

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091790.D
 Acq On : 19 Dec 2016 23:10
 Operator : UM/SJ
 Sample : H6011-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Dec 20 00:00:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

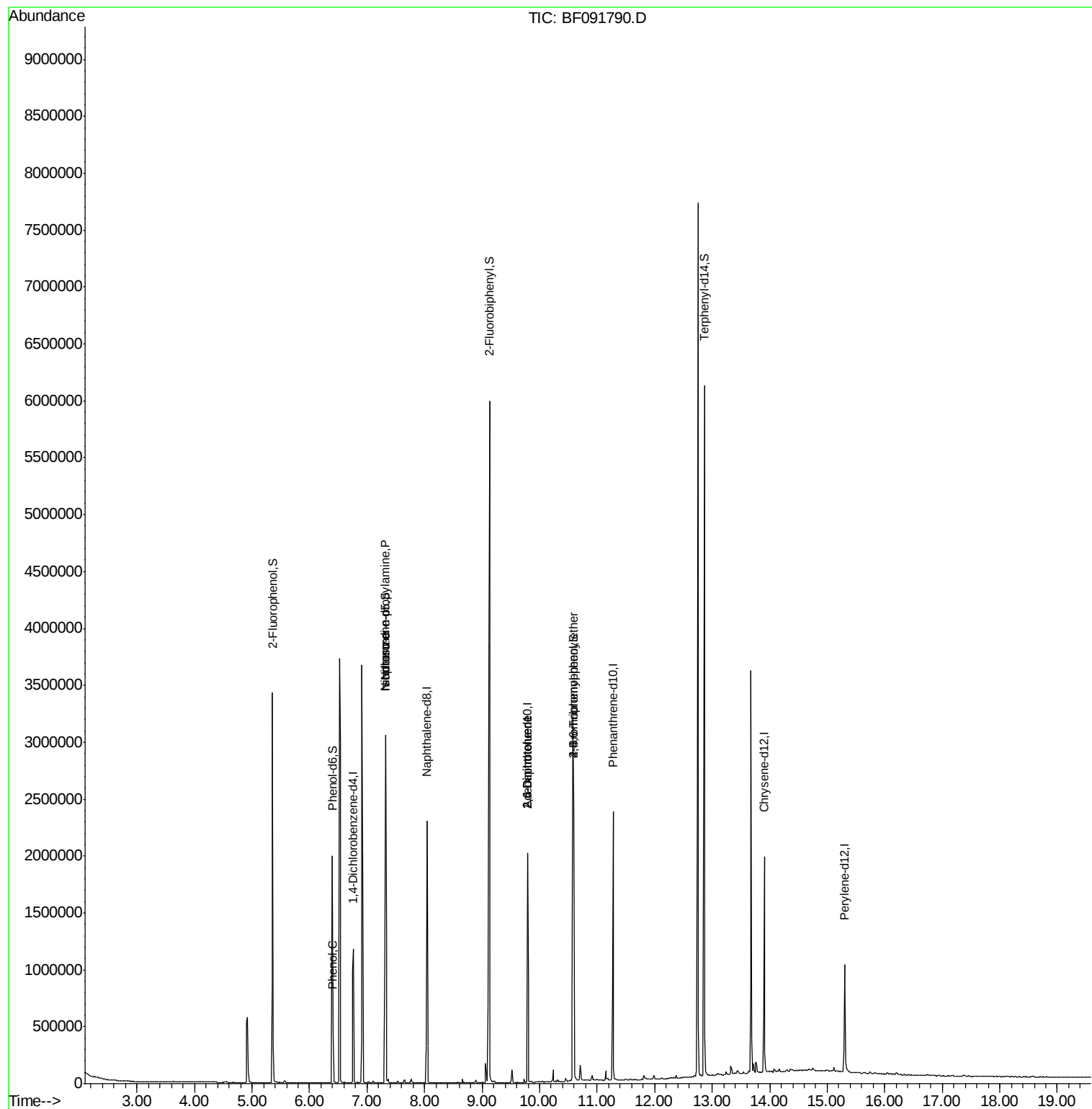
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	252086	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1017895	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	491416	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	881118	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	650430	20.00	ng	-0.02
86) Perylene-d12	15.30	264	516743	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	909701	60.46	ng	-0.01
7) Phenol-d6	6.40	99	612030	33.35	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1303619	73.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	585781	140.58	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2482657	101.50	ng	-0.01
78) Terphenyl-d14	12.86	244	2072023	80.44	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1235	Below Cal		Qvalue 91
10) Phenol	6.41	94	53143	2.57 ng	#	75
19) n-Nitroso-di-n-propylamine	7.32	70	173747	14.23 ng	#	77
25) Isophorone	7.32	82	1046762	31.08 ng	#	65
50) 2,6-Dinitrotoluene	9.79	165	63702	9.05 ng	#	30
56) 2,4-Dinitrotoluene	9.79	165	63692	7.24 ng	#	19
66) 4-Bromophenyl-phenylether	10.59	248	35997	3.90 ng	#	1

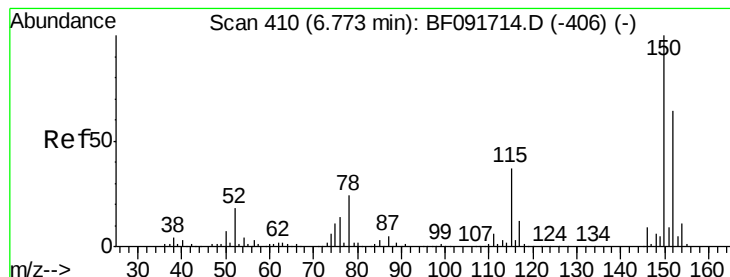
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

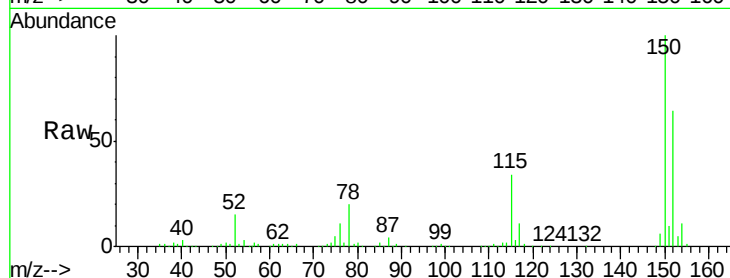
Tgt Ion:152 Resp: 252086

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

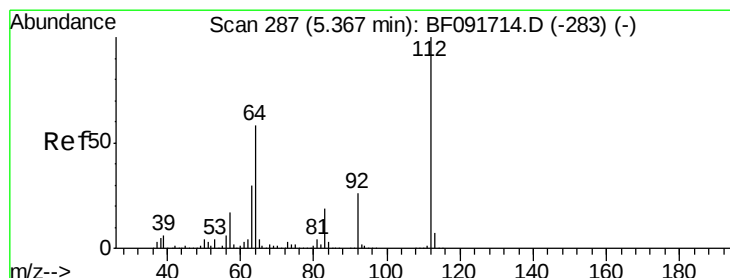
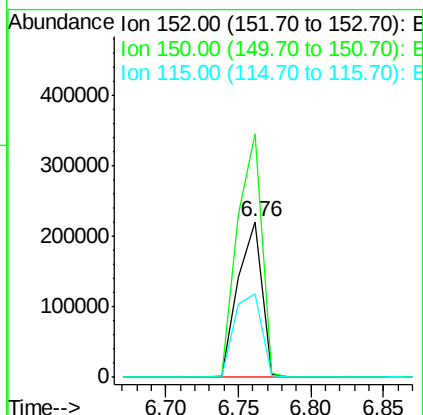
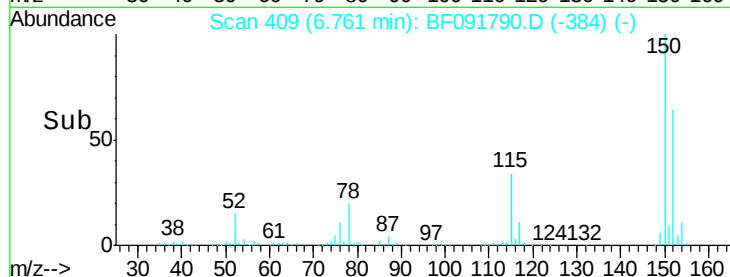
115 53.5 46.0 69.0



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: 60.46 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

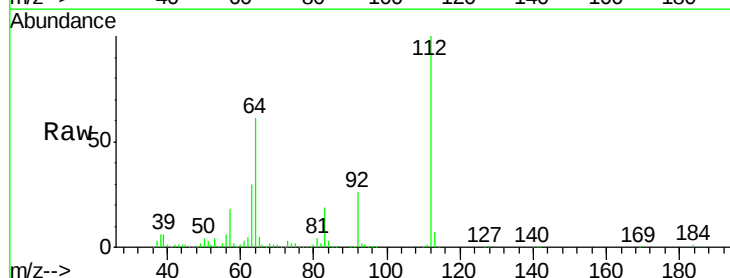
Tgt Ion:112 Resp: 909701

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

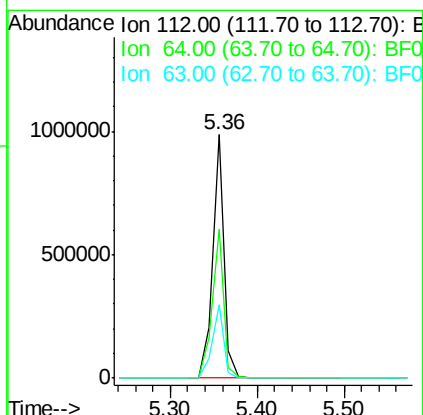
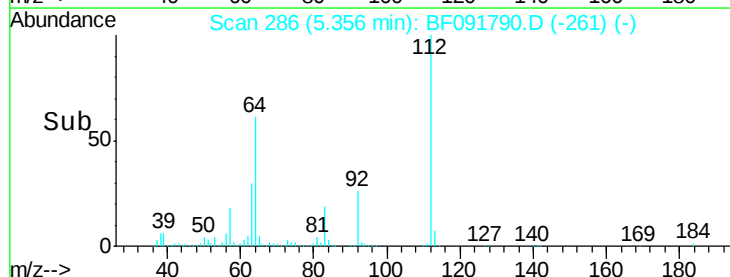
63 30.3 23.8 35.6

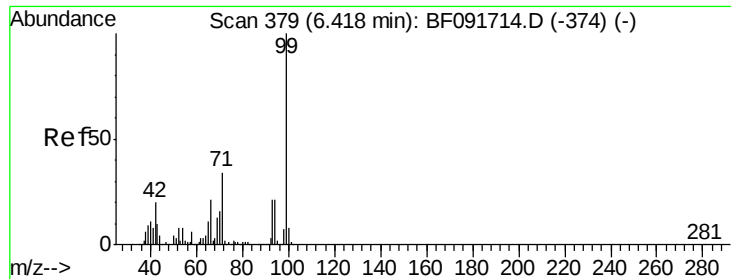


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.35 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

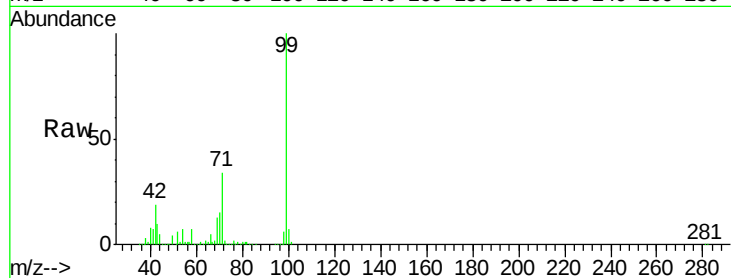
Tgt Ion: 99 Resp: 612030

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

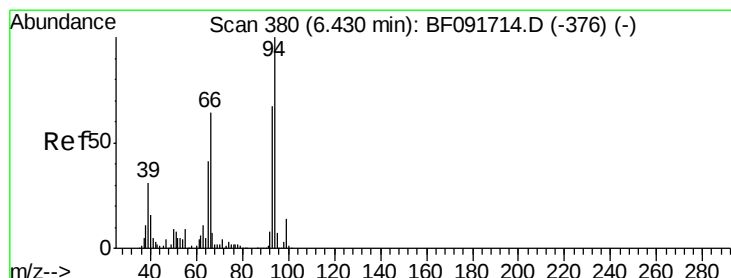
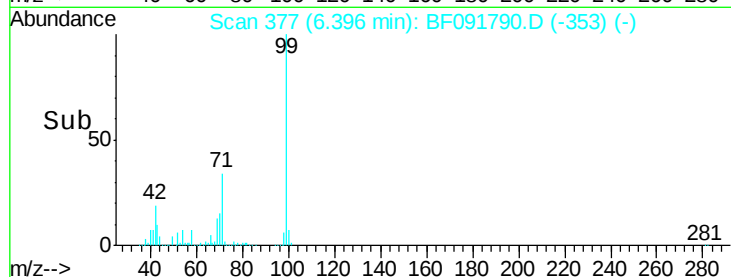
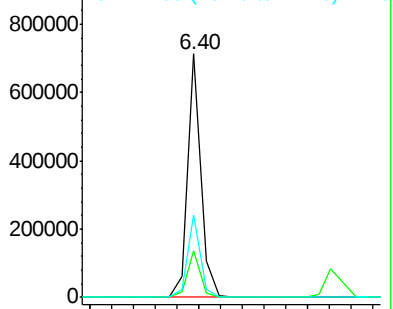
71 34.1 27.5 41.3



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



#10

Phenol

Concen: 2.57 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

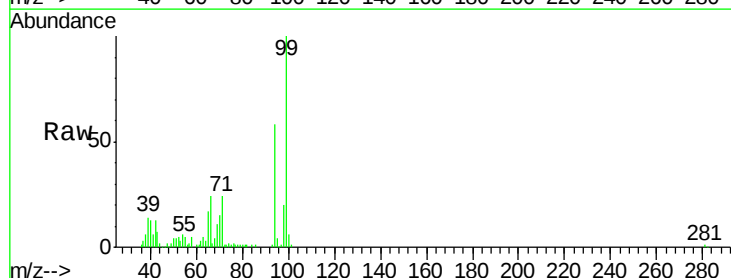
Tgt Ion: 94 Resp: 53143

Ion Ratio Lower Upper

94 100

65 29.3 21.4 61.4

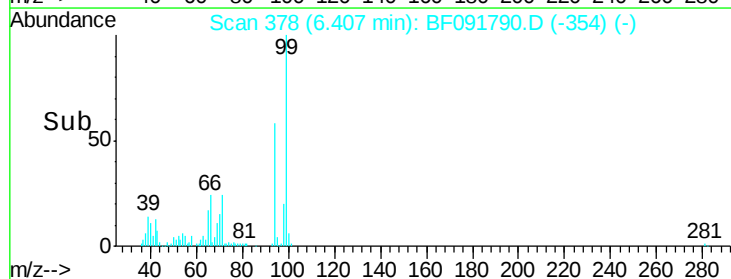
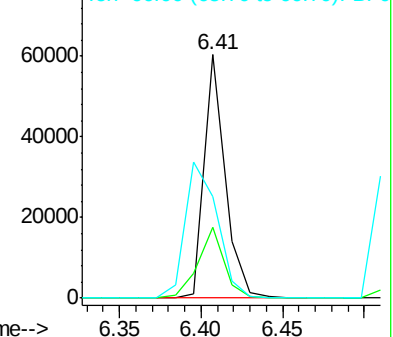
66 41.4 44.0 84.0#

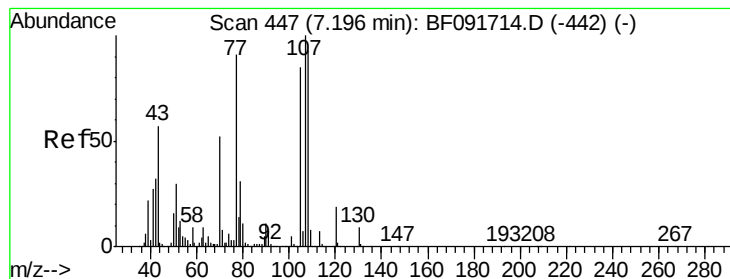


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.23 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

Tgt Ion: 70 Resp: 173747

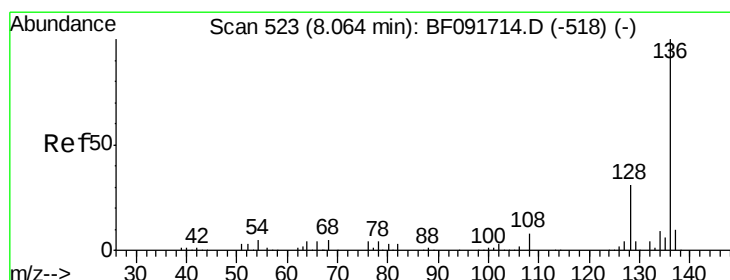
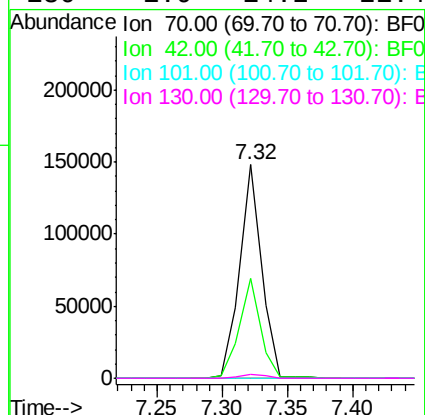
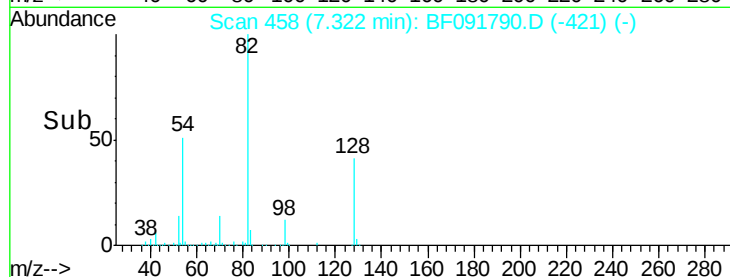
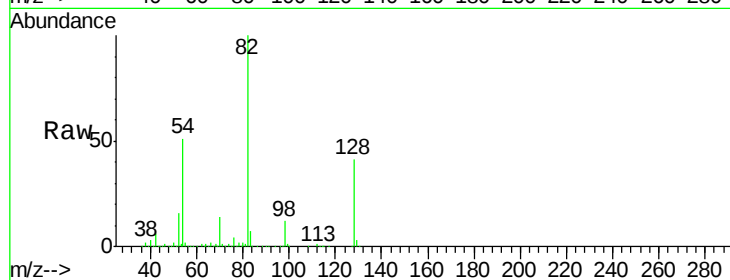
Ion Ratio Lower Upper

70 100

42 47.0 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Tgt Ion: 136 Resp: 1017895

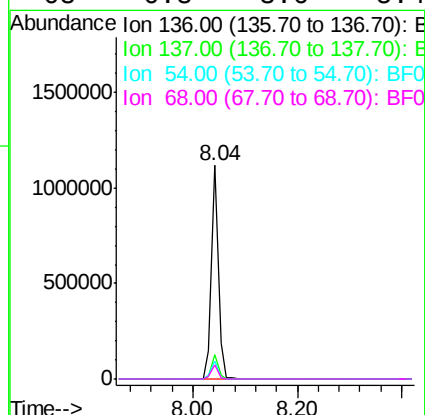
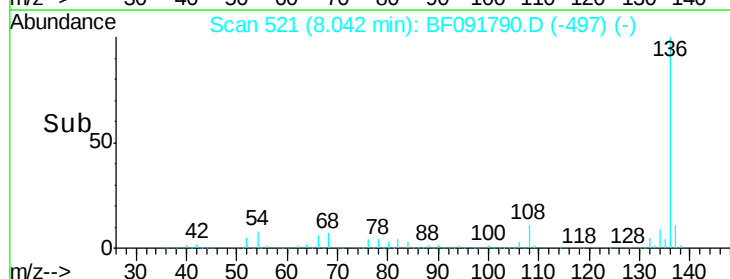
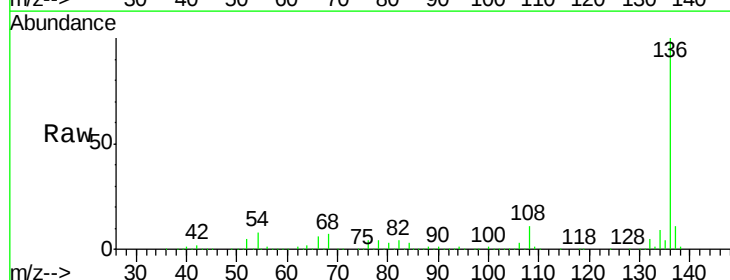
Ion Ratio Lower Upper

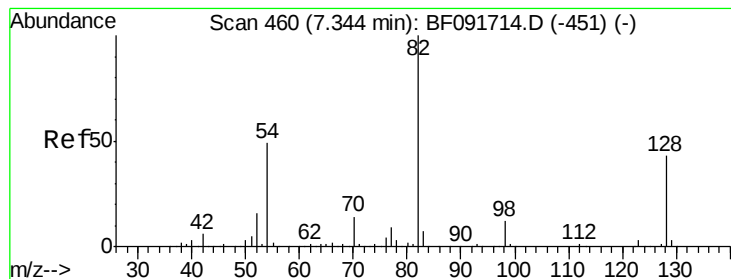
136 100

137 11.4 8.4 12.6

54 8.5 4.5 6.7#

68 6.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 73.86 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

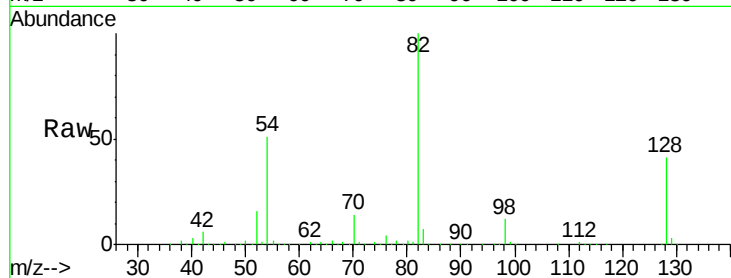
Tgt Ion: 82 Resp: 1303619

Ion Ratio Lower Upper

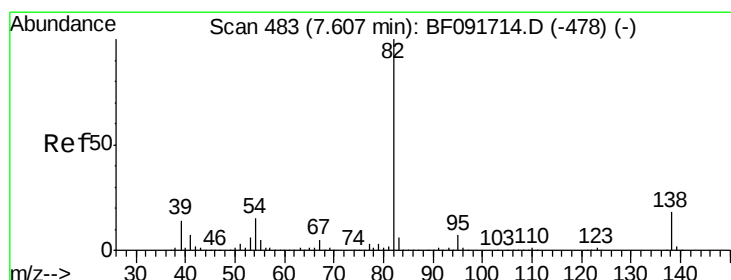
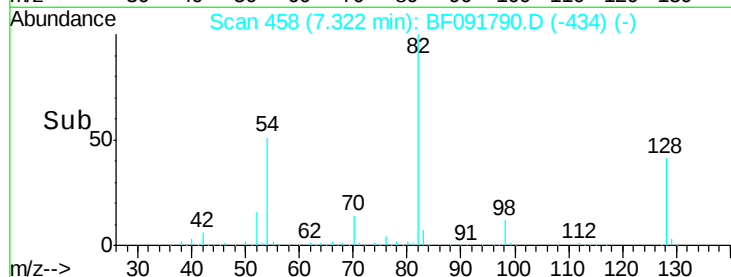
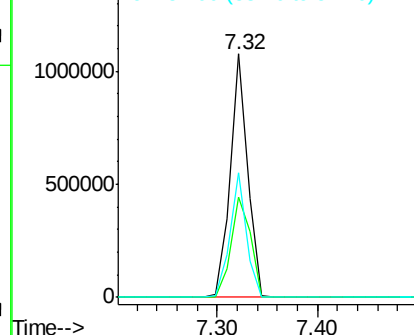
82 100

128 41.2 34.6 52.0

54 51.3 39.5 59.3



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: 31.08 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

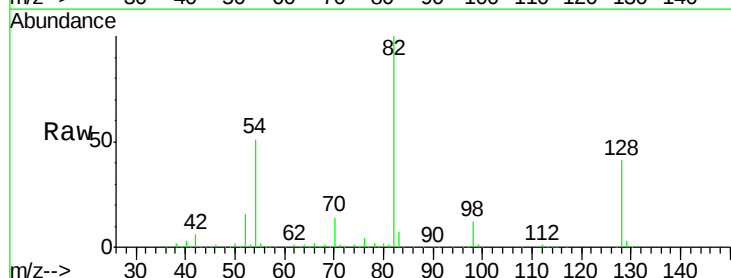
Tgt Ion: 82 Resp: 1046762

Ion Ratio Lower Upper

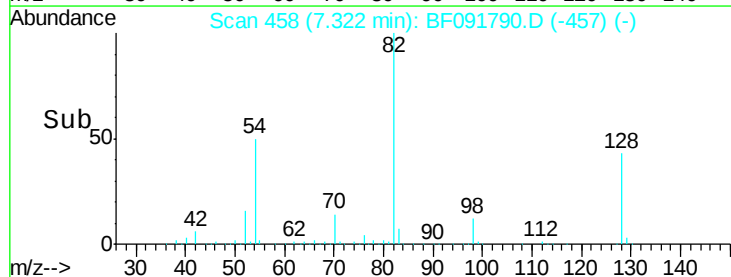
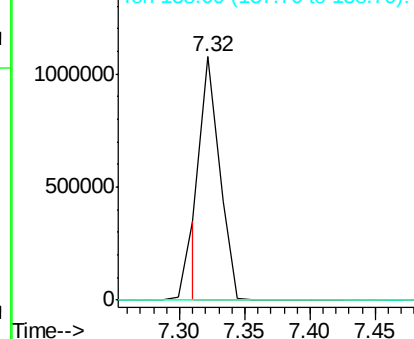
82 100

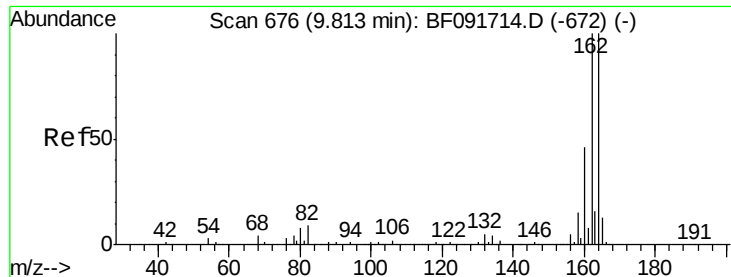
95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



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

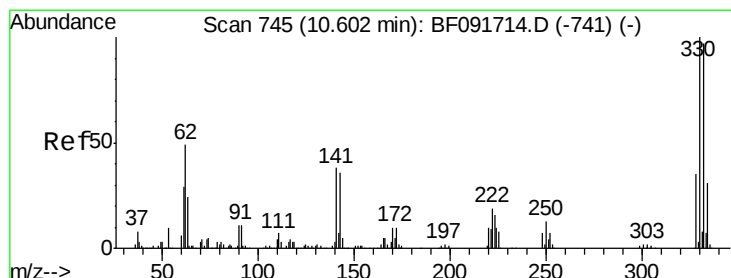
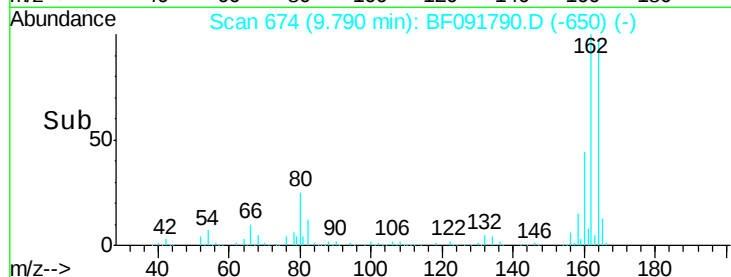
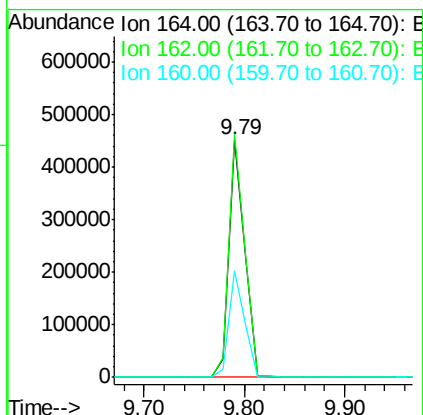
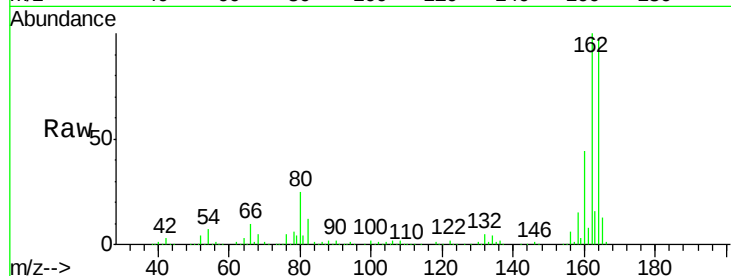




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

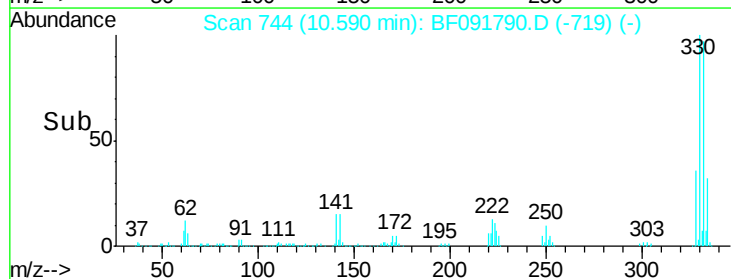
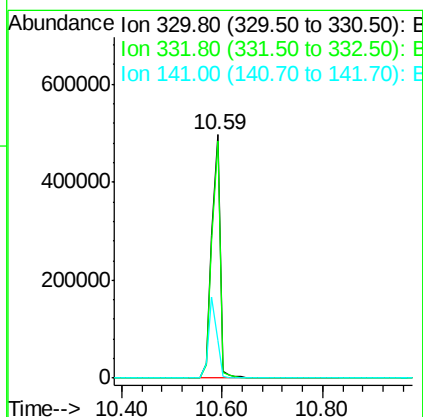
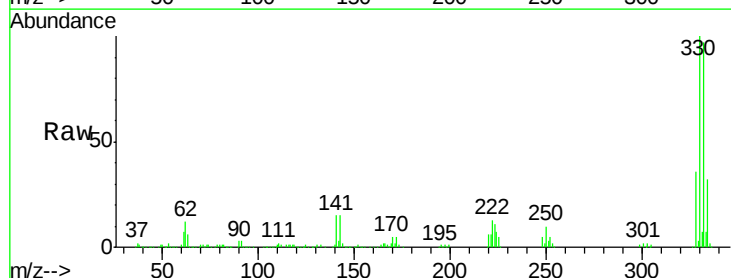
Instrument :
BNA_F
ClientSampleId :
MW-23

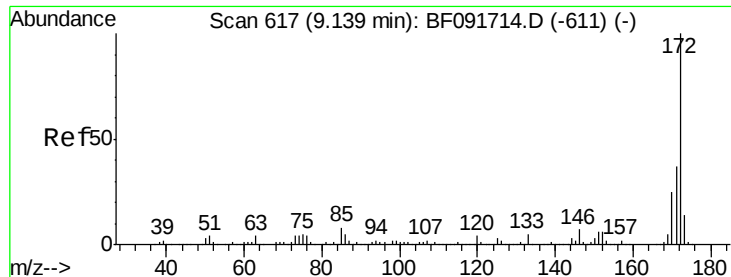
Tgt Ion:164 Resp: 491416
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 44.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 140.58 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:330 Resp: 585781
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.9 34.1 51.1#

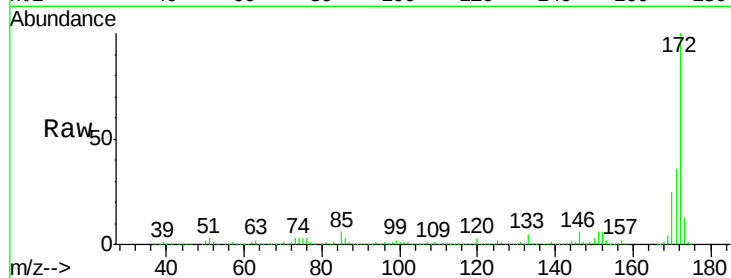




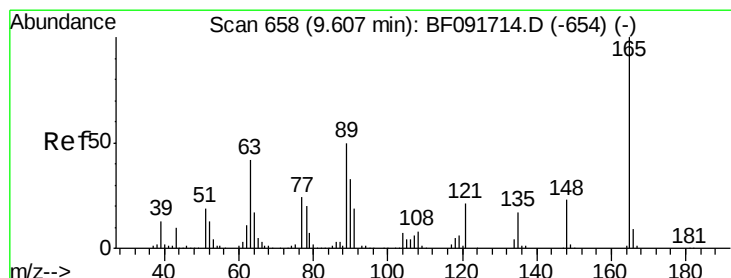
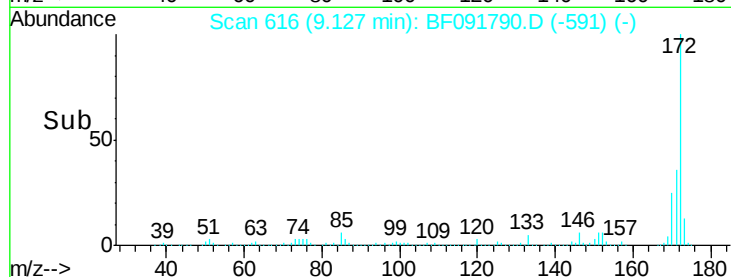
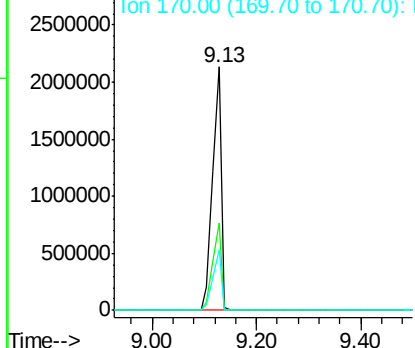
#44
 2-Fluorobiphenyl
 Concen: 101.50 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Instrument :
 BNA_F
 ClientSampled :
 MW-23

Tgt Ion:172 Resp: 2482657
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.9 20.2 30.4

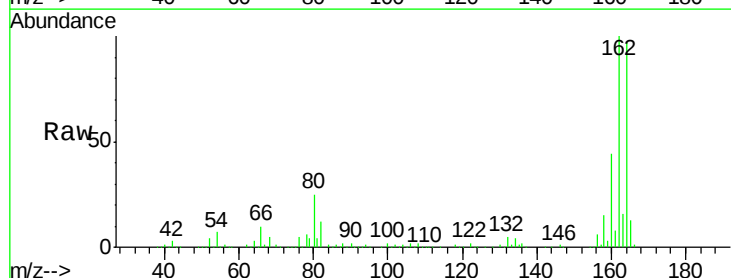


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

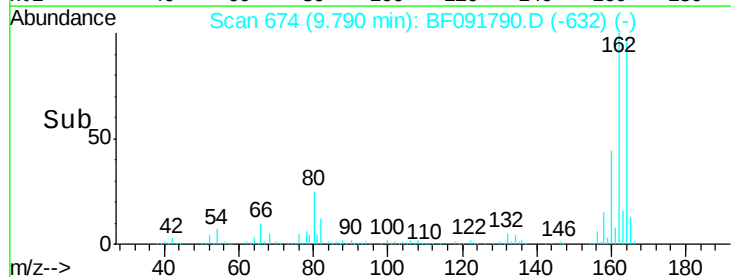
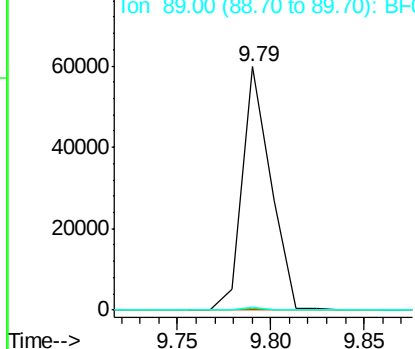


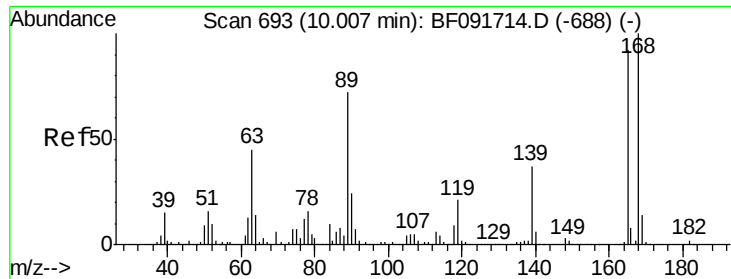
#50
 2,6-Dinitrotoluene
 Concen: 9.05 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Tgt Ion:165 Resp: 63702
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.1 40.2 60.4#



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

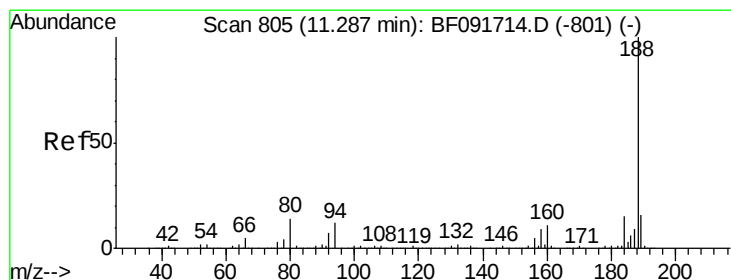
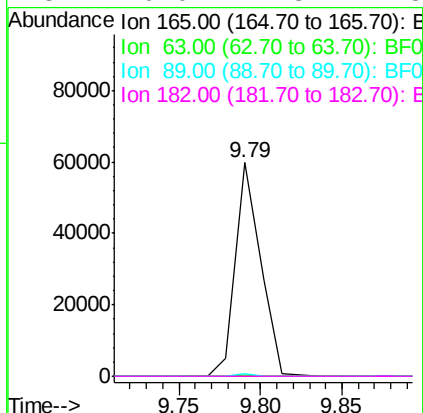
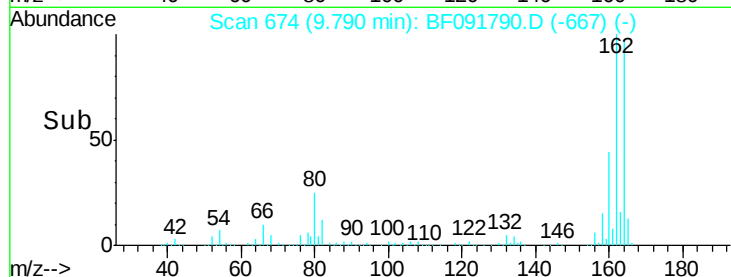
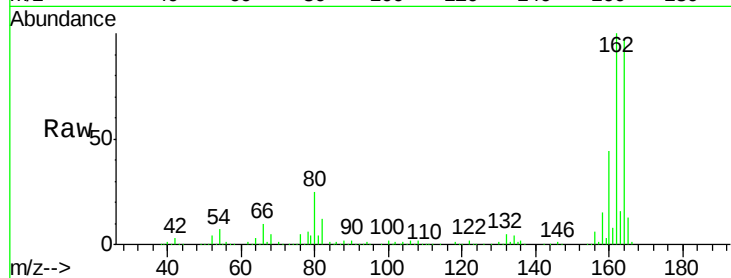




#56
 2,4-Dinitrotoluene
 Concen: 7.24 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

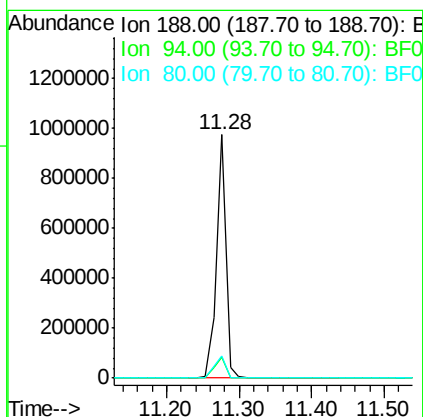
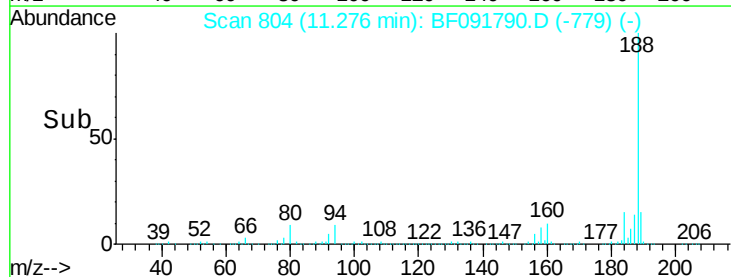
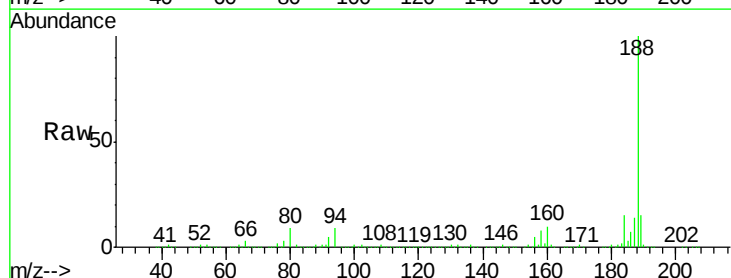
Instrument :
 BNA_F
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 MW-23

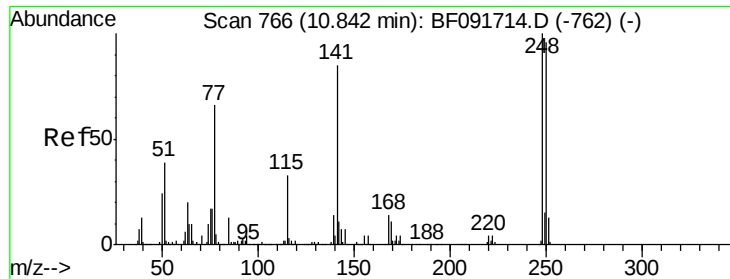
Tgt Ion:	165	Resp:	63692
Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Tgt Ion:	188	Resp:	881118
Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.0	11.2	16.8#

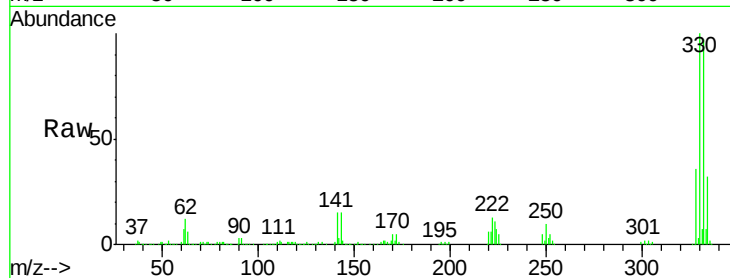




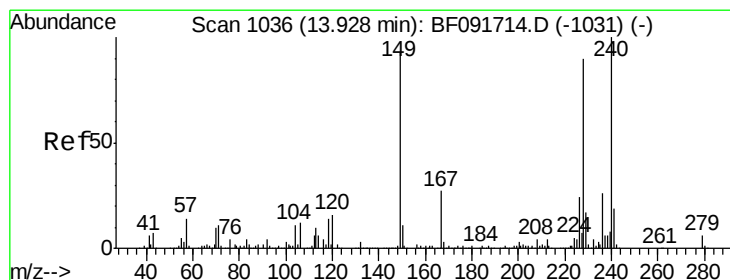
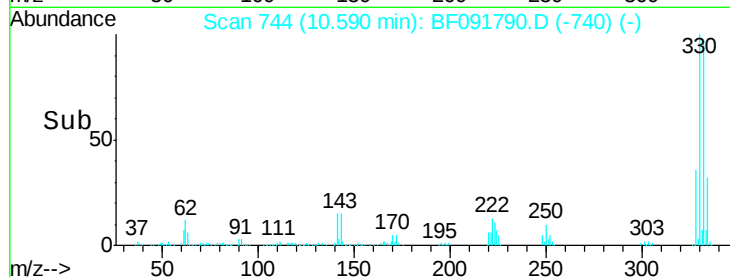
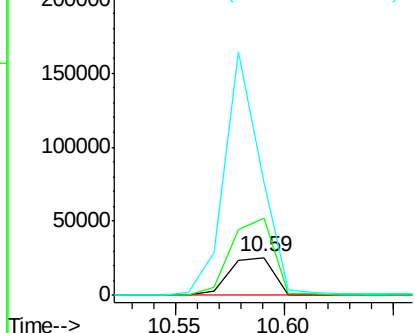
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tgt Ion:248 Resp: 35997
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 295.9 68.2 102.4#

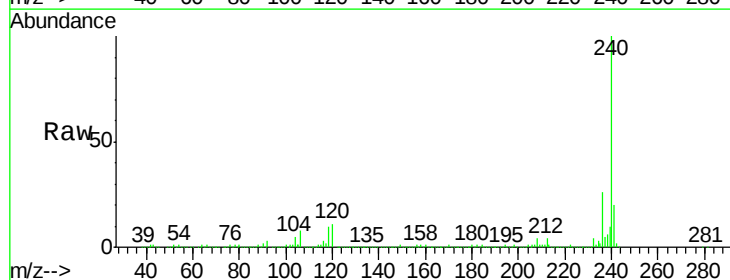


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

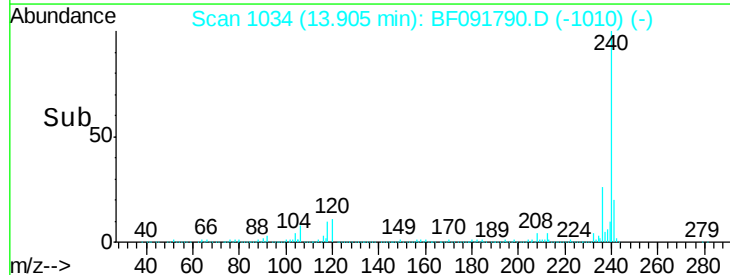
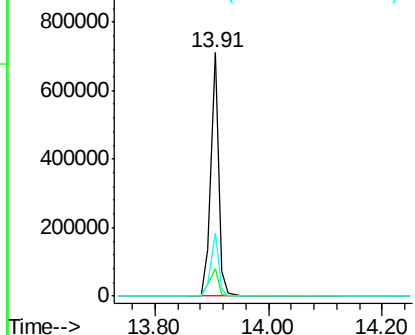


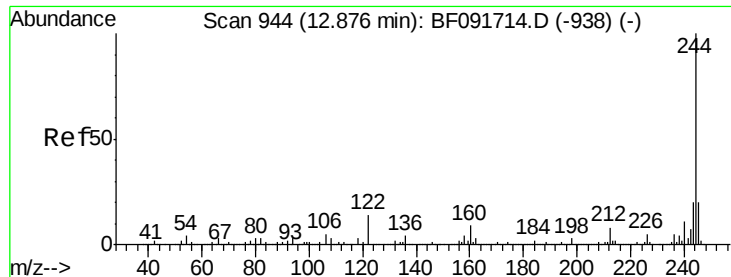
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Tgt Ion:240 Resp: 650430
 Ion Ratio Lower Upper
 240 100
 120 11.4 12.9 19.3#
 236 25.8 20.9 31.3



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

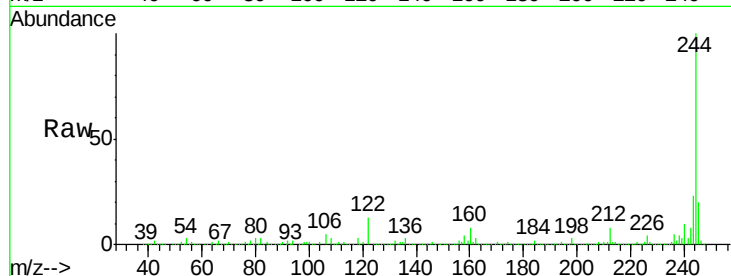




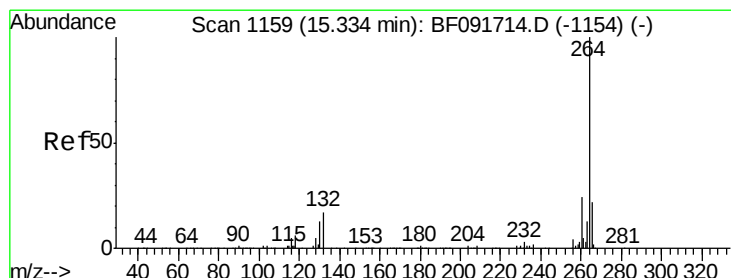
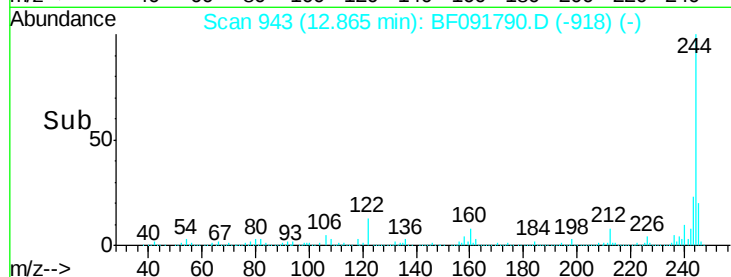
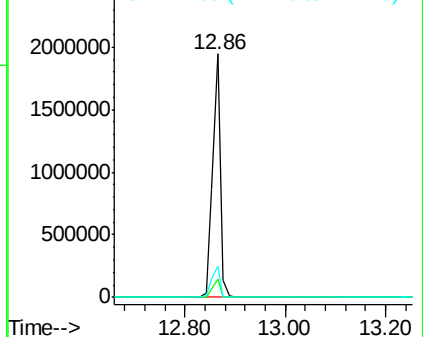
#78
 Terphenyl-d14
 Concen: 80.44 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tgt Ion:244 Resp: 2072023
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.0 11.4 17.2

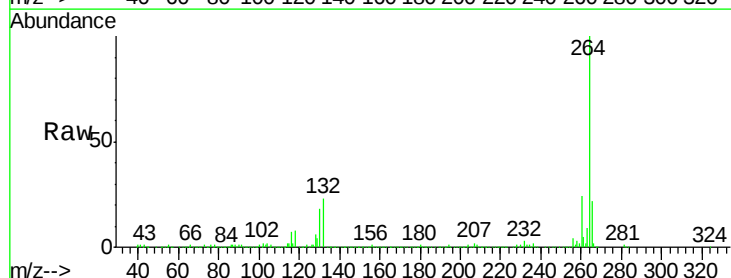


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Tgt Ion:264 Resp: 516743
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 17.4 26.0



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

