

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091501.D
 Acq On : 8 Dec 2016 6:55
 Operator : UM/SJ
 Sample : H5867-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Quant Time: Dec 08 07:18:06 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

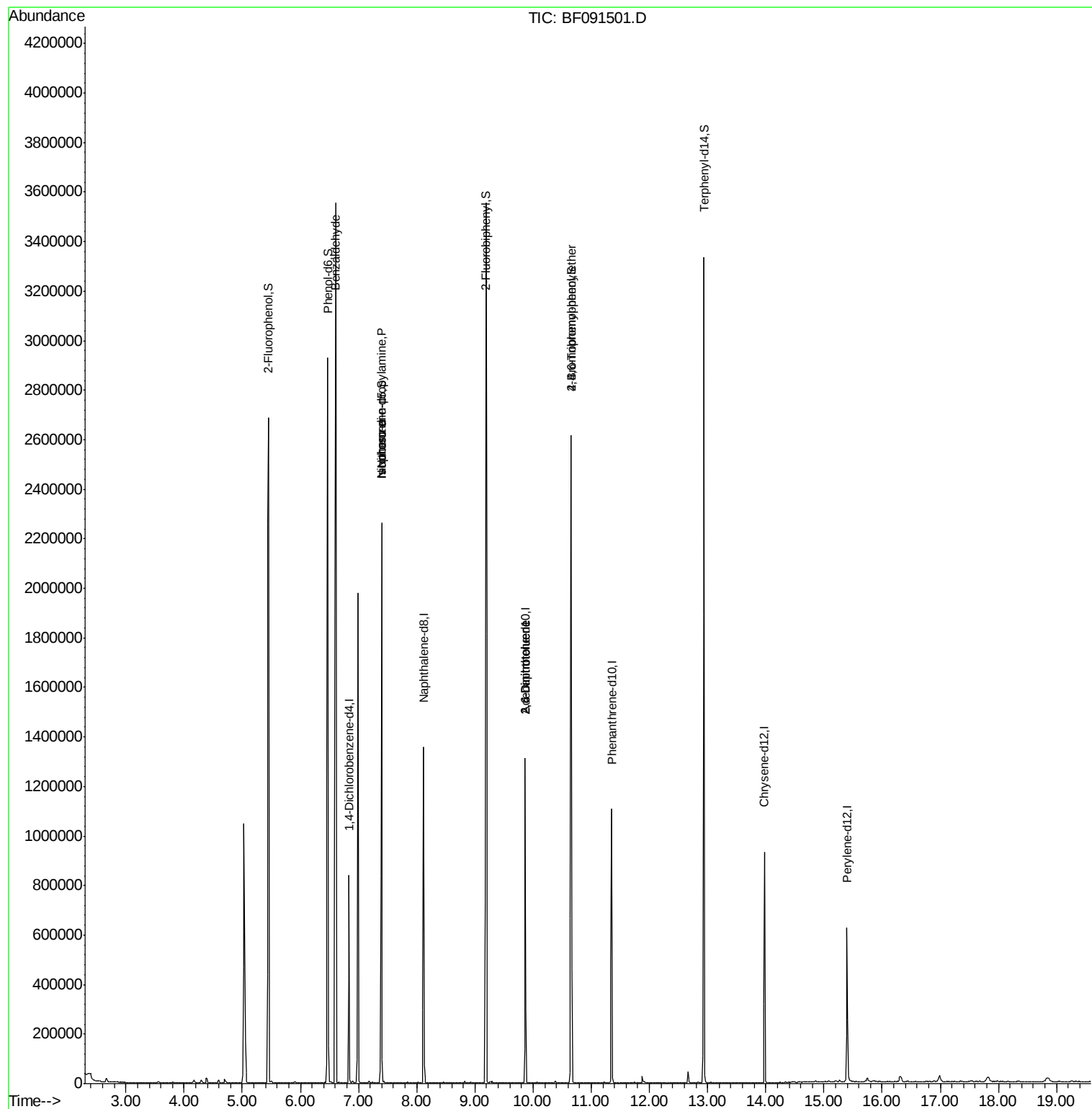
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	141567	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	572869	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	299071	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	481728	20.00	ng	0.00
75) Chrysene-d12	13.98	240	363970	20.00	ng	0.00
86) Perylene-d12	15.40	264	307314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	981357	113.24	ng	0.02
7) Phenol-d6	6.47	99	971871	91.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	720727	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	331695	117.15	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1482713	89.77	ng	-0.01
78) Terphenyl-d14	12.94	244	1331983	79.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	25364	3.70	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.40	70	100143	14.90	ng	# 72
25) Isophorone	7.40	82	525689	29.03	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	39017	9.64	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	39019	7.43	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	20501	3.96	ng	# 1

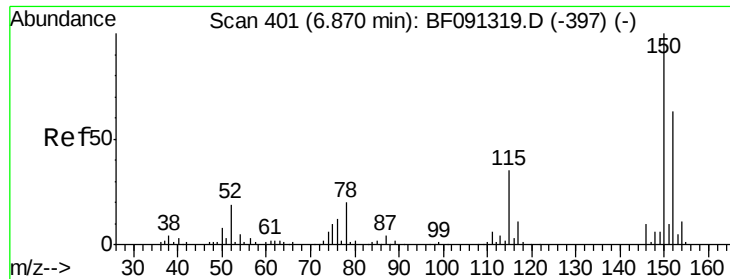
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

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ClientSampleId :

N002-WD-OF-01-01

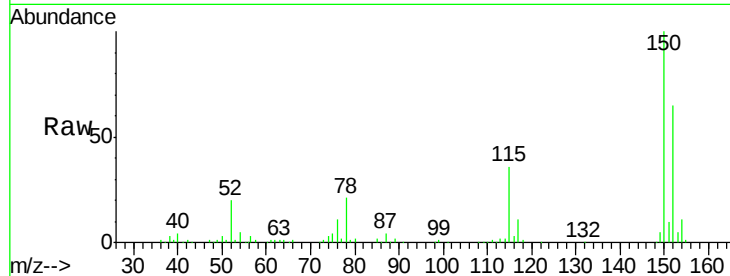
Tgt Ion:152 Resp: 141567

Ion Ratio Lower Upper

152 100

150 155.0 122.5 183.7

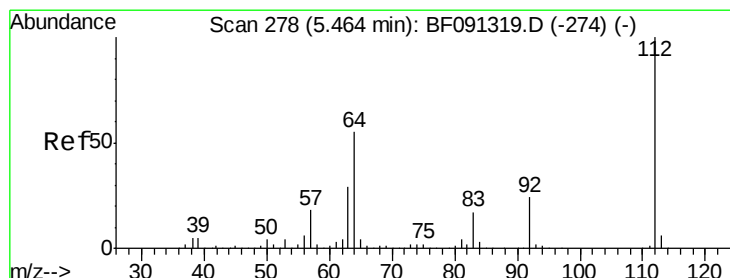
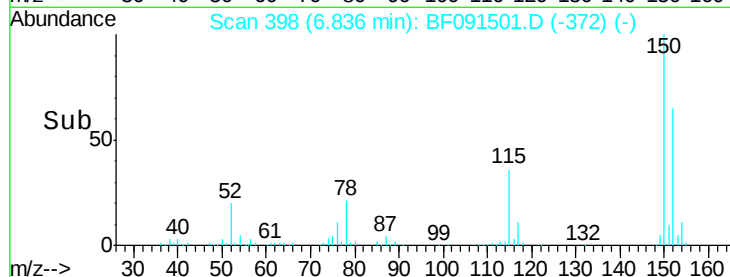
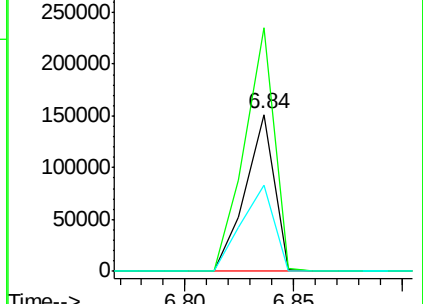
115 55.1 51.8 77.8



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: 113.24 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

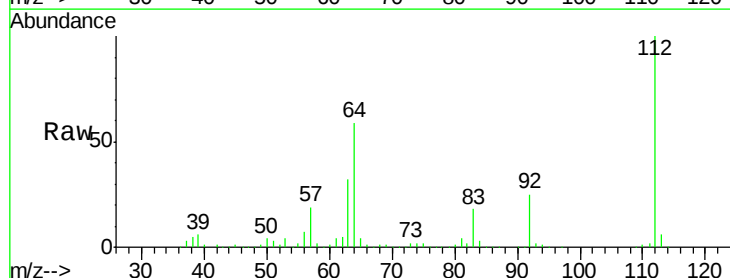
Tgt Ion:112 Resp: 981357

Ion Ratio Lower Upper

112 100

64 59.3 61.5 92.3#

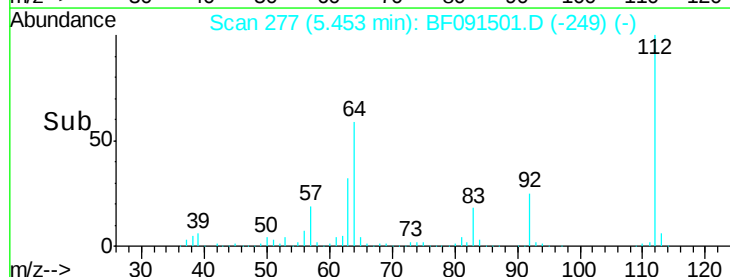
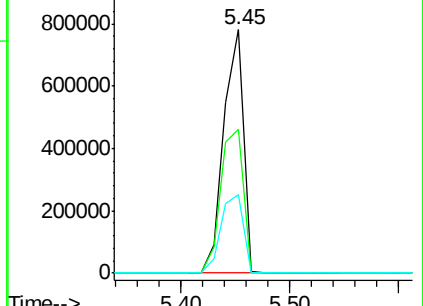
63 32.2 33.3 49.9#

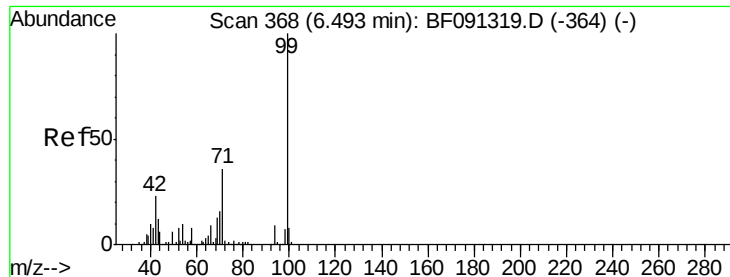


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.11 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

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ClientSampleId :

N002-WD-OF-01-01

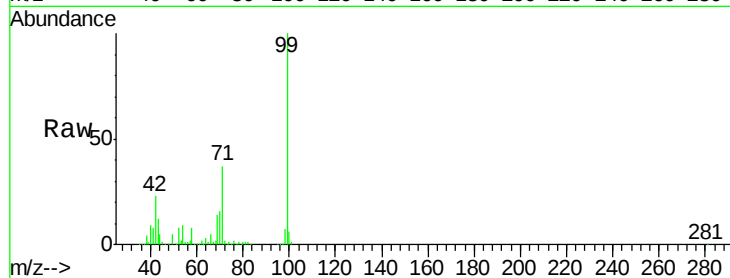
Tgt Ion: 99 Resp: 971871

Ion Ratio Lower Upper

99 100

42 22.9 20.6 31.0

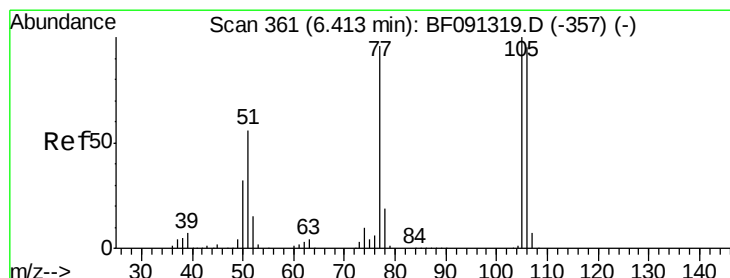
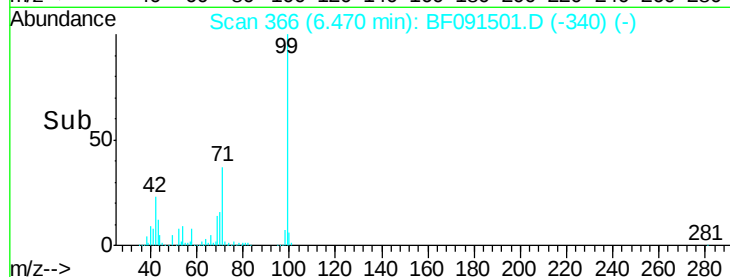
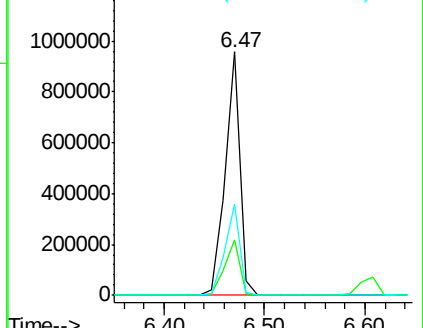
71 37.4 29.9 44.9



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: 3.70 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

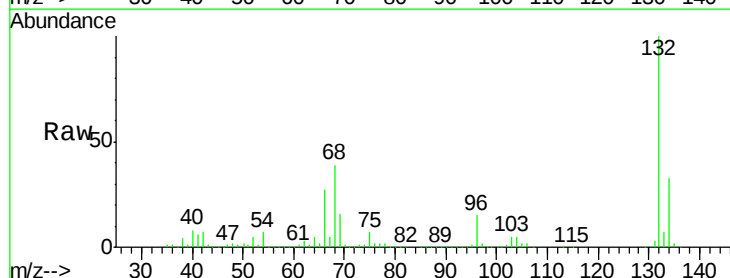
Tgt Ion: 77 Resp: 25364

Ion Ratio Lower Upper

77 100

105 77.7 66.4 106.4

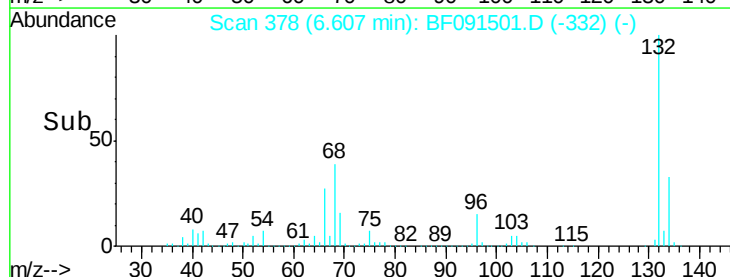
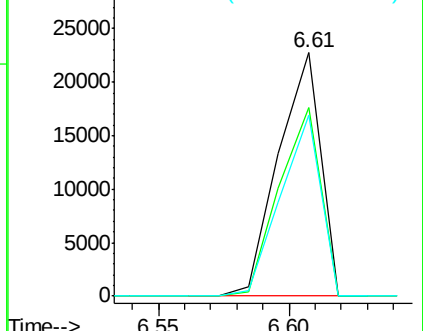
106 74.3 60.9 100.9

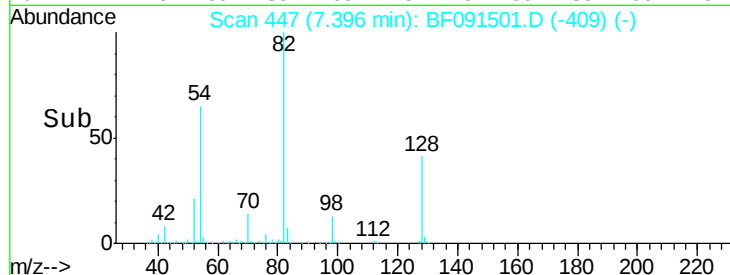
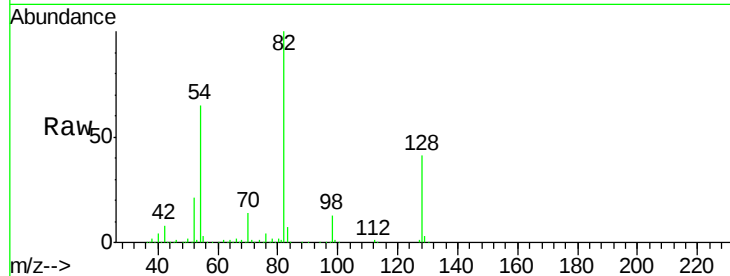
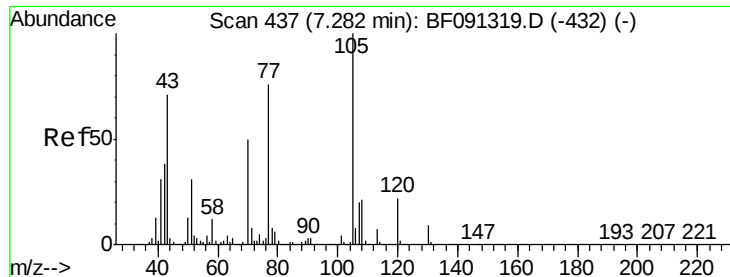


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

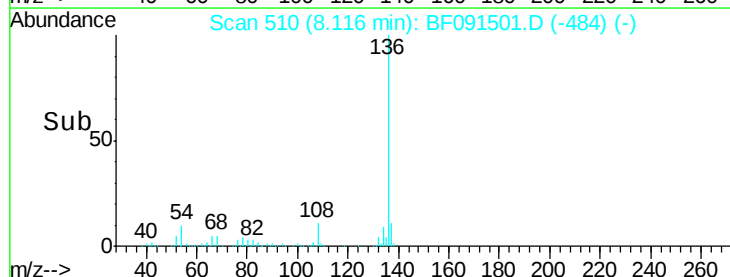
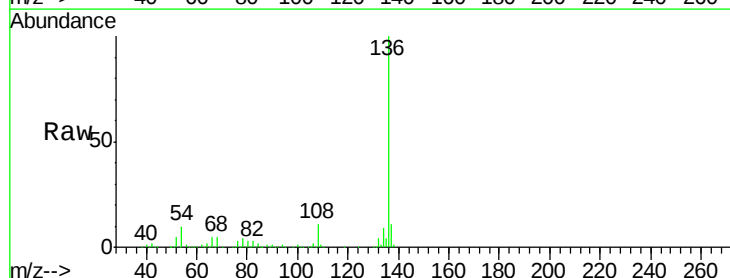
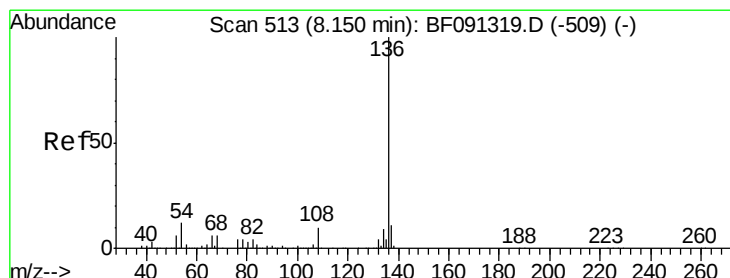
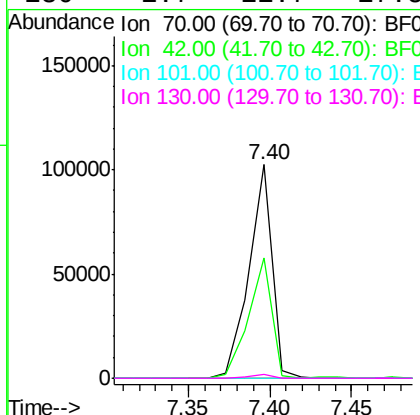




#19
n-Nitroso-di-n-propylamine
Concen: 14.90 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091501.D
Acq: 8 Dec 2016 6:55

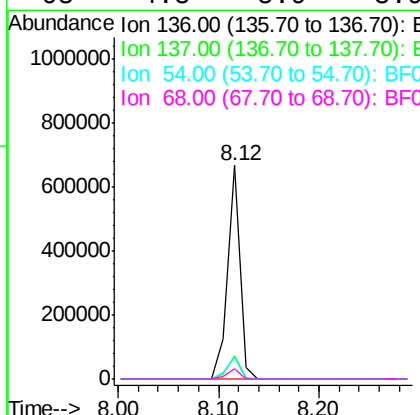
Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-01-01

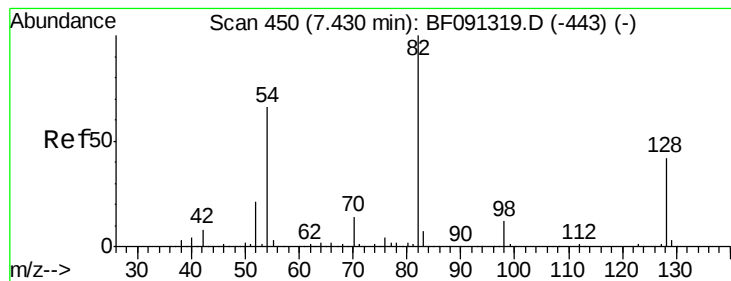
Tgt Ion: 70 Resp: 100143
Ion Ratio Lower Upper
70 100
42 56.3 64.8 97.2#
101 0.0 6.2 9.4#
130 1.7 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091501.D
Acq: 8 Dec 2016 6:55

Tgt Ion: 136 Resp: 572869
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.0 9.1 13.7
68 4.5 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 70.50 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

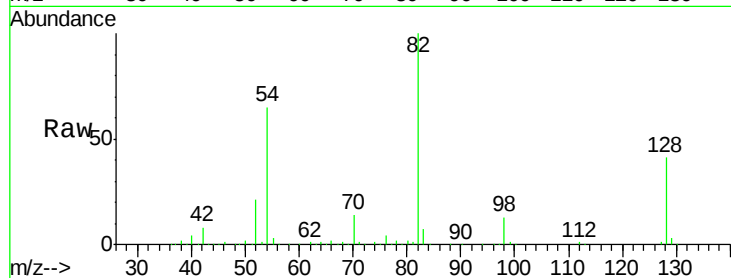
Tgt Ion: 82 Resp: 720727

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

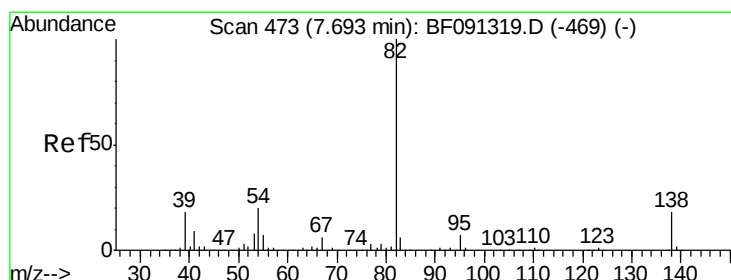
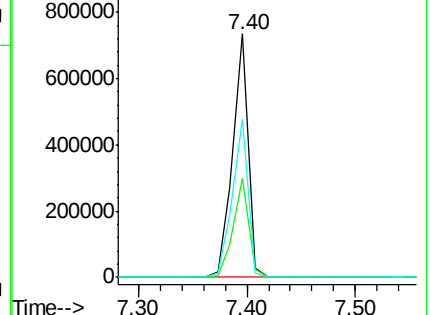
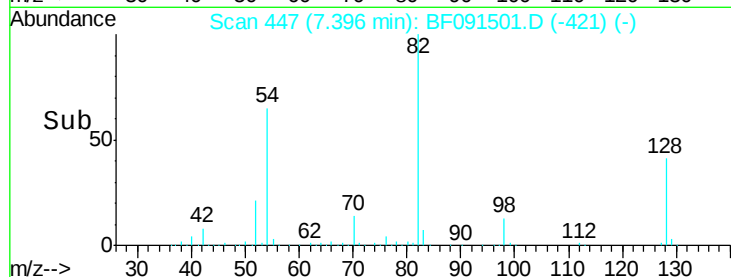
54 64.8 49.1 73.7



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: 29.03 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

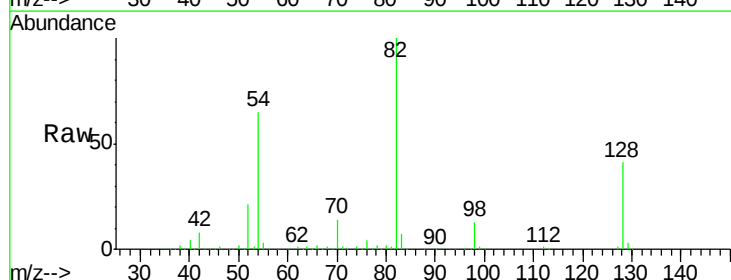
Tgt Ion: 82 Resp: 525689

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

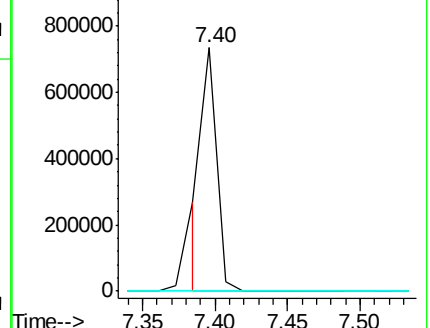
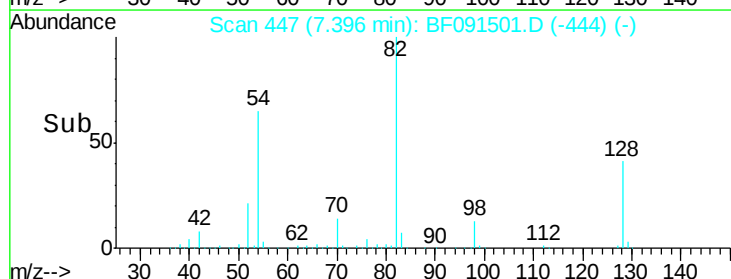
138 0.0 13.4 20.0#

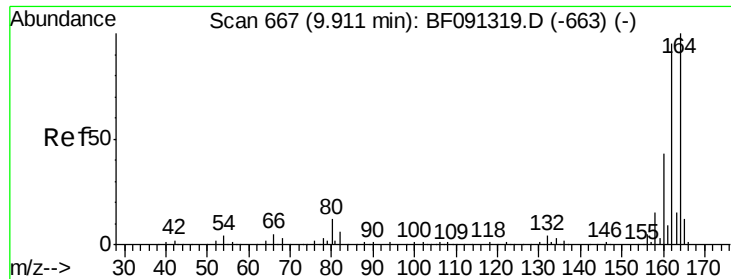


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

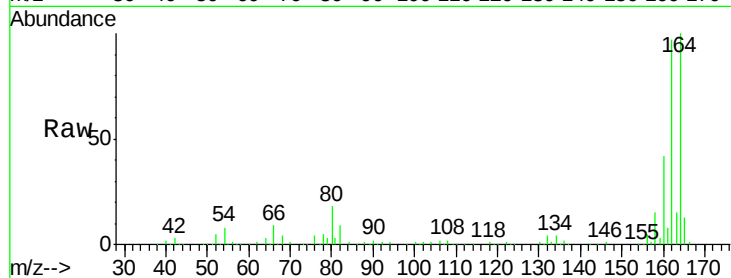
Tgt Ion:164 Resp: 299071

Ion Ratio Lower Upper

164 100

162 96.6 82.6 124.0

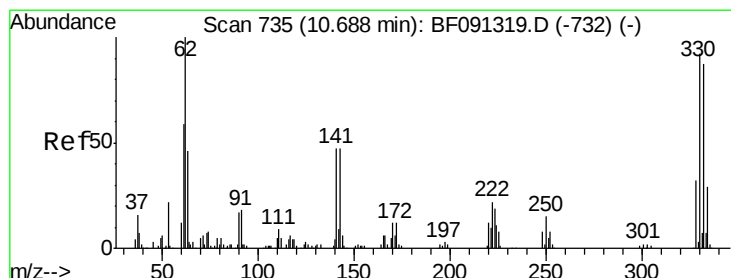
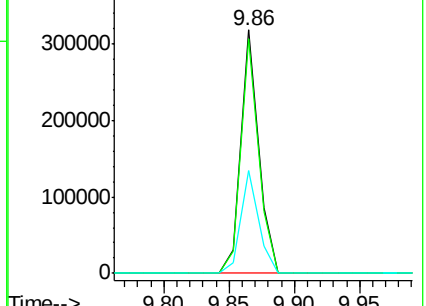
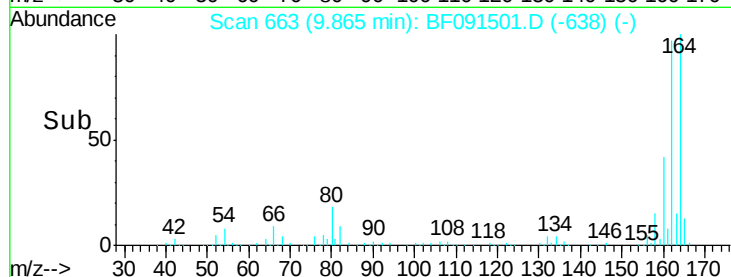
160 42.0 36.7 55.1



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: 117.15 ng

RT: 10.65 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

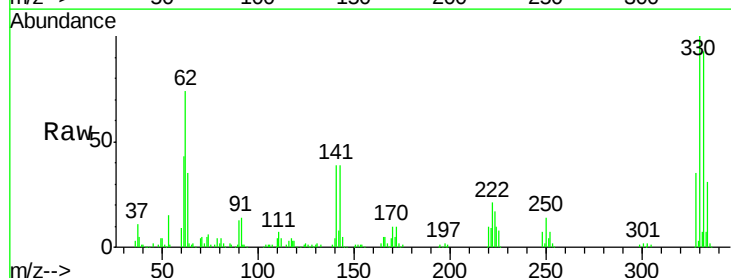
Tgt Ion:330 Resp: 331695

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

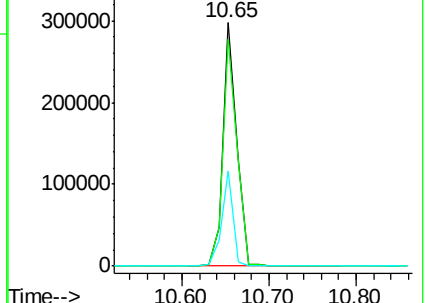
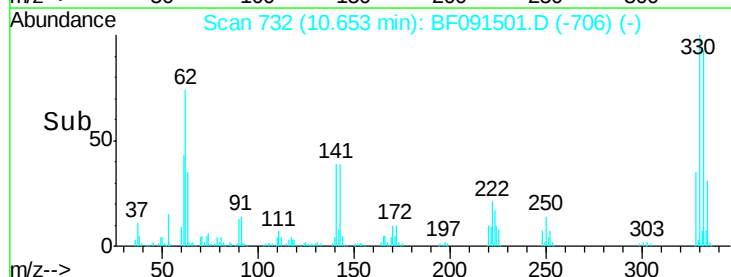
141 32.4 33.6 50.4#

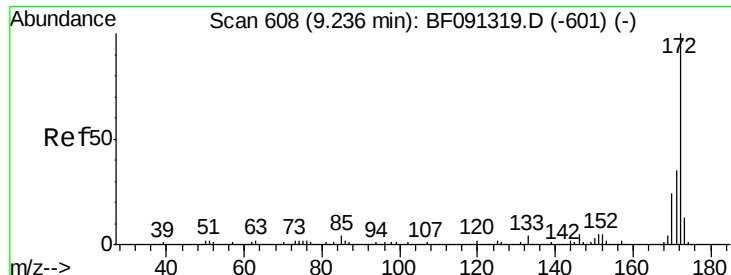


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

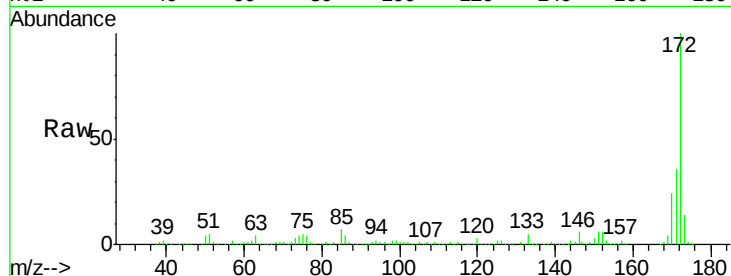




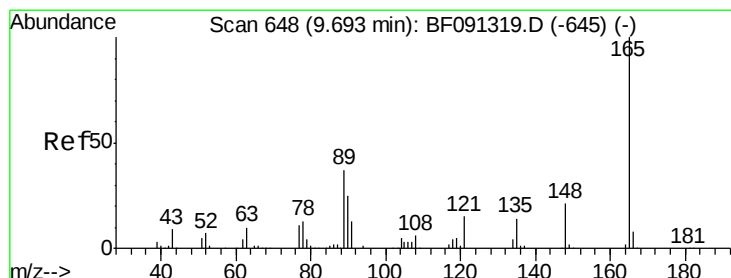
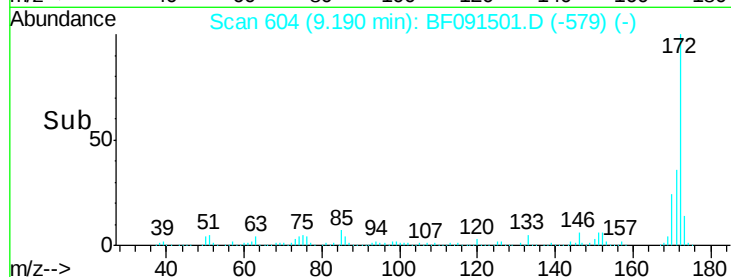
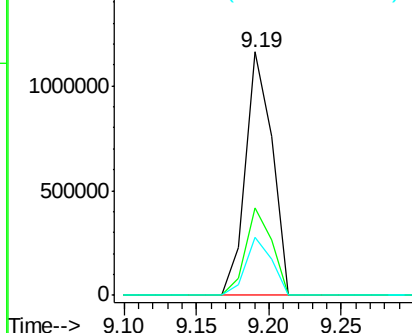
#44
 2-Fluorobiphenyl
 Concen: 89.77 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Instrument :
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Tgt Ion:172 Resp: 1482713
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.7 19.7 29.5

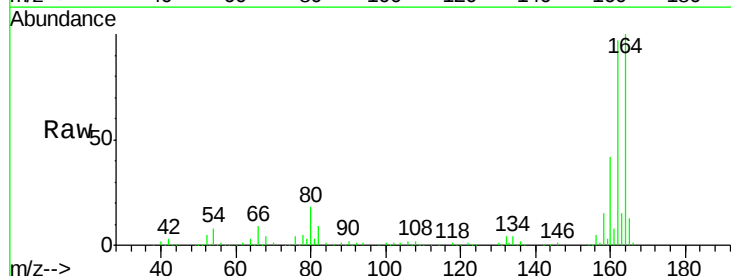


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

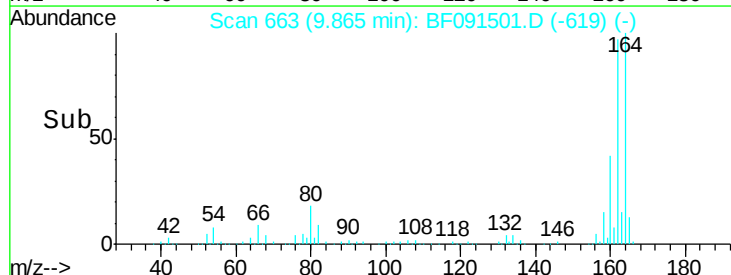
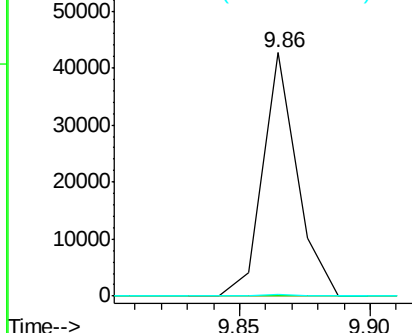


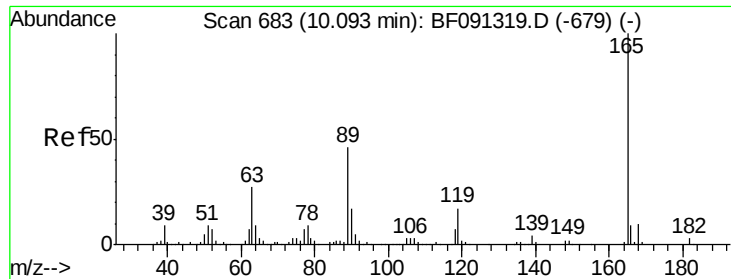
#50
 2,6-Dinitrotoluene
 Concen: 9.64 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion:165 Resp: 39017
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.4 89.0#
 89 1.0 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

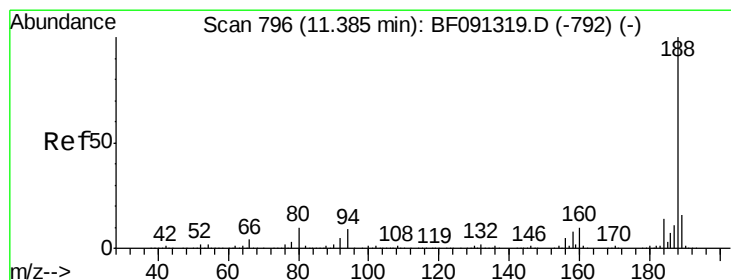
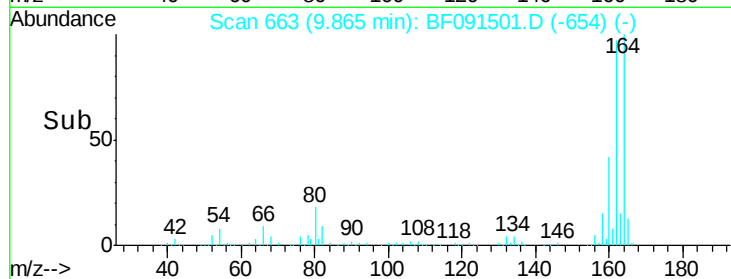
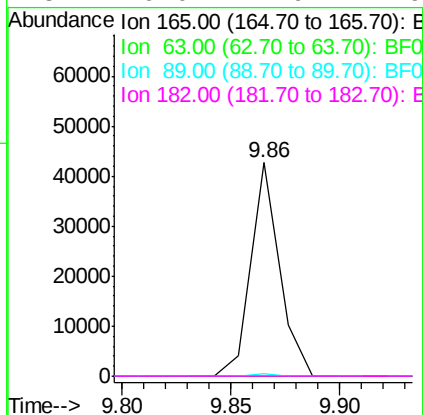
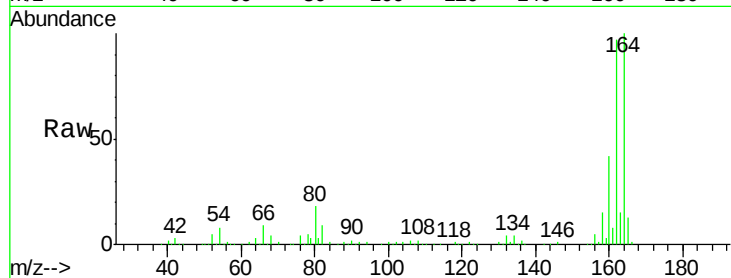




#56
 2,4-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

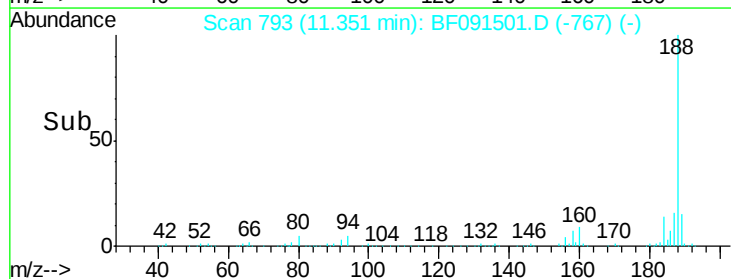
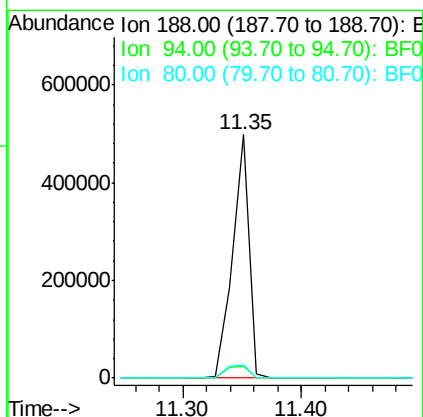
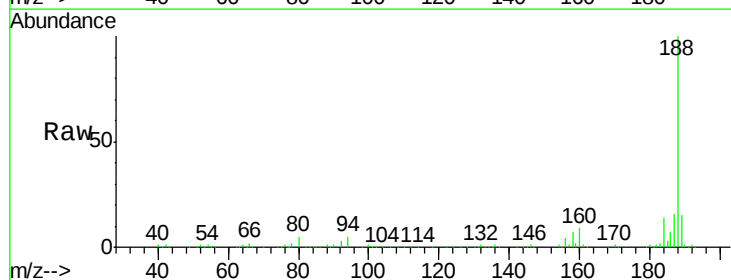
Instrument :
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 ClientSampleId :
 N002-WD-OF-01-01

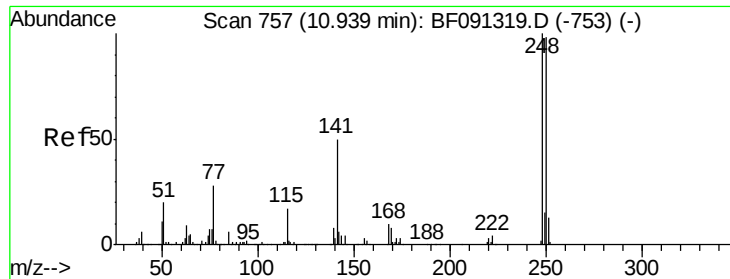
Tgt Ion:	165	Resp:	39019
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion:	188	Resp:	481728
Ion	Ratio	Lower	Upper
188	100		
94	4.8	9.2	13.8#
80	5.2	10.5	15.7#

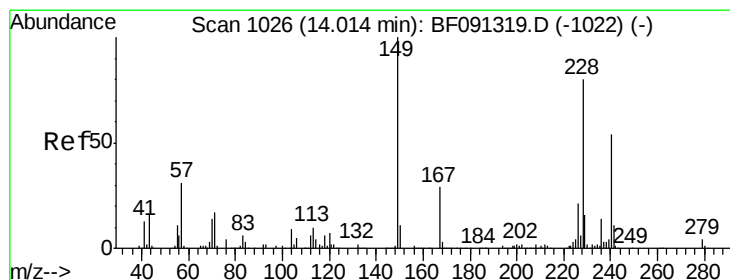
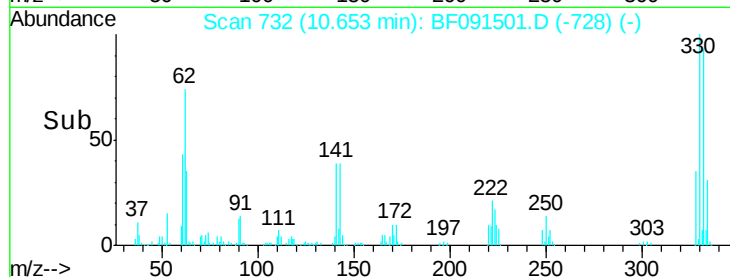
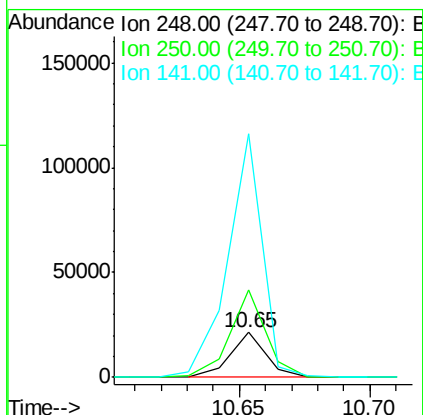
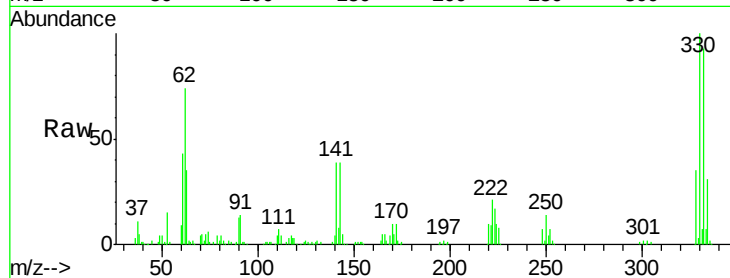




#66
 4-Bromophenyl-phenylether
 Concen: 3.96 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.25 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

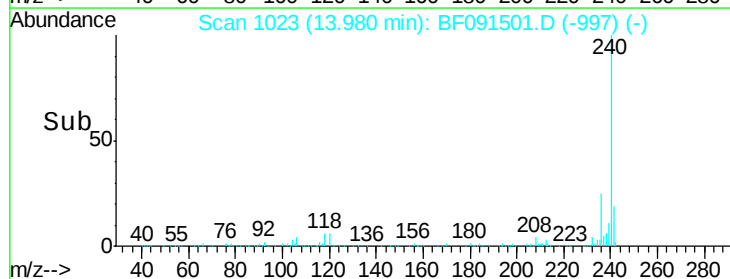
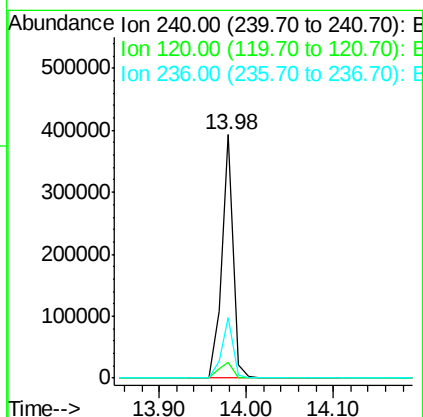
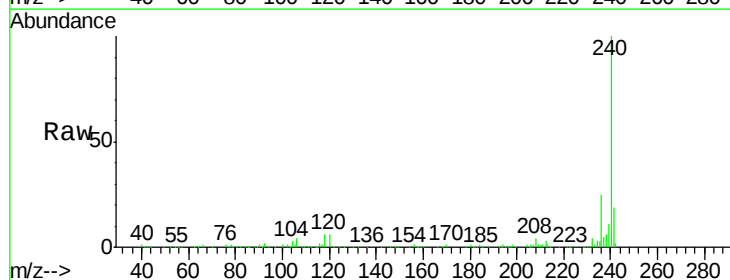
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

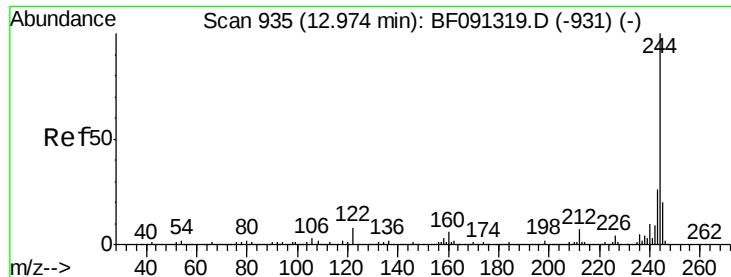
Tgt Ion:248 Resp: 20501
 Ion Ratio Lower Upper
 248 100
 250 195.1 78.2 117.4#
 141 542.8 71.9 107.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion:240 Resp: 363970
 Ion Ratio Lower Upper
 240 100
 120 6.4 12.1 18.1#
 236 24.7 21.0 31.6

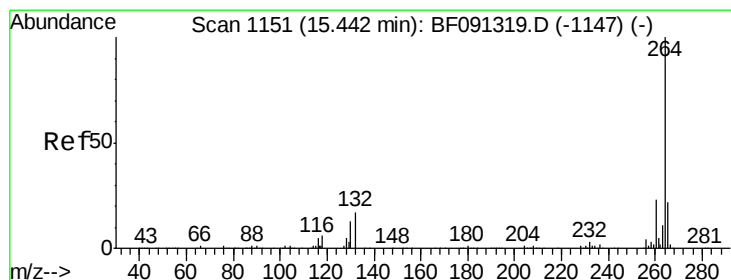
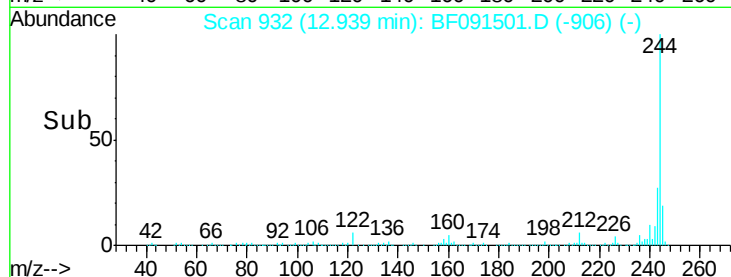
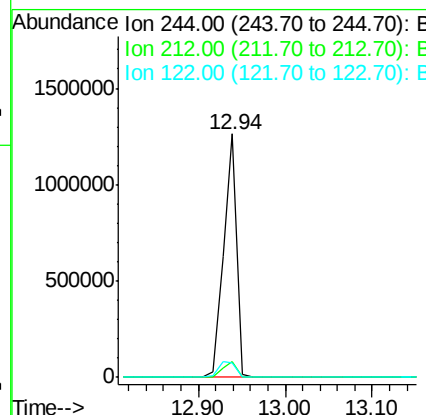
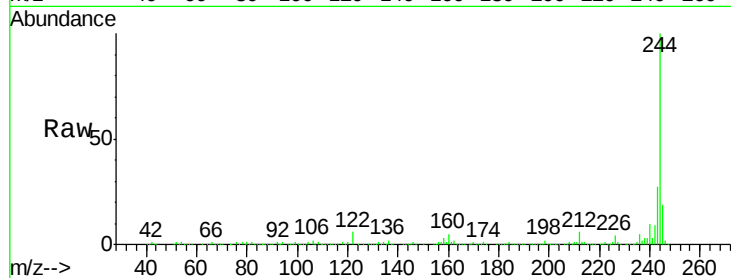




#78
 Terphenyl-d14
 Concen: 79.54 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Tgt Ion:244 Resp: 1331983
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 6.0 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion:264 Resp: 307314
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.2 17.0 25.6

