

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091507.D
 Acq On : 8 Dec 2016 17:25
 Operator : UM/SJ
 Sample : H5867-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

Quant Time: Dec 09 00:24:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

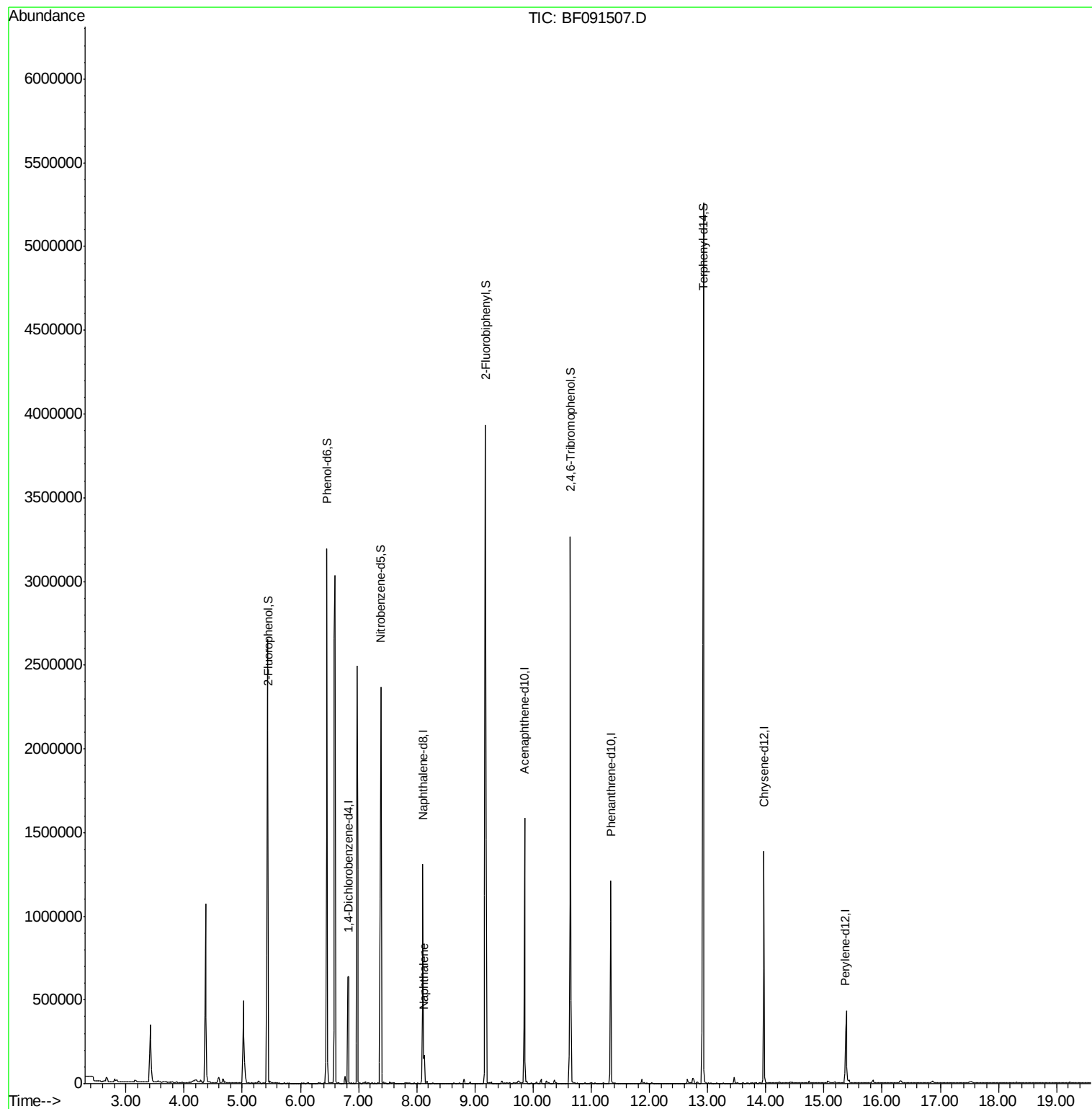
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142352m	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	610221	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	344208	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	663999	20.00	ng	0.00
75) Chrysene-d12	13.97	240	584591	20.00	ng	0.00
86) Perylene-d12	15.37	264	121489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1014472	116.42	ng	0.03
7) Phenol-d6	6.46	99	1070786	99.82	ng	0.00
23) Nitrobenzene-d5	7.38	82	804575	73.89	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	437725	134.33	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1571149	82.65	ng	-0.01
78) Terphenyl-d14	12.93	244	1928105	71.69	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	95213	3.28	ng	Qvalue 98

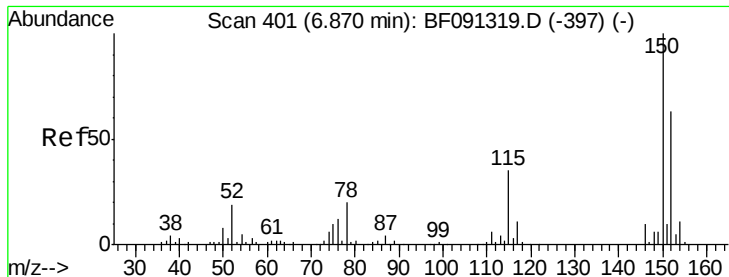
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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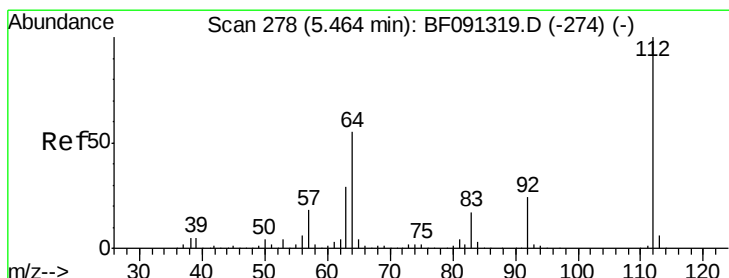
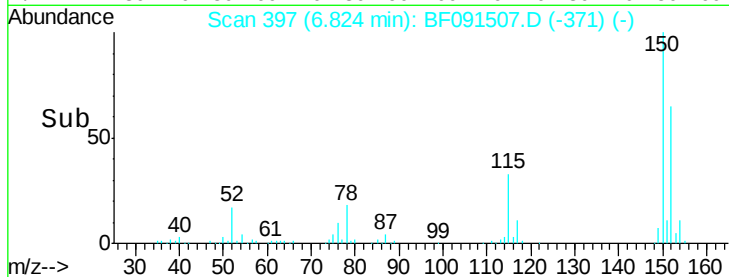
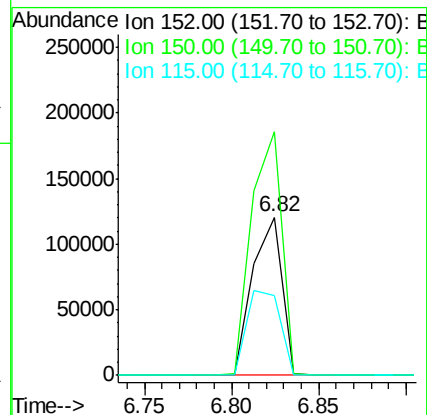
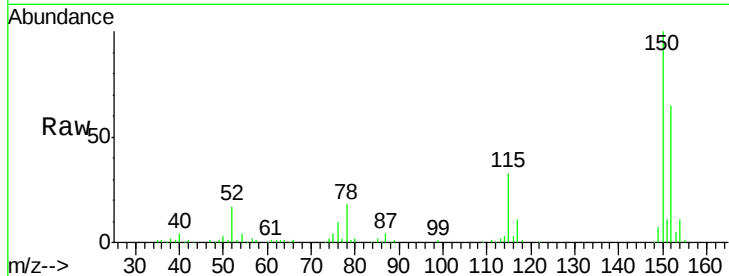


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF091507.D
 Acq: 8 Dec 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

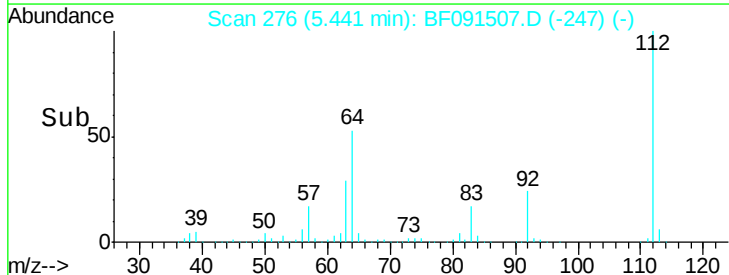
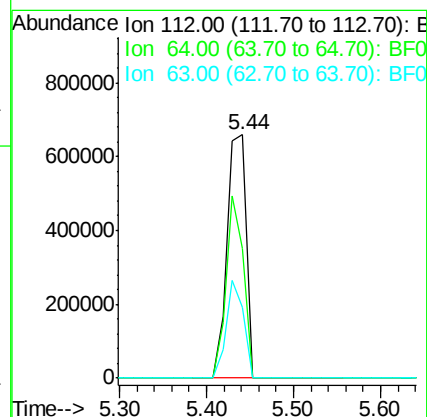
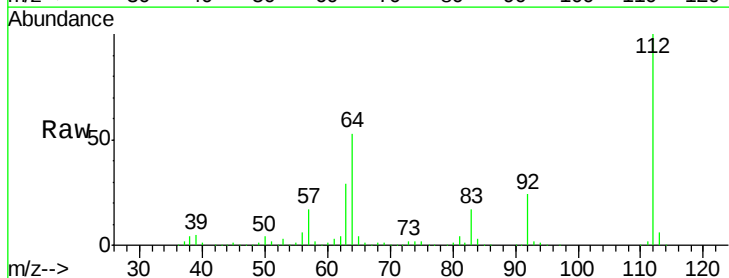
Tgt Ion:152 Resp: 142352
 Ion Ratio Lower Upper
 152 100
 150 154.2 122.5 183.7
 115 50.1 51.8 77.8#

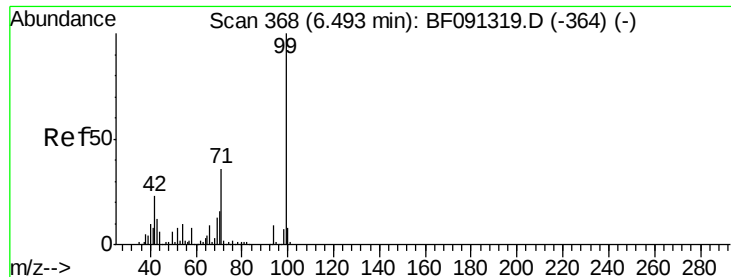


#5

2-Fluorophenol
 Concen: 116.42 ng
 RT: 5.44 min Scan# 276
 Delta R.T. 0.03 min
 Lab File: BF091507.D
 Acq: 8 Dec 2016 17:25

Tgt Ion:112 Resp: 1014472
 Ion Ratio Lower Upper
 112 100
 64 53.2 61.5 92.3#
 63 29.0 33.3 49.9#





#7

Phenol-d6

Concen: 99.82 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

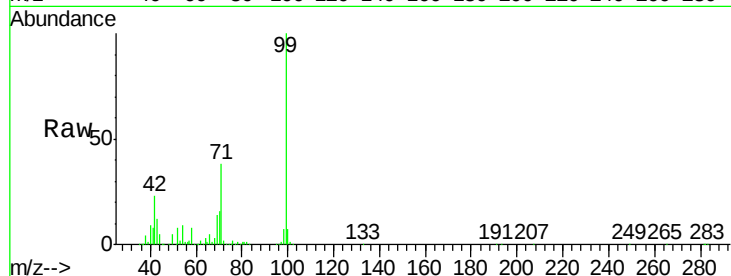
Tgt Ion: 99 Resp: 1070786

Ion Ratio Lower Upper

99 100

42 23.3 20.6 31.0

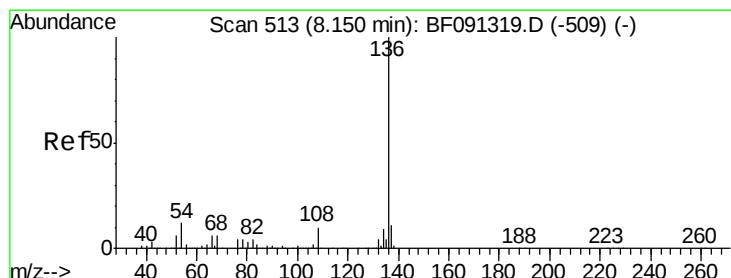
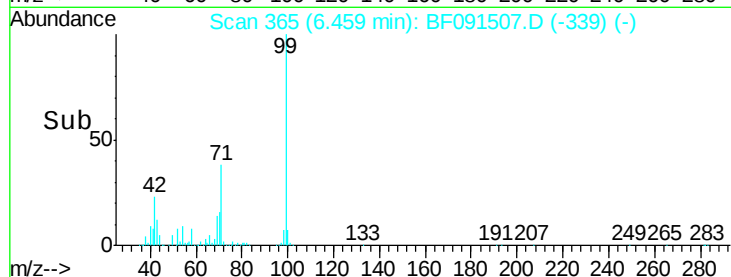
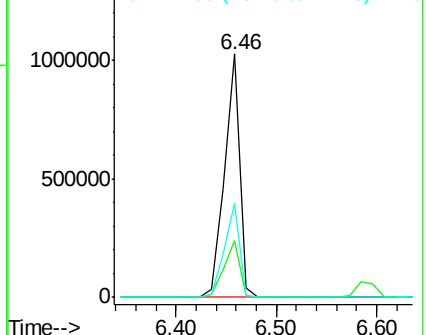
71 38.3 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Tgt Ion: 136 Resp: 610221

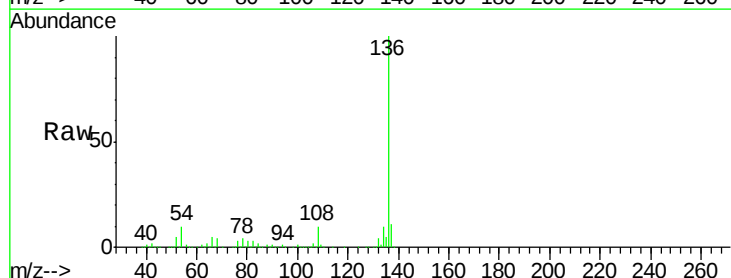
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.6 9.1 13.7

68 4.4 5.9 8.9#

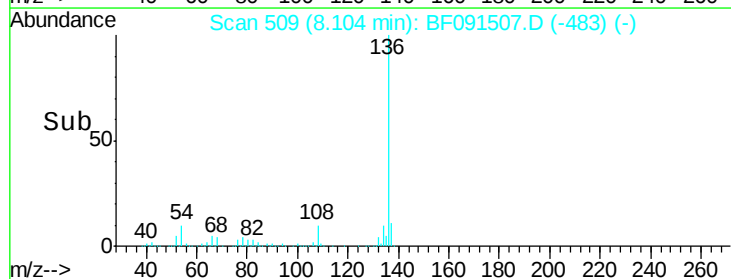
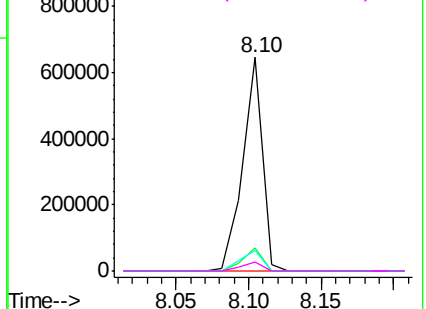


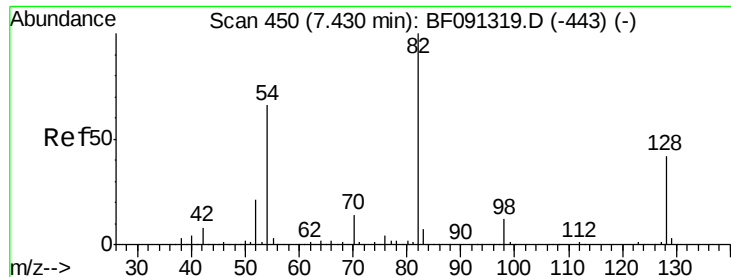
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

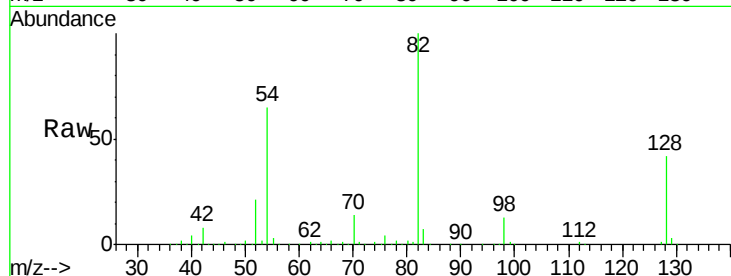




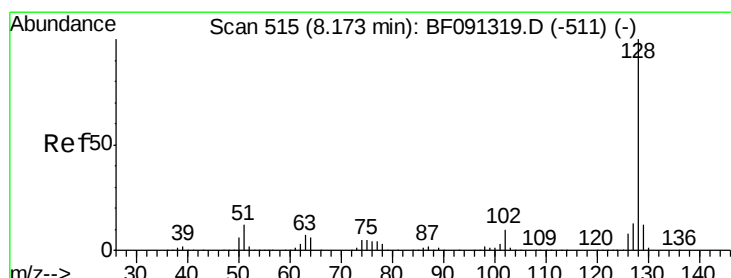
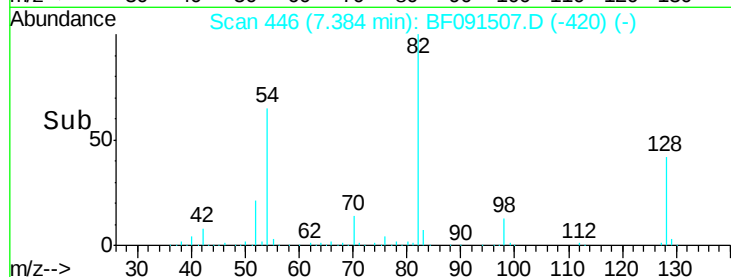
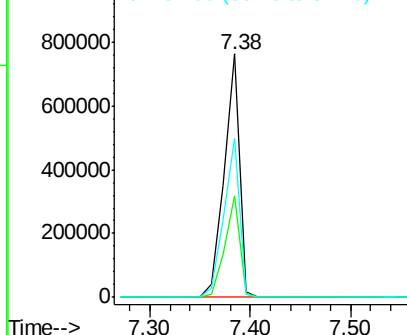
#23
Nitrobenzene-d5
Concen: 73.89 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion: 82 Resp: 804575
Ion Ratio Lower Upper
82 100
128 41.8 31.8 47.6
54 65.4 49.1 73.7

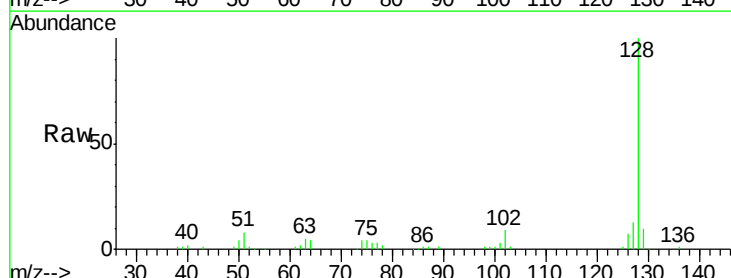


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

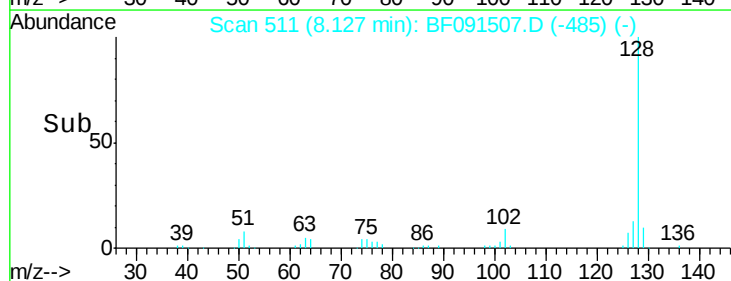
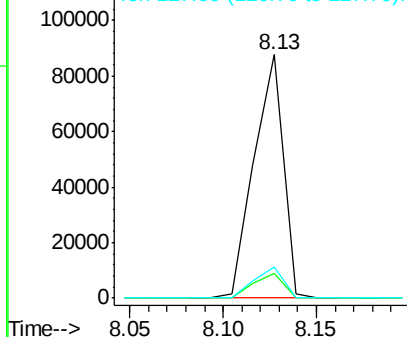


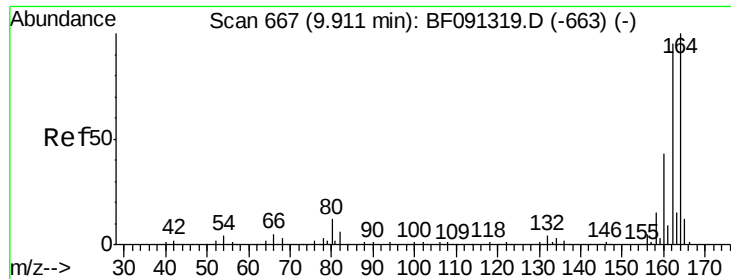
#31
Naphthalene
Concen: 3.28 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Tgt Ion: 128 Resp: 95213
Ion Ratio Lower Upper
128 100
129 10.2 9.1 13.7
127 13.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

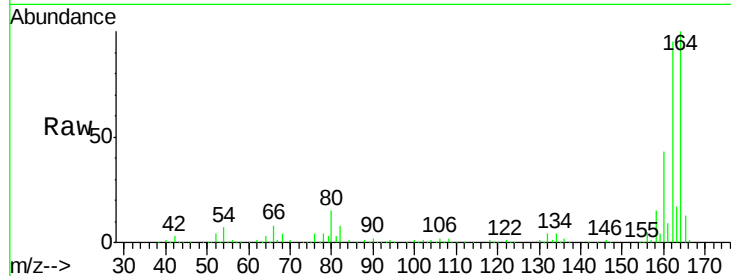




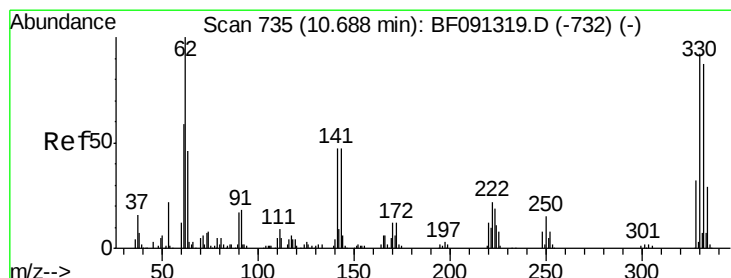
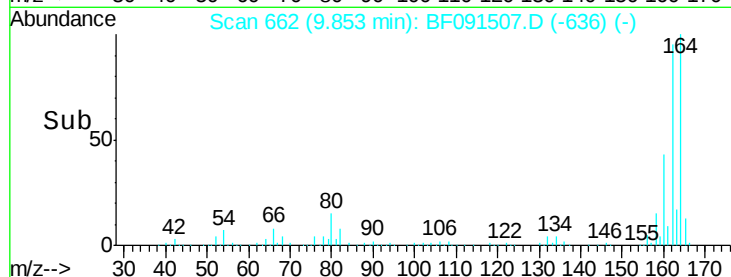
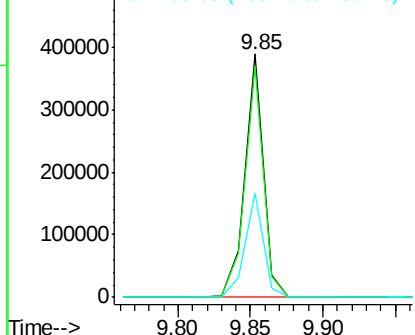
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion:164 Resp: 344208
Ion Ratio Lower Upper
164 100
162 94.9 82.6 124.0
160 43.0 36.7 55.1

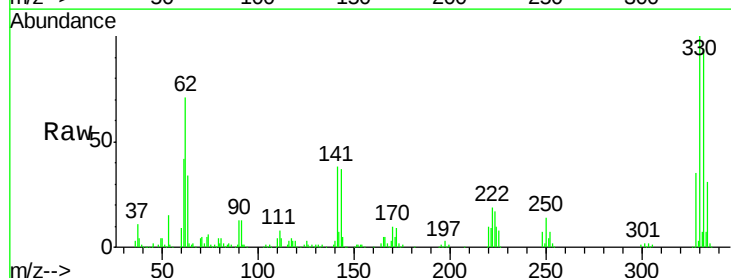


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

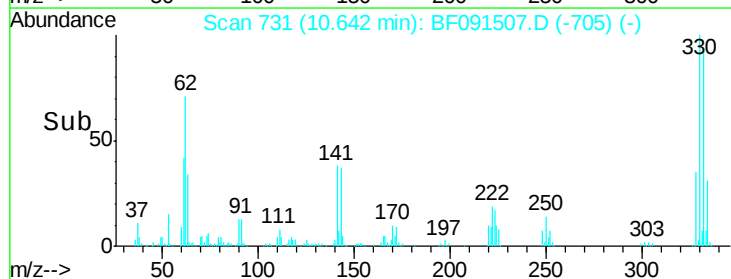
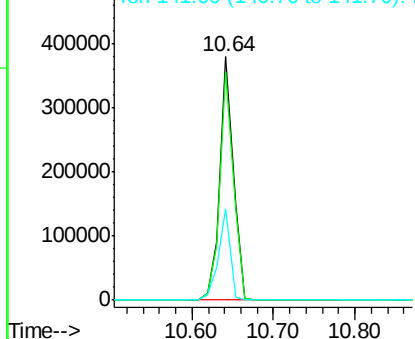


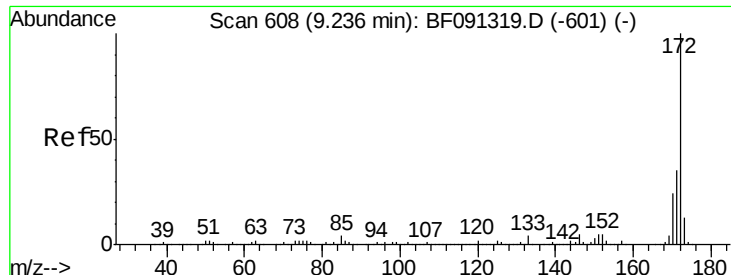
#41
2,4,6-Tribromophenol
Concen: 134.33 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Tgt Ion:330 Resp: 437725
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 32.3 33.6 50.4#



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

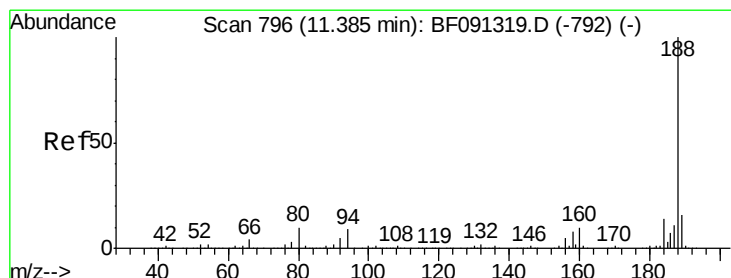
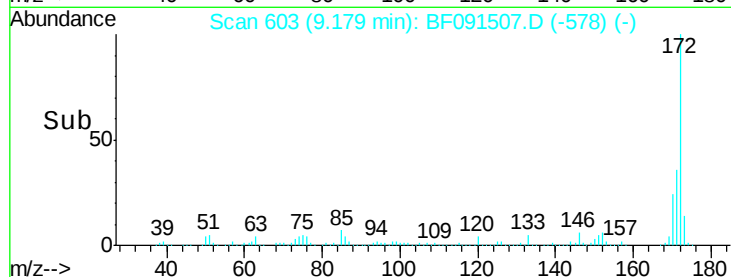
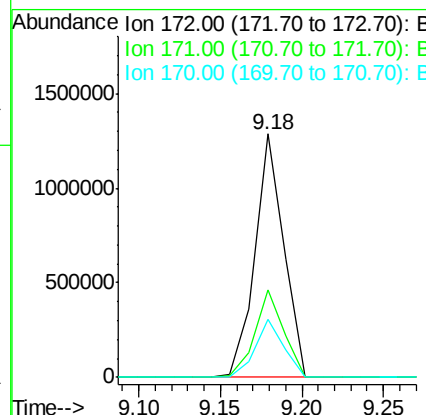
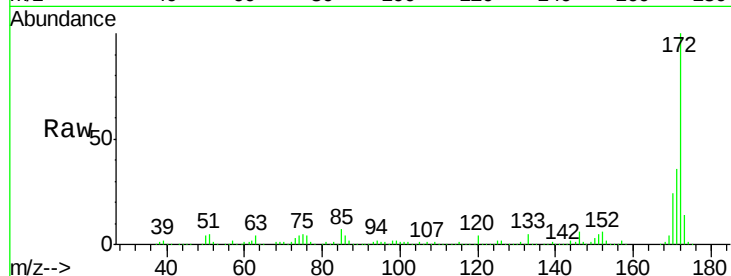




#44
 2-Fluorobiphenyl
 Concen: 82.65 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091507.D
 Acq: 8 Dec 2016 17:25

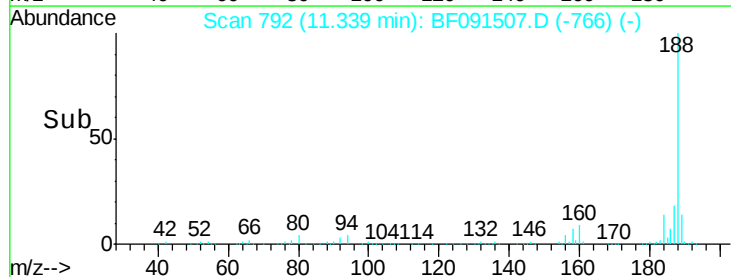
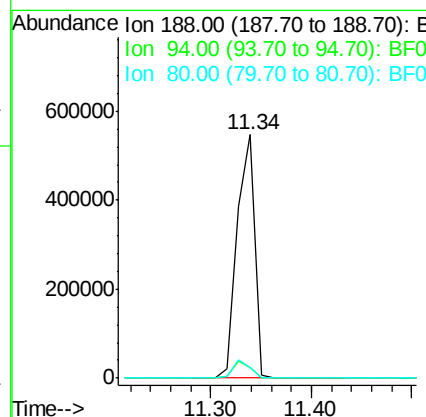
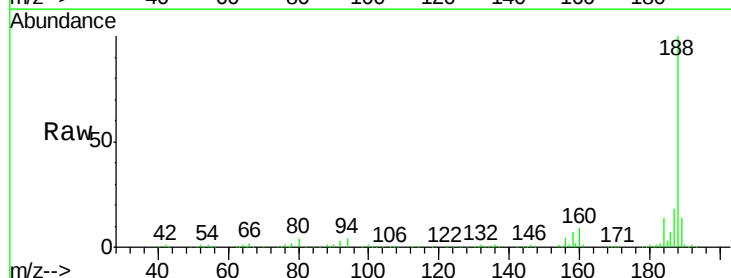
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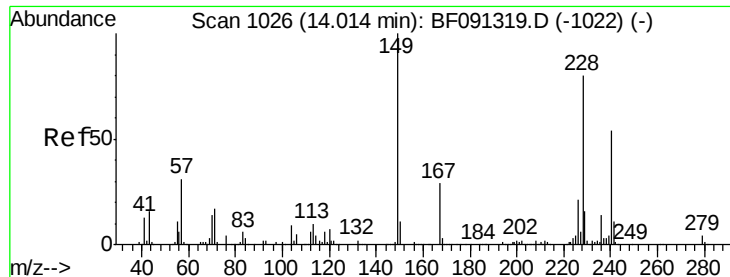
Tgt Ion:172 Resp: 1571149
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.8 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF091507.D
 Acq: 8 Dec 2016 17:25

Tgt Ion:188 Resp: 663999
 Ion Ratio Lower Upper
 188 100
 94 4.4 9.2 13.8#
 80 4.5 10.5 15.7#

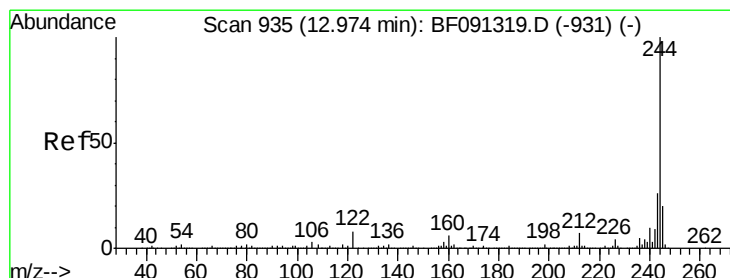
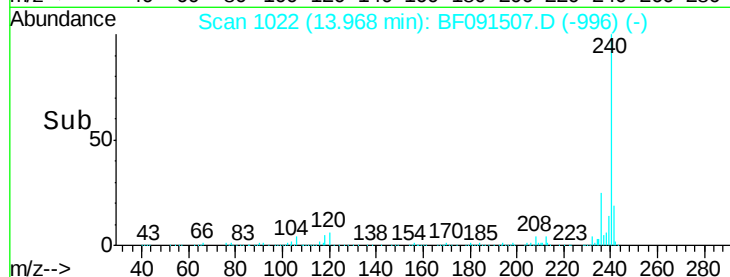
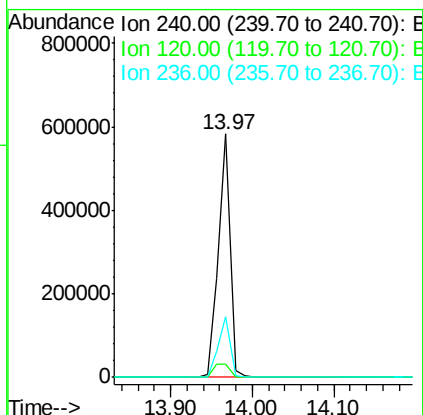
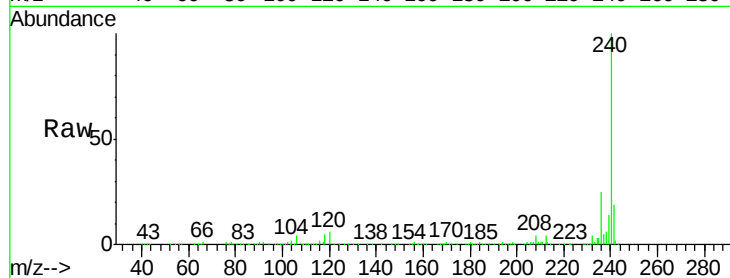




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

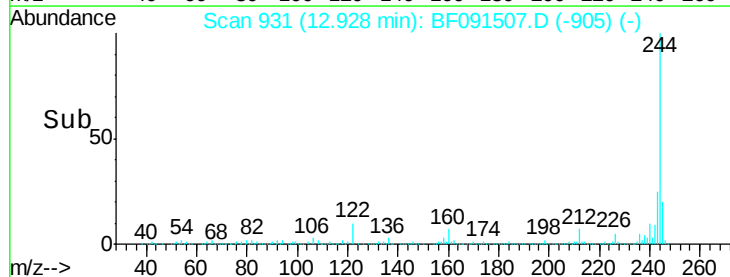
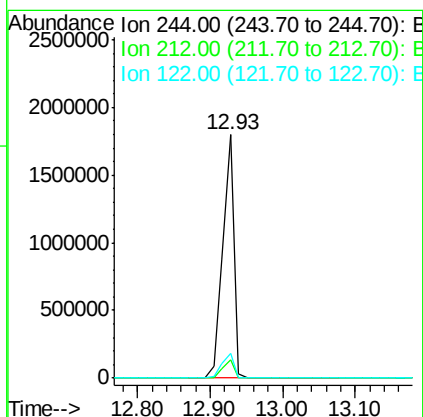
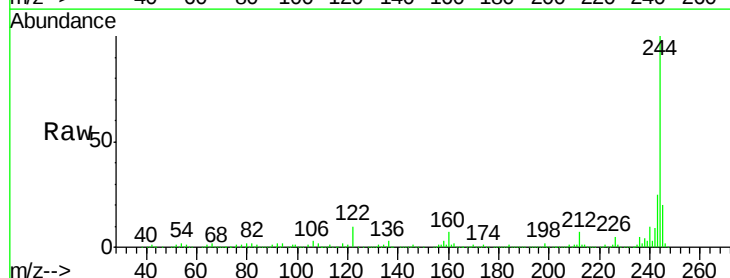
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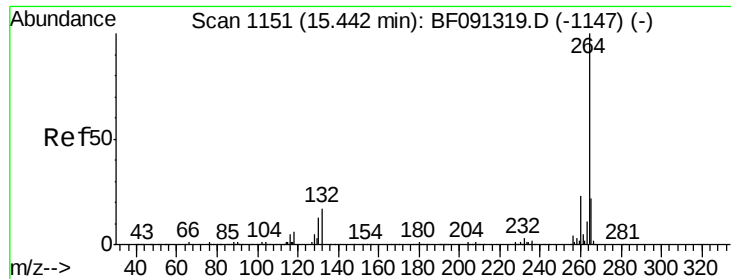
Tgt Ion:240 Resp: 584591
Ion Ratio Lower Upper
240 100
120 5.5 12.1 18.1#
236 25.1 21.0 31.6



#78
Terphenyl-d14
Concen: 71.69 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Tgt Ion:244 Resp: 1928105
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 10.1 9.5 14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	29.2	18.8	28.2#
265	21.0	17.0	25.6

