

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082138.D
 Acq On : 8 Oct 2015 20:41
 Operator : UM/IZ
 Sample : G3960-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Oct 09 05:11:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

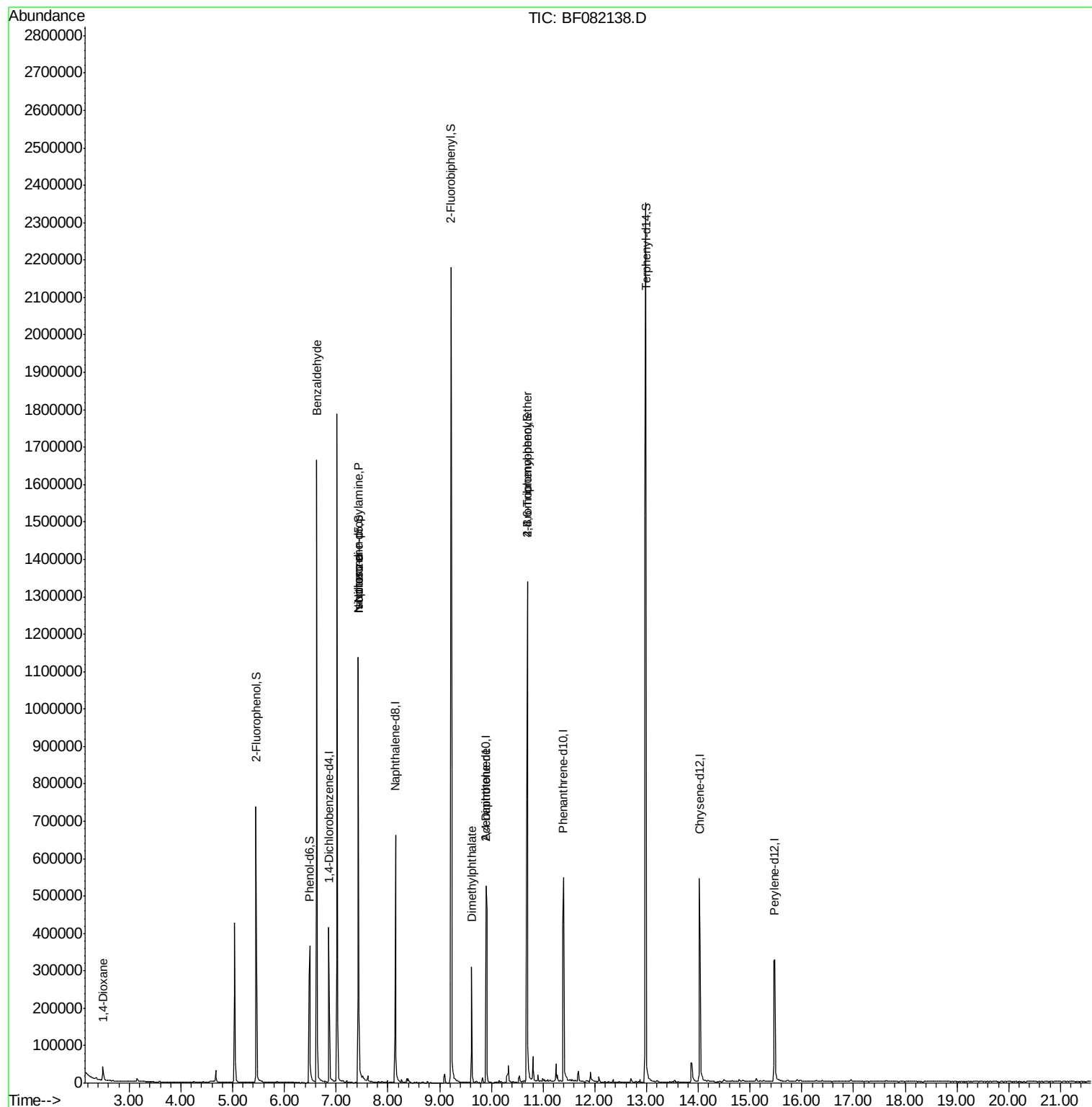
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83468	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	333266	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	157114	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	326870	20.00	ng	0.00
75) Chrysene-d12	14.02	240	300856	20.00	ng	-0.02
86) Perylene-d12	15.48	264	224024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	239087	52.00	ng	0.00
7) Phenol-d6	6.49	99	196253	33.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	428733	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	212809	133.74	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	839405	90.54	ng	-0.01
78) Terphenyl-d14	12.98	244	1009748	123.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.49	88	19824	9.91	ng	Qvalue 95
9) Benzaldehyde	6.63	77	10719	2.83	ng	# 66
19) n-Nitroso-di-n-propylamine	7.43	70	54651	15.54	ng	# 57
25) Isophorone	7.43	82	369195	37.26	ng	# 58
49) Dimethylphthalate	9.62	163	145925	13.46	ng	# 96
56) 2,4-Dinitrotoluene	9.90	165	20257	6.75	ng	# 31
66) 4-Bromophenyl-phenylether	10.70	248	14399	4.37	ng	# 1
73) Di-n-butylphthalate	11.95	149	2022	Below Cal		# 78

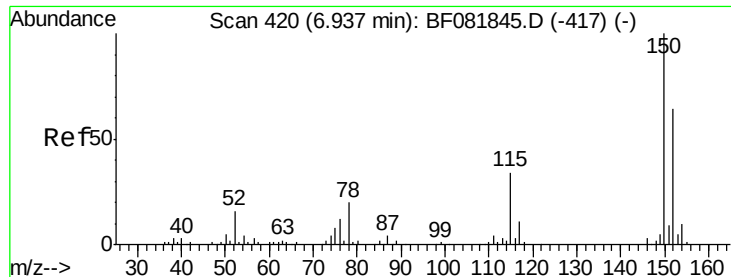
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-3

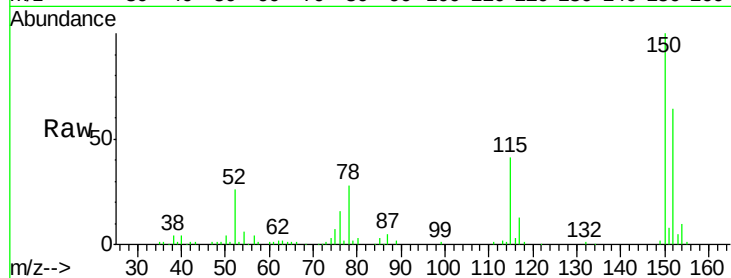
Tot Ion:152 Resp: 83468

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

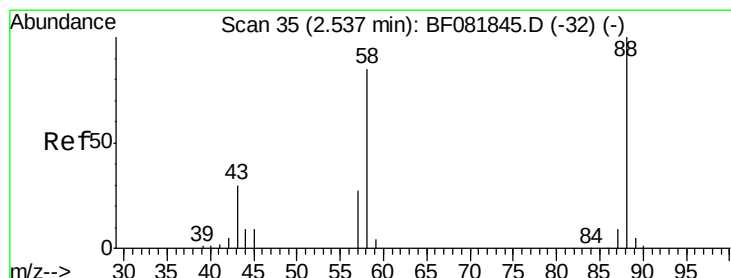
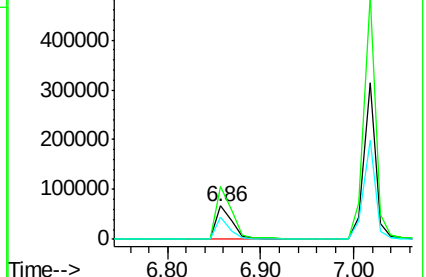
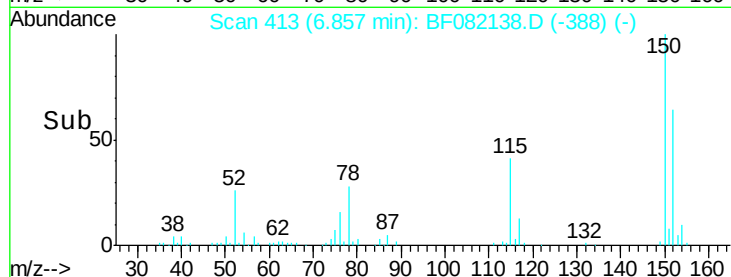
115 64.6 39.0 58.4#



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: 9.91 ng

RT: 2.49 min Scan# 31

Delta R.T. 0.07 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

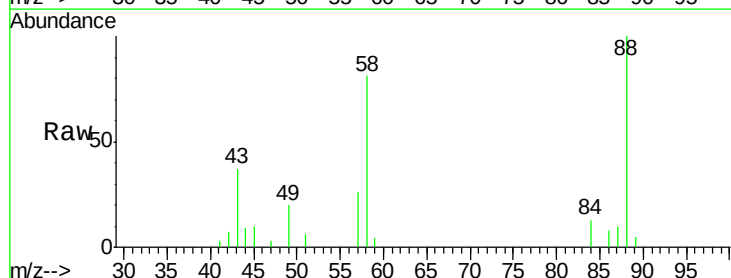
Tgt Ion: 88 Resp: 19824

Ion Ratio Lower Upper

88 100

58 101.8 77.7 116.5

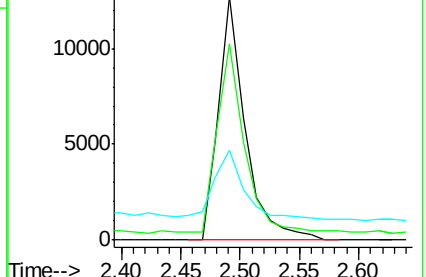
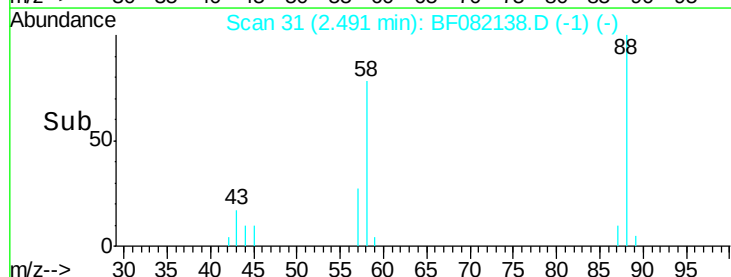
43 35.5 26.6 40.0

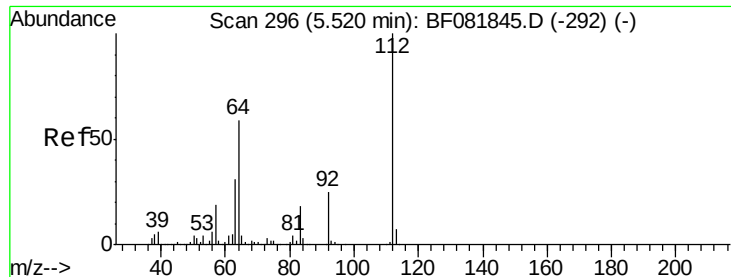


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 52.00 ng

RT: 5.45 min Scan# 290

Delta R.T. -0.00 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampled :

MW-3

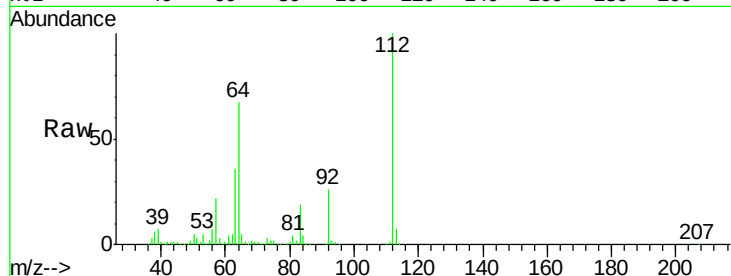
Tot Ion:112 Resp: 239087

Ion Ratio Lower Upper

112 100

64 66.5 39.7 59.5#

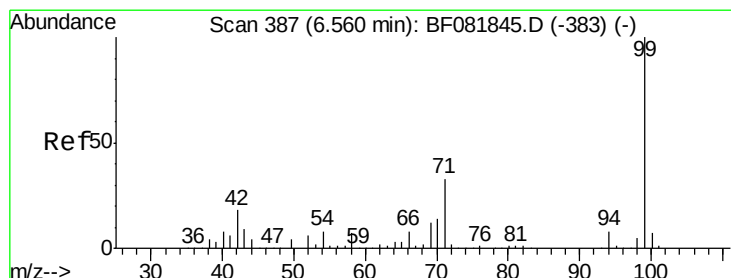
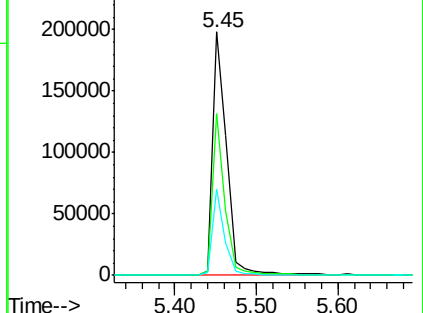
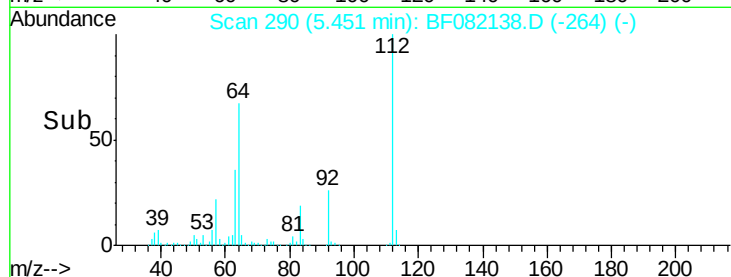
63 35.5 17.4 26.0#



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: 33.92 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

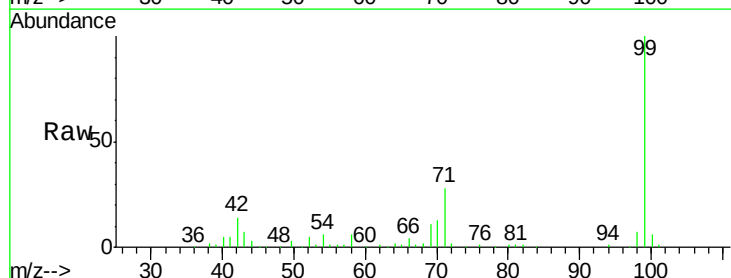
Tgt Ion: 99 Resp: 196253

Ion Ratio Lower Upper

99 100

42 14.0 13.7 20.5

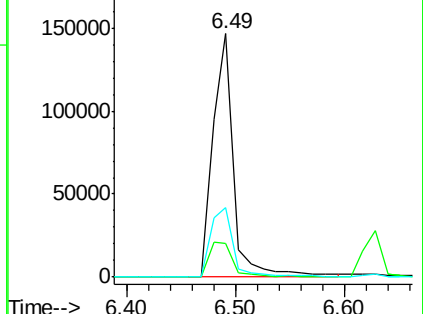
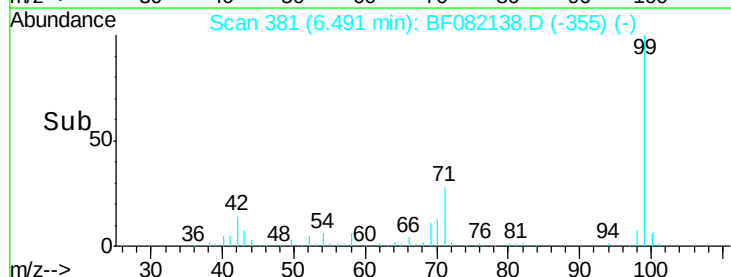
71 28.5 14.2 21.2#

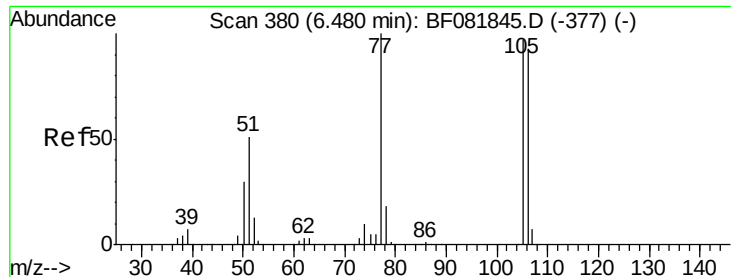


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyd

Concen: 2.83 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampled :

MW-3

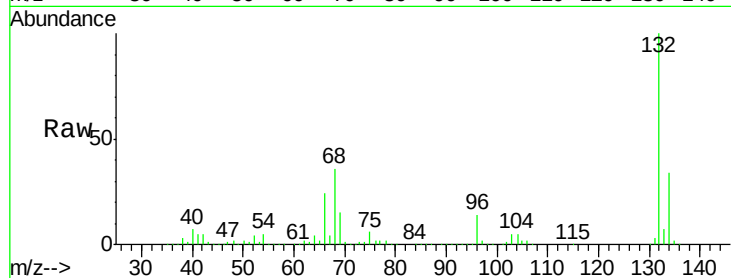
Tot Ion: 77 Resp: 10719

Ion Ratio Lower Upper

77 100

105 87.0 91.6 131.6#

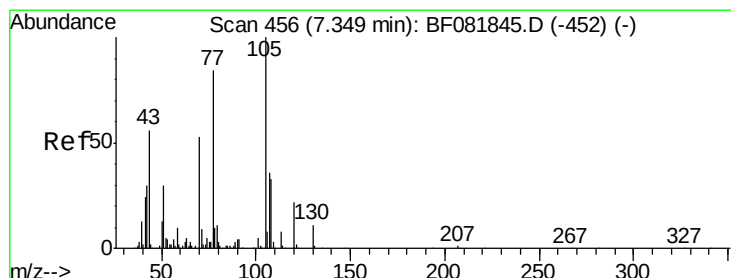
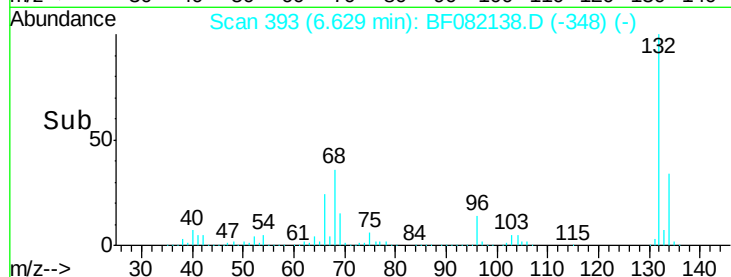
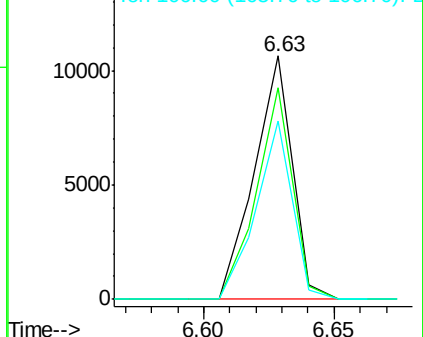
106 73.2 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 15.54 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Tgt Ion: 70 Resp: 54651

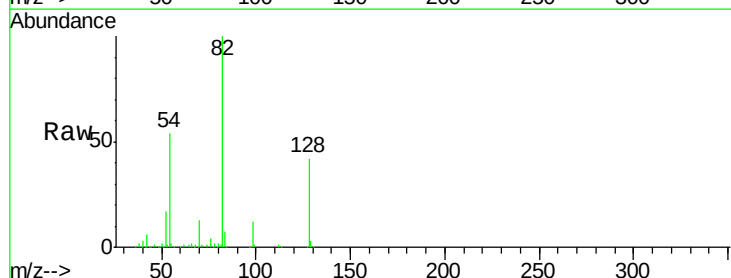
Ion Ratio Lower Upper

70 100

42 45.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

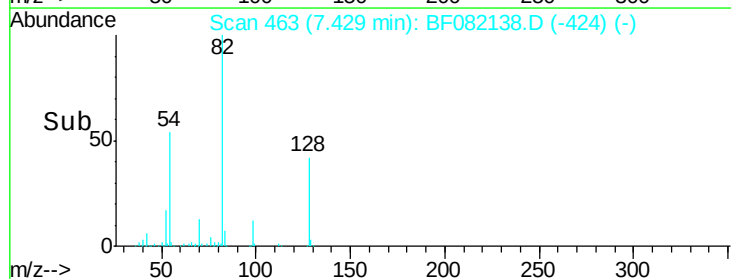
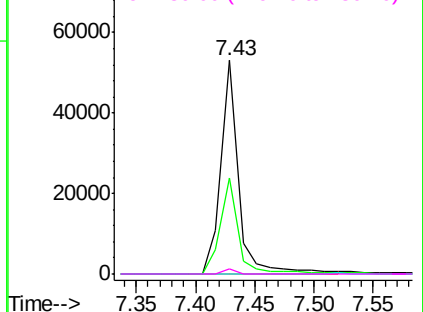


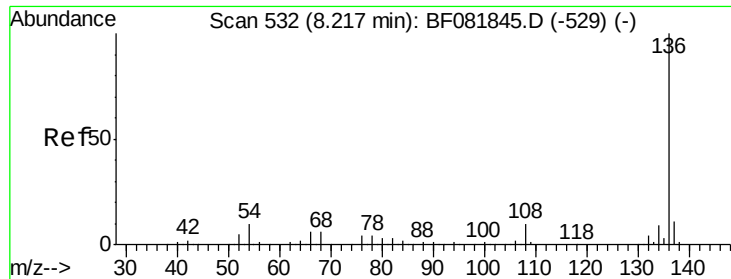
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

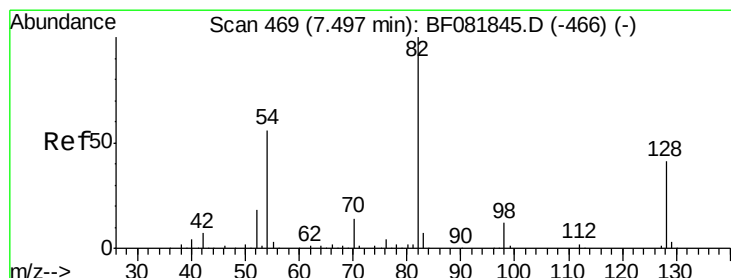
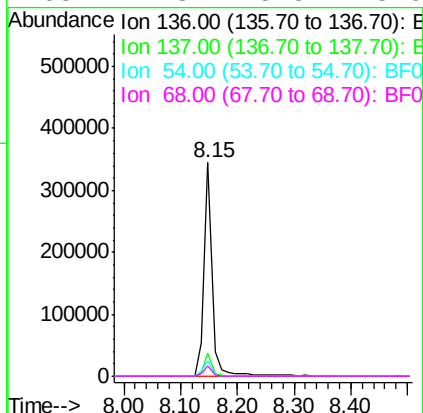
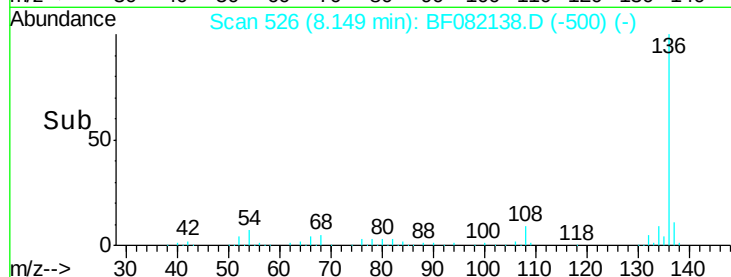
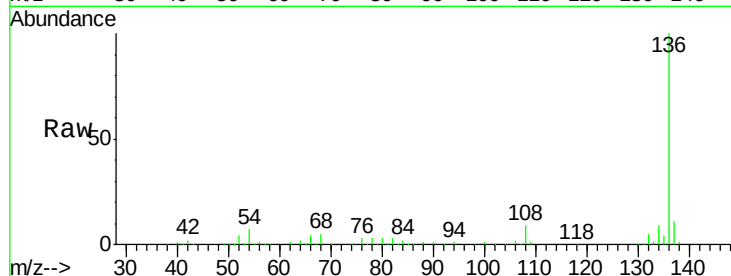




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082138.D
Acq: 8 Oct 2015 20:41

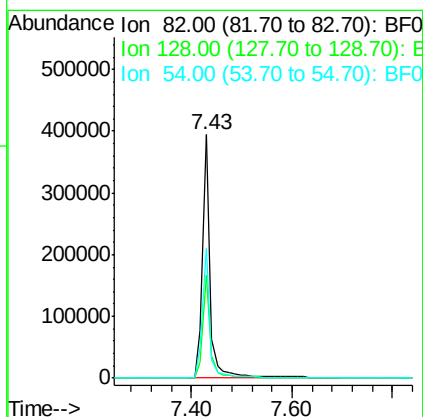
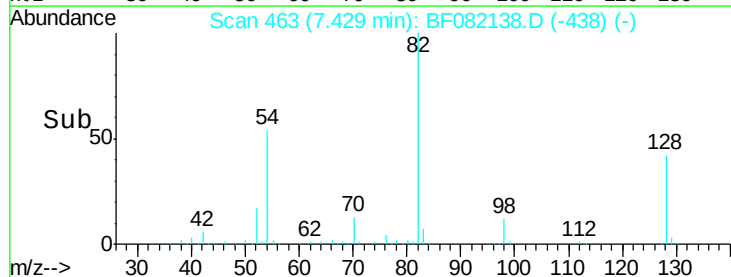
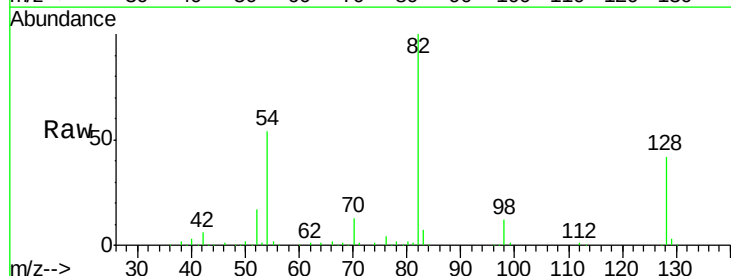
Instrument :
BNA_F
ClientSampleId :
MW-3

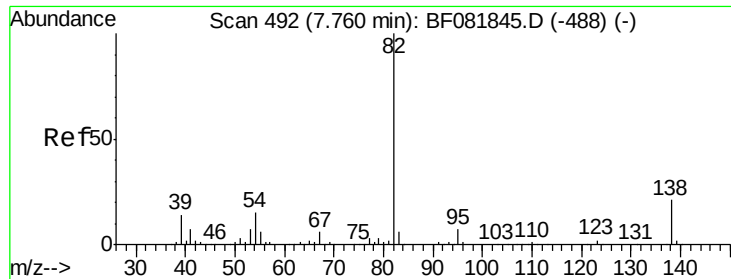
Tot Ion:	136	Resp:	333266
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.0	8.2	12.2#
68	4.8	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 85.76 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082138.D
Acq: 8 Oct 2015 20:41

Tgt Ion:	82	Resp:	428733
Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	53.5	47.5	71.3





#25

Isophorone

Concen: 37.26 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampled :

MW-3

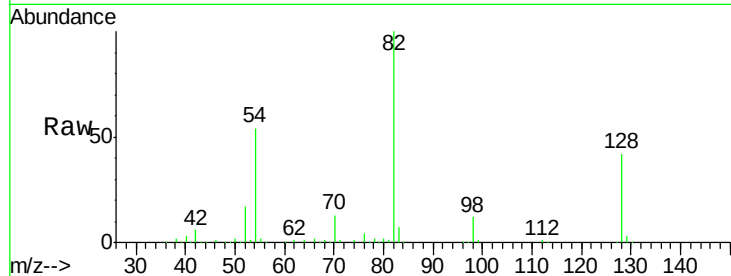
Tot Ion: 82 Resp: 369195

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

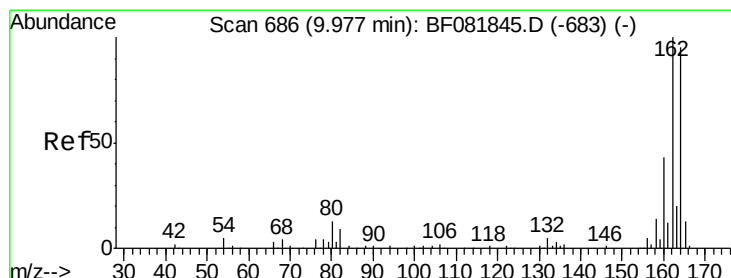
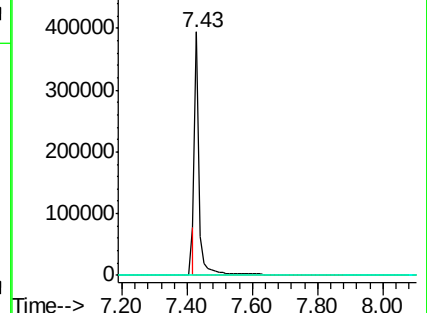
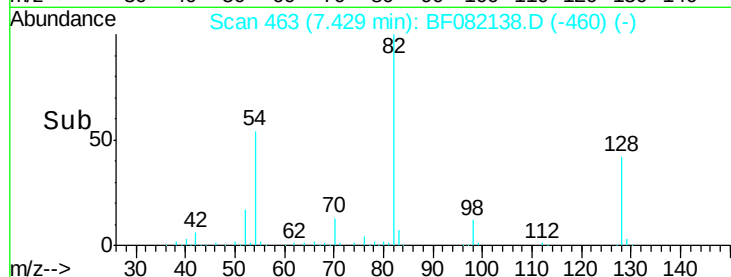
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

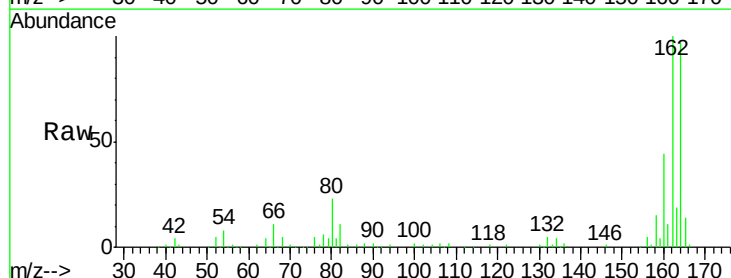
Tgt Ion:164 Resp: 157114

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

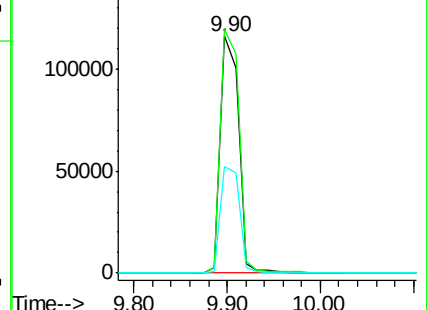
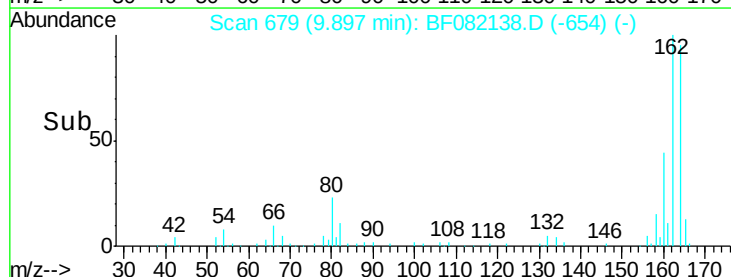
160 45.2 31.5 47.3

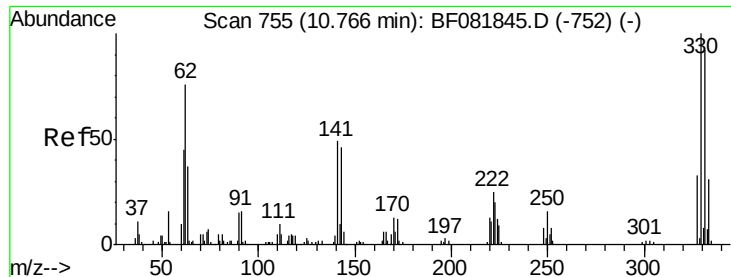


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

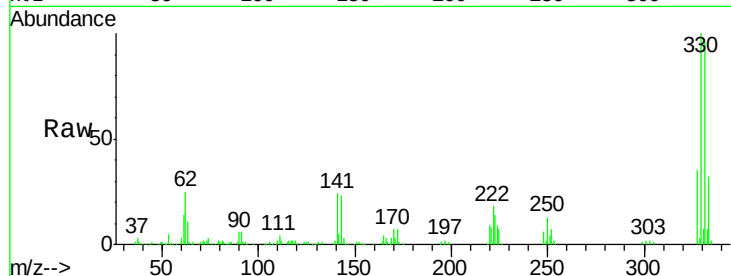




#41
 2,4,6-Tribromophenol
 Concen: 133.74 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	33.3	29.7	44.5

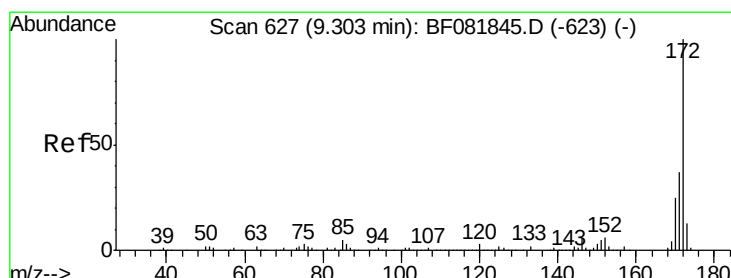
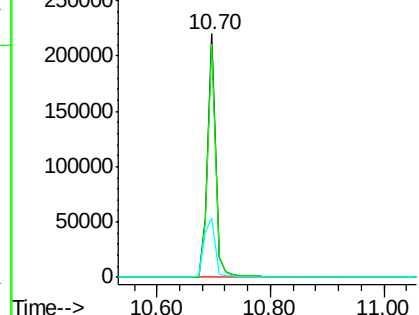
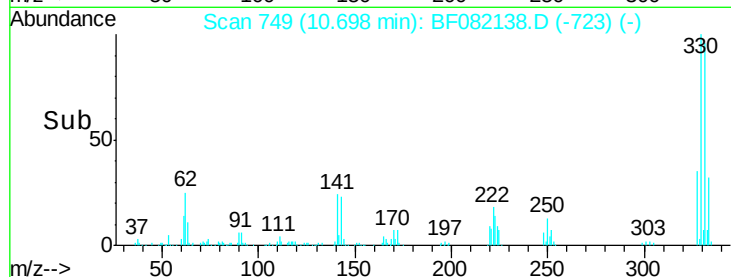


Abundance

Ion 329.80 (329.50 to 330.50): E

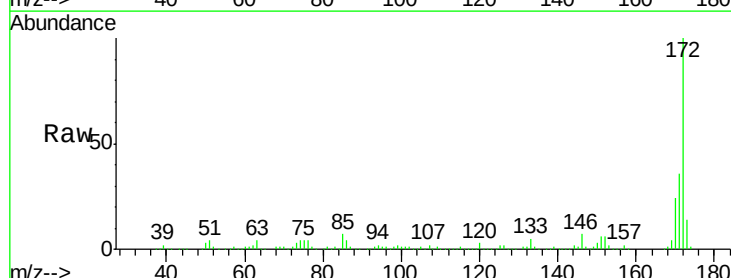
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.0	17.4	26.2

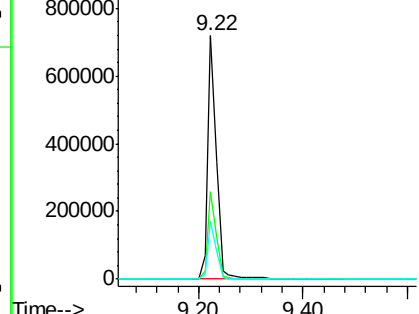
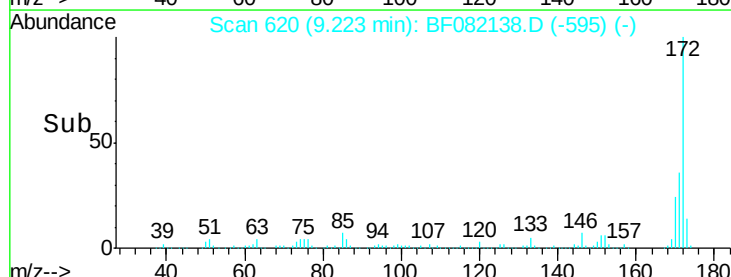


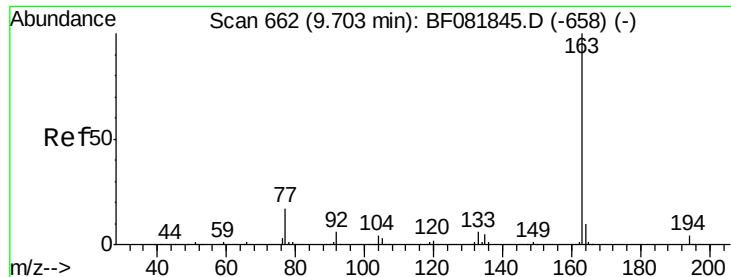
Abundance

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: 13.46 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-3

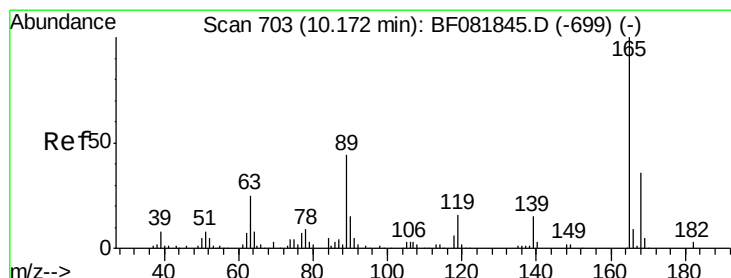
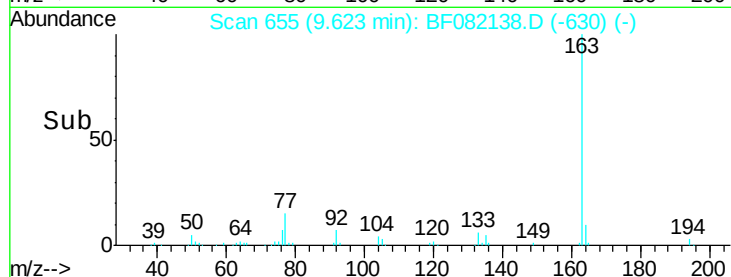
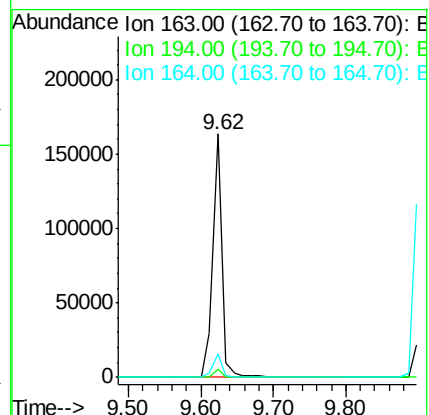
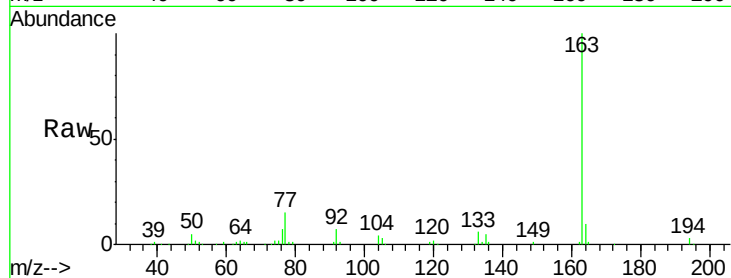
Tot Ion:163 Resp: 145925

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

164 9.6 8.3 12.5



#56

2,4-Dinitrotoluene

Concen: 6.75 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.21 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Tgt Ion:165 Resp: 20257

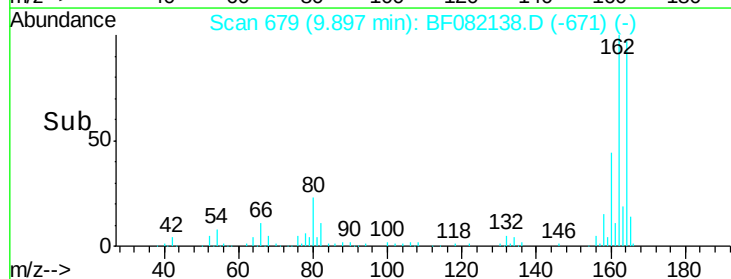
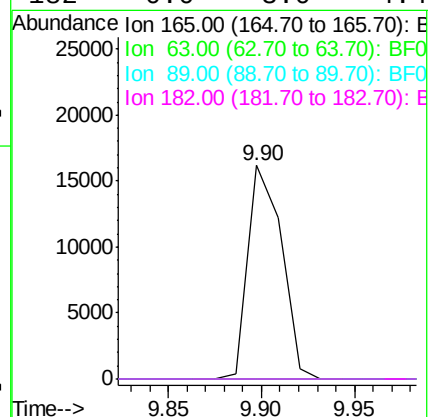
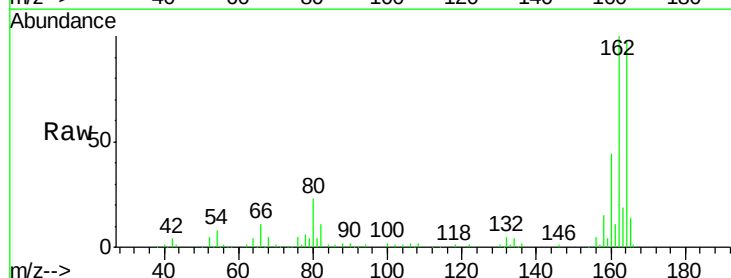
Ion Ratio Lower Upper

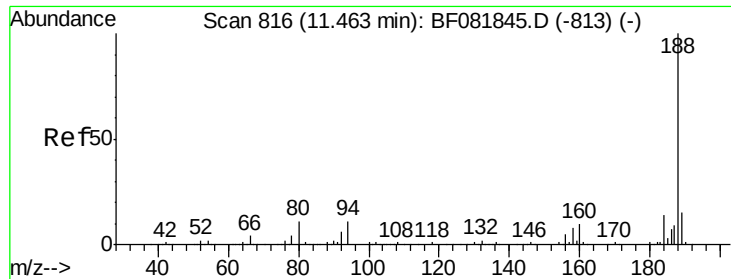
165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

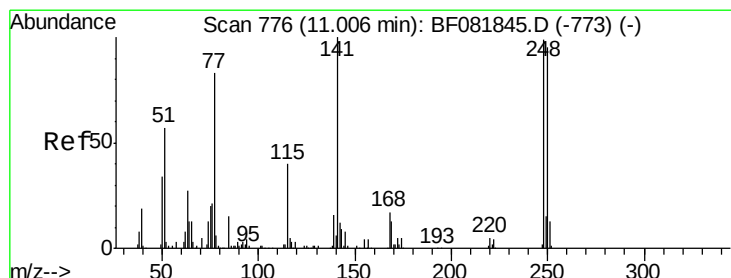
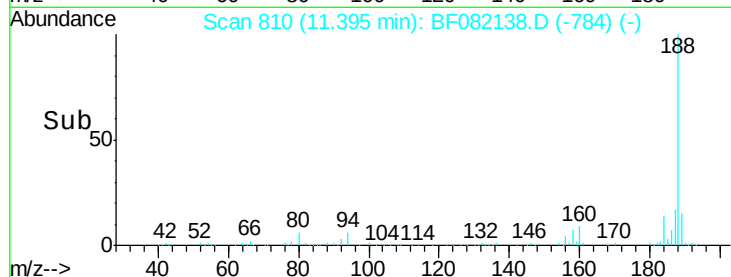
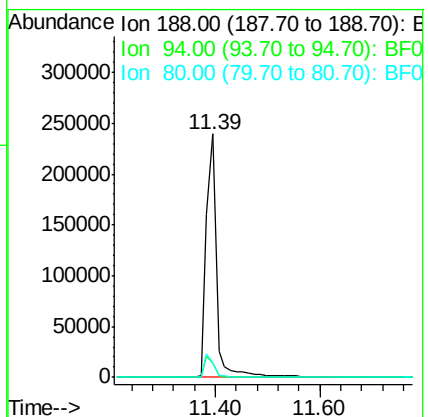
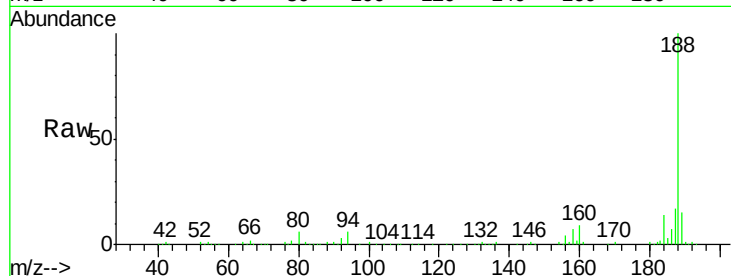




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

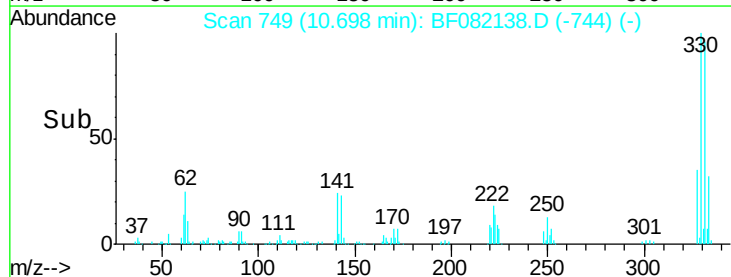
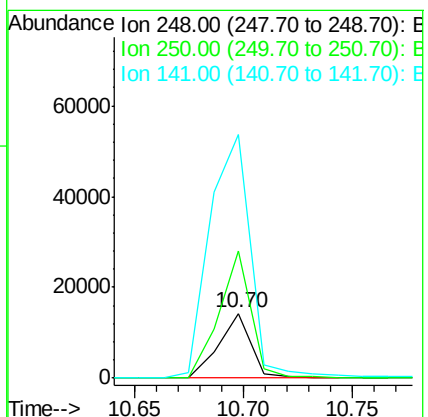
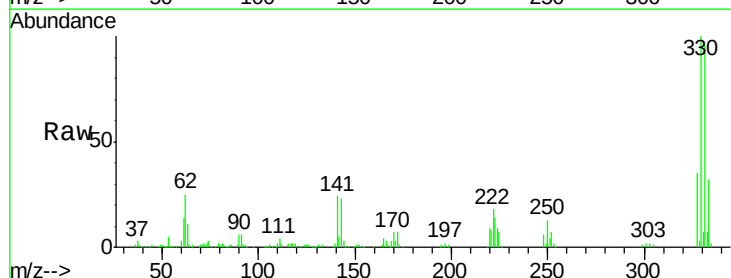
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

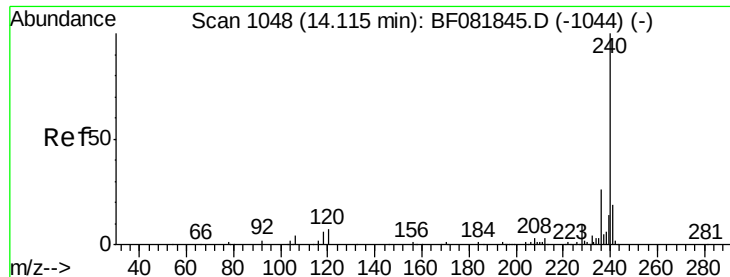
Tot Ion:188 Resp: 326870
 Ion Ratio Lower Upper
 188 100
 94 6.1 11.1 16.7#
 80 6.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.37 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Tgt Ion:248 Resp: 14399
 Ion Ratio Lower Upper
 248 100
 250 196.5 78.5 117.7#
 141 378.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-3

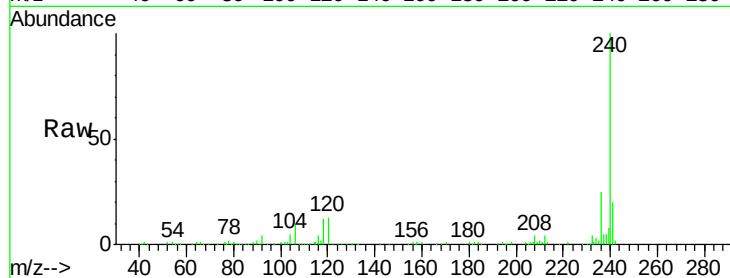
Tot Ion:240 Resp: 300856

Ion Ratio Lower Upper

240 100

120 13.2 16.2 24.2#

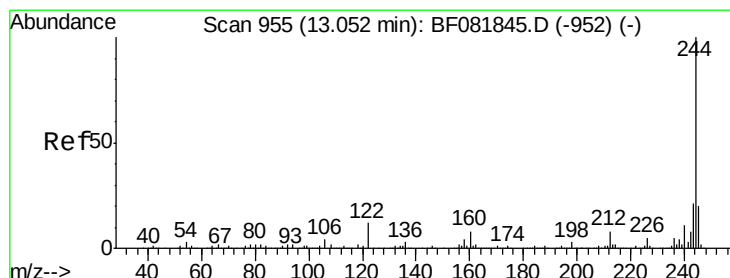
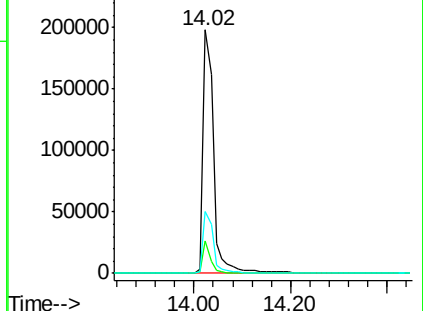
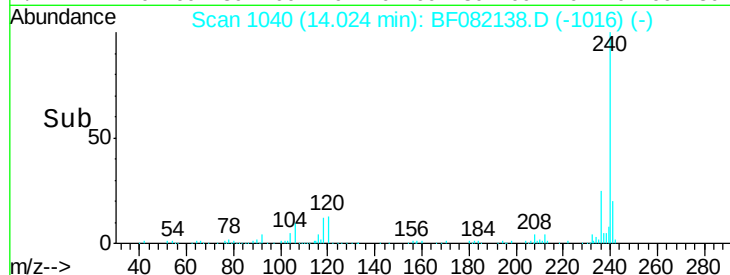
236 25.2 18.4 27.6



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: 123.29 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

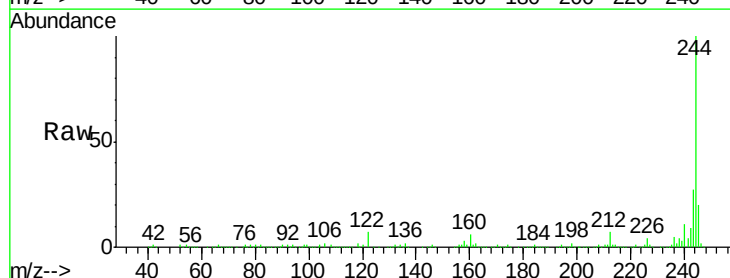
Tgt Ion:244 Resp: 1009748

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

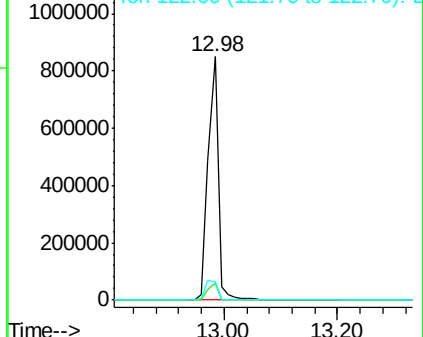
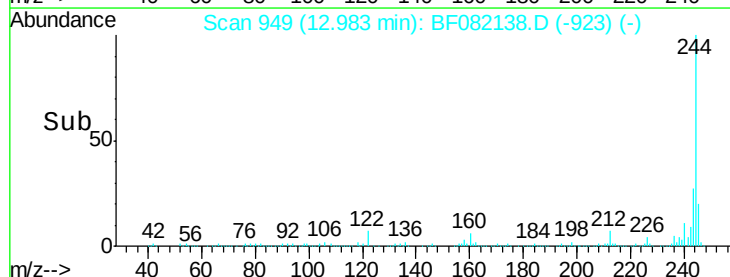
122 7.4 17.4 26.2#

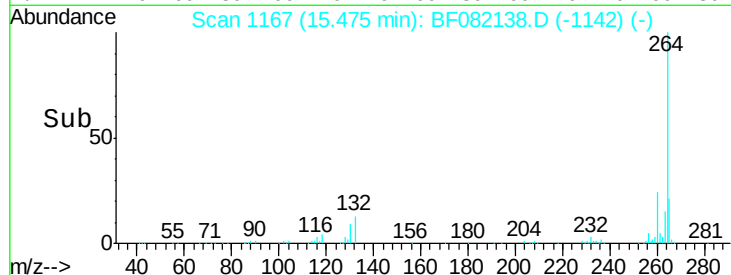
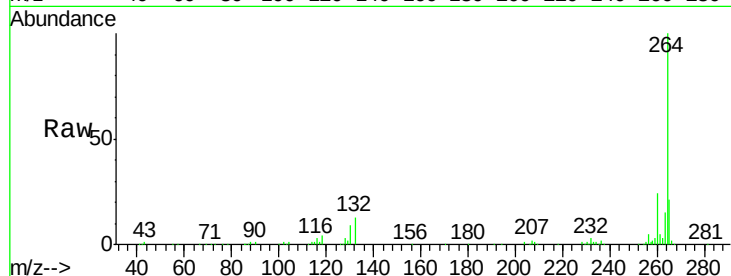
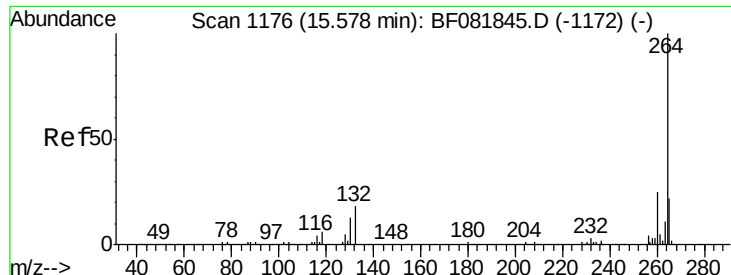


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:	264	Resp:	224024
Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.4	17.2	25.8

