

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091499.D
 Acq On : 8 Dec 2016 5:59
 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 08 06:31:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

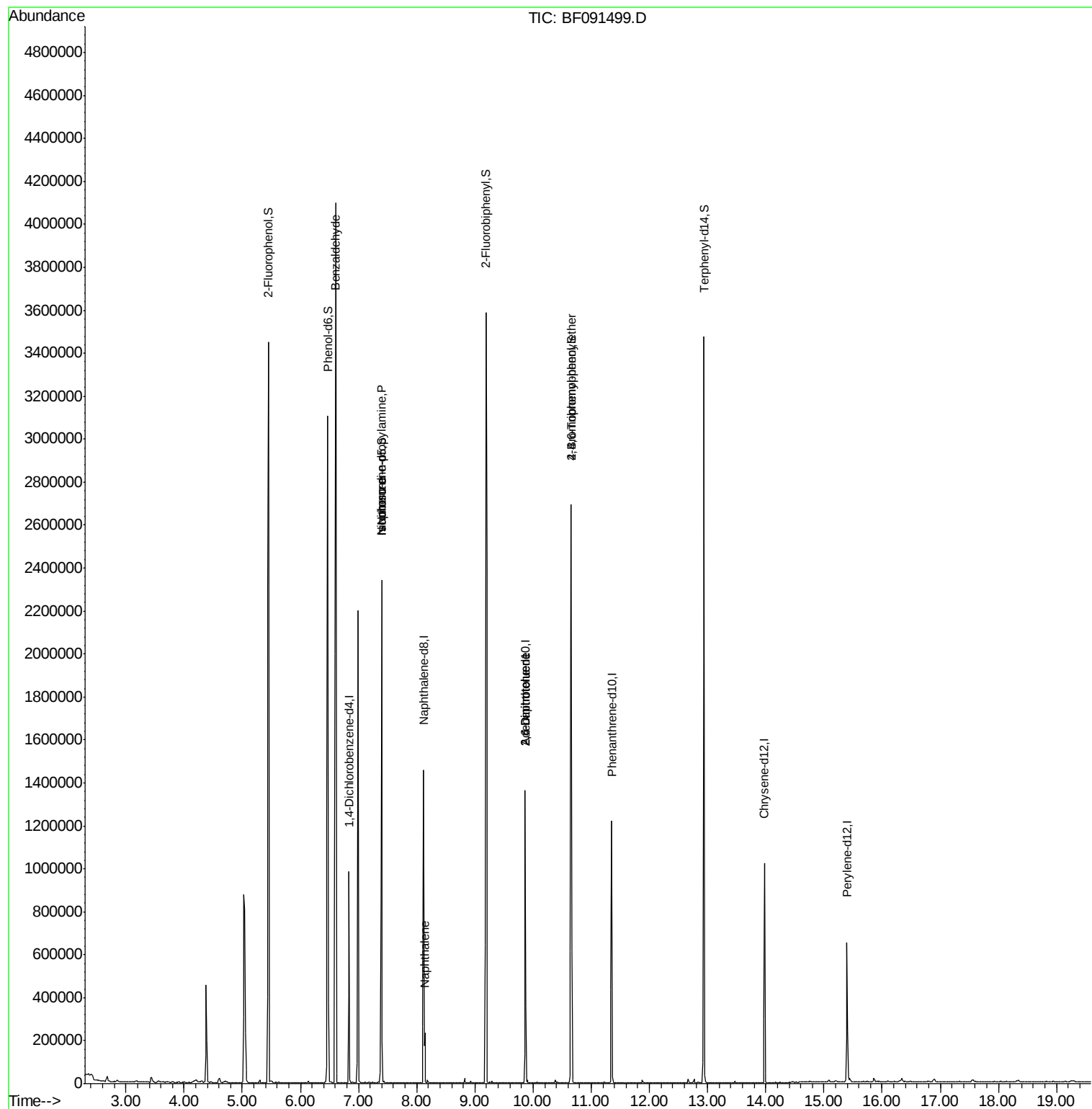
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159103	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	603442	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	316758	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	497971	20.00	ng	0.00
75) Chrysene-d12	13.98	240	377624	20.00	ng	0.00
86) Perylene-d12	15.40	264	309434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1080161	110.91	ng	0.02
7) Phenol-d6	6.47	99	1059010	88.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	758418	70.43	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	351381	117.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1617646	92.47	ng	-0.01
78) Terphenyl-d14	12.94	244	1370816	78.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	28387	3.68	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	104900	13.89	ng	# 71
25) Isophorone	7.40	82	560649	29.39	ng	# 67
31) Naphthalene	8.14	128	99644	3.47	ng	98
50) 2,6-Dinitrotoluene	9.86	165	41467	9.67	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	41469	7.46	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	20719	3.87	ng	# 1

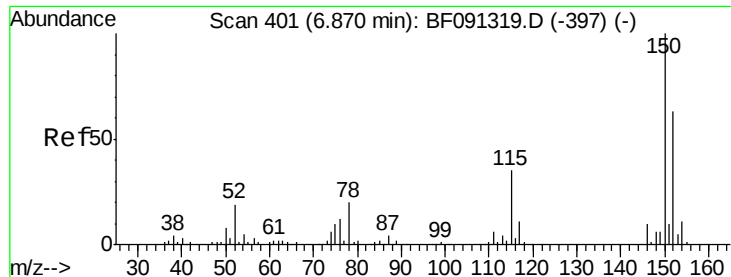
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091499.D
Acq On : 8 Dec 2016 5:59
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 08 06:31:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

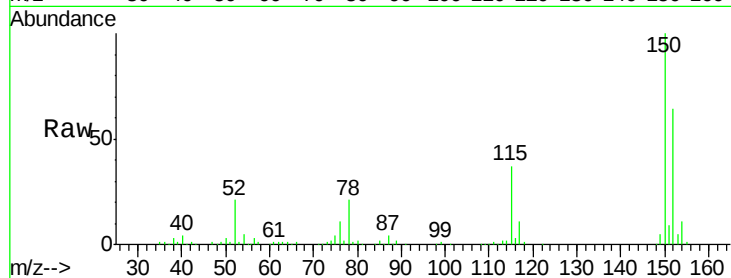
Tgt Ion:152 Resp: 159103

Ion Ratio Lower Upper

152 100

150 155.5 122.5 183.7

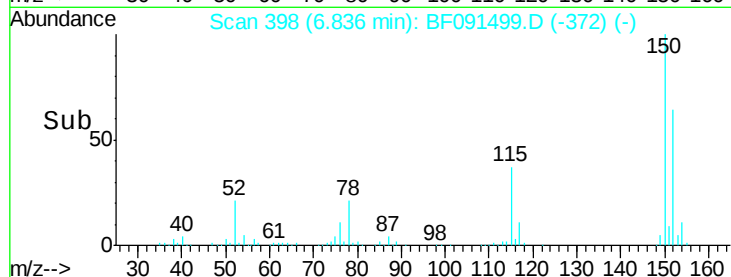
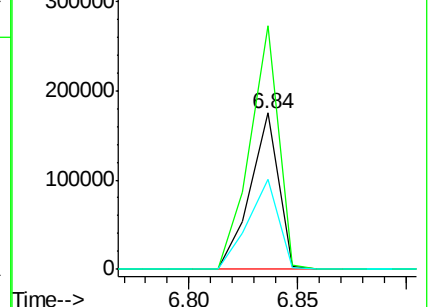
115 57.1 51.8 77.8



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: 110.91 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

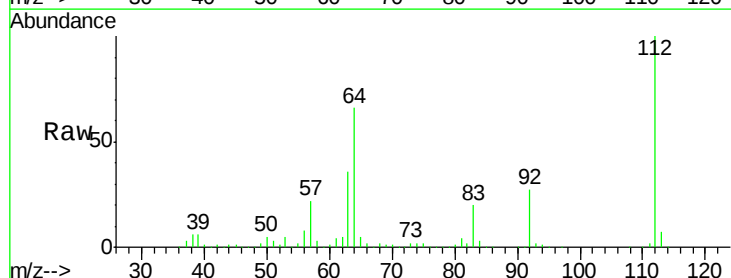
Tgt Ion:112 Resp: 1080161

Ion Ratio Lower Upper

112 100

64 66.5 61.5 92.3

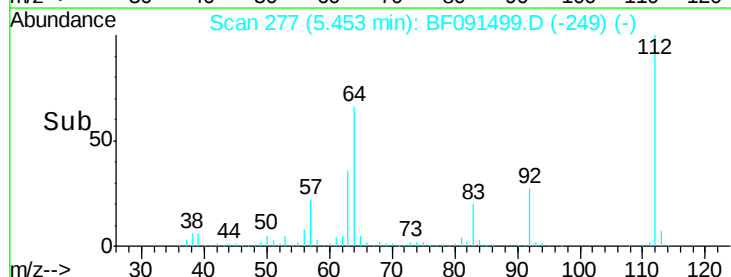
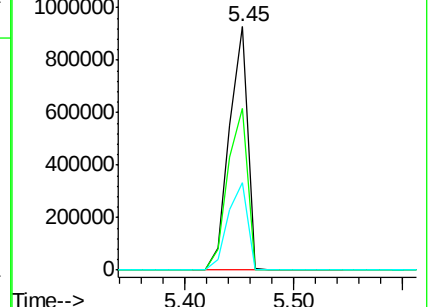
63 35.8 33.3 49.9

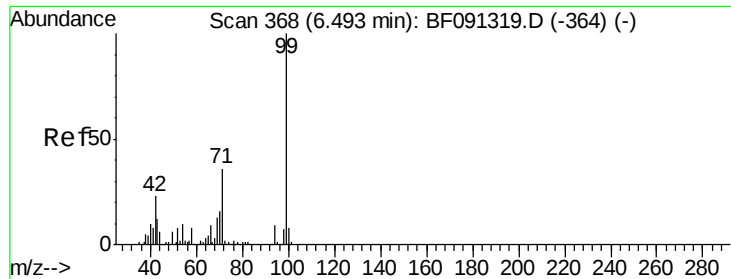


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.33 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

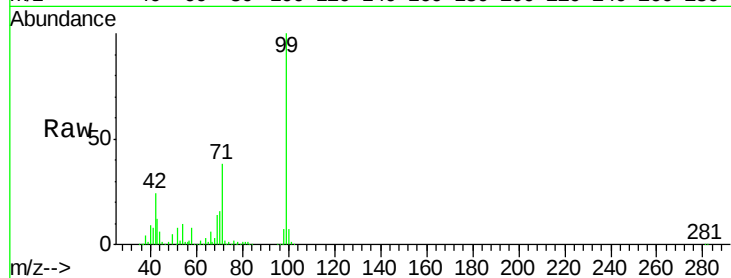
Tgt Ion: 99 Resp: 1059010

Ion Ratio Lower Upper

99 100

42 23.6 20.6 31.0

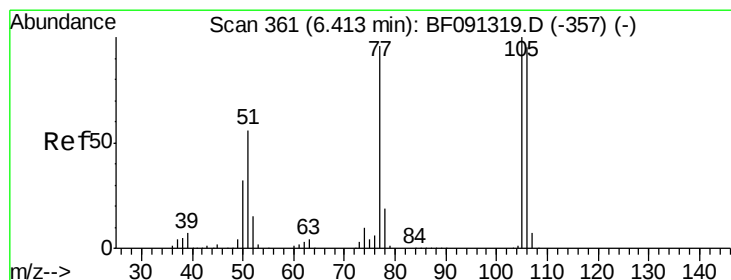
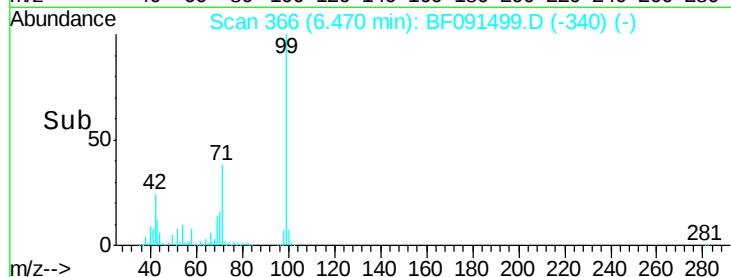
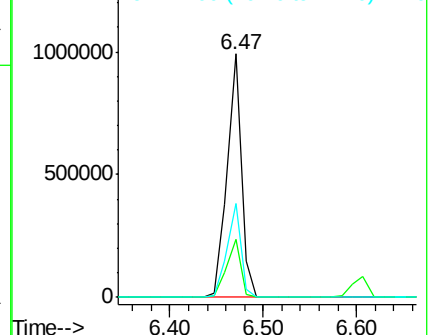
71 38.5 29.9 44.9



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



#9

Benzaldehyde

Concen: 3.68 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

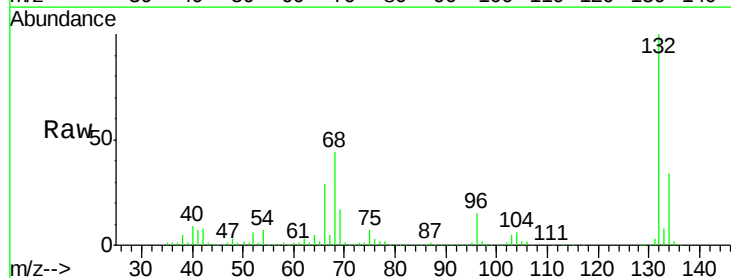
Tgt Ion: 77 Resp: 28387

Ion Ratio Lower Upper

77 100

105 78.8 66.4 106.4

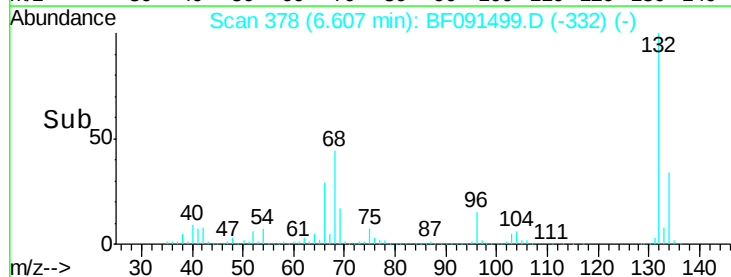
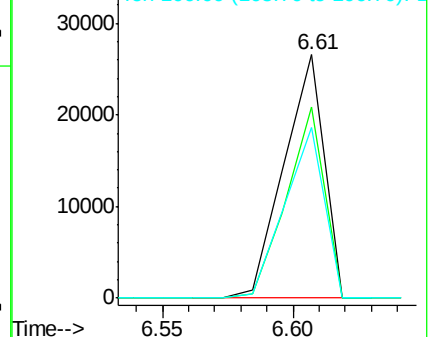
106 69.8 60.9 100.9

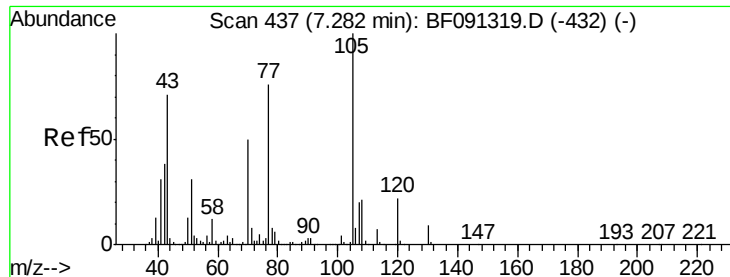


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

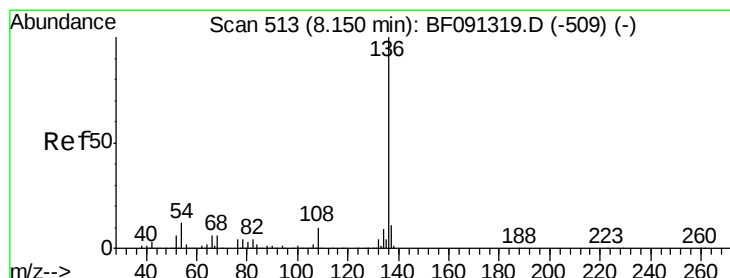
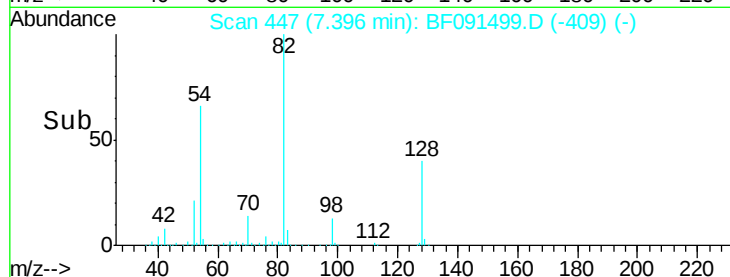
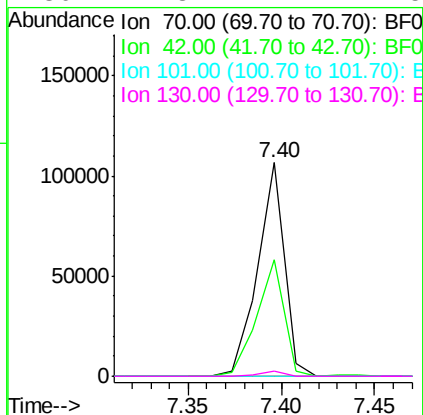
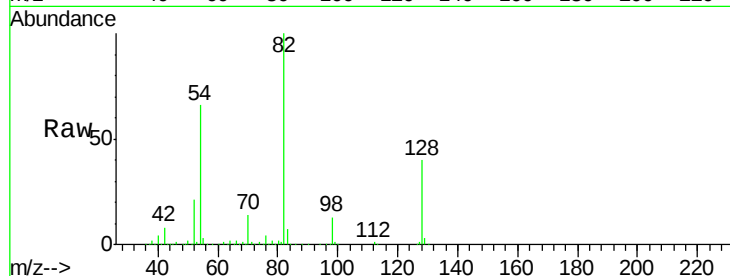




#19
n-Nitroso-di-n-propylamine
Concen: 13.89 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

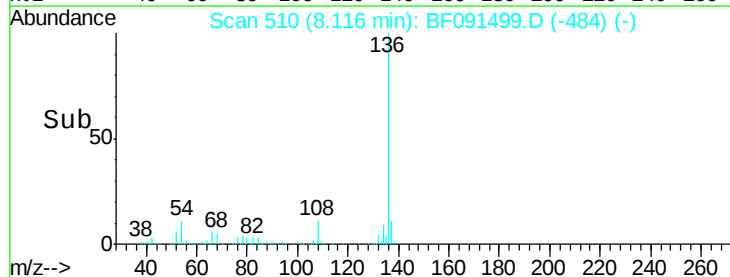
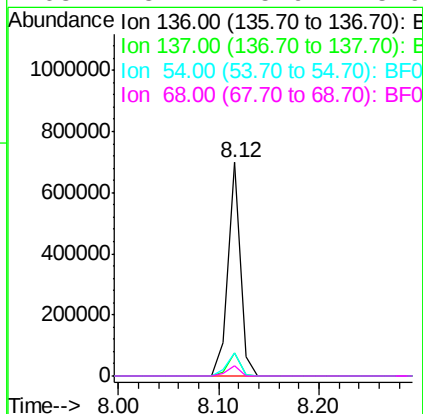
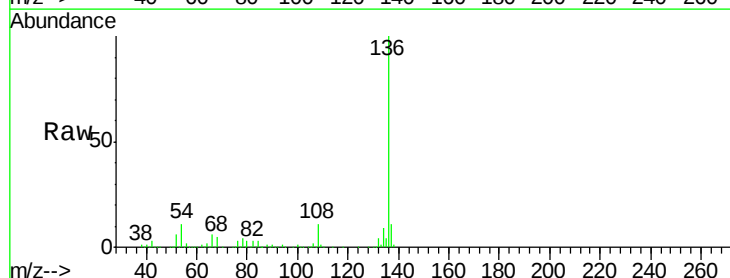
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

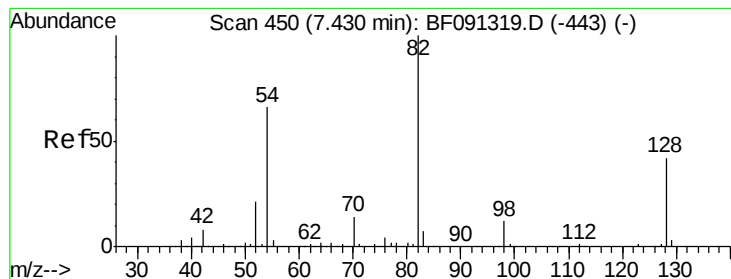
Tgt Ion: 70 Resp: 104900
Ion Ratio Lower Upper
70 100
42 54.9 64.8 97.2#
101 0.0 6.2 9.4#
130 2.3 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion: 136 Resp: 603442
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.9 9.1 13.7
68 5.1 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 70.43 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

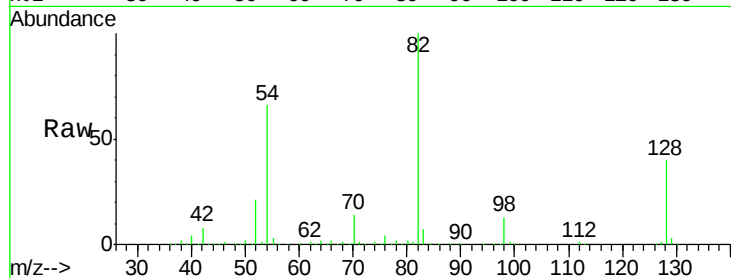
Tgt Ion: 82 Resp: 758418

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

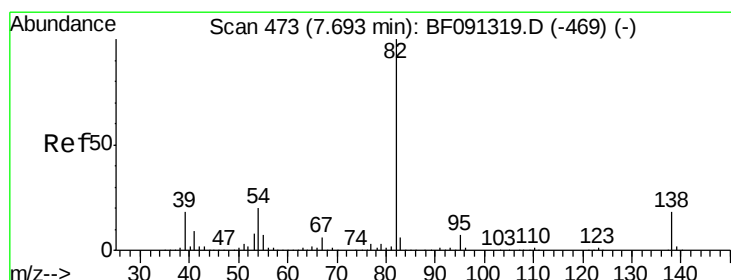
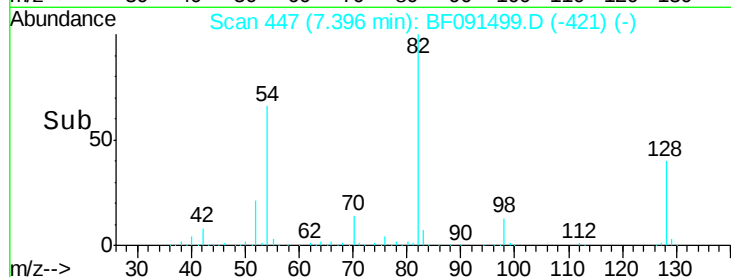
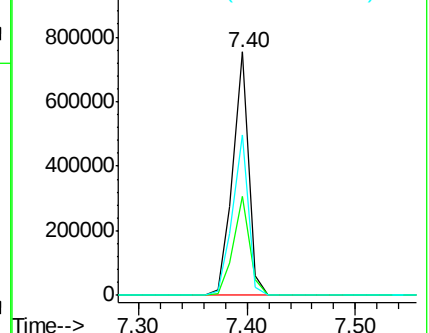
54 66.1 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 29.39 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

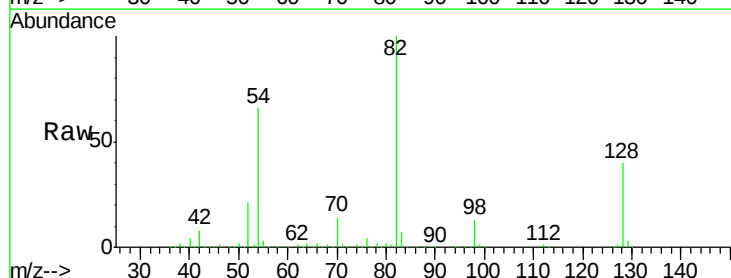
Tgt Ion: 82 Resp: 560649

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

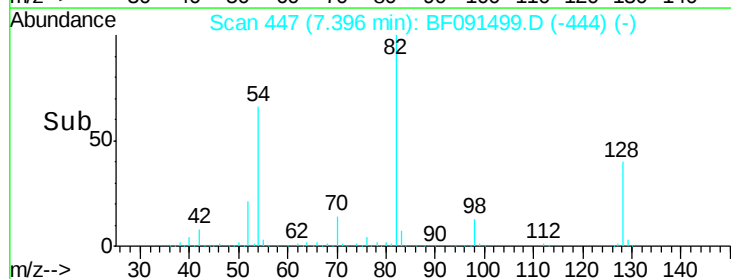
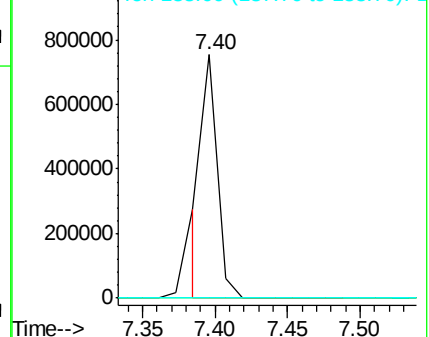
138 0.0 13.4 20.0#

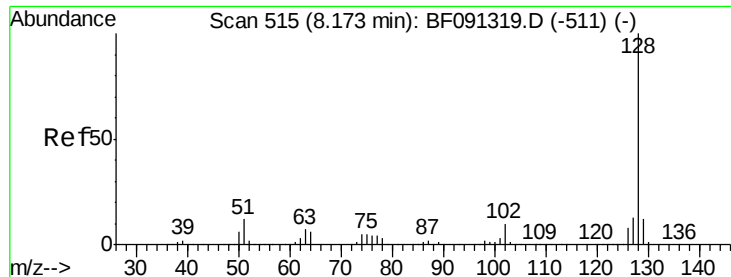


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

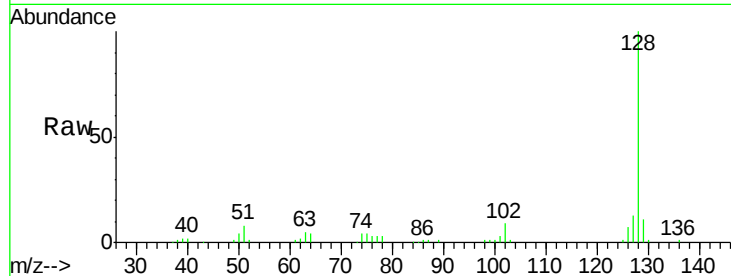




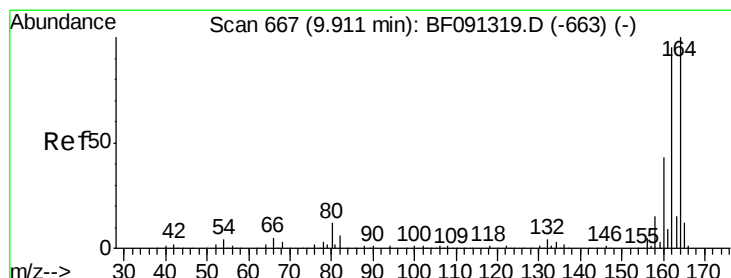
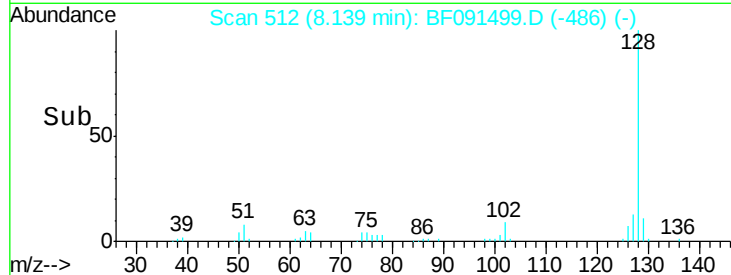
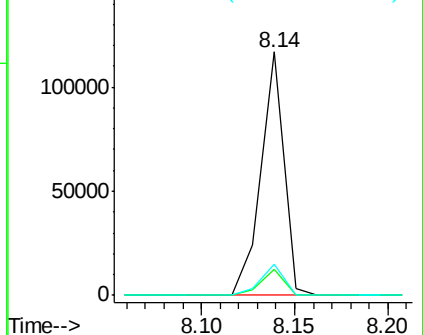
#31
Naphthalene
Concen: 3.47 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

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

Tgt Ion:128 Resp: 99644
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 12.7 11.0 16.4

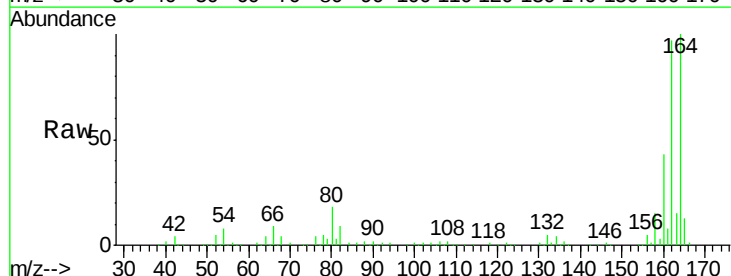


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

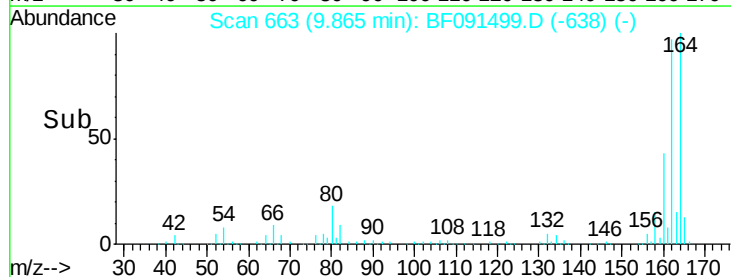
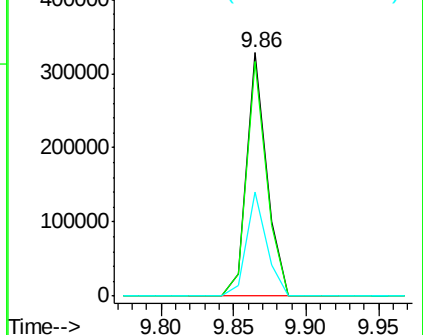


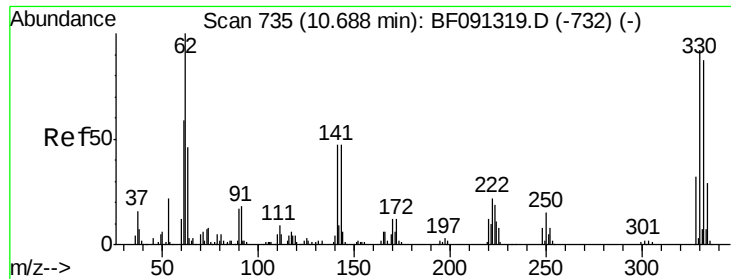
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:164 Resp: 316758
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 42.7 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

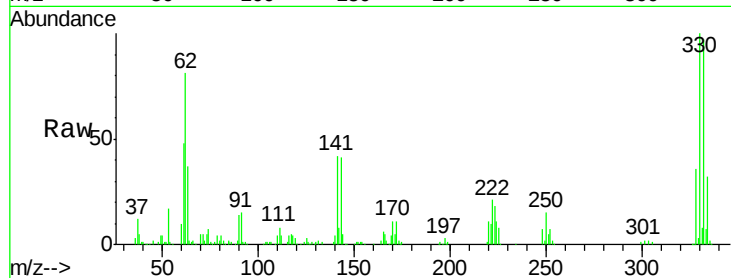




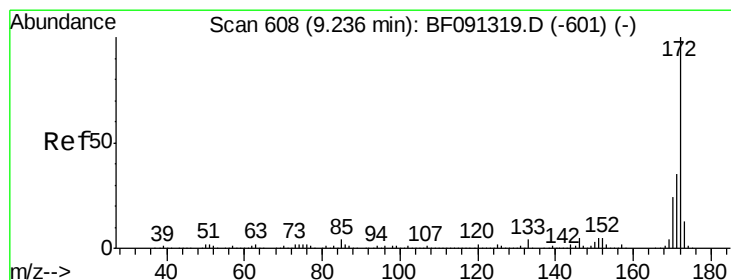
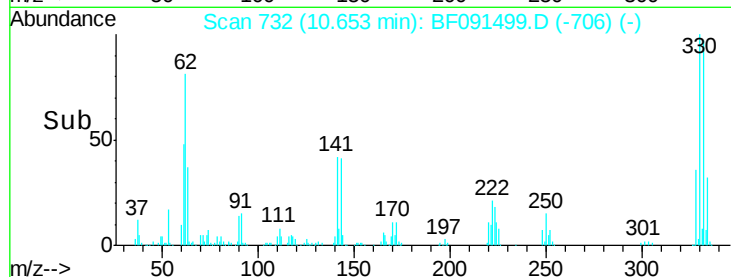
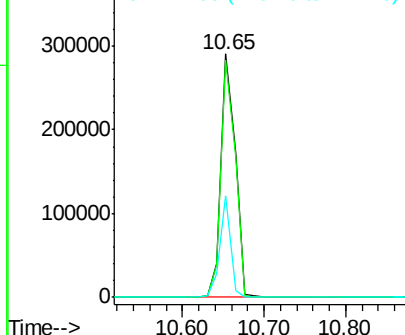
#41
 2,4,6-Tribromophenol
 Concen: 117.17 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

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

Tgt Ion:330 Resp: 351381
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 31.0 33.6 50.4#

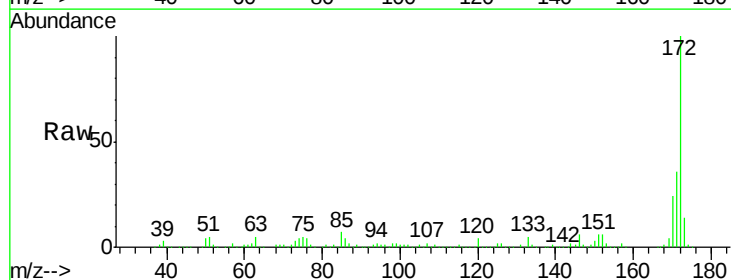


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

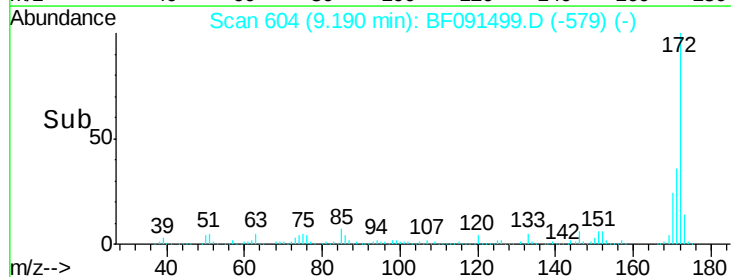
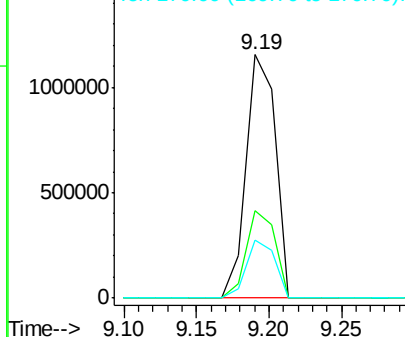


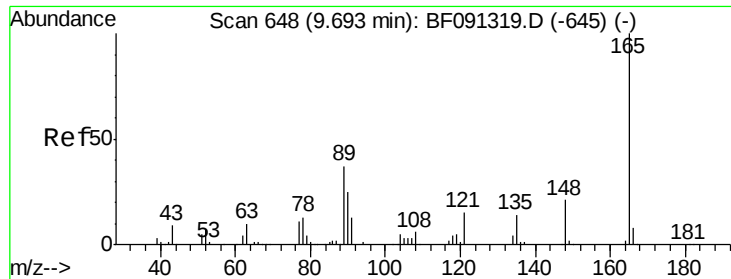
#44
 2-Fluorobiphenyl
 Concen: 92.47 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

Tgt Ion:172 Resp: 1617646
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.9 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

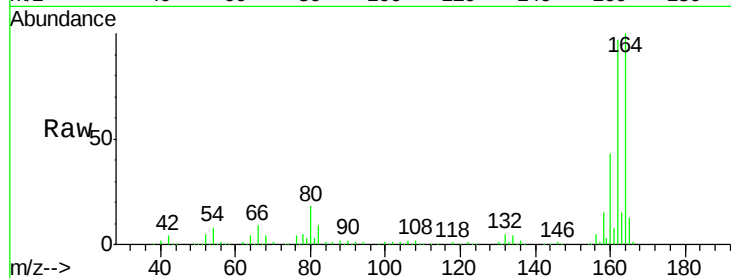




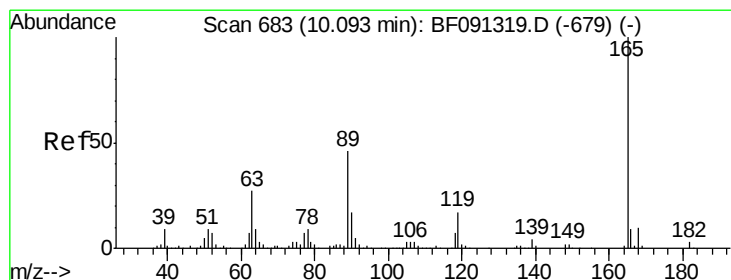
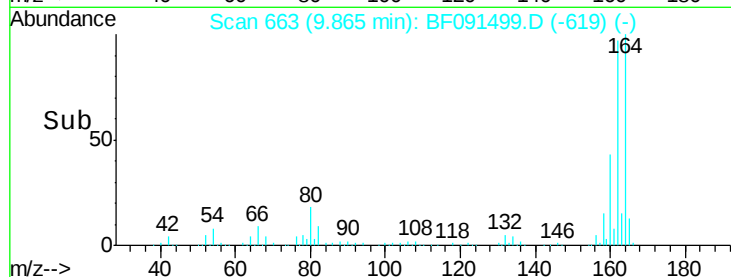
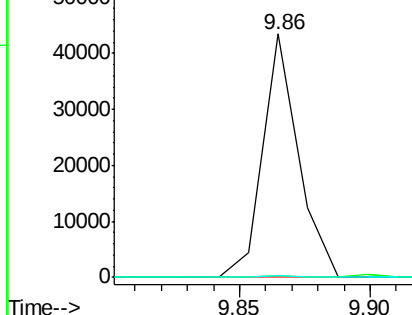
#50
 2,6-Dinitrotoluene
 Concen: 9.67 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	59.4	89.0#
89	0.9	50.8	76.2#



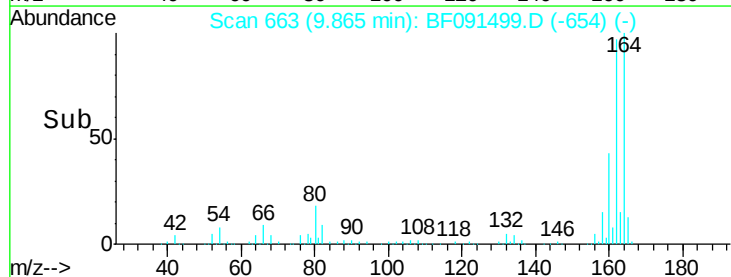
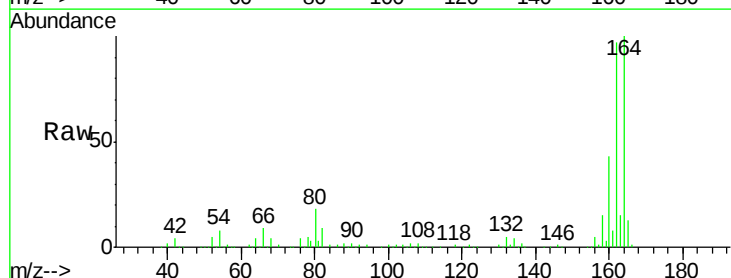
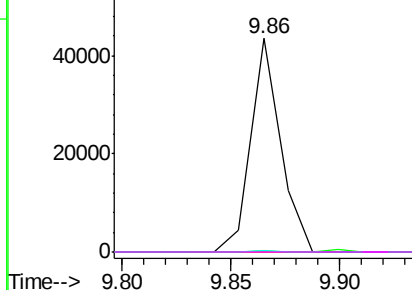
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

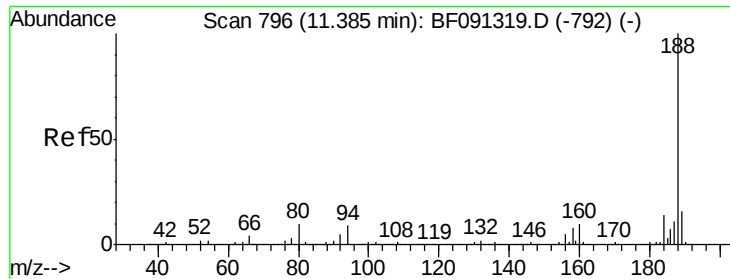


#56
 2,4-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	0.9	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

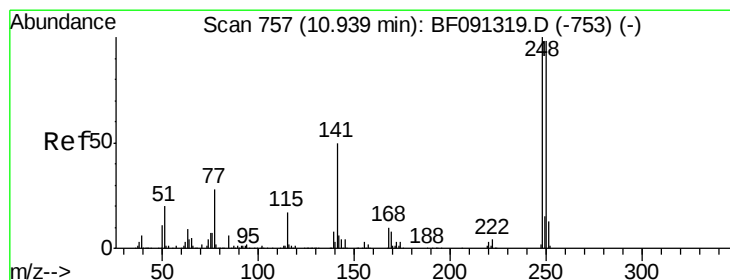
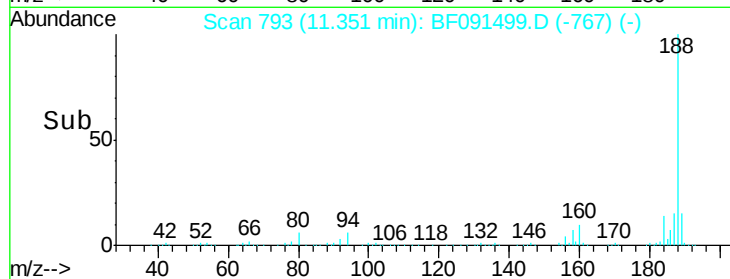
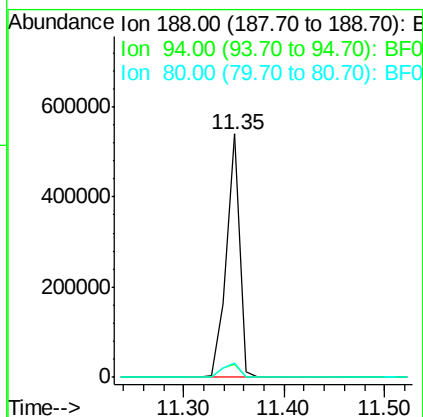
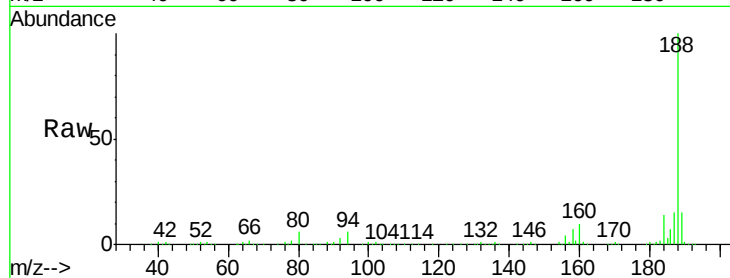




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

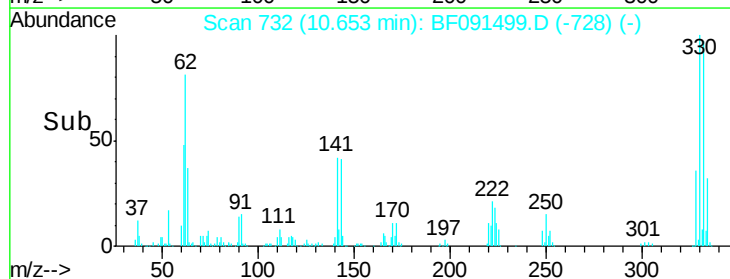
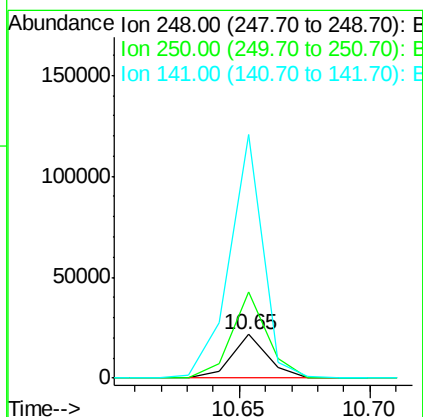
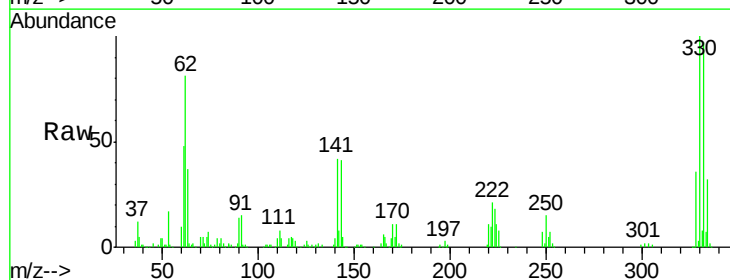
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

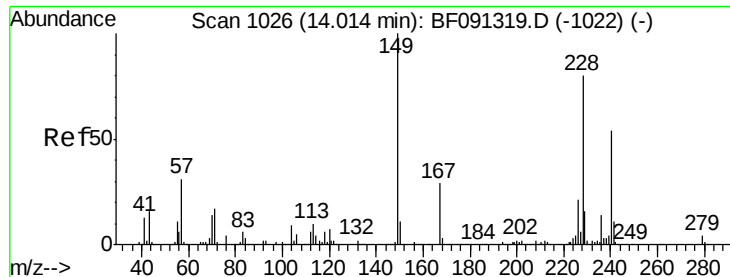
Tgt Ion:188 Resp: 497971
 Ion Ratio Lower Upper
 188 100
 94 5.5 9.2 13.8#
 80 6.1 10.5 15.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.25 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

Tgt Ion:248 Resp: 20719
 Ion Ratio Lower Upper
 248 100
 250 197.3 78.2 117.4#
 141 556.9 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

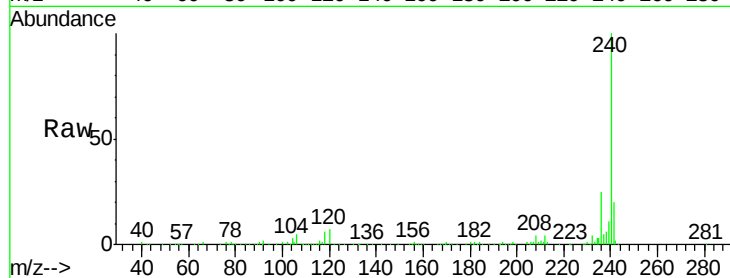
Tgt Ion:240 Resp: 377624

Ion Ratio Lower Upper

240 100

120 6.9 12.1 18.1#

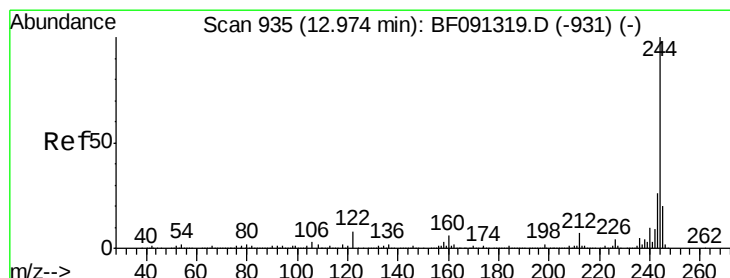
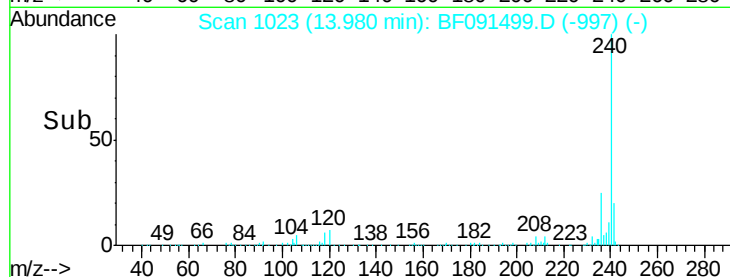
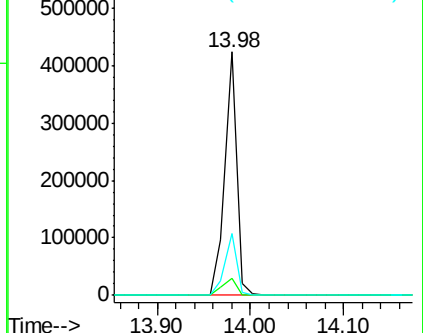
236 25.1 21.0 31.6



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



#78

Terphenyl-d14

Concen: 78.90 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

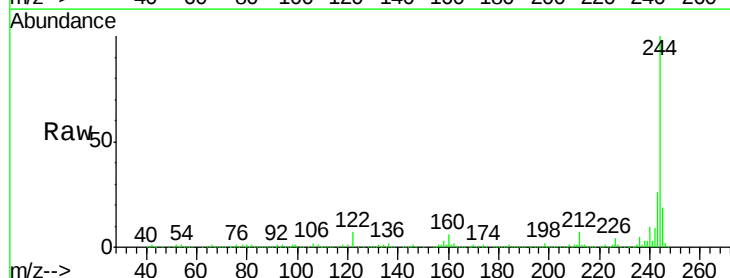
Tgt Ion:244 Resp: 1370816

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

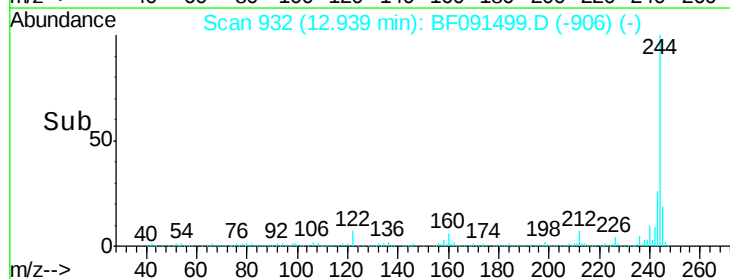
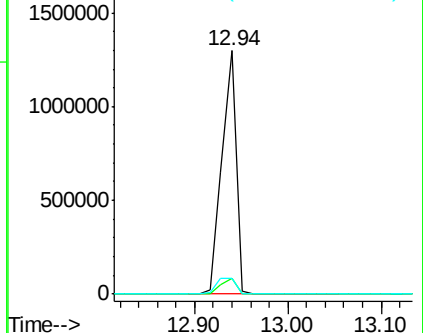
122 6.7 9.5 14.3#

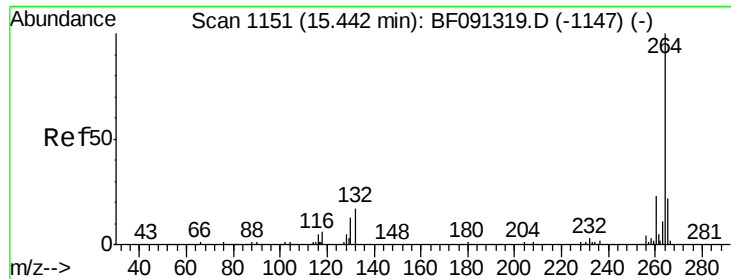


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

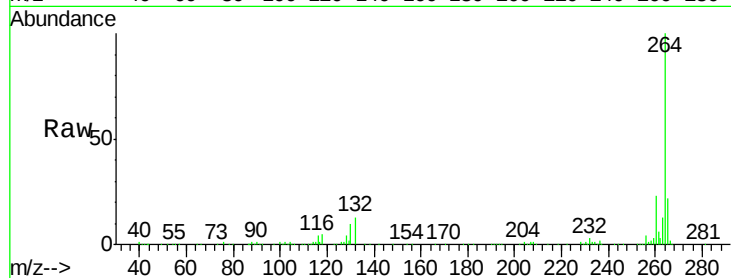




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

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

Tgt Ion: 264 Resp: 309434
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.6 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

