

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090107.D
 Acq On : 16 Sep 2016 15:38
 Operator : UM/SJ
 Sample : PB93420BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BL

Quant Time: Sep 16 19:07:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

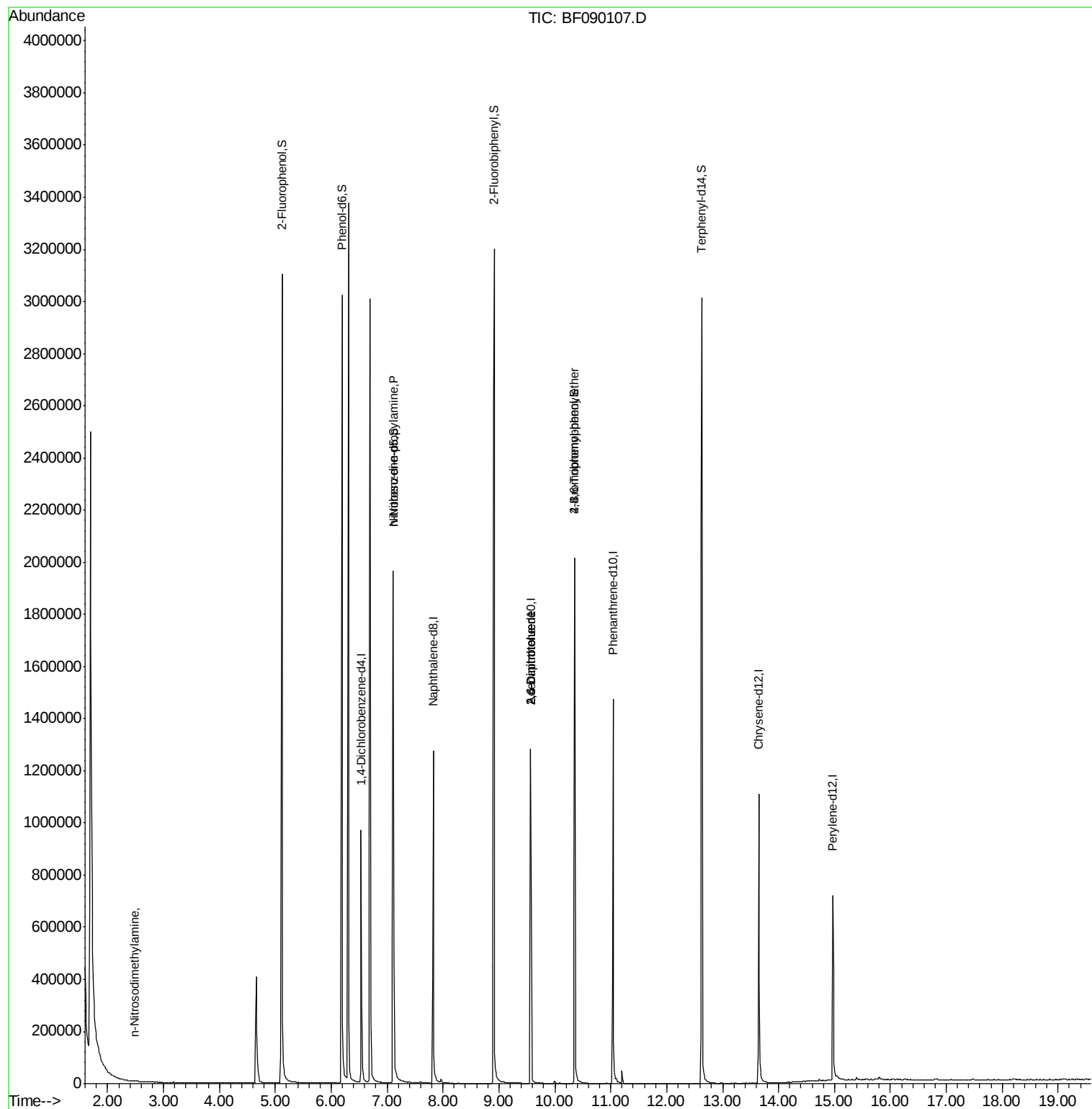
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170434	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	697431	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	361716	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	592467	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	463841	20.00	ng	-0.02
86) Perylene-d12	14.97	264	354819	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1191997	112.48	ng	0.00
7) Phenol-d6	6.19	99	1487205	107.20	ng	-0.01
23) Nitrobenzene-d5	7.11	82	872744	70.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	293724	80.84	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1628906	70.72	ng	-0.01
78) Terphenyl-d14	12.63	244	1338718	68.54	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	2.48	42	212	3.13	ng	# 1
19) n-Nitroso-di-n-propylamine	7.11	70	104282	12.10	ng	# 80
50) 2,6-Dinitrotoluene	9.56	165	45280	7.54	ng	# 20
56) 2,4-Dinitrotoluene	9.56	165	45567	6.23	ng	# 15
66) 4-Bromophenyl-phenylether	10.35	248	17662	3.09	ng	# 1

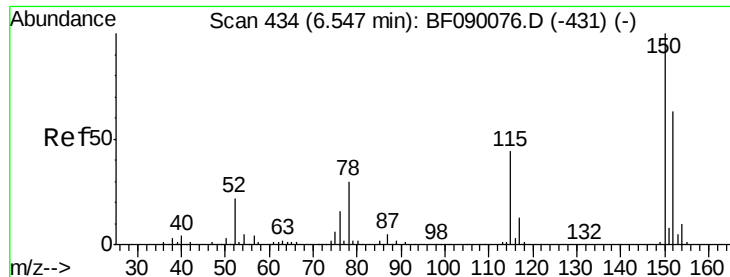
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 19:07:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampled :

PB93420BL

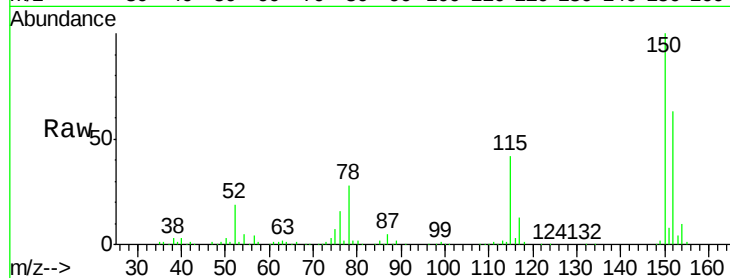
Tgt Ion:152 Resp: 170434

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

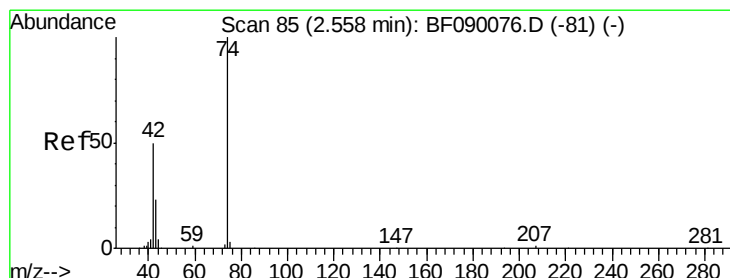
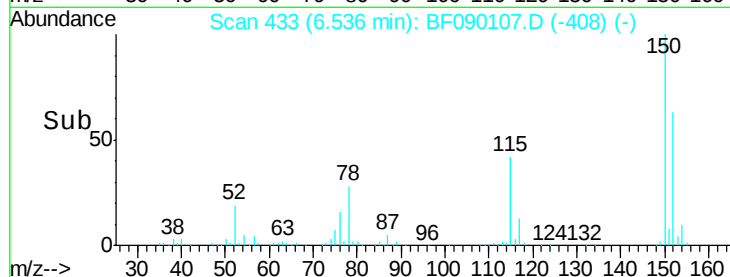
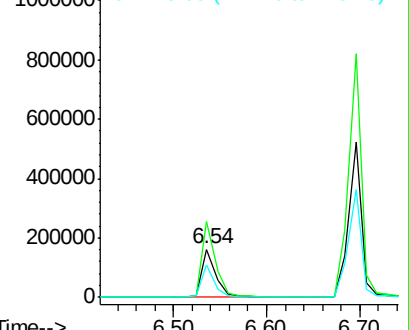
115 66.9 55.5 83.3



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



#4

n-Nitrosodimethylamine

Concen: 3.13 ng

RT: 2.48 min Scan# 78

Delta R.T. -0.08 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

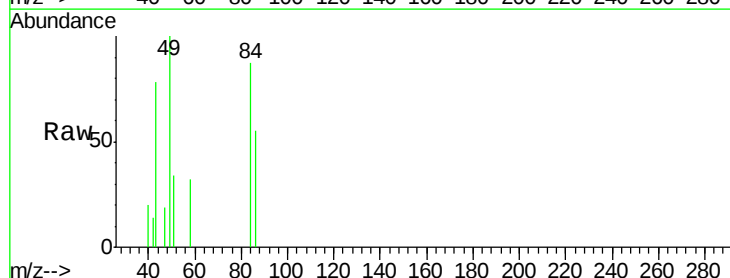
Tgt Ion: 42 Resp: 212

Ion Ratio Lower Upper

42 100

74 0.0 158.7 238.1#

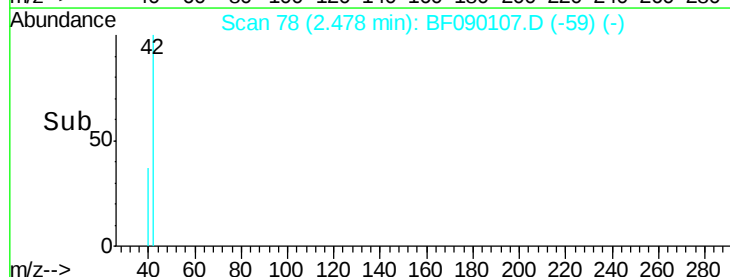
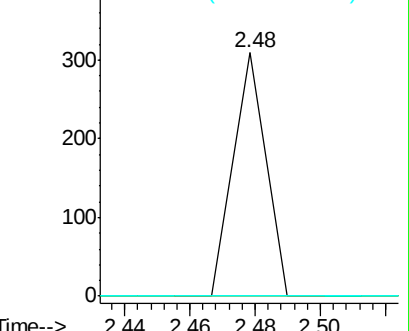
44 0.0 6.4 9.6#

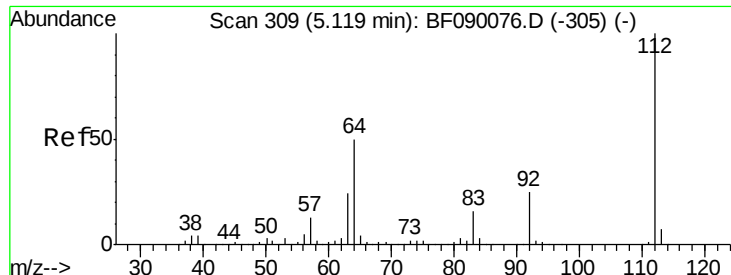


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.48 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB93420BL

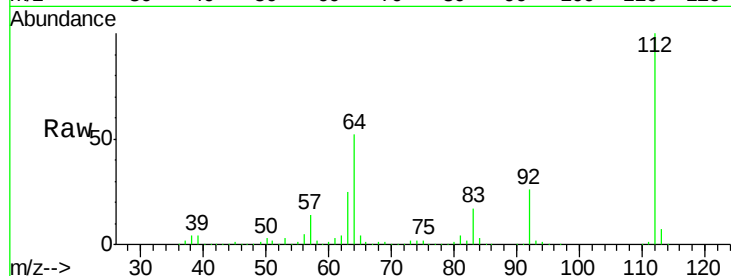
Tgt Ion: 112 Resp: 1191997

Ion Ratio Lower Upper

112 100

64 52.3 39.8 59.6

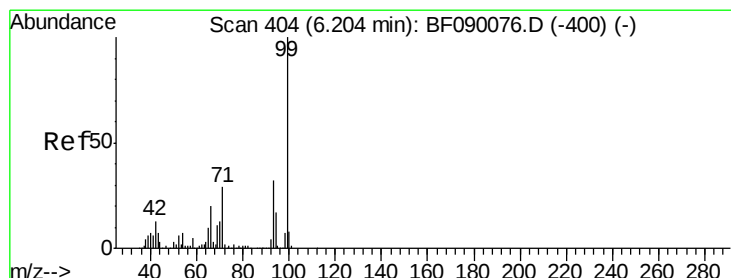
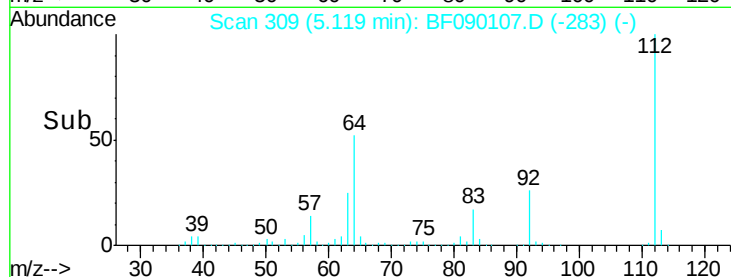
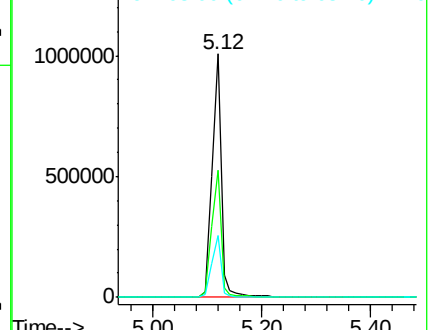
63 25.5 18.9 28.3



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: 107.20 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

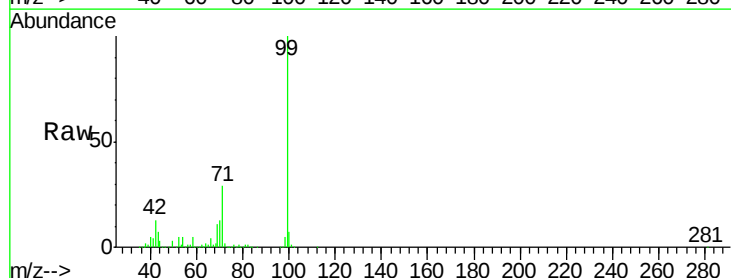
Tgt Ion: 99 Resp: 1487205

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

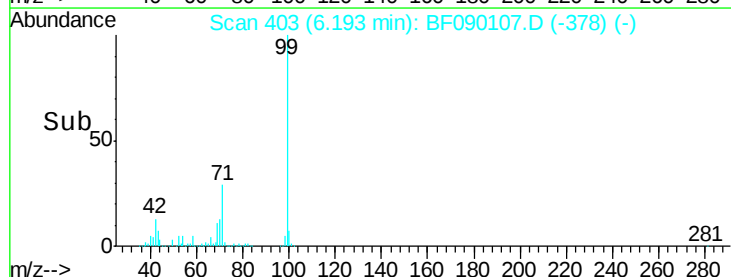
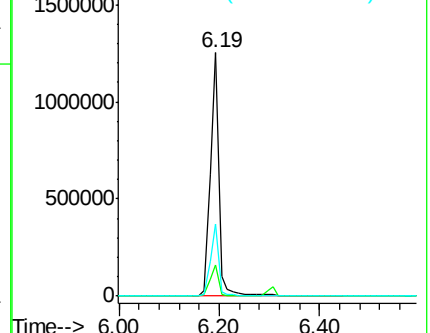
71 29.4 23.0 34.6

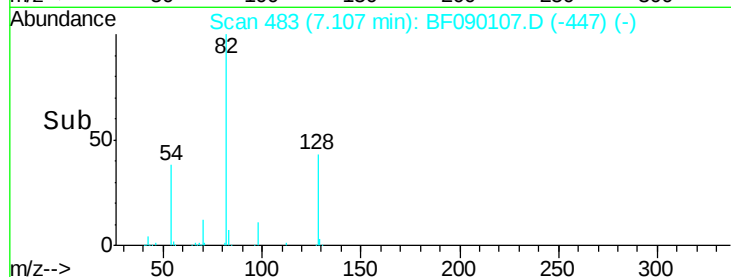
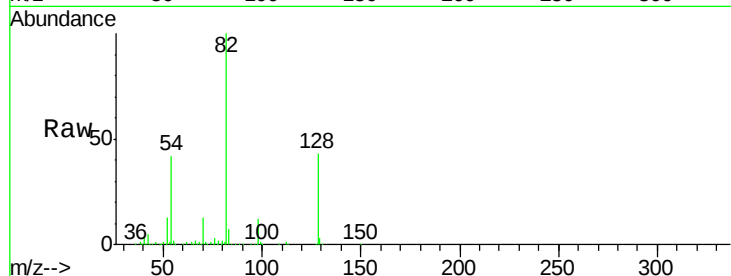
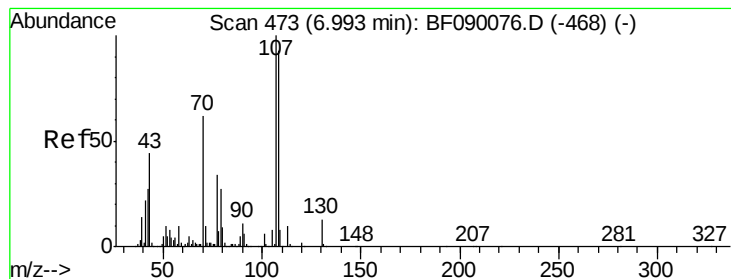


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 12.10 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB93420BL

Tgt Ion: 70 Resp: 104282

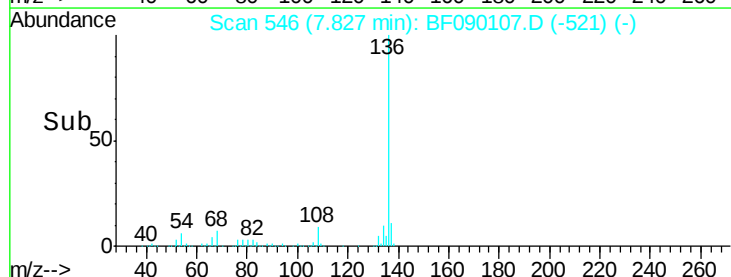
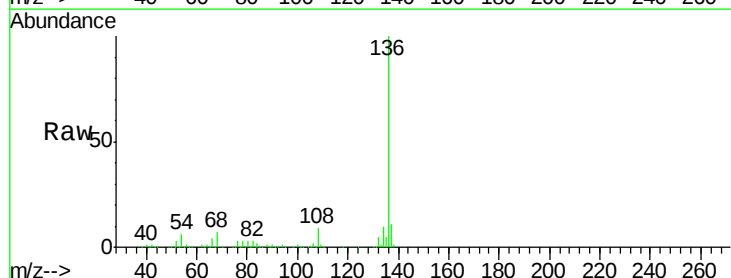
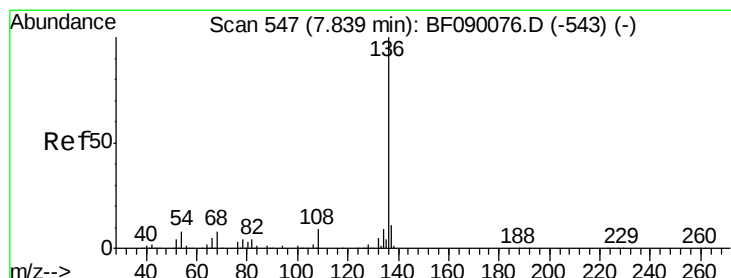
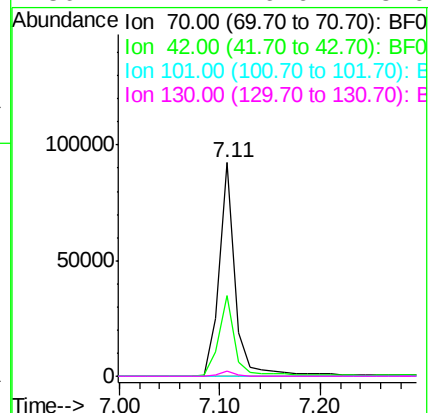
Ion Ratio Lower Upper

70 100

42 37.5 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Tgt Ion: 136 Resp: 697431

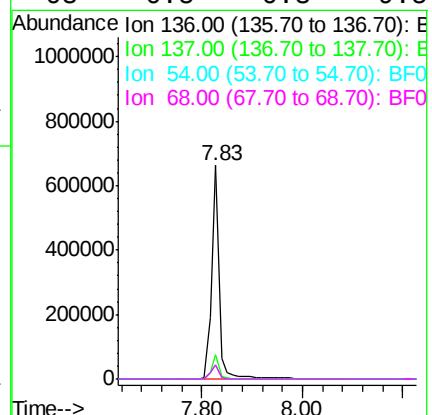
Ion Ratio Lower Upper

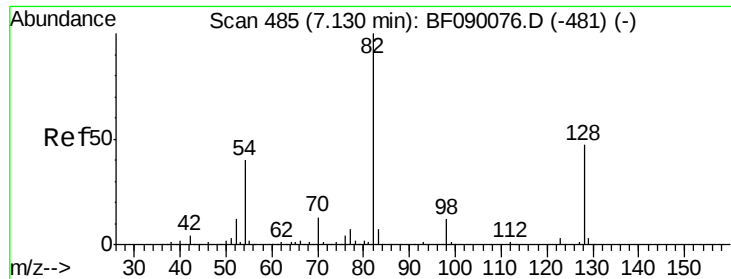
136 100

137 11.3 9.0 13.4

54 6.4 6.4 9.6#

68 6.5 6.3 9.5

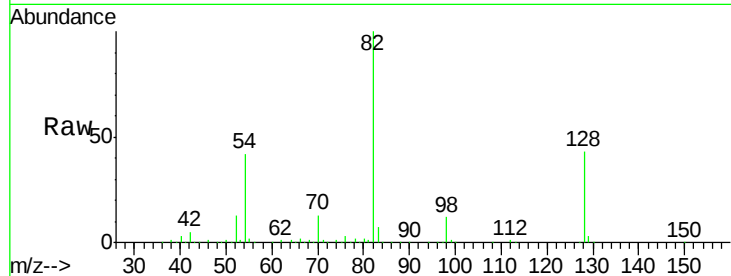




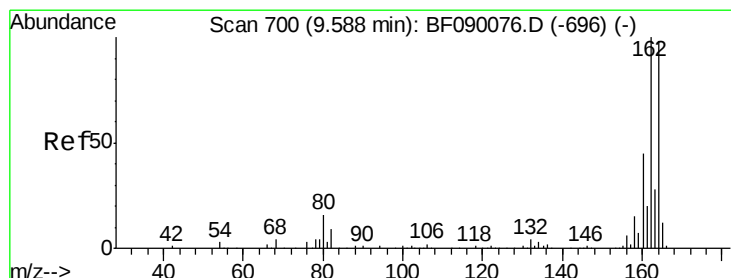
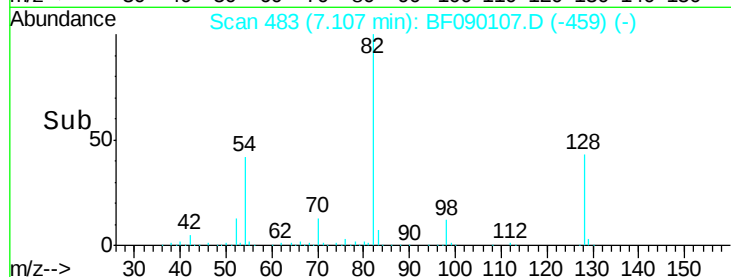
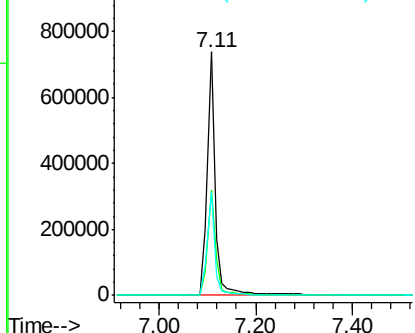
#23
 Nitrobenzene-d5
 Concen: 70.36 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090107.D
 Acq: 16 Sep 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BL

Tgt Ion: 82 Resp: 872744
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.5 56.3
 54 42.0 31.9 47.9

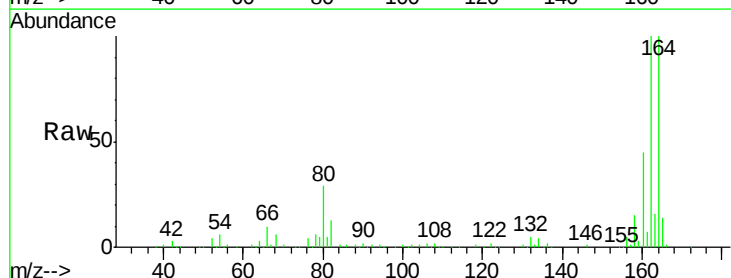


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

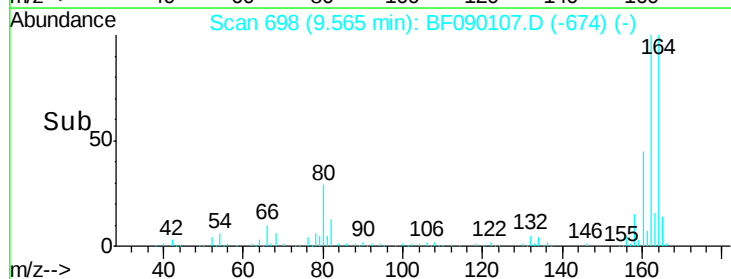
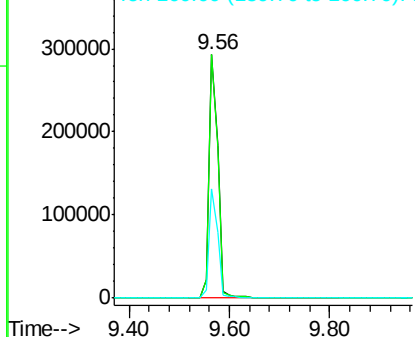


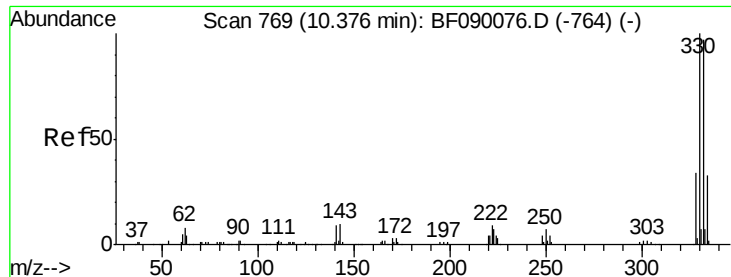
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090107.D
 Acq: 16 Sep 2016 15:38

Tgt Ion: 164 Resp: 361716
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.4 122.2
 160 45.0 36.6 54.8



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

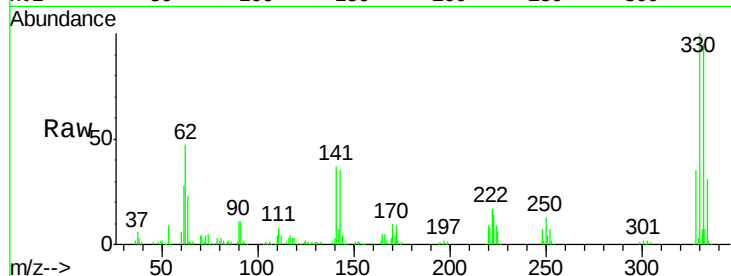




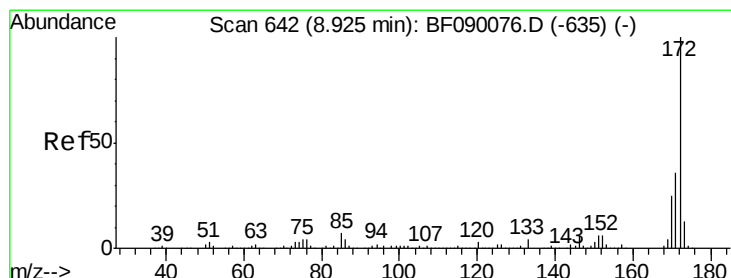
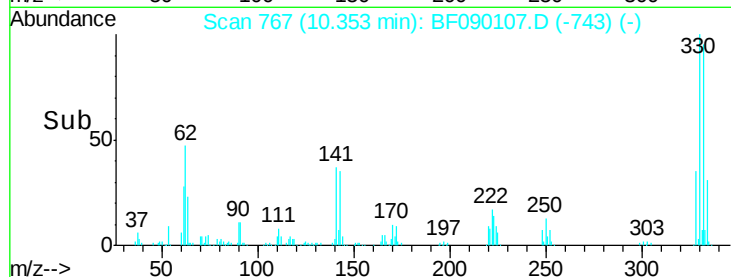
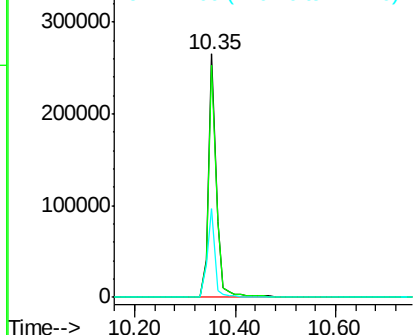
#41
 2,4,6-Tribromophenol
 Concen: 80.84 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090107.D
 Acq: 16 Sep 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BL

Tgt Ion:330 Resp: 293724
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.1 117.1
 141 35.5 23.9 35.9

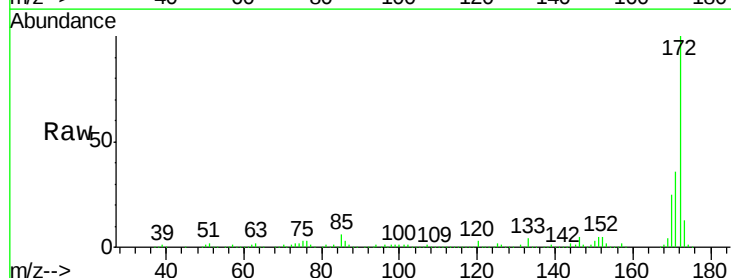


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

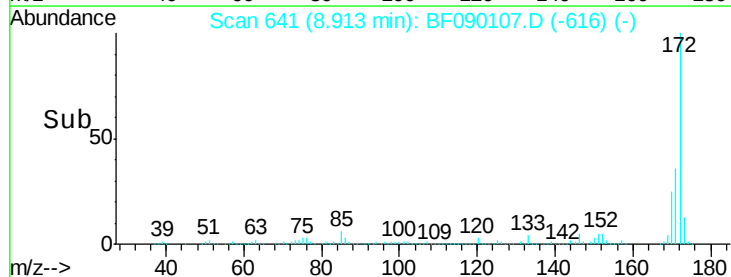
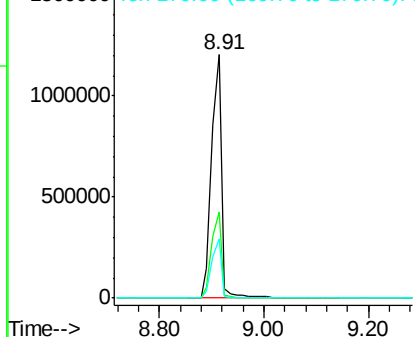


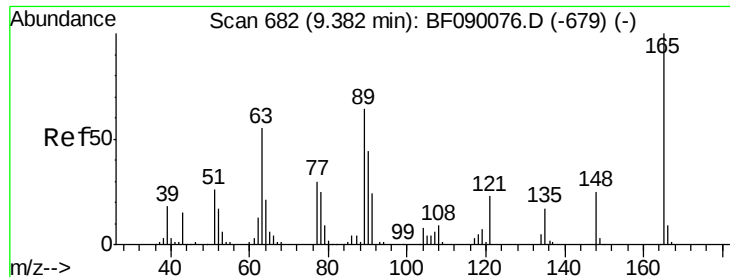
#44
 2-Fluorobiphenyl
 Concen: 70.72 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090107.D
 Acq: 16 Sep 2016 15:38

Tgt Ion:172 Resp: 1628906
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 24.6 19.8 29.8



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

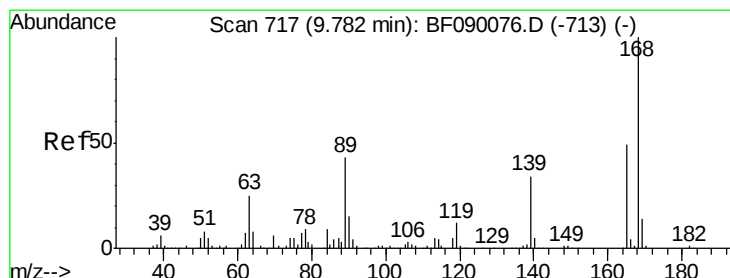
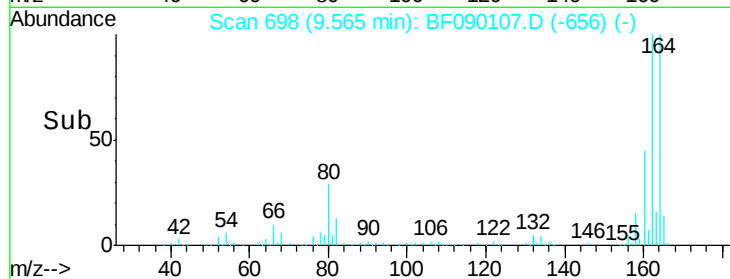
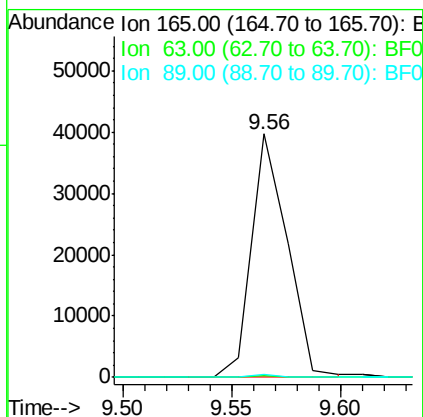
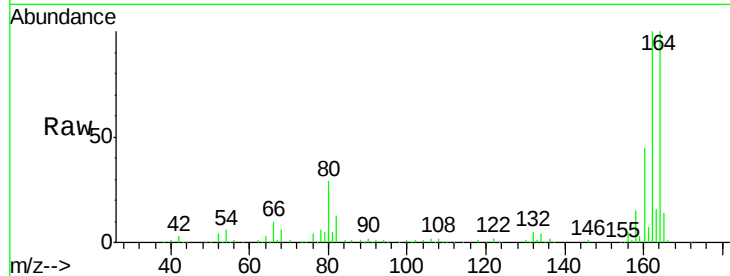




#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.18 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

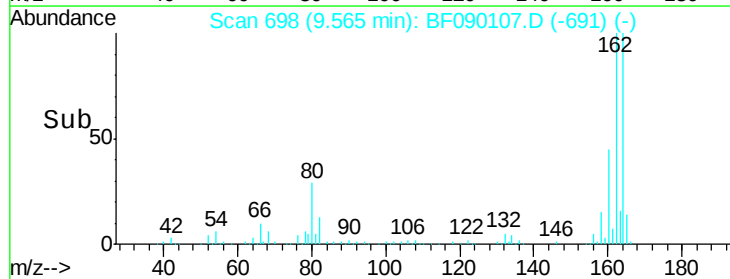
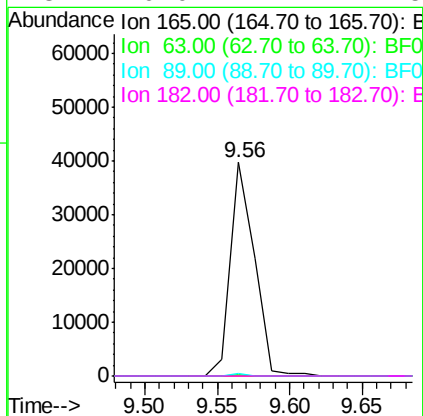
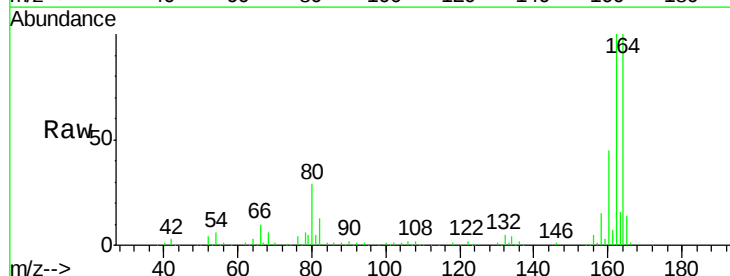
Instrument :
BNA_F
ClientSampled :
PB93420BL

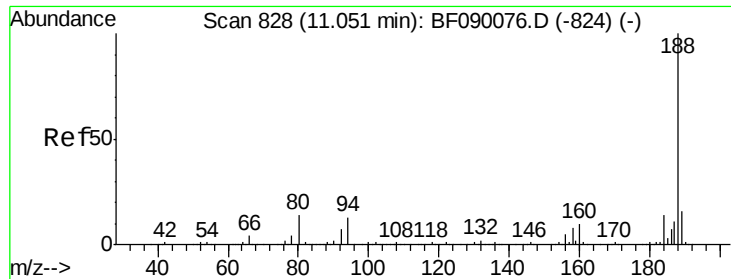
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	49.9	74.9#
89	1.1	51.0	76.4#



#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.4	66.6#
89	1.1	70.1	105.1#
182	0.0	1.7	2.5#

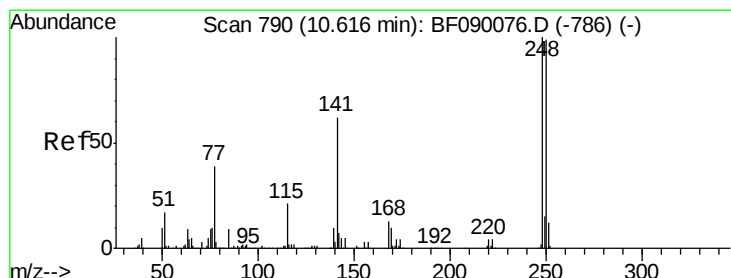
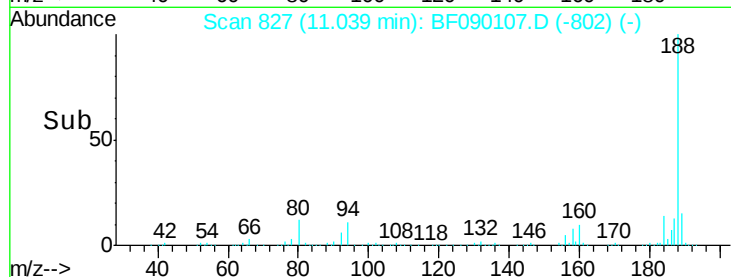
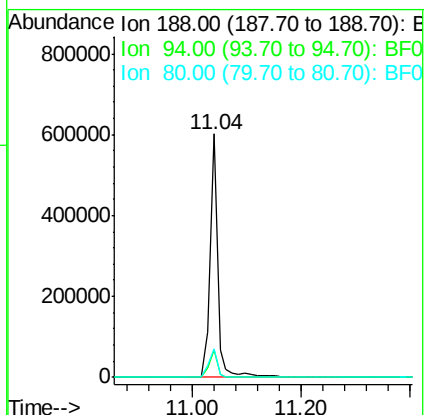
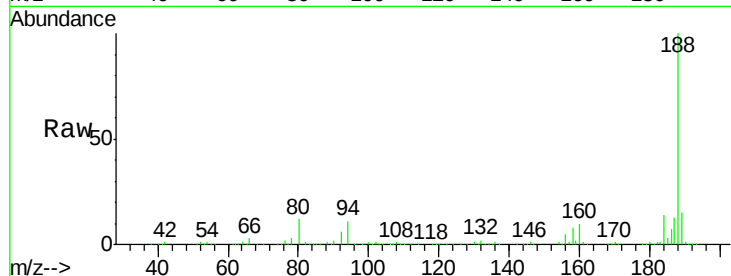




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

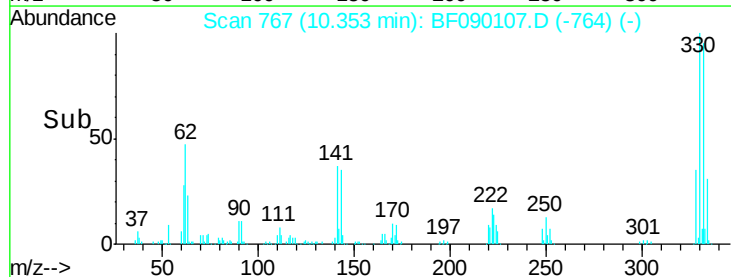
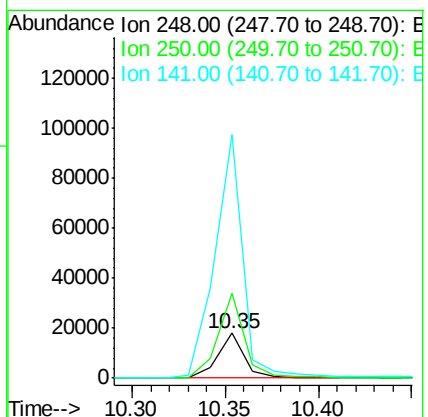
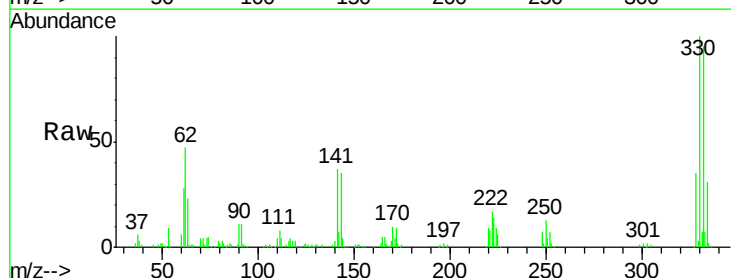
Instrument :
BNA_F
ClientSampleId :
PB93420BL

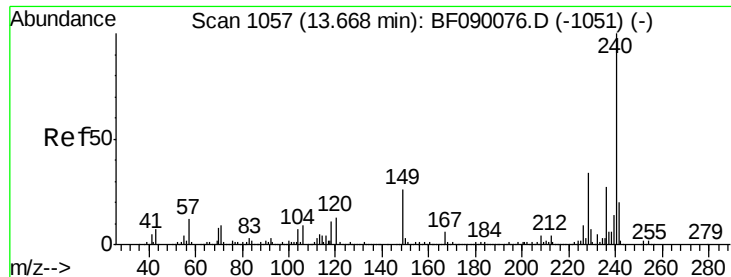
Tgt Ion:188 Resp: 592467
Ion Ratio Lower Upper
188 100
94 11.2 10.5 15.7
80 11.7 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.26 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

Tgt Ion:248 Resp: 17662
Ion Ratio Lower Upper
248 100
250 190.8 79.4 119.2#
141 545.0 49.3 73.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB93420BL

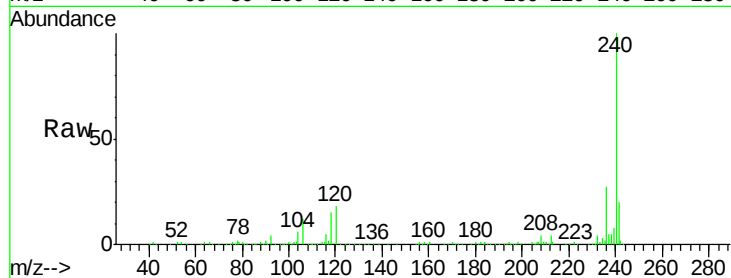
Tgt Ion:240 Resp: 463841

Ion Ratio Lower Upper

240 100

120 17.8 10.6 16.0#

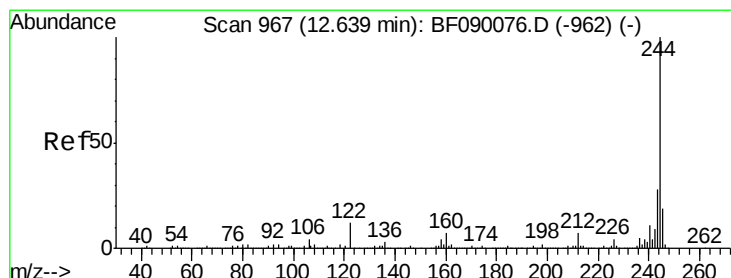
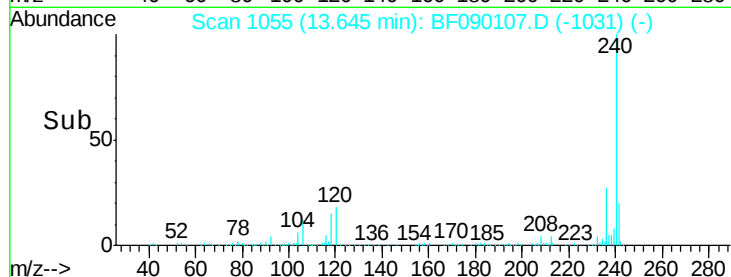
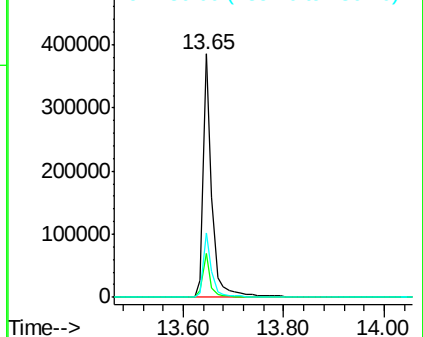
236 26.6 21.6 32.4



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: 68.54 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

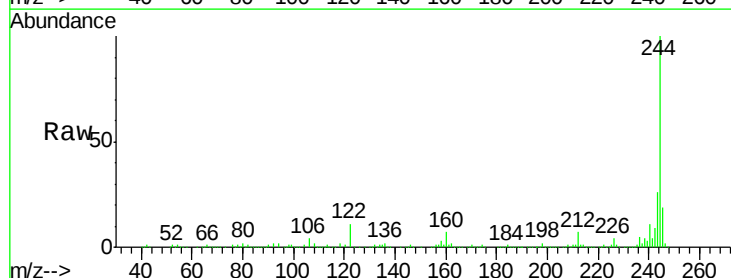
Tgt Ion:244 Resp: 1338718

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

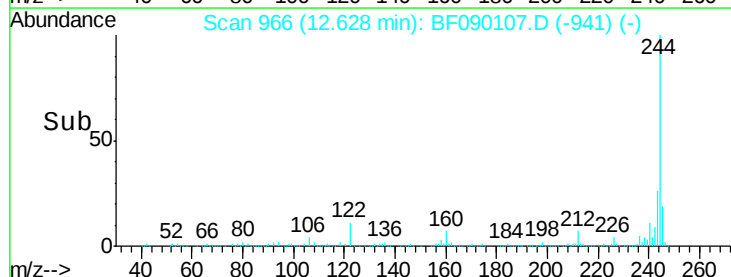
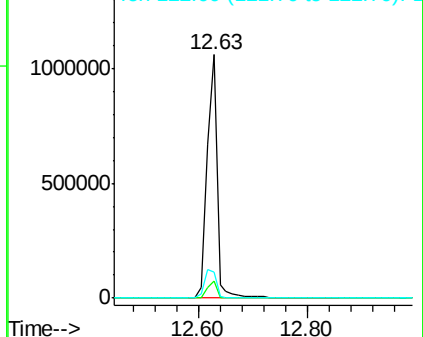
122 10.8 9.4 14.0

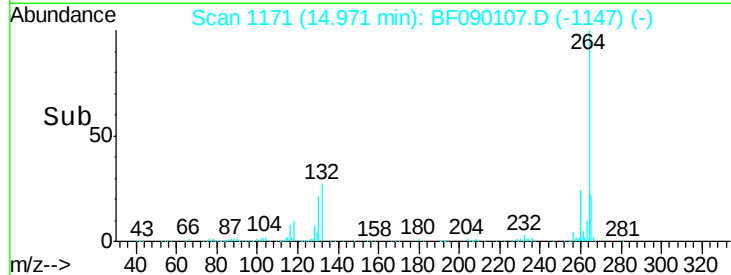
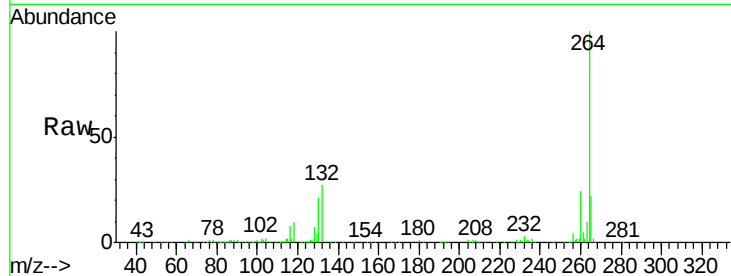
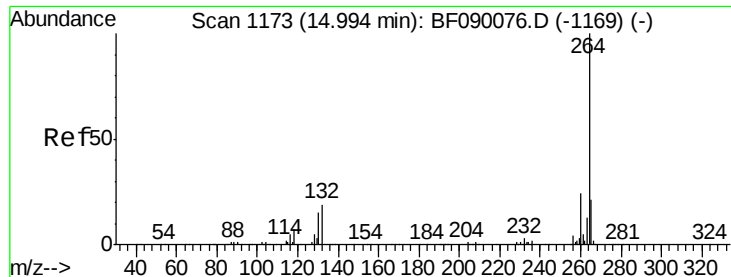


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB93420BL

Tgt Ion:	264	Resp:	354819
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.0	25.4

