

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091456.D
 Acq On : 6 Dec 2016 14:07
 Operator : UM/SJ
 Sample : PB95080BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BL

Quant Time: Dec 06 23:59:32 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

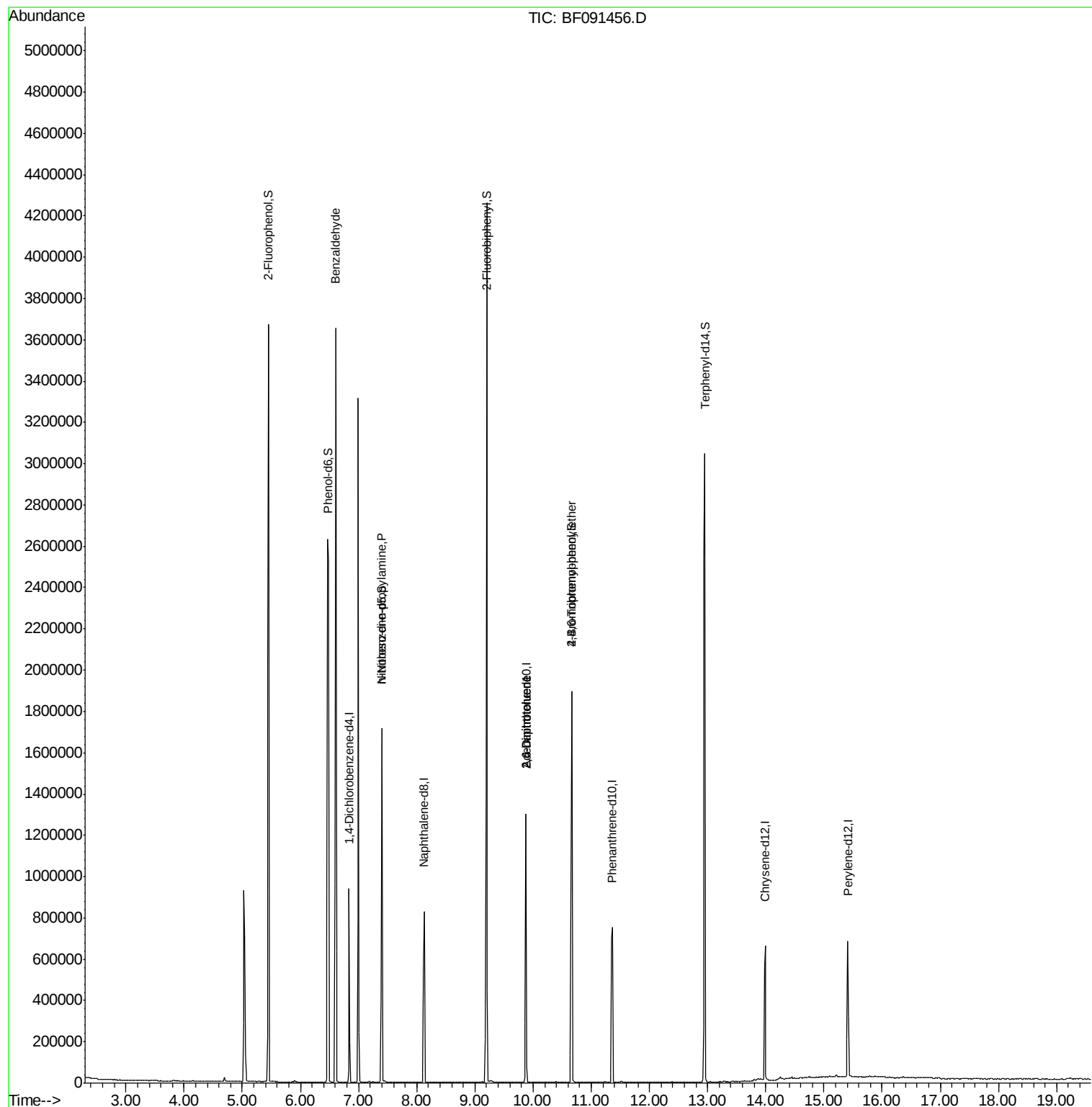
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125335	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	488868	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	284863	20.00	ng	-0.04
63) Phenanthrene-d10	11.36	188	439024	20.00	ng	-0.04
75) Chrysene-d12	13.99	240	328222	20.00	ng	-0.05
86) Perylene-d12	15.41	264	312453	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1010385	131.69	ng	-0.02
7) Phenol-d6	6.48	99	1338355	141.71	ng	-0.02
23) Nitrobenzene-d5	7.40	82	821145	94.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.66	330	289144	107.22	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1443659	91.76	ng	-0.04
78) Terphenyl-d14	12.95	244	1454805	96.34	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.61	77	24366	4.01	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.40	70	109247	18.36	ng	# 76
50) 2,6-Dinitrotoluene	9.88	165	37648	9.77	ng	# 16
56) 2,4-Dinitrotoluene	9.88	165	37651	7.53	ng	# 33
66) 4-Bromophenyl-phenylether	10.66	248	17785	3.77	ng	# 1

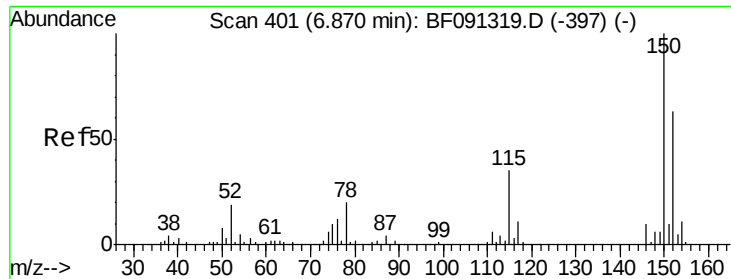
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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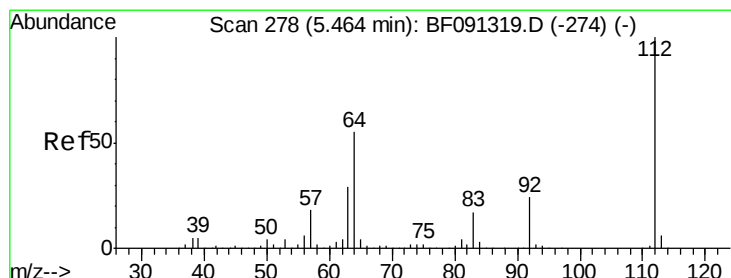
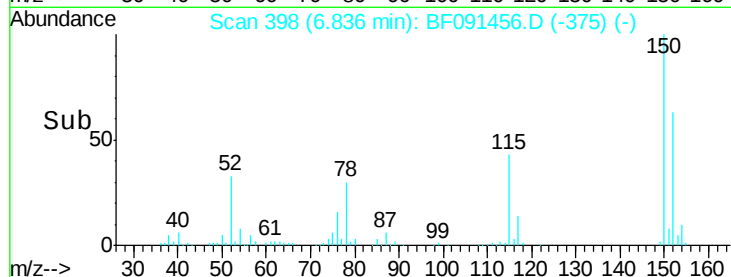
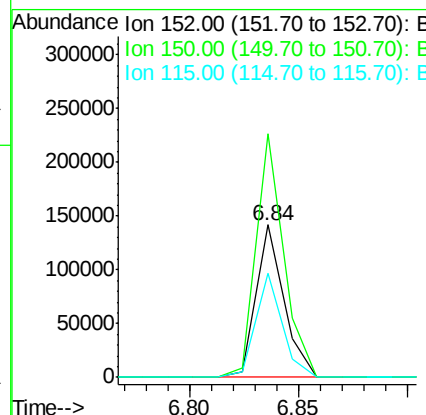
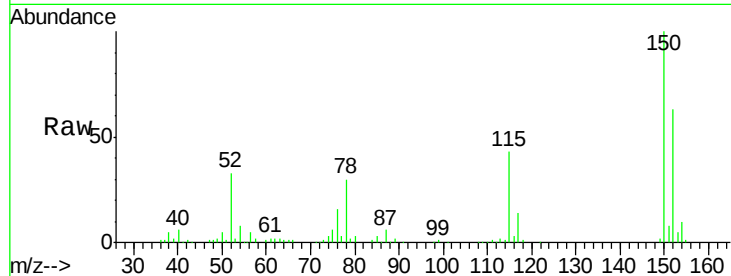




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.04 min
 Lab File: BF091456.D
 Acq: 6 Dec 2016 14:07

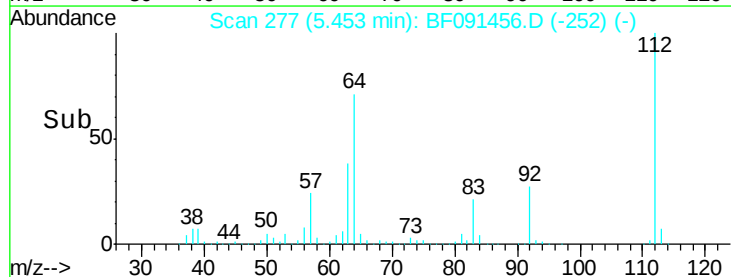
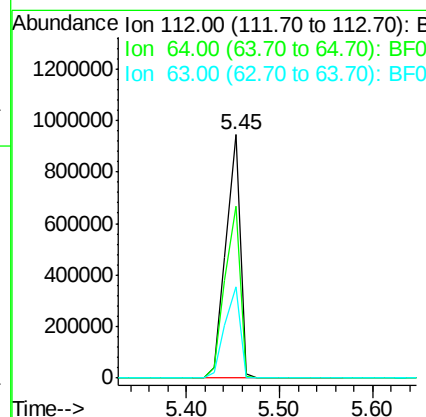
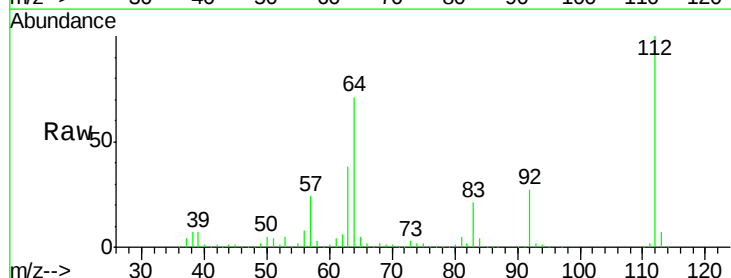
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BL

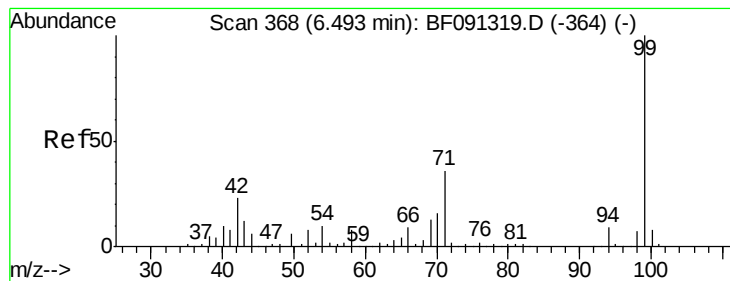
Tgt Ion:152 Resp: 125335
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.5 183.7
 115 67.9 51.8 77.8



#5
 2-Fluorophenol
 Concen: 131.69 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF091456.D
 Acq: 6 Dec 2016 14:07

Tgt Ion:112 Resp: 1010385
 Ion Ratio Lower Upper
 112 100
 64 70.6 61.5 92.3
 63 37.6 33.3 49.9





#7

Phenol-d6

Concen: 141.71 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091456.D

Acq: 6 Dec 2016 14:07

Instrument :

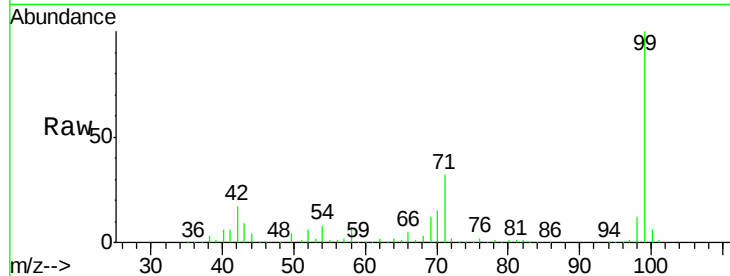
BNA_F

ClientSampleId :

PB95080BL

Tgt Ion: 99 Resp: 1338355

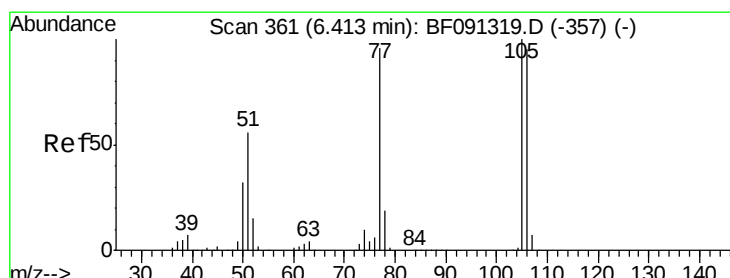
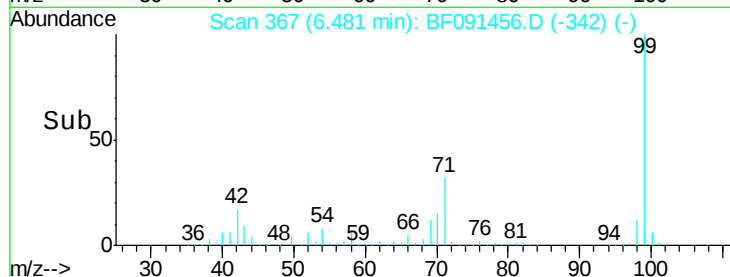
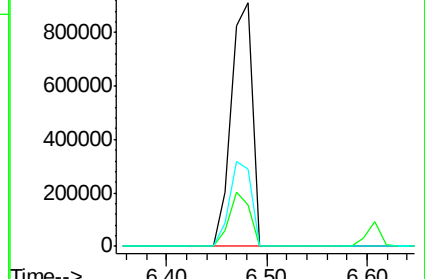
Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.6	31.0#
71	31.6	29.9	44.9



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



#9

Benzaldehyde

Concen: 4.01 ng

RT: 6.61 min Scan# 378

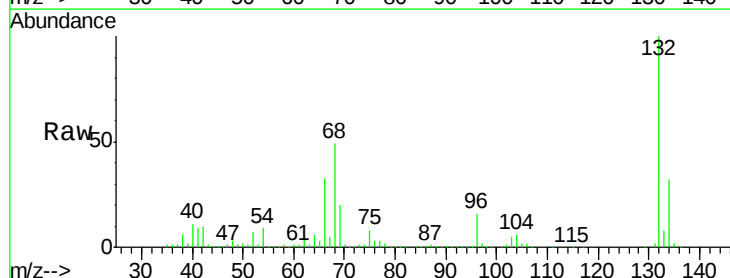
Delta R.T. 0.19 min

Lab File: BF091456.D

Acq: 6 Dec 2016 14:07

Tgt Ion: 77 Resp: 24366

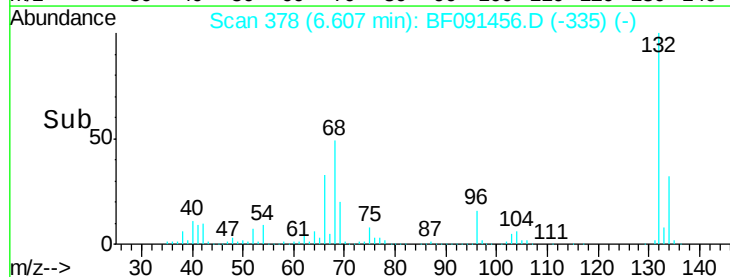
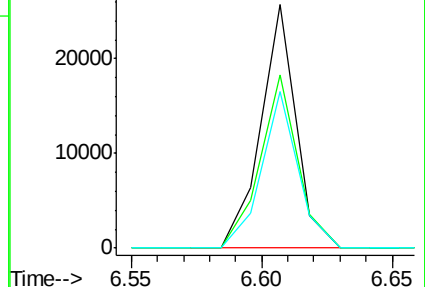
Ion	Ratio	Lower	Upper
77	100		
105	71.1	66.4	106.4
106	64.1	60.9	100.9

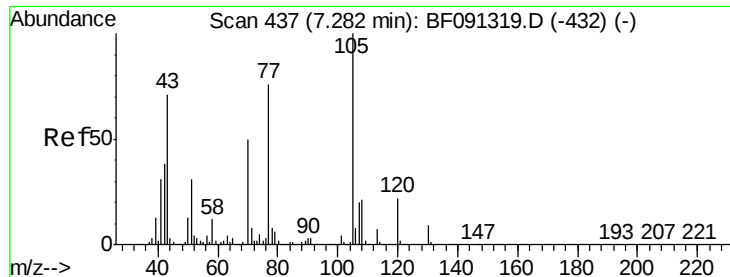


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

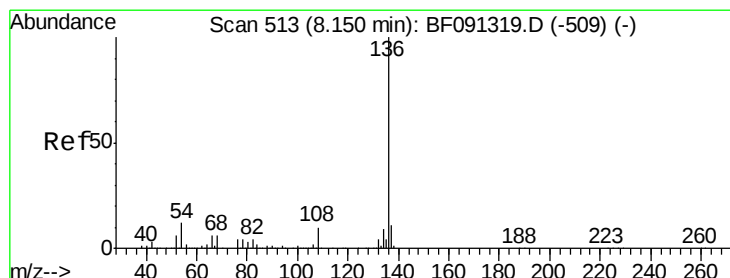
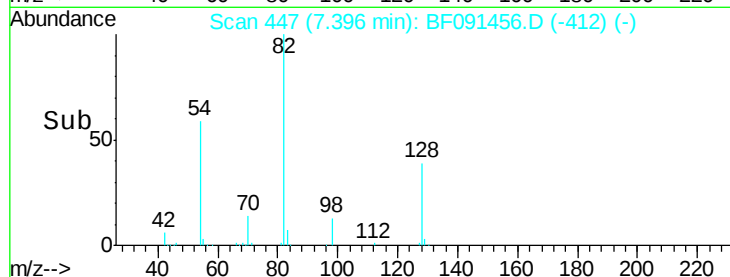
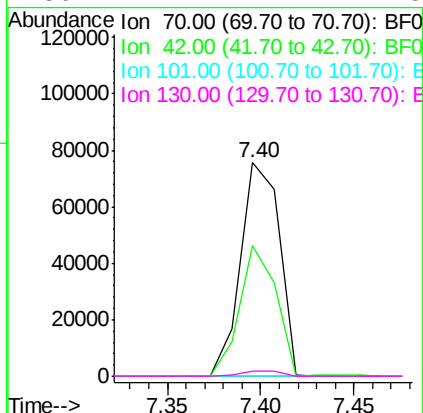
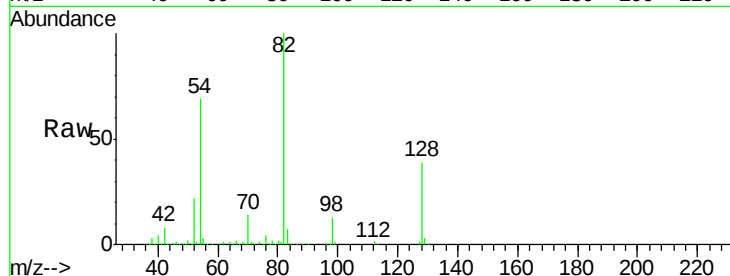




#19
n-Nitroso-di-n-propylamine
Concen: 18.36 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.10 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

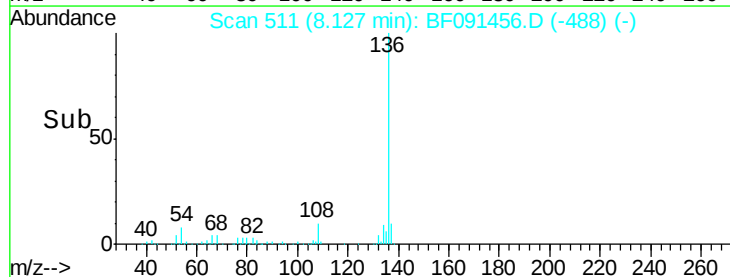
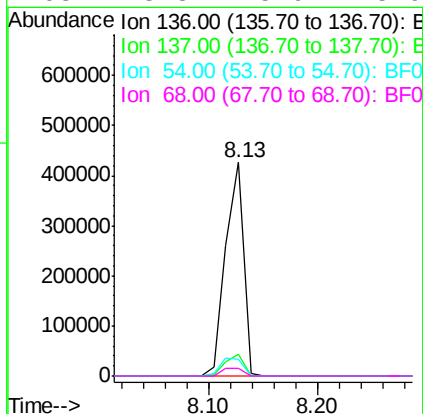
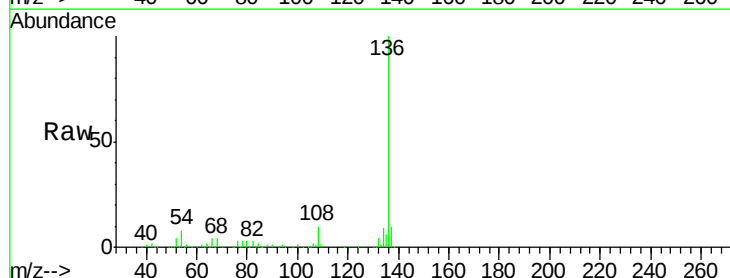
Instrument :
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PB95080BL

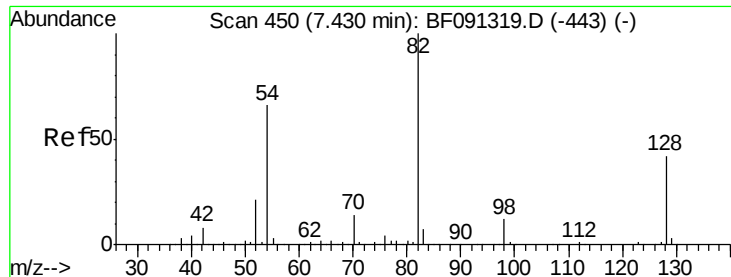
Tgt Ion: 70 Resp: 109247
Ion Ratio Lower Upper
70 100
42 60.9 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

Tgt Ion: 136 Resp: 488868
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 7.8 9.1 13.7#
68 3.8 5.9 8.9#

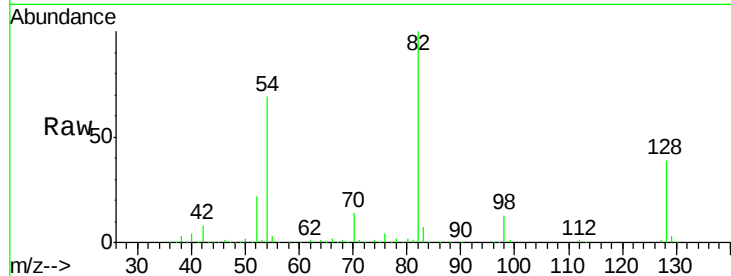




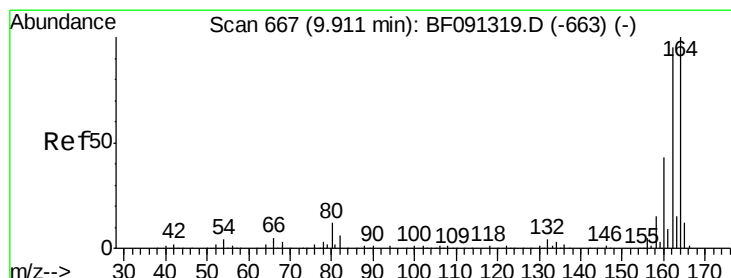
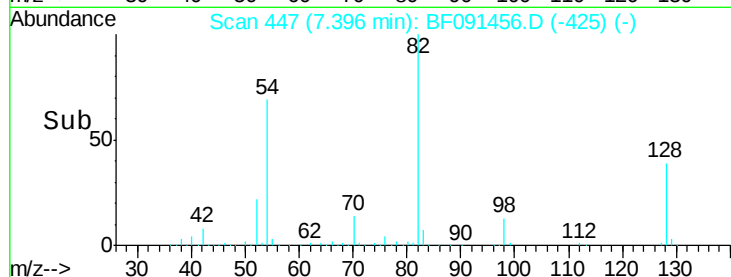
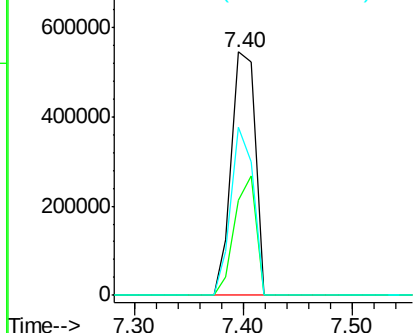
#23
 Nitrobenzene-d5
 Concen: 94.13 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.05 min
 Lab File: BF091456.D
 Acq: 6 Dec 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BL

Tgt Ion: 82 Resp: 821145
 Ion Ratio Lower Upper
 82 100
 128 39.2 31.8 47.6
 54 69.0 49.1 73.7

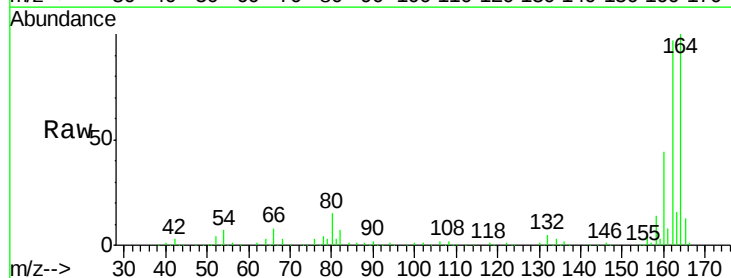


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

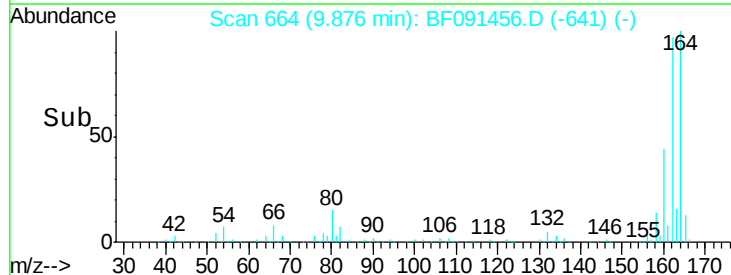
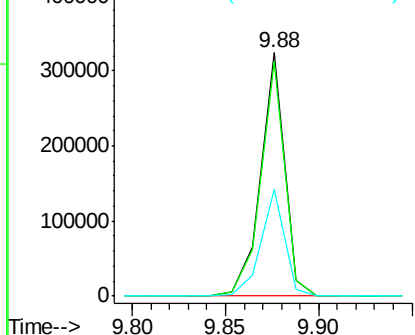


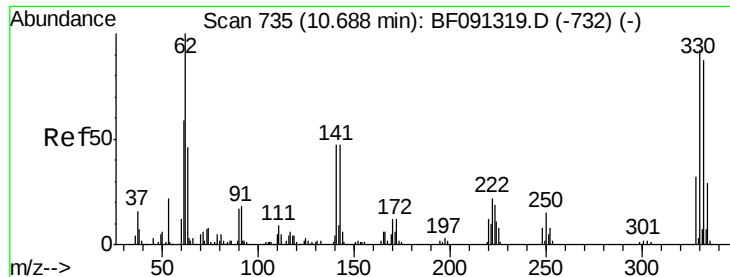
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: BF091456.D
 Acq: 6 Dec 2016 14:07

Tgt Ion: 164 Resp: 284863
 Ion Ratio Lower Upper
 164 100
 162 96.6 82.6 124.0
 160 43.9 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

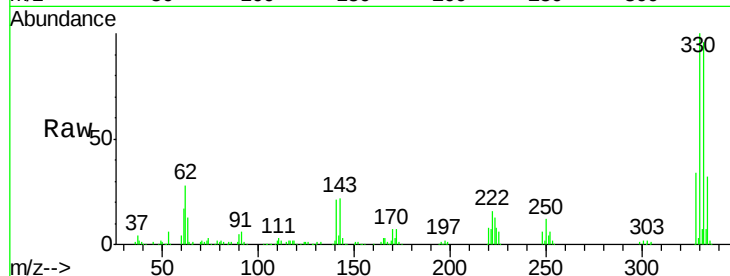




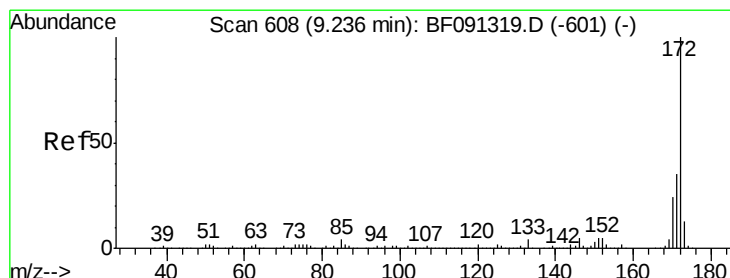
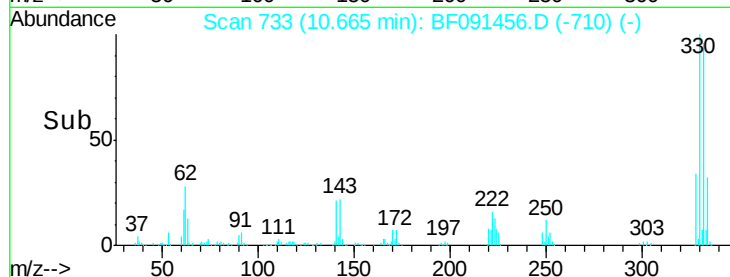
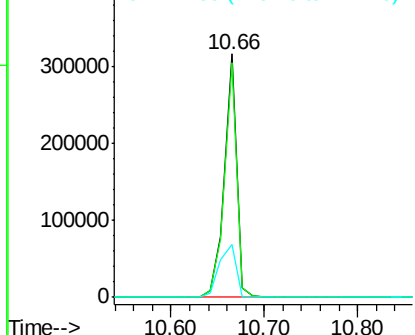
#41
 2,4,6-Tribromophenol
 Concen: 107.22 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091456.D
 Acq: 6 Dec 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BL

Tgt Ion:330 Resp: 289144
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 29.6 33.6 50.4#

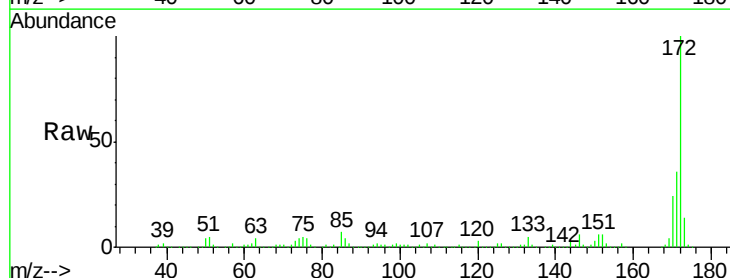


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

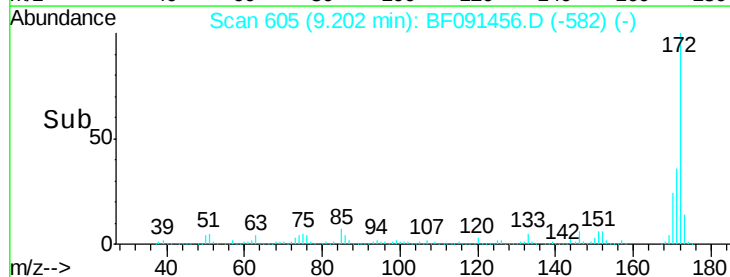
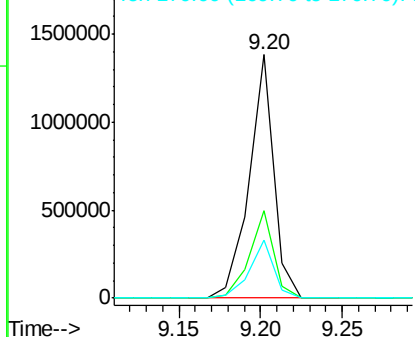


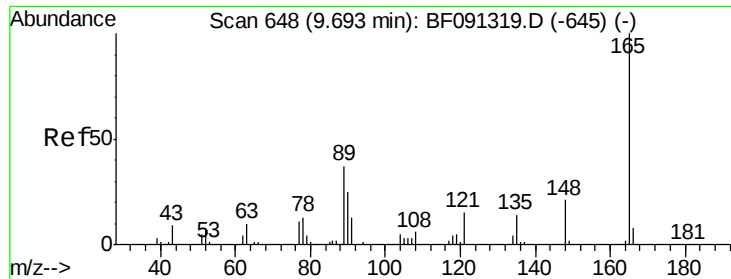
#44
 2-Fluorobiphenyl
 Concen: 91.76 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091456.D
 Acq: 6 Dec 2016 14:07

Tgt Ion:172 Resp: 1443659
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.1 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

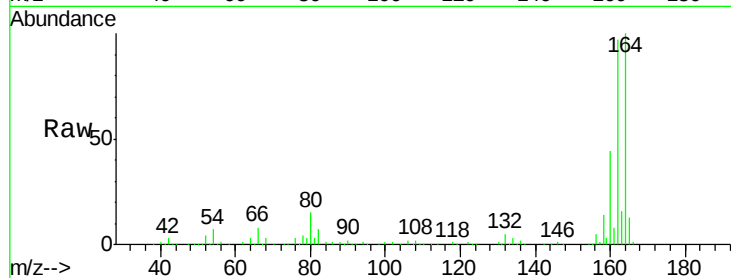




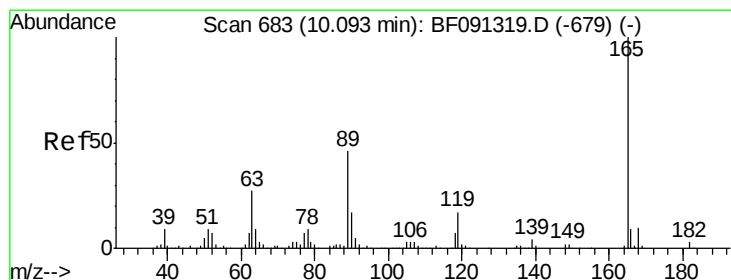
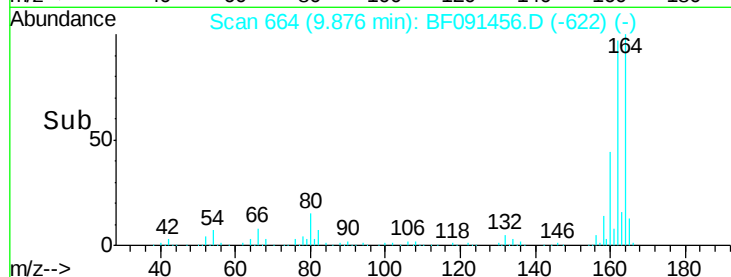
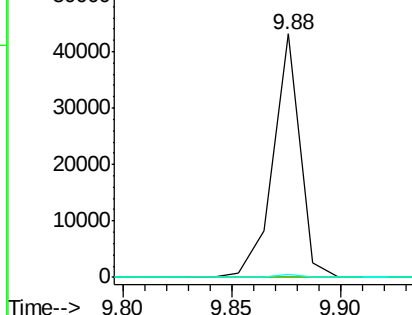
#50
2,6-Dinitrotoluene
Concen: 9.77 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.18 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.4	89.0#
89	1.1	50.8	76.2#



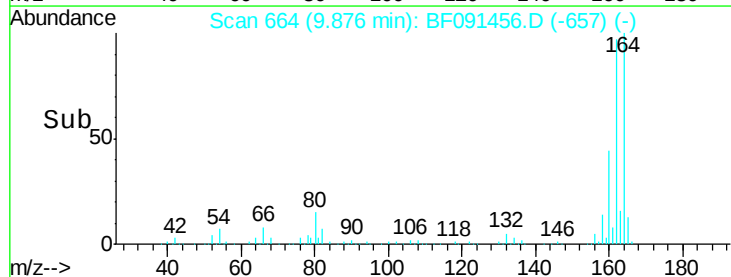
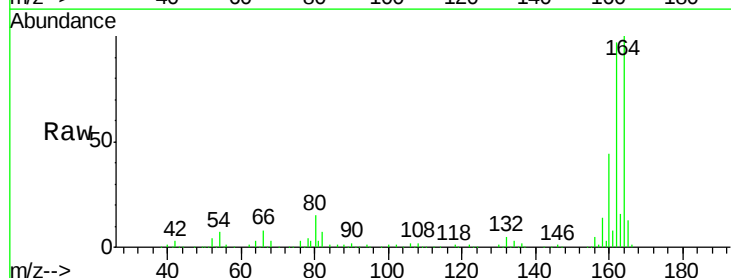
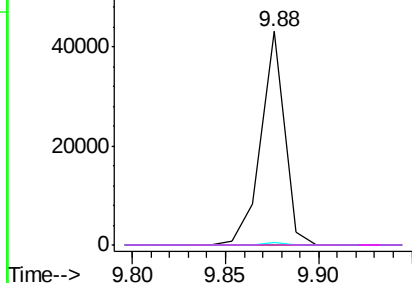
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

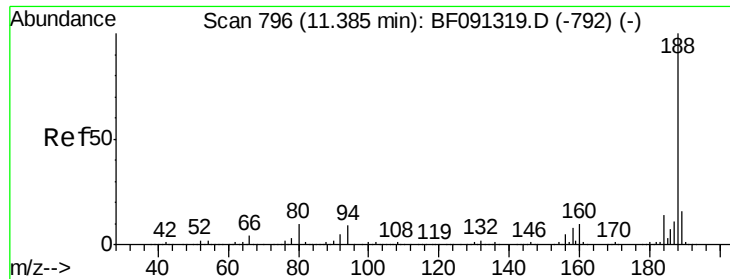


#56
2,4-Dinitrotoluene
Concen: 7.53 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.0	43.4#
89	1.1	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

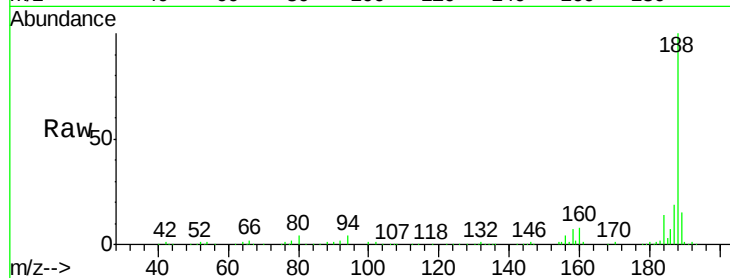




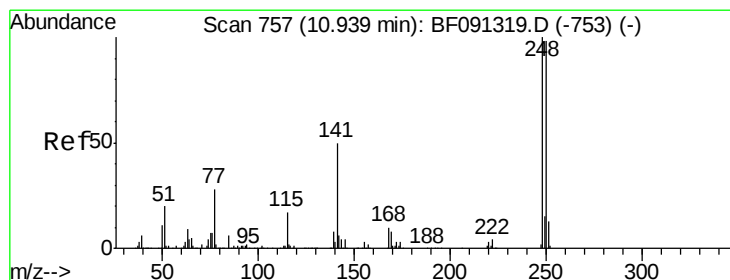
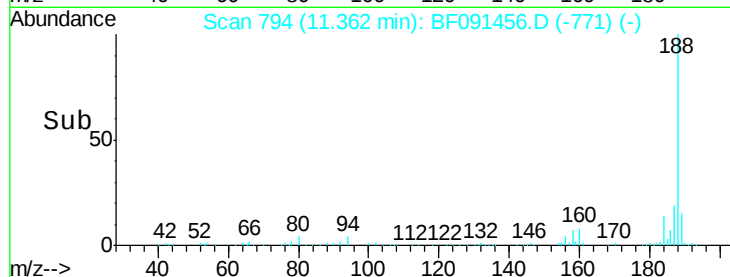
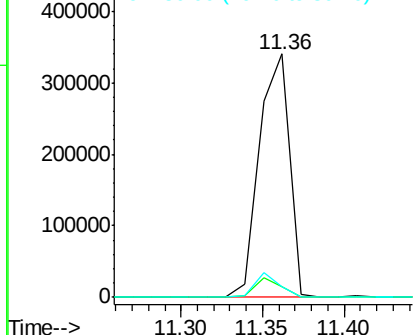
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

Instrument :
BNA_F
ClientSampleId :
PB95080BL

Tgt Ion:188 Resp: 439024
Ion Ratio Lower Upper
188 100
94 4.1 9.2 13.8#
80 4.2 10.5 15.7#

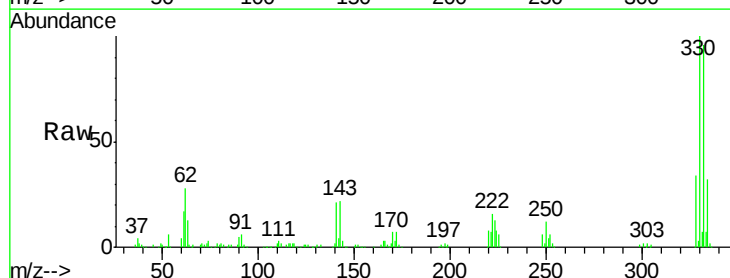


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

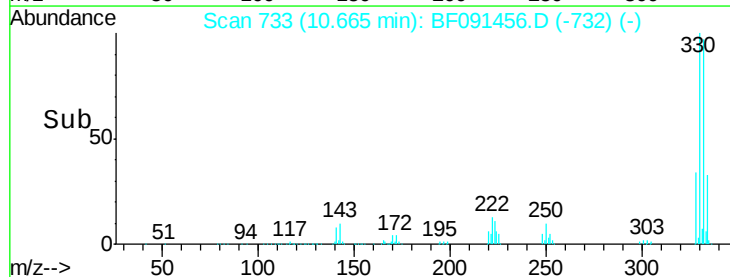
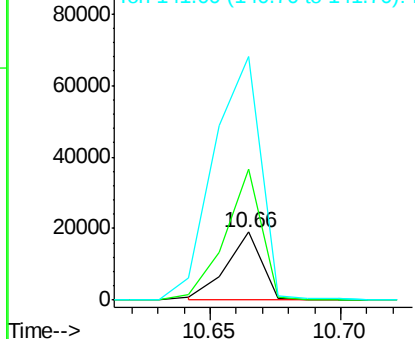


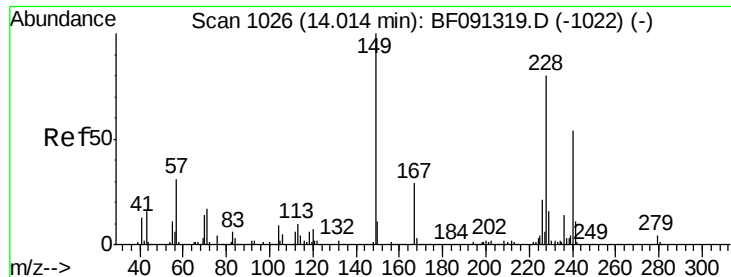
#66
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.29 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

Tgt Ion:248 Resp: 17785
Ion Ratio Lower Upper
248 100
250 193.0 78.2 117.4#
141 358.4 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: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091456.D

Acq: 6 Dec 2016 14:07

Instrument :

BNA_F

ClientSampleId :

PB95080BL

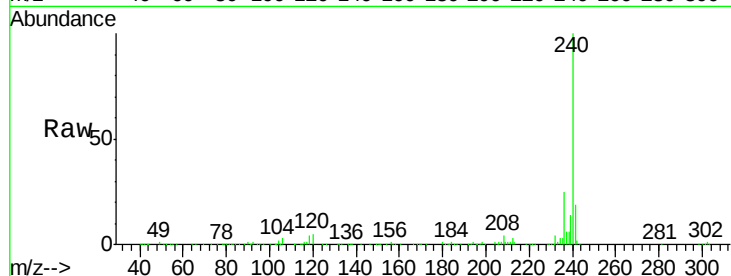
Tgt Ion:240 Resp: 328222

Ion Ratio Lower Upper

240 100

120 4.6 12.1 18.1#

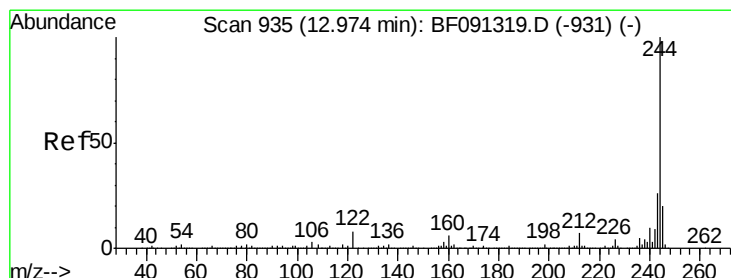
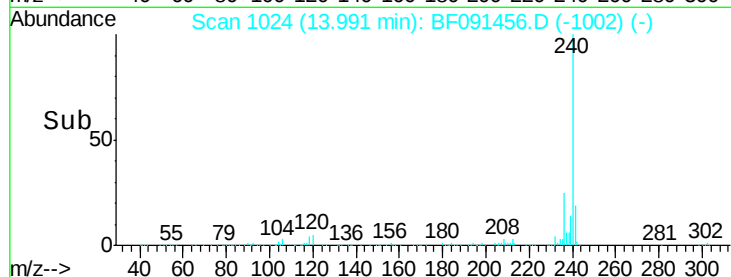
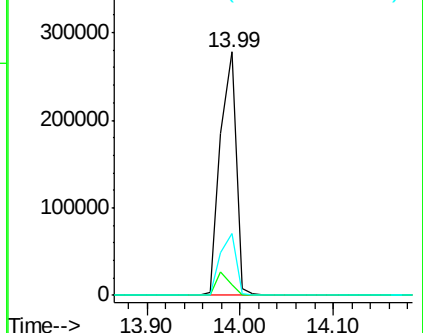
236 25.4 21.0 31.6



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: 96.34 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF091456.D

Acq: 6 Dec 2016 14:07

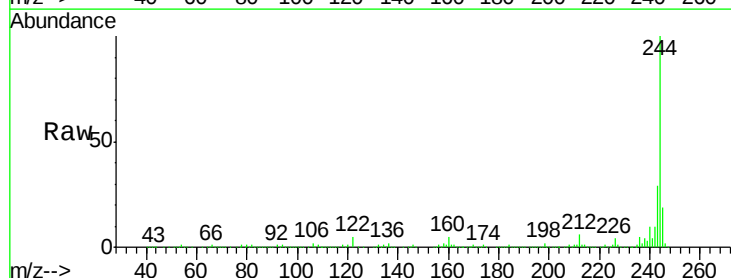
Tgt Ion:244 Resp: 1454805

Ion Ratio Lower Upper

244 100

212 6.4 6.5 9.7#

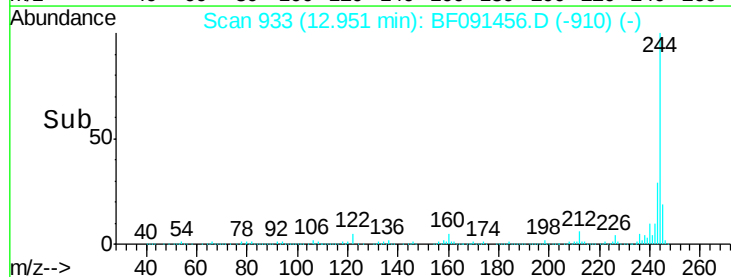
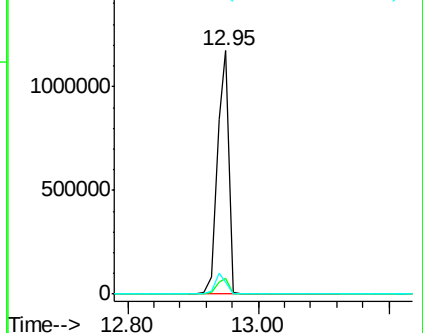
122 4.8 9.5 14.3#

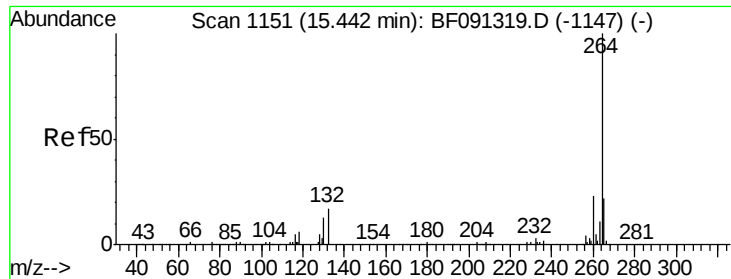


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF091456.D
Acq: 6 Dec 2016 14:07

Instrument :
BNA_F
ClientSampleId :
PB95080BL

Tgt Ion: 264 Resp: 312453

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.7	17.0	25.6

