

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091924.D
 Acq On : 23 Dec 2016 15:28
 Operator : UM/SJ
 Sample : H5156-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Quant Time: Dec 23 22:04:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

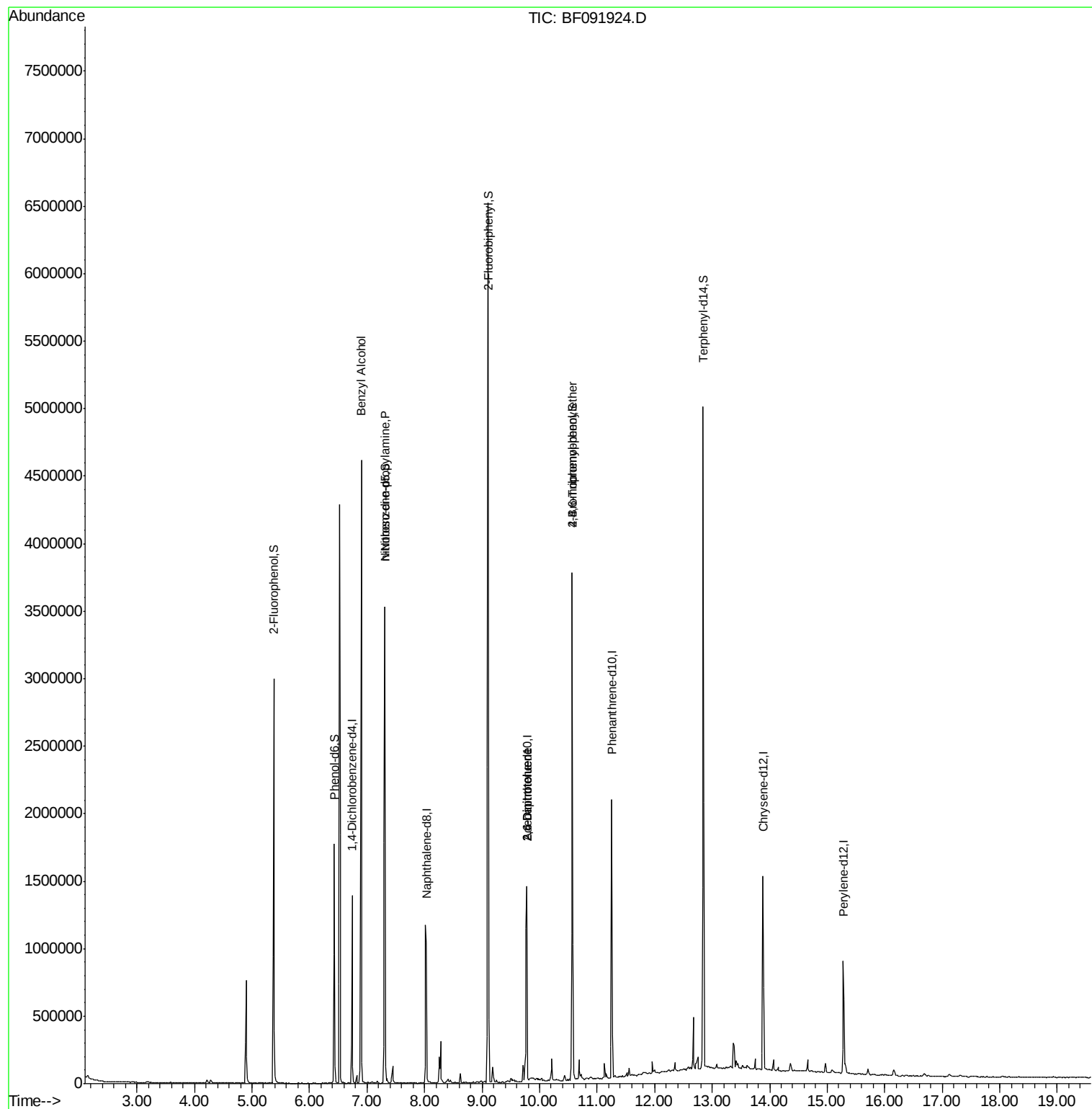
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204066	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	813856	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	434390	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	717277	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	544909	20.00	ng	-0.02
86) Perylene-d12	15.28	264	409259	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	865161	70.79	ng	0.03
7) Phenol-d6	6.43	99	728593	48.83	ng	0.02
23) Nitrobenzene-d5	7.31	82	1388081	94.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	506104	140.78	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2153665	104.55	ng	-0.01
78) Terphenyl-d14	12.84	244	1885242	83.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	1024	Below Cal	#	1
15) Benzyl Alcohol	6.90	79	24492	2.11 ng	#	31
19) n-Nitroso-di-n-propylamine	7.31	70	188692	19.01 ng	#	77
37) 2-Methylnaphthalene	8.74	142	1350	Below Cal	#	98
50) 2,6-Dinitrotoluene	9.78	165	56581	9.30 ng	#	30
56) 2,4-Dinitrotoluene	9.78	165	56584	7.41 ng	#	20
66) 4-Bromophenyl-phenylether	10.57	248	30850	4.13 ng	#	1
71) Anthracene	11.33	178	261	Below Cal	#	2
73) Di-n-butylphthalate	11.82	149	3560	Below Cal	#	85
74) Fluoranthene	12.47	202	1556	Below Cal	#	31
76) Benizidine	12.59	184	1208	Below Cal	#	1

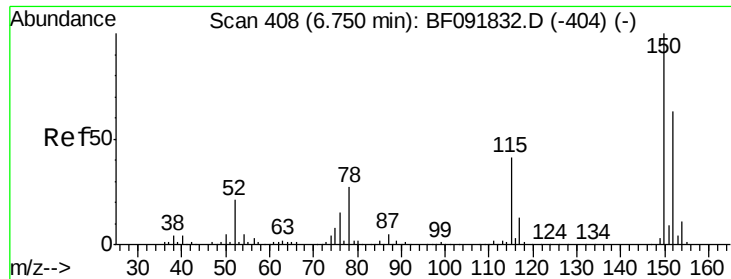
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

MW-11A

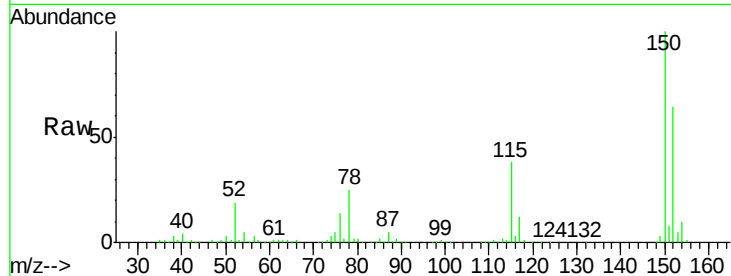
Tgt Ion:152 Resp: 204066

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

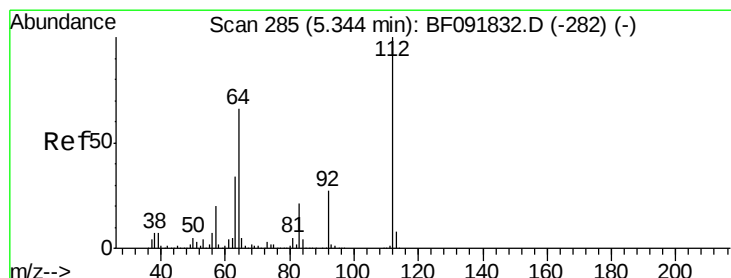
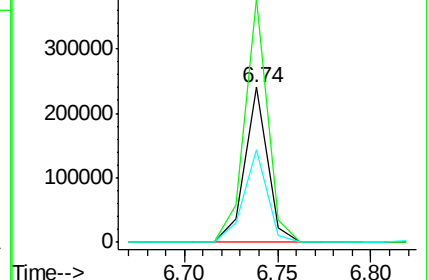
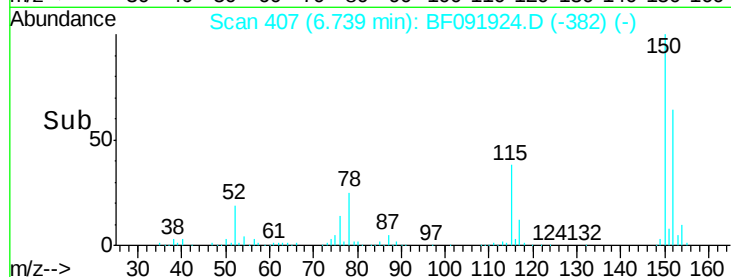
115 59.7 46.0 69.0



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: 70.79 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

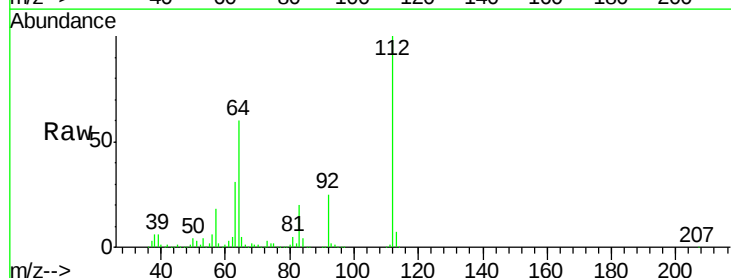
Tgt Ion:112 Resp: 865161

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

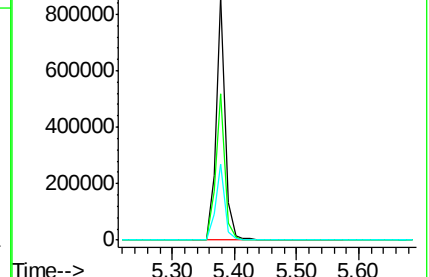
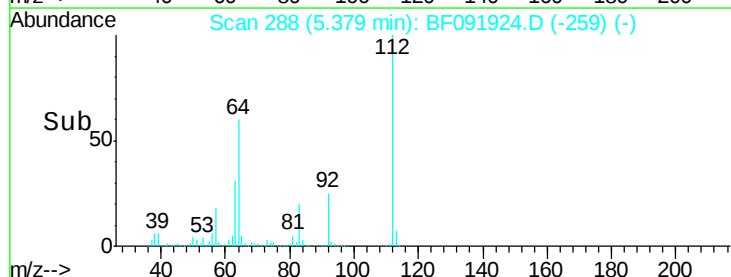
63 31.4 23.8 35.6

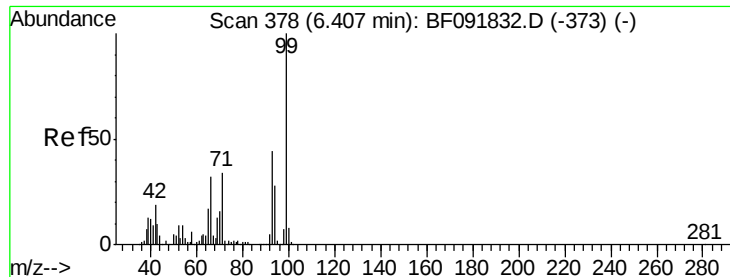


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.83 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

MW-11A

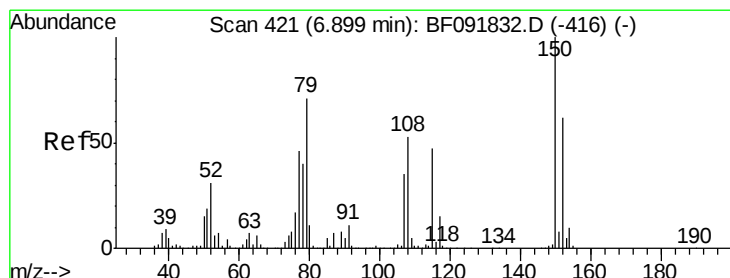
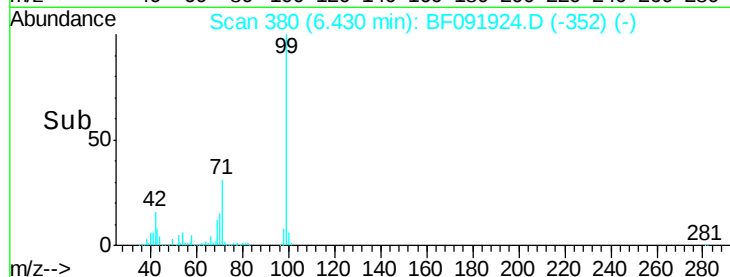
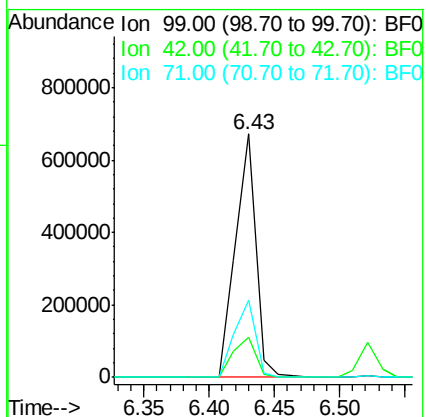
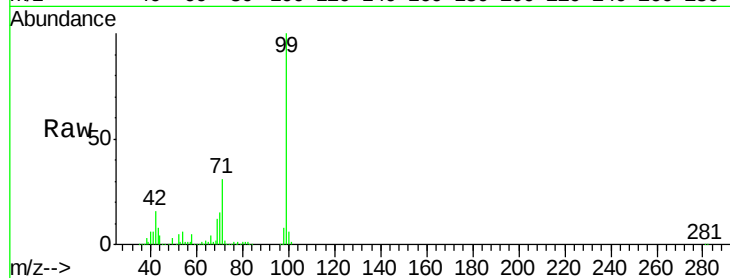
Tgt Ion: 99 Resp: 728593

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

71 31.5 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

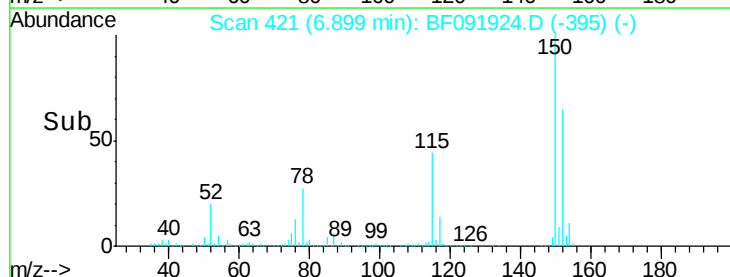
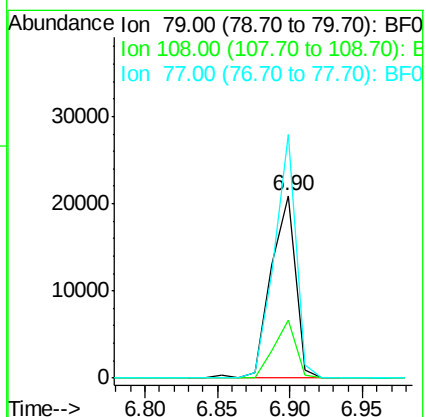
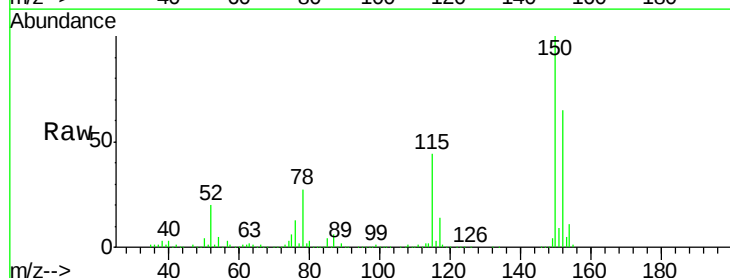
Tgt Ion: 79 Resp: 24492

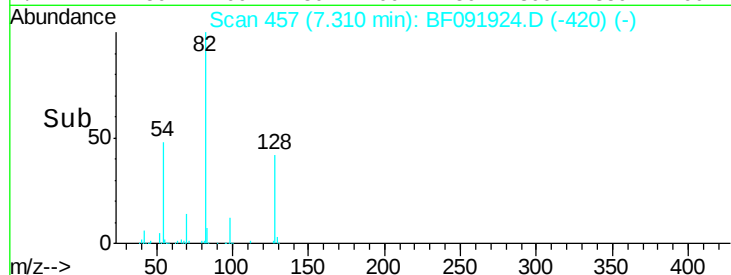
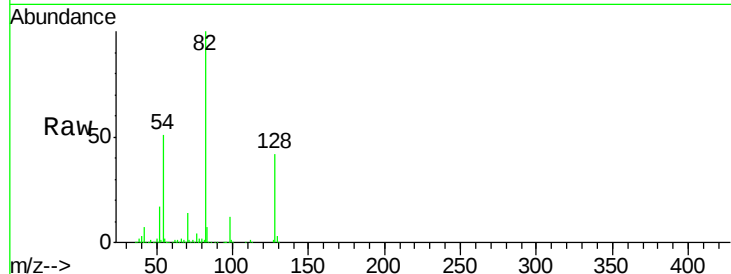
Ion Ratio Lower Upper

79 100

108 31.6 61.4 92.0#

77 133.5 50.9 76.3#

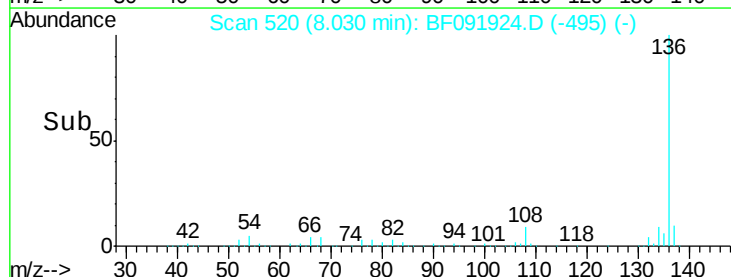
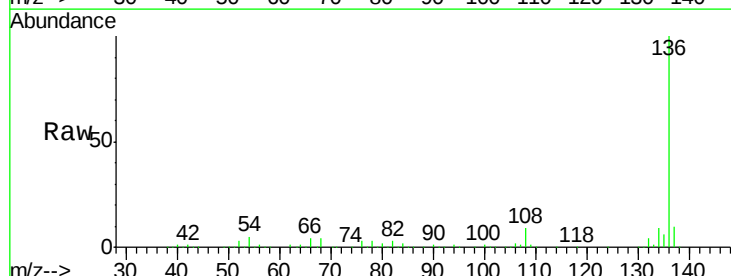
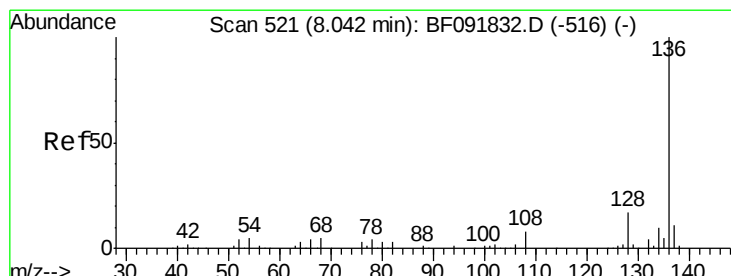
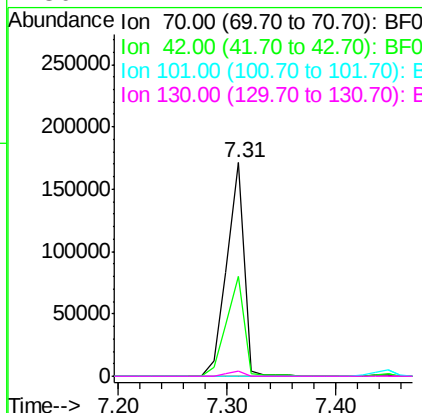




#19
n-Nitroso-di-n-propylamine
Concen: 19.01 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

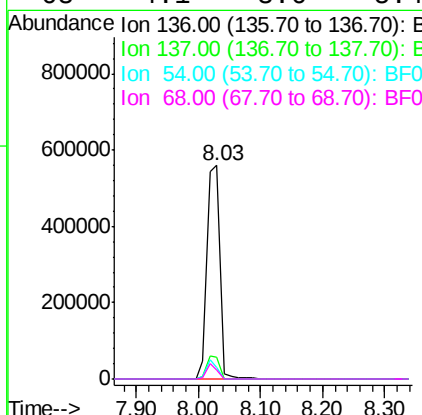
Instrument :
BNA_F
ClientSampled :
MW-11A

Tgt Ion: 70 Resp: 188692
Ion Ratio Lower Upper
70 100
42 46.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

Tgt Ion: 136 Resp: 813856
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 5.2 4.5 6.7
68 4.1 3.6 5.4

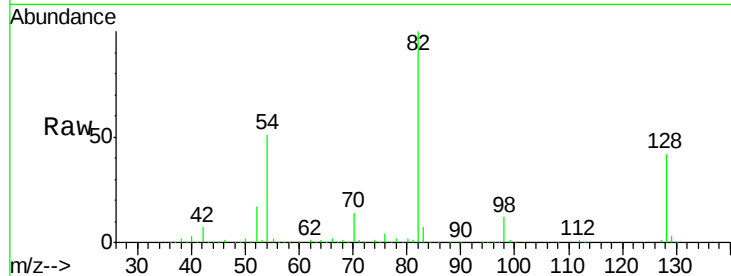




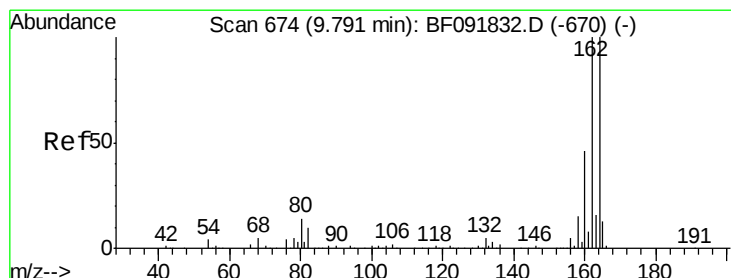
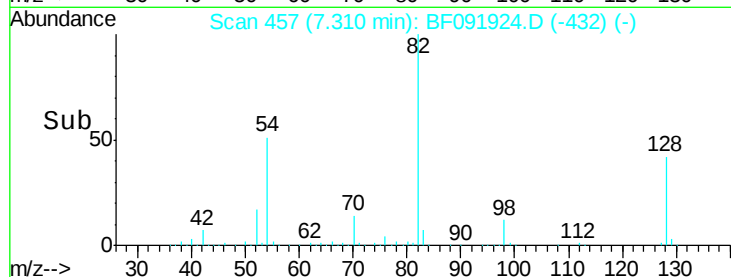
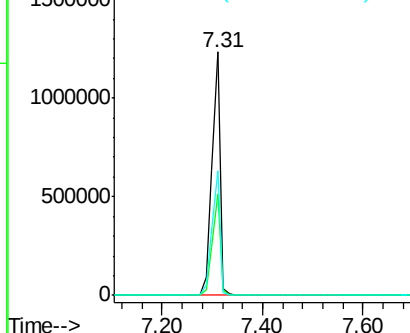
#23
 Nitrobenzene-d5
 Concen: 94.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tgt Ion: 82 Resp: 1388081
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 51.4 39.5 59.3

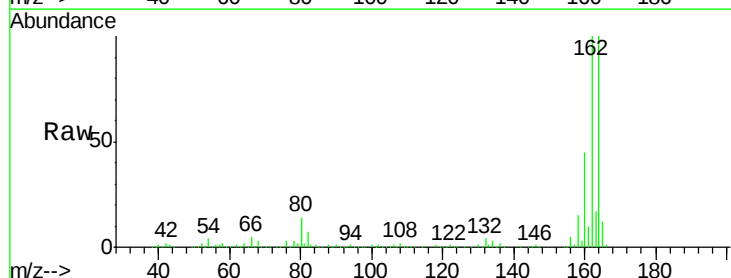


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

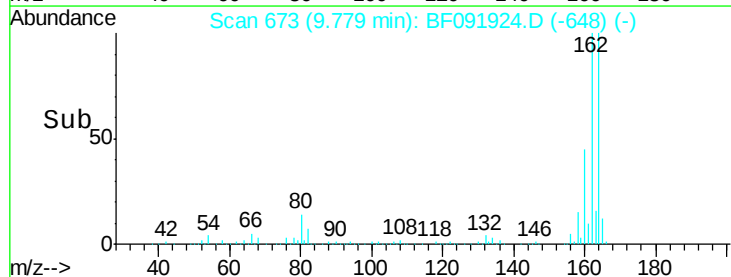
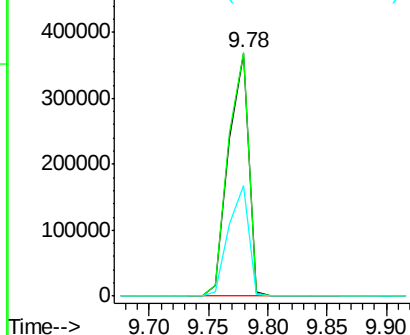


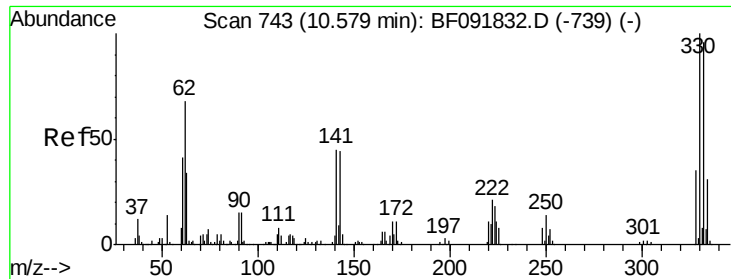
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Tgt Ion: 164 Resp: 434390
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 45.4 36.9 55.3



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

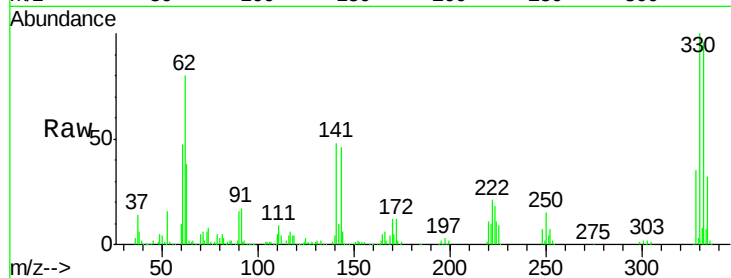




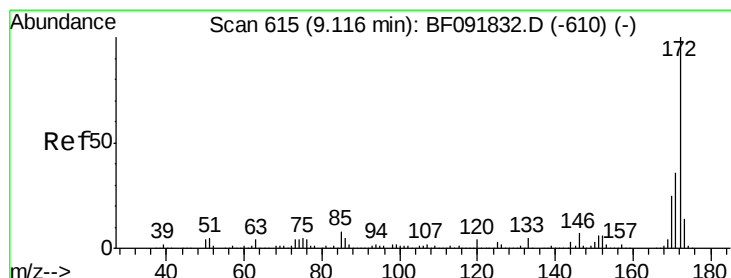
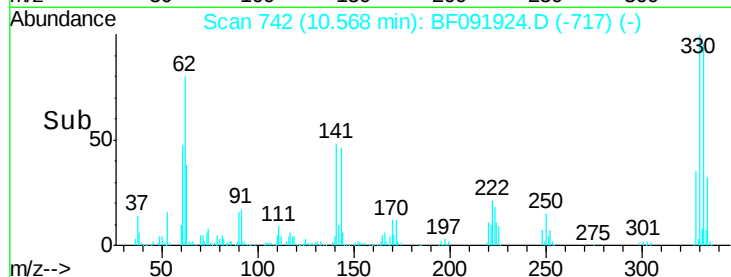
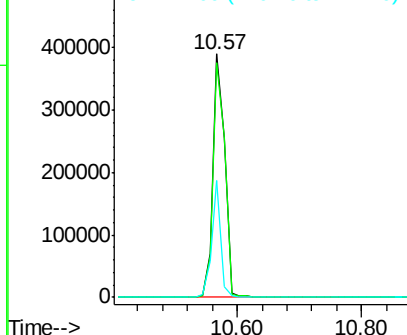
#41
 2,4,6-Tribromophenol
 Concen: 140.78 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tgt Ion:330 Resp: 506104
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 37.4 34.1 51.1

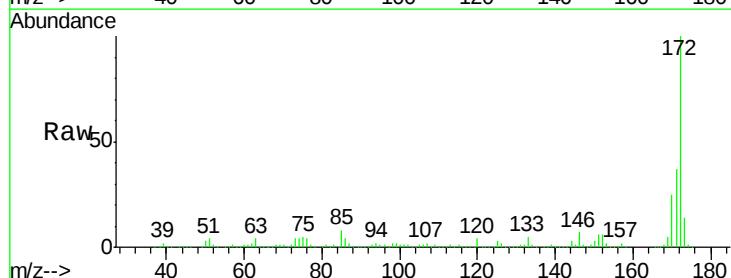


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

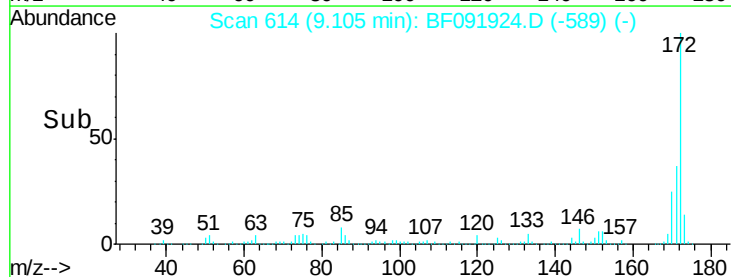
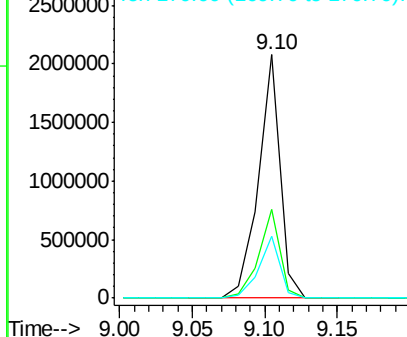


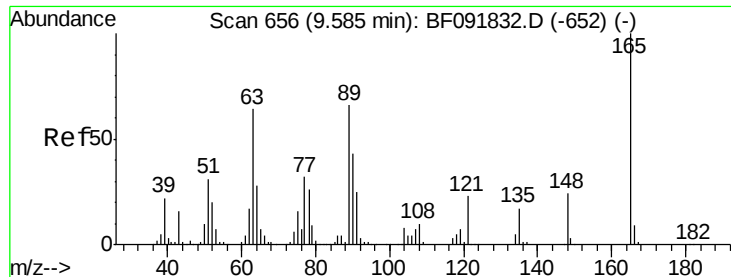
#44
 2-Fluorobiphenyl
 Concen: 104.55 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Tgt Ion:172 Resp: 2153665
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.2 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: 9.30 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.19 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

MW-11A

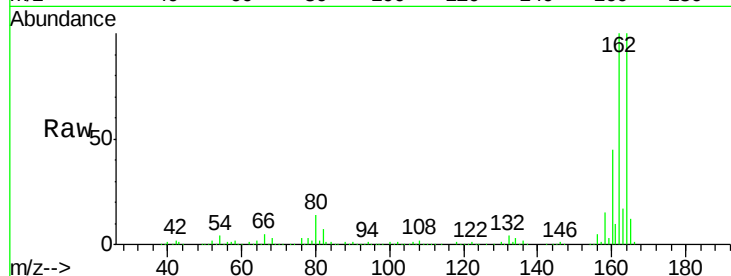
Tgt Ion:165 Resp: 56581

Ion Ratio Lower Upper

165 100

63 0.9 36.2 54.4#

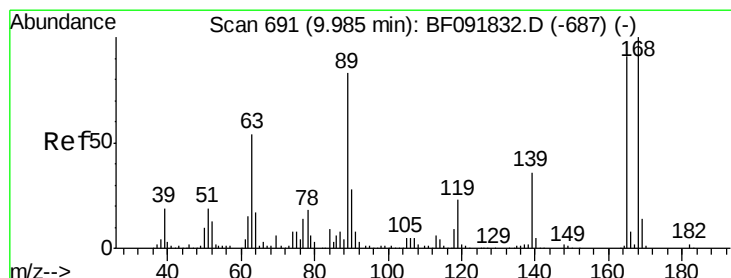
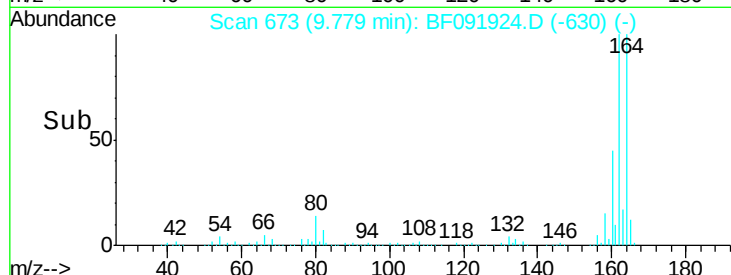
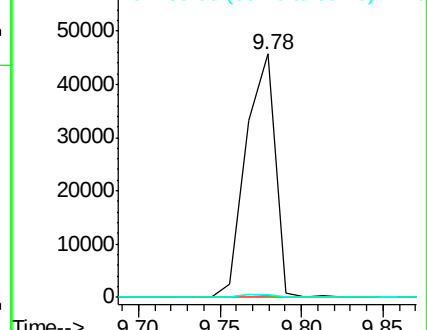
89 1.1 40.2 60.4#



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: 7.41 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Tgt Ion:165 Resp: 56584

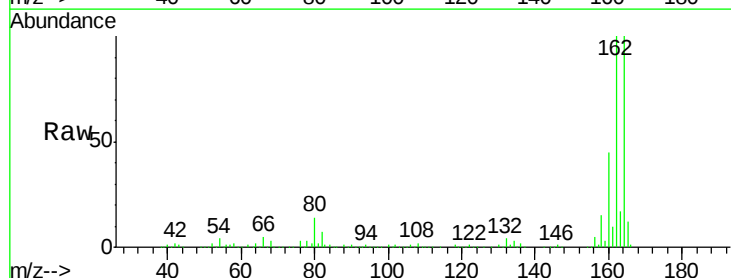
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

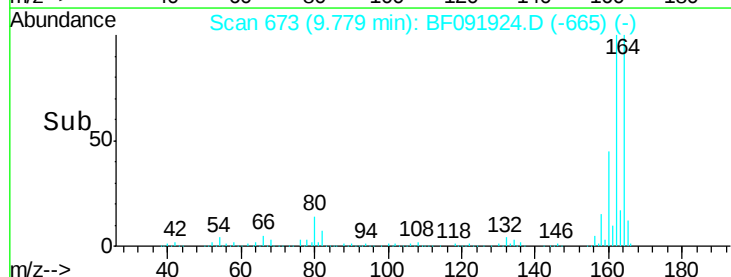
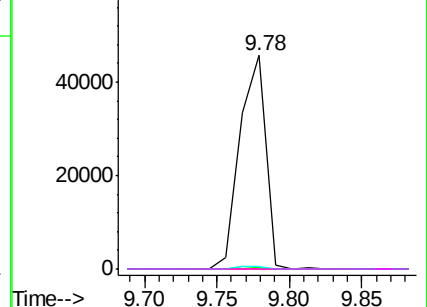


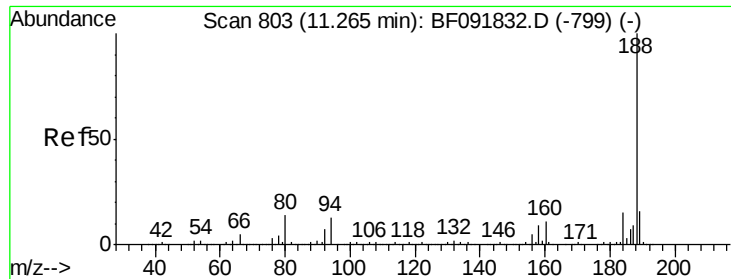
Abundance Ion 165.00 (164.70 to 165.70): E

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

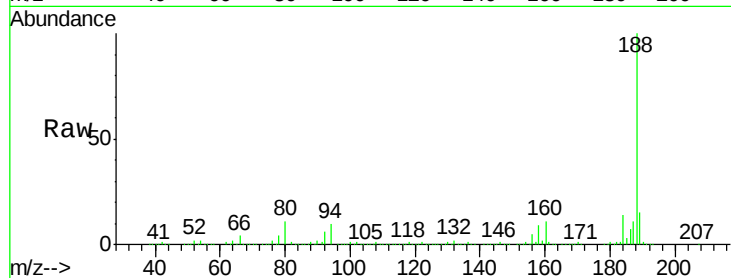




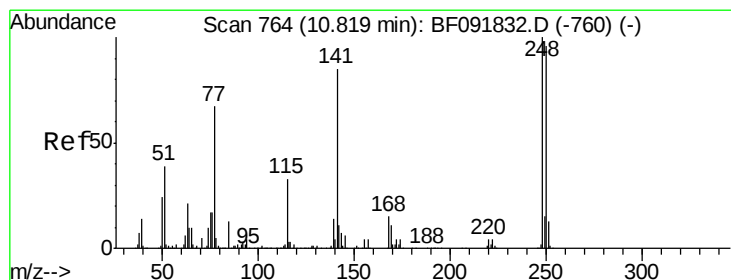
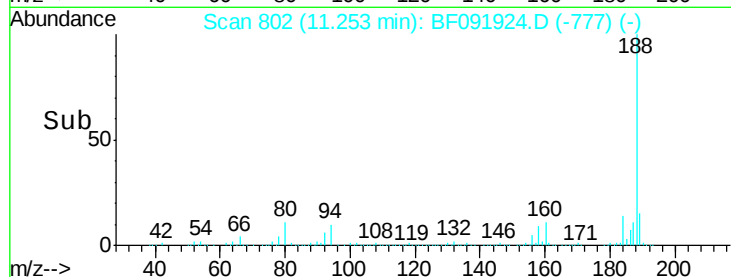
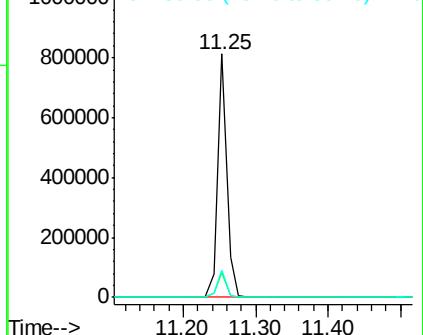
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tgt Ion:188 Resp: 717277
 Ion Ratio Lower Upper
 188 100
 94 10.4 10.0 15.0
 80 11.4 11.2 16.8

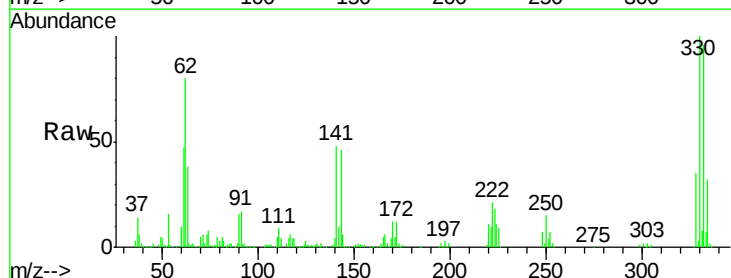


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

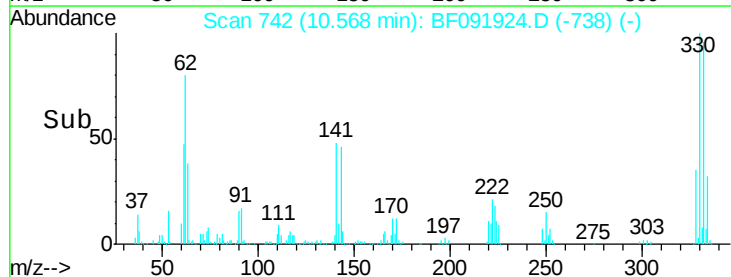
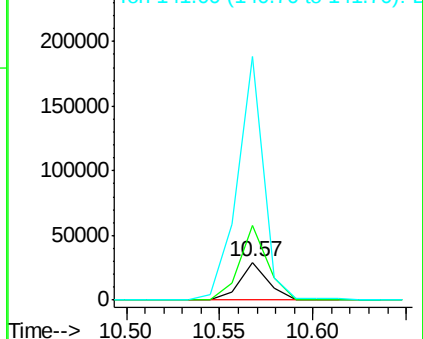


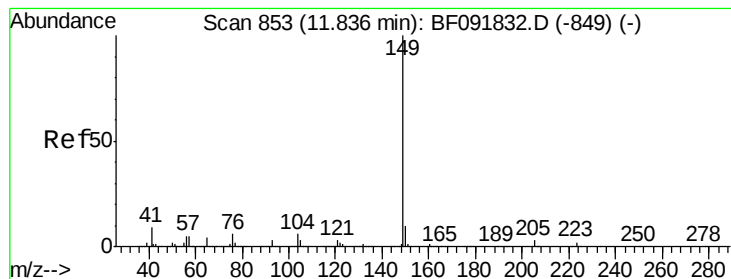
#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Tgt Ion:248 Resp: 30850
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 646.6 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

MW-11A

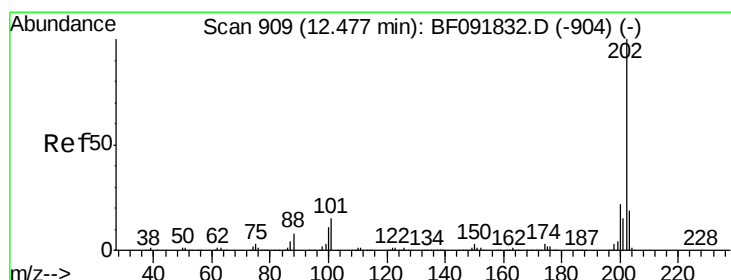
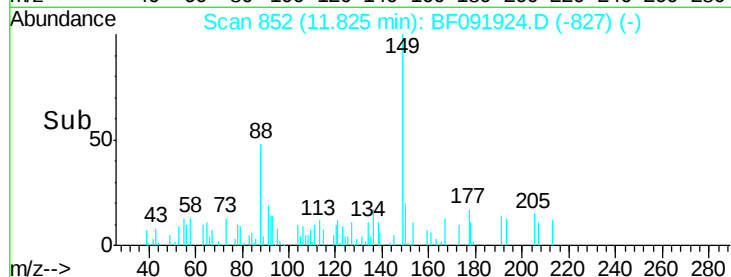
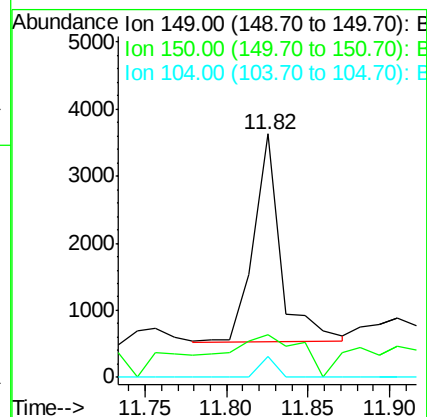
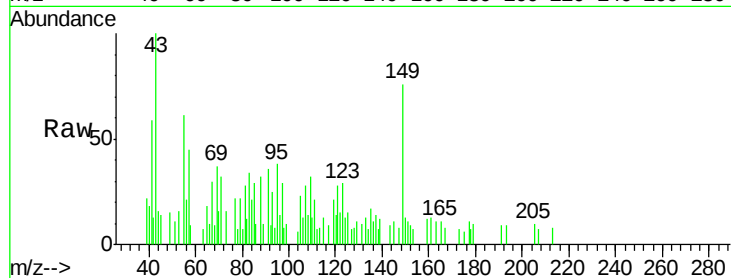
Tgt Ion:149 Resp: 3560

Ion Ratio Lower Upper

149 100

150 17.4 8.1 12.1#

104 8.4 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

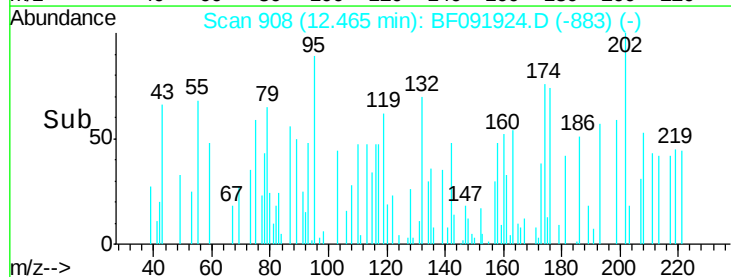
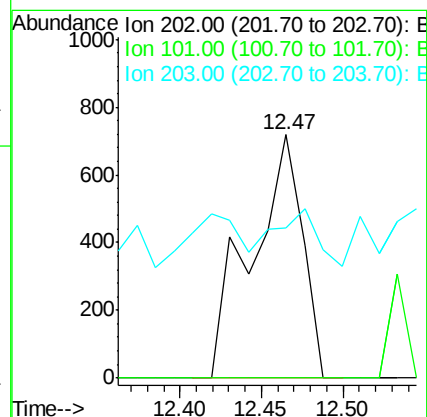
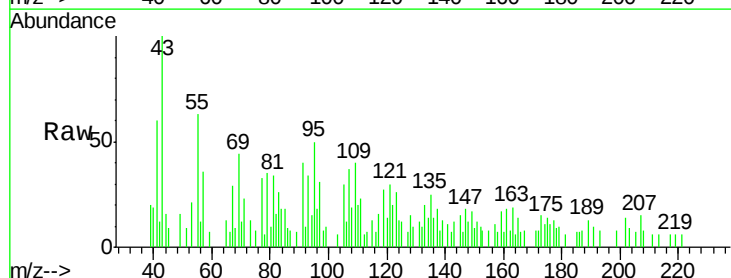
Tgt Ion:202 Resp: 1556

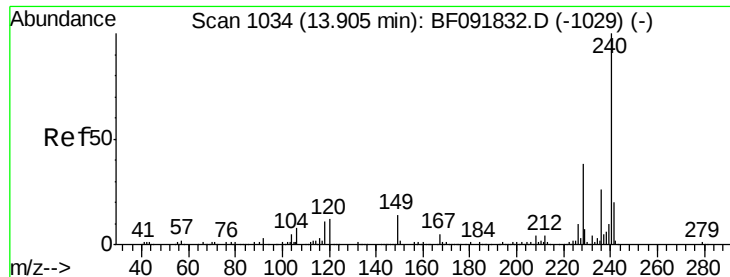
Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

203 61.5 0.0 38.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

MW-11A

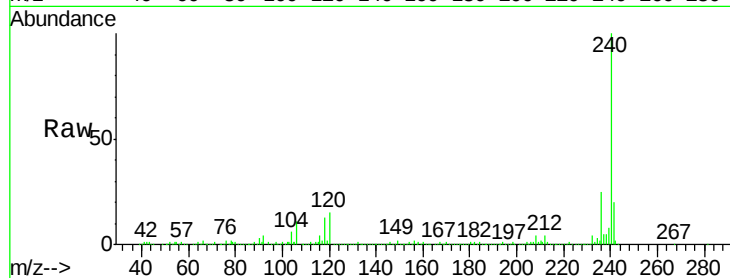
Tgt Ion:240 Resp: 544909

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

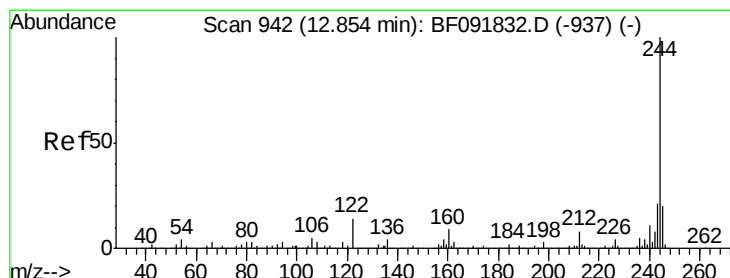
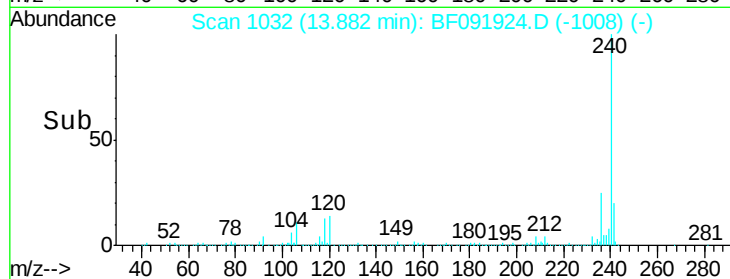
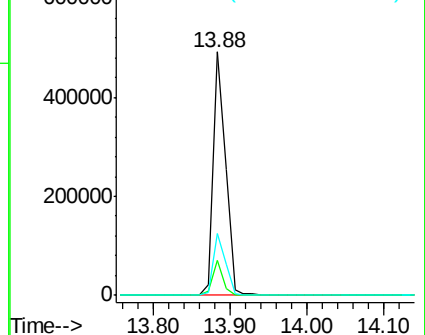
236 25.5 20.9 31.3



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: 83.91 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

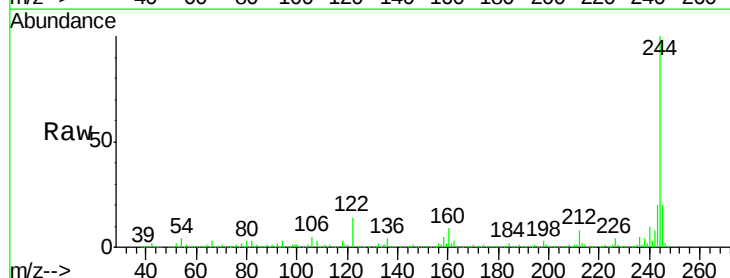
Tgt Ion:244 Resp: 1885242

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

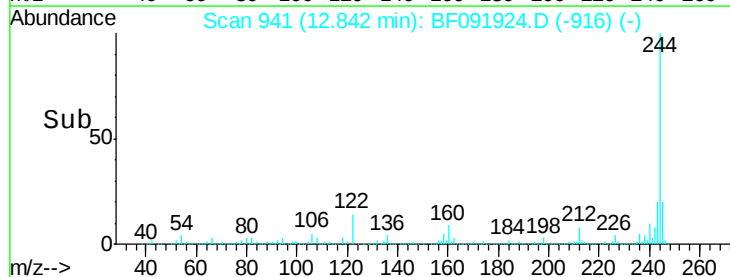
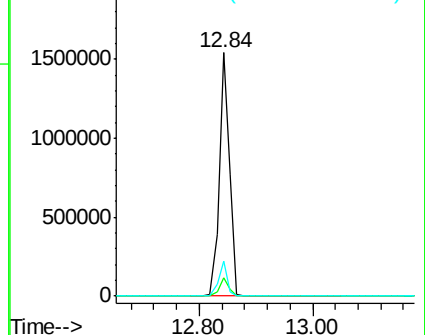
122 14.1 11.4 17.2

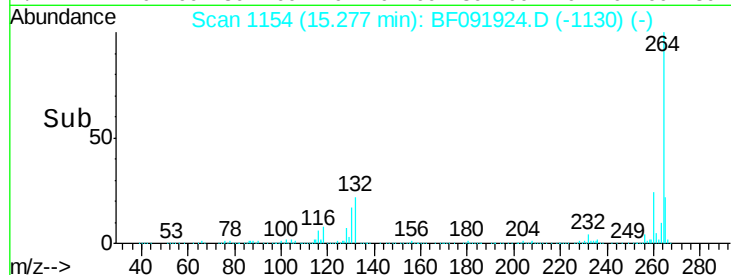
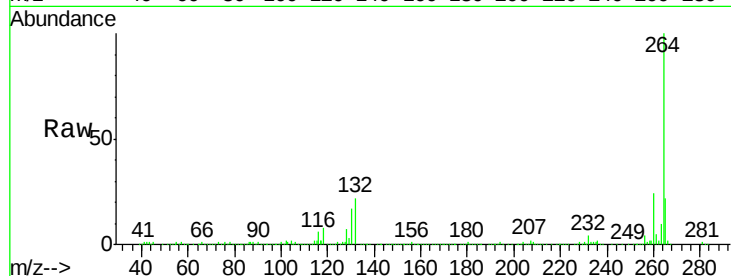
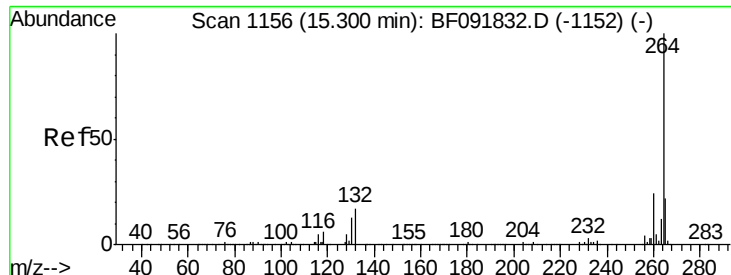


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
MW-11A

Tgt Ion:	264	Resp:	409259
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0

