

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092098.D
 Acq On : 5 Jan 2017 19:32
 Operator : UM/SJ
 Sample : I1004-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Jan 06 00:02:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

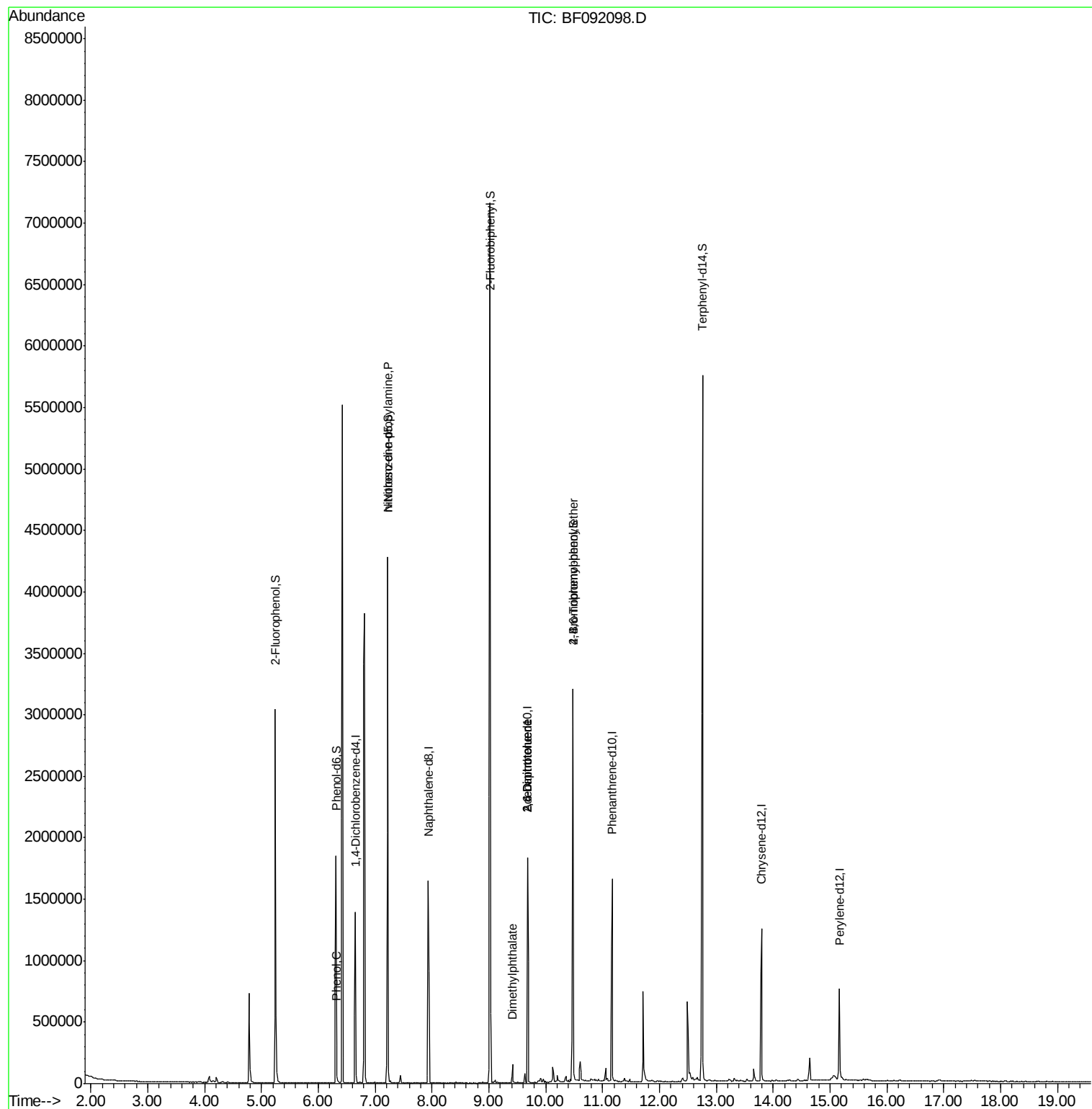
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	235068	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	918440	20.00	ng	-0.06
38) Acenaphthene-d10	9.68	164	478245	20.00	ng	-0.07
63) Phenanthrene-d10	11.17	188	772236	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	563132	20.00	ng	-0.07
86) Perylene-d12	15.17	264	430109	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	862725	61.28	ng	-0.07
7) Phenol-d6	6.31	99	720583	41.92	ng	-0.07
23) Nitrobenzene-d5	7.22	82	1617555	97.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	583931	147.54	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	2274821	99.69	ng	-0.06
78) Terphenyl-d14	12.76	244	2017886	86.91	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.31	77	1778	Below Cal	#	1
10) Phenol	6.32	94	77966	3.98	ng	# 61
19) n-Nitroso-di-n-propylamine	7.22	70	215378	18.84	ng	# 75
37) 2-Methylnaphthalene	8.65	142	218	Below Cal	#	55
49) Dimethylphthalate	9.42	163	69066	2.26	ng	99
50) 2,6-Dinitrotoluene	9.68	165	60407	9.02	ng	# 30
56) 2,4-Dinitrotoluene	9.68	165	60396	7.19	ng	# 19
66) 4-Bromophenyl-phenylether	10.48	248	36802	4.58	ng	# 1
71) Anthracene	11.19	178	1026	Below Cal	#	59
73) Di-n-butylphthalate	11.74	149	9187	Below Cal	#	97
74) Fluoranthene	12.60	202	257	Below Cal	#	61
76) Benzydine	12.52	184	1173	Below Cal	#	1

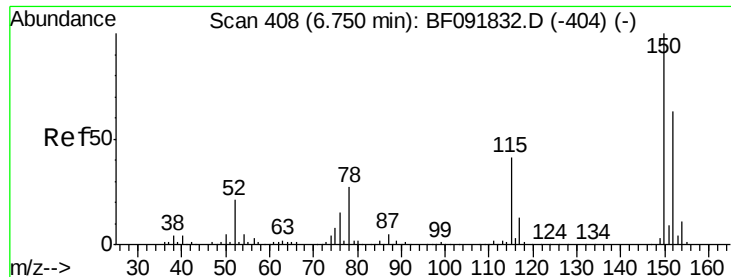
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

MW-23

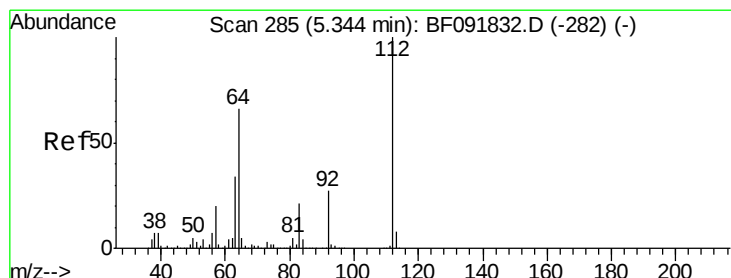
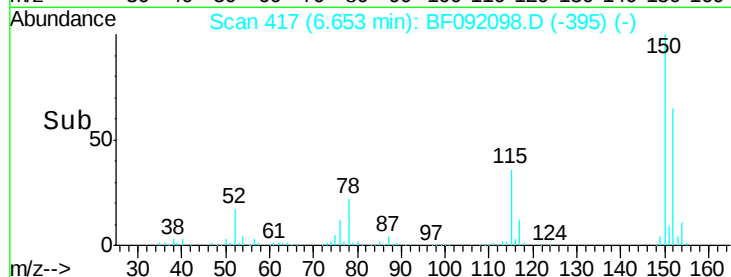
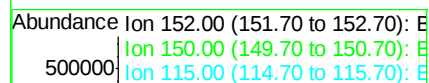
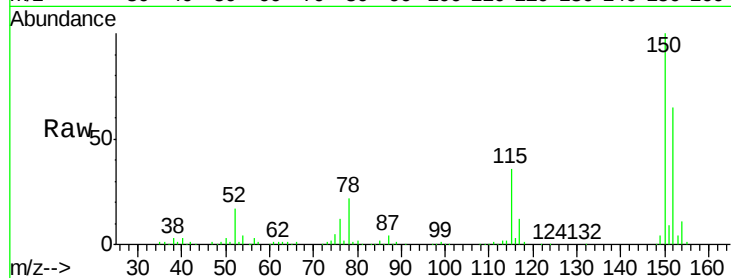
Tgt Ion:152 Resp: 235068

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

115 55.1 46.0 69.0



#5

2-Fluorophenol

Concen: 61.28 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.07 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

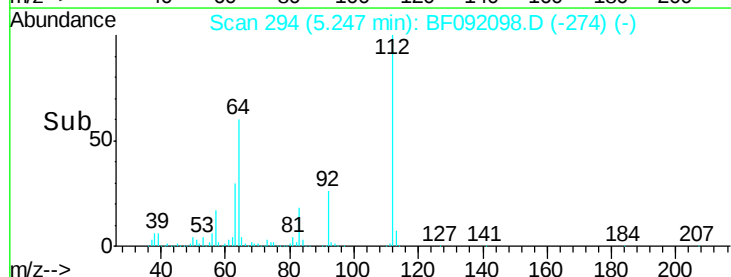
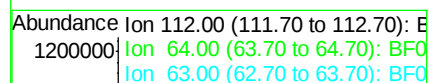
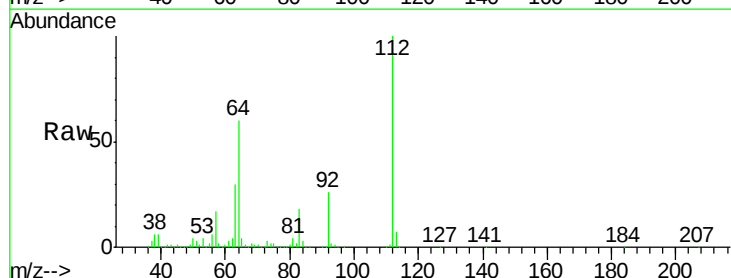
Tgt Ion:112 Resp: 862725

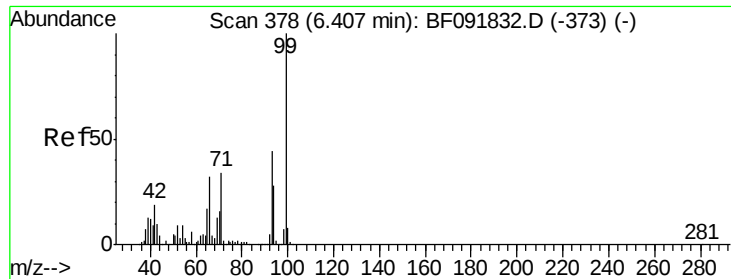
Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

63 30.1 23.8 35.6





#7

Phenol-d6

Concen: 41.92 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

MW-23

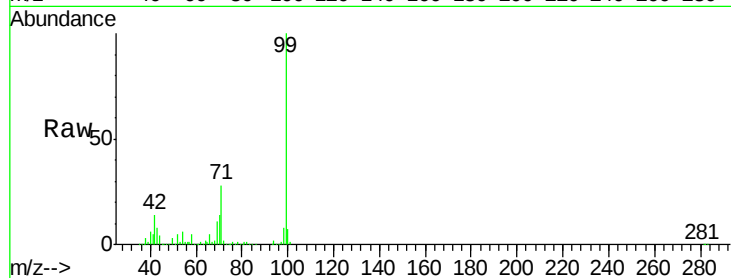
Tgt Ion: 99 Resp: 720583

Ion Ratio Lower Upper

99 100

42 14.2 15.6 23.4#

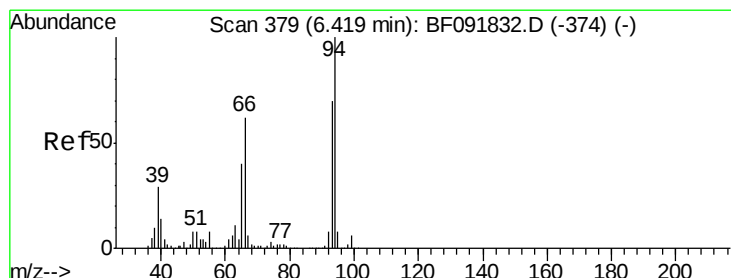
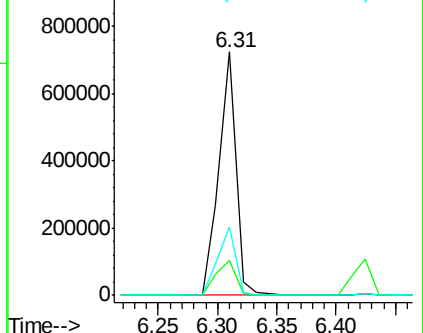
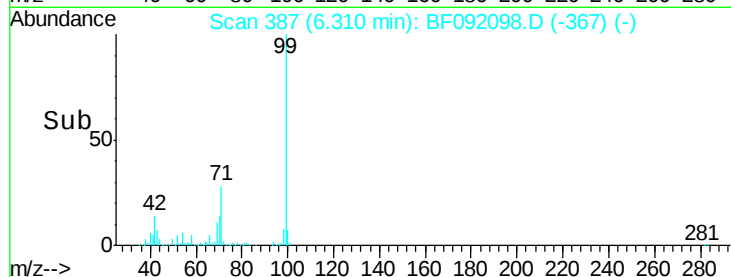
71 27.8 27.5 41.3



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: 3.98 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.07 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

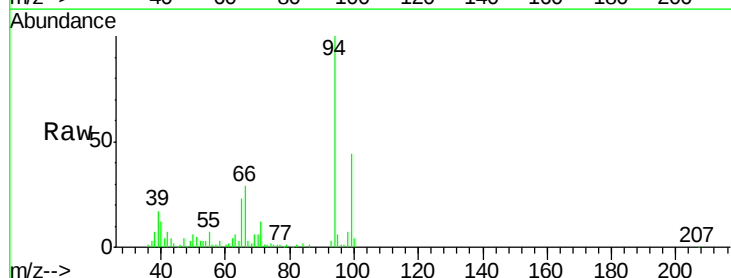
Tgt Ion: 94 Resp: 77966

Ion Ratio Lower Upper

94 100

65 22.8 21.4 61.4

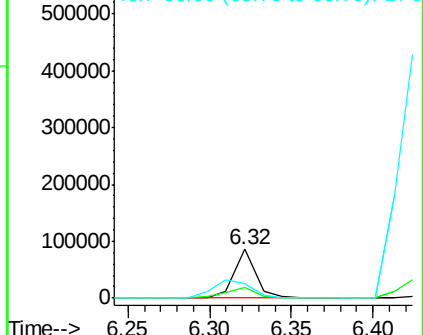
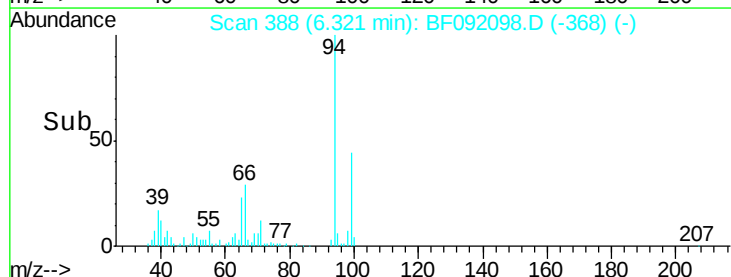
66 29.0 44.0 84.0#

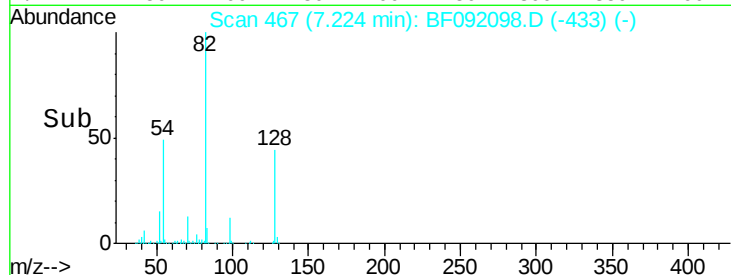
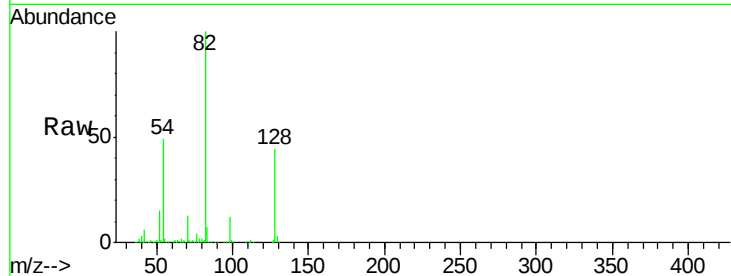
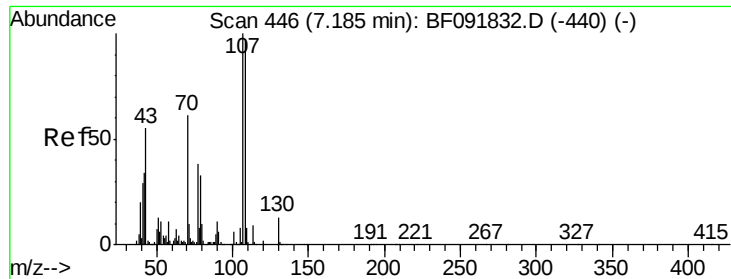


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

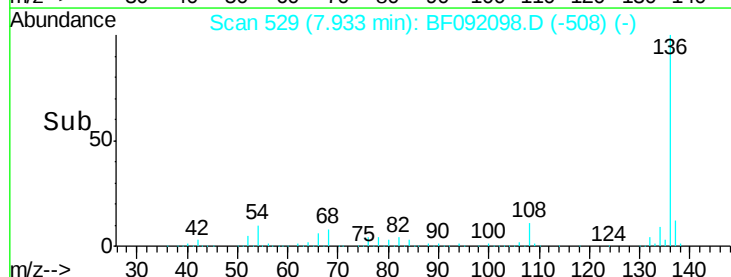
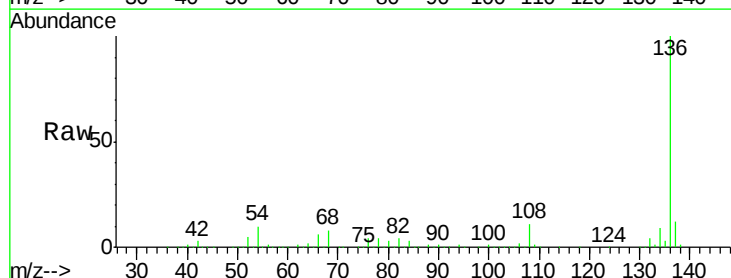
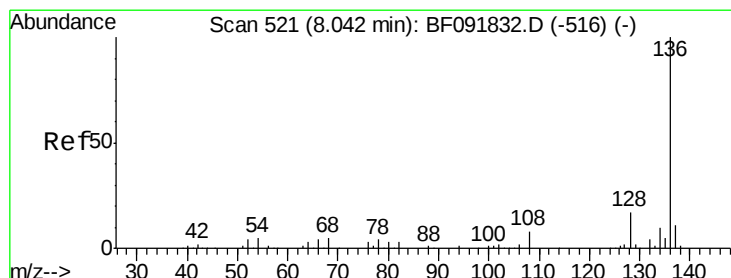
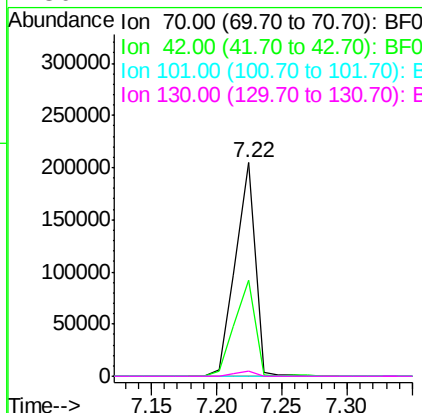




#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

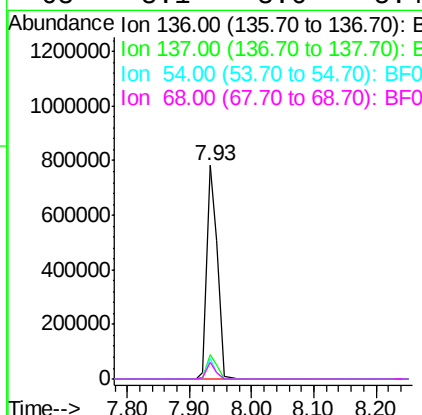
Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion: 70 Resp: 215378
Ion Ratio Lower Upper
70 100
42 45.1 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Tgt Ion: 136 Resp: 918440
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 9.9 4.5 6.7#
68 8.1 3.6 5.4#

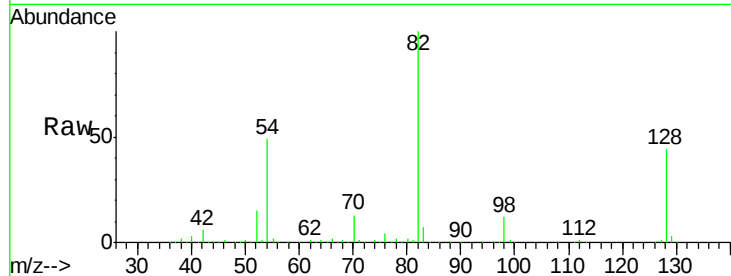




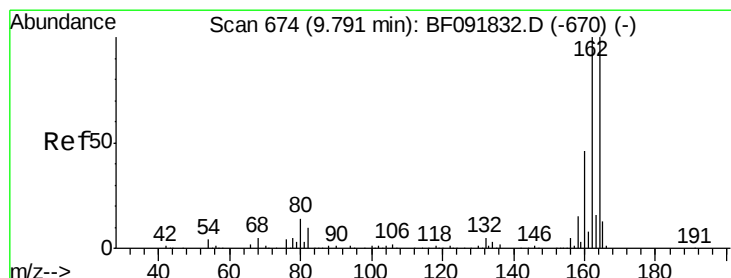
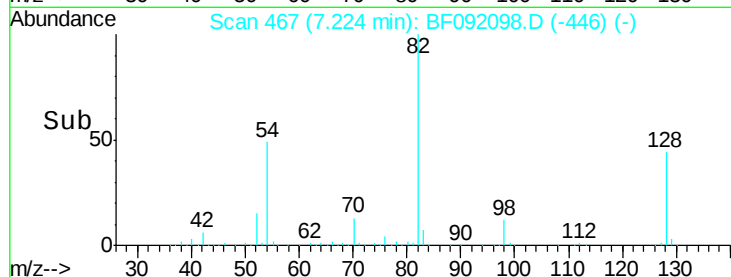
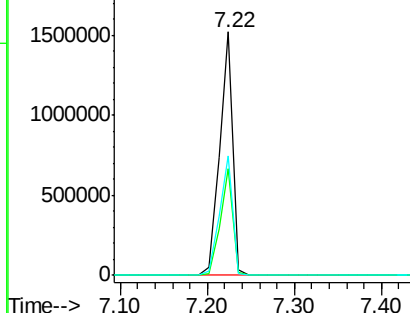
#23
 Nitrobenzene-d5
 Concen: 97.93 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Instrument :
 BNA_F
 ClientSampled :
 MW-23

Tgt Ion: 82 Resp: 1617555
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 48.9 39.5 59.3

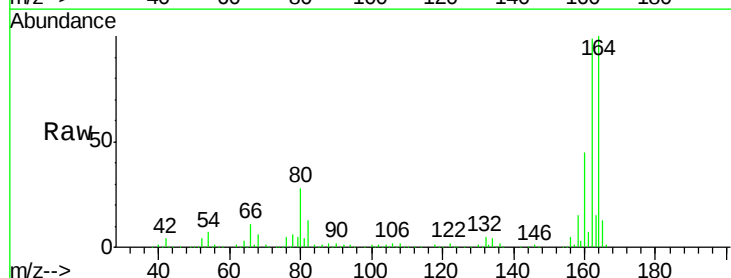


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

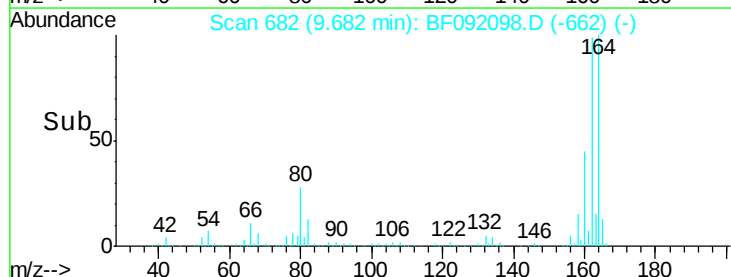
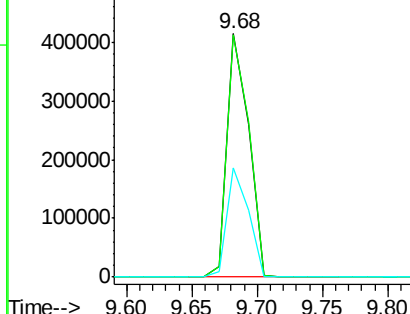


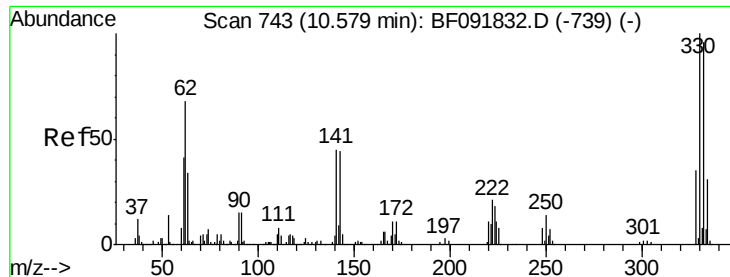
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Tgt Ion: 164 Resp: 478245
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.2 120.2
 160 44.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

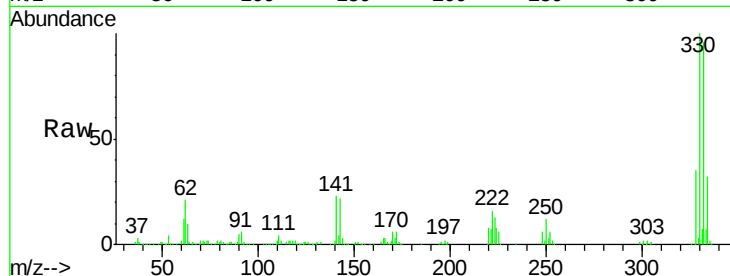




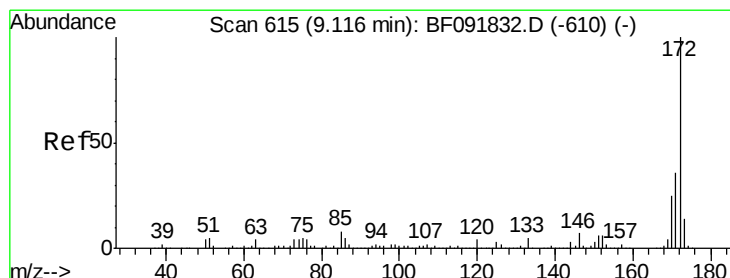
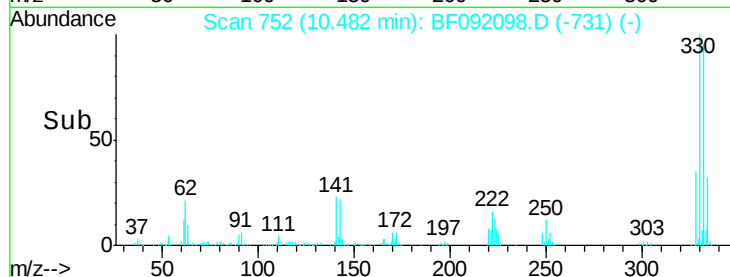
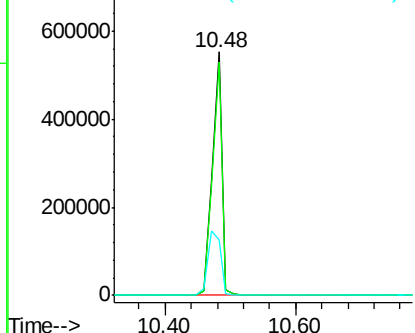
#41
 2,4,6-Tribromophenol
 Concen: 147.54 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Instrument :
 BNA_F
 ClientSampled :
 MW-23

Tgt Ion:330 Resp: 583931
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 34.7 34.1 51.1

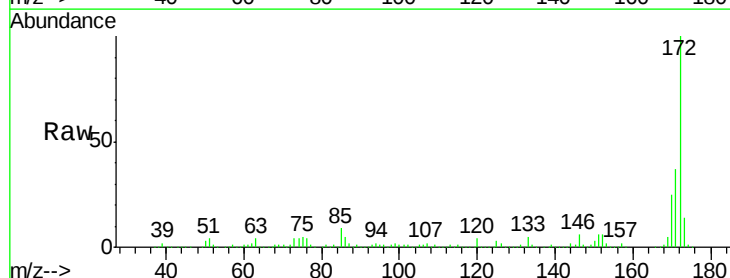


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

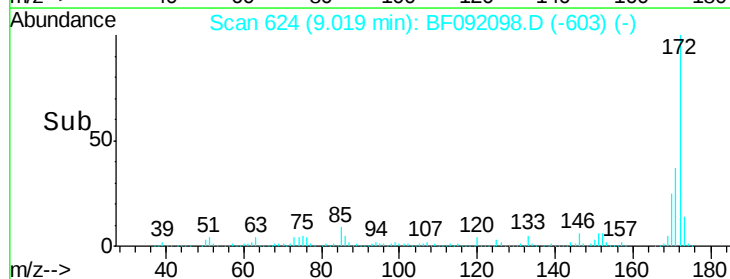
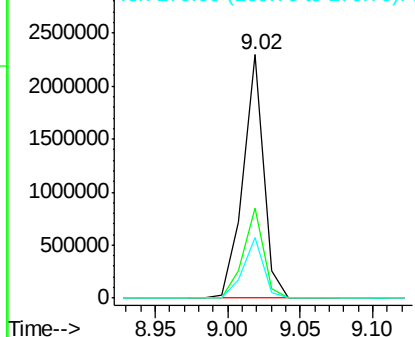


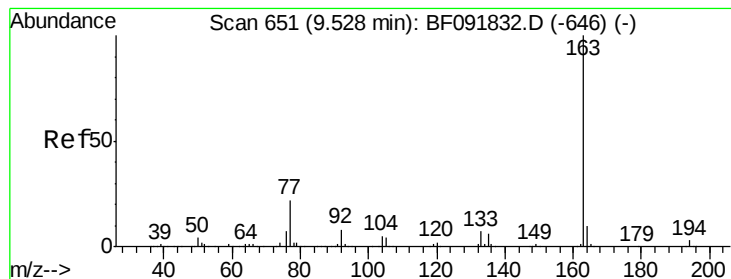
#44
 2-Fluorobiphenyl
 Concen: 99.69 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Tgt Ion:172 Resp: 2274821
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.1 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





#49

Dimethylphthalate

Concen: 2.26 ng

RT: 9.42 min Scan# 659

Delta R.T. -0.07 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

MW-23

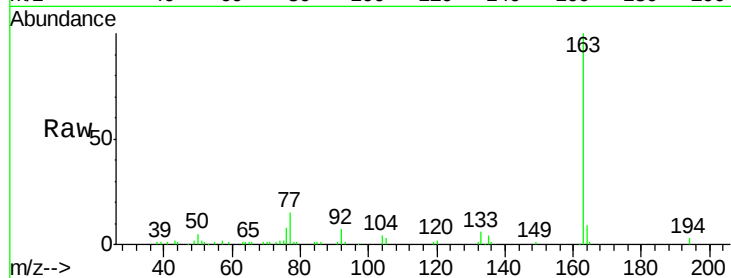
Tgt Ion:163 Resp: 69066

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

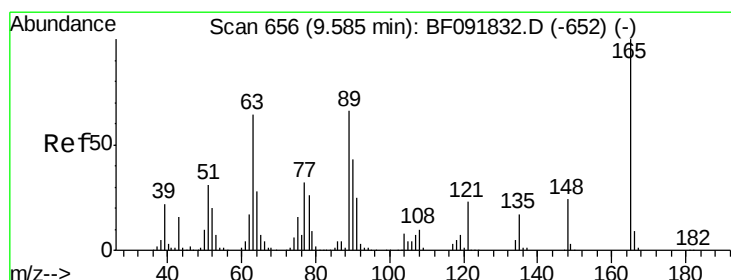
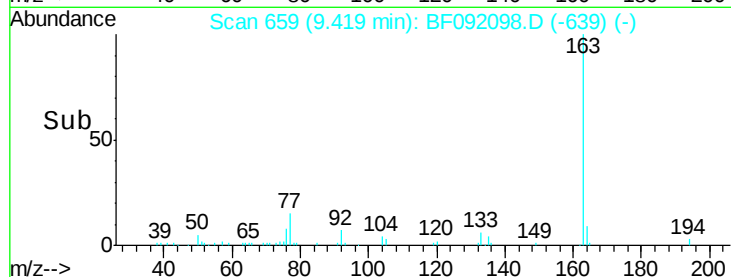
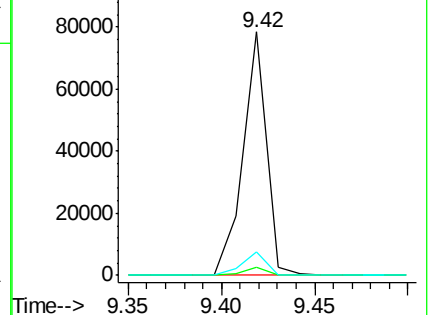
164 9.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.02 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.13 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

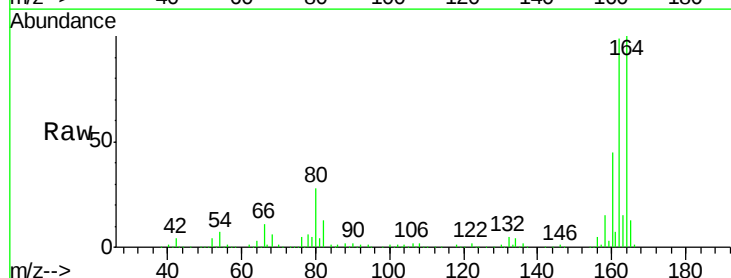
Tgt Ion:165 Resp: 60407

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

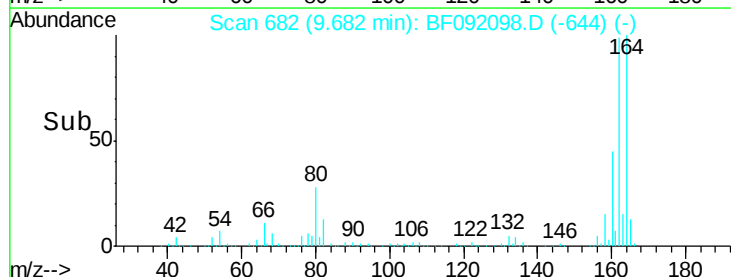
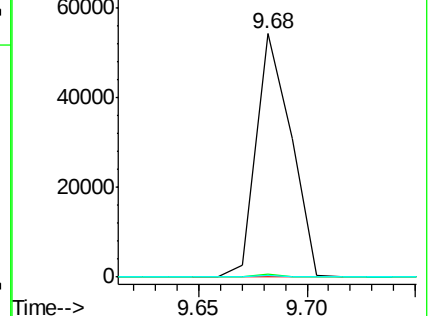
89 0.9 40.2 60.4#



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

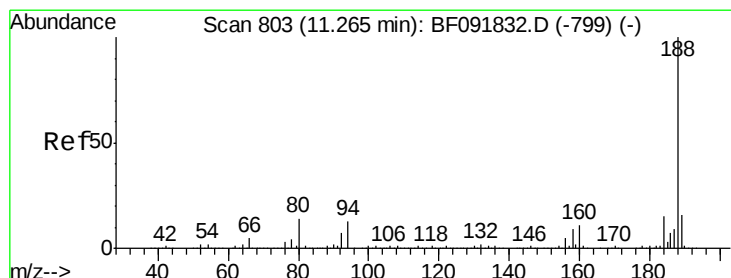
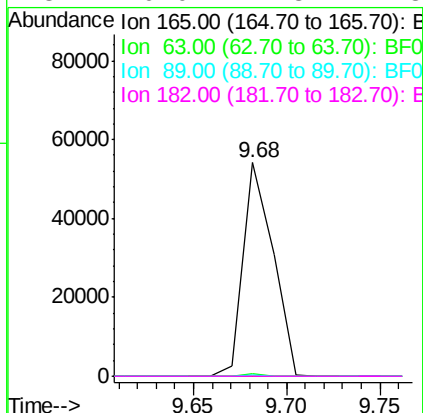
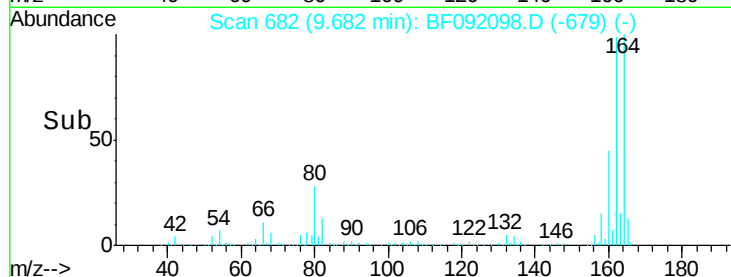
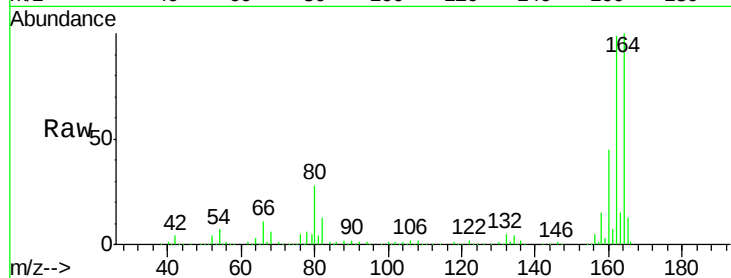




#56
 2,4-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.27 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

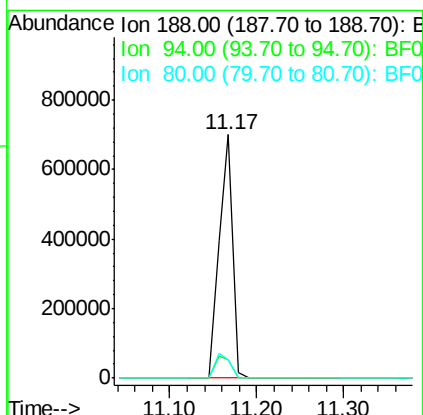
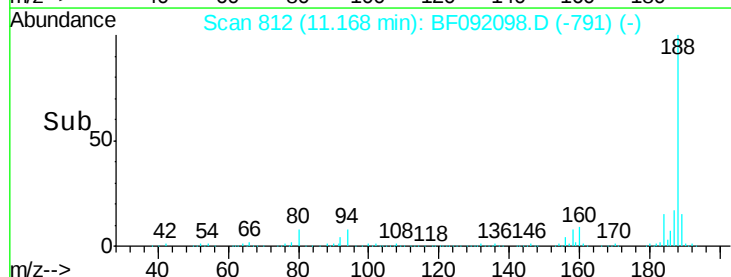
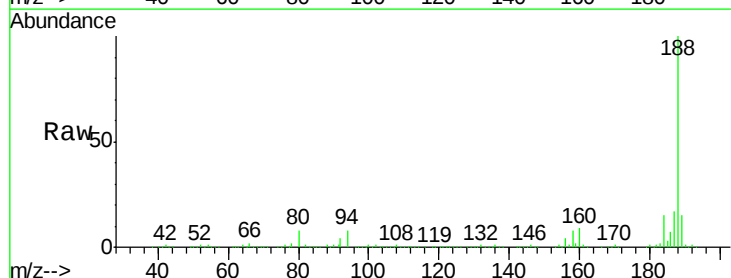
Instrument :
 BNA_F
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 MW-23

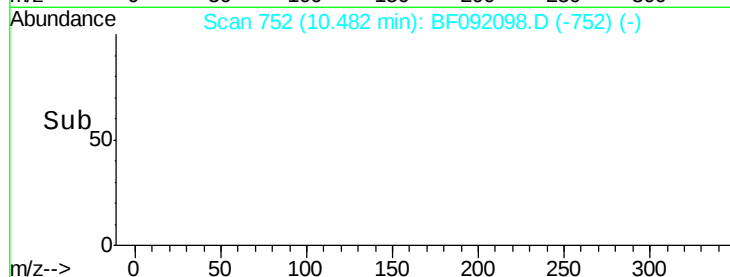
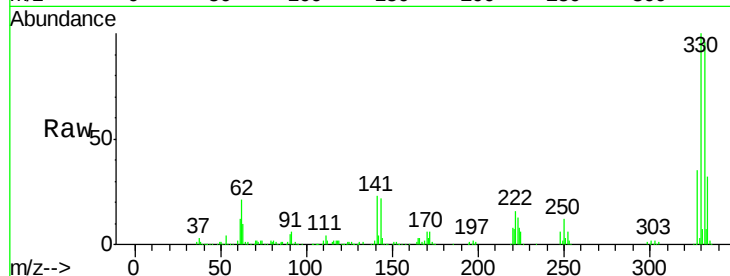
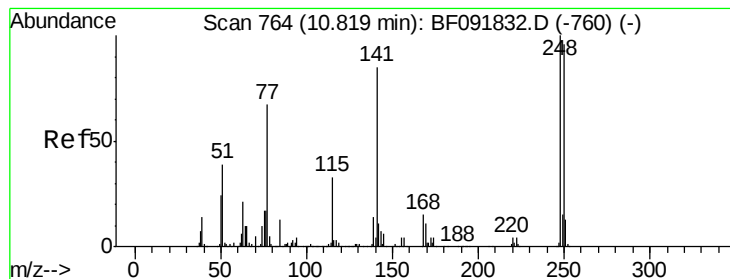
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	7.6	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 4.58 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

MW-23

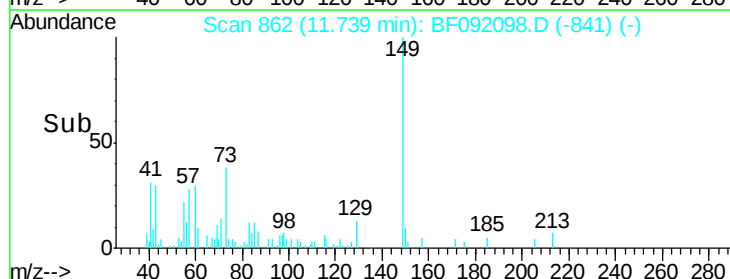
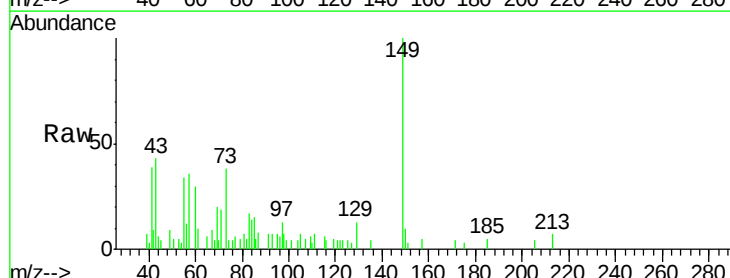
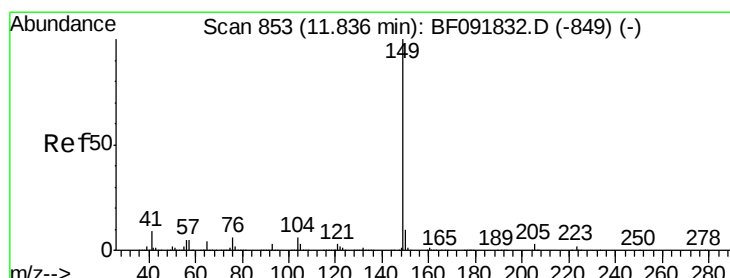
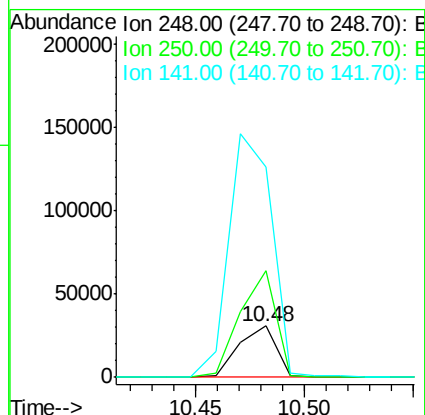
Tgt Ion:248 Resp: 36802

Ion Ratio Lower Upper

248 100

250 208.5 76.9 115.3#

141 411.4 68.2 102.4#



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.74 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

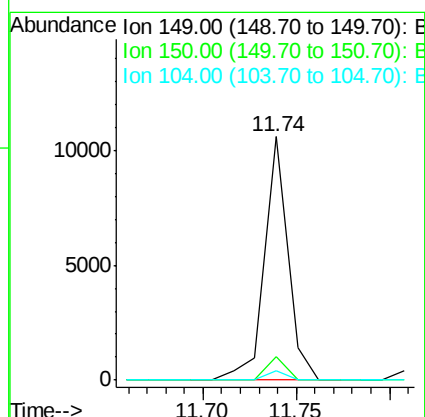
Tgt Ion:149 Resp: 9187

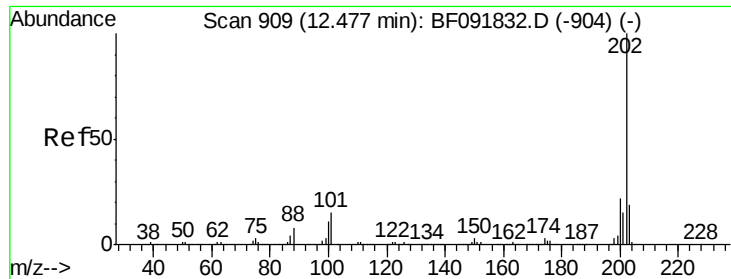
Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 3.6 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.60 min Scan# 937

Delta R.T. 0.15 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

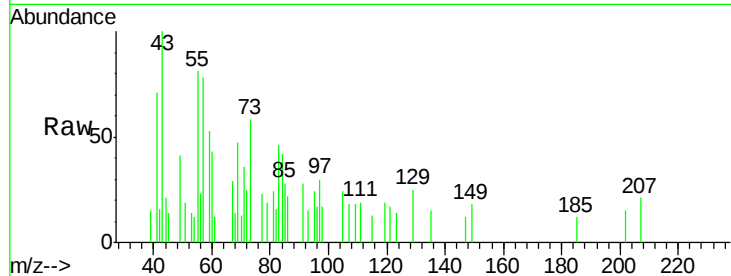
Instrument :

BNA_F

ClientSampled :

MW-23

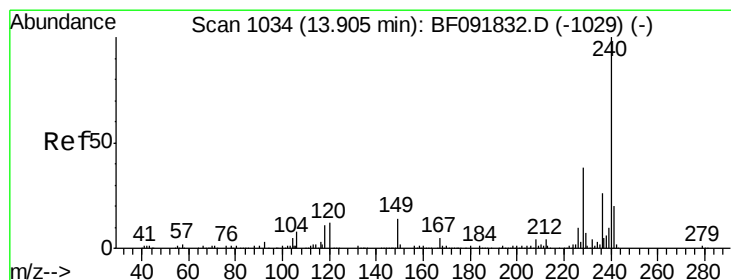
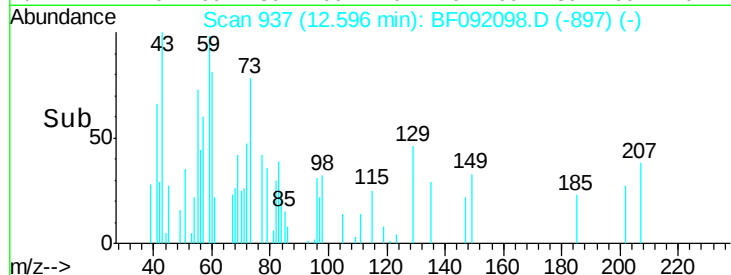
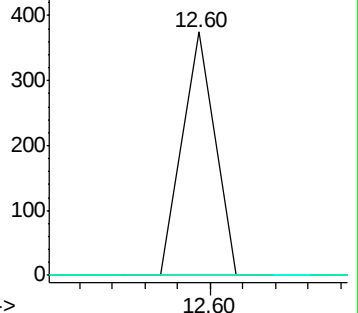
Tgt Ion:	202	Resp:	257
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

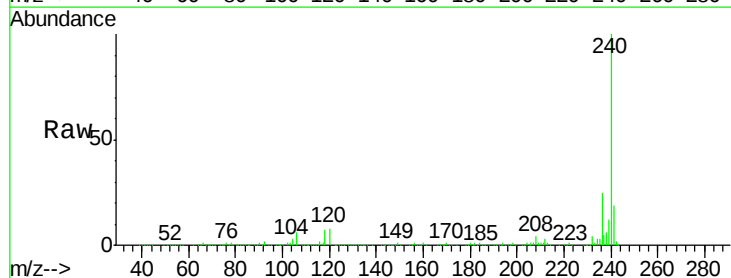
RT: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

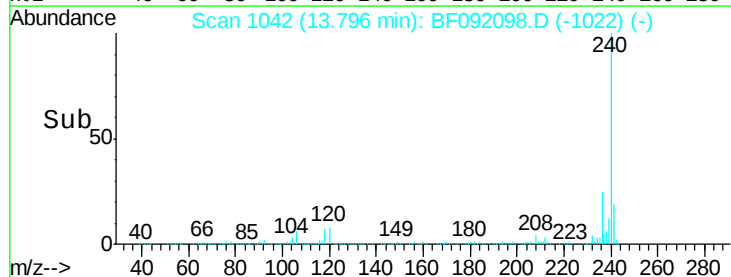
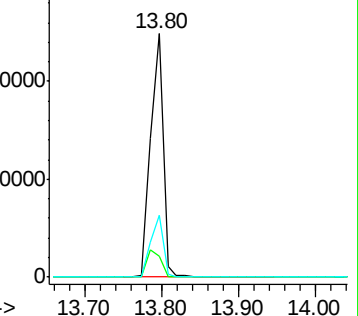
Tgt Ion:	240	Resp:	563132
Ion	Ratio	Lower	Upper
240	100		
120	8.4	12.9	19.3#
236	25.5	20.9	31.3

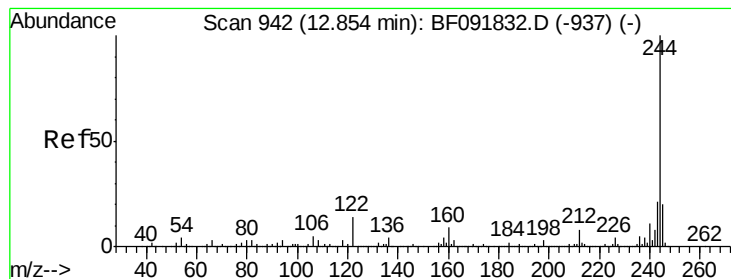


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.91 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

MW-23

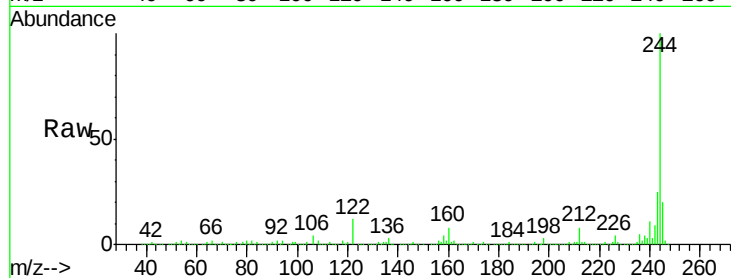
Tgt Ion:244 Resp: 2017886

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

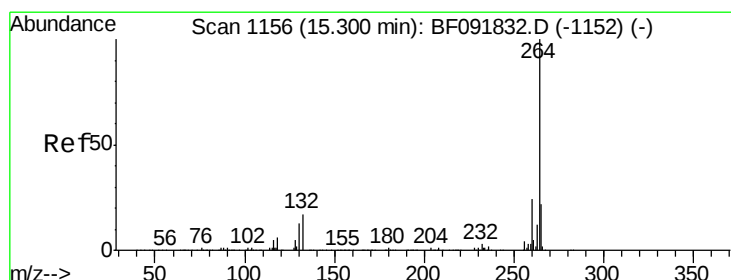
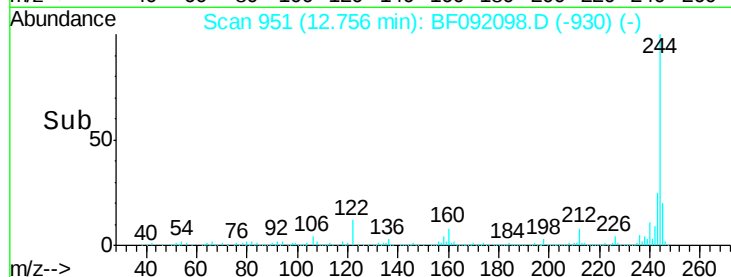
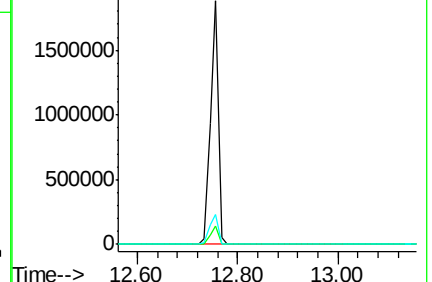
122 12.2 11.4 17.2



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: 15.17 min Scan# 1162

Delta R.T. -0.09 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

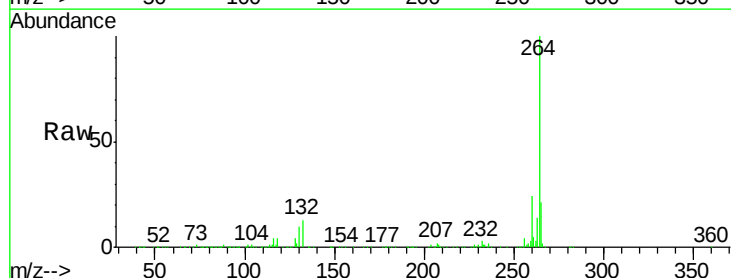
Tgt Ion:264 Resp: 430109

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

