

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091506.D
 Acq On : 8 Dec 2016 16:58
 Operator : UM/SJ
 Sample : H5867-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Quant Time: Dec 09 00:23:04 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	202569m	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	791774	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	314880	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	831096	20.00	ng	0.00
75) Chrysene-d12	13.97	240	436593	20.00	ng	0.00
86) Perylene-d12	15.37	264	31191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1186063	95.65	ng	0.02
7) Phenol-d6	6.46	99	1403457	91.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	1175060	83.17	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	503060	168.76	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1795103	103.22	ng	-0.01
78) Terphenyl-d14	12.93	244	2218687	110.45	ng	0.00

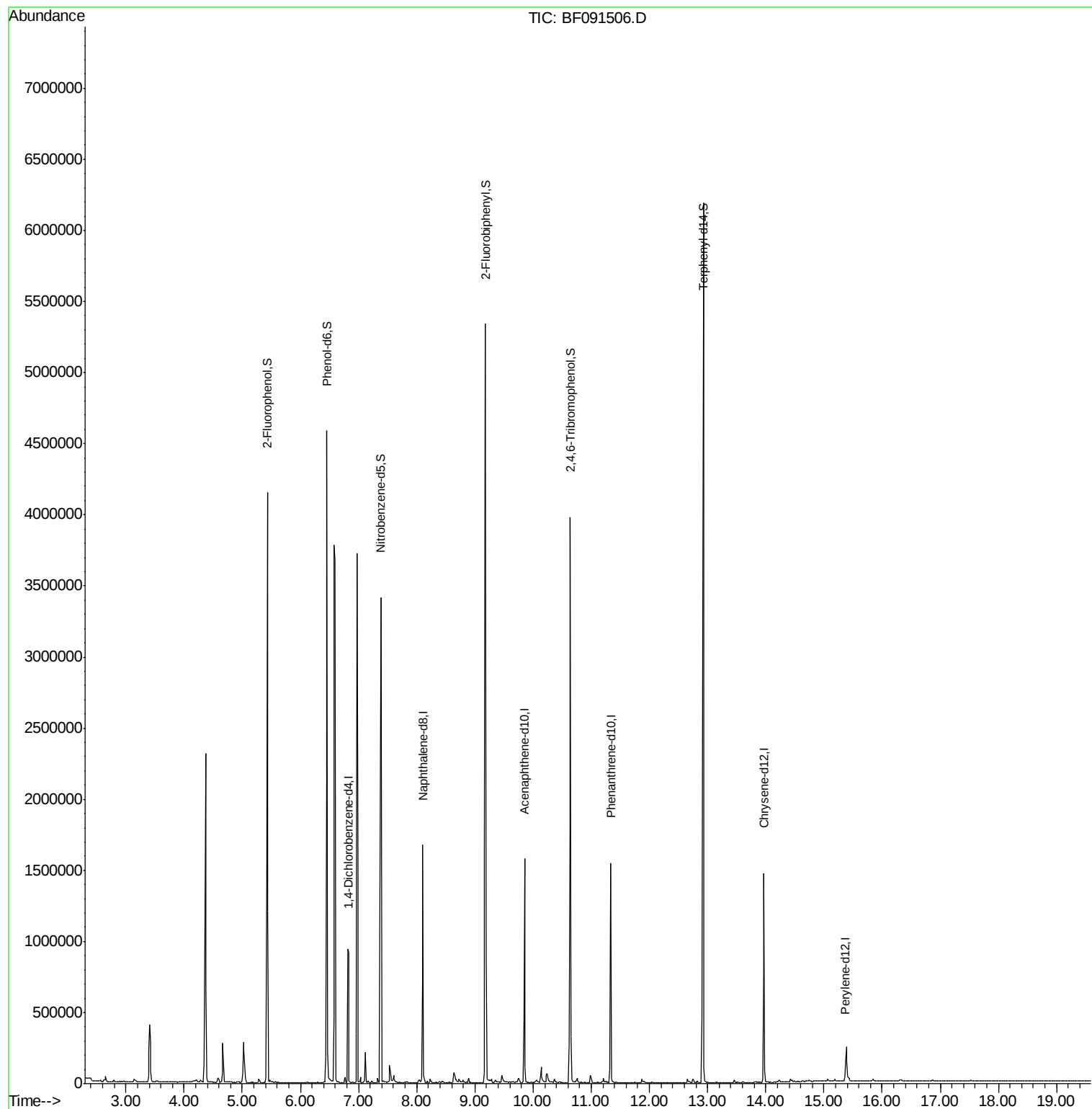
Target Compounds	Qvalue
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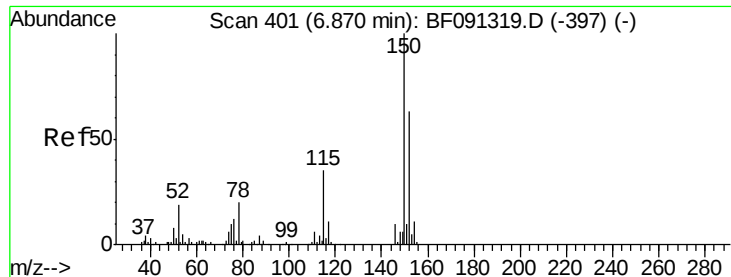
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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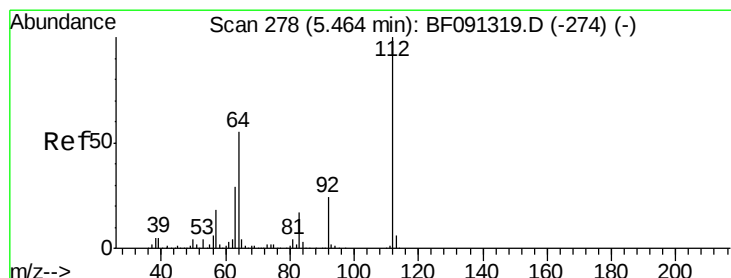
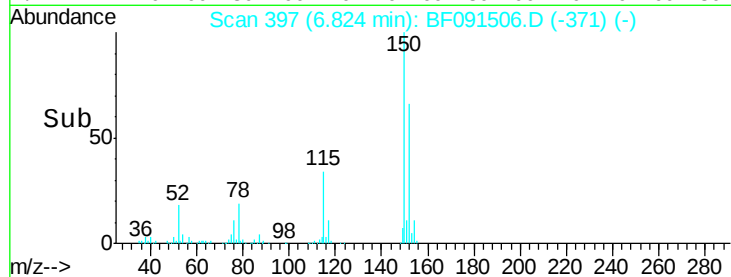
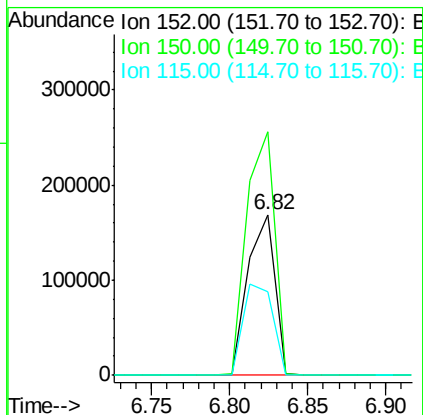
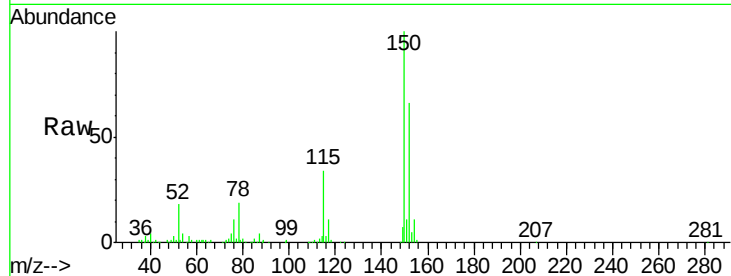


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-05-01

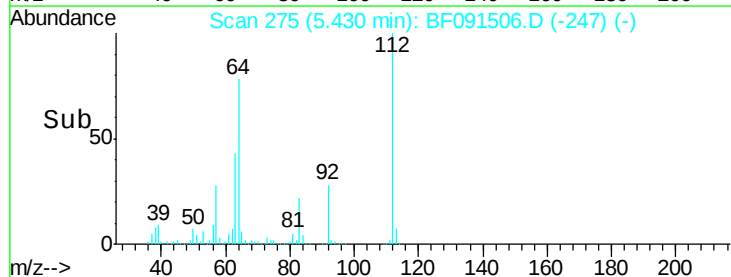
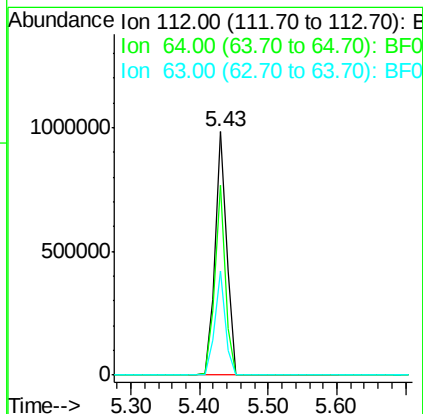
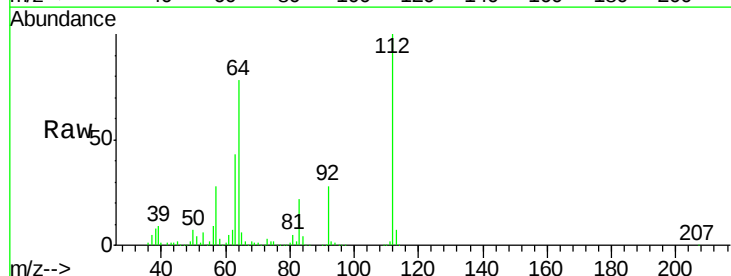
Tgt Ion:152 Resp: 202569
Ion Ratio Lower Upper
152 100
150 151.5 122.5 183.7
115 51.8 51.8 77.8#

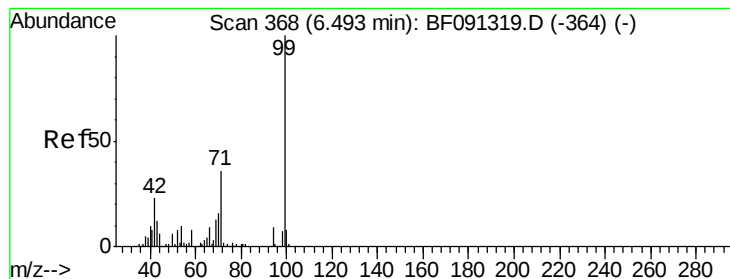


#5

2-Fluorophenol
Concen: 95.65 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

Tgt Ion:112 Resp: 1186063
Ion Ratio Lower Upper
112 100
64 77.8 61.5 92.3
63 42.8 33.3 49.9





#7

Phenol-d6

Concen: 91.94 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

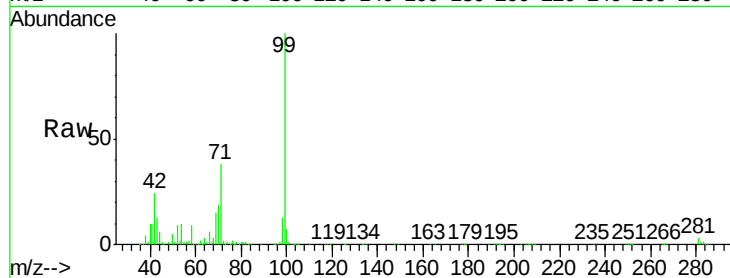
Tgt Ion: 99 Resp: 1403457

Ion Ratio Lower Upper

99 100

42 24.4 20.6 31.0

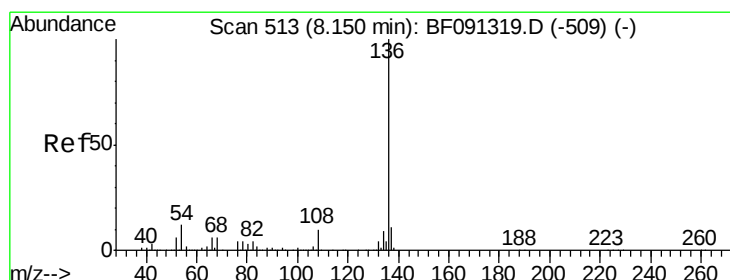
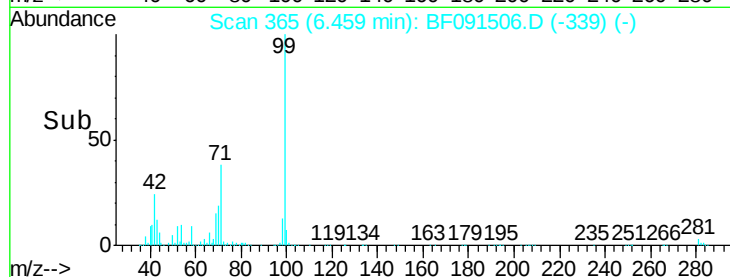
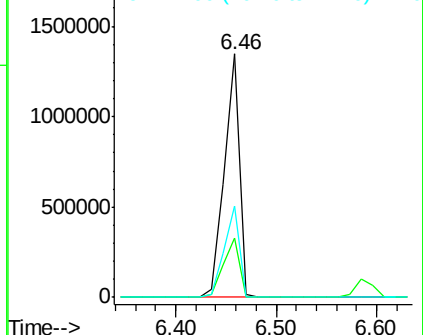
71 37.6 29.9 44.9



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: BF091506.D

Acq: 8 Dec 2016 16:58

Tgt Ion: 136 Resp: 791774

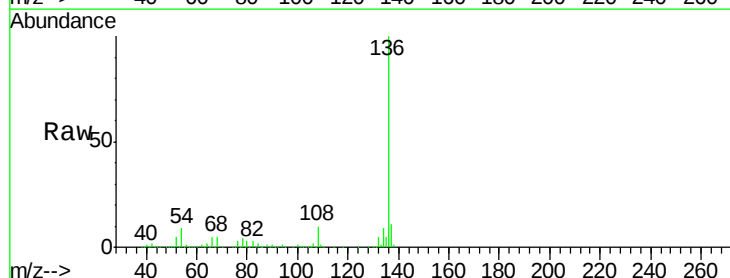
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.4 9.1 13.7

68 4.6 5.9 8.9#

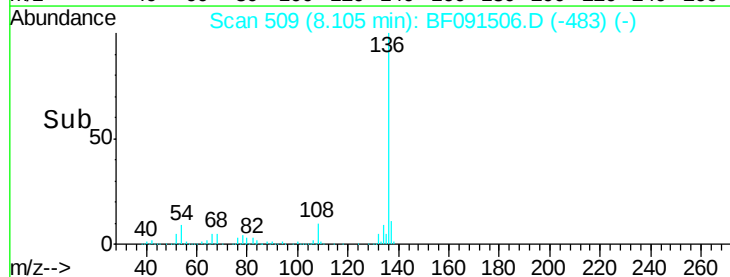
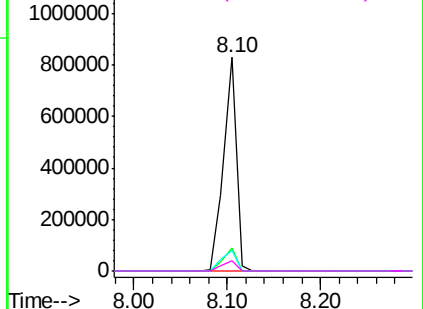


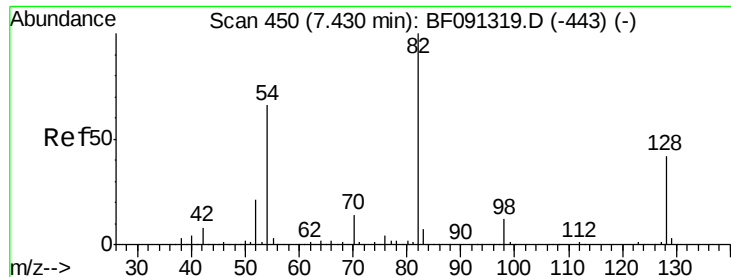
Abundance Ion 136.00 (135.70 to 136.70): E

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

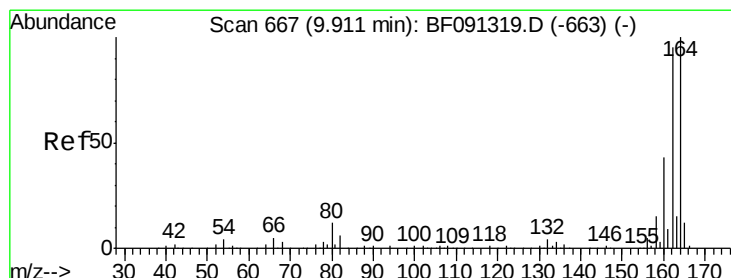
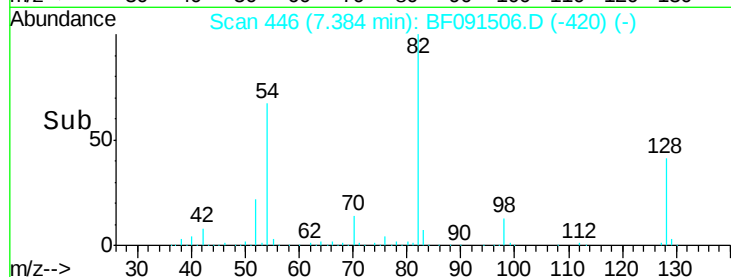
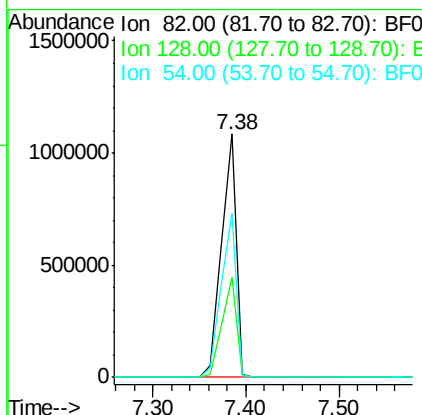
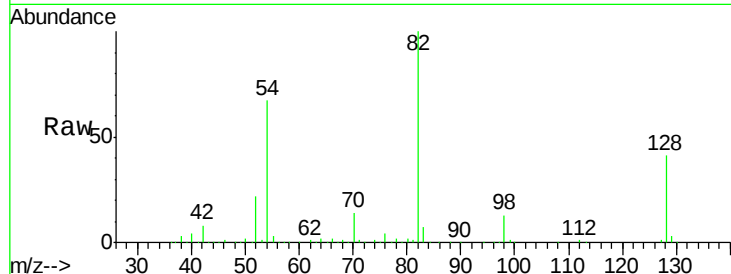




#23
 Nitrobenzene-d5
 Concen: 83.17 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

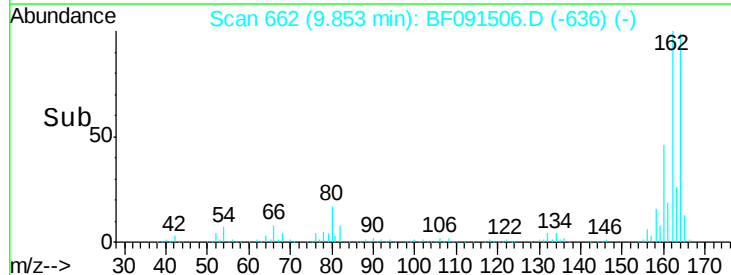
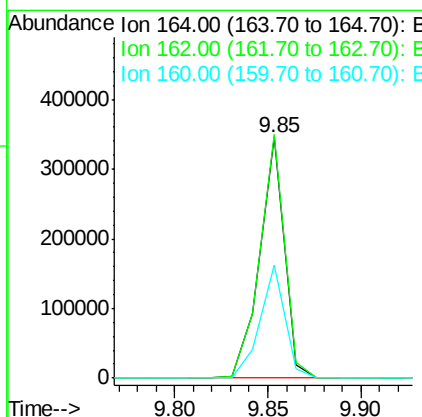
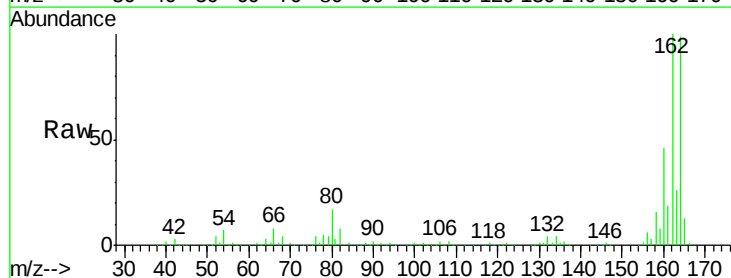
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

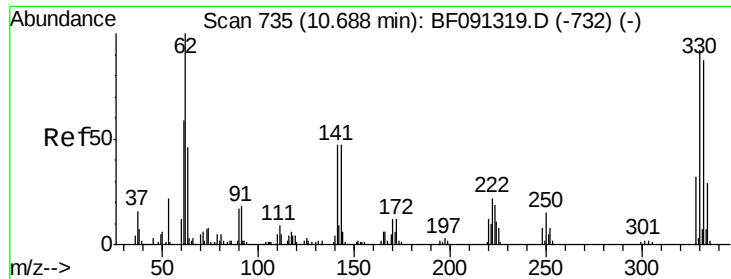
Tgt Ion: 82 Resp: 1175060
 Ion Ratio Lower Upper
 82 100
 128 41.3 31.8 47.6
 54 67.3 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

Tgt Ion: 164 Resp: 314880
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 124.0
 160 46.8 36.7 55.1

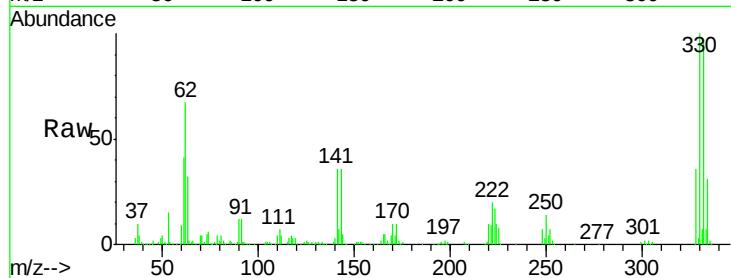




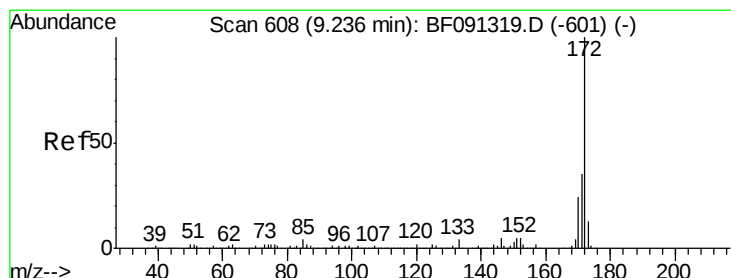
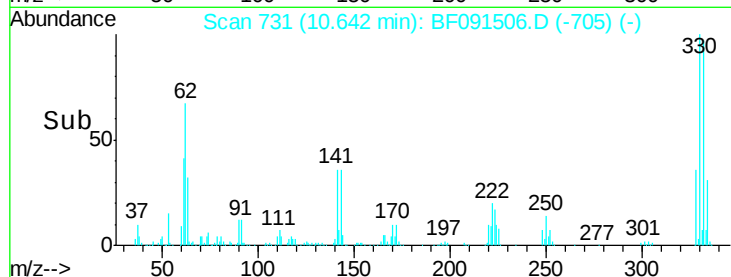
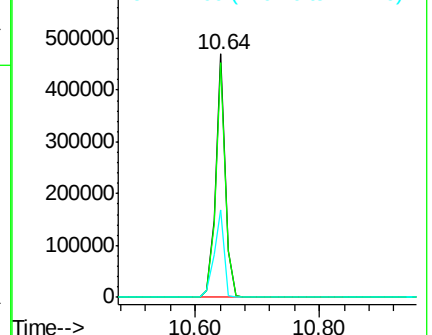
#41
 2,4,6-Tribromophenol
 Concen: 168.76 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Tgt Ion:330 Resp: 503060
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 37.0 33.6 50.4

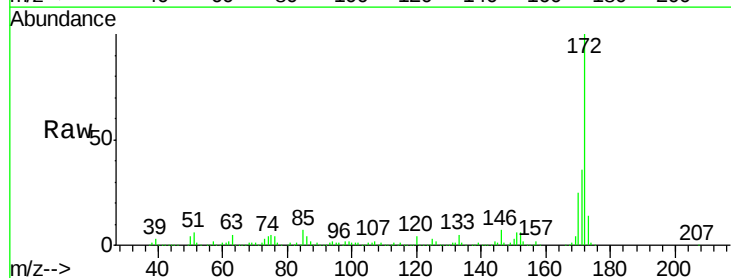


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

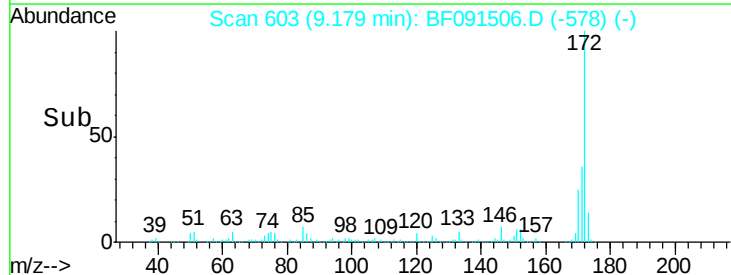
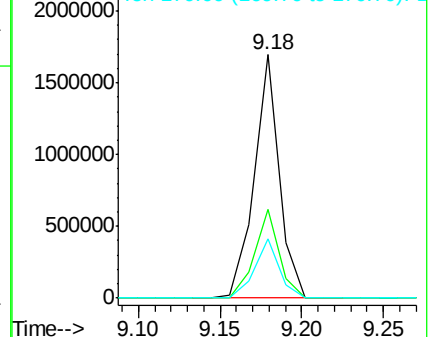


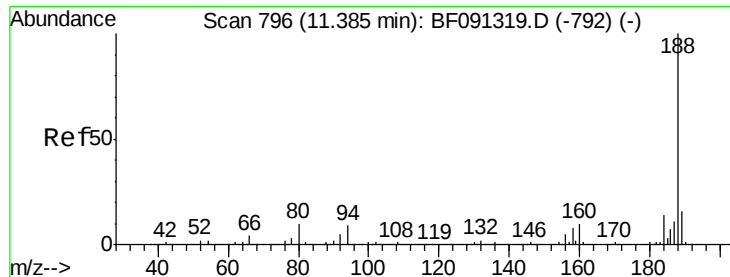
#44
 2-Fluorobiphenyl
 Concen: 103.22 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

Tgt Ion:172 Resp: 1795103
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 19.7 29.5



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

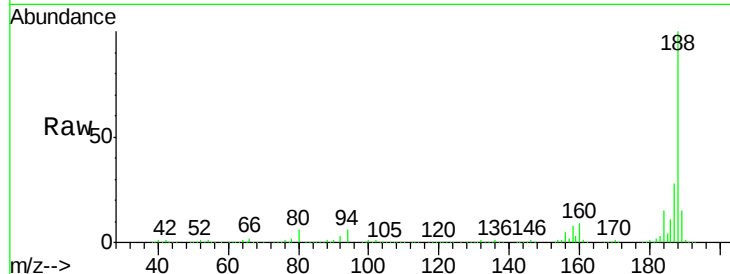




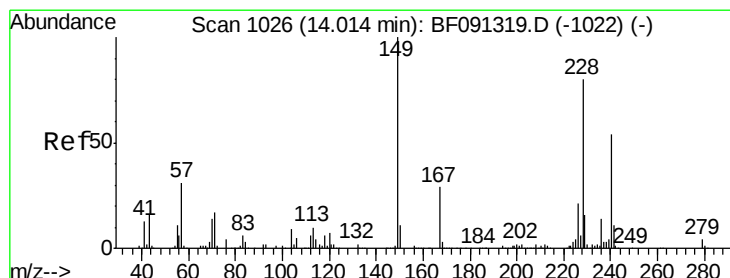
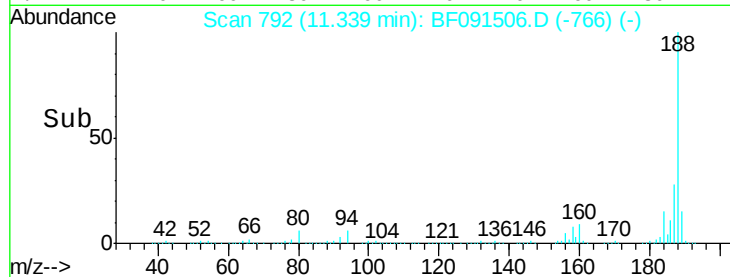
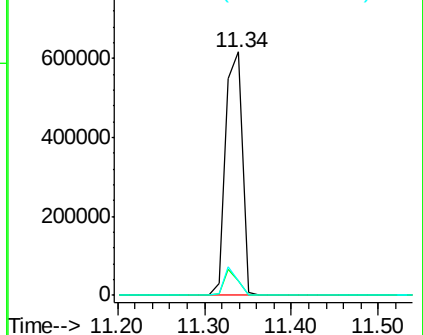
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-05-01

Tgt Ion:188 Resp: 831096
Ion Ratio Lower Upper
188 100
94 5.7 9.2 13.8#
80 5.9 10.5 15.7#

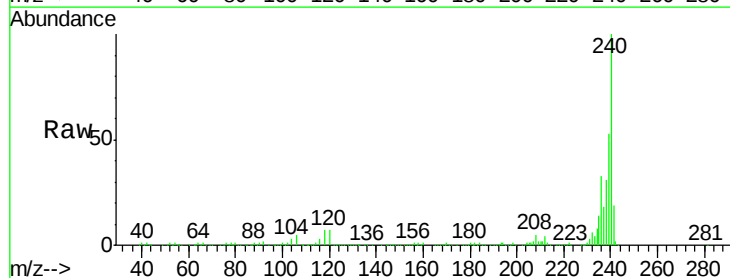


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

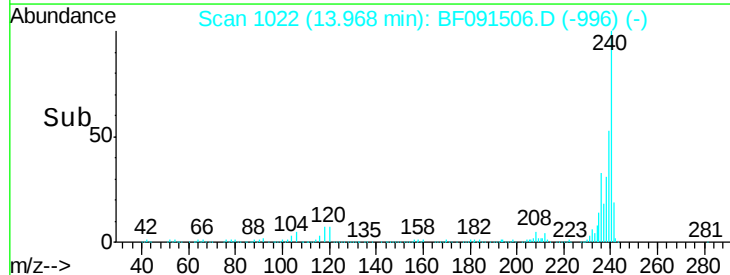
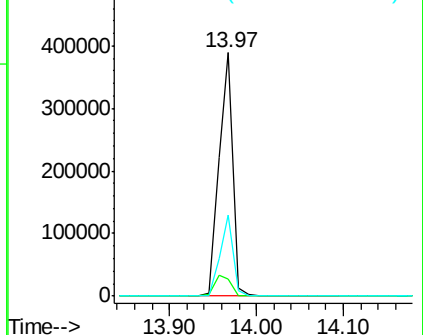


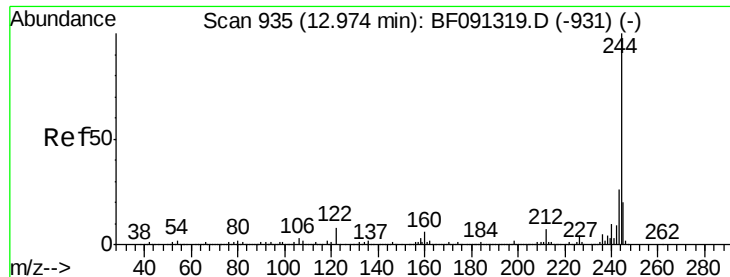
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

Tgt Ion:240 Resp: 436593
Ion Ratio Lower Upper
240 100
120 7.2 12.1 18.1#
236 33.2 21.0 31.6#



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: 110.45 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

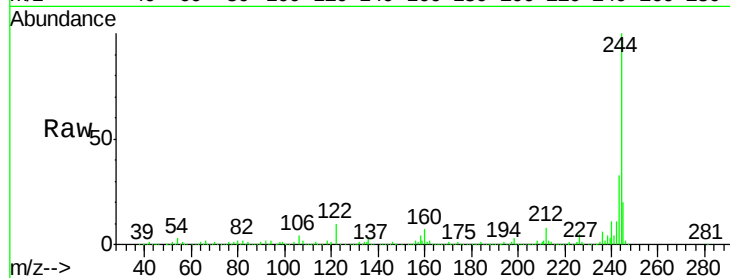
Tgt Ion:244 Resp: 2218687

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

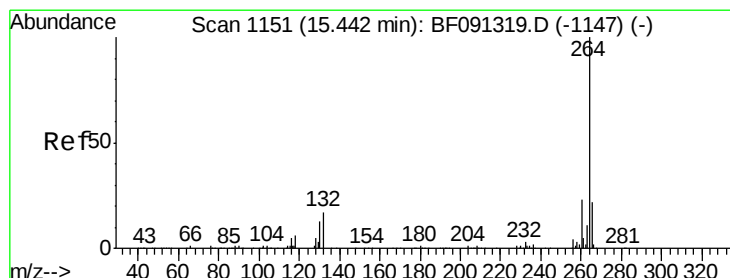
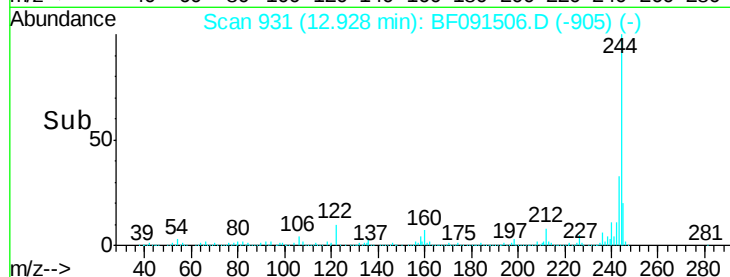
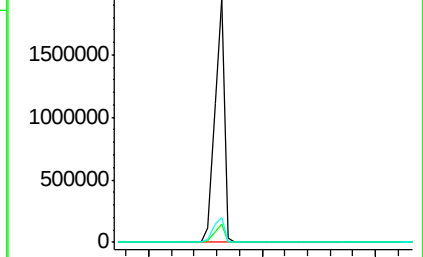
122 10.2 9.5 14.3



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: 20.00 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

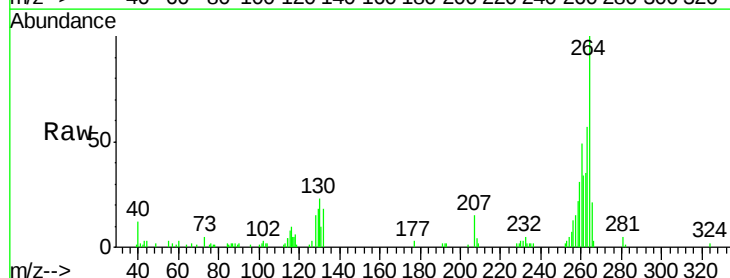
Tgt Ion:264 Resp: 31191

Ion Ratio Lower Upper

264 100

260 49.3 18.8 28.2#

265 21.1 17.0 25.6



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

