

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081362.D
 Acq On : 2 Sep 2015 22:18
 Operator : UM/IZ
 Sample : G3474-01RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Sep 03 00:24:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

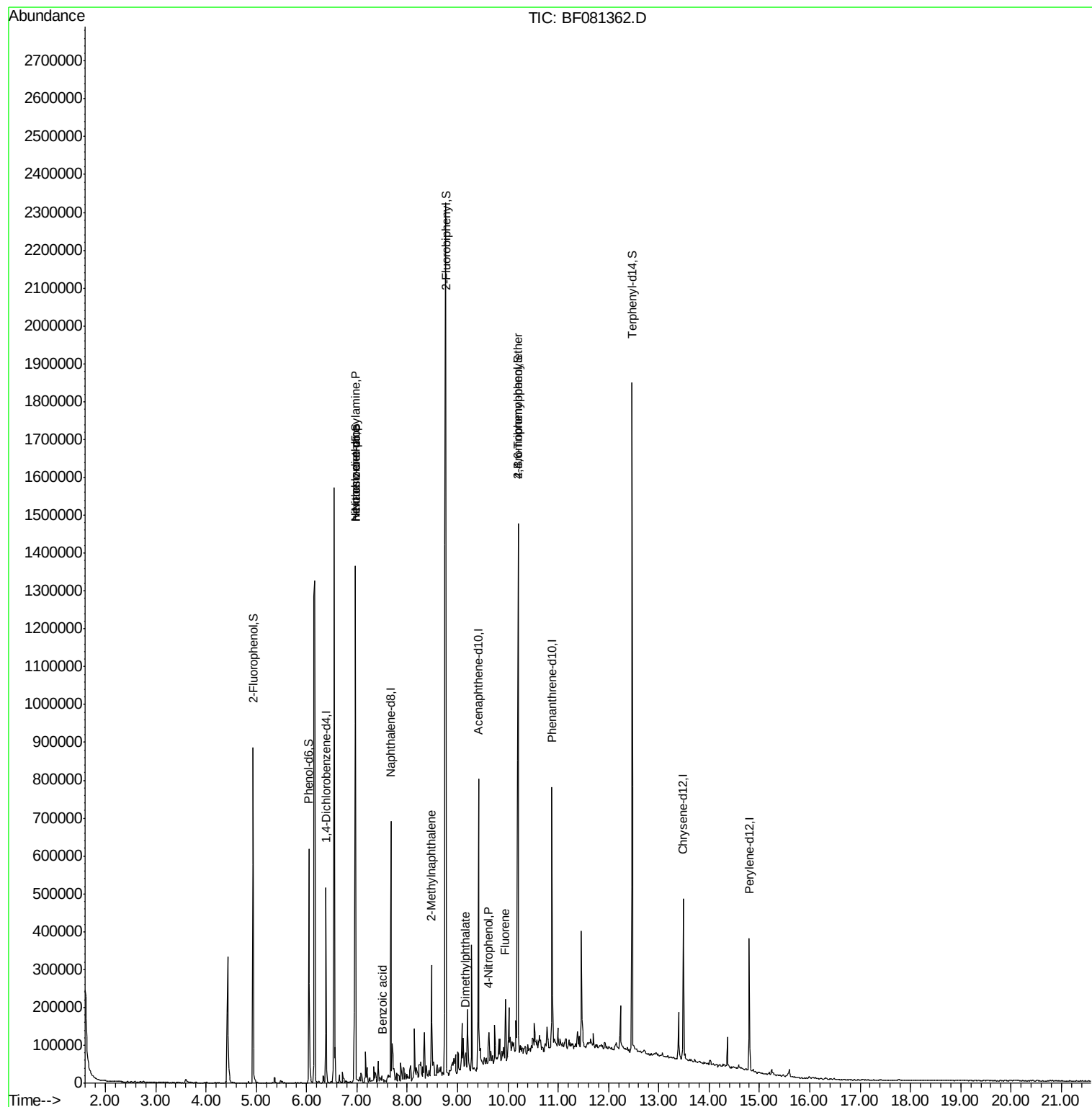
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	72750	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	282901	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	129841	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	233023	20.00	ng	0.00
75) Chrysene-d12	13.49	240	185724	20.00	ng	-0.01
86) Perylene-d12	14.80	264	124566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	279516	59.61	ng	0.01
7) Phenol-d6	6.04	99	215517	34.72	ng	-0.01
23) Nitrobenzene-d5	6.97	82	556920	94.98	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	146309	126.55	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	892291	88.07	ng	0.00
78) Terphenyl-d14	12.47	244	646863	81.08	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	6.97	117	22151	10.13	ng	# 6
19) n-Nitroso-di-n-propylamine	6.97	70	75677	17.92	ng	# 59
32) Benzoic acid	7.51	122	206	2.60	ng	# 1
37) 2-Methylnaphthalene	8.48	142	76571	7.80	ng	# 84
49) Dimethylphthalate	9.16	163	21525	2.13	ng	# 98
55) 4-Nitrophenol	9.62	139	12277	7.50	ng	# 37
57) Fluorene	9.95	166	30754	3.19	ng	# 94
66) 4-Bromophenyl-phenylether	10.20	248	11926	5.06	ng	# 1

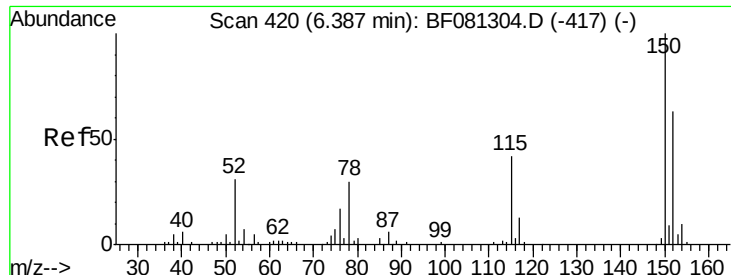
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 03 00:20:21 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-01

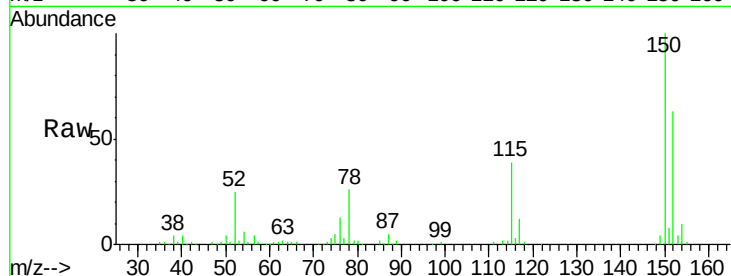
Tot Ion:152 Resp: 72750

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

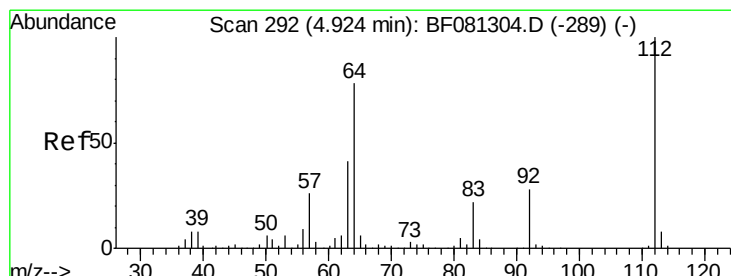
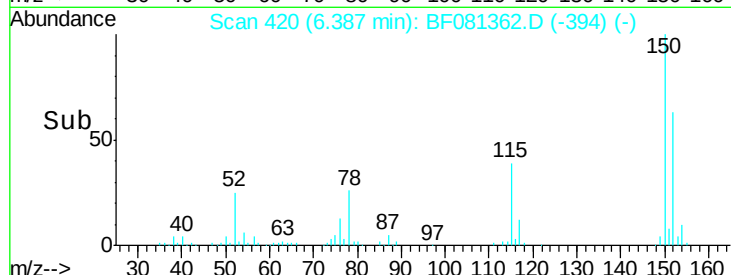
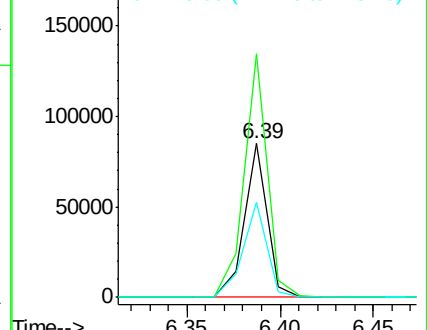
115 61.9 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 59.61 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

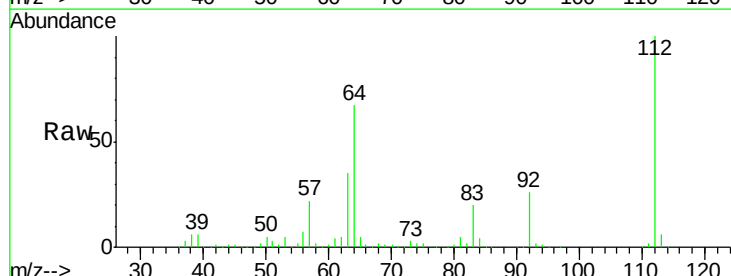
Tgt Ion:112 Resp: 279516

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

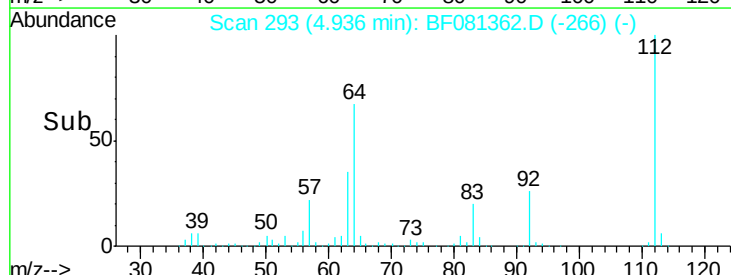
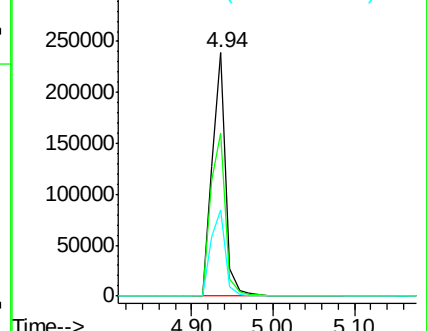
63 35.2 17.4 26.0#

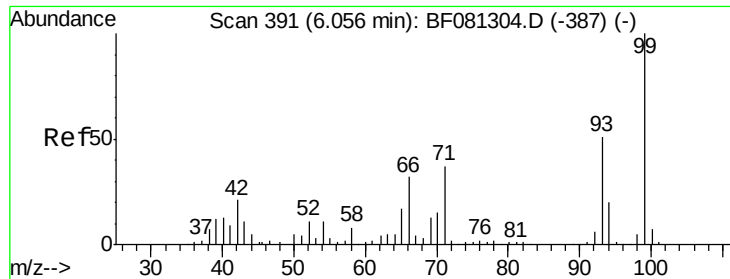


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.72 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

Instrument :

BNA_F

ClientSampled :

MW-01

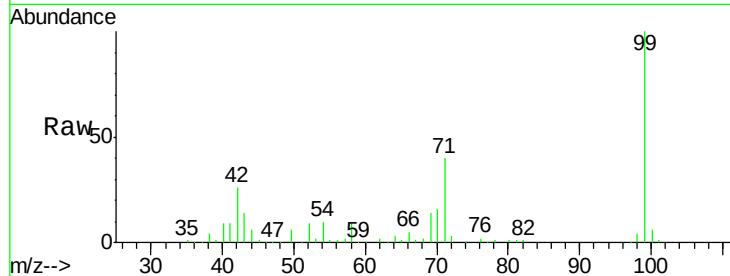
Tot Ion: 99 Resp: 21517

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

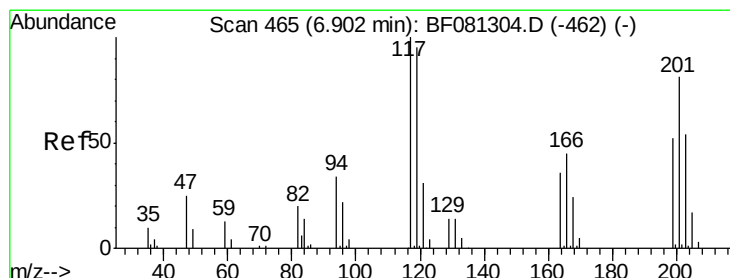
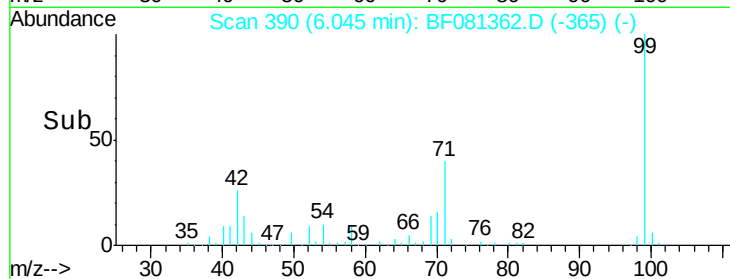
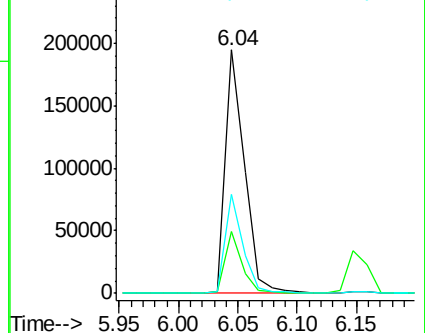
71 40.4 14.2 21.2#



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



#18

Hexachloroethane

Concen: 10.13 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.07 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

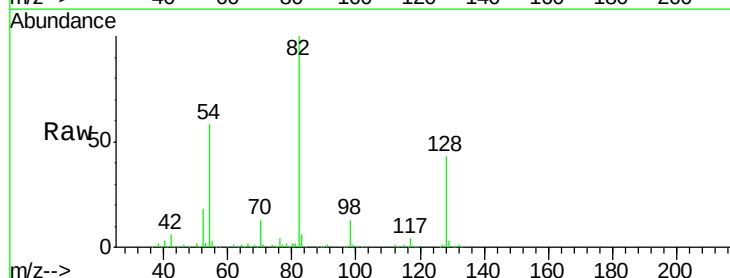
Tgt Ion: 117 Resp: 22151

Ion Ratio Lower Upper

117 100

119 2.3 83.8 125.6#

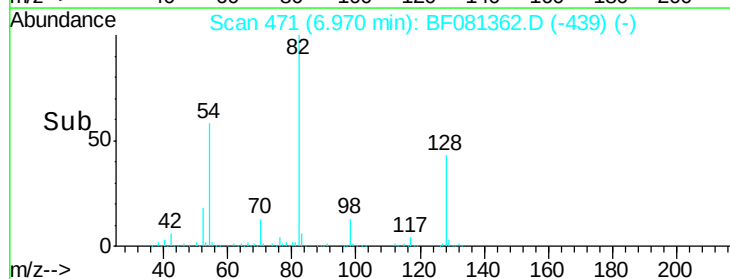
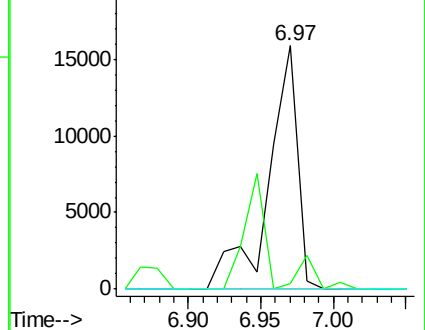
201 0.0 55.1 82.7#

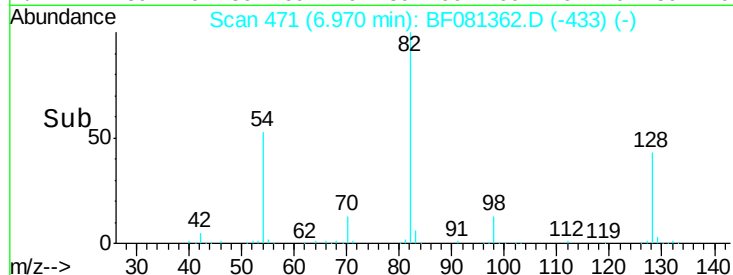
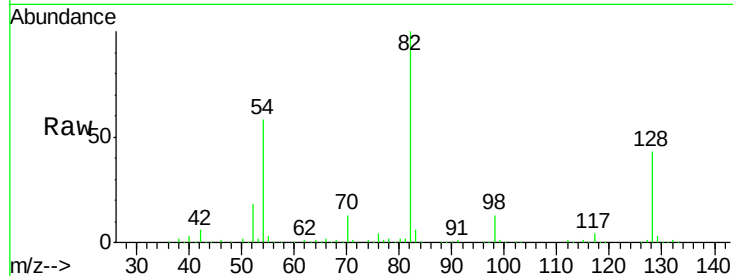
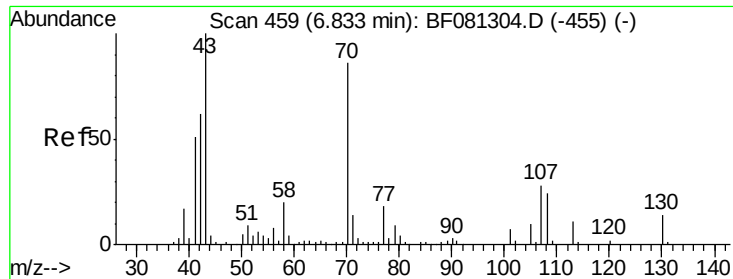


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

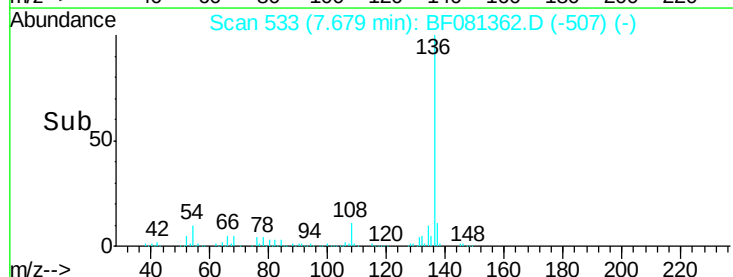
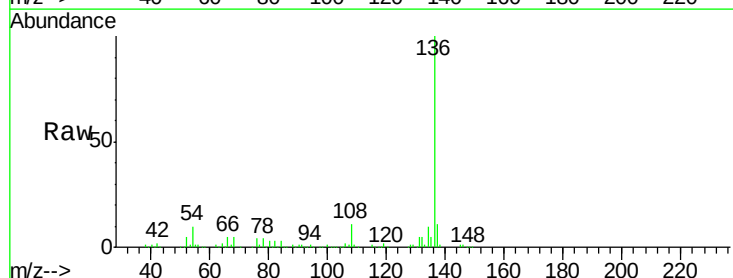
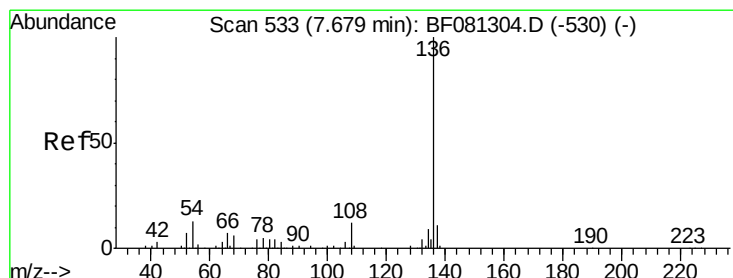
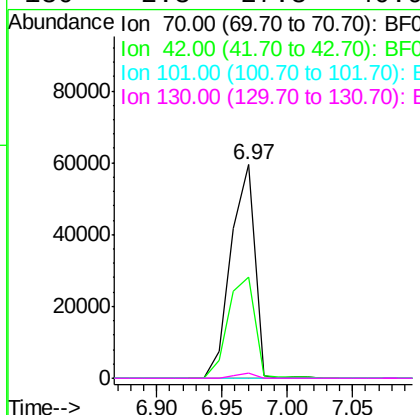




#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.14 min
Lab File: BF081362.D
Acq: 2 Sep 2015 22:18

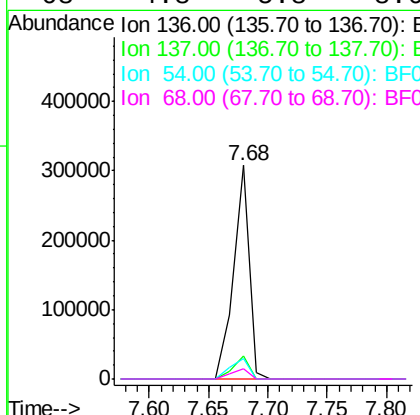
Instrument :
BNA_F
ClientSampleId :
MW-01

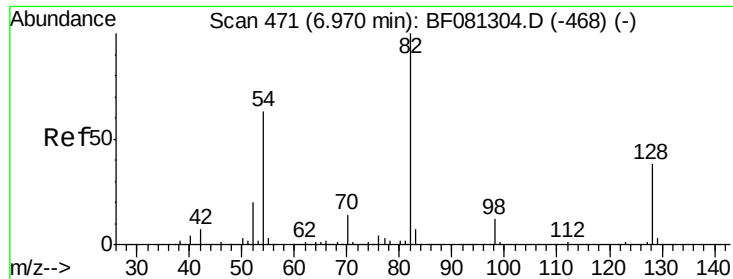
Tot Ion: 70 Resp: 75677
Ion Ratio Lower Upper
70 100
42 47.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081362.D
Acq: 2 Sep 2015 22:18

Tgt Ion: 136 Resp: 282901
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 8.2 12.2
68 4.8 5.8 8.6#

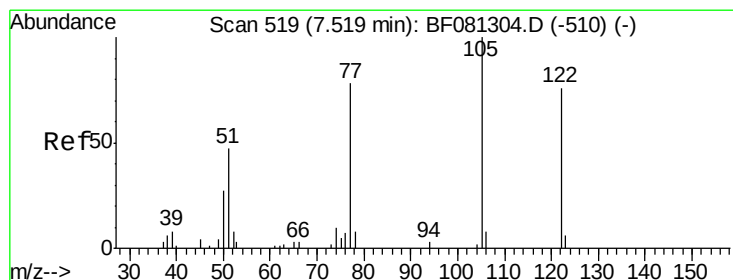
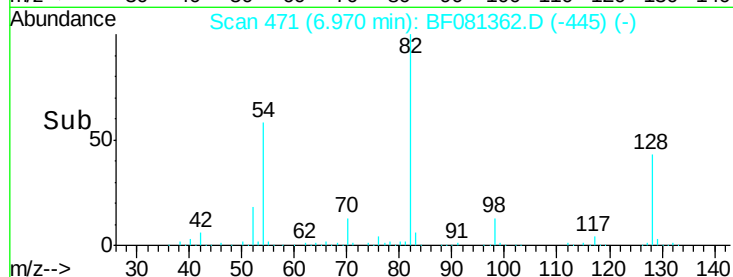
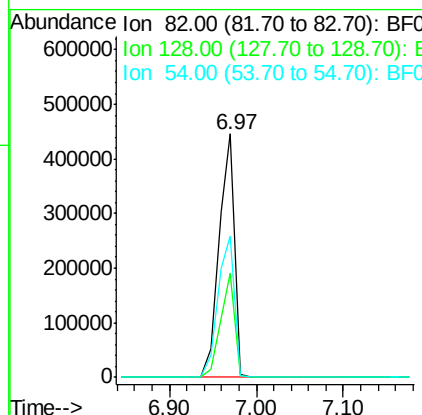
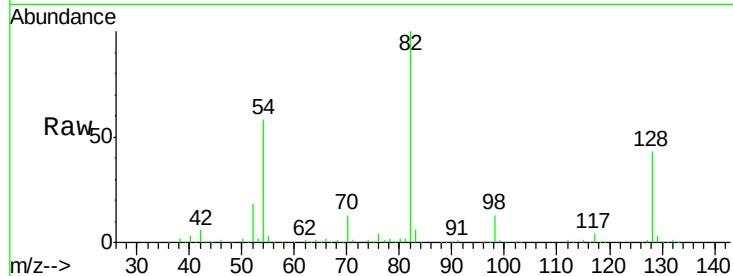




#23
 Nitrobenzene-d5
 Concen: 94.98 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

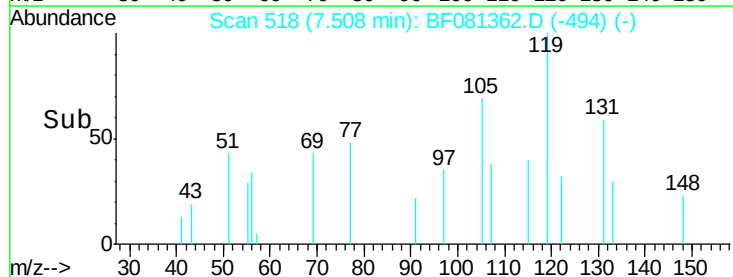
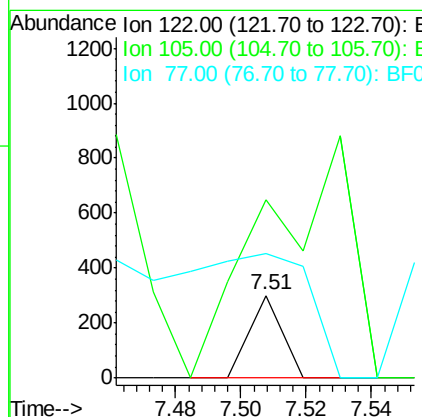
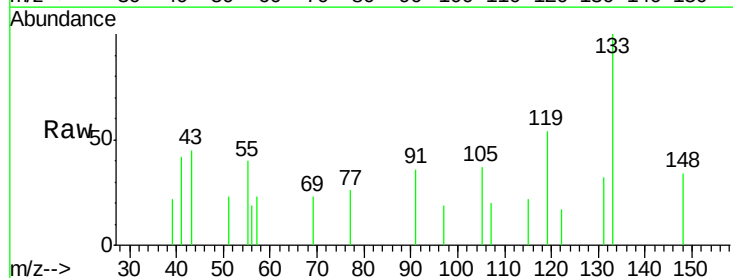
Instrument :
 BNA_F
 ClientSampled :
 MW-01

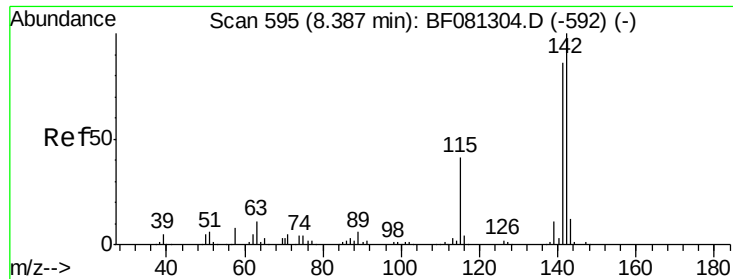
Tot Ion: 82 Resp: 556920
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 57.8 47.5 71.3



#32
 Benzoic acid
 Concen: 2.60 ng
 RT: 7.51 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

Tgt Ion: 122 Resp: 206
 Ion Ratio Lower Upper
 122 100
 105 216.3 76.1 116.1#
 77 150.3 40.5 80.5#





#37

2-Methylnaphthalene

Concen: 7.80 ng

RT: 8.48 min Scan# 603

Delta R.T. 0.09 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-01

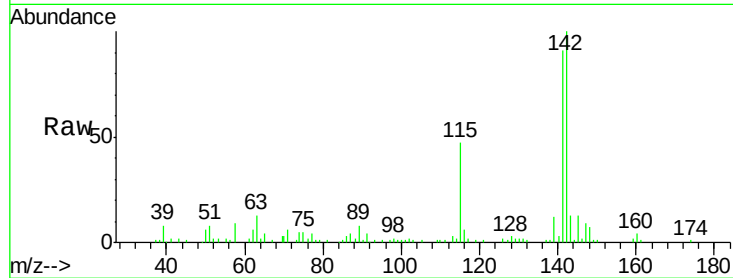
Tot Ion:142 Resp: 76571

Ion Ratio Lower Upper

142 100

141 90.7 67.5 101.3

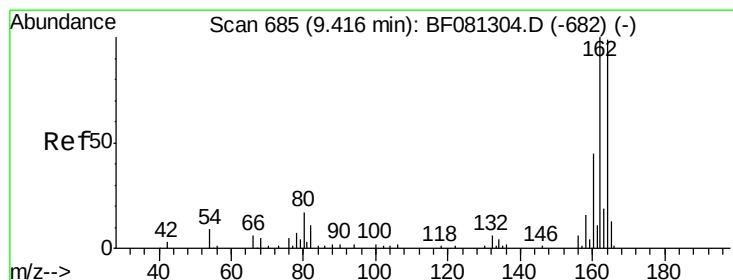
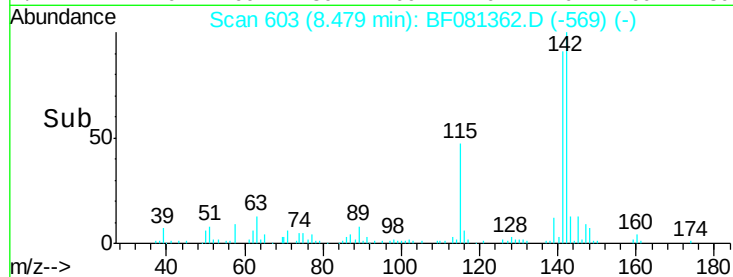
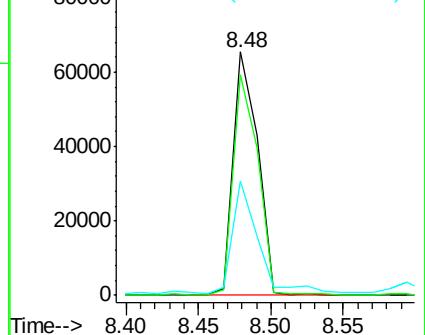
115 47.1 18.2 27.2#



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: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

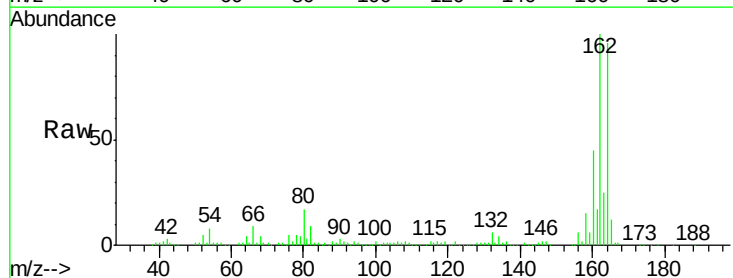
Tgt Ion:164 Resp: 129841

Ion Ratio Lower Upper

164 100

162 104.6 75.2 112.8

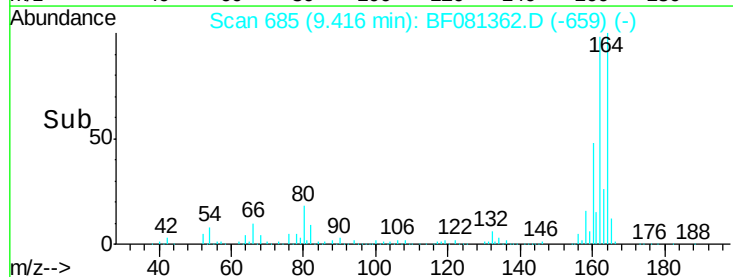
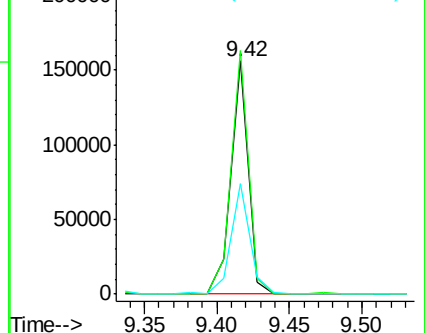
160 47.5 31.5 47.3#

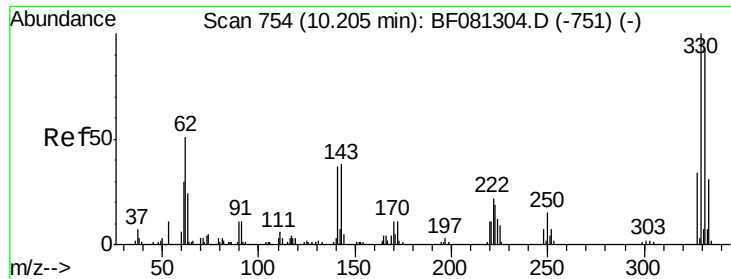


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

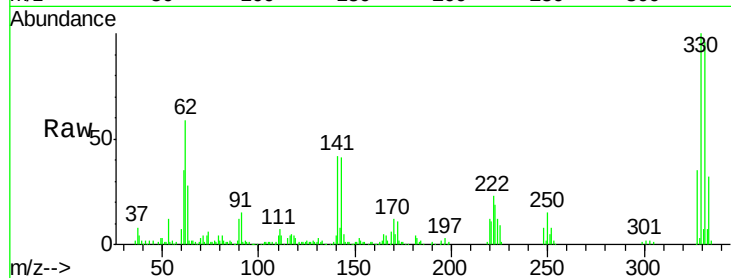




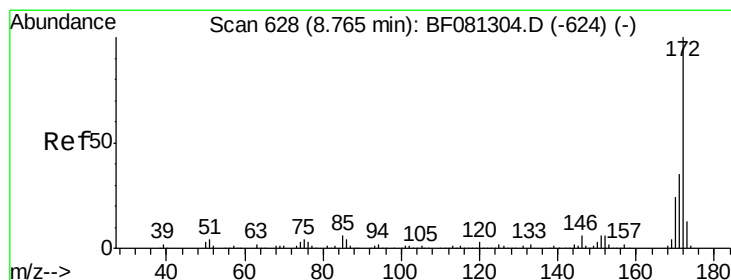
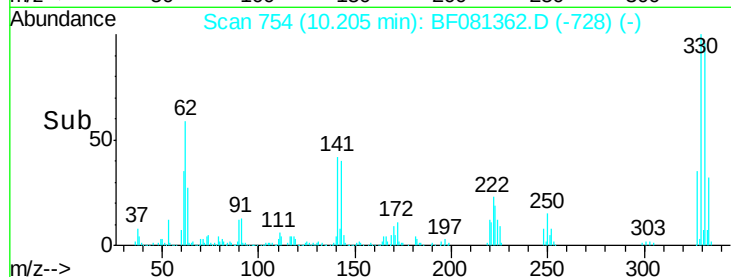
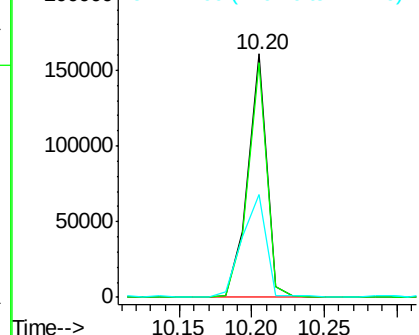
#41
 2,4,6-Tribromophenol
 Concen: 126.55 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 146309
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 53.1 29.7 44.5#

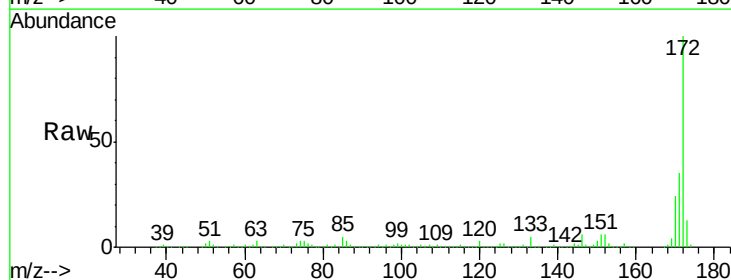


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

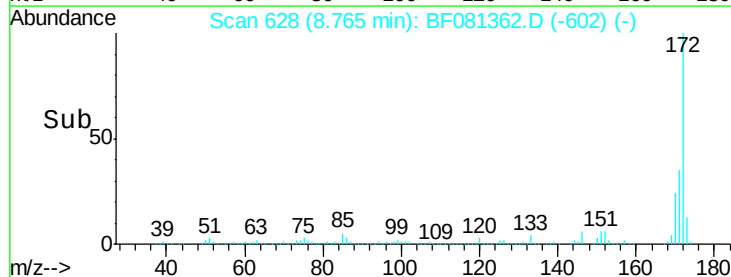
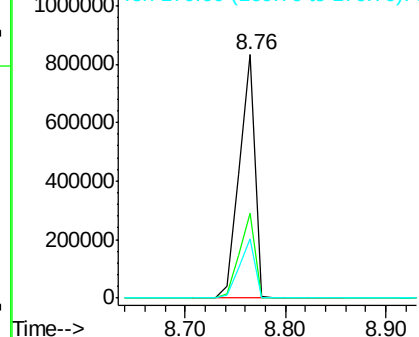


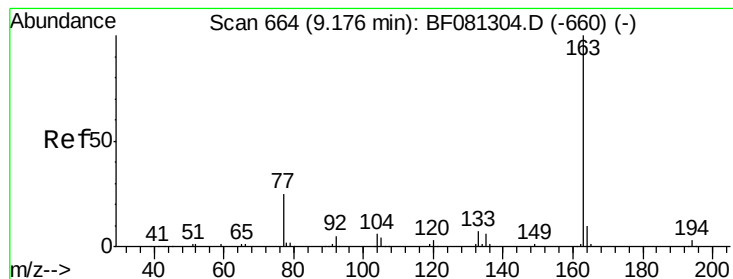
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

Tgt Ion:172 Resp: 892291
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 24.4 17.4 26.2



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: 2.13 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-01

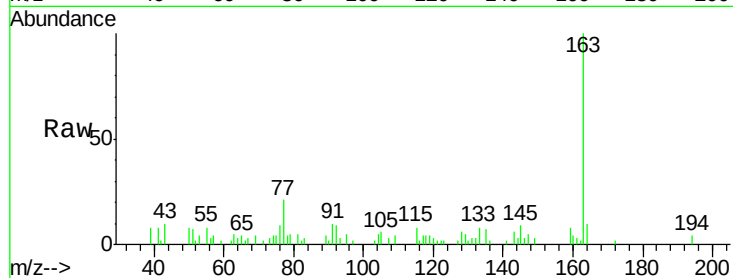
Tot Ion:163 Resp: 21525

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

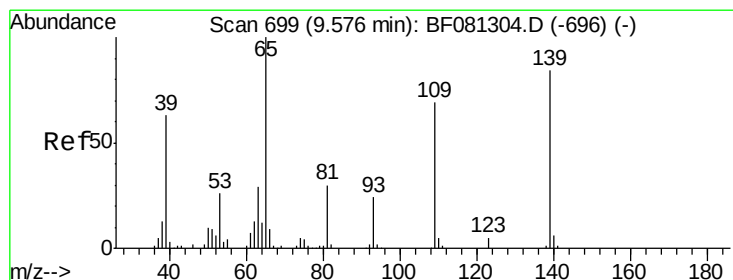
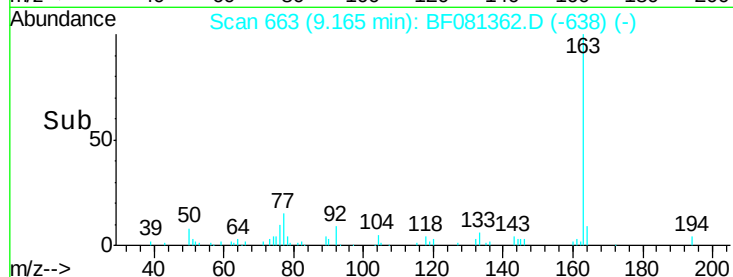
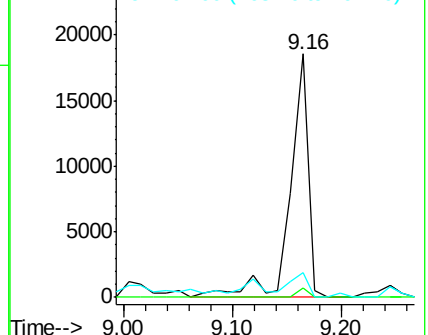
164 10.3 8.3 12.5



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



#55

4-Nitrophenol

Concen: 7.50 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.05 min

Lab File: BF081362.D

Acq: 2 Sep 2015 22:18

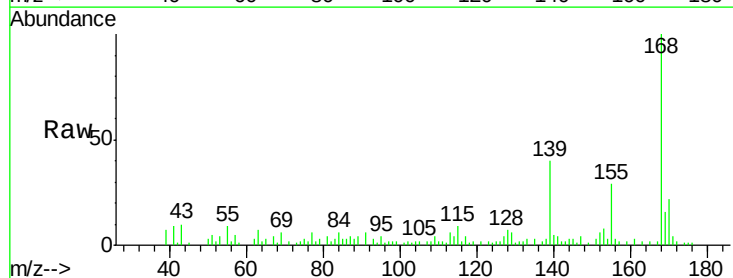
Tgt Ion:139 Resp: 12277

Ion Ratio Lower Upper

139 100

109 8.9 12.7 52.7#

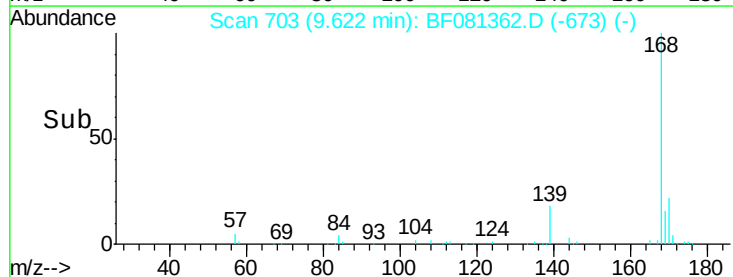
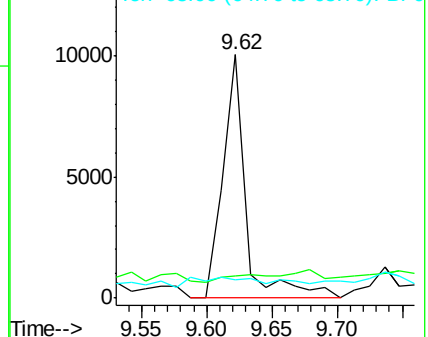
65 7.7 45.9 85.9#

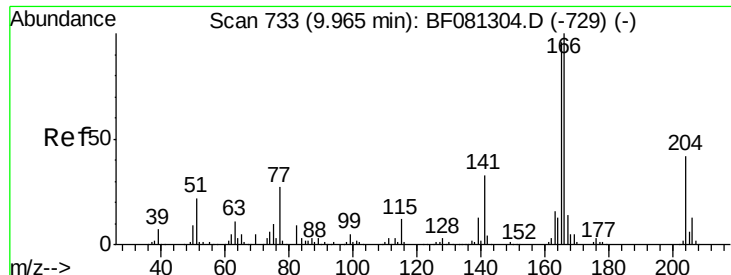


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

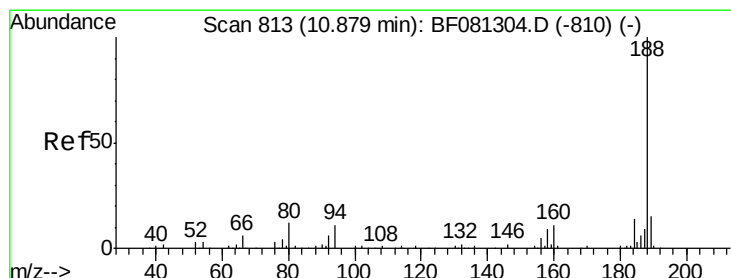
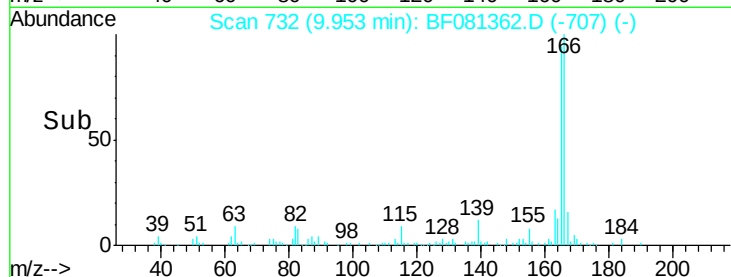
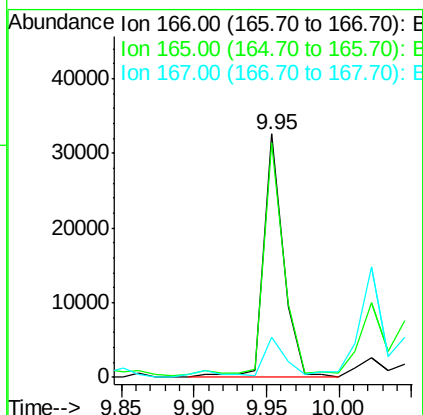
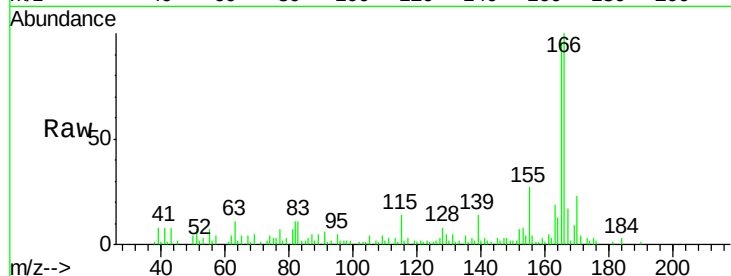




#57
 Fluorene
 Concen: 3.19 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

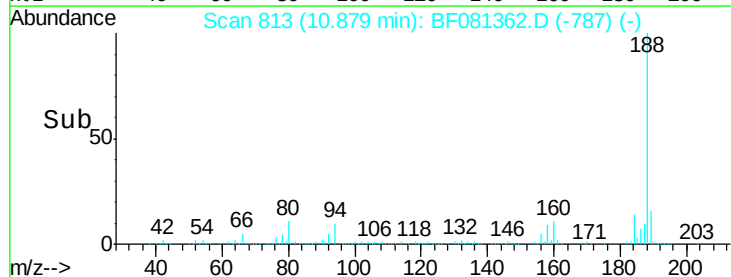
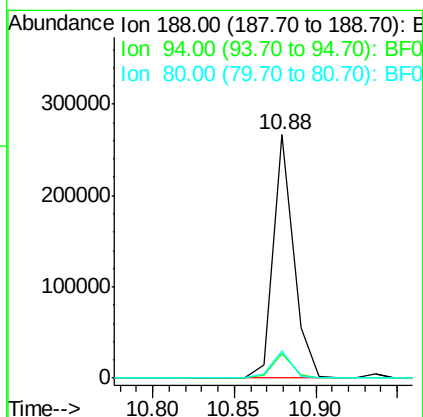
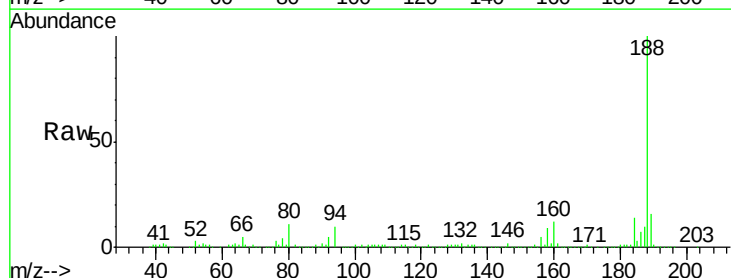
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

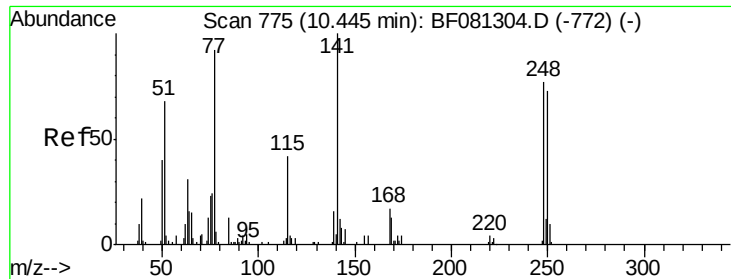
Tot Ion:166 Resp: 30754
 Ion Ratio Lower Upper
 166 100
 165 96.1 72.6 109.0
 167 16.7 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

Tgt Ion:188 Resp: 233023
 Ion Ratio Lower Upper
 188 100
 94 10.1 11.1 16.7#
 80 11.1 11.0 16.4

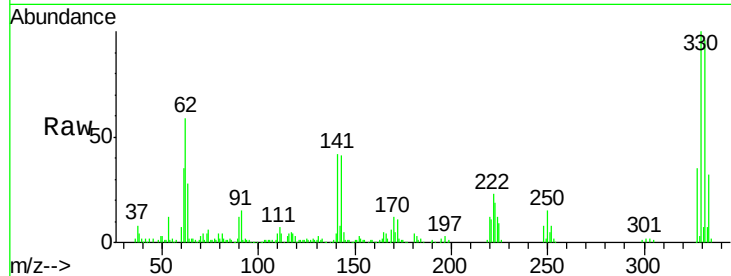




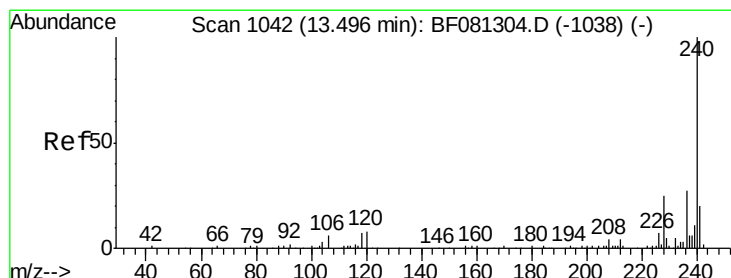
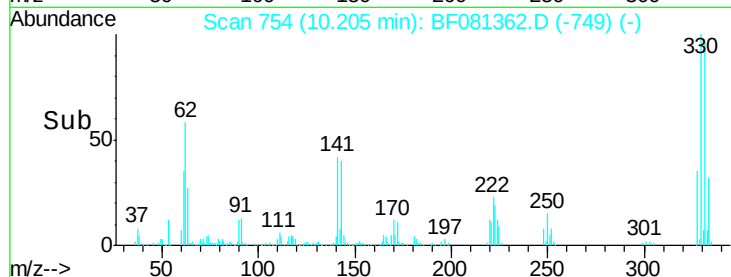
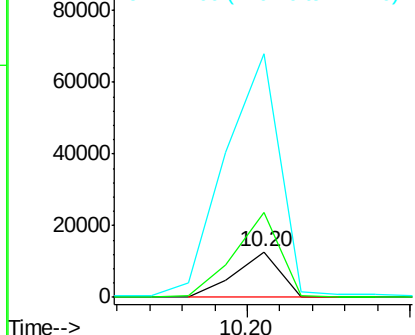
#66
4-Bromophenyl-phenylether
Concen: 5.06 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF081362.D
Acq: 2 Sep 2015 22:18

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:248 Resp: 11926
Ion Ratio Lower Upper
248 100
250 186.6 78.5 117.7#
141 533.8 59.0 88.6#

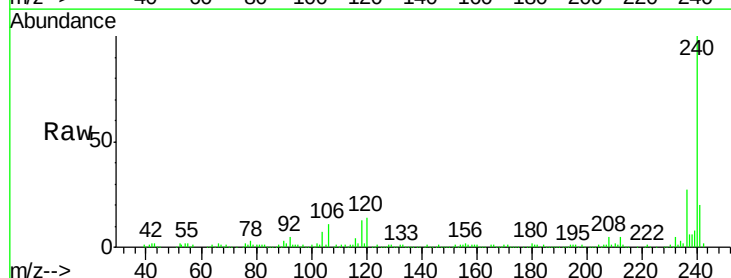


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

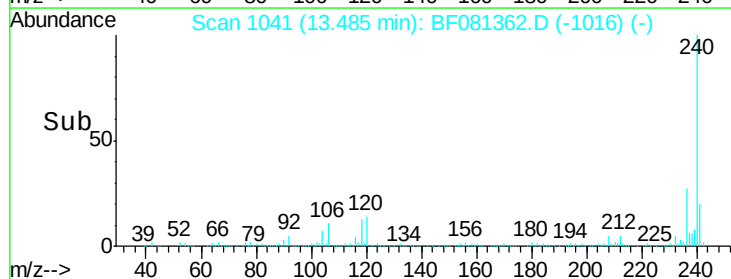
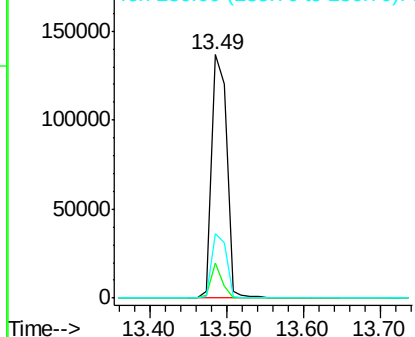


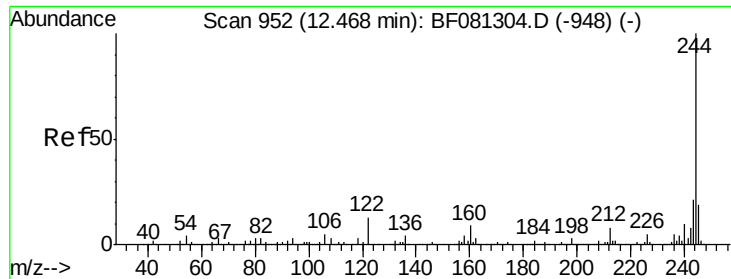
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081362.D
Acq: 2 Sep 2015 22:18

Tgt Ion:240 Resp: 185724
Ion Ratio Lower Upper
240 100
120 14.2 16.2 24.2#
236 26.7 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

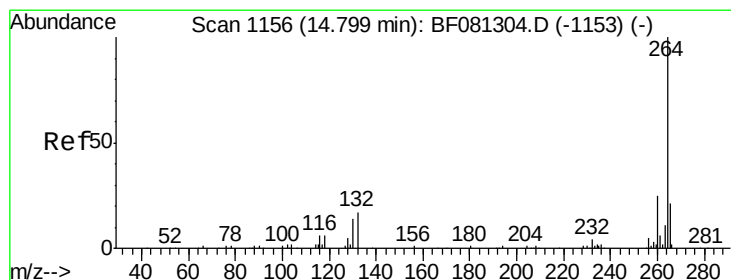
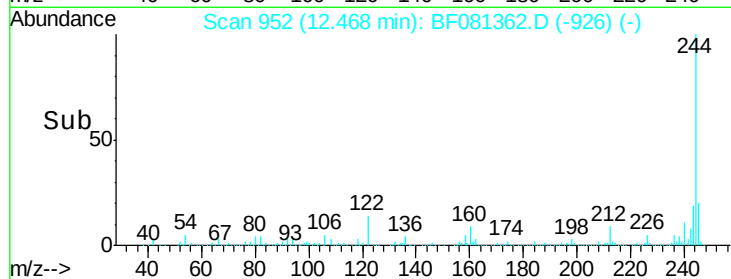
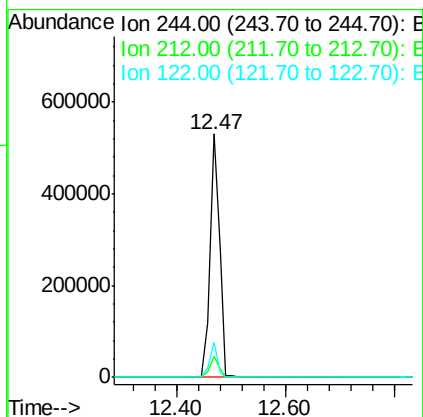
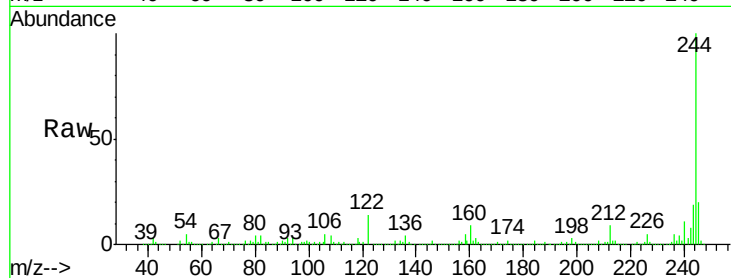




#78
 Terphenyl-d14
 Concen: 81.08 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:244 Resp: 646863
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.3 6.5#
 122 14.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081362.D
 Acq: 2 Sep 2015 22:18

Tgt Ion:264 Resp: 124566
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 21.3 17.2 25.8

