

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101681.D
 Acq On : 23 Dec 2017 5:00
 Operator : SJ/JU
 Sample : I6971-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-S

Quant Time: Dec 23 05:57:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	174908	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	680148	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	284436	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	475021	20.00	ng	0.00
75) Chrysene-d12	13.96	240	330338	20.00	ng	0.00
86) Perylene-d12	15.43	264	320807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	485003	41.30	ng	0.00
7) Phenol-d6	6.43	99	384294	26.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	996306	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	211119	77.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1518441	82.81	ng	0.00
78) Terphenyl-d14	12.90	244	1166575	85.14	ng	0.00

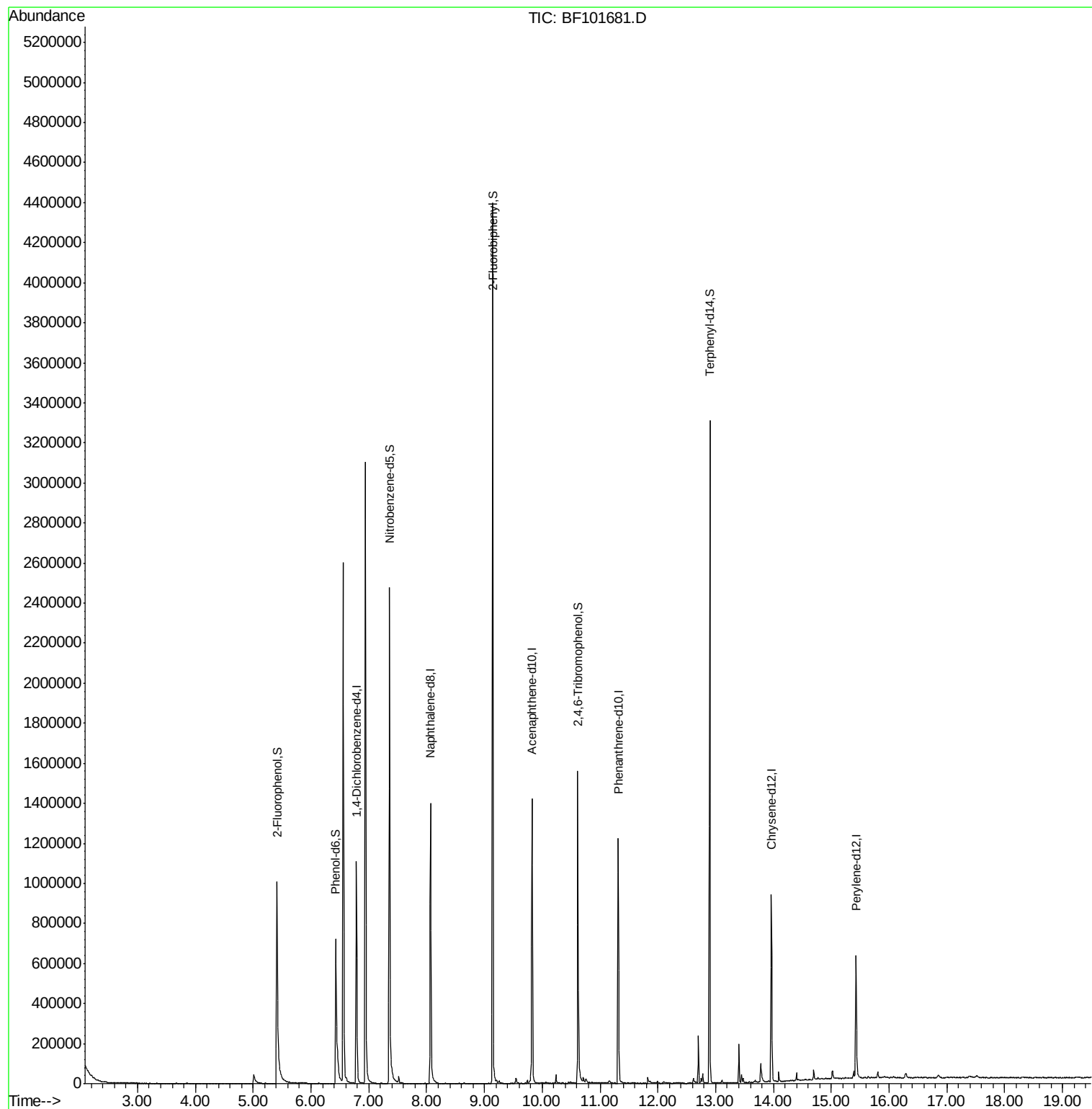
Target Compounds	Qvalue
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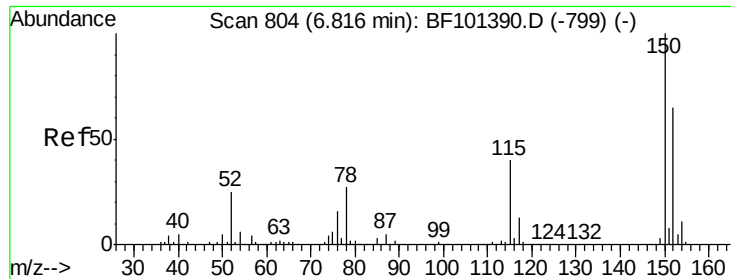
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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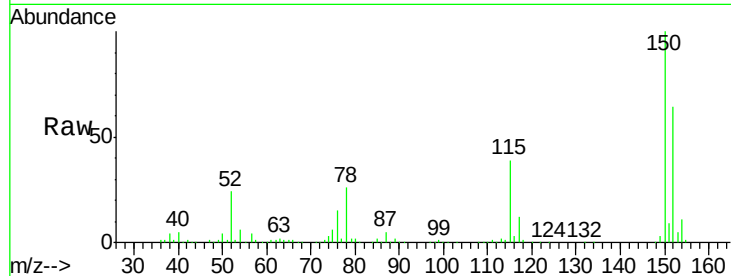




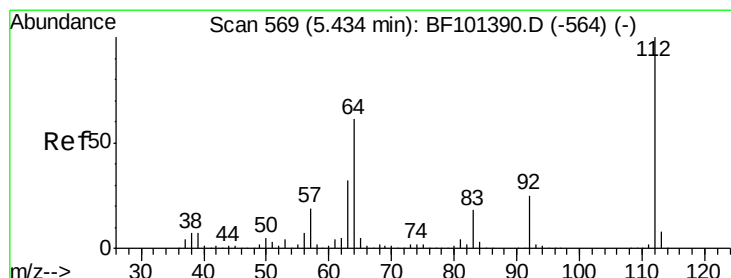
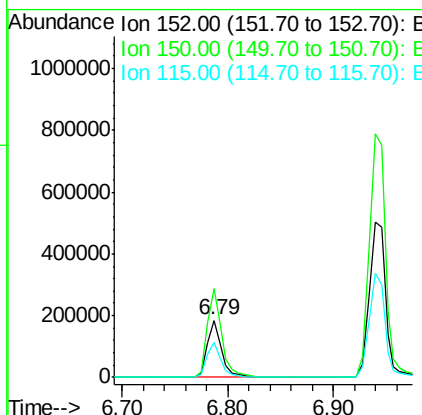
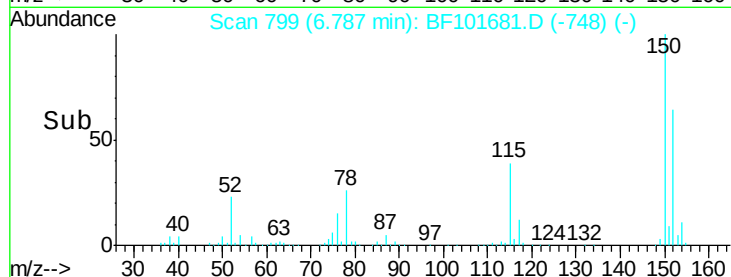
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101681.D
 Acq: 23 Dec 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-S

Tgt Ion:152 Resp: 174908
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 60.6 50.1 75.1

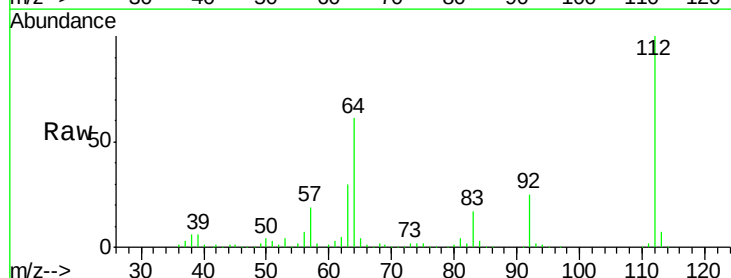


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

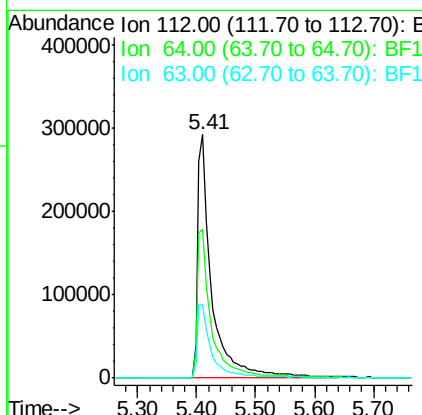
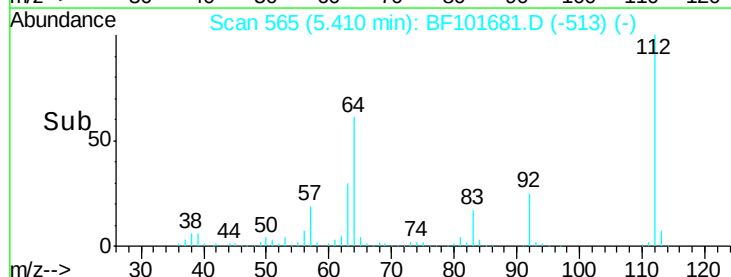


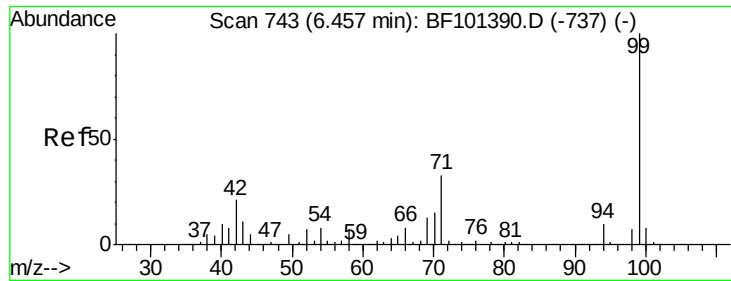
#5
 2-Fluorophenol
 Concen: 41.305 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101681.D
 Acq: 23 Dec 2017 5:00

Tgt Ion:112 Resp: 485003
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.9 71.9
 63 30.3 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: 26.297 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101681.D

Acq: 23 Dec 2017 5:00

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-S

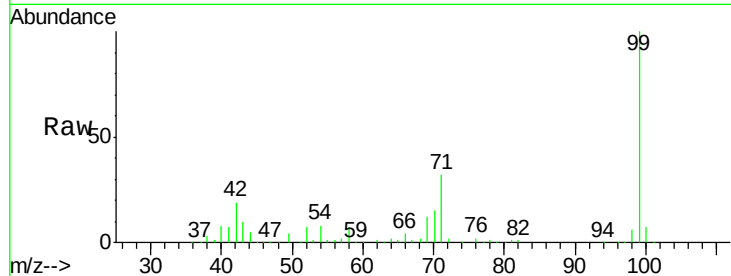
Tgt Ion: 99 Resp: 384294

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

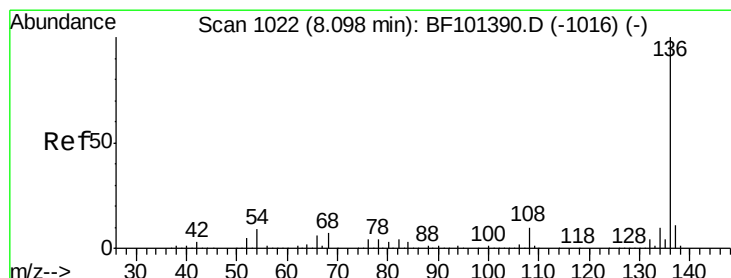
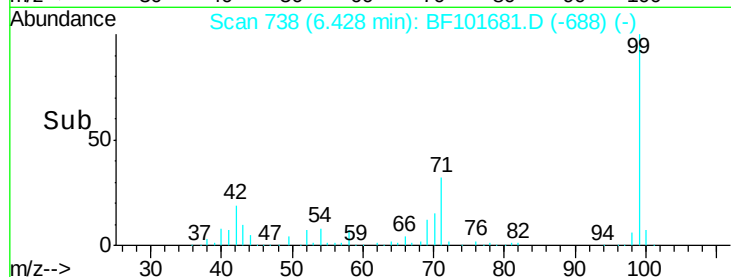
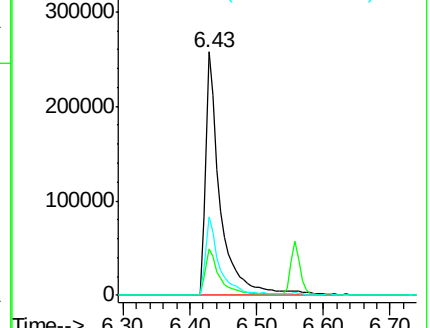
71 32.4 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101681.D

Acq: 23 Dec 2017 5:00

Tgt Ion: 136 Resp: 680148

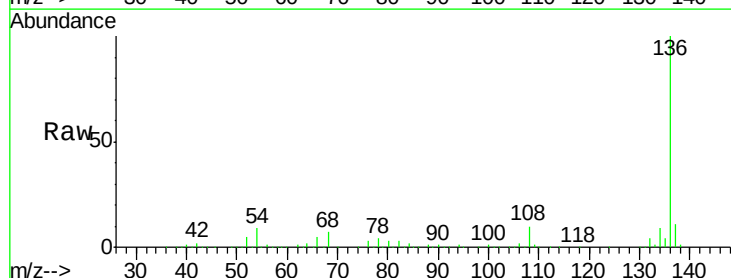
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4

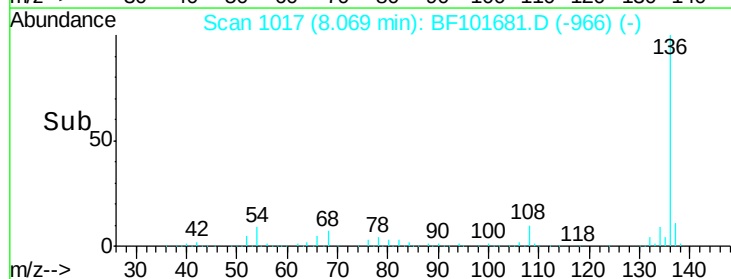
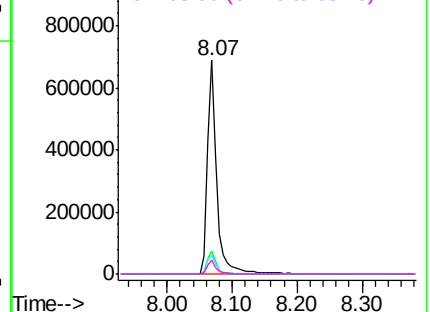


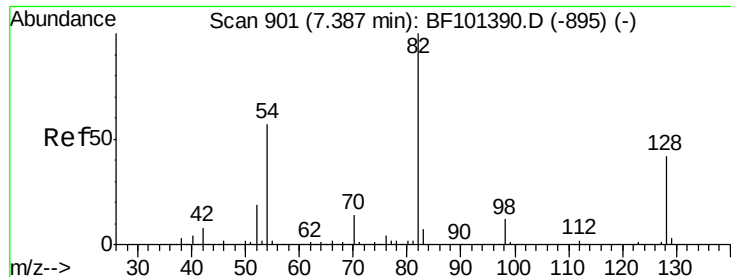
Abundance Ion 136.00 (135.70 to 136.70): E

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

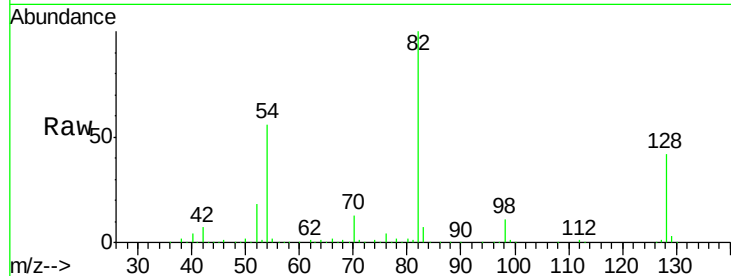




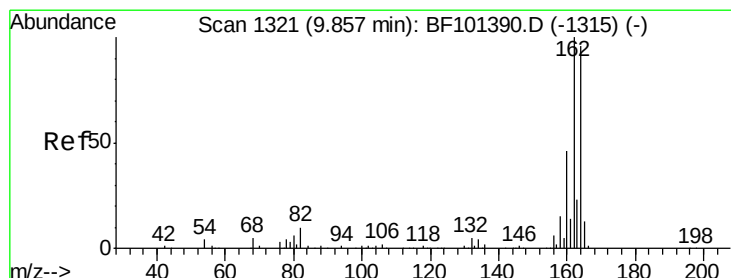
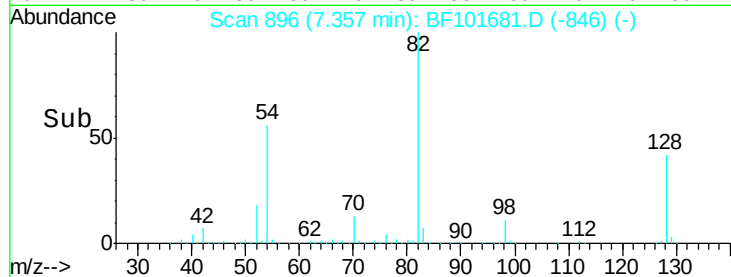
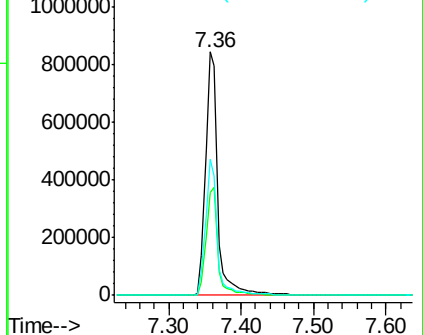
#23
Nitrobenzene-d5
Concen: 81.541 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101681.D
Acq: 23 Dec 2017 5:00

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-S

Tgt Ion: 82 Resp: 996306
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 56.0 41.4 62.2

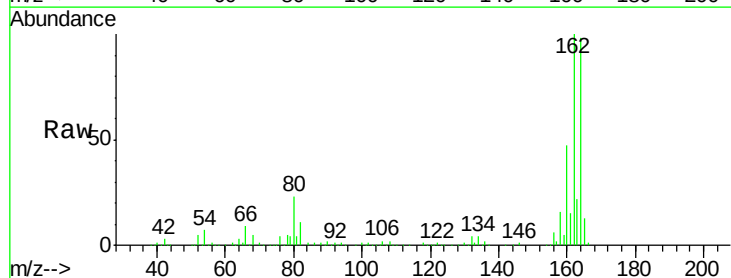


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

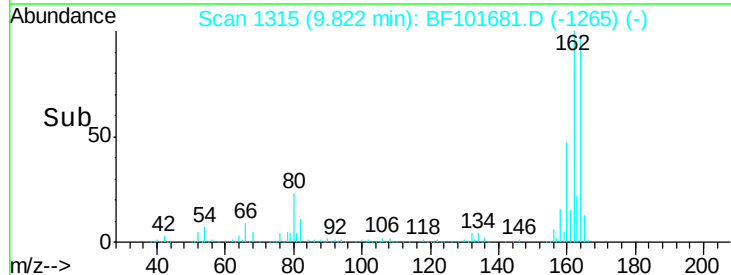
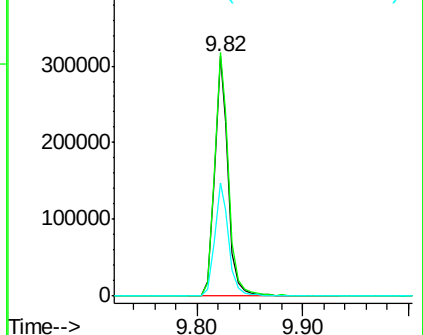


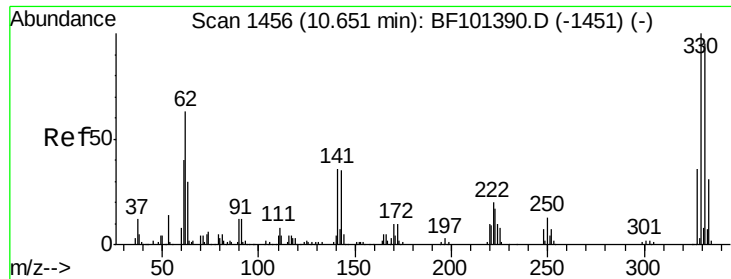
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101681.D
Acq: 23 Dec 2017 5:00

Tgt Ion: 164 Resp: 284436
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 47.4 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

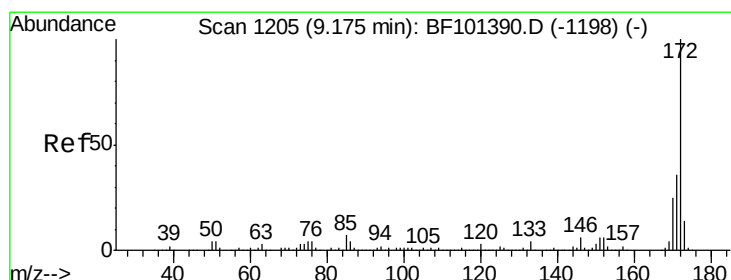
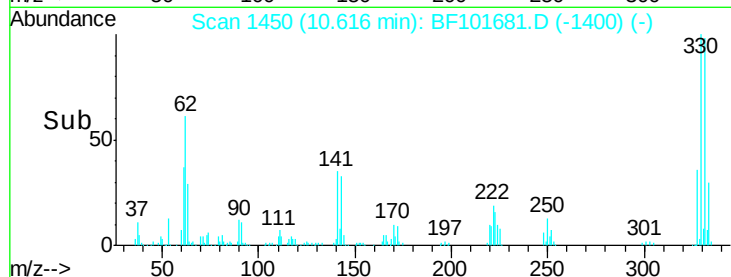
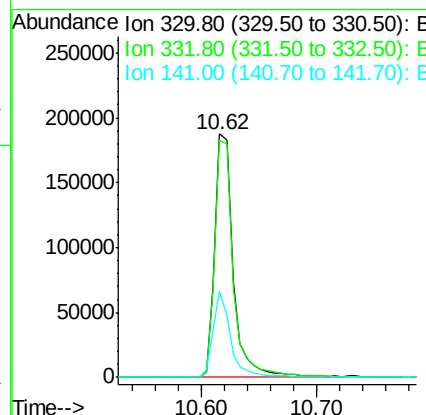
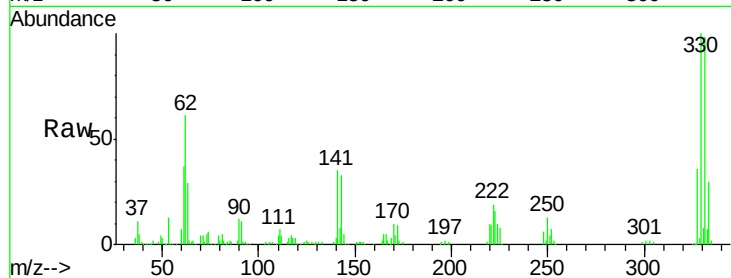




#41
 2,4,6-Tribromophenol
 Concen: 77.029 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101681.D
 Acq: 23 Dec 2017 5:00

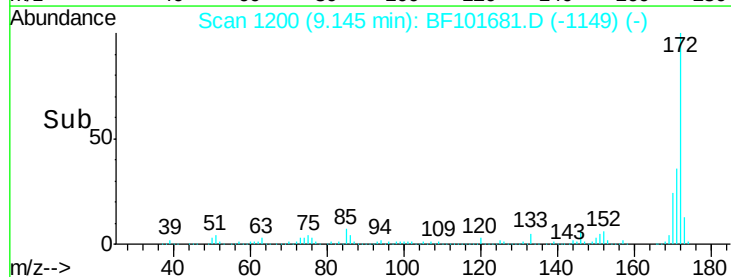
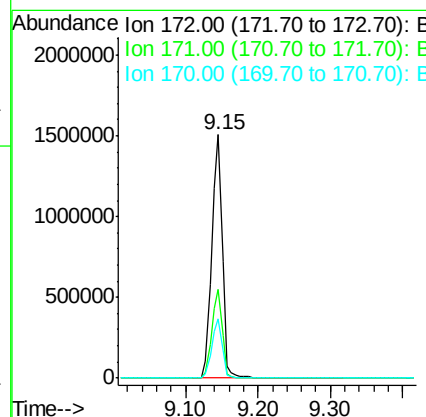
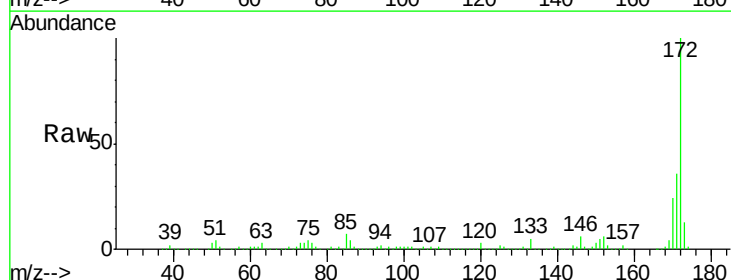
Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-S

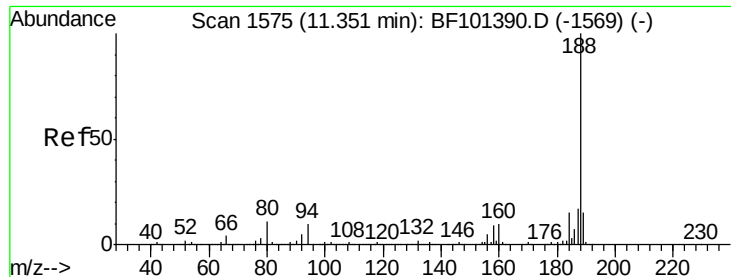
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	33.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 82.812 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101681.D
 Acq: 23 Dec 2017 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

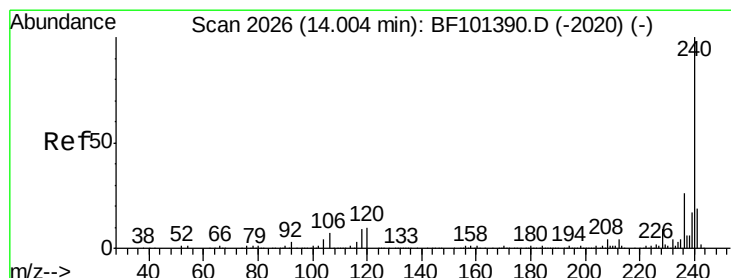
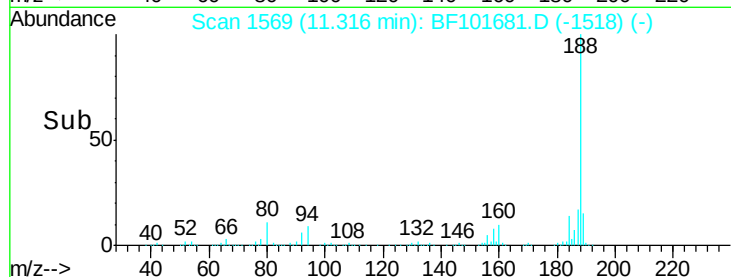
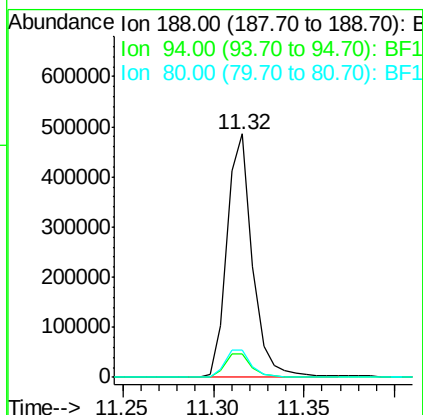
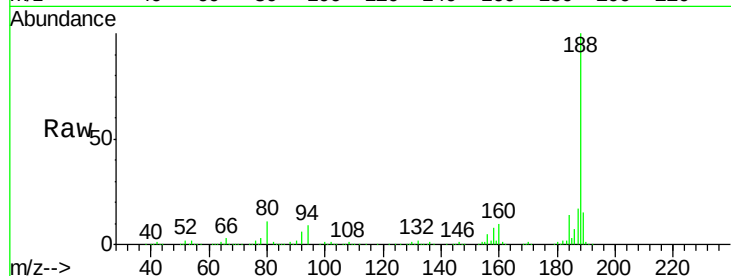




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101681.D
Acq: 23 Dec 2017 5:00

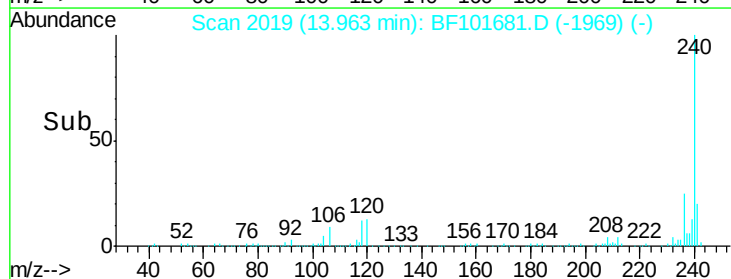
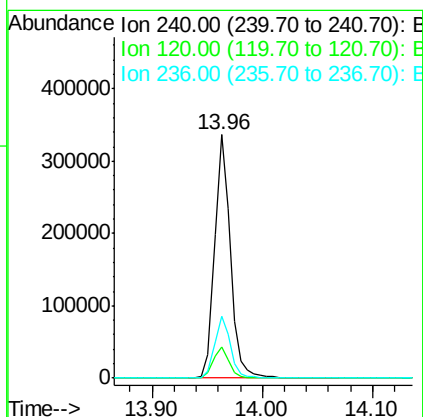
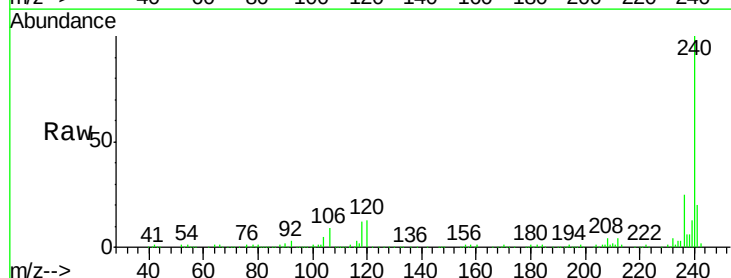
Instrument :
BNA_F
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121517-TIFR-E-D-S

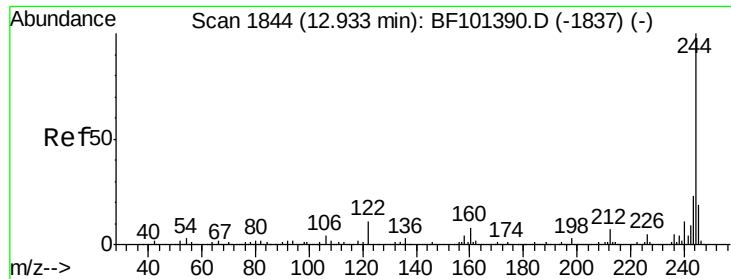
Tgt Ion:188 Resp: 475021
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101681.D
Acq: 23 Dec 2017 5:00

Tgt Ion:240 Resp: 330338
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 85.135 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101681.D

Acq: 23 Dec 2017 5:00

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-S

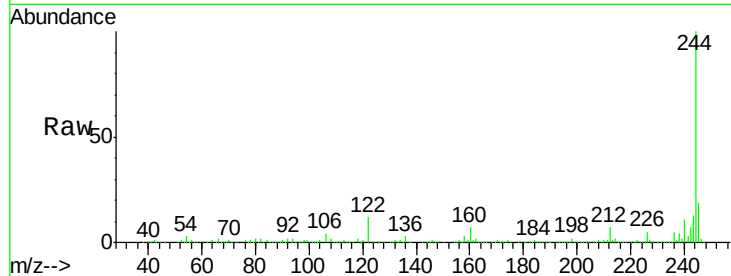
Tgt Ion:244 Resp: 1166575

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

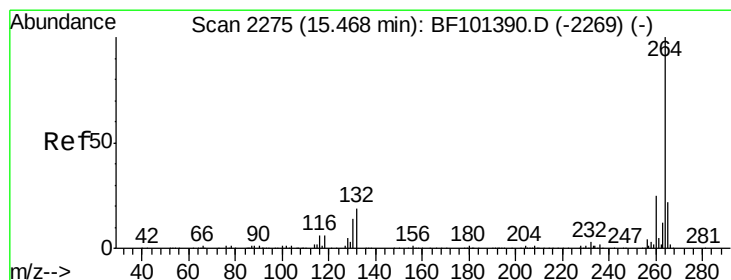
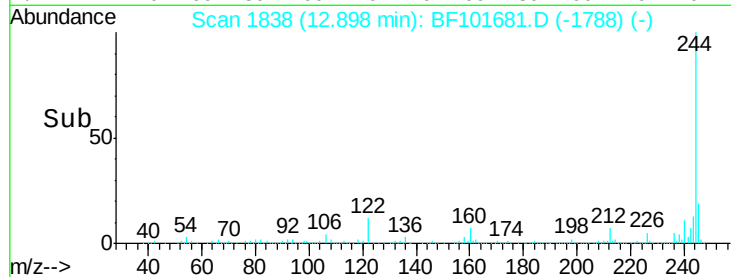
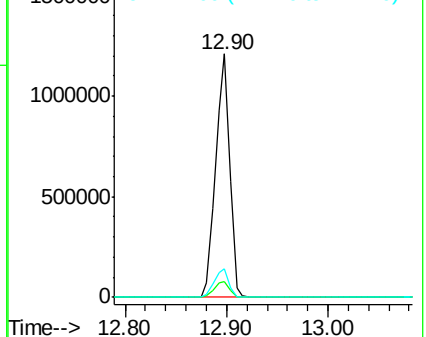
122 11.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101681.D

Acq: 23 Dec 2017 5:00

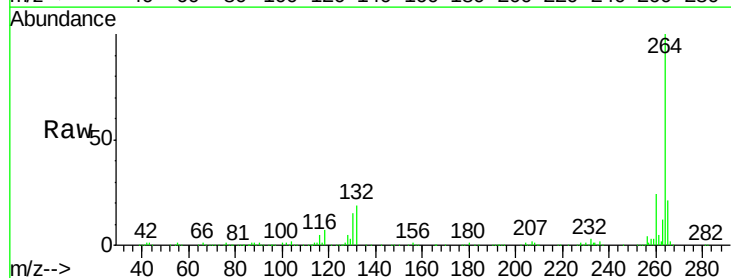
Tgt Ion:264 Resp: 320807

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 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

