

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091786.D
 Acq On : 19 Dec 2016 21:20
 Operator : UM/SJ
 Sample : H6011-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Dec 19 23:59:49 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

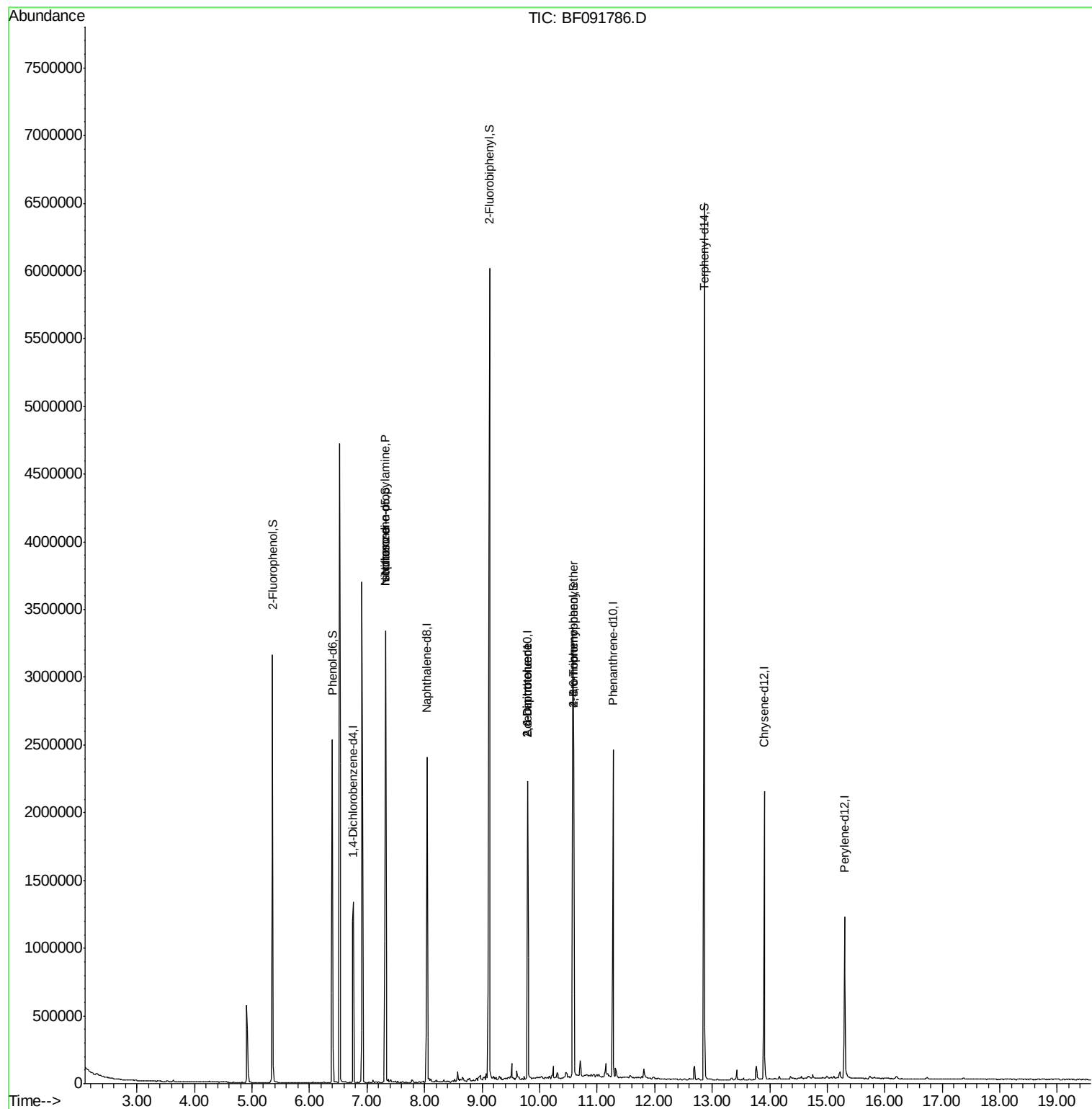
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	298336	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1064287	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	537177	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	911973	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	731890	20.00	ng	-0.02
86) Perylene-d12	15.30	264	583024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1018510	57.20	ng	-0.01
7) Phenol-d6	6.40	99	842794	38.81	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1281180	69.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	599638	131.64	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2475337	92.58	ng	-0.01
78) Terphenyl-d14	12.86	244	2135077	73.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	1752	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	169776	11.75	ng	# 78
25) Isophorone	7.32	82	1013518	28.78	ng	# 65
50) 2,6-Dinitrotoluene	9.79	165	69909	9.09	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	69915	7.27	ng	# 20
66) 4-Bromophenyl-phenylether	10.59	248	37591	3.93	ng	# 1

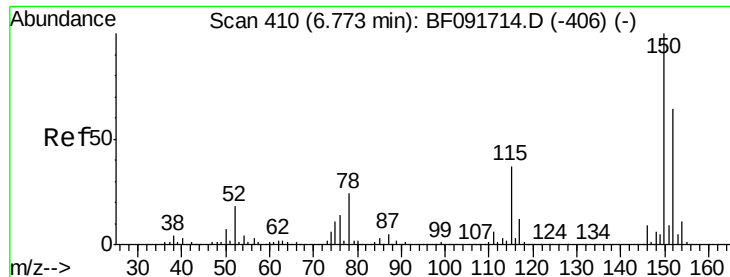
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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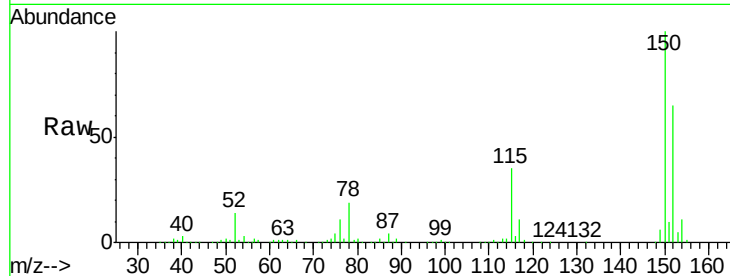




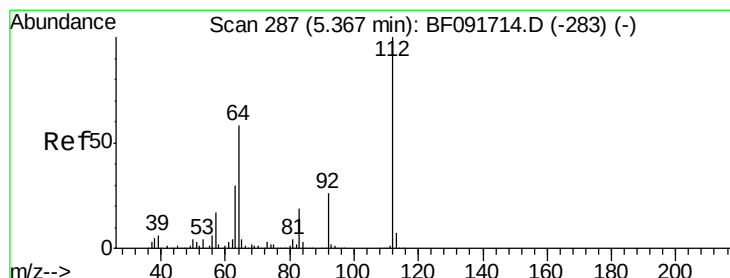
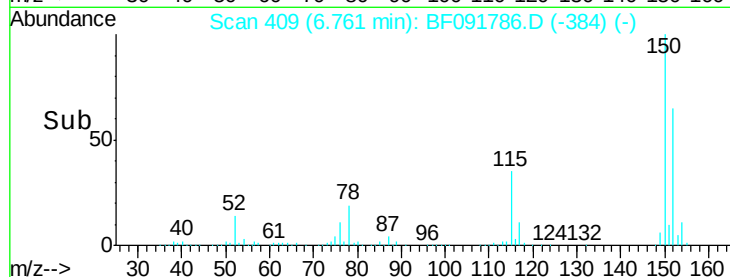
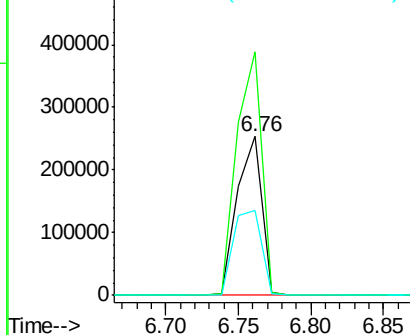
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tgt Ion:152 Resp: 298336
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.9 187.3
 115 53.3 46.0 69.0

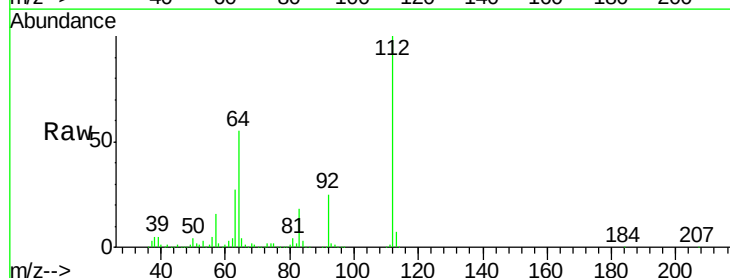


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

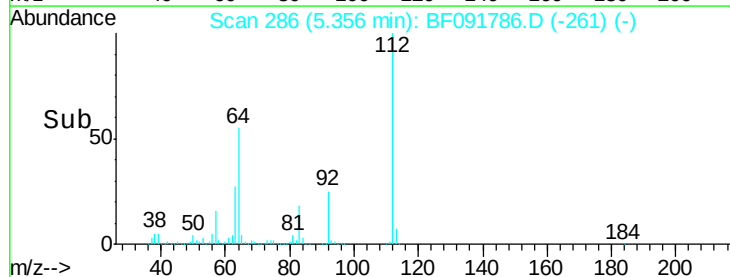
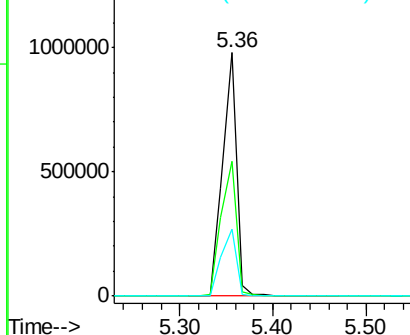


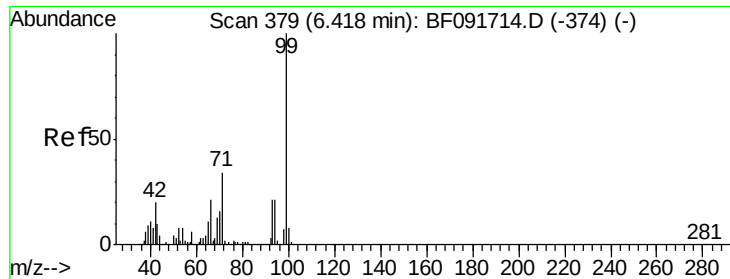
#5
 2-Fluorophenol
 Concen: 57.20 ng
 RT: 5.36 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

Tgt Ion:112 Resp: 1018510
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.1 69.1
 63 27.4 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: 38.81 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-25

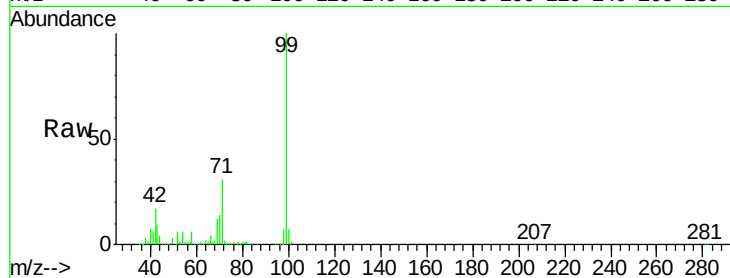
Tgt Ion: 99 Resp: 842794

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

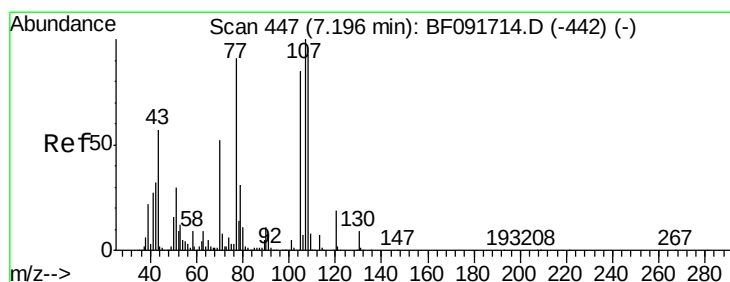
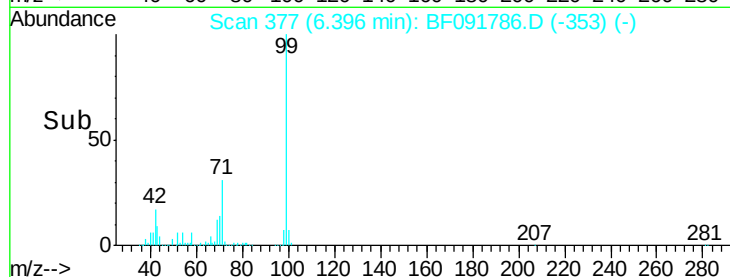
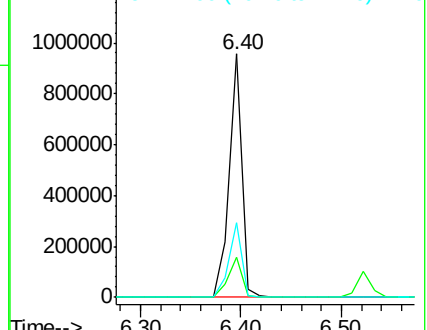
71 30.7 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.75 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Tgt Ion: 70 Resp: 169776

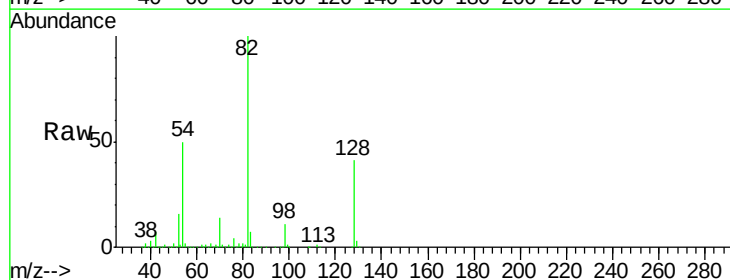
Ion Ratio Lower Upper

70 100

42 48.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

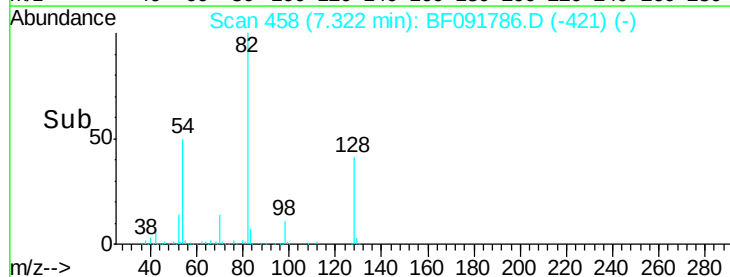
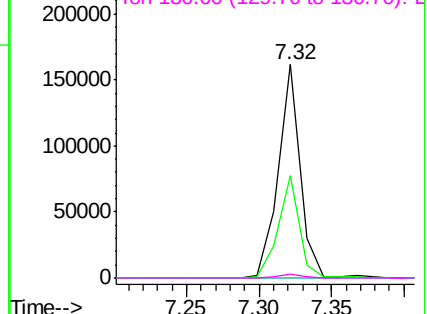


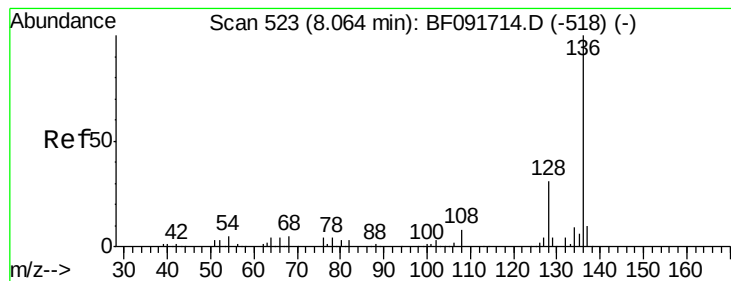
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

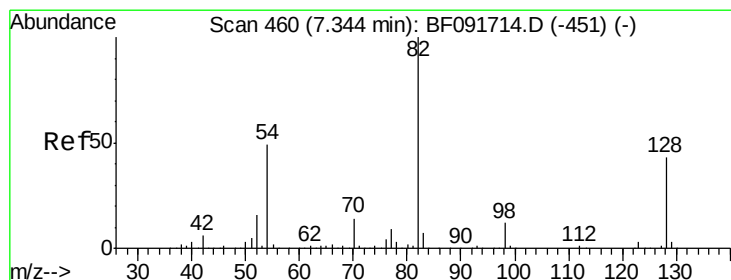
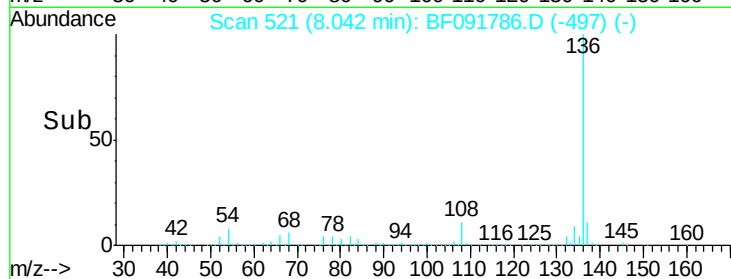
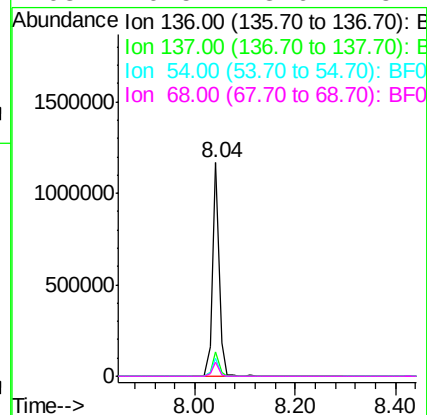
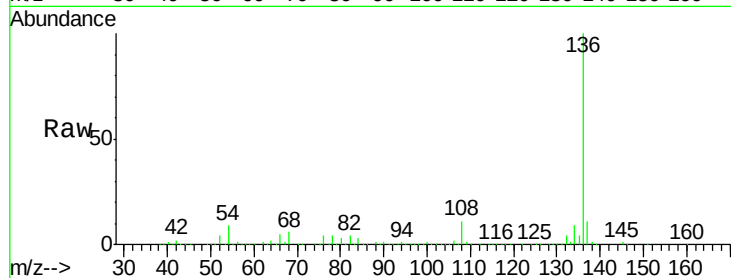




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

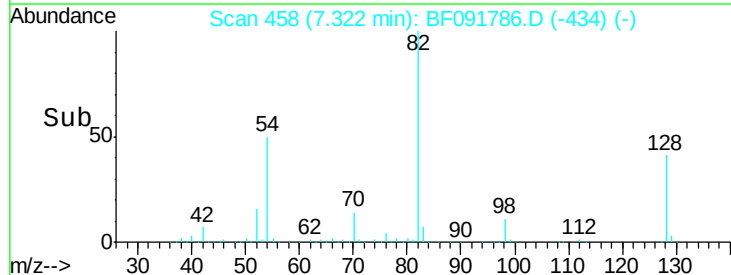
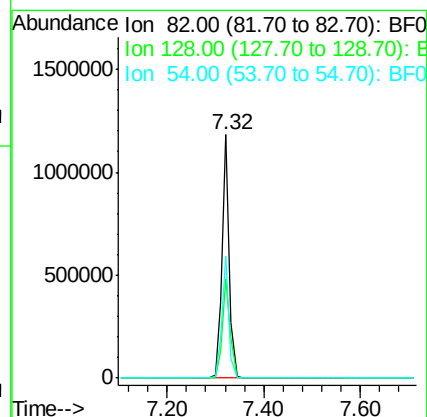
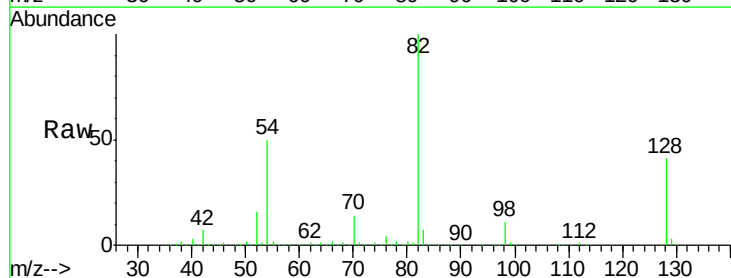
Instrument :
BNA_F
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MW-25

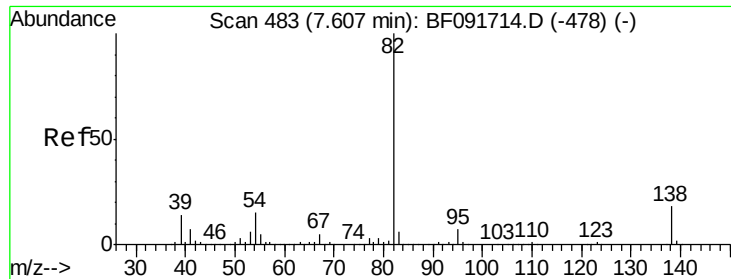
Tgt Ion: 136 Resp: 1064287
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.5 4.5 6.7#
68 6.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 69.42 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

Tgt Ion: 82 Resp: 1281180
Ion Ratio Lower Upper
82 100
128 40.9 34.6 52.0
54 50.3 39.5 59.3





#25

Isophorone

Concen: 28.78 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-25

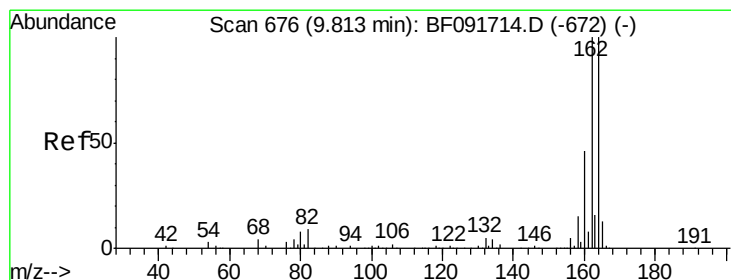
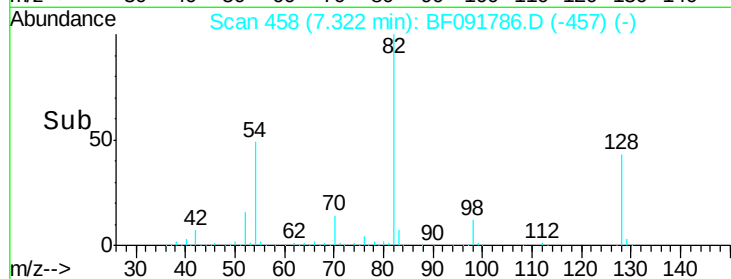
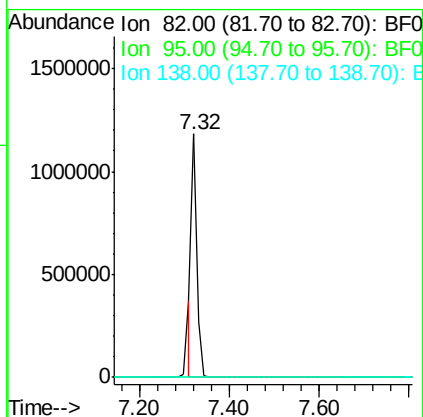
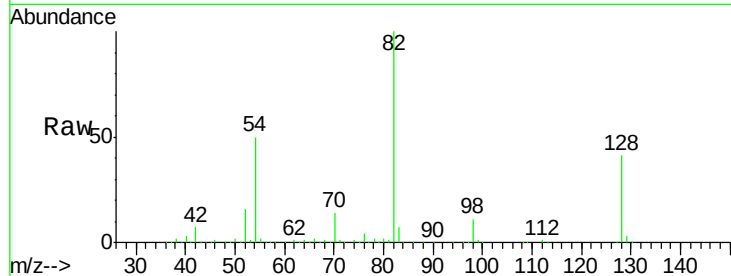
Tgt Ion: 82 Resp: 1013518

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

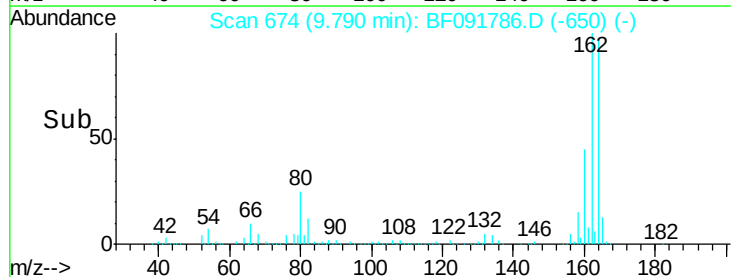
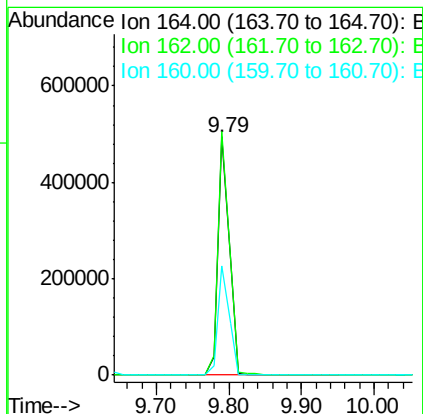
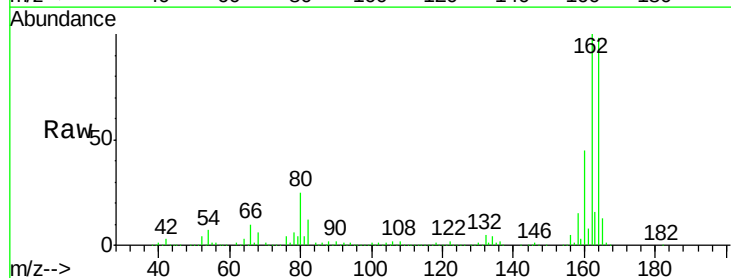
Tgt Ion: 164 Resp: 537177

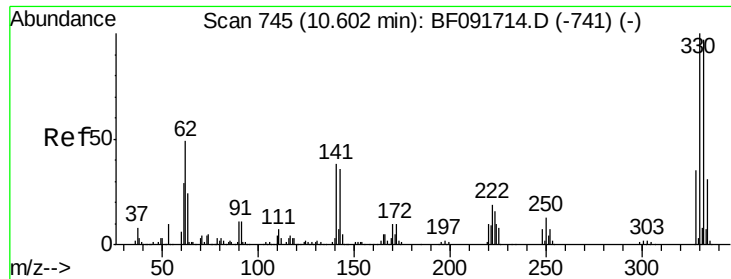
Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

160 46.0 36.9 55.3

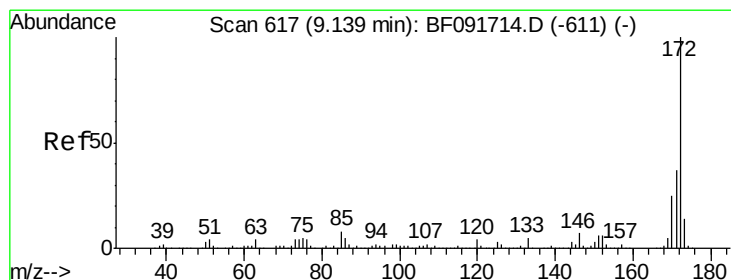
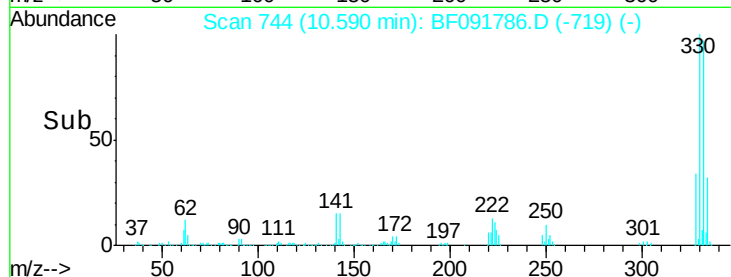
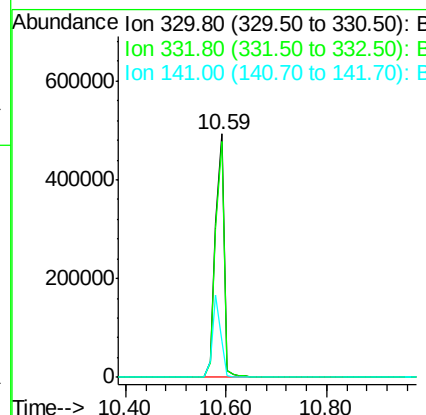
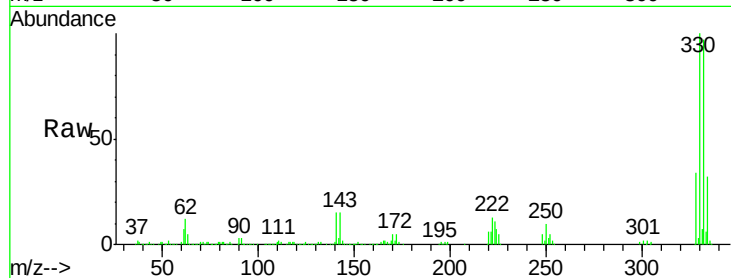




#41
 2,4,6-Tribromophenol
 Concen: 131.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

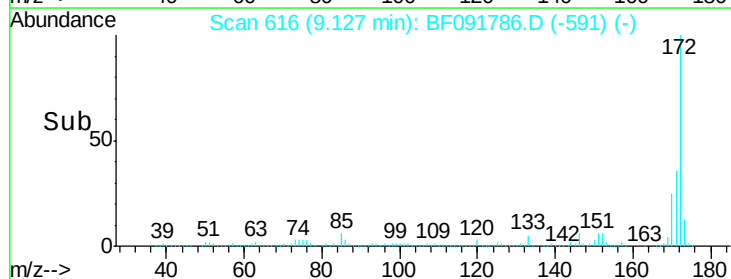
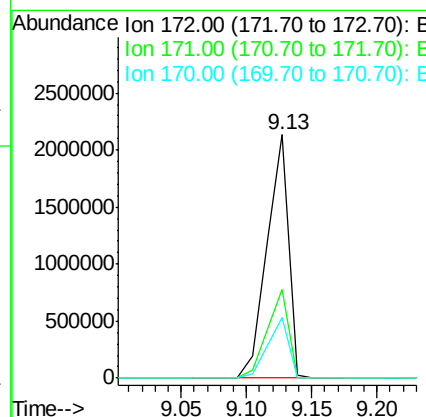
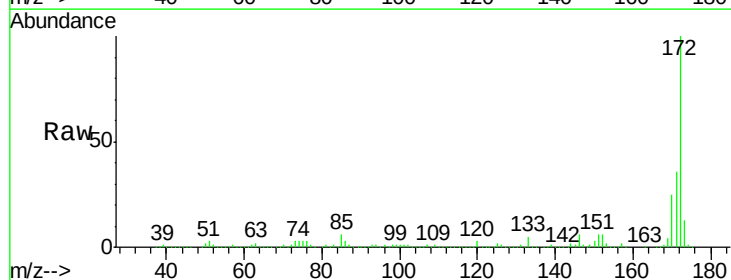
Instrument :
 BNA_F
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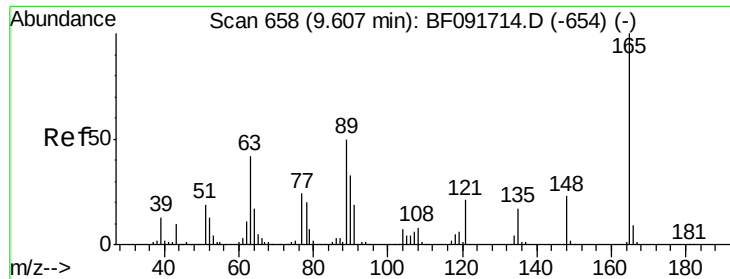
Tgt Ion:330 Resp: 599638
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 32.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

Tgt Ion:172 Resp: 2475337
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4





#50

2,6-Dinitrotoluene

Concen: 9.09 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.18 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-25

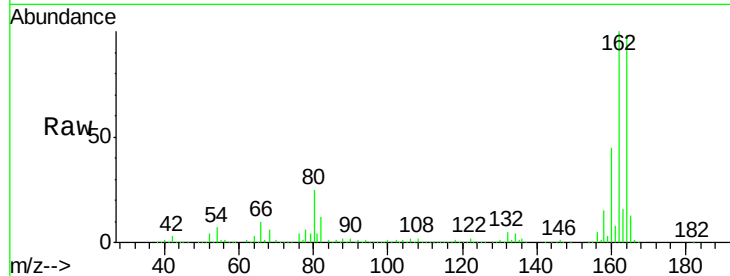
Tgt Ion:165 Resp: 69909

Ion Ratio Lower Upper

165 100

63 1.3 36.2 54.4#

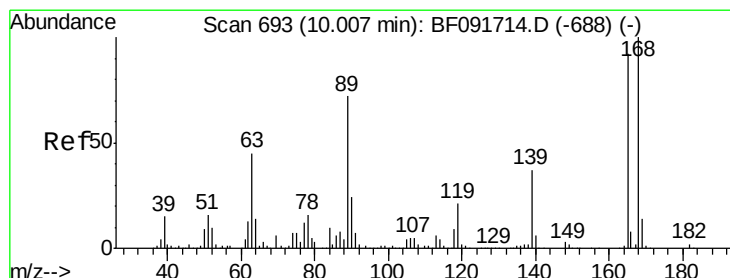
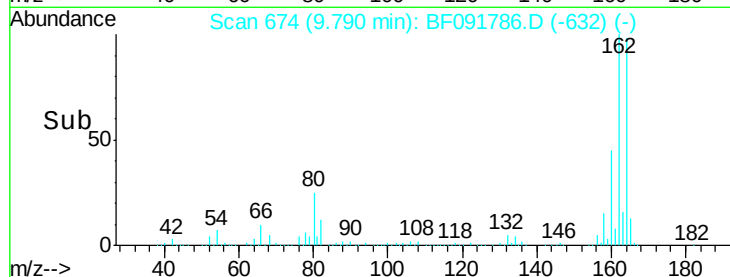
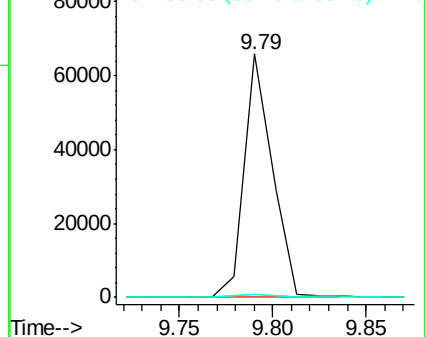
89 1.3 40.2 60.4#



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: 7.27 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.22 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Tgt Ion:165 Resp: 69915

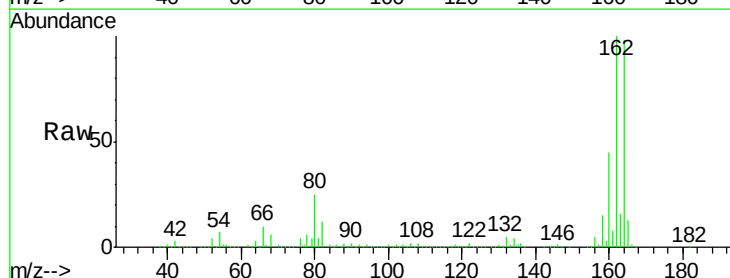
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.3 62.5 93.7#

182 0.5 1.8 2.8#

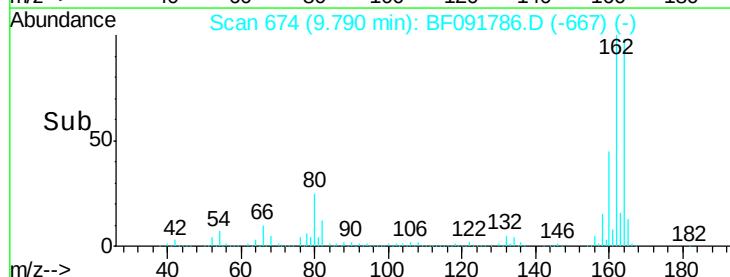
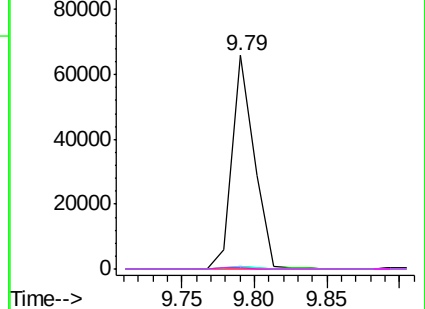


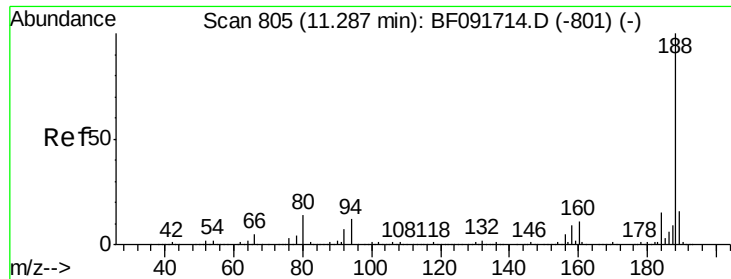
Abundance Ion 165.00 (164.70 to 165.70): E

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

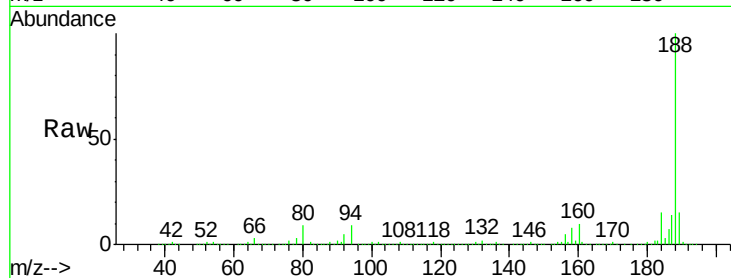




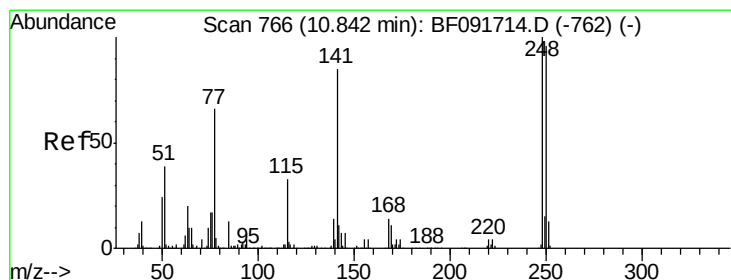
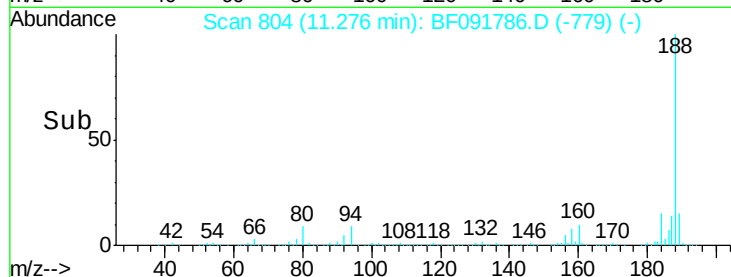
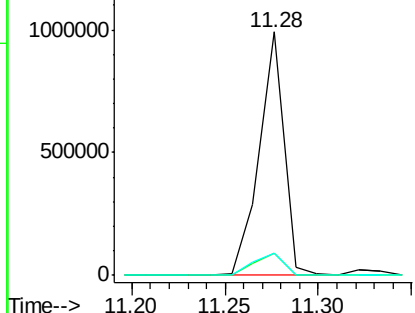
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:188 Resp: 911973
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.1 11.2 16.8#

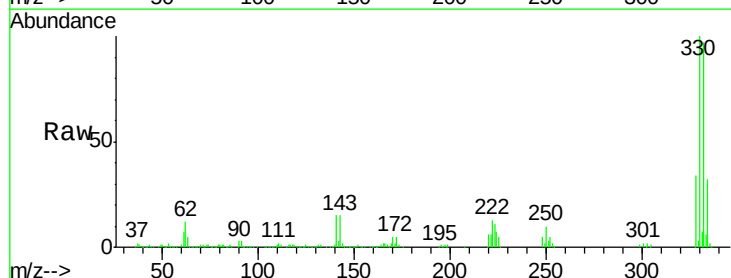


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

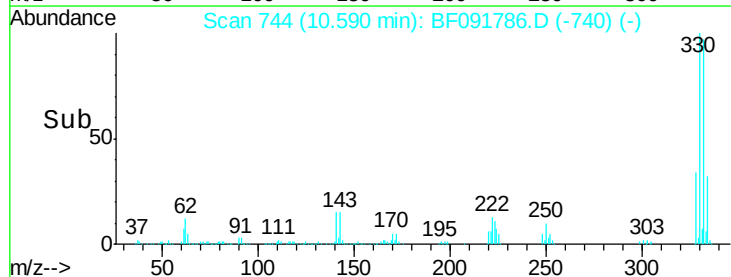
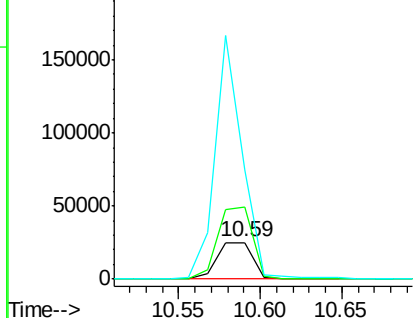


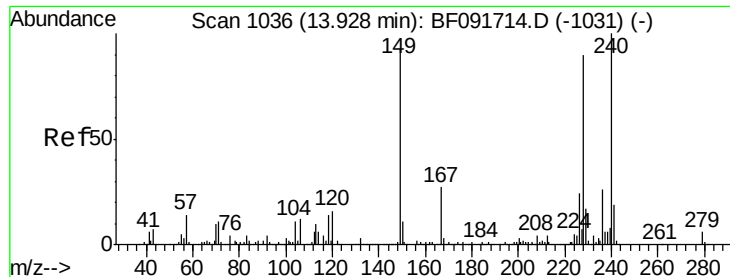
#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

Tgt Ion:248 Resp: 37591
Ion Ratio Lower Upper
248 100
250 197.9 76.9 115.3#
141 298.8 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: BF091786.D

Acq: 19 Dec 2016 21:20

Instrument :

BNA_F

ClientSampled :

MW-25

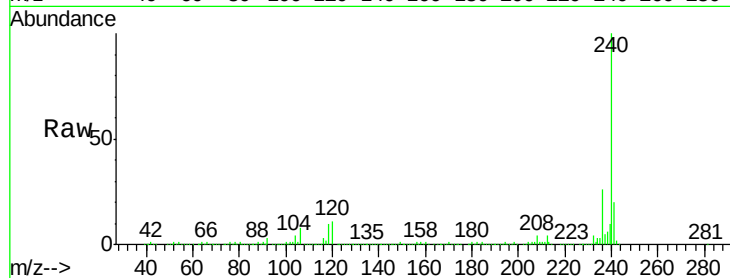
Tgt Ion:240 Resp: 731890

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

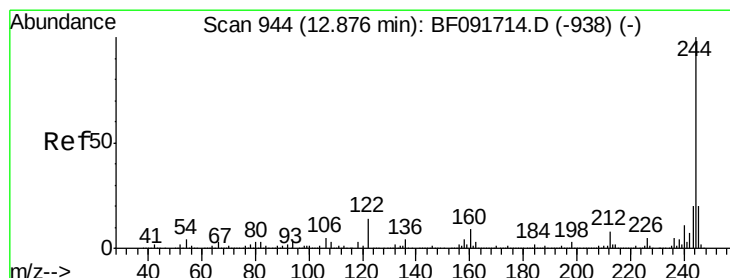
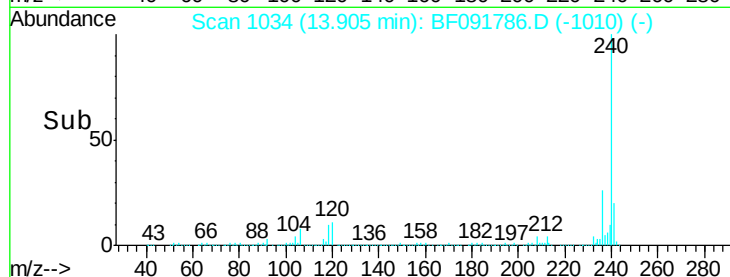
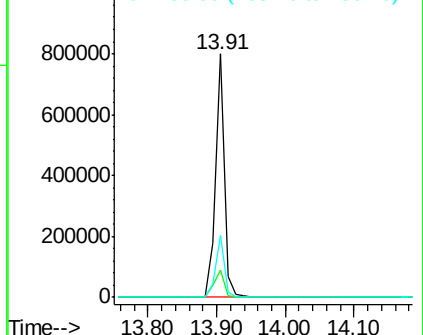
236 25.6 20.9 31.3



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: 73.66 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

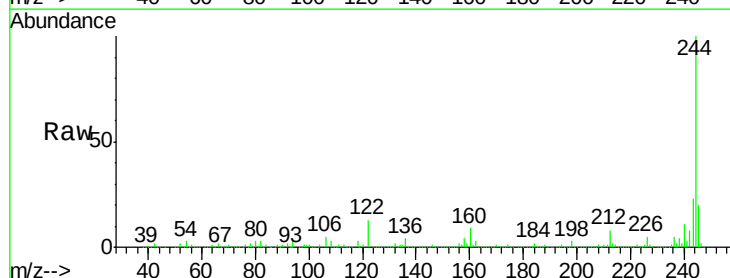
Tgt Ion:244 Resp: 2135077

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

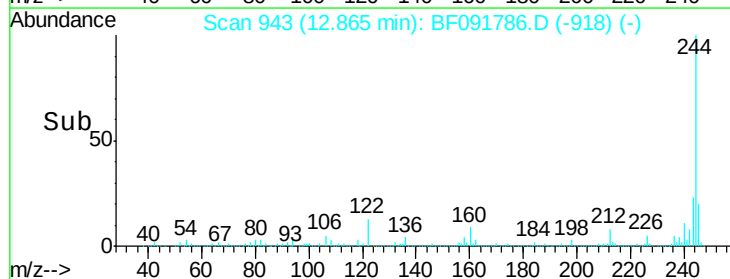
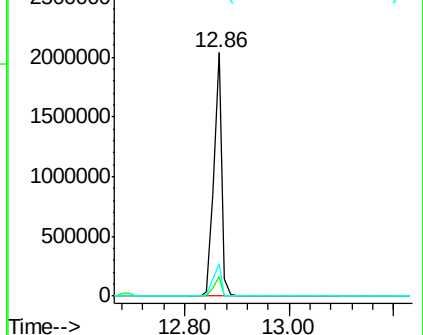
122 13.4 11.4 17.2

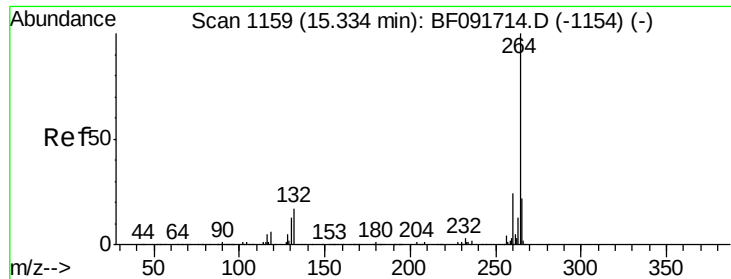


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

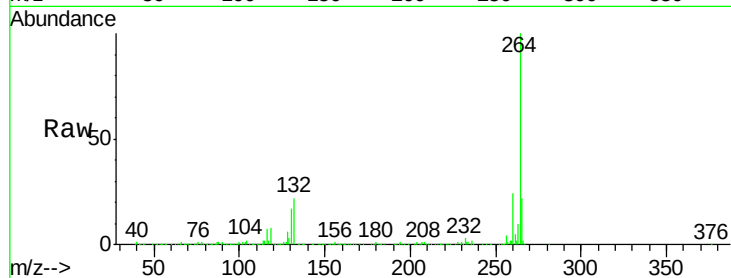




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion: 264 Resp: 583024
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.0 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

