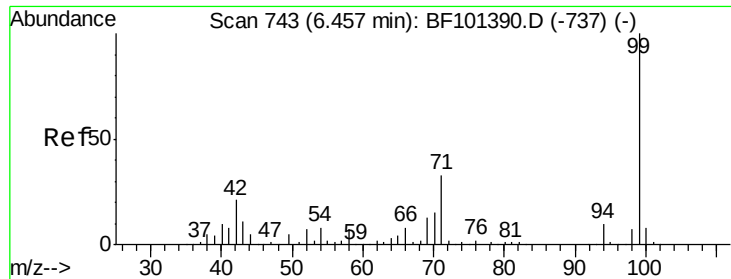
2-Fluorophenol
Concen: 48.333 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101590.D
Acq: 21 Dec 2017 5:39

Tgt Ion:112 Resp: 464152
Ion Ratio Lower Upper
112 100
64 63.7 47.9 71.9
63 31.7 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: 31.432 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101590.D

Acq: 21 Dec 2017 5:39

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-D-B

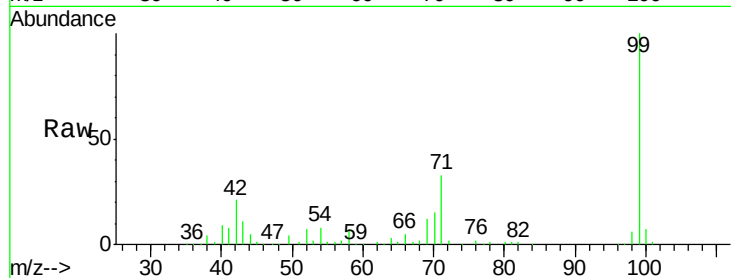
Tgt Ion: 99 Resp: 375655

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

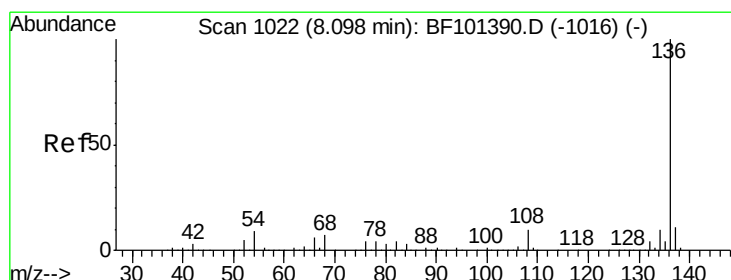
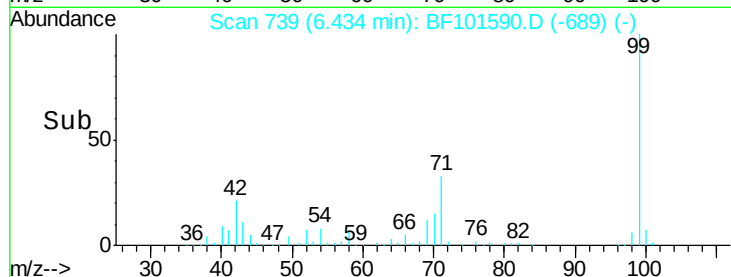
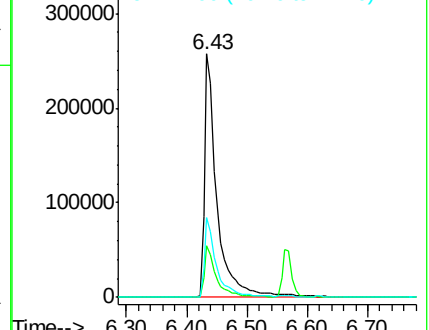
71 32.7 25.4 38.0



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: BF101590.D

Acq: 21 Dec 2017 5:39

Tgt Ion: 136 Resp: 546577

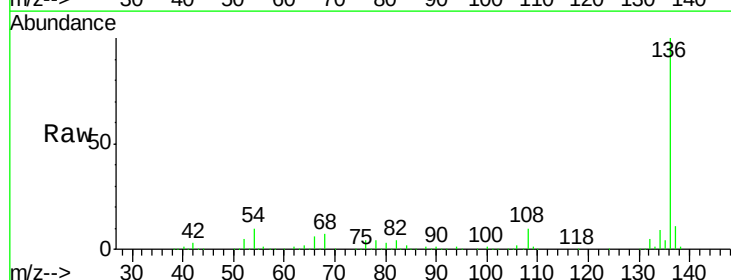
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.7 6.6 9.8

68 6.7 5.0 7.4

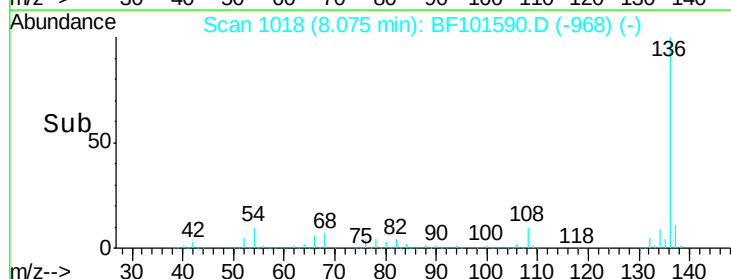
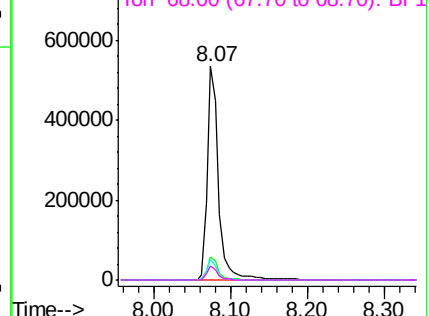


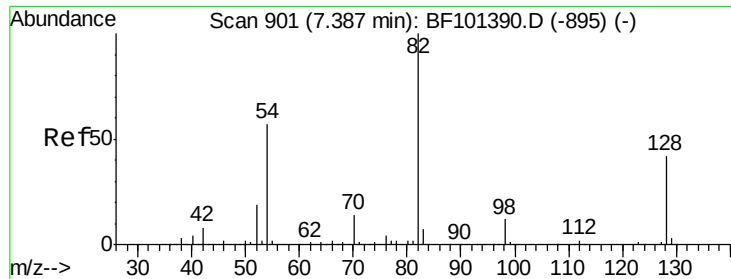
Abundance Ion 136.00 (135.70 to 136.70): E

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

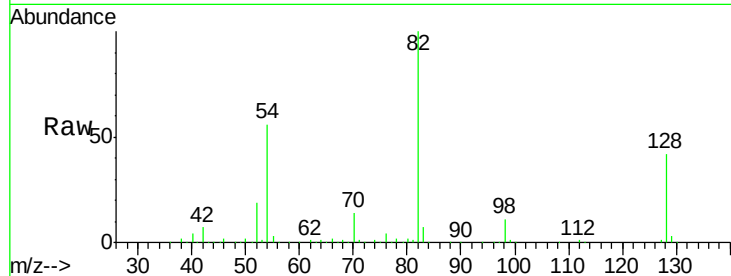




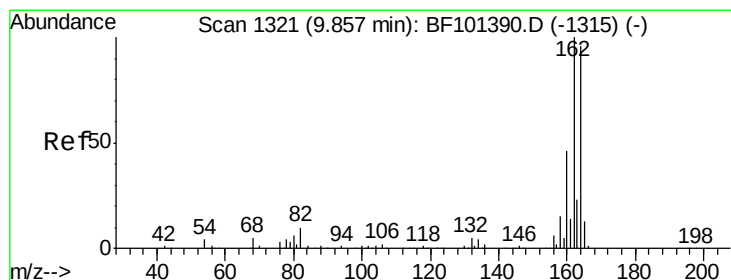
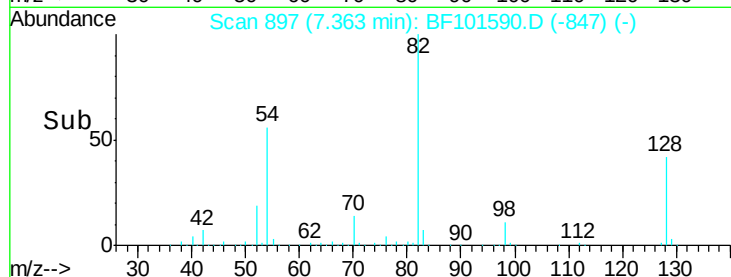
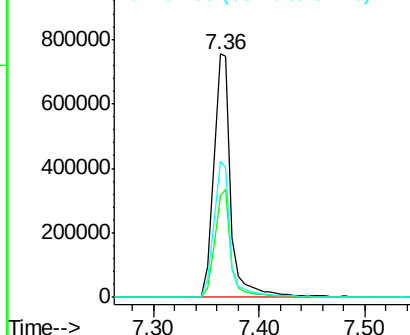
#23
 Nitrobenzene-d5
 Concen: 88.959 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101590.D
 Acq: 21 Dec 2017 5:39

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	55.8	41.4	62.2

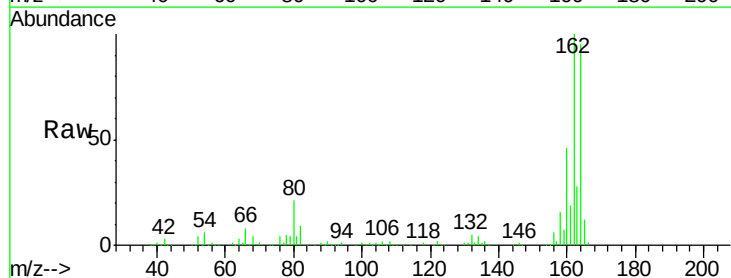


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

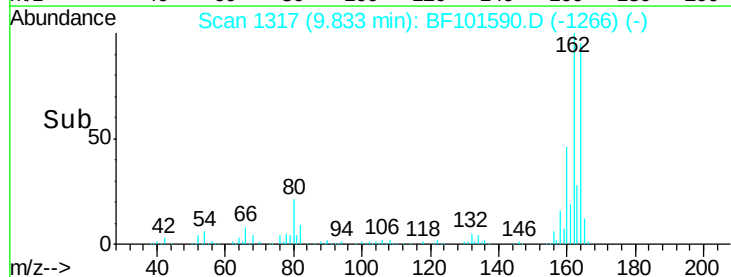
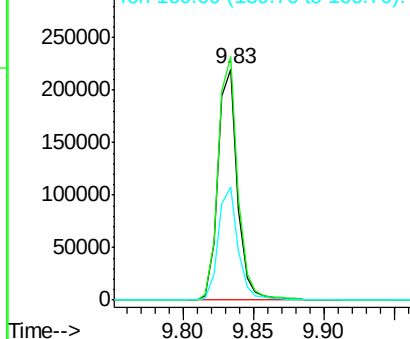


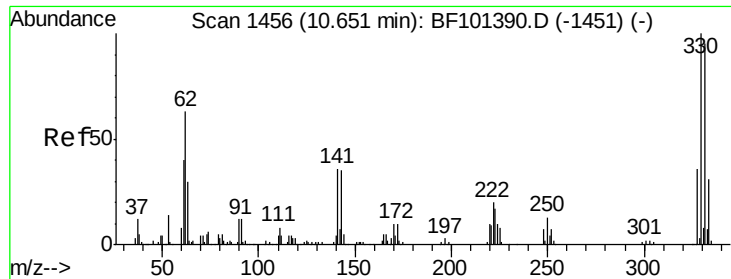
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101590.D
 Acq: 21 Dec 2017 5:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	49.0	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

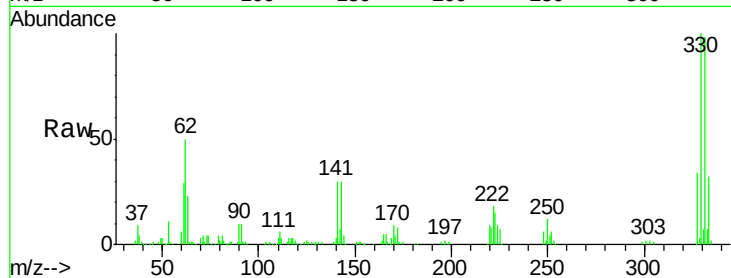




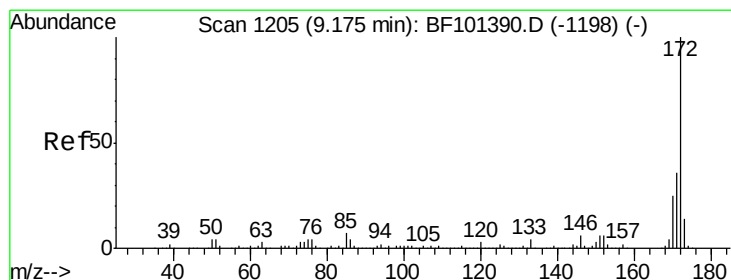
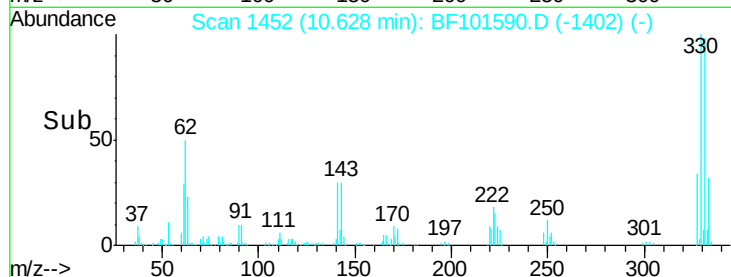
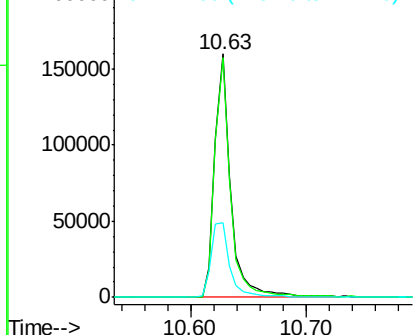
#41
 2,4,6-Tribromophenol
 Concen: 76.014 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101590.D
 Acq: 21 Dec 2017 5:39

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	36.2	29.9	44.9

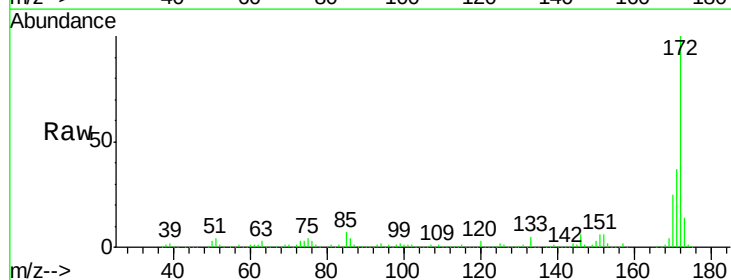


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

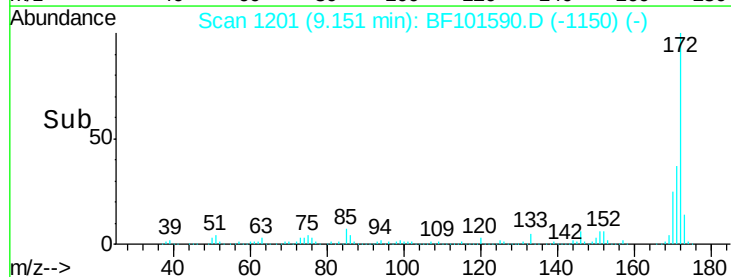
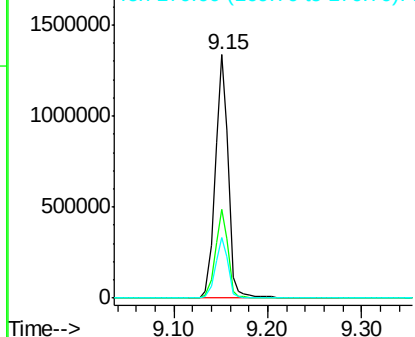


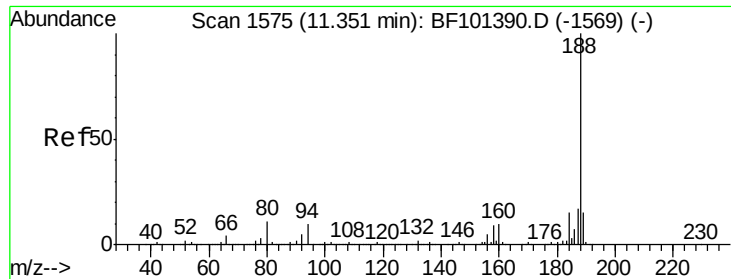
#44
 2-Fluorobiphenyl
 Concen: 95.546 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101590.D
 Acq: 21 Dec 2017 5:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	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

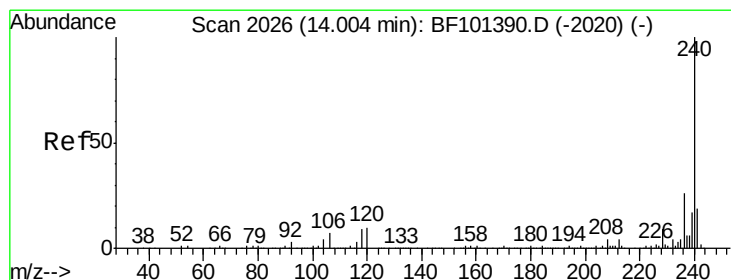
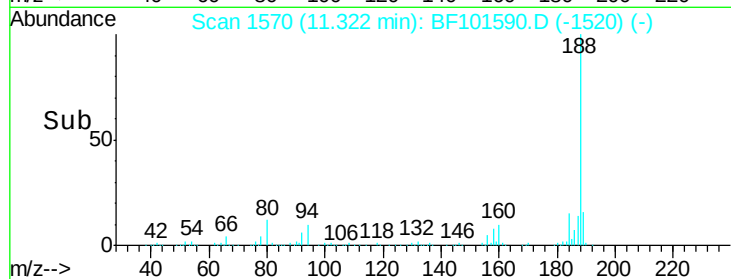
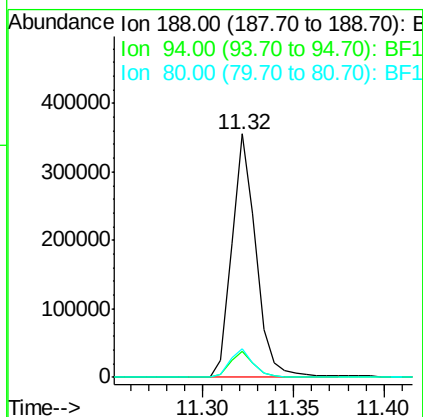
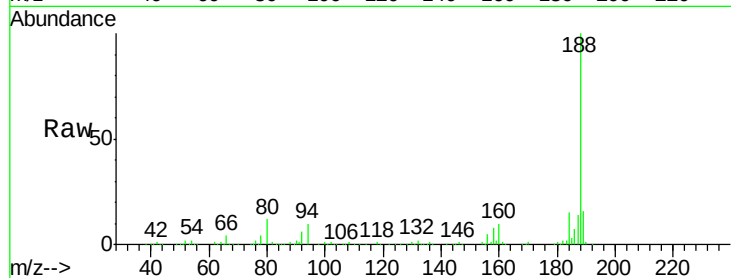




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101590.D
Acq: 21 Dec 2017 5:39

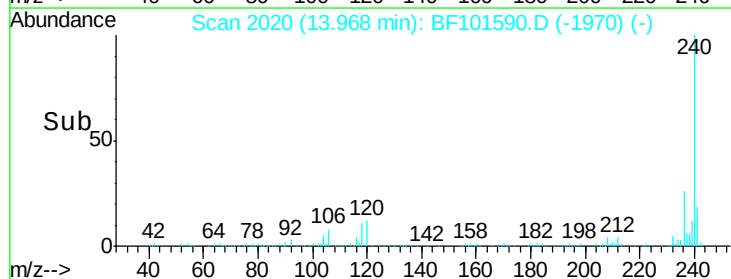
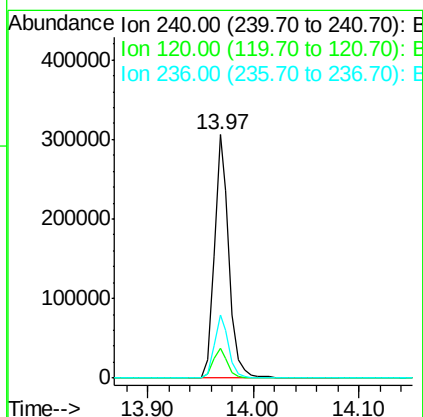
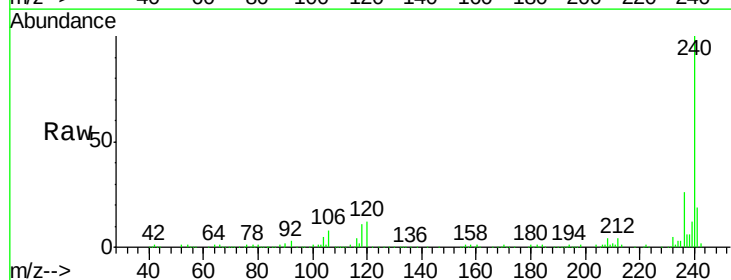
Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-D-B

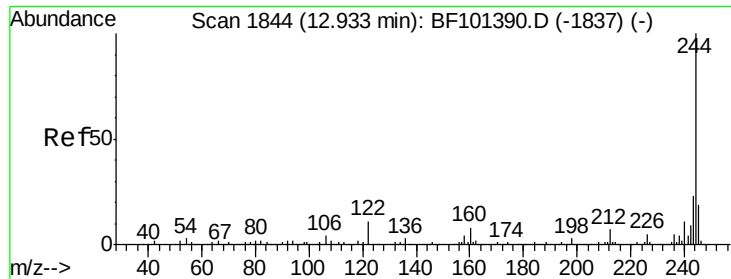
Tgt Ion:188 Resp: 329985
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101590.D
Acq: 21 Dec 2017 5:39

Tgt Ion:240 Resp: 298523
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.0 20.7 31.1

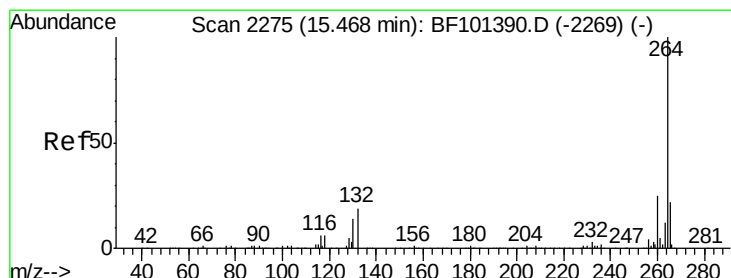
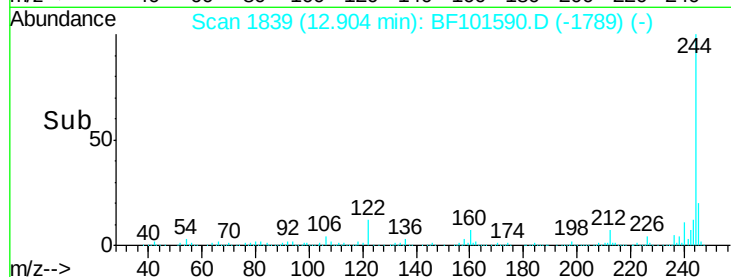
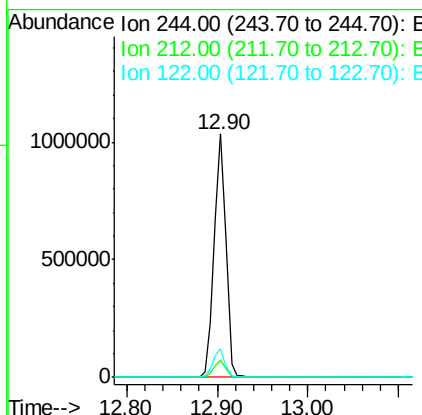
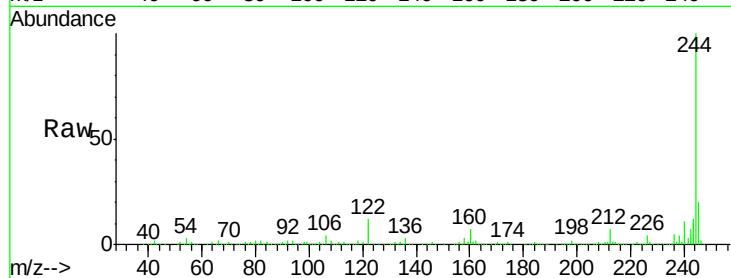




#78
 Terphenyl-d14
 Concen: 76.340 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101590.D
 Acq: 21 Dec 2017 5:39

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-B

Tgt Ion: 244 Resp: 945305
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101590.D
 Acq: 21 Dec 2017 5:39

Tgt Ion: 264 Resp: 324392
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 17.5 26.3

