

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 00:07:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

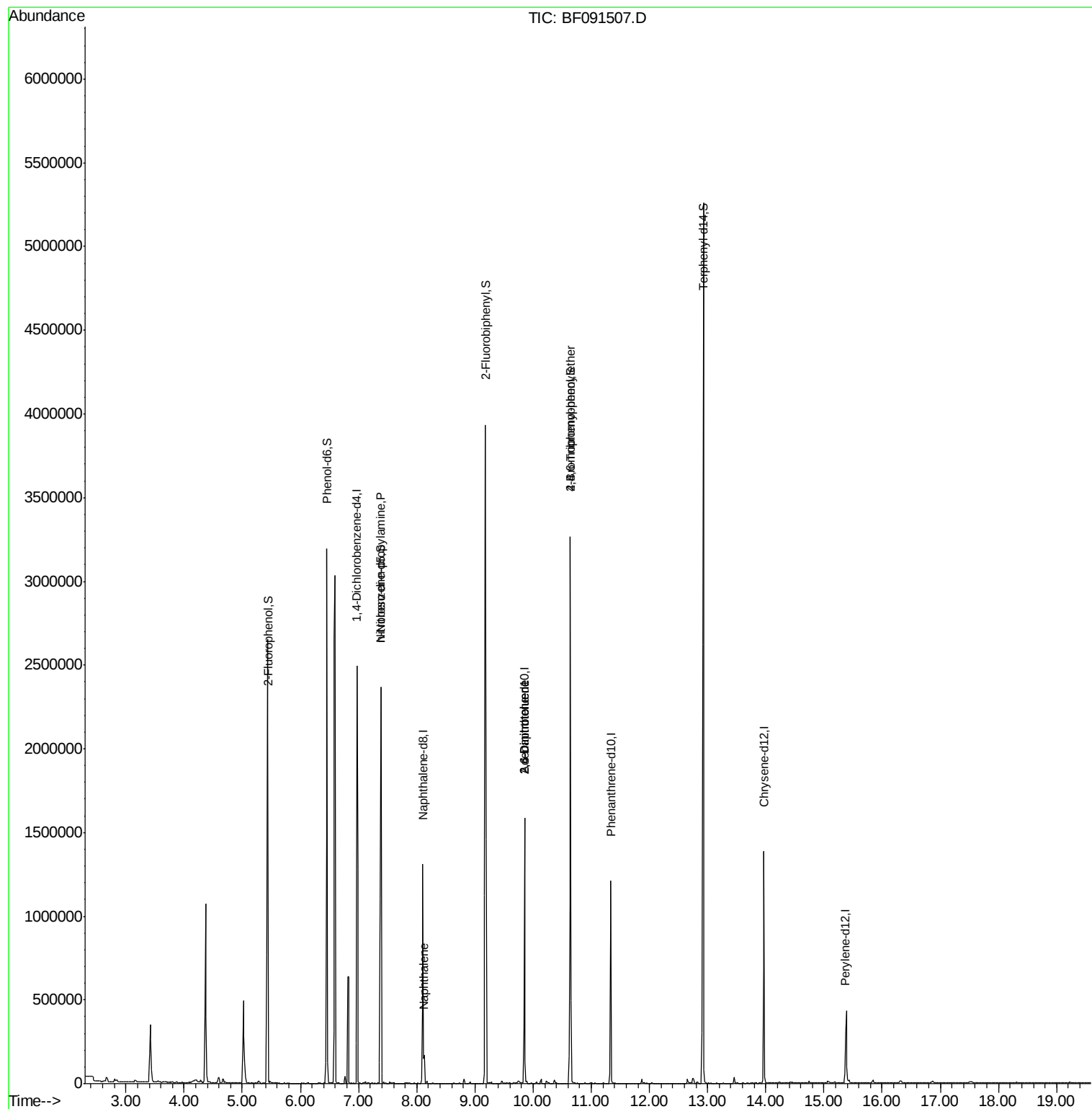
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	447970	20.00	ng	0.10
21) Naphthalene-d8	8.10	136	610221	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	344208	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	663999	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	584591	20.00	ng	-0.07
86) Perylene-d12	15.37	264	121489	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1014472	36.99	ng	-0.03
7) Phenol-d6	6.46	99	1070786	31.72	ng	-0.04
23) Nitrobenzene-d5	7.38	82	804575	73.89	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	437725	134.33	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1571149	82.65	ng	-0.06
78) Terphenyl-d14	12.93	244	1928105	71.69	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	113268	5.33	ng	# 72
31) Naphthalene	8.13	128	95213	3.28	ng	98
50) 2,6-Dinitrotoluene	9.85	165	44075	9.46	ng	# 16
56) 2,4-Dinitrotoluene	9.85	165	44067	7.29	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	25618	3.59	ng	# 1

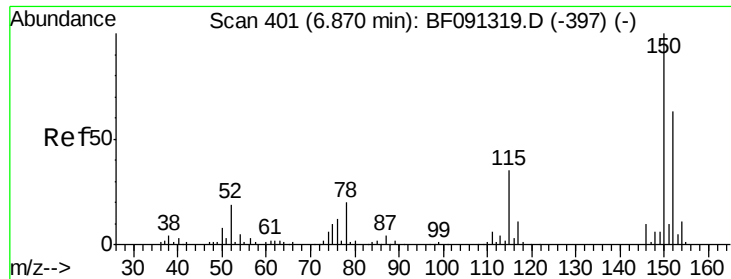
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:07:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.10 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

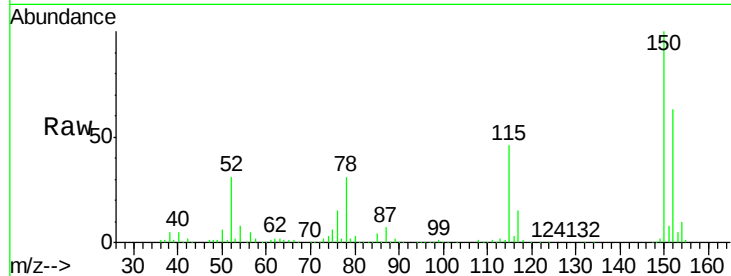
Tgt Ion:152 Resp: 447970

Ion Ratio Lower Upper

152 100

150 158.4 122.5 183.7

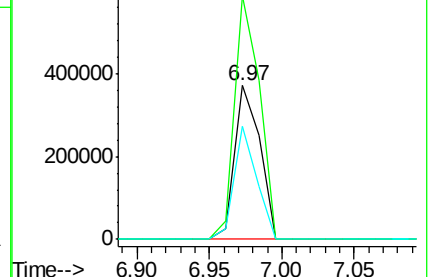
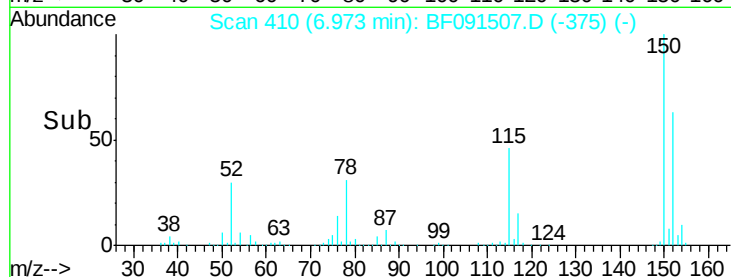
115 73.3 51.8 77.8



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: 36.99 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

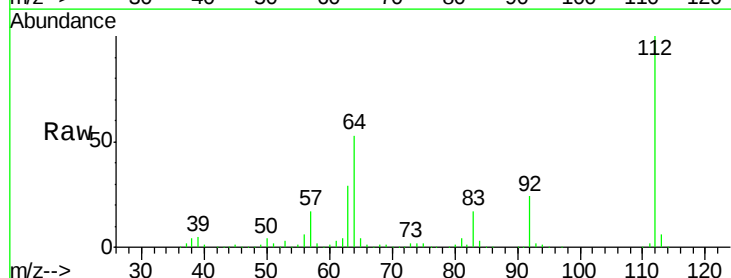
Tgt Ion:112 Resp: 1014472

Ion Ratio Lower Upper

112 100

64 53.2 61.5 92.3#

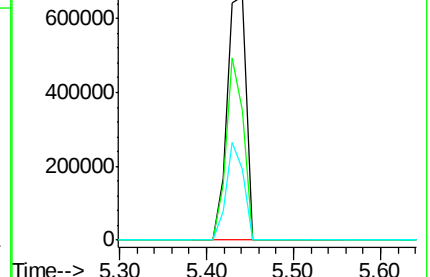
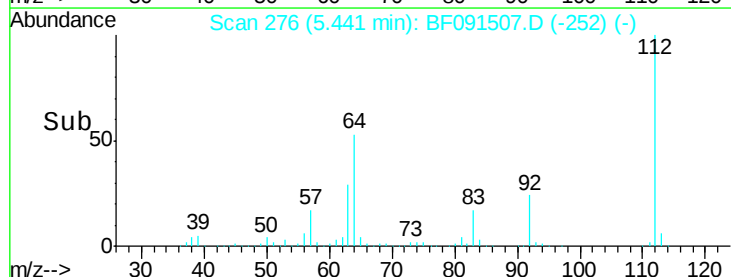
63 29.0 33.3 49.9#

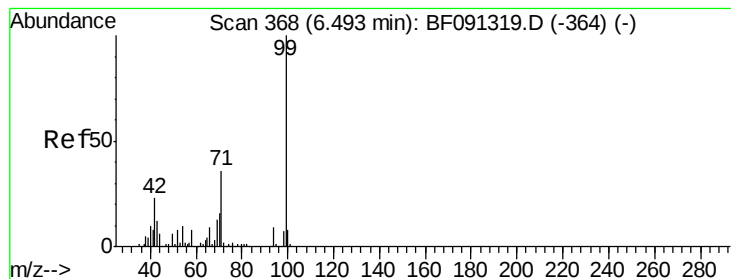


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.72 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

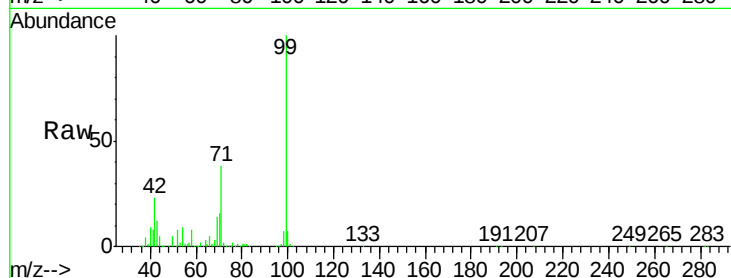
Tgt Ion: 99 Resp: 1070786

Ion Ratio Lower Upper

99 100

42 23.3 20.6 31.0

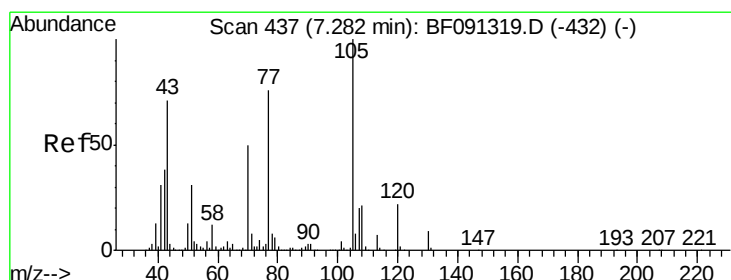
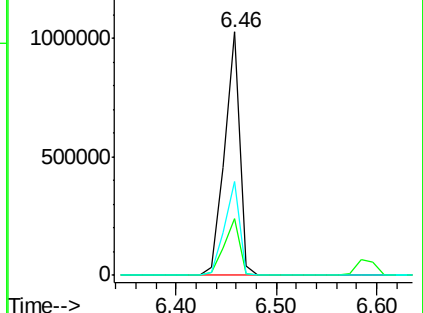
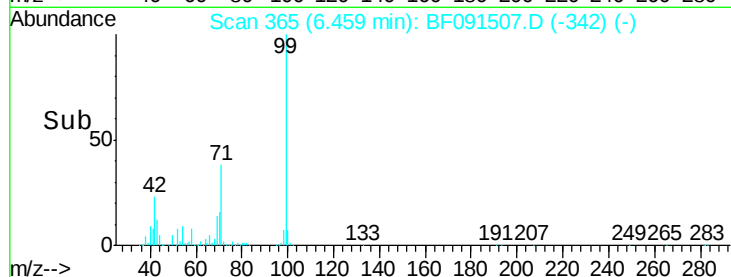
71 38.3 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.33 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.09 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Tgt Ion: 70 Resp: 113268

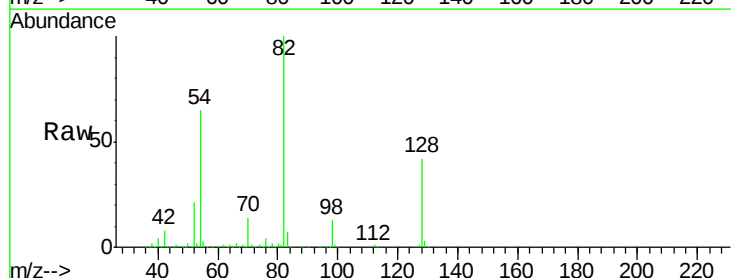
Ion Ratio Lower Upper

70 100

42 55.8 64.8 97.2#

101 0.0 6.2 9.4#

130 1.7 11.7 17.5#

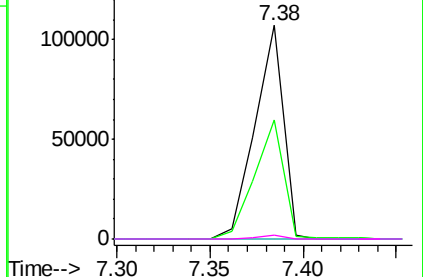
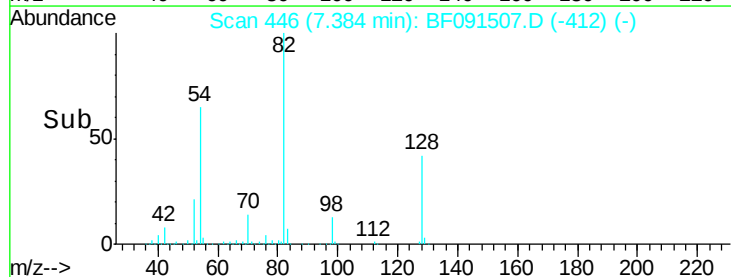


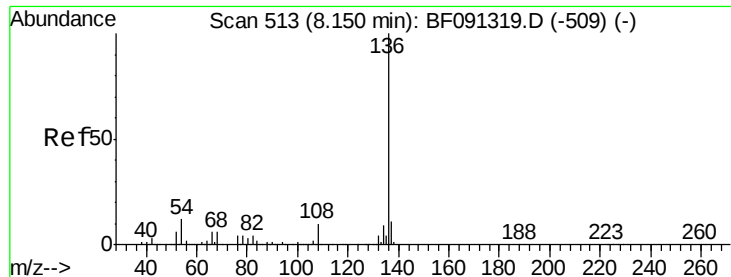
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

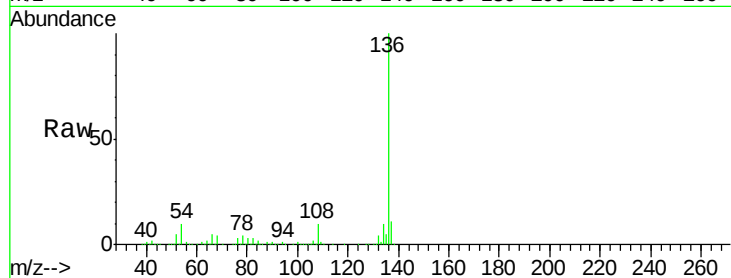
Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

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#

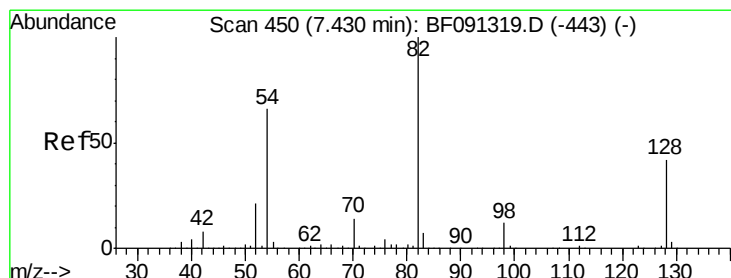
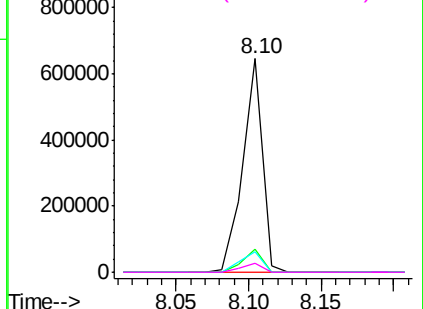
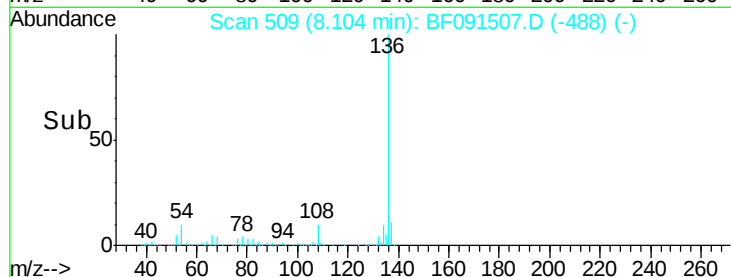


Abundance Ion 136.00 (135.70 to 136.70): E

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

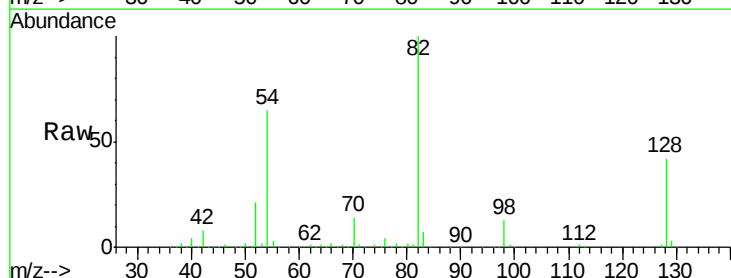
RT: 7.38 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

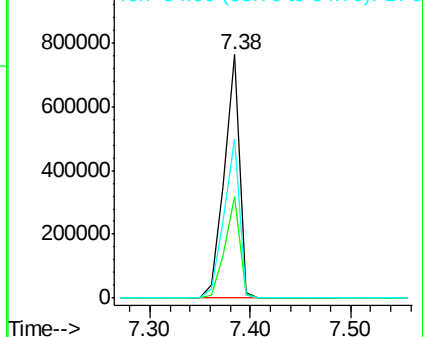
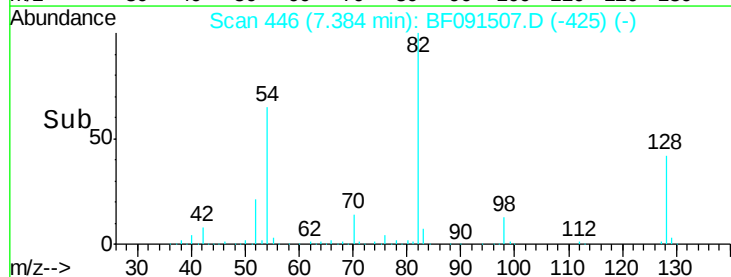
Tgt Ion:	82	Resp:	804575
Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.8	47.6
54	65.4	49.1	73.7

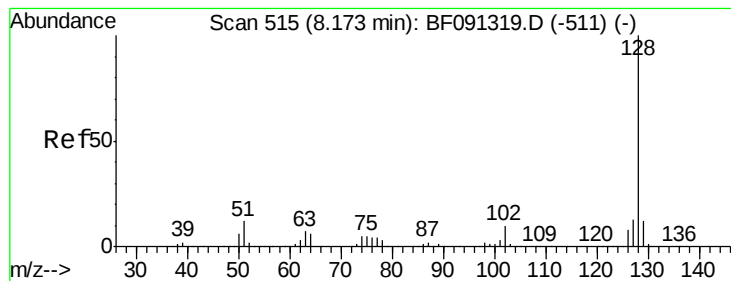


Abundance Ion 82.00 (81.70 to 82.70): BF0

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. -0.06 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

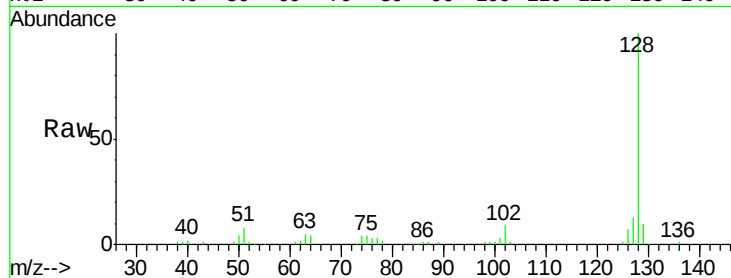
Tgt Ion:128 Resp: 95213

Ion Ratio Lower Upper

128 100

129 10.2 9.1 13.7

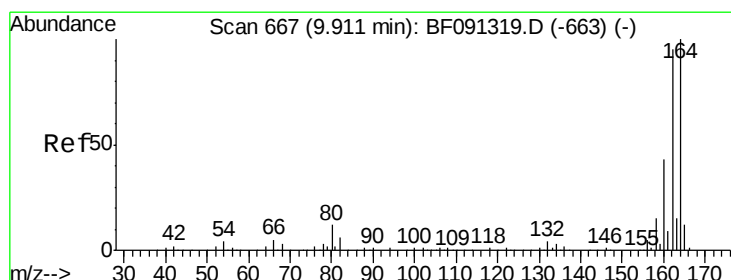
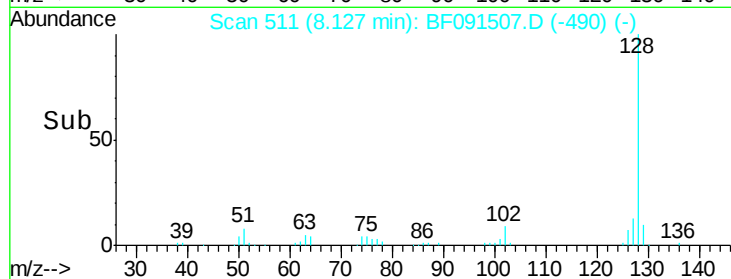
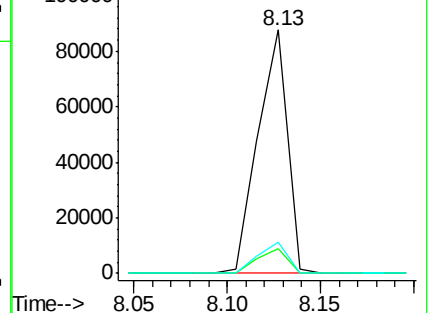
127 13.0 11.0 16.4



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. -0.06 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

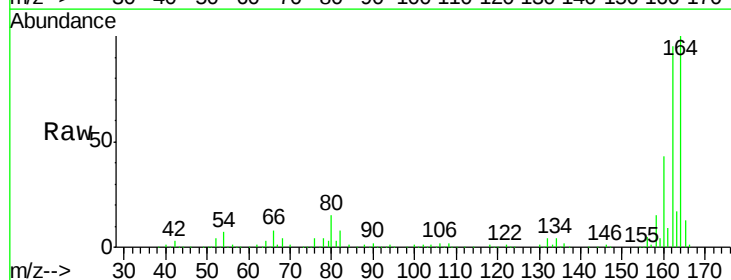
Tgt Ion:164 Resp: 344208

Ion Ratio Lower Upper

164 100

162 94.9 82.6 124.0

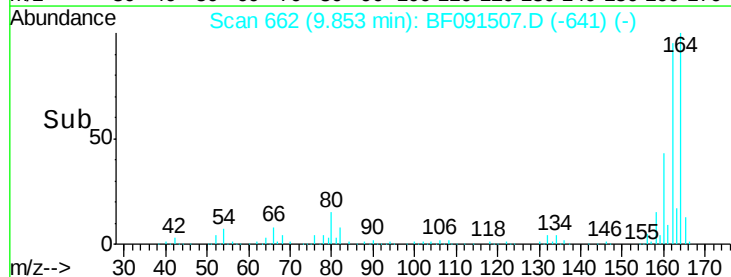
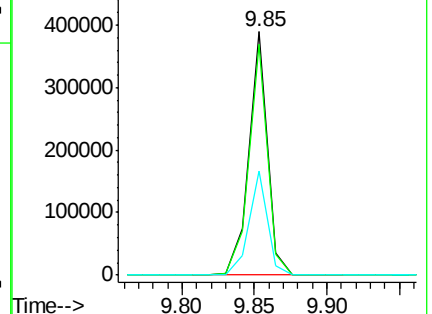
160 43.0 36.7 55.1

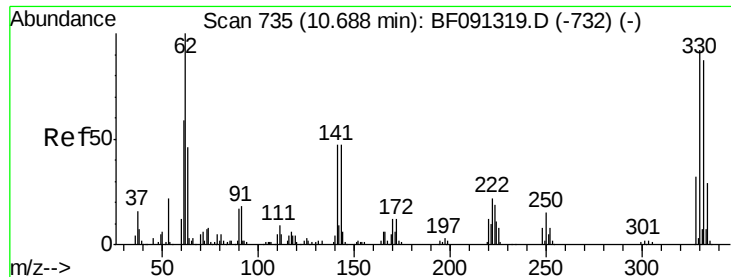


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

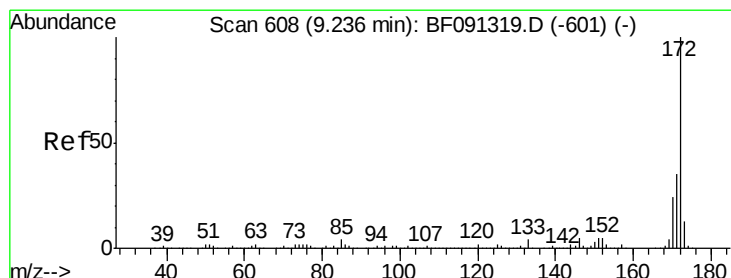
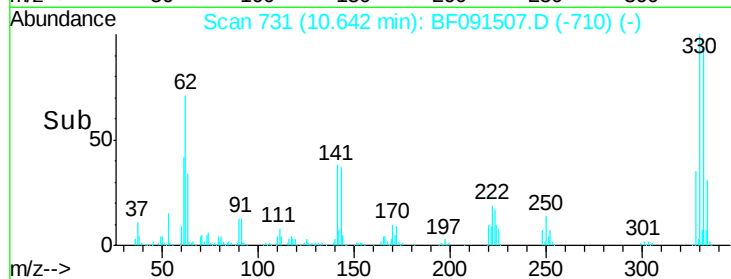
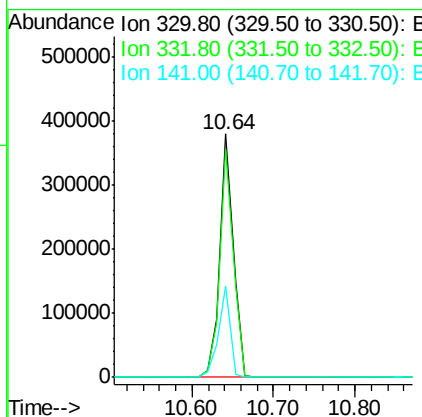
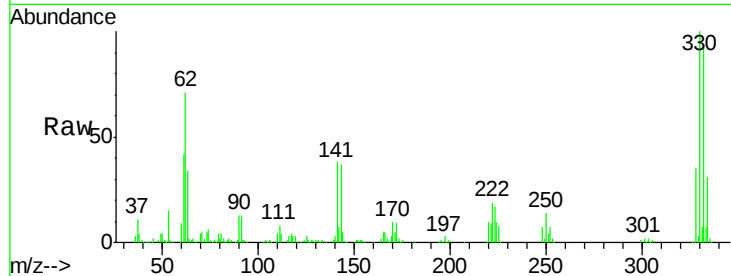




#41
 2,4,6-Tribromophenol
 Concen: 134.33 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091507.D
 Acq: 8 Dec 2016 17:25

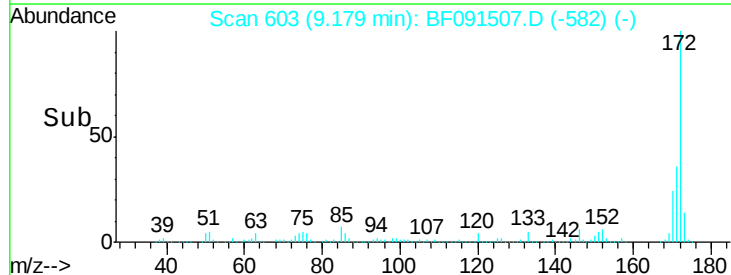
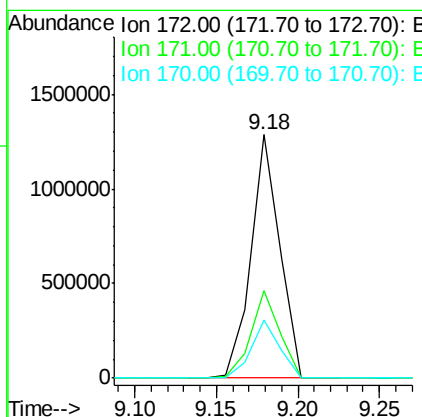
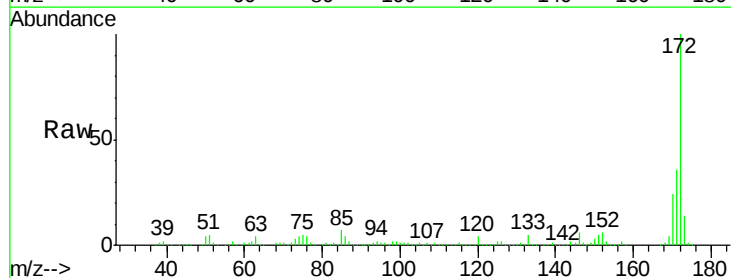
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

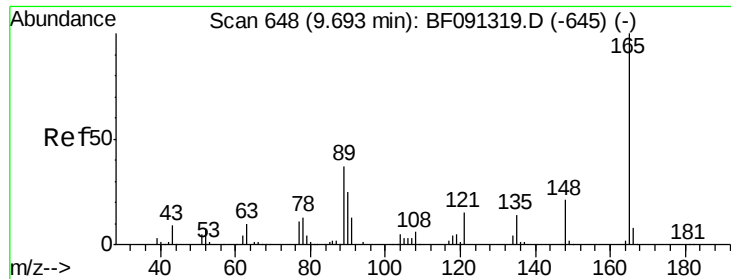
Tgt Ion:330 Resp: 437725
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.2 114.4
 141 32.3 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 82.65 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091507.D
 Acq: 8 Dec 2016 17:25

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

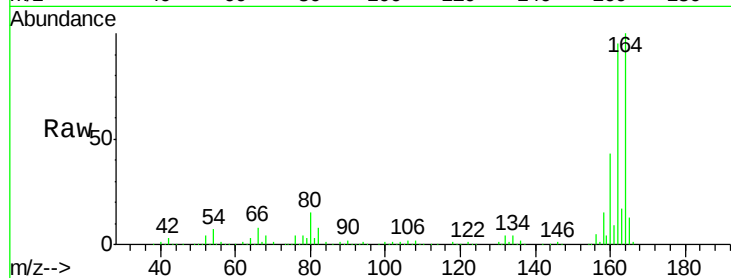




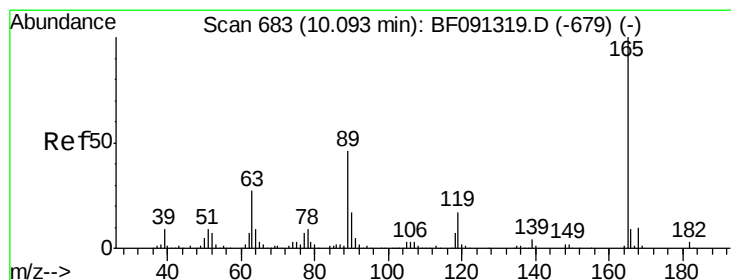
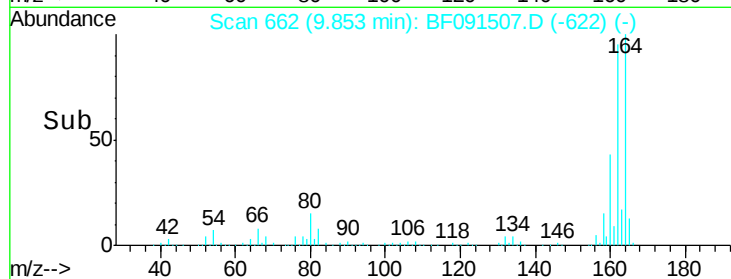
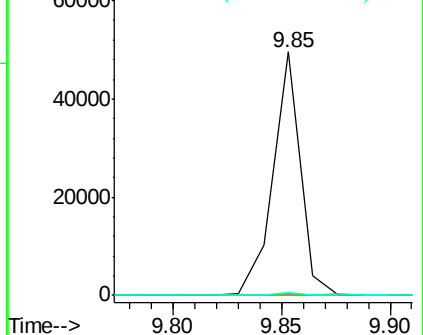
#50
2,6-Dinitrotoluene
Concen: 9.46 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

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

Tgt Ion:165 Resp: 44075
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.0#
89 1.2 50.8 76.2#

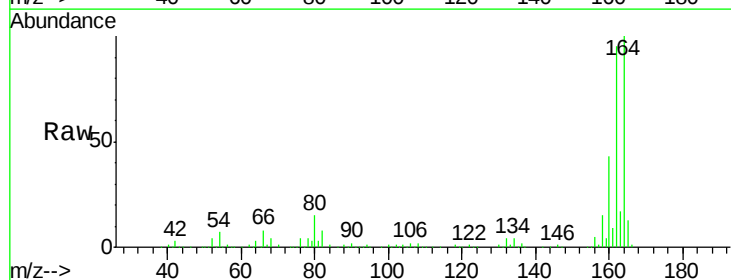


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

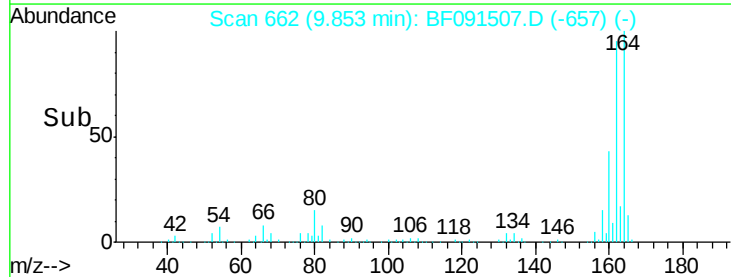
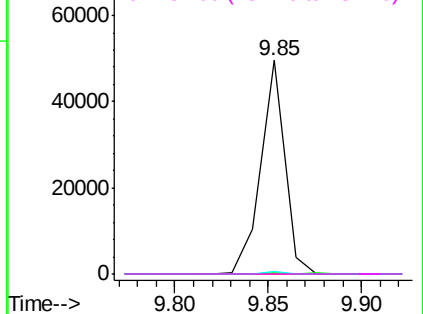


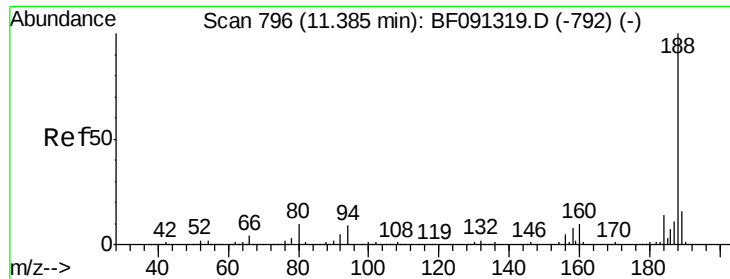
#56
2,4-Dinitrotoluene
Concen: 7.29 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Tgt Ion:165 Resp: 44067
Ion Ratio Lower Upper
165 100
63 0.8 29.0 43.4#
89 1.2 43.1 64.7#
182 0.0 1.9 2.9#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

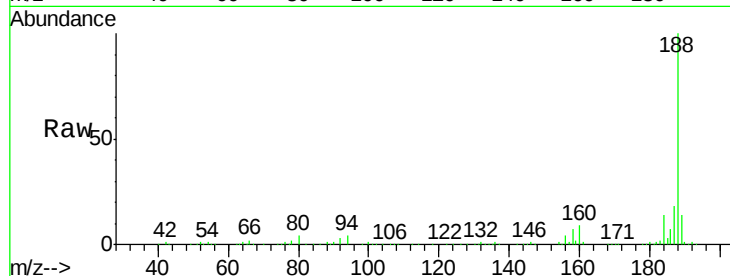




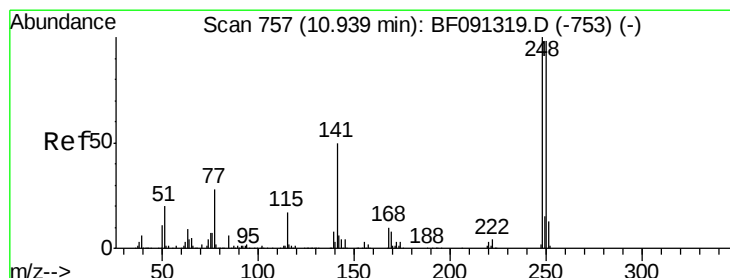
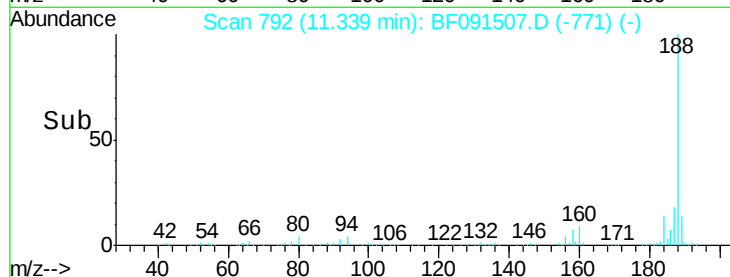
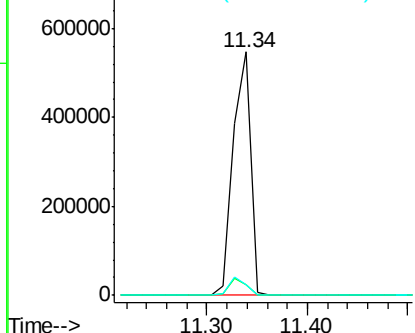
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

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

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#

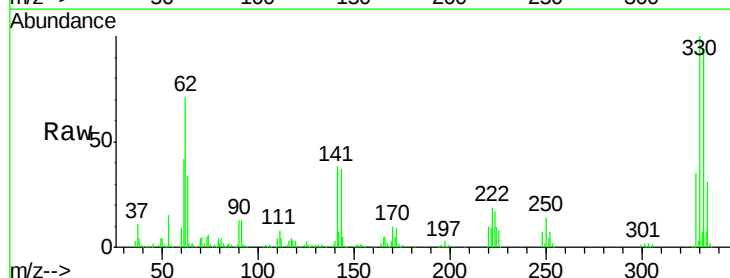


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

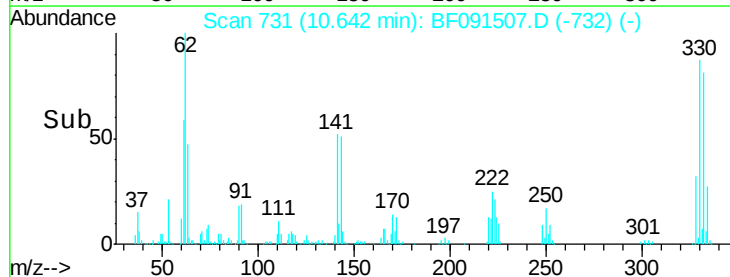
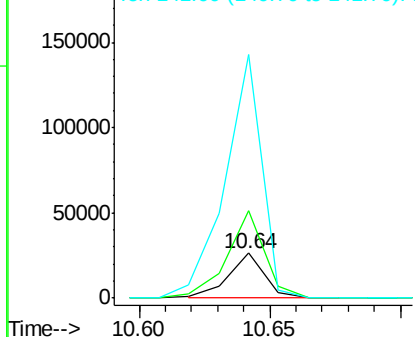


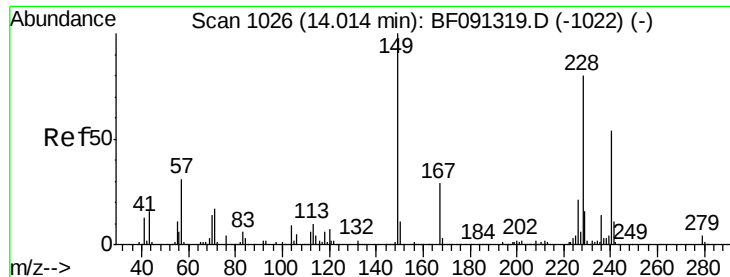
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

Tgt Ion:248 Resp: 25618
Ion Ratio Lower Upper
248 100
250 195.1 78.2 117.4#
141 540.2 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

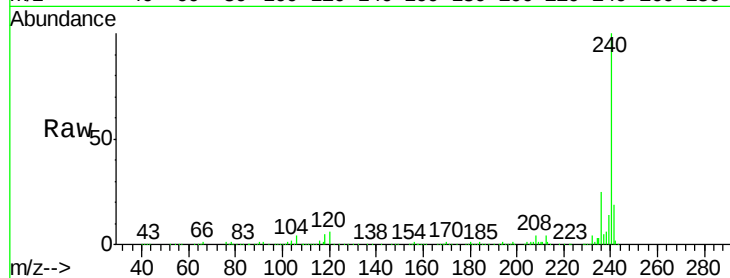
Tgt Ion:240 Resp: 584591

Ion Ratio Lower Upper

240 100

120 5.5 12.1 18.1#

236 25.1 21.0 31.6



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

800000

600000

400000

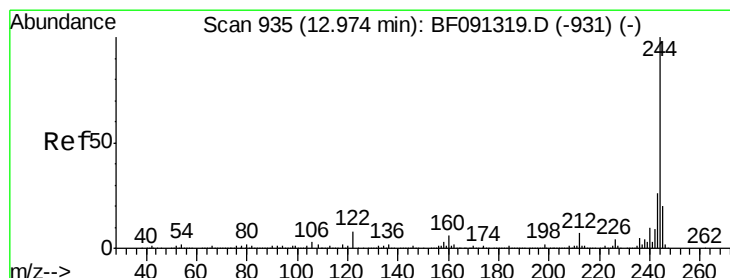
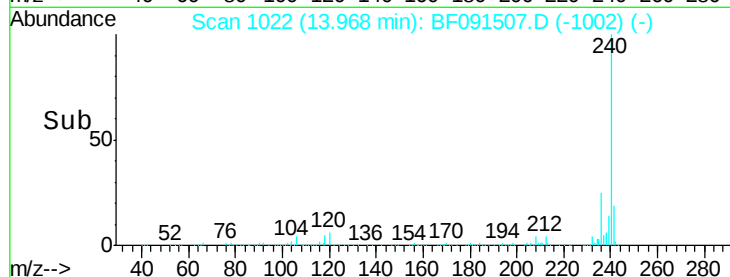
200000

0

13.97

13.90 14.00 14.10

Time-->



#78

Terphenyl-d14

Concen: 71.69 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091507.D

Acq: 8 Dec 2016 17:25

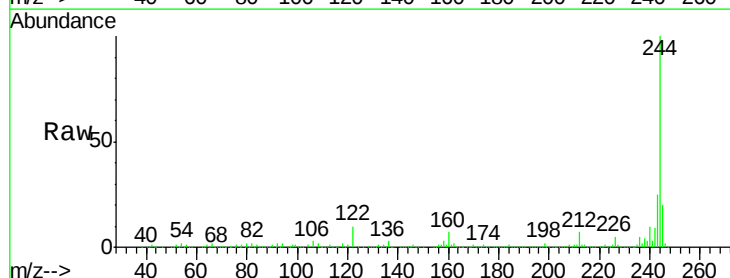
Tgt Ion:244 Resp: 1928105

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 10.1 9.5 14.3



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

2500000

2000000

1500000

1000000

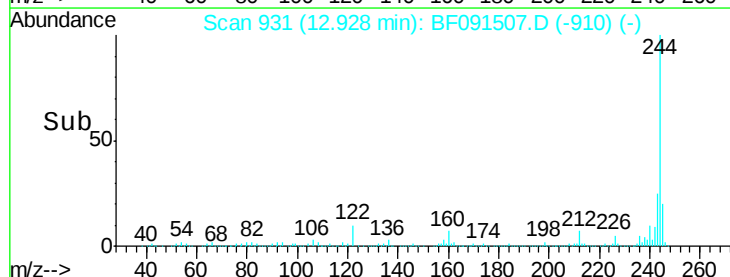
500000

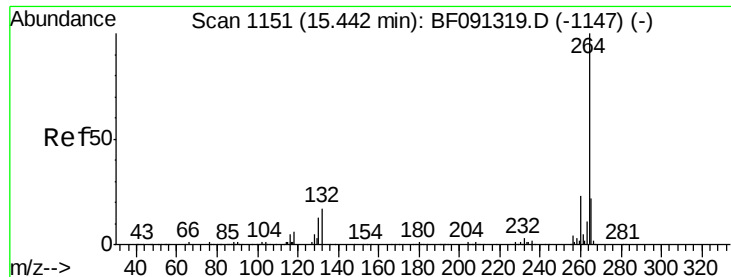
0

12.93

12.80 12.90 13.00 13.10

Time-->

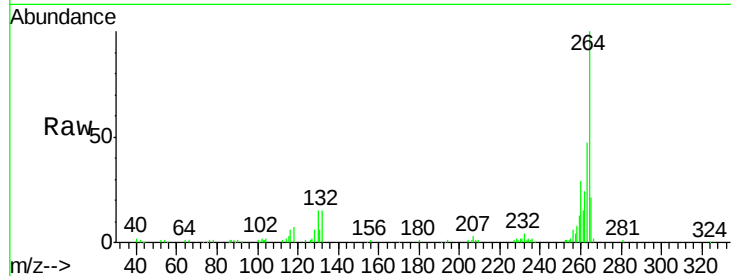




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF091507.D
Acq: 8 Dec 2016 17:25

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

Tgt Ion: 264 Resp: 121489
Ion Ratio Lower Upper
264 100
260 29.2 18.8 28.2#
265 21.0 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

