

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081701.D
 Acq On : 18 Sep 2015 17:27
 Operator : UM/IZ
 Sample : G3704-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-9-15-15

Quant Time: Sep 18 23:00:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

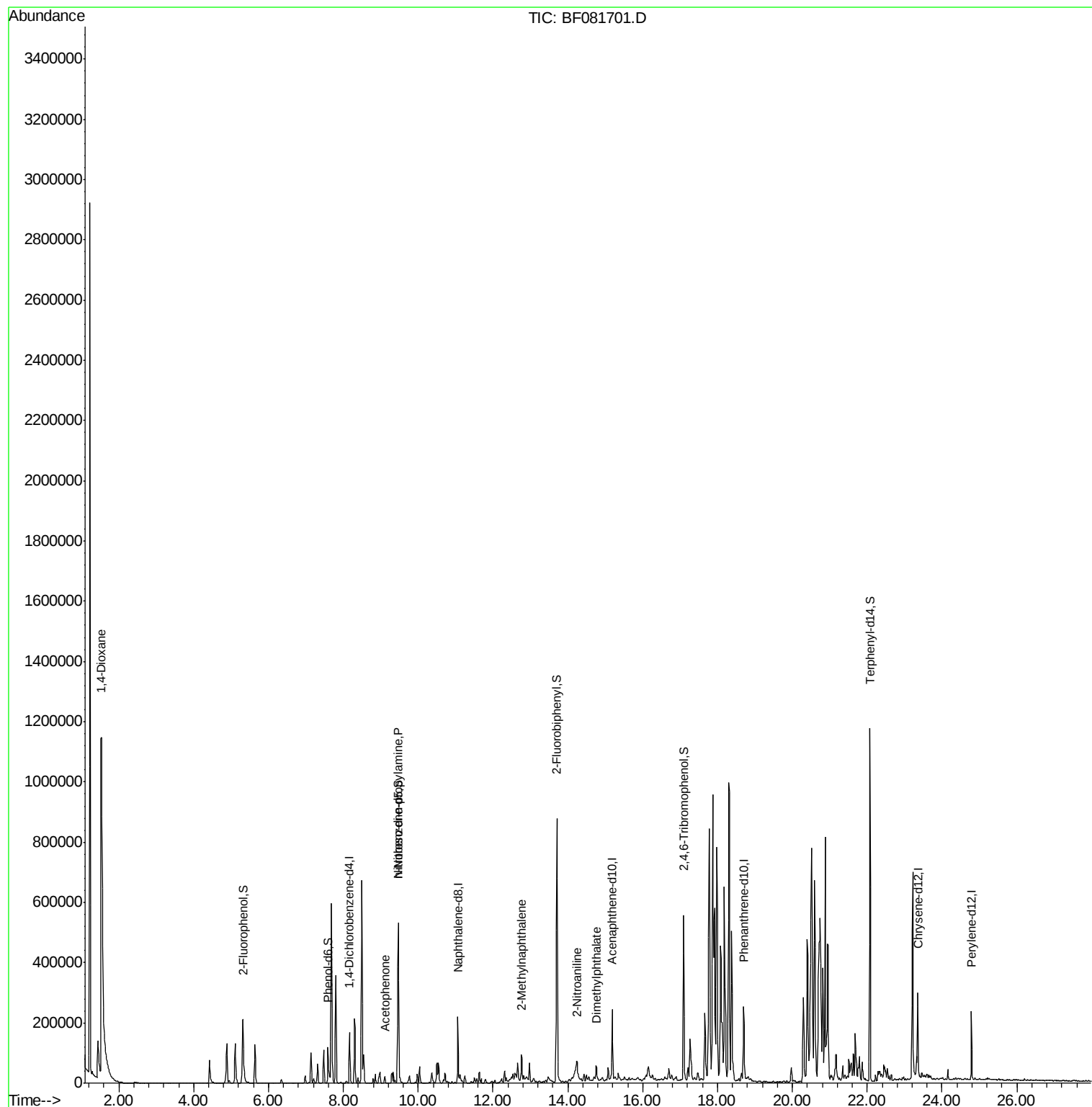
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41691	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	162597	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	85644	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	158827	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	137658	20.00	ng	-0.03
86) Perylene-d12	24.78	264	93654	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	126408	47.04	ng	-0.03
7) Phenol-d6	7.59	99	103223	29.02	ng	-0.06
23) Nitrobenzene-d5	9.46	82	303346	90.01	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	93724	122.90	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	534691	80.01	ng	-0.07
78) Terphenyl-d14	22.07	244	509014	86.08	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	77996	64.63	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	38978	16.10	ng	# 71
22) Acetophenone	9.11	105	19840	4.47	ng	# 49
37) 2-Methylnaphthalene	12.76	142	41367	7.33	ng	# 89
47) 2-Nitroaniline	14.24	65	5753	2.48	ng	# 7
49) Dimethylphthalate	14.77	163	31129	4.68	ng	# 97

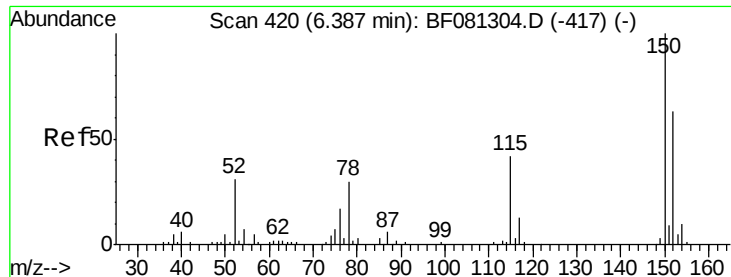
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

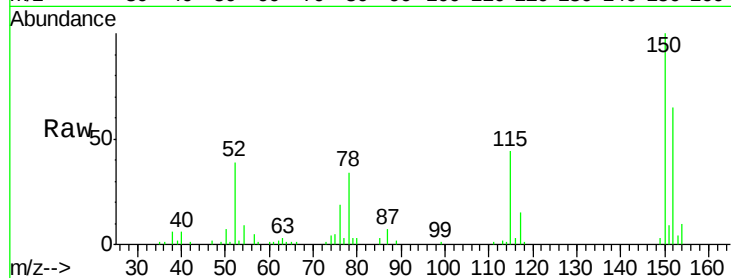
Tgt Ion:152 Resp: 41691

Ion Ratio Lower Upper

152 100

150 153.3 124.7 187.1

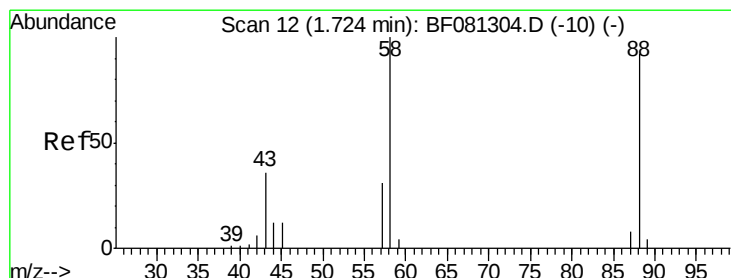
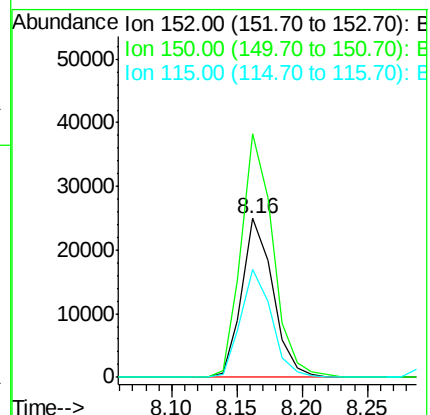
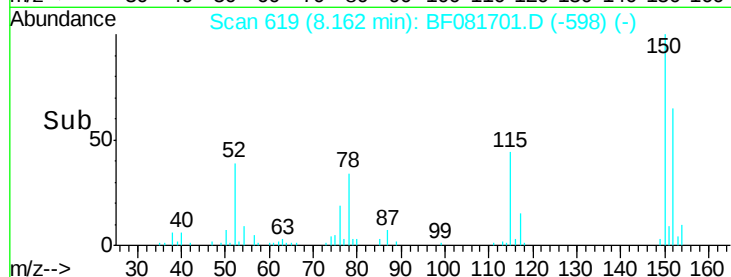
115 68.1 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 64.63 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

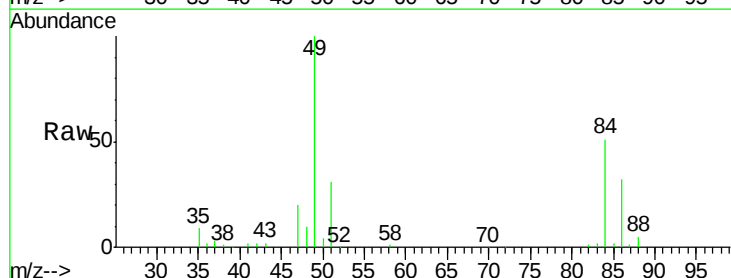
Tgt Ion: 88 Resp: 77996

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

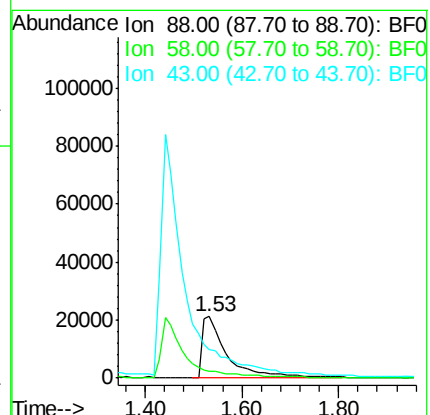
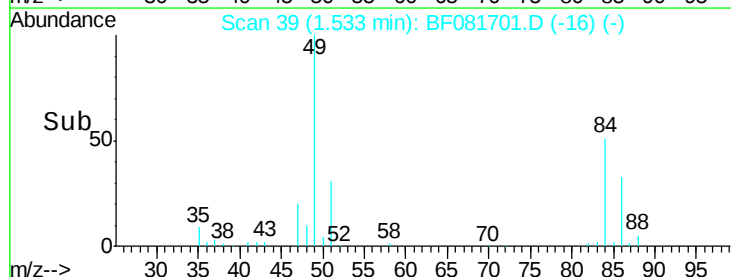
43 0.0 26.6 40.0#

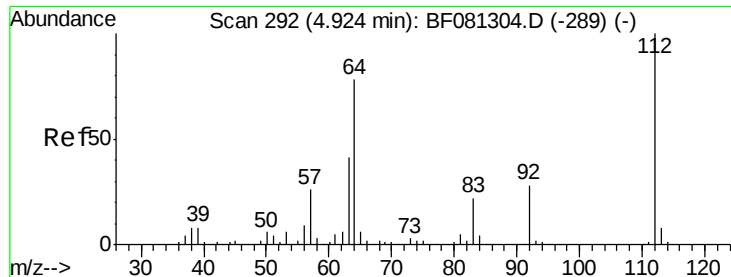


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 47.04 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

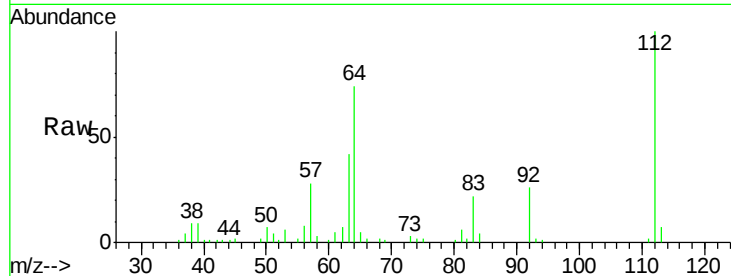
Tgt Ion: 112 Resp: 126408

Ion Ratio Lower Upper

112 100

64 74.5 39.7 59.5#

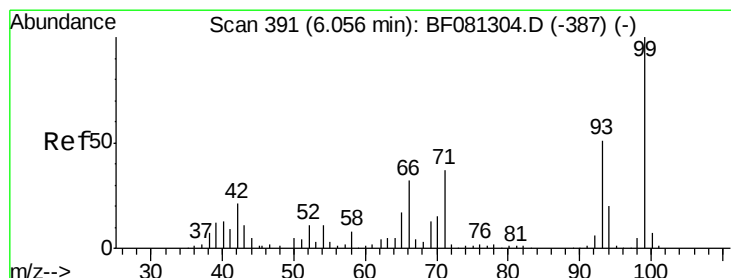
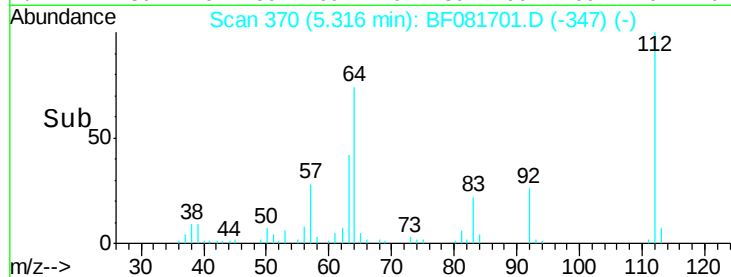
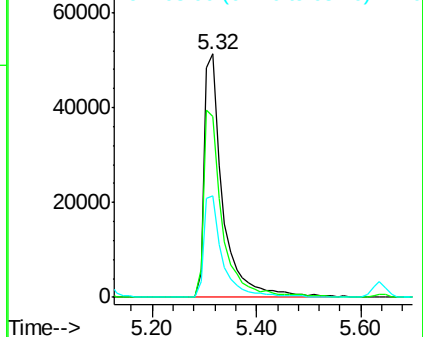
63 42.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 29.02 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

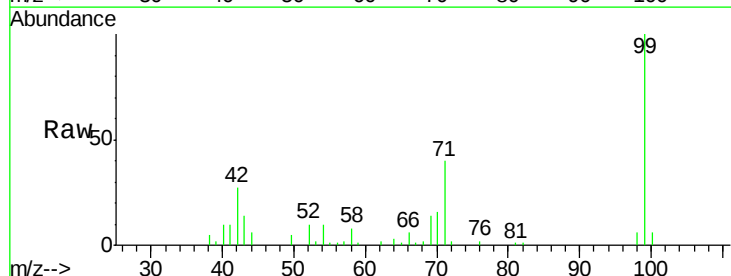
Tgt Ion: 99 Resp: 103223

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

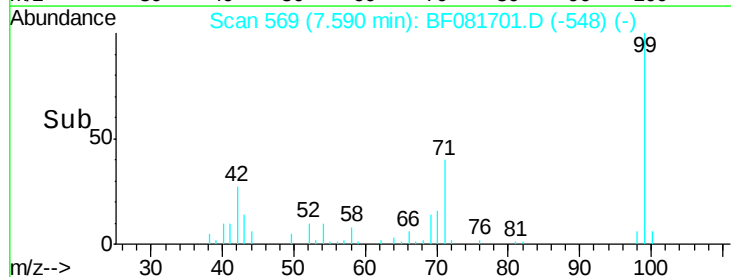
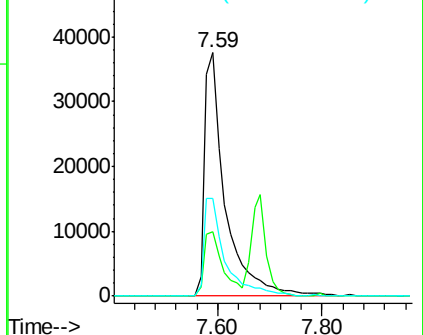
71 40.1 14.2 21.2#

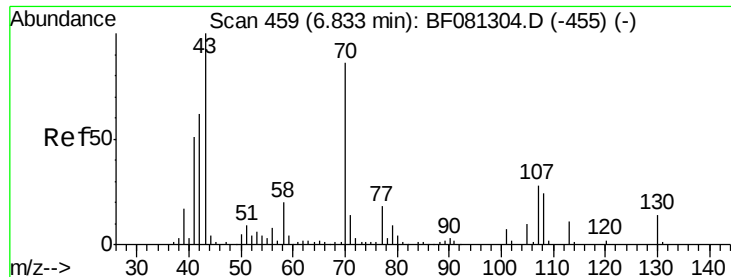


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

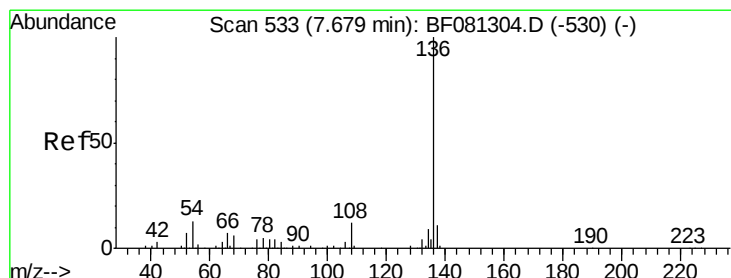
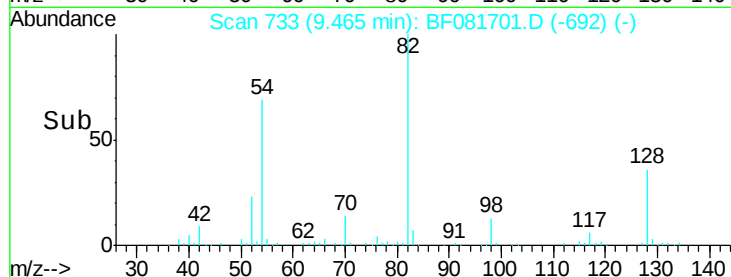
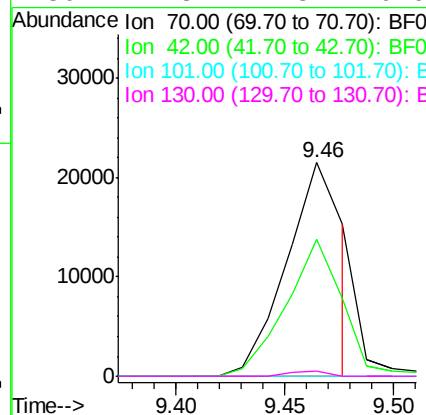
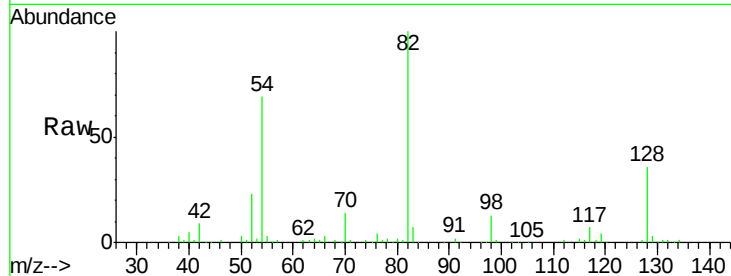




#19
n-Nitroso-di-n-propylamine
Concen: 16.10 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081701.D
Acq: 18 Sep 2015 17:27

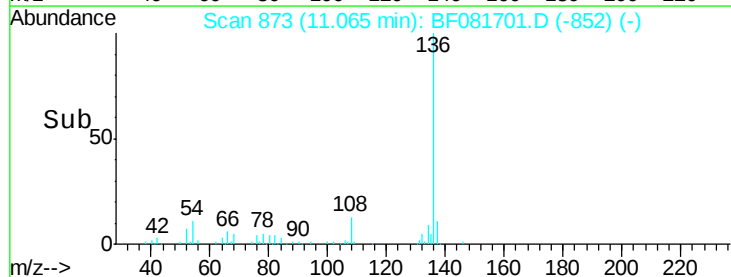
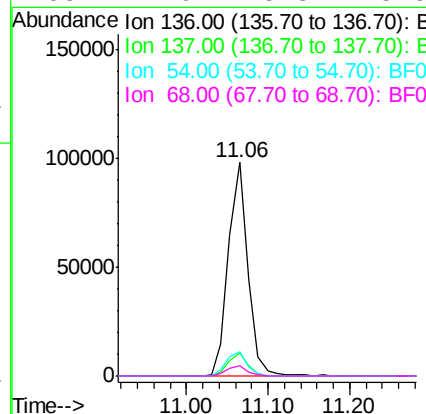
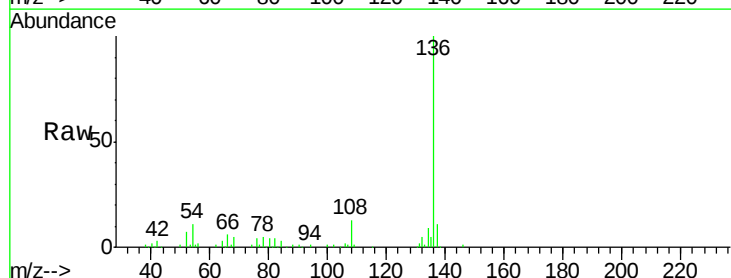
Instrument :
BNA_F
ClientSampleId :
MW-6-9-15-15

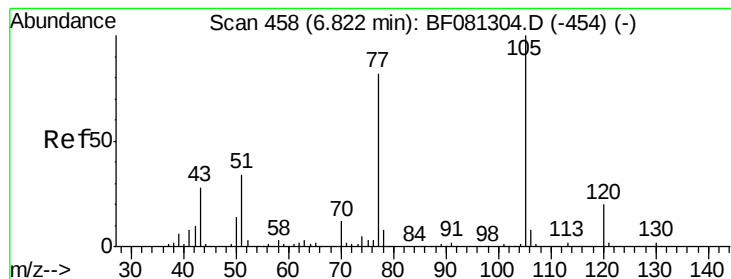
Tgt Ion: 70 Resp: 38978
Ion Ratio Lower Upper
70 100
42 64.2 63.8 95.6
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF081701.D
Acq: 18 Sep 2015 17:27

Tgt Ion: 136 Resp: 162597
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 11.4 8.2 12.2
68 4.9 5.8 8.6#





#22

Acetophenone

Concen: 4.47 ng

RT: 9.11 min Scan# 702

Delta R.T. -0.10 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

Tgt Ion:105 Resp: 19840

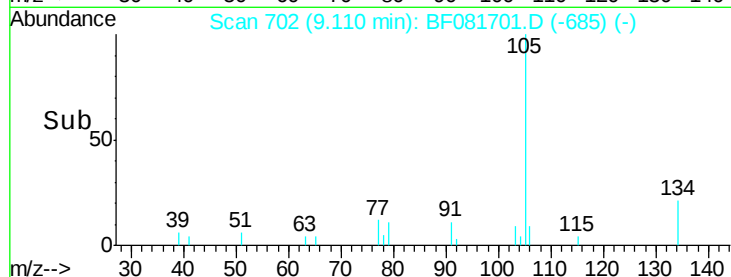
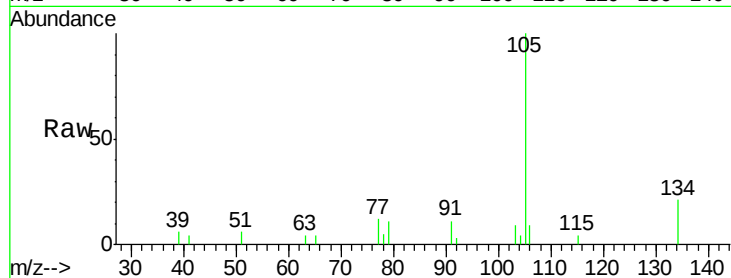
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 5.6 22.0 33.0#

120 0.0 30.1 45.1#

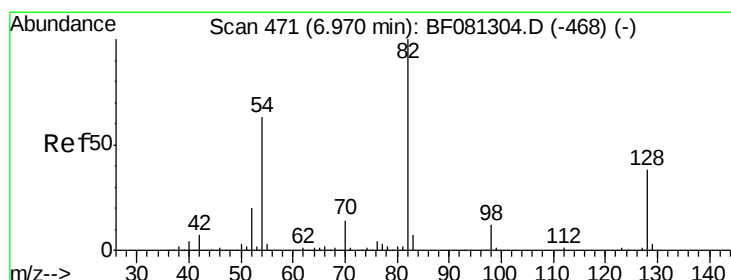
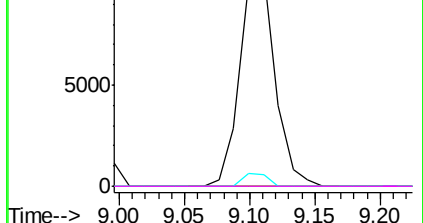


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 90.01 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

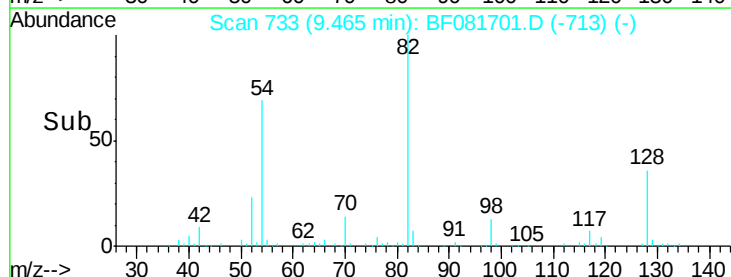
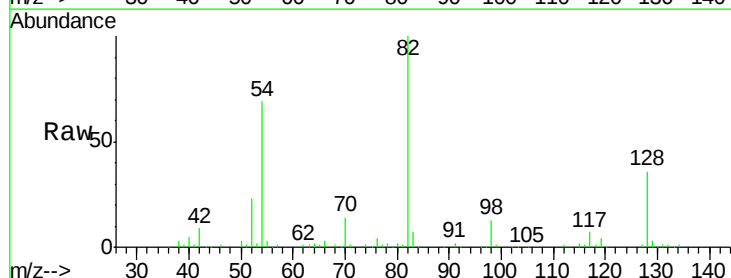
Tgt Ion: 82 Resp: 303346

Ion Ratio Lower Upper

82 100

128 36.1 51.0 76.6#

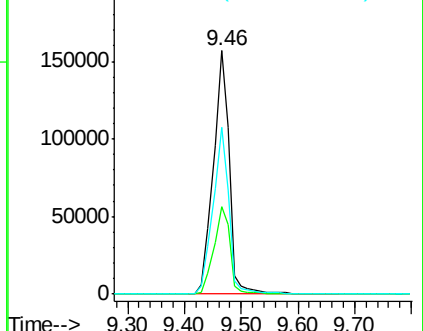
54 68.8 47.5 71.3

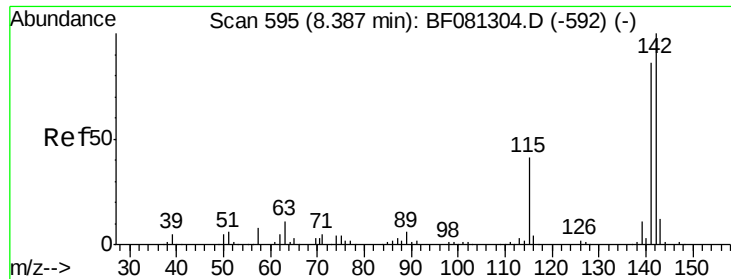


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

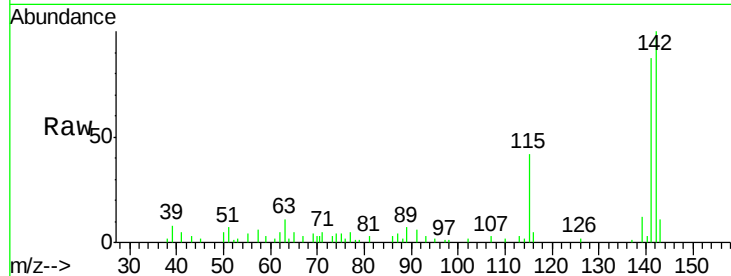




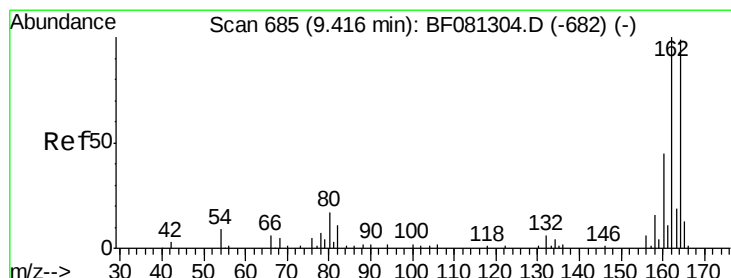
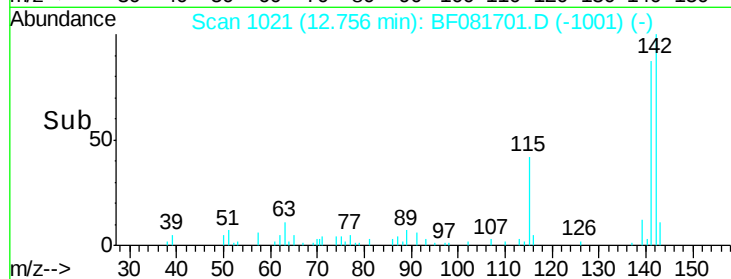
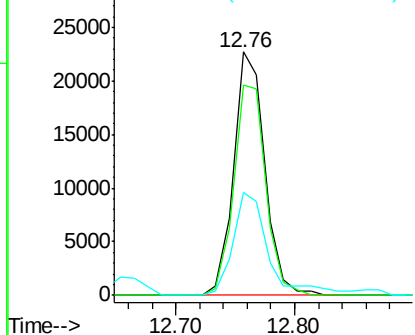
#37
 2-Methylnaphthalene
 Concen: 7.33 ng
 RT: 12.76 min Scan# 1021
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Instrument :
 BNA_F
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 MW-6-9-15-15

Tgt Ion:142 Resp: 41367
 Ion Ratio Lower Upper
 142 100
 141 86.6 67.5 101.3
 115 42.4 18.2 27.2#

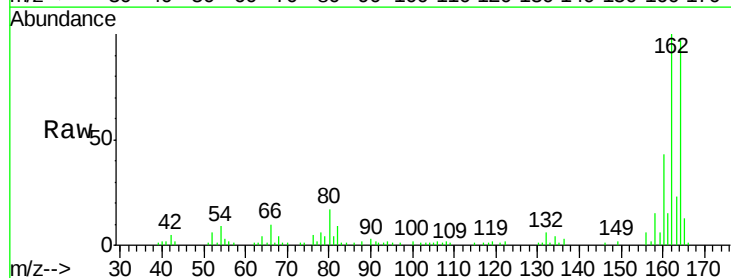


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

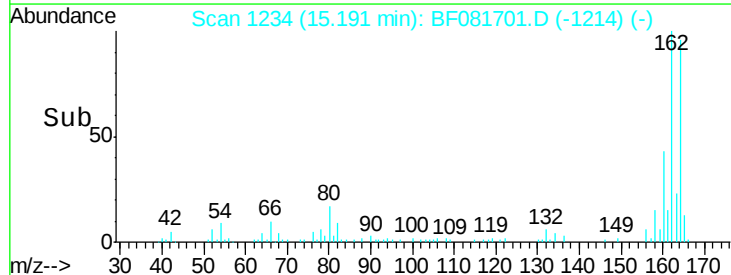
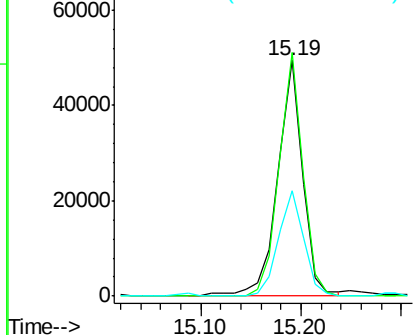


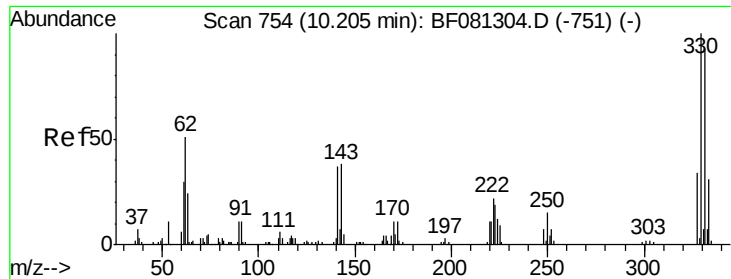
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Tgt Ion:164 Resp: 85644
 Ion Ratio Lower Upper
 164 100
 162 103.4 75.2 112.8
 160 44.6 31.5 47.3



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

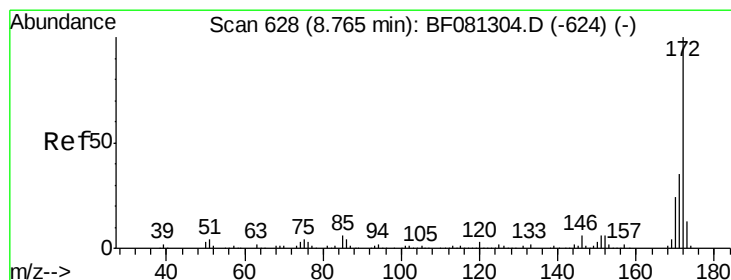
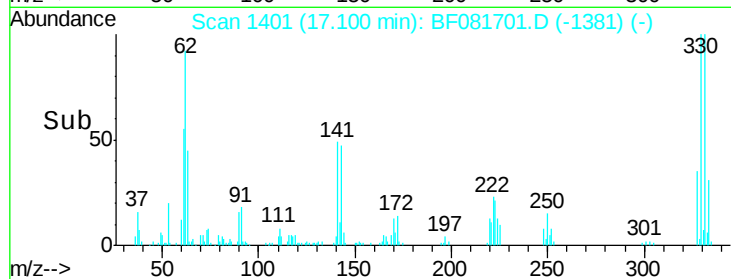
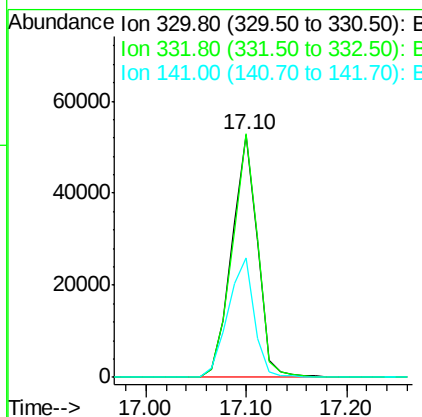
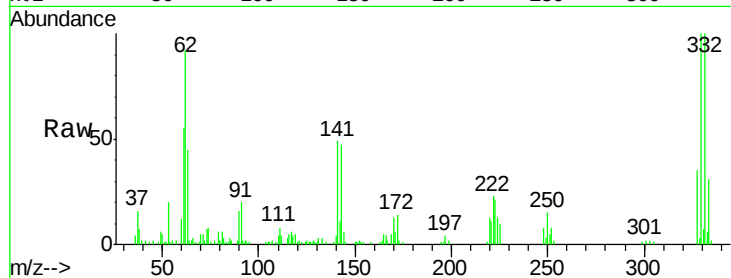




#41
 2,4,6-Tribromophenol
 Concen: 122.90 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

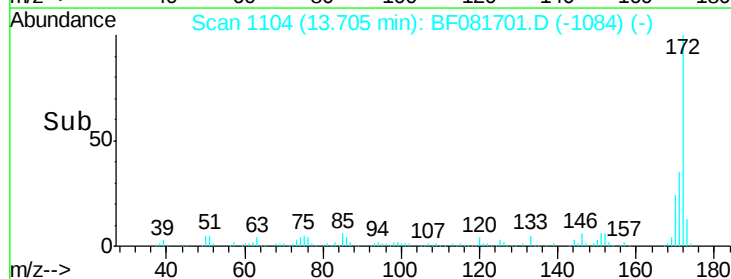
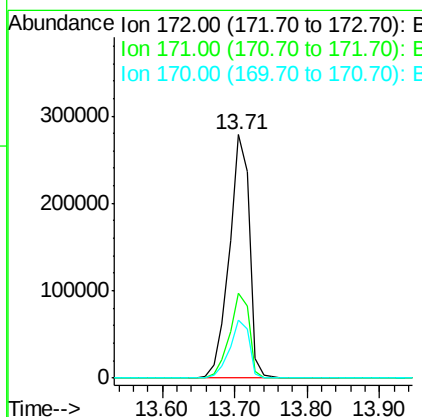
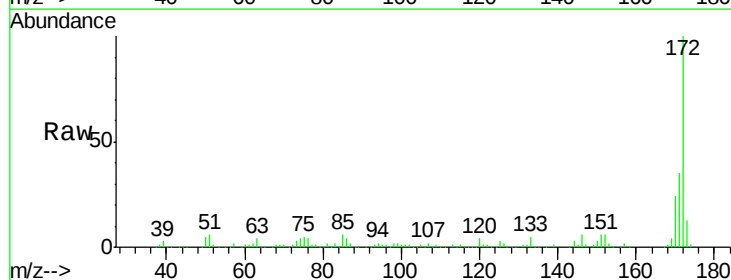
Instrument :
 BNA_F
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 MW-6-9-15-15

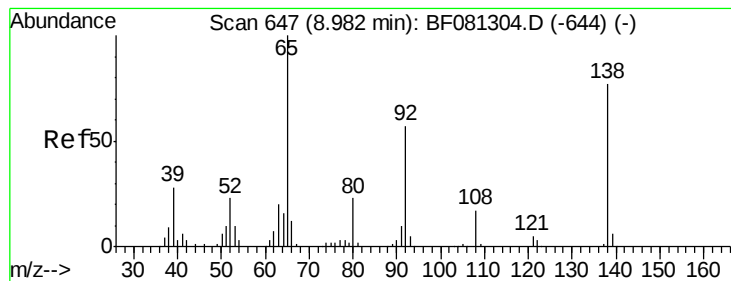
Tgt Ion:330 Resp: 93724
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 50.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 80.01 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Tgt Ion:172 Resp: 534691
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.7 17.4 26.2





#47

2-Nitroaniline

Concen: 2.48 ng

RT: 14.24 min Scan# 1151

Delta R.T. -0.07 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

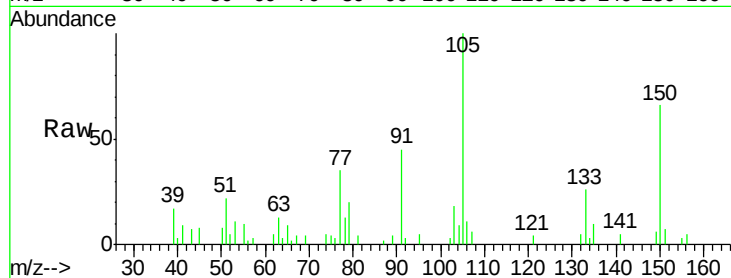
Tgt Ion: 65 Resp: 5753

Ion Ratio Lower Upper

65 100

92 32.5 55.4 83.0#

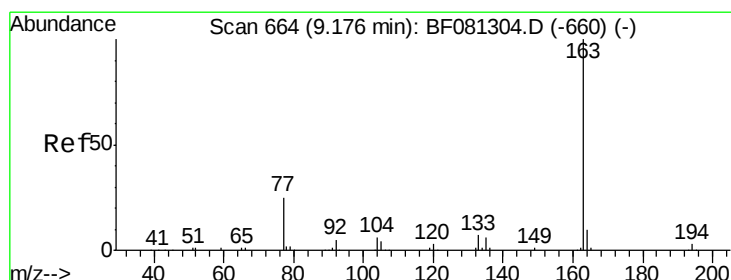
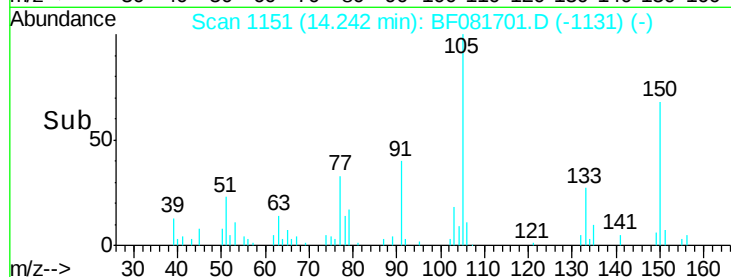
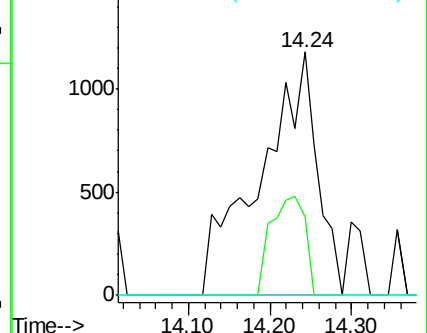
138 0.0 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#49

Dimethylphthalate

Concen: 4.68 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

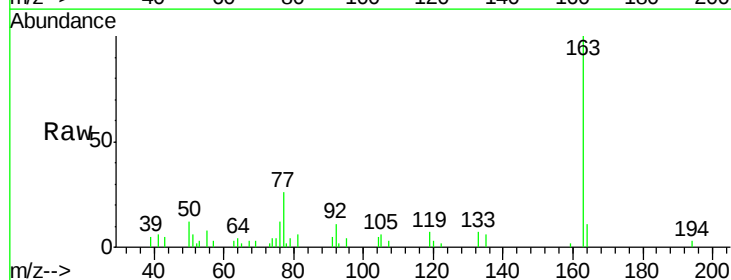
Tgt Ion: 163 Resp: 31129

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

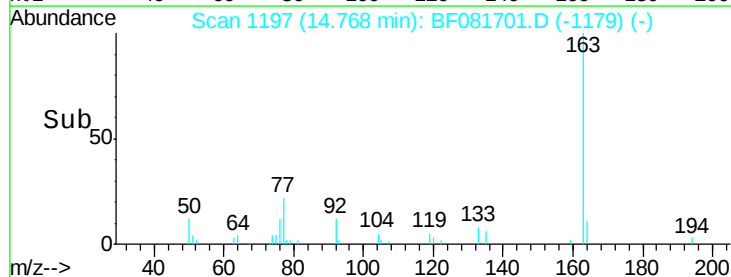
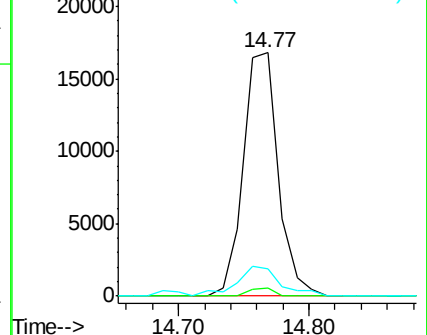
164 11.0 8.3 12.5

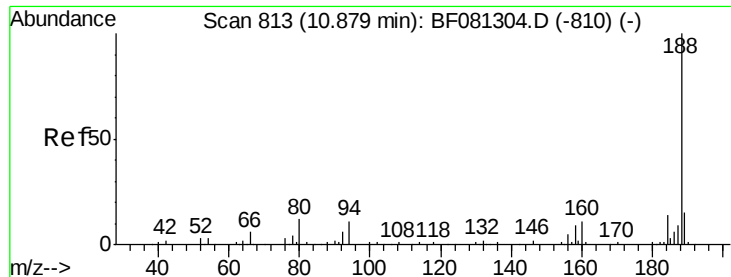


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

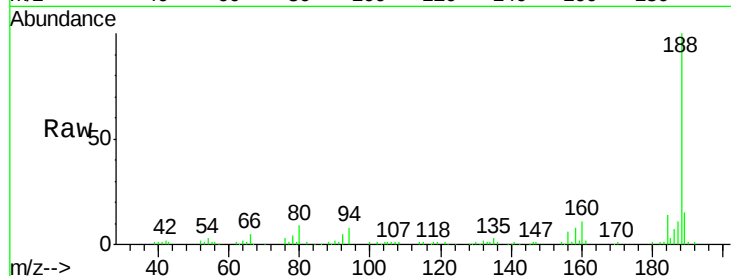




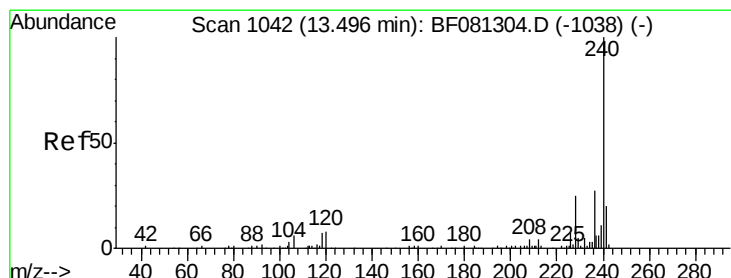
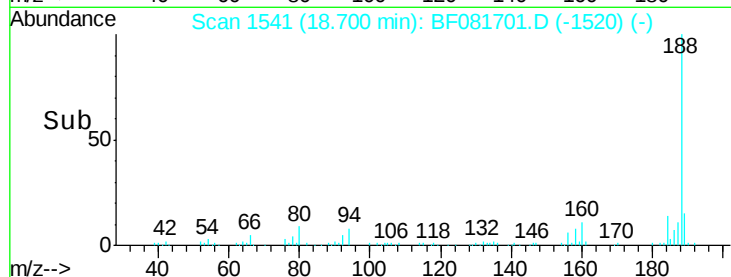
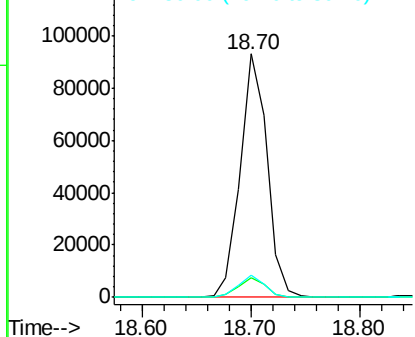
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081701.D
Acq: 18 Sep 2015 17:27

Instrument :
BNA_F
ClientSampleId :
MW-6-9-15-15

Tgt Ion:188 Resp: 158827
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 9.2 11.0 16.4#

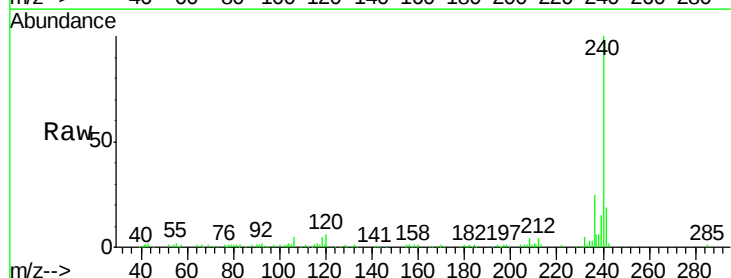


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

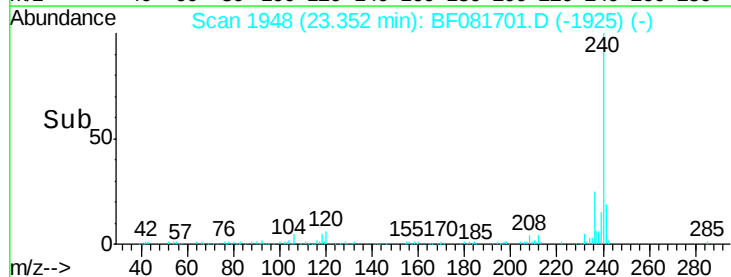
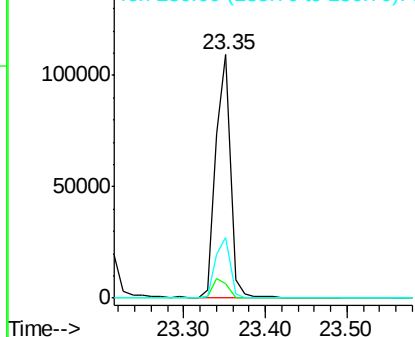


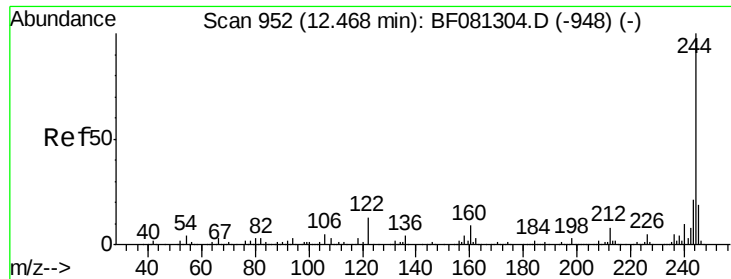
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081701.D
Acq: 18 Sep 2015 17:27

Tgt Ion:240 Resp: 137658
Ion Ratio Lower Upper
240 100
120 6.1 16.2 24.2#
236 25.0 18.4 27.6



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: 86.08 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

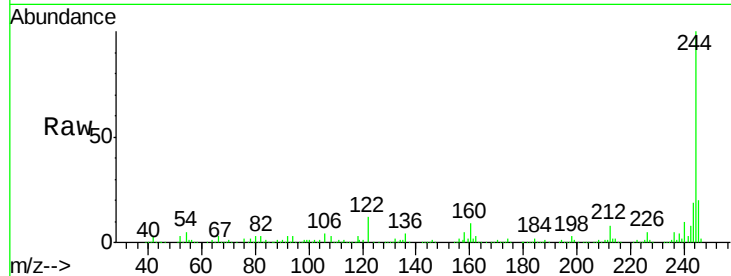
Tgt Ion:244 Resp: 509014

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

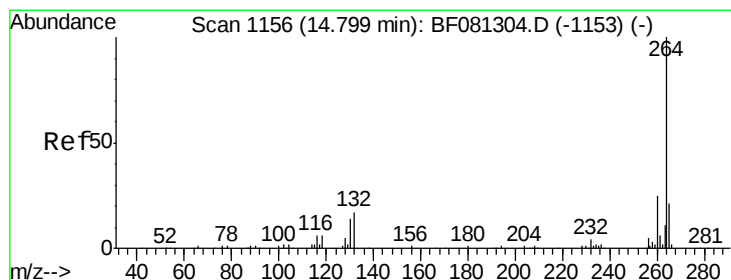
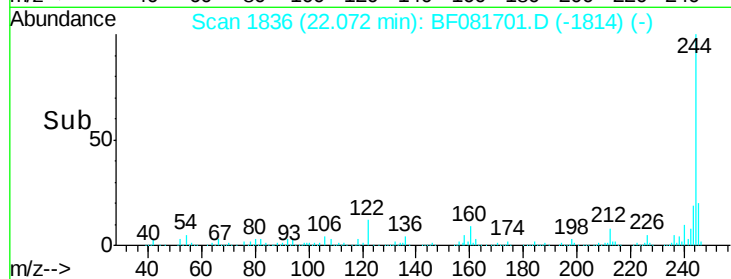
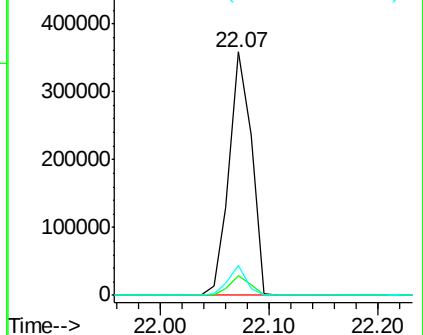
122 12.5 17.4 26.2#



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: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

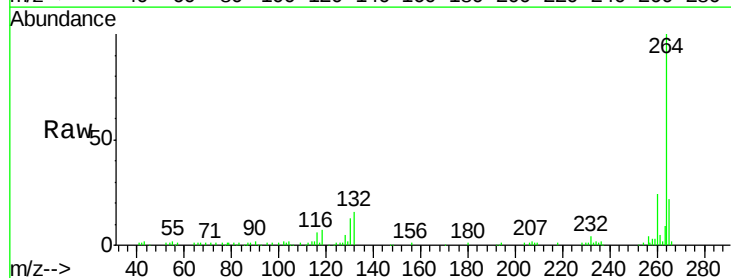
Tgt Ion:264 Resp: 93654

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 22.0 17.2 25.8



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

