

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090110.D
 Acq On : 16 Sep 2016 17:03
 Operator : UM/SJ
 Sample : H4780-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WM-184(6-10)

Quant Time: Sep 16 22:57:00 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

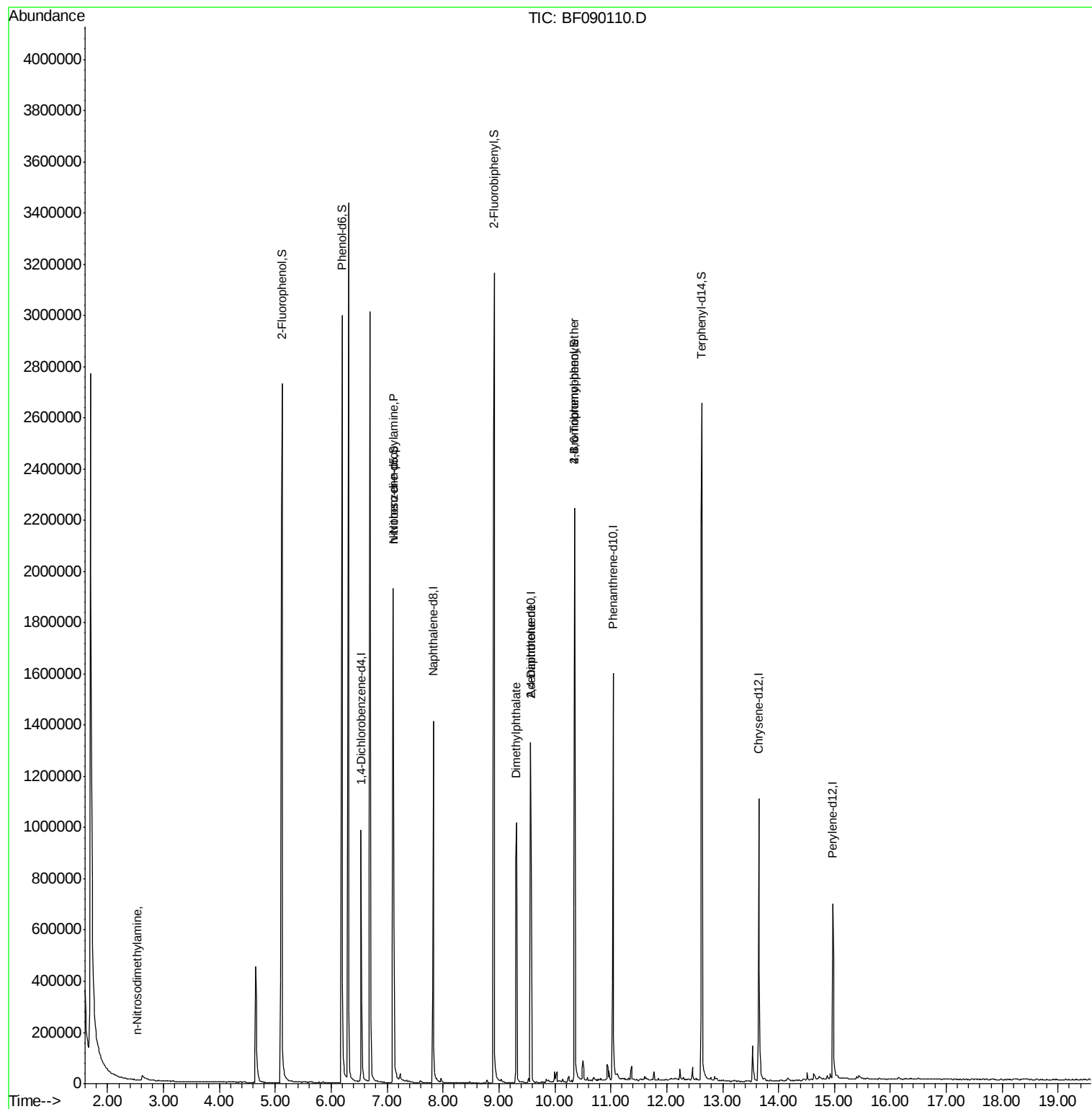
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175458	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	727779	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	384525	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	627304	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	456175	20.00	ng	-0.02
86) Perylene-d12	14.97	264	356633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1306731	119.78	ng	0.00
7) Phenol-d6	6.19	99	1495734	104.72	ng	-0.01
23) Nitrobenzene-d5	7.11	82	891489	68.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	321290	83.18	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1547117	63.19	ng	-0.01
78) Terphenyl-d14	12.63	244	1244652	64.79	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	2.52	42	219	3.13	ng	# 1
19) n-Nitroso-di-n-propylamine	7.11	70	106194	11.96	ng	# 80
49) Dimethylphthalate	9.31	163	685036	23.99	ng	99
56) 2,4-Dinitrotoluene	9.56	165	47900	6.16	ng	# 15
66) 4-Bromophenyl-phenylether	10.35	248	18204	3.01	ng	# 1

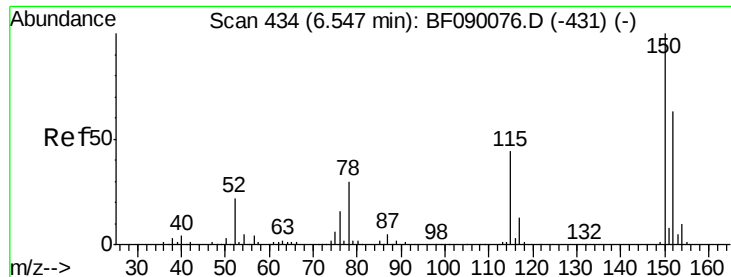
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
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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: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

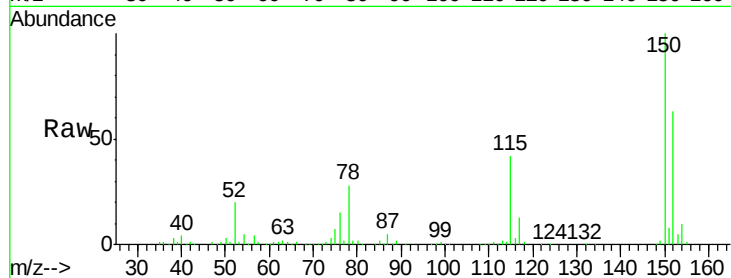
Tgt Ion:152 Resp: 175458

Ion Ratio Lower Upper

152 100

150 158.8 128.9 193.3

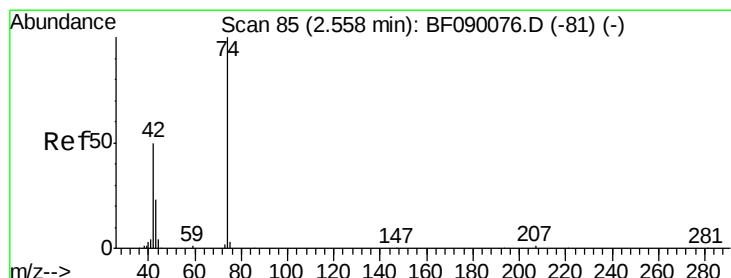
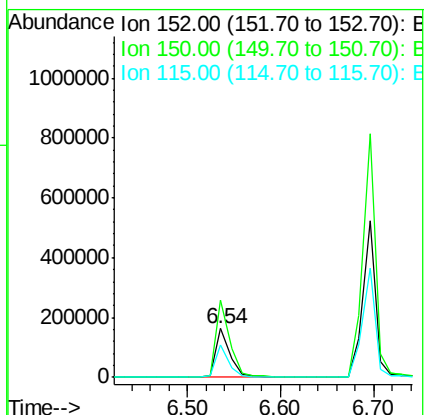
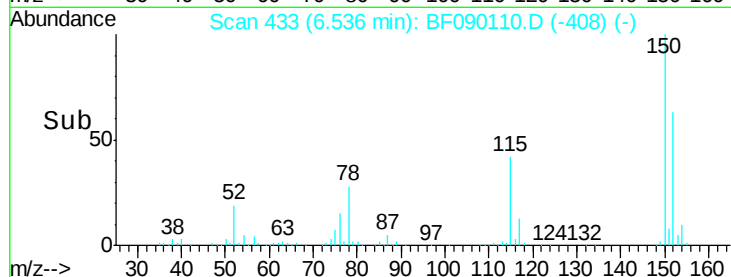
115 66.9 55.5 83.3



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: 2.52 min Scan# 82

Delta R.T. -0.03 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

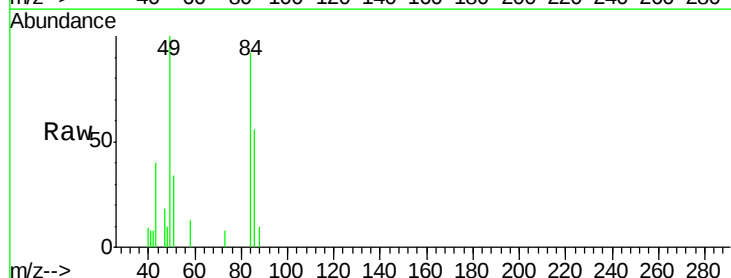
Tgt Ion: 42 Resp: 219

Ion Ratio Lower Upper

42 100

74 0.0 158.7 238.1#

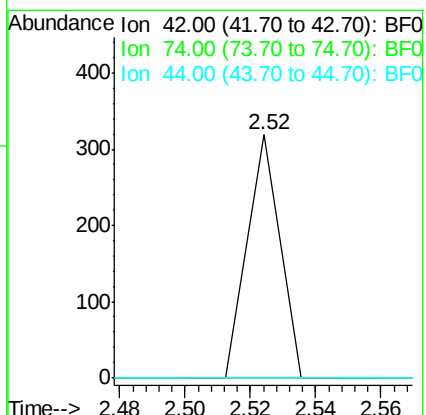
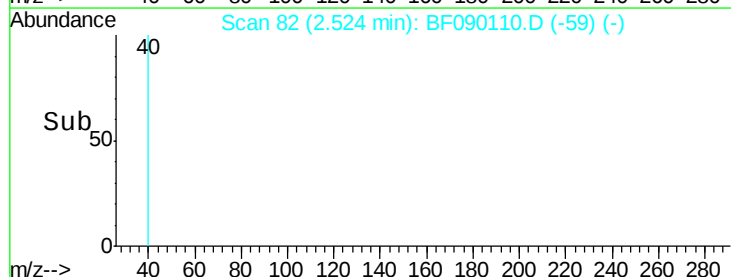
44 0.0 6.4 9.6#

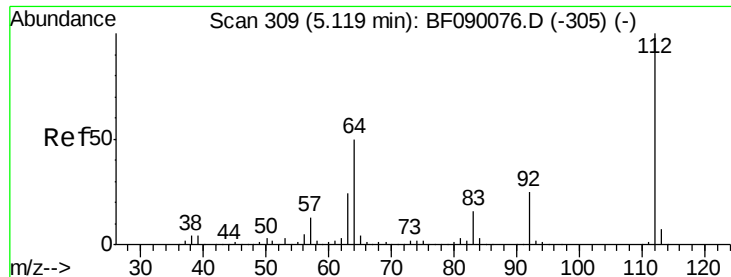


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.78 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

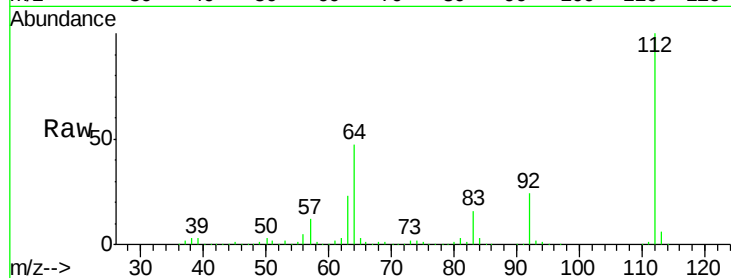
Tgt Ion: 112 Resp: 1306731

Ion Ratio Lower Upper

112 100

64 47.0 39.8 59.6

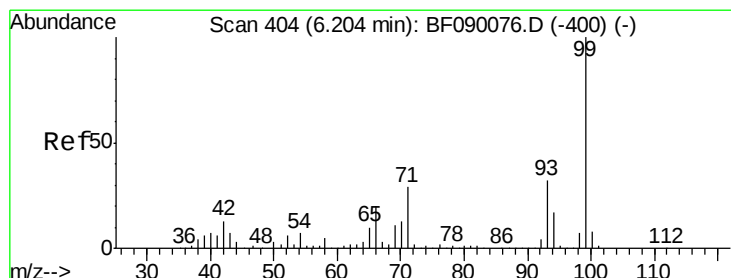
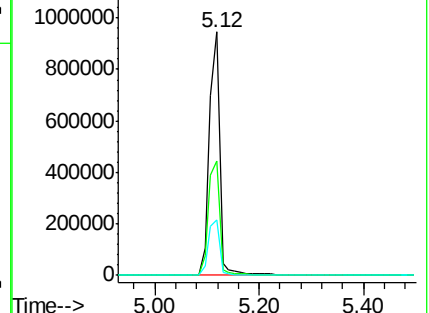
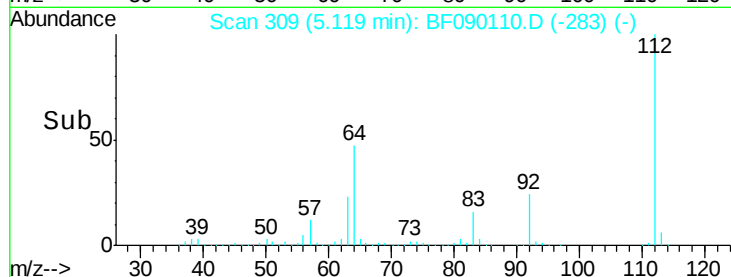
63 22.6 18.9 28.3



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: 104.72 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

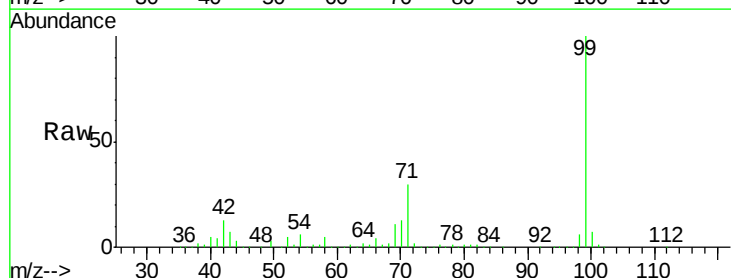
Tgt Ion: 99 Resp: 1495734

Ion Ratio Lower Upper

99 100

42 12.9 10.6 15.8

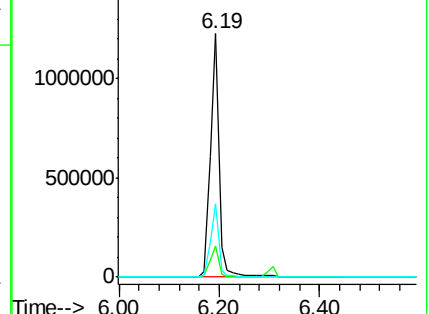
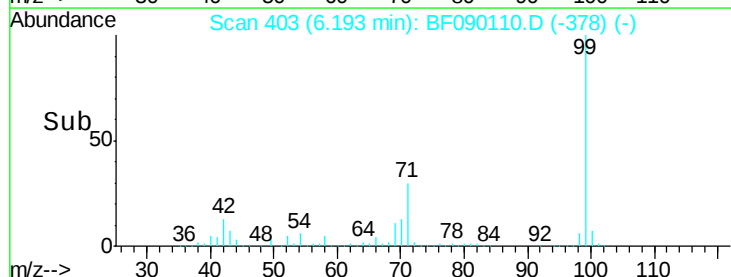
71 29.9 23.0 34.6

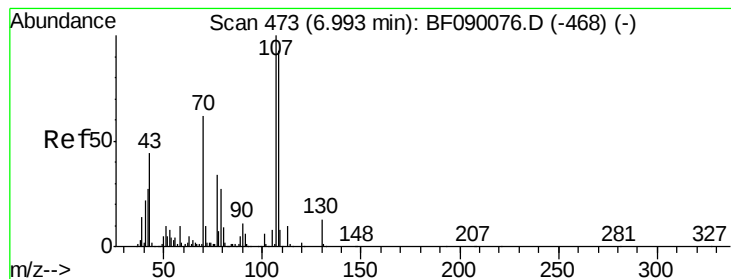


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 11.96 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

Tgt Ion: 70 Resp: 106194

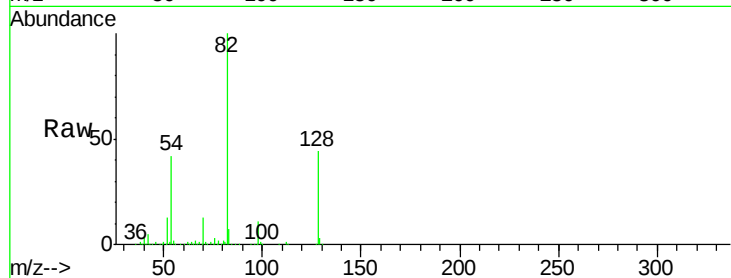
Ion Ratio Lower Upper

70 100

42 37.6 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

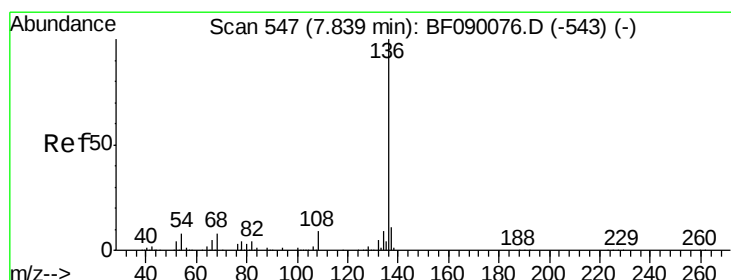
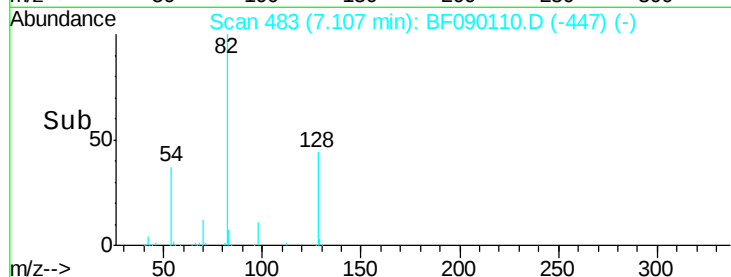
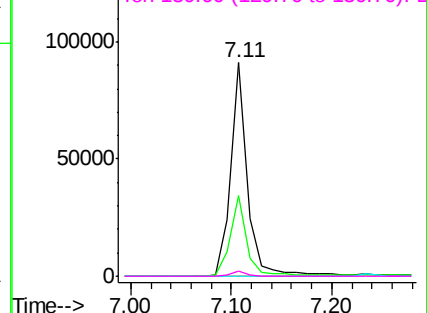


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Tgt Ion: 136 Resp: 727779

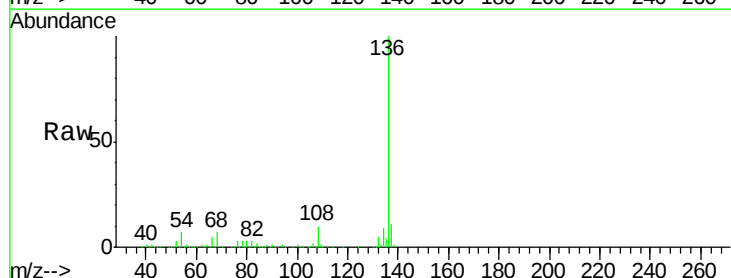
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.8 6.4 9.6

68 6.6 6.3 9.5

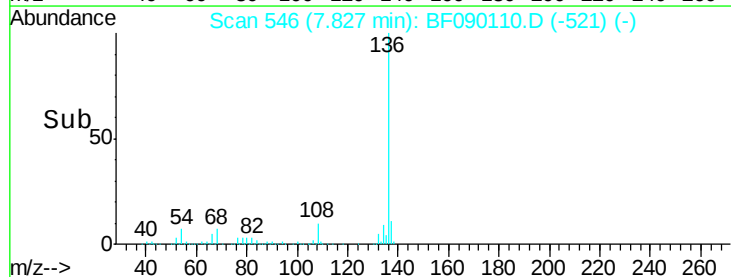
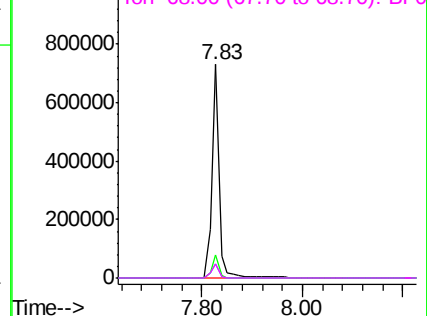


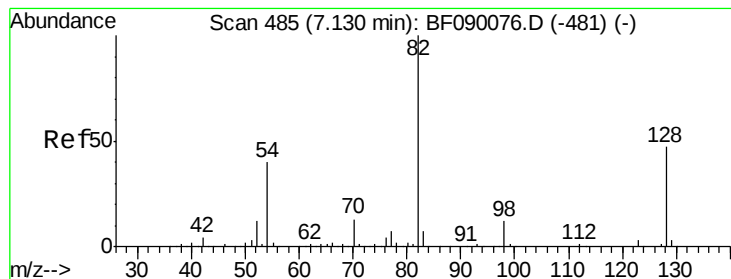
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.87 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

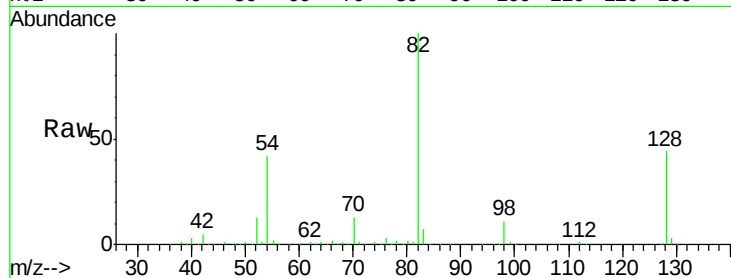
Tgt Ion: 82 Resp: 891489

Ion Ratio Lower Upper

82 100

128 43.6 37.5 56.3

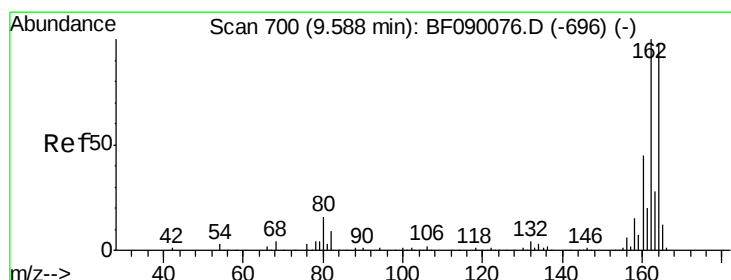
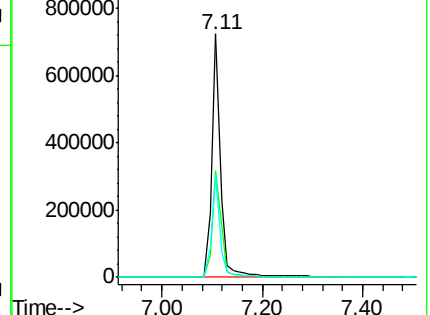
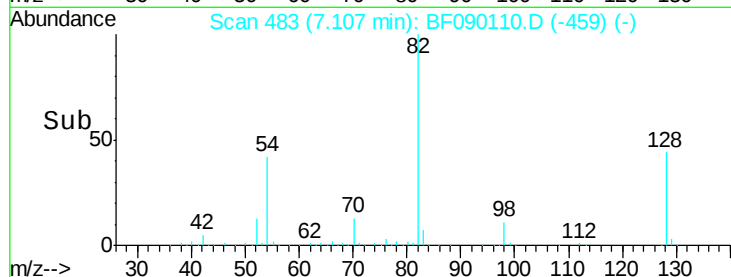
54 42.0 31.9 47.9



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: BF090110.D

Acq: 16 Sep 2016 17:03

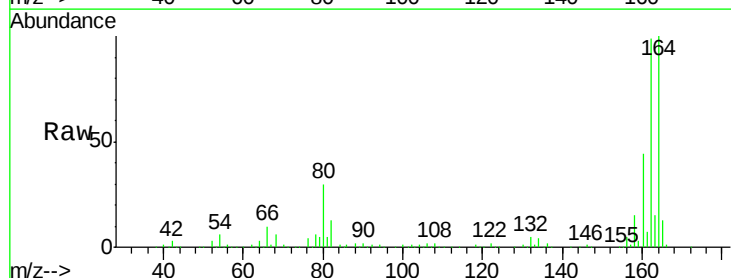
Tgt Ion: 164 Resp: 384525

Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.2

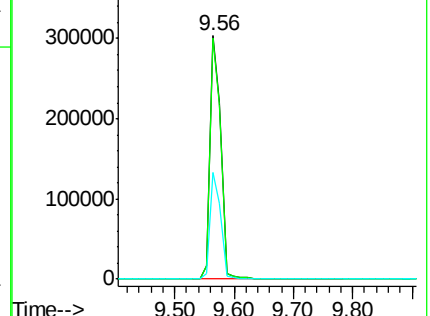
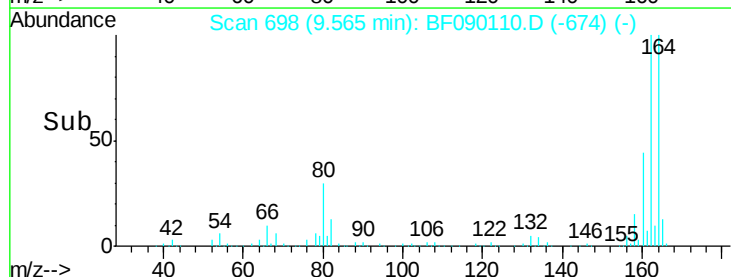
160 43.7 36.6 54.8

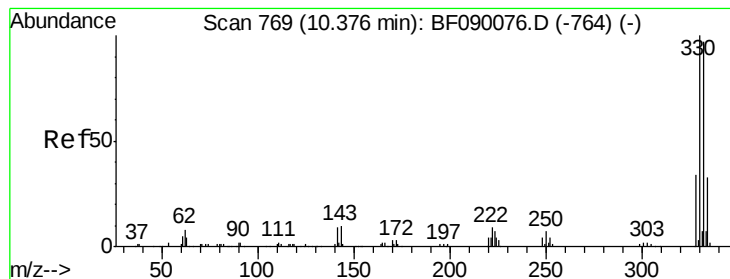


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

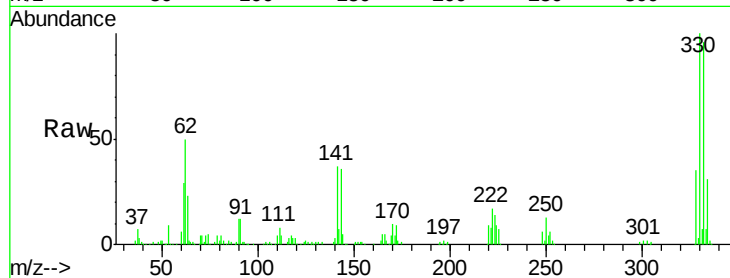




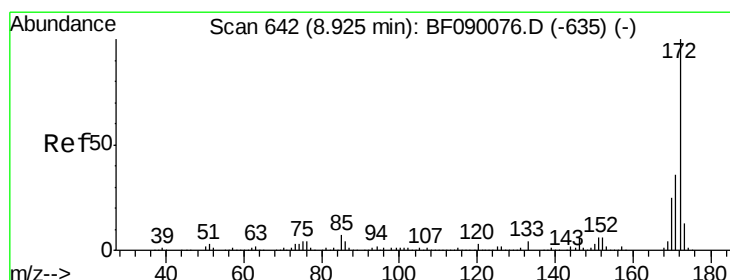
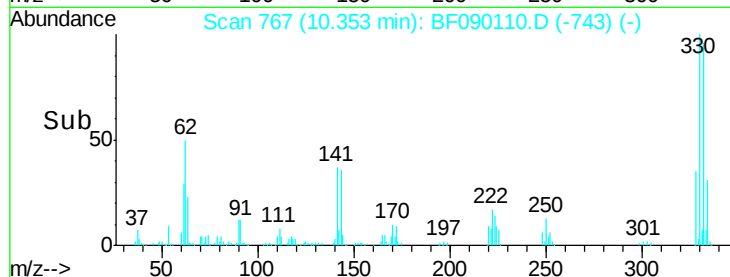
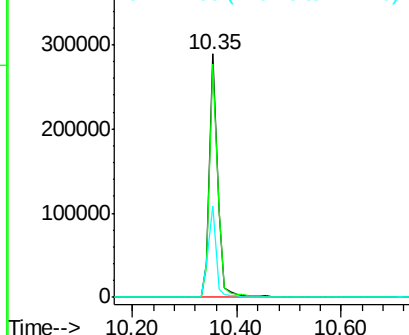
#41
 2,4,6-Tribromophenol
 Concen: 83.18 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 WM-184(6-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	35.9	23.9	35.9#

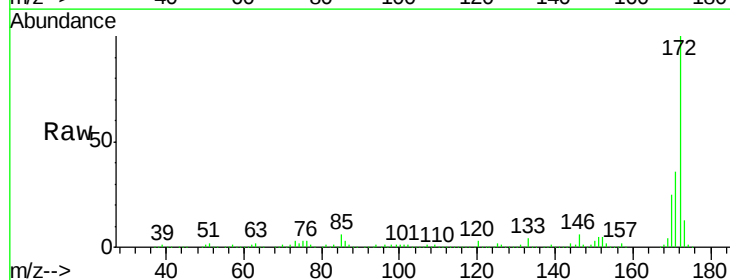


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

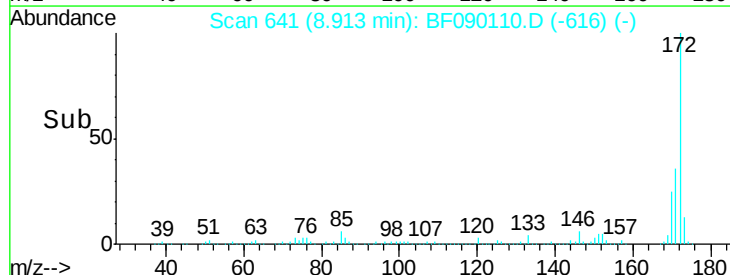
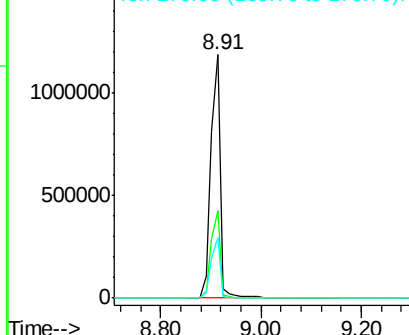


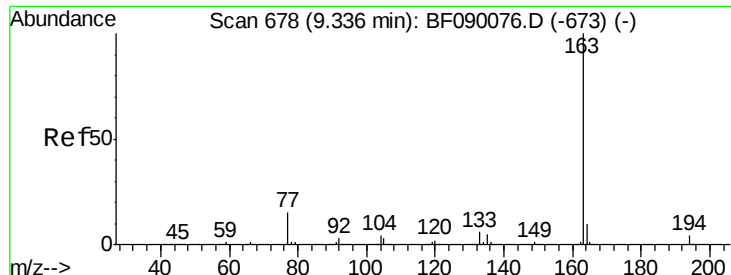
#44
 2-Fluorobiphenyl
 Concen: 63.19 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

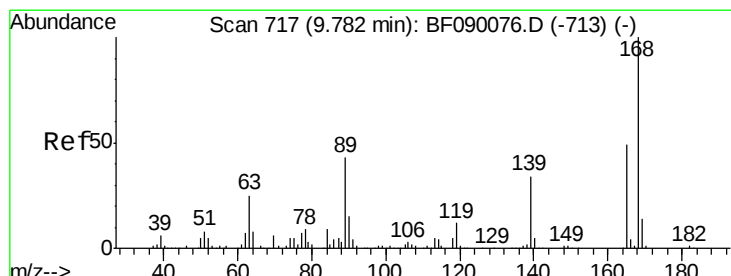
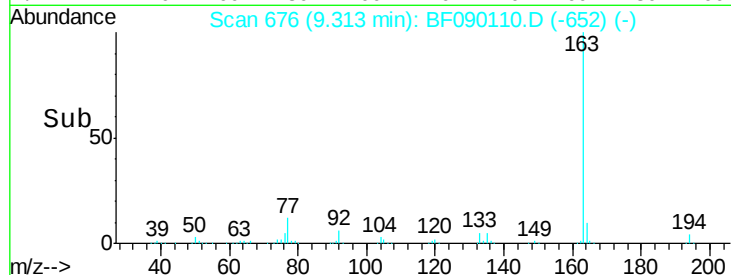
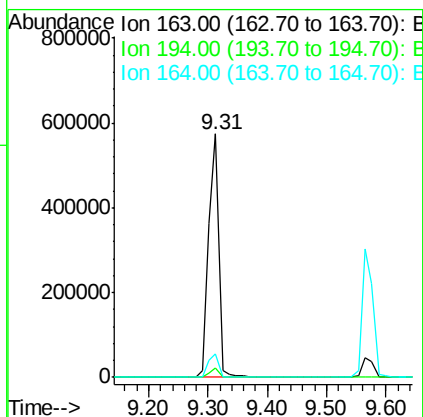
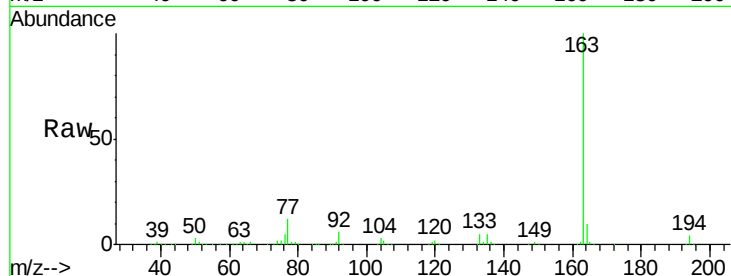




#49
Dimethylphthalate
Concen: 23.99 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF090110.D
Acq: 16 Sep 2016 17:03

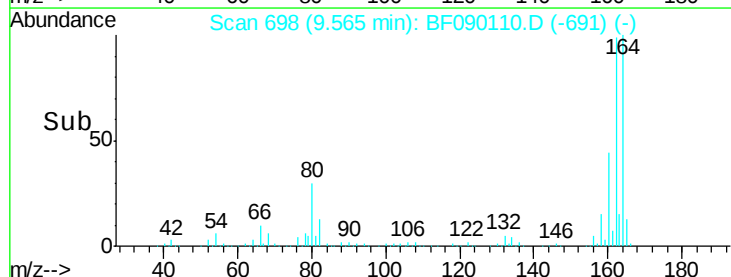
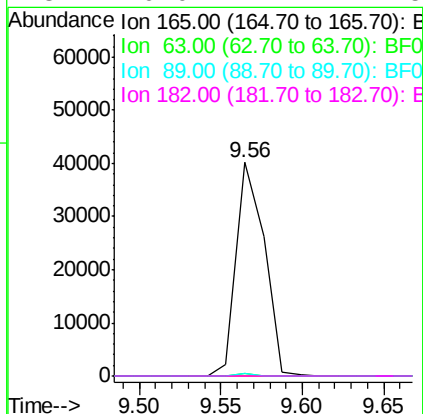
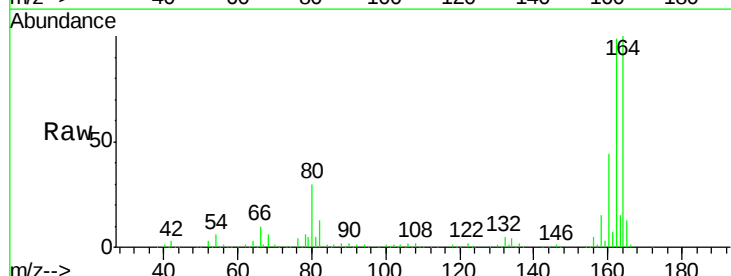
Instrument :
BNA_F
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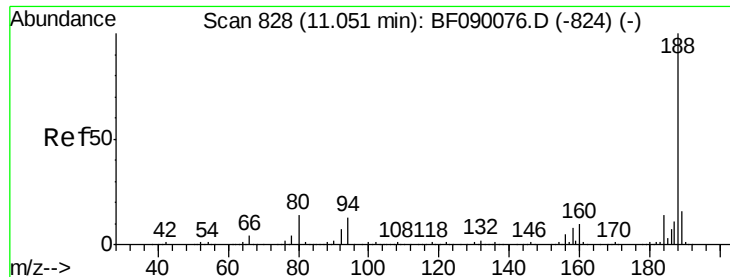
Tgt Ion:163 Resp: 685036
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.8 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF090110.D
Acq: 16 Sep 2016 17:03

Tgt Ion:165 Resp: 47900
Ion Ratio Lower Upper
165 100
63 1.0 44.4 66.6#
89 1.1 70.1 105.1#
182 0.0 1.7 2.5#

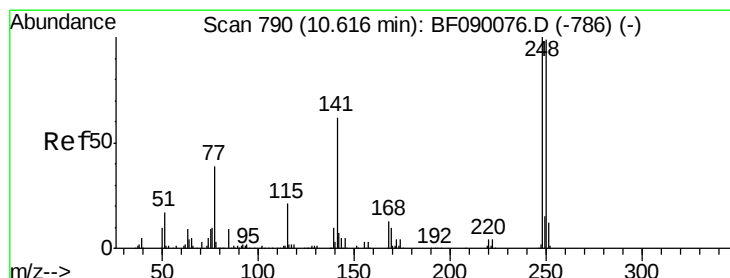
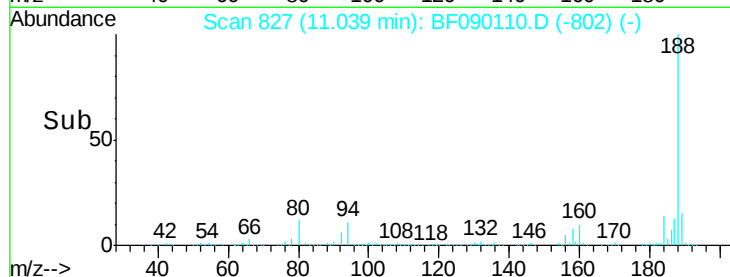
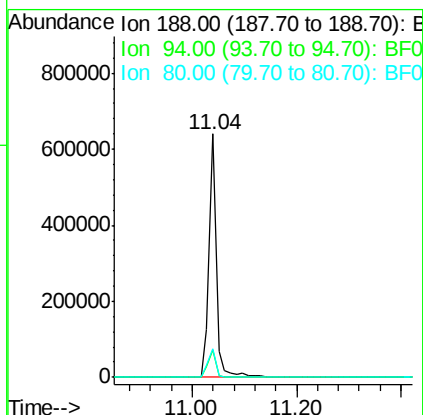
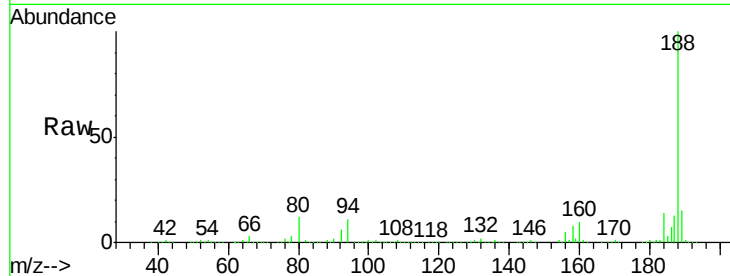




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090110.D
Acq: 16 Sep 2016 17:03

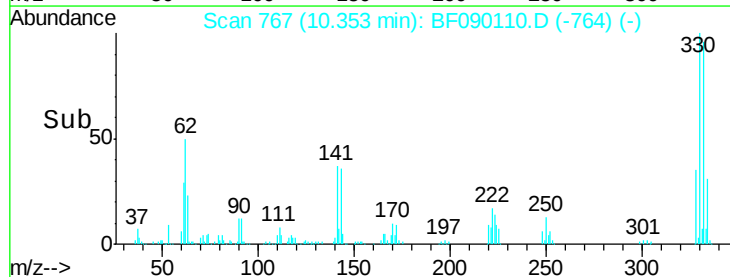
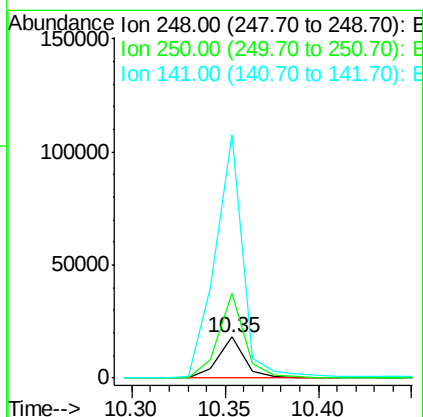
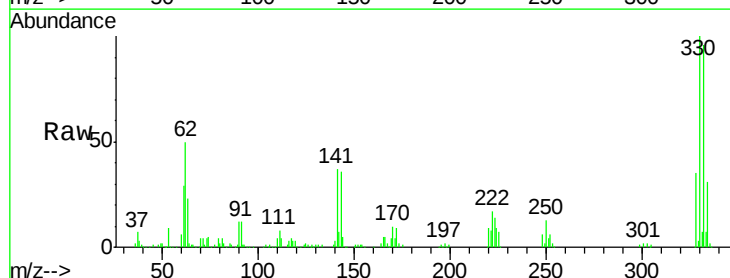
Instrument :
BNA_F
ClientSampleId :
WM-184(6-10)

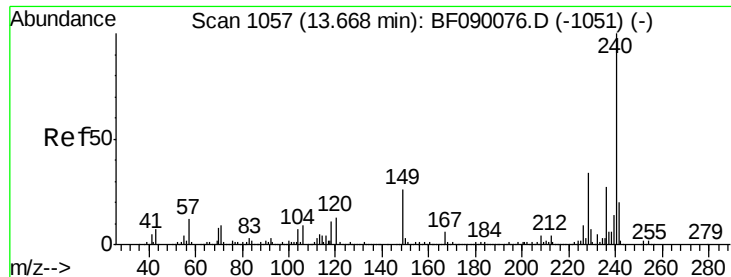
Tgt Ion:188 Resp: 627304
Ion Ratio Lower Upper
188 100
94 11.4 10.5 15.7
80 11.6 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.26 min
Lab File: BF090110.D
Acq: 16 Sep 2016 17:03

Tgt Ion:248 Resp: 18204
Ion Ratio Lower Upper
248 100
250 204.4 79.4 119.2#
141 590.4 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: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

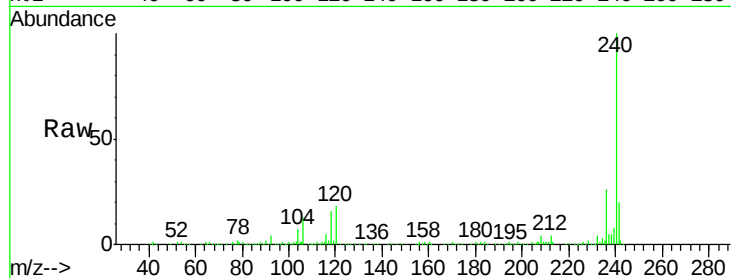
Tgt Ion:240 Resp: 456175

Ion Ratio Lower Upper

240 100

120 18.2 10.6 16.0#

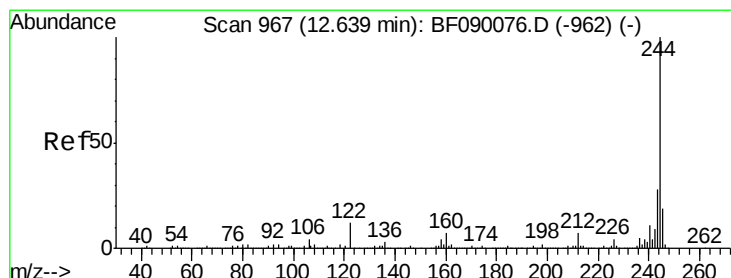
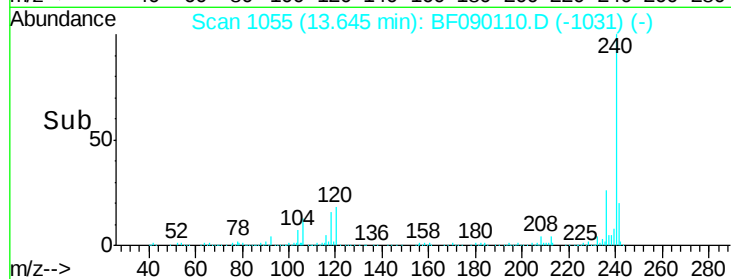
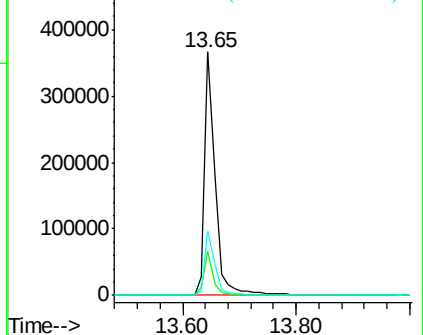
236 26.2 21.6 32.4



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: 64.79 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

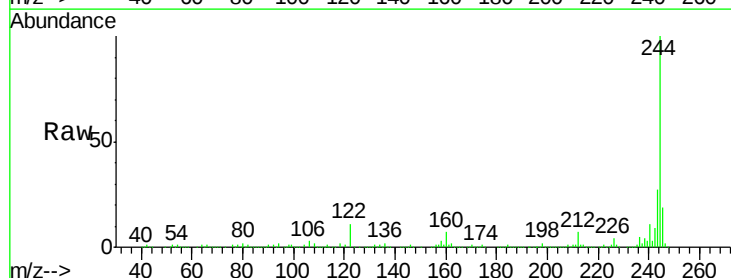
Tgt Ion:244 Resp: 1244652

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

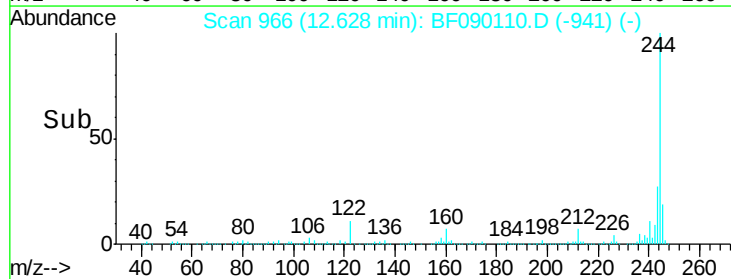
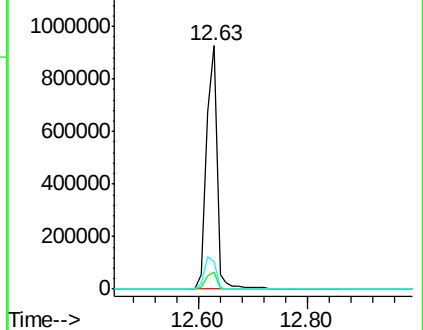
122 11.0 9.4 14.0

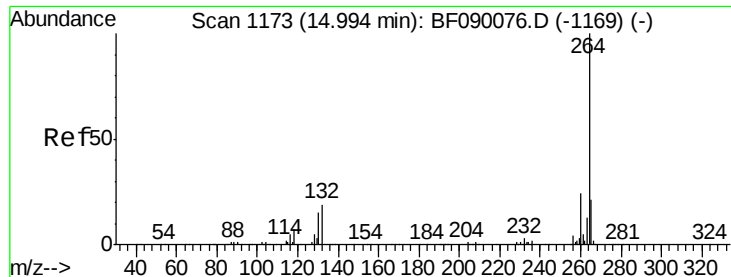


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090110.D
Acq: 16 Sep 2016 17:03

Instrument :
BNA_F
ClientSampleId :
WM-184(6-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.0	25.4

