

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101507.D
 Acq On : 19 Dec 2017 4:44
 Operator : SJ/JU
 Sample : I6909-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-D-M

Quant Time: Dec 19 07:11:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

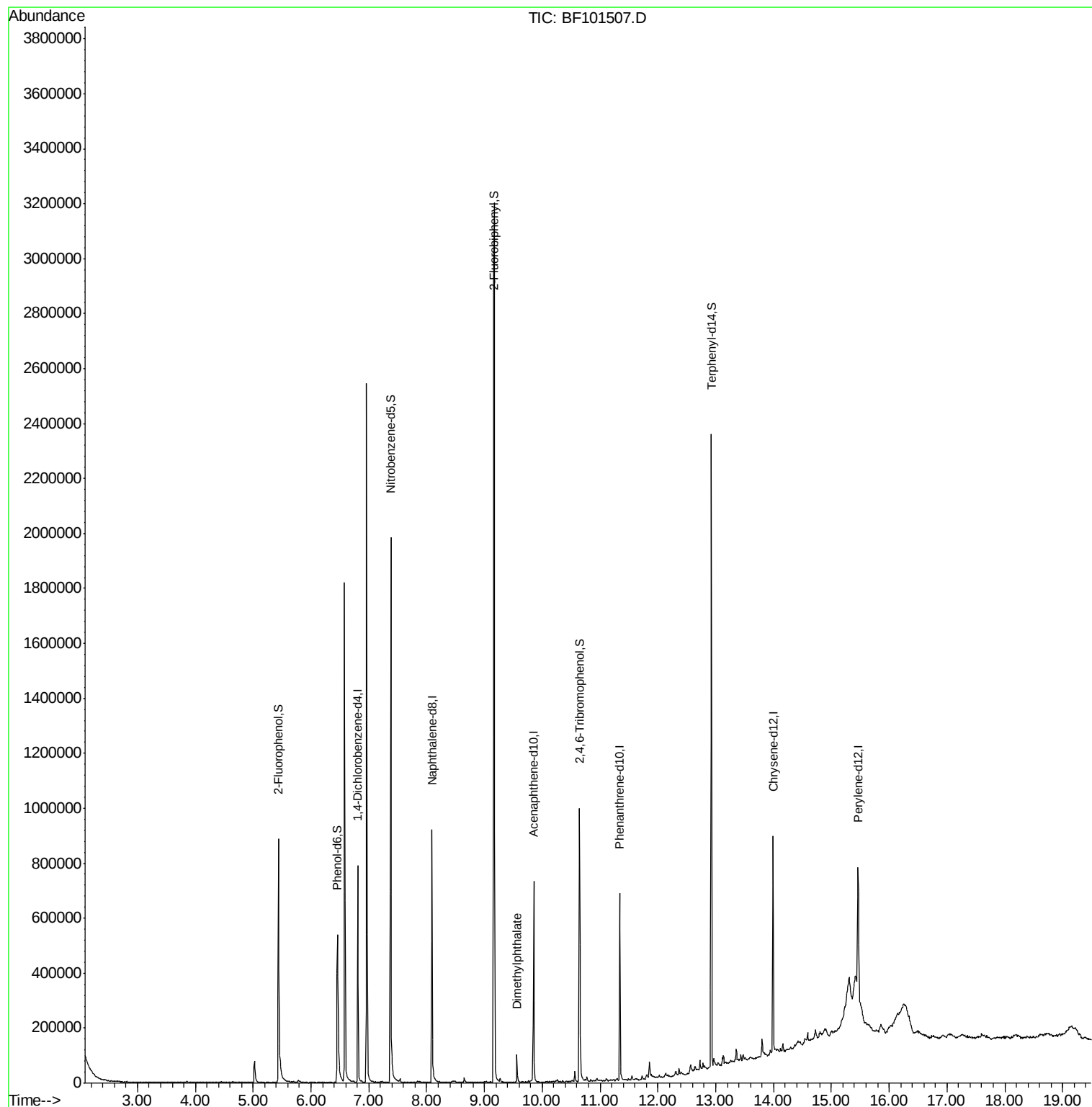
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120143	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	431325	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	157001	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	257635	20.00	ng	0.00
75) Chrysene-d12	13.99	240	274721	20.00	ng	0.00
86) Perylene-d12	15.46	264	254867	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	341731	42.37	ng	0.01
7) Phenol-d6	6.46	99	254796	25.38	ng	0.00
23) Nitrobenzene-d5	7.38	82	687665	88.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	131717	87.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1108966	109.57	ng	0.00
78) Terphenyl-d14	12.93	244	863648	75.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	42430	3.360	ng	Qvalue # 97

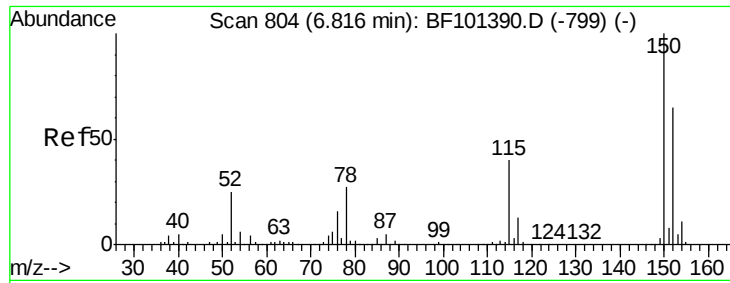
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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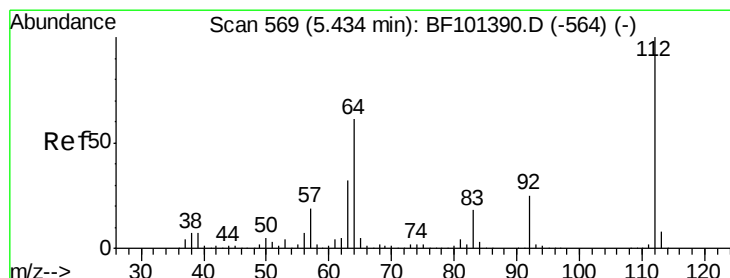
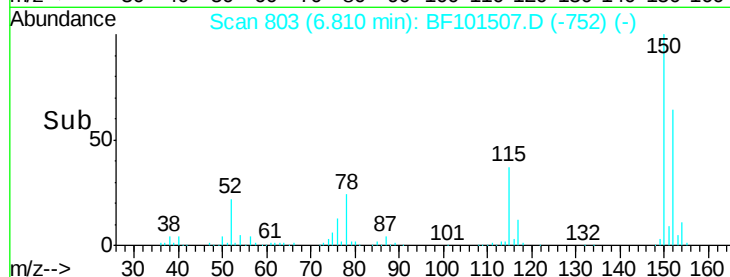
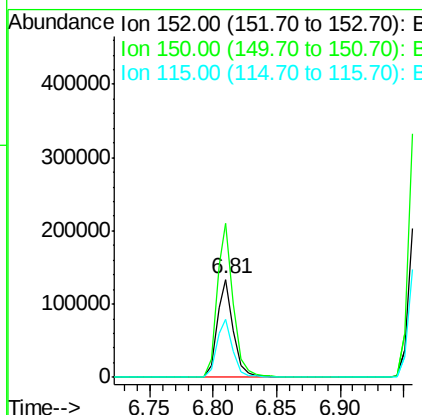
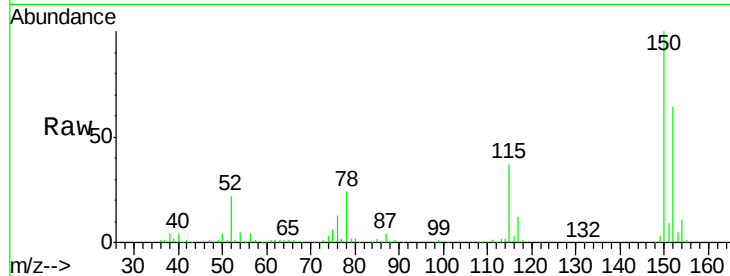


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Instrument :
BNA_F
ClientSampleId :
121217-FOPI-E-D-M

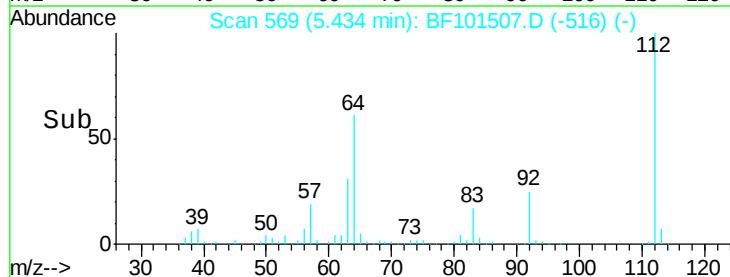
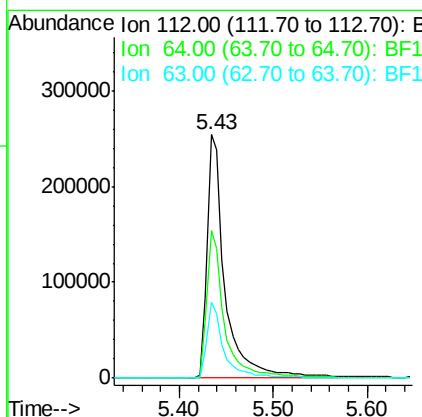
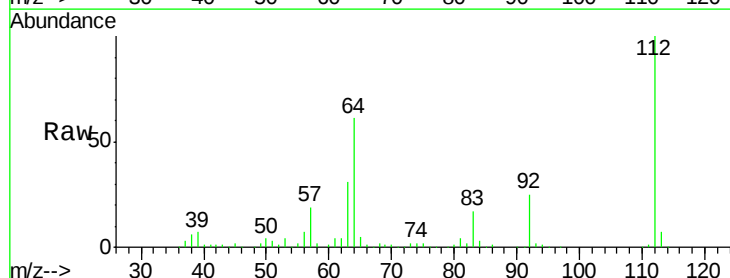
Tgt Ion:152 Resp: 120143
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 58.8 50.1 75.1

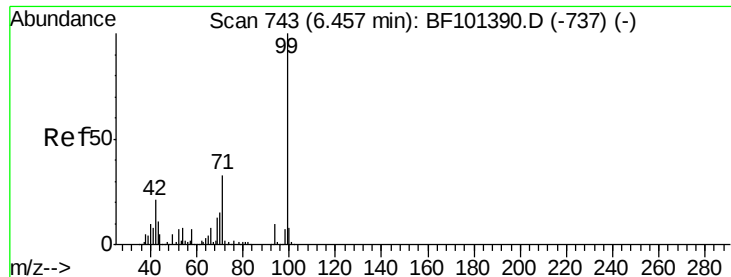


#5

2-Fluorophenol
Concen: 42.369 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:112 Resp: 341731
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 25.383 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-D-M

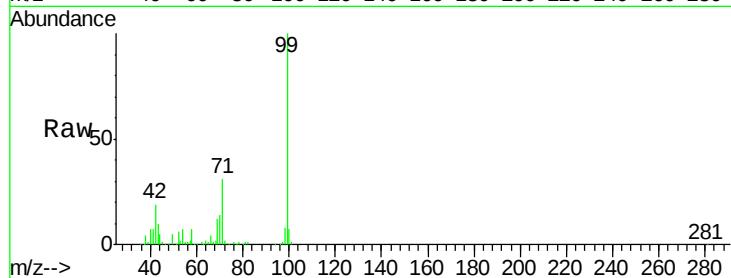
Tgt Ion: 99 Resp: 254796

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

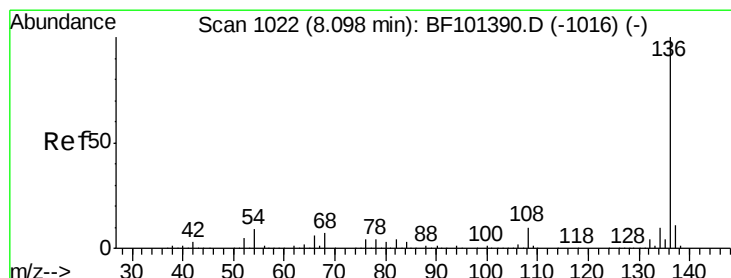
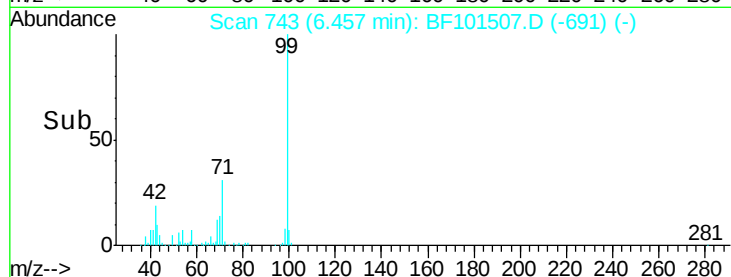
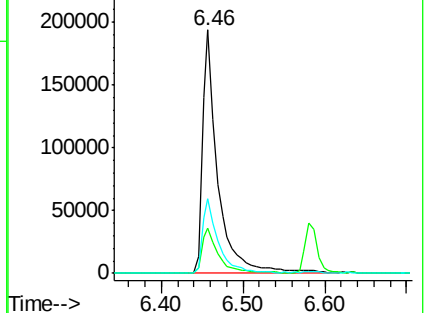
71 30.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

Tgt Ion: 136 Resp: 431325

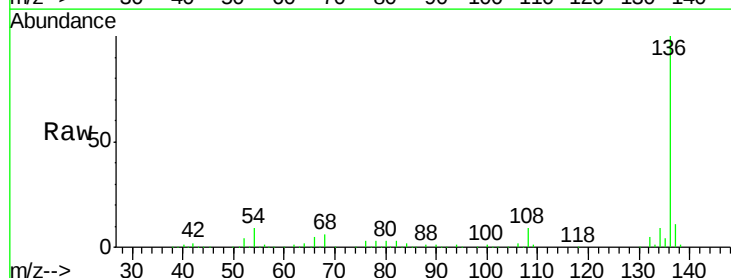
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.7 6.6 9.8

68 5.9 5.0 7.4

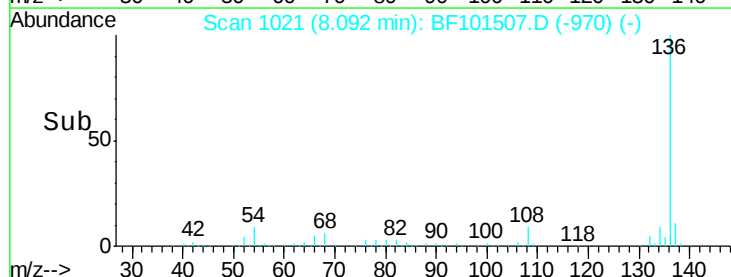
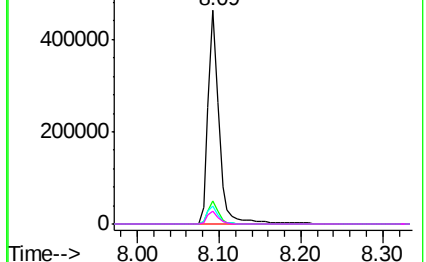


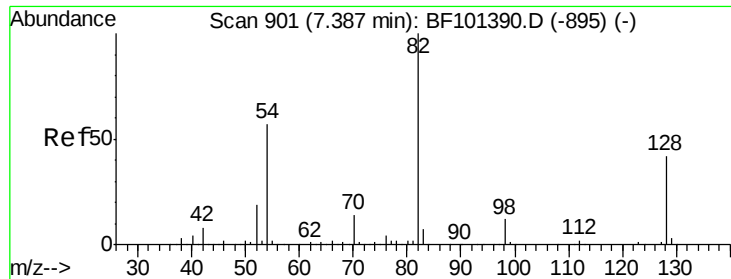
Abundance Ion 136.00 (135.70 to 136.70): E

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

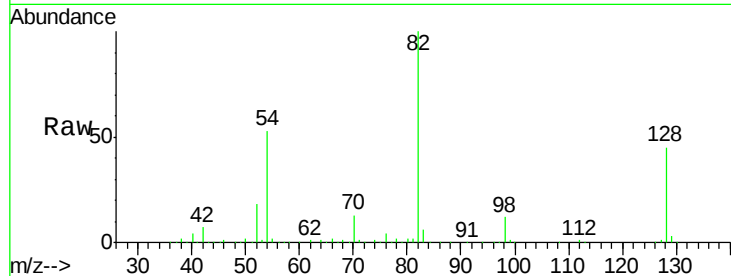




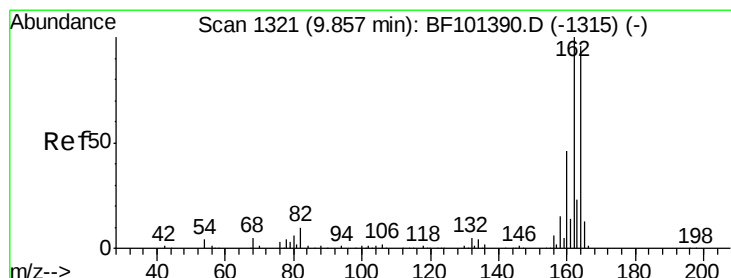
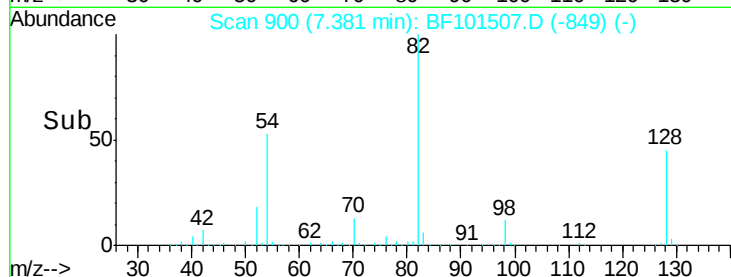
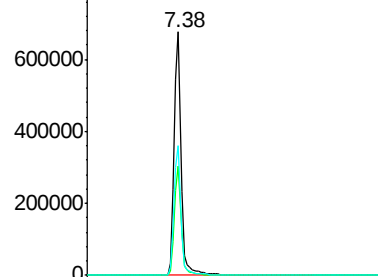
#23
 Nitrobenzene-d5
 Concen: 88.748 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-D-M

Tgt Ion: 82 Resp: 687665
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 53.1 41.4 62.2

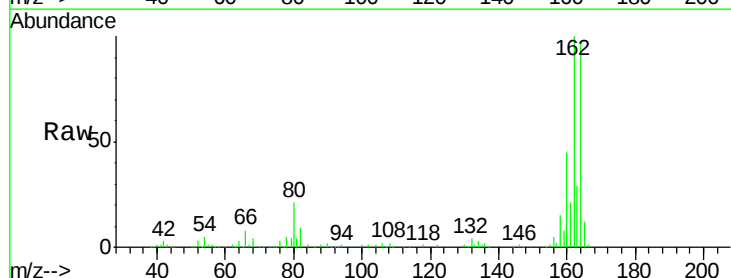


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

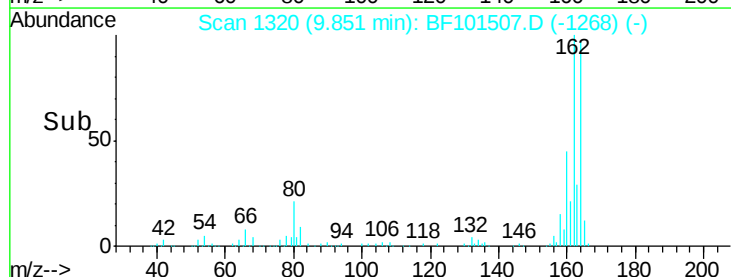
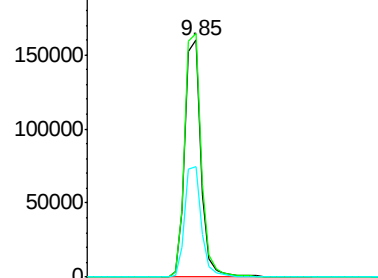


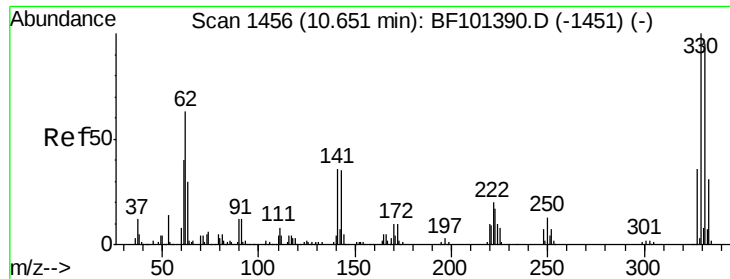
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Tgt Ion: 164 Resp: 157001
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

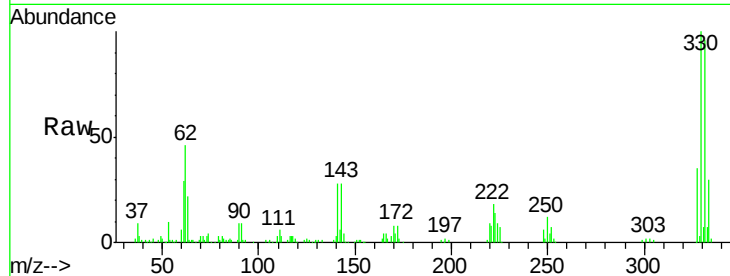




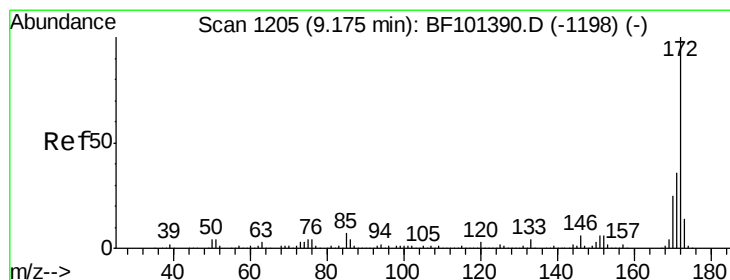
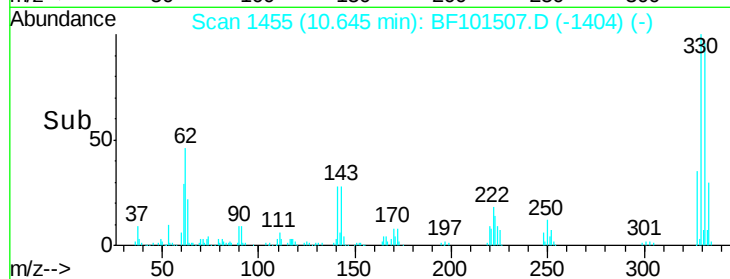
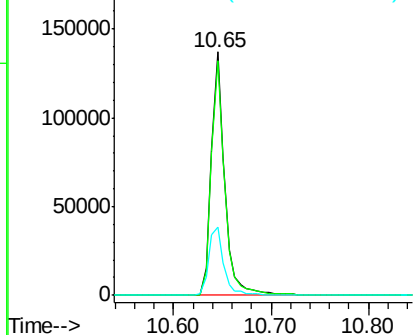
#41
 2,4,6-Tribromophenol
 Concen: 87.067 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-D-M

Tgt Ion: 330 Resp: 131717
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.4 29.9 44.9

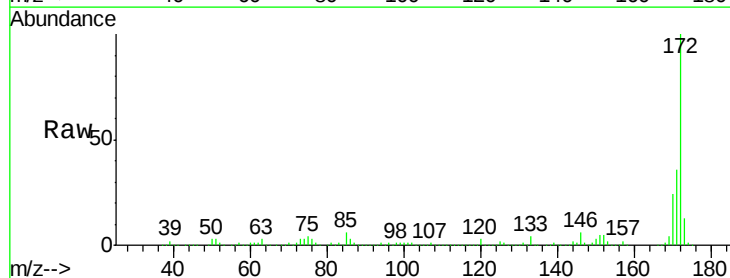


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

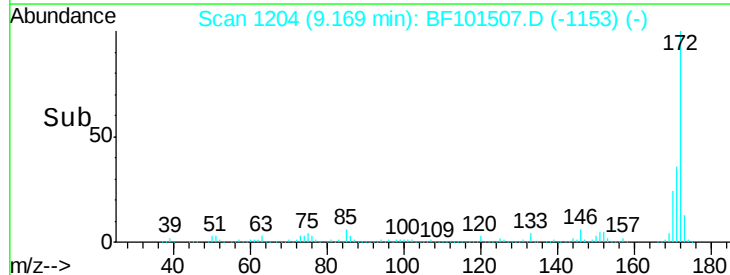
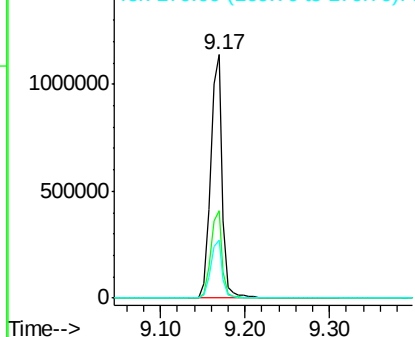


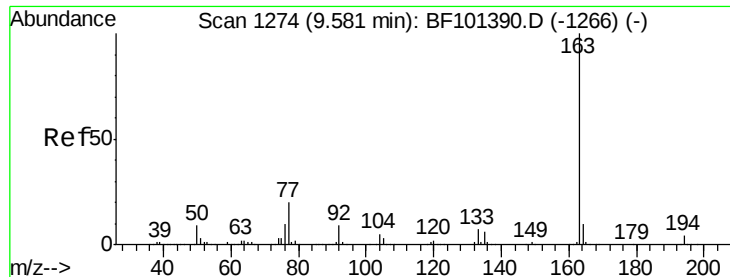
#44
 2-Fluorobiphenyl
 Concen: 109.571 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Tgt Ion: 172 Resp: 1108966
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 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

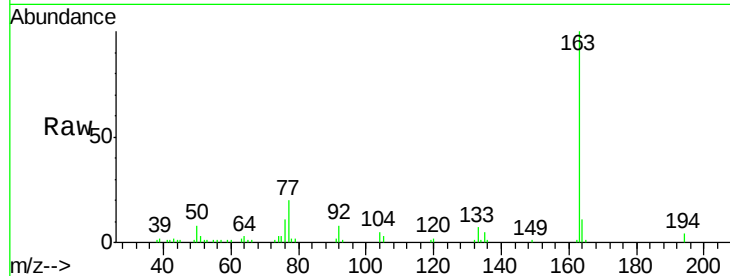




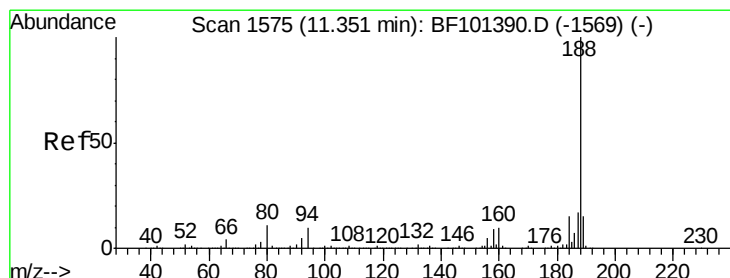
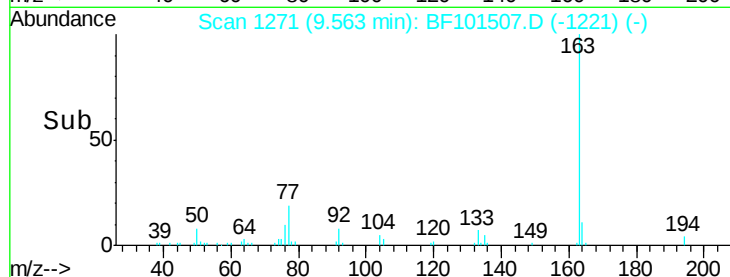
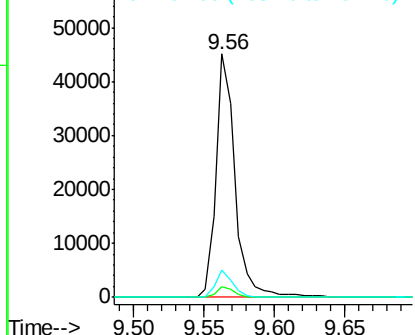
#49
Dimethylphthalate
Concen: 3.360 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Instrument :
BNA_F
ClientSampleId :
121217-FOPI-E-D-M

Tgt Ion:163 Resp: 42430
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.2 8.2 12.2

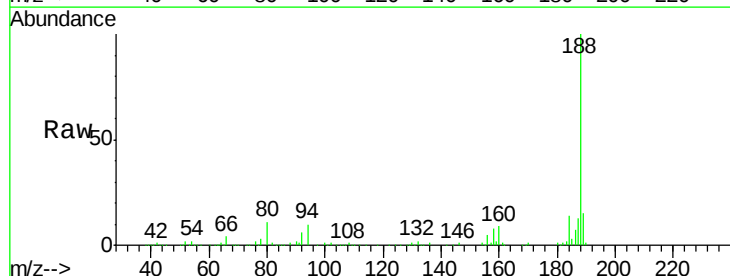


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

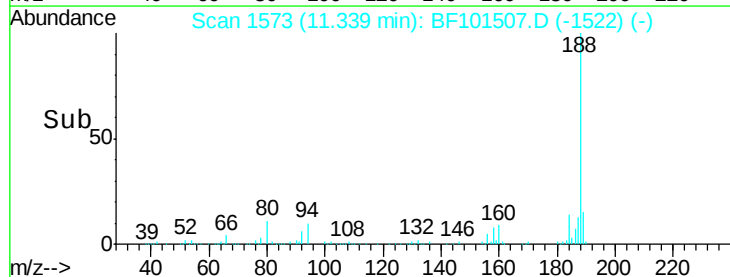
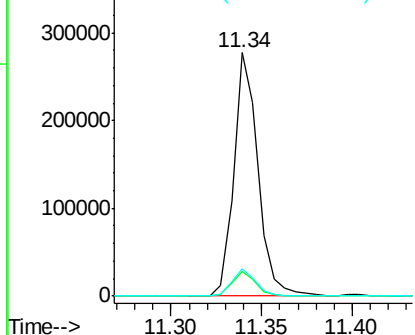


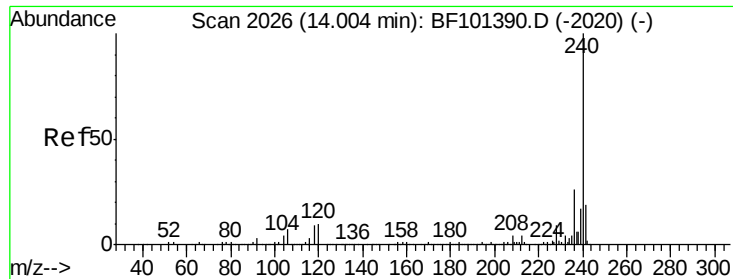
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:188 Resp: 257635
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 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

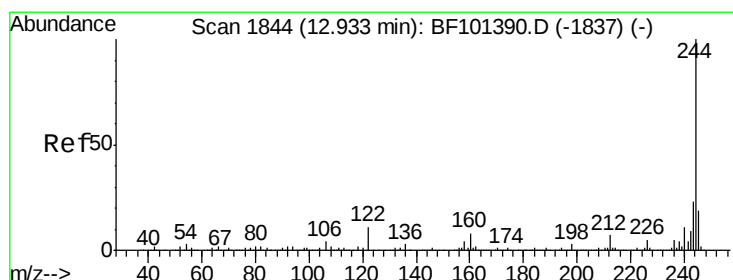
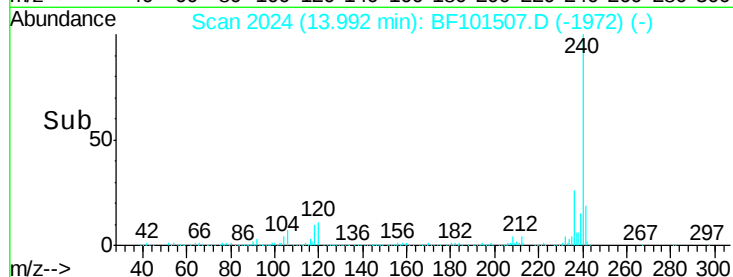
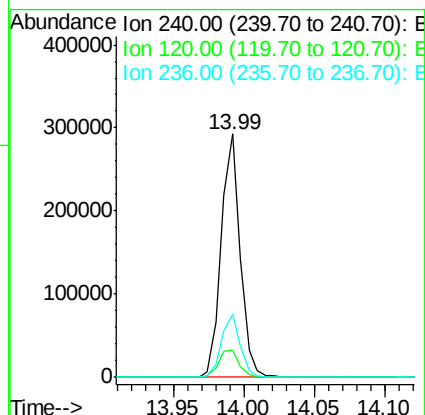
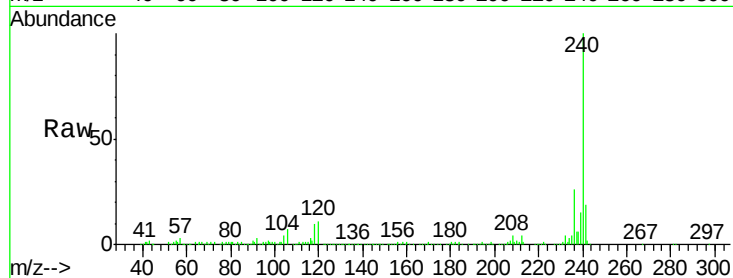




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

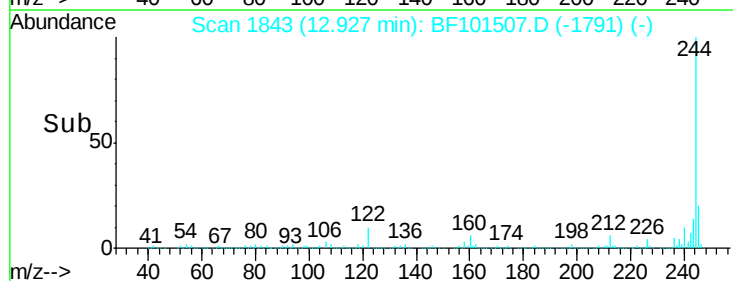
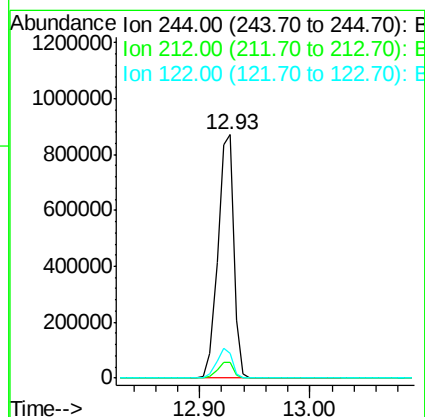
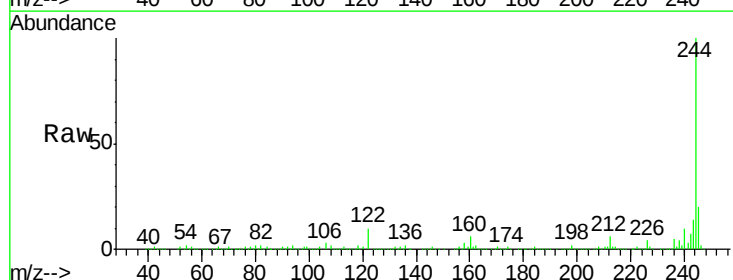
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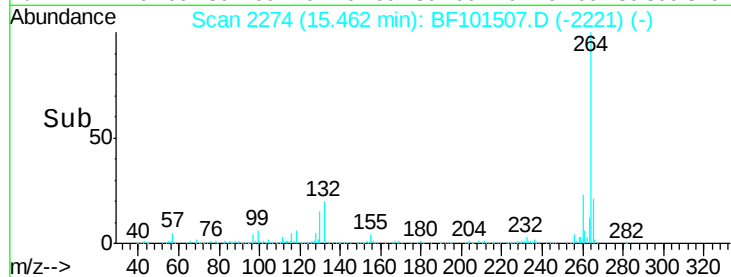
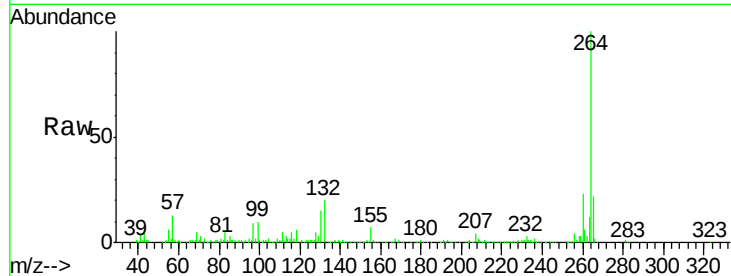
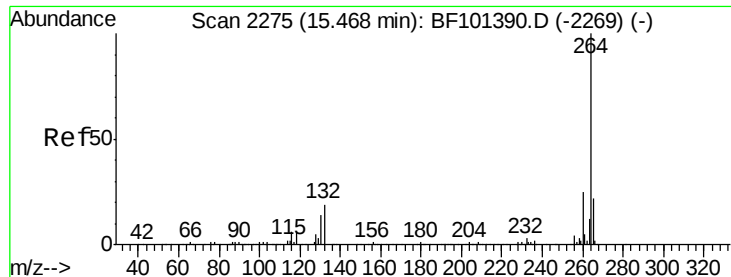
Tgt Ion:240 Resp: 274721
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 75.788 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:244 Resp: 863648
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.2 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-D-M

Tgt Ion: 264 Resp: 254867

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 17.5 26.3

