

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 00:07:30 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

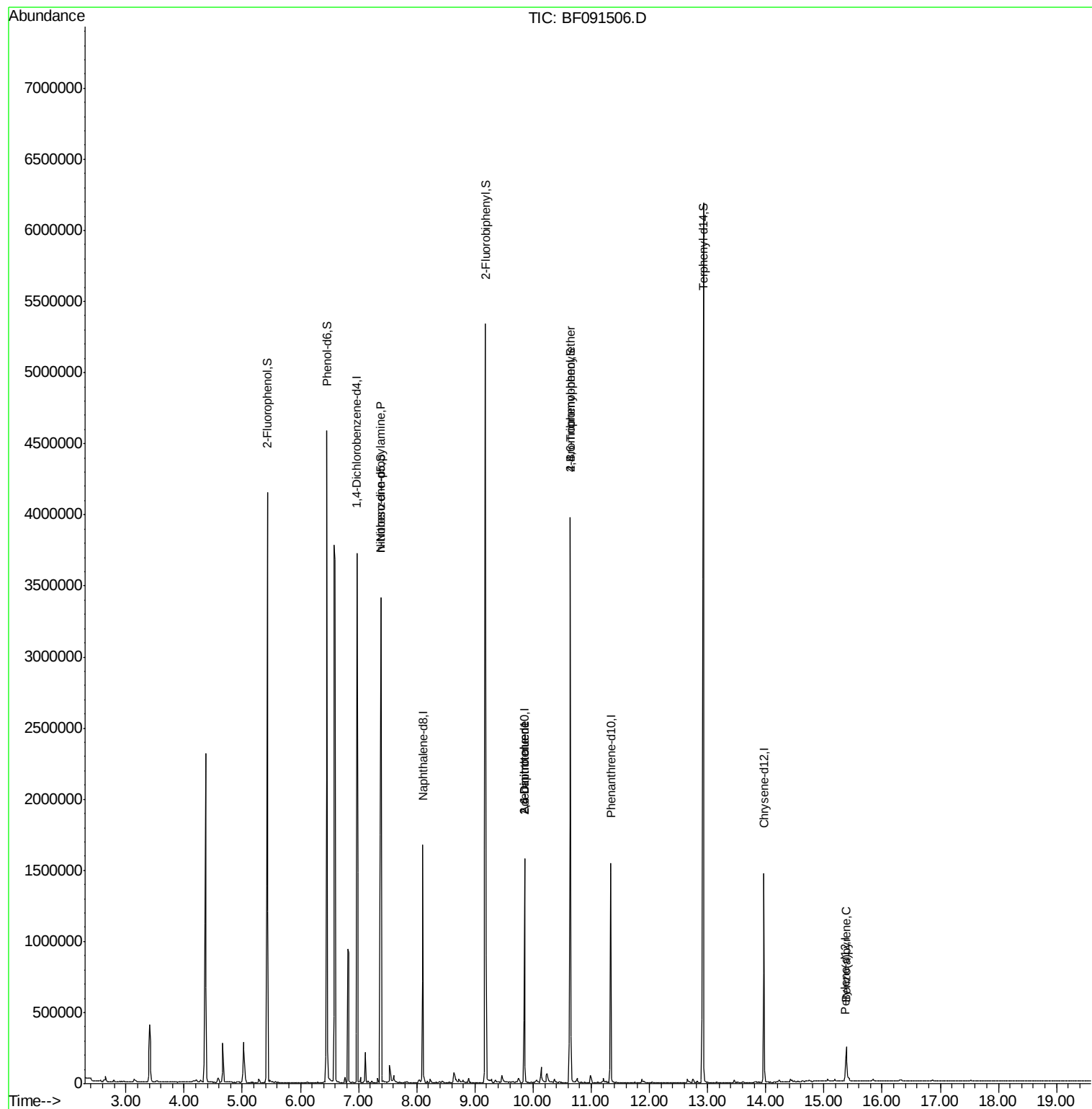
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	600026	20.00	ng	0.10
21) Naphthalene-d8	8.10	136	791774	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	314880	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	831096	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	436593	20.00	ng	-0.07
86) Perylene-d12	15.37	264	31191	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1186063	32.29	ng	-0.04
7) Phenol-d6	6.46	99	1403457	31.04	ng	-0.04
23) Nitrobenzene-d5	7.38	82	1175060	83.17	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	503060	168.76	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1795103	103.22	ng	-0.06
78) Terphenyl-d14	12.93	244	2218687	110.45	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	164559	5.78	ng	# 74
50) 2,6-Dinitrotoluene	9.85	165	42401	9.95	ng	# 18
56) 2,4-Dinitrotoluene	9.85	165	42402	7.67	ng	# 35
66) 4-Bromophenyl-phenylether	10.64	248	32170	3.60	ng	# 1
89) Benzo(a)pyrene	15.39	252	3565	2.05	ng	# 1

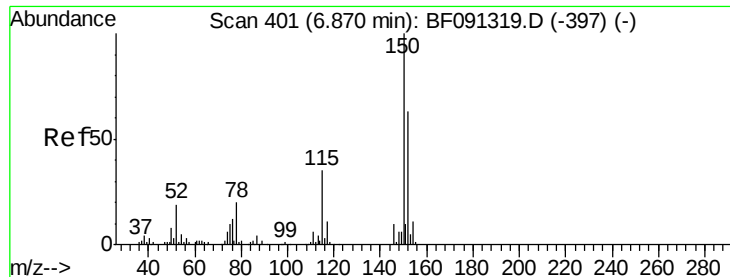
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 29 13:33:46 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.10 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

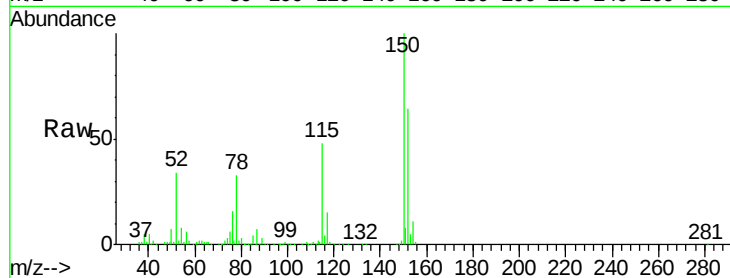
Tgt Ion:152 Resp: 600026

Ion Ratio Lower Upper

152 100

150 156.6 122.5 183.7

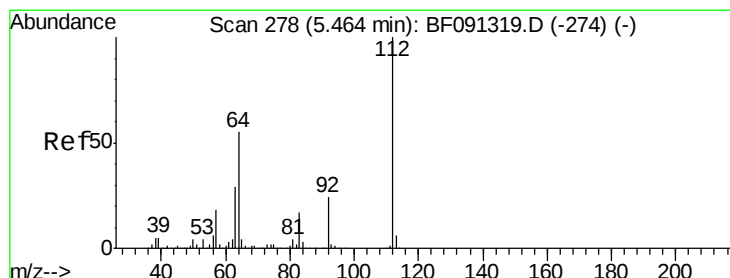
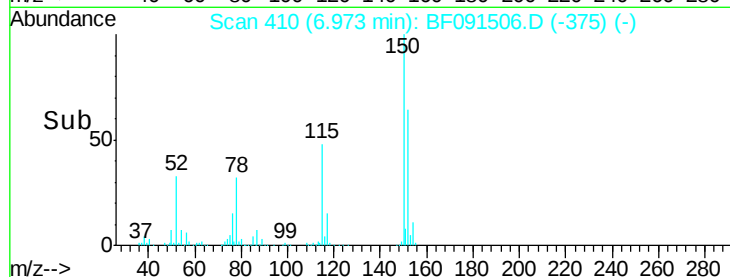
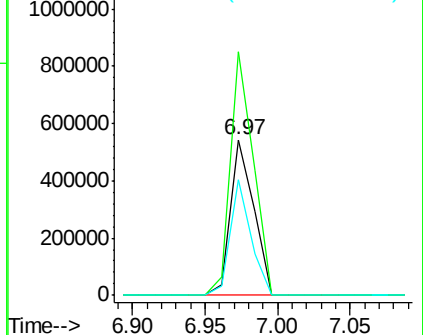
115 74.5 51.8 77.8



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: 32.29 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

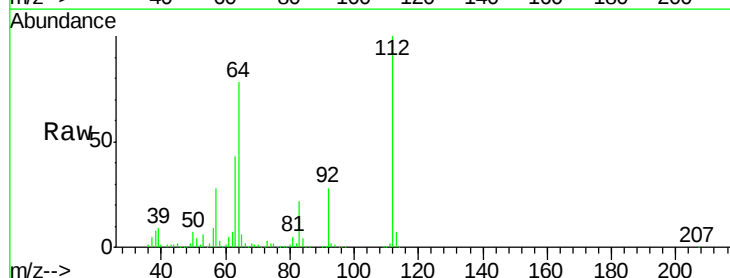
Tgt Ion:112 Resp: 1186063

Ion Ratio Lower Upper

112 100

64 77.8 61.5 92.3

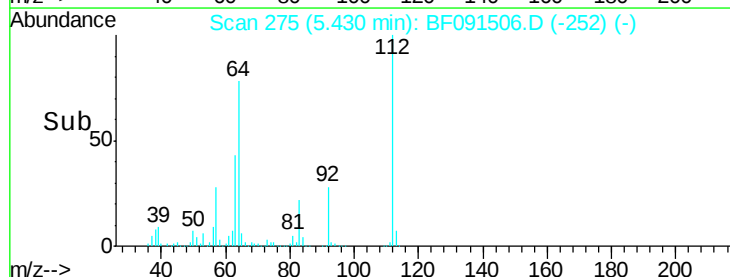
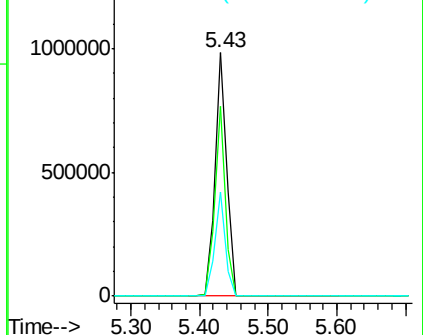
63 42.8 33.3 49.9

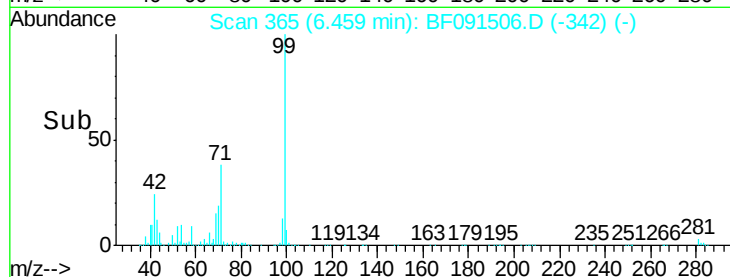
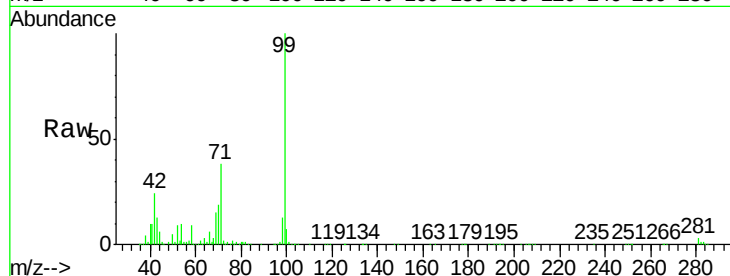
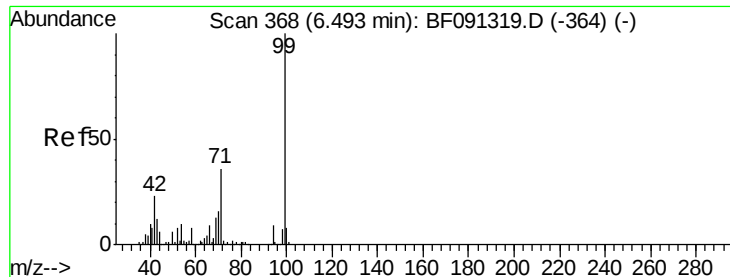


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.04 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

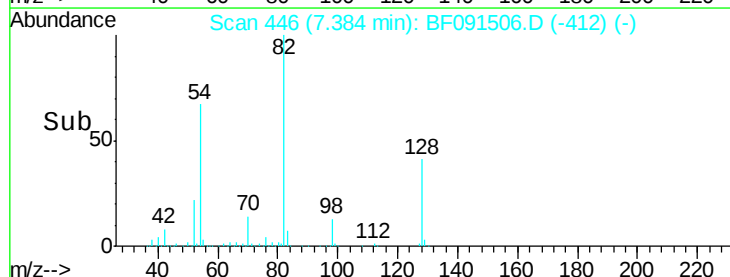
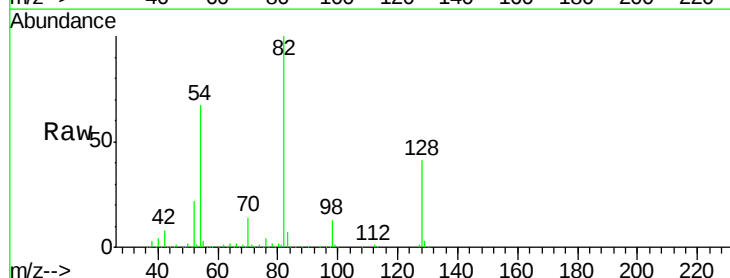
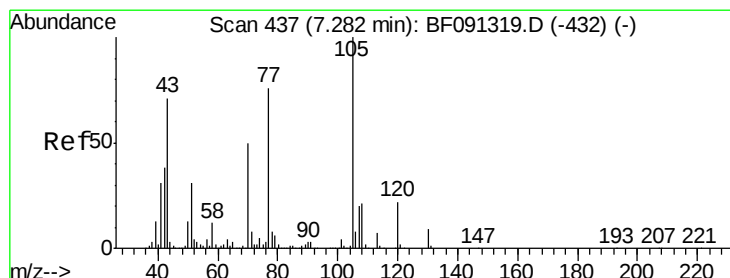
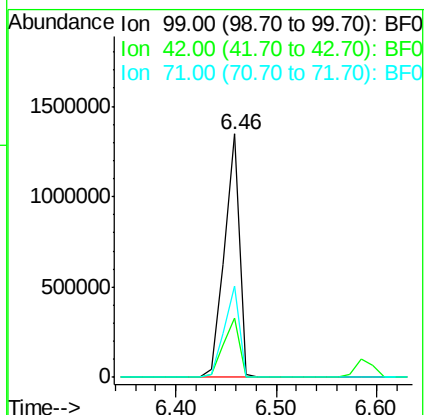
Tgt Ion: 99 Resp: 1403457

Ion Ratio Lower Upper

99 100

42 24.4 20.6 31.0

71 37.6 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.78 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.09 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

Tgt Ion: 70 Resp: 164559

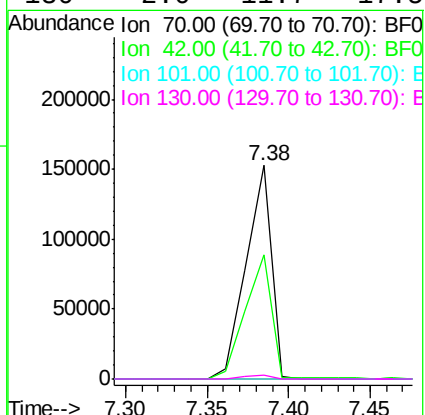
Ion Ratio Lower Upper

70 100

42 58.1 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

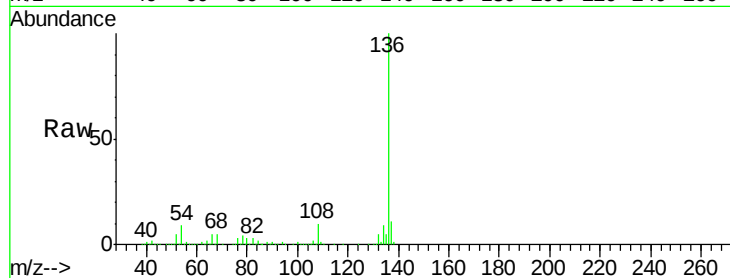




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

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

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#



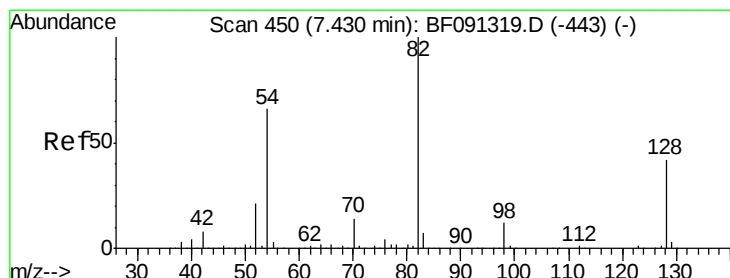
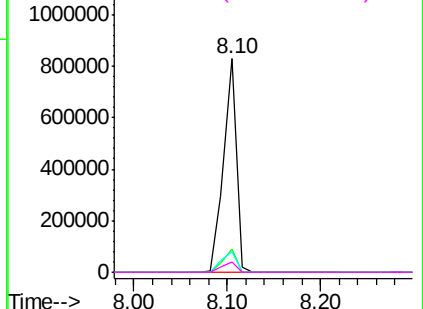
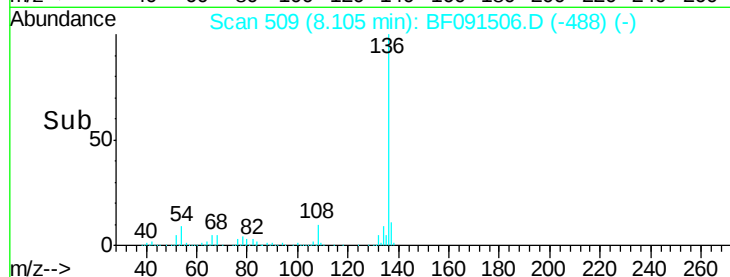
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

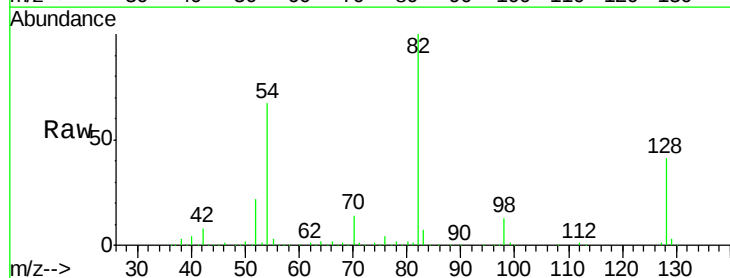
Ion 54.00 (53.70 to 54.70): BF0

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. -0.06 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

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

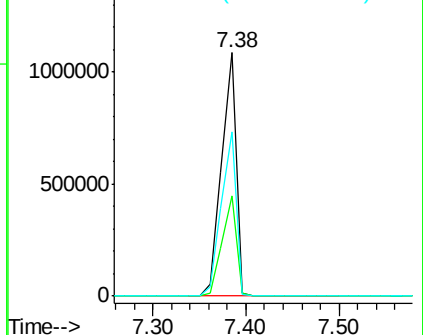
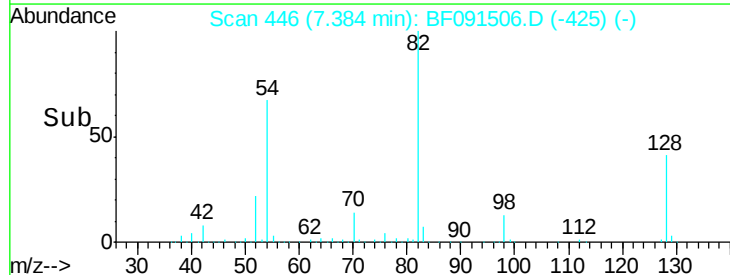


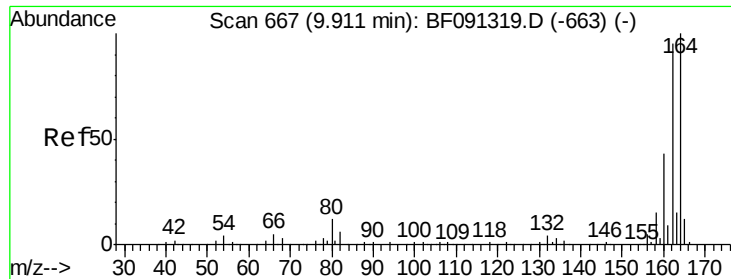
Abundance

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

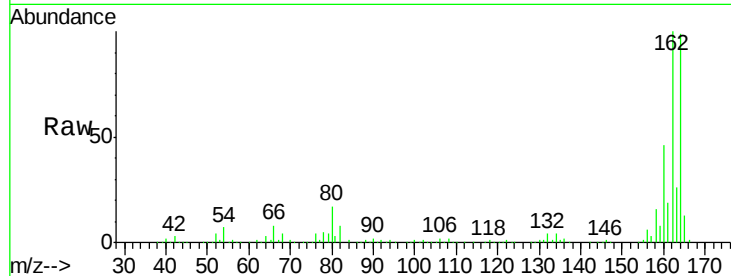




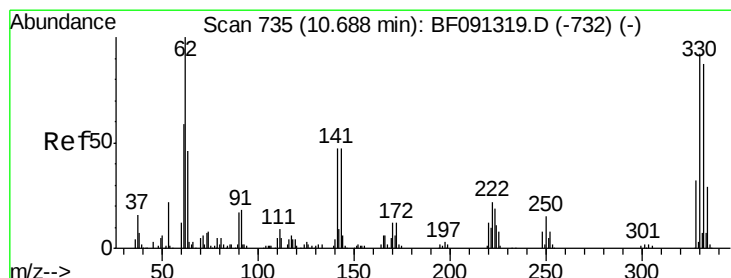
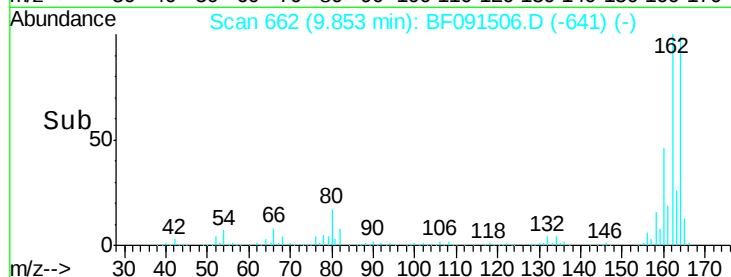
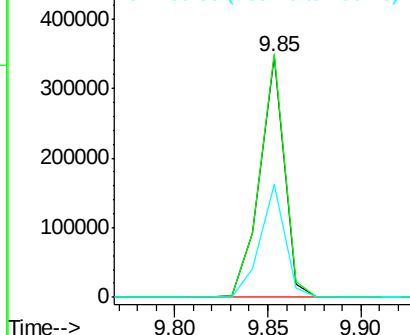
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

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

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

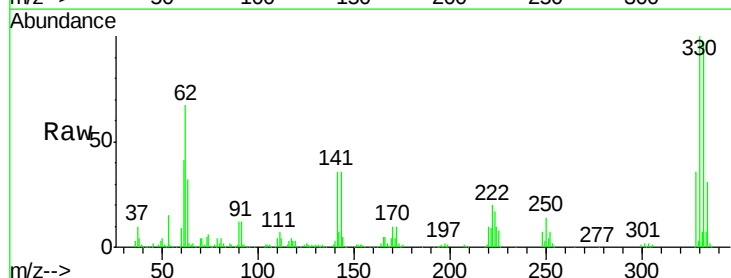


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

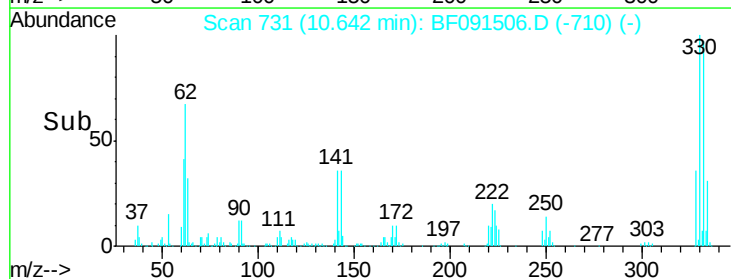
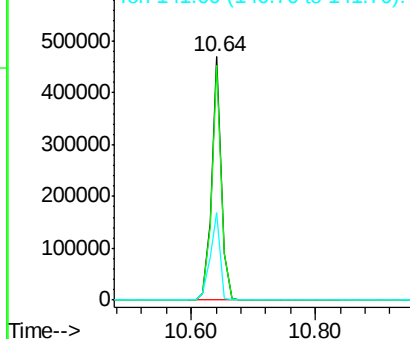


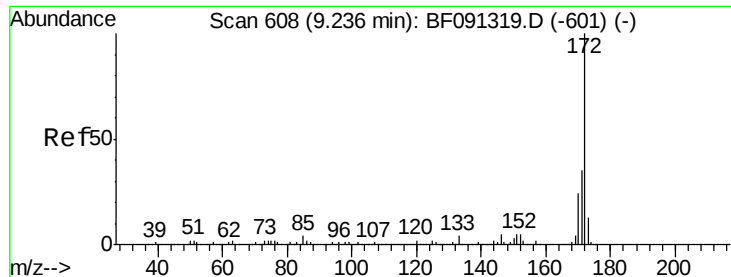
#41
2,4,6-Tribromophenol
Concen: 168.76 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF091506.D
Acq: 8 Dec 2016 16:58

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. -0.06 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

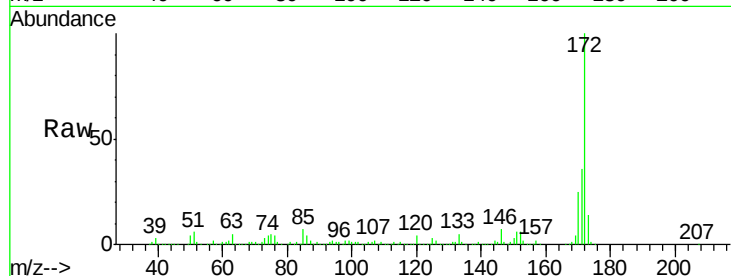
Tgt Ion:172 Resp: 1795103

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

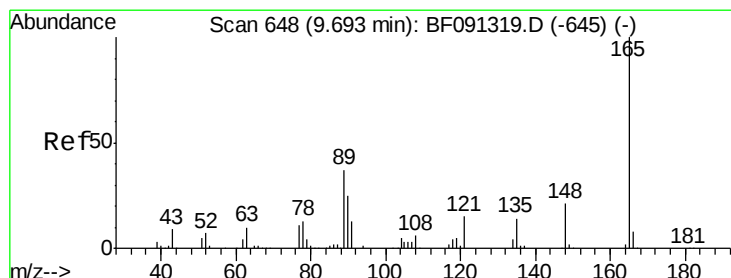
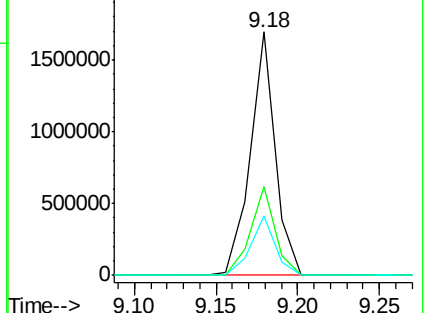
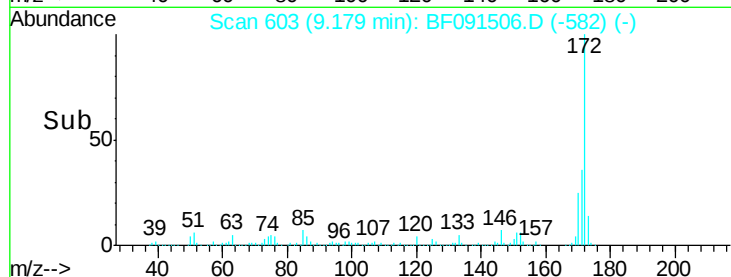
170 24.6 19.7 29.5



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



#50

2,6-Dinitrotoluene

Concen: 9.95 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.15 min

Lab File: BF091506.D

Acq: 8 Dec 2016 16:58

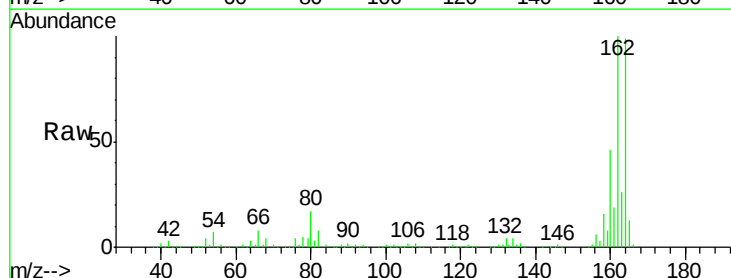
Tgt Ion:165 Resp: 42401

Ion Ratio Lower Upper

165 100

63 1.8 59.4 89.0#

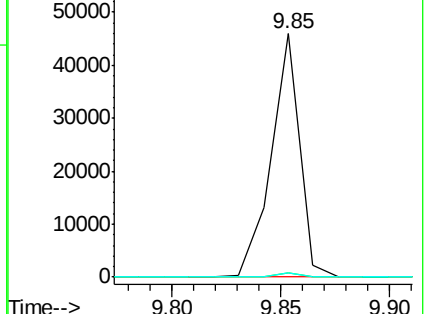
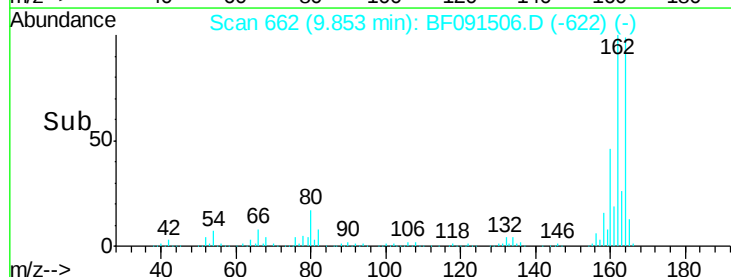
89 2.0 50.8 76.2#

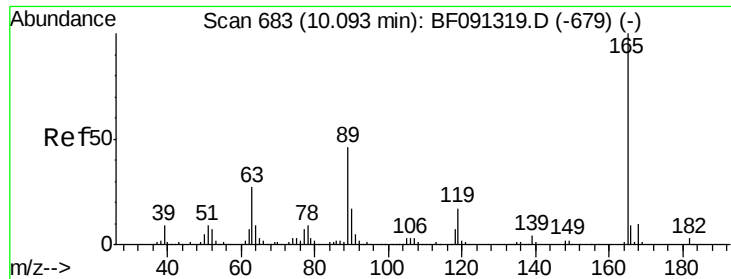


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

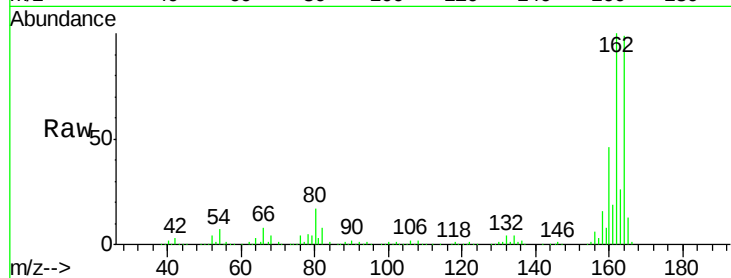




#56
 2,4-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.25 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.0	43.4#
89	2.0	43.1	64.7#
182	0.0	1.9	2.9#

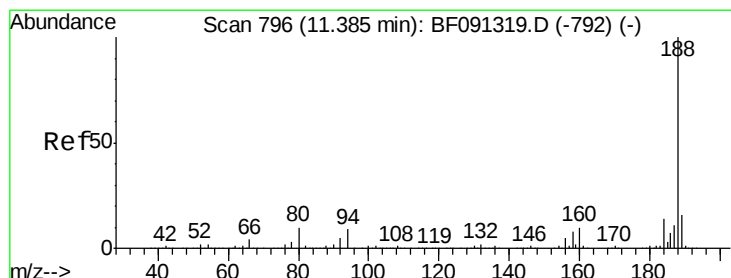
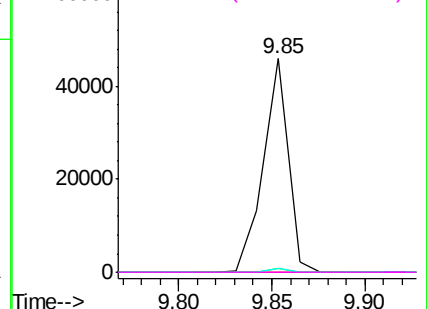
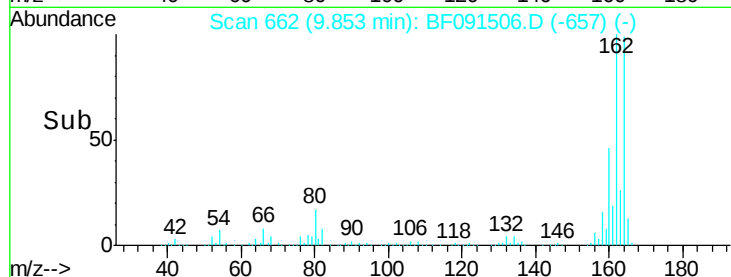


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

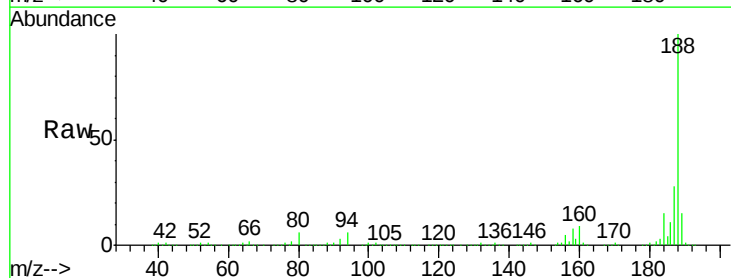
Ion 89.00 (88.70 to 89.70): BF0

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: BF091506.D
 Acq: 8 Dec 2016 16:58

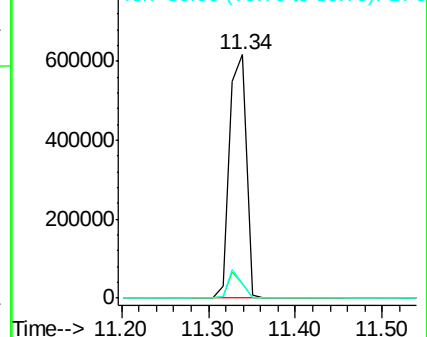
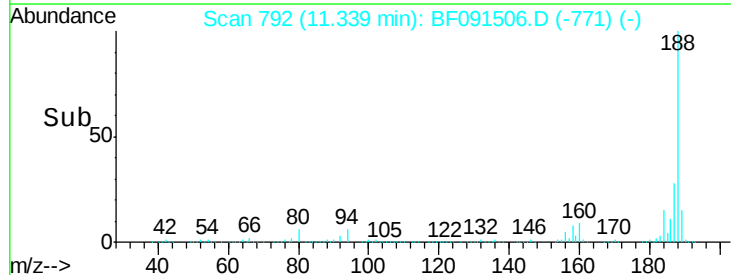
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.2	13.8#
80	5.9	10.5	15.7#

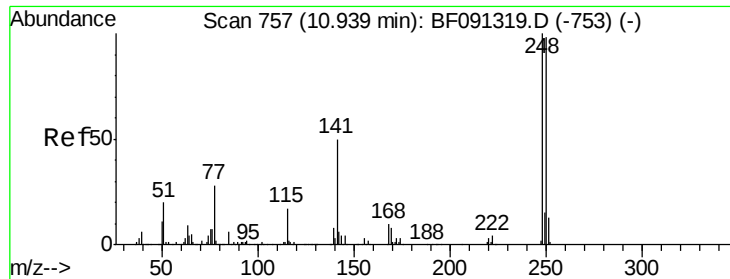


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

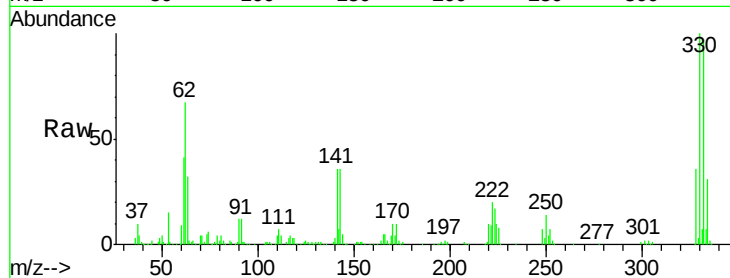




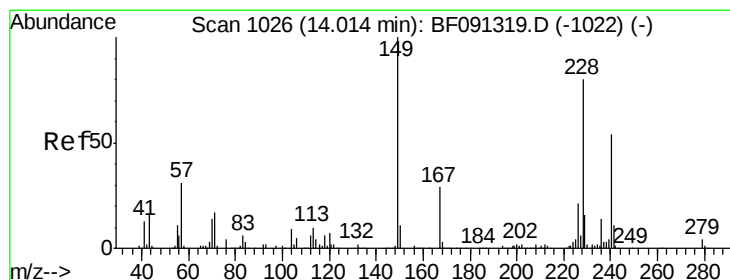
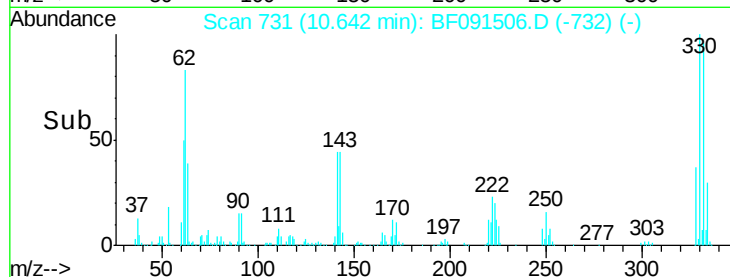
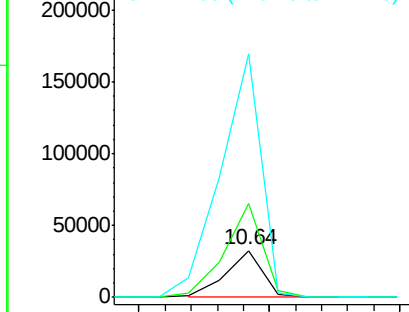
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.31 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

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

Tgt Ion:248 Resp: 32170
 Ion Ratio Lower Upper
 248 100
 250 201.9 78.2 117.4#
 141 522.2 71.9 107.9#

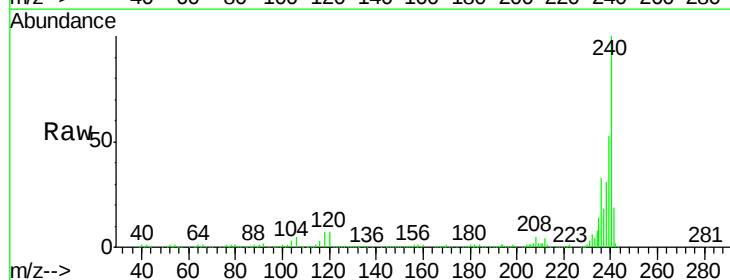


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

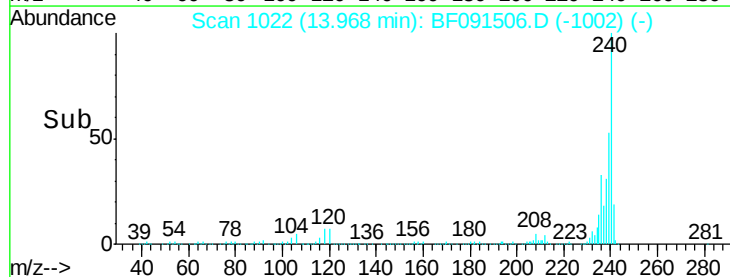
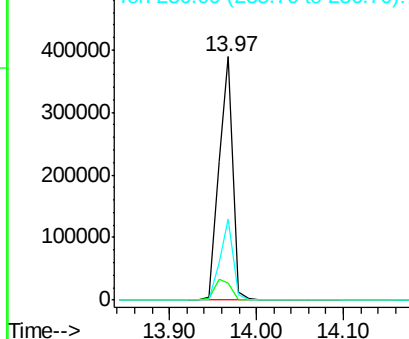


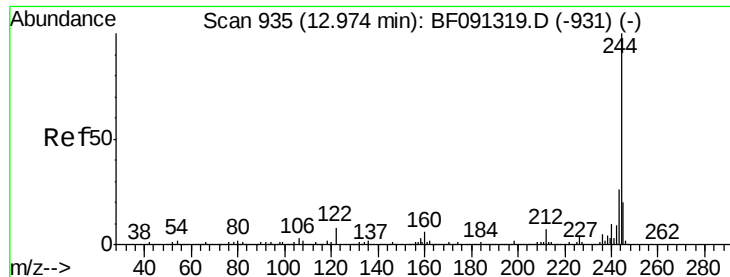
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.07 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

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

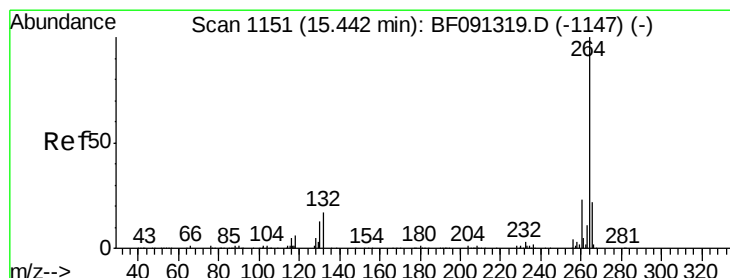
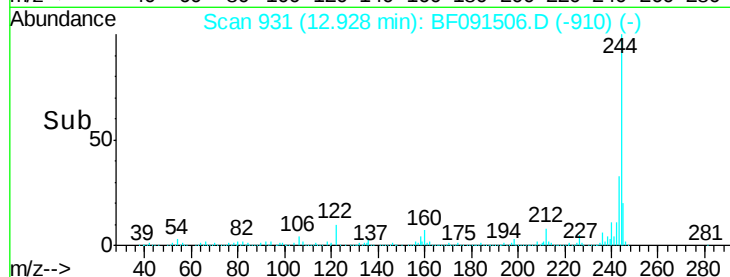
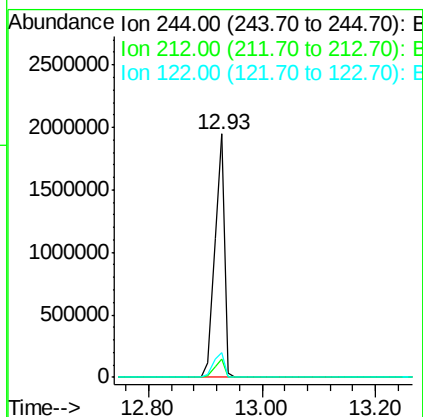
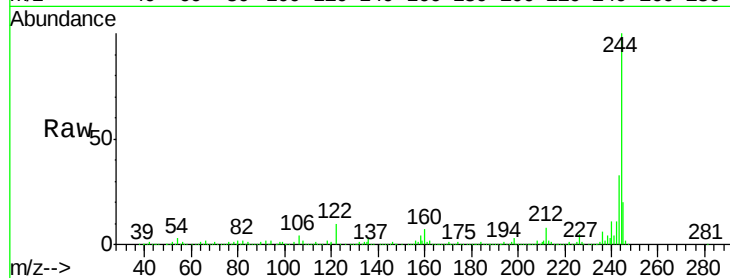




#78
 Terphenyl-d14
 Concen: 110.45 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.06 min
 Lab File: BF091506.D
 Acq: 8 Dec 2016 16:58

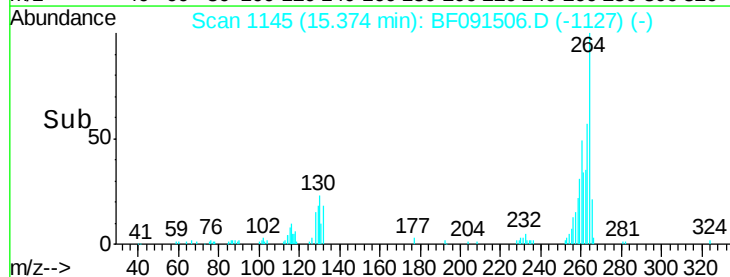
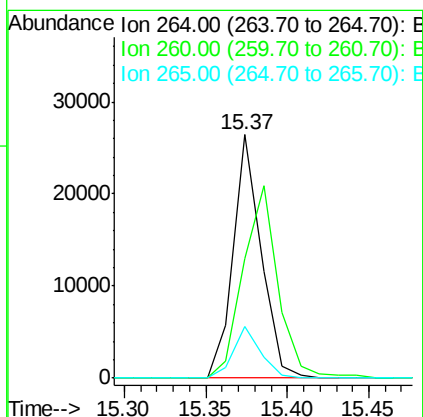
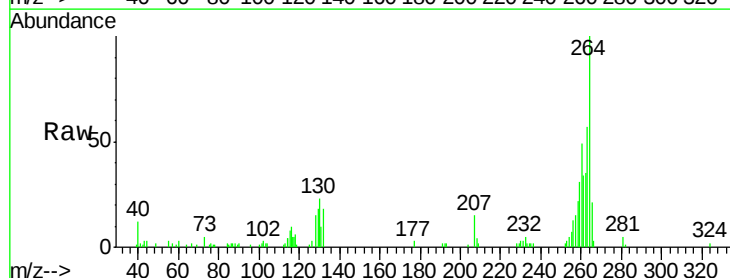
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

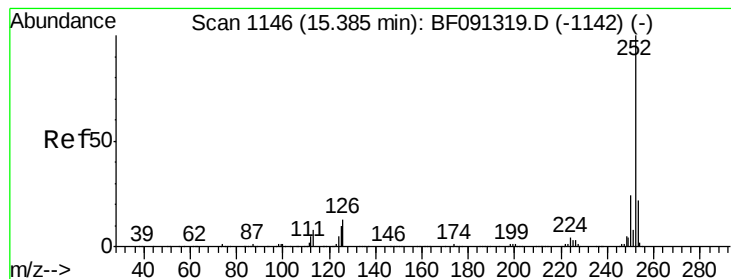
Tgt Ion:244 Resp: 2218687
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 10.2 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.10 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





#89

Benzo(a)pyrene

Concen: 2.05 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF091506.D

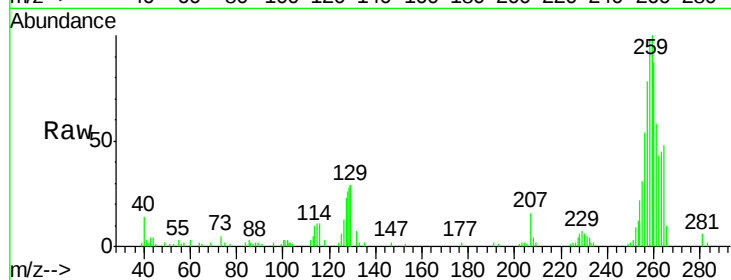
Acq: 8 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01



Tgt Ion:	252	Resp:	3565
Ion	Ratio	Lower	Upper
252	100		
253	139.8	18.2	27.4#
125	69.7	10.4	15.6#

