

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077885.D
 Acq On : 21 Mar 2015 2:37
 Operator : TP/IZ
 Sample : G1575-03
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

Quant Time: Mar 21 03:35:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40229	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	167638	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	84776	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	170086	20.00	ng	0.00
75) Chrysene-d12	15.99	240	181763	20.00	ng	0.00
86) Perylene-d12	17.70	264	173360	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	147074	63.81	ng	0.00
7) Phenol-d6	6.70	99	119578	41.99	ng	0.00
23) Nitrobenzene-d5	7.82	82	231822	90.65	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	92094	113.54	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	510943	88.57	ng	0.00
78) Terphenyl-d14	14.71	244	605152	81.33	ng	0.00

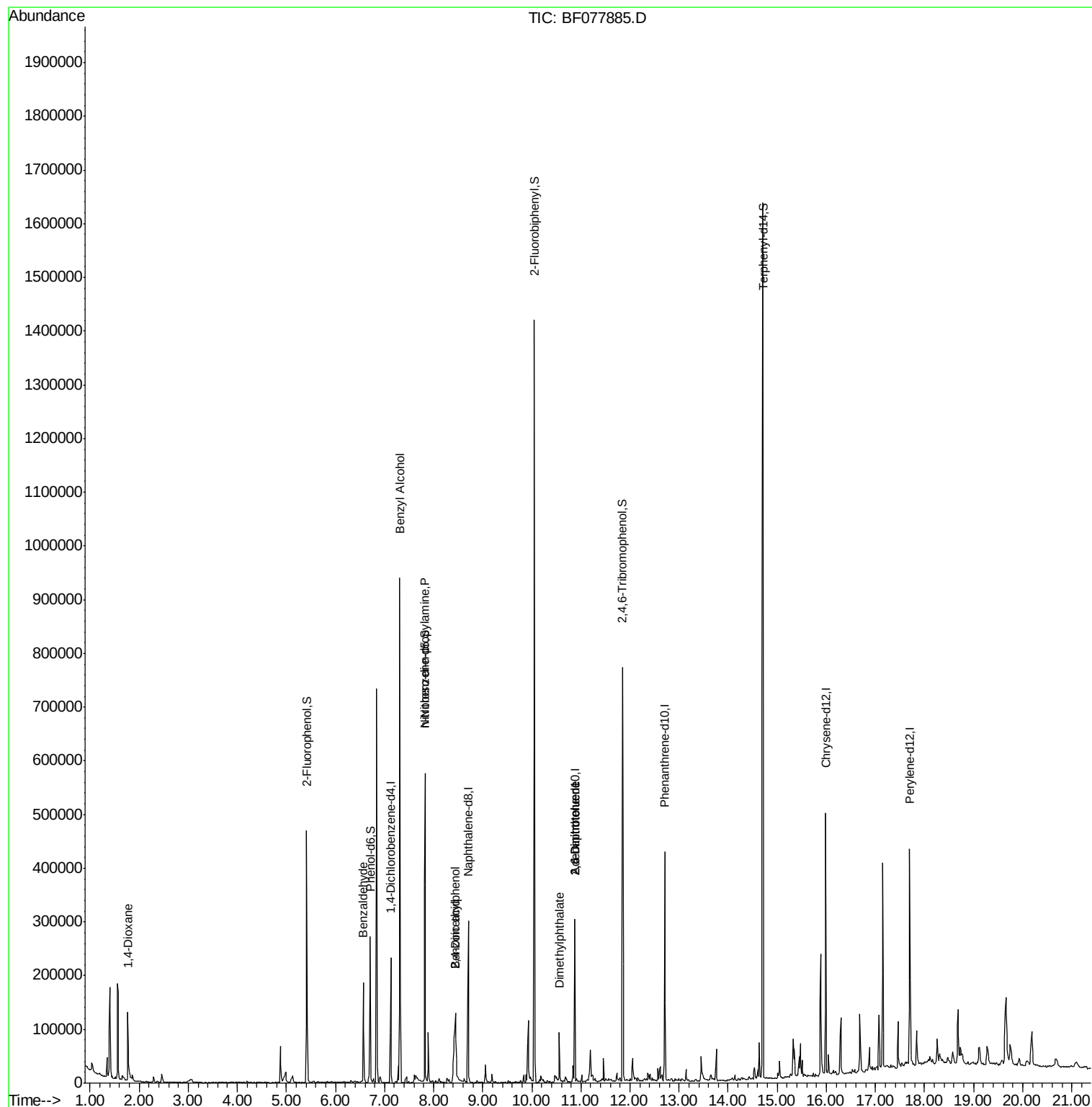
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	4728	4.52	ng	# 100
9) Benzaldehyde	6.57	77	44312	37.99	ng	99
15) Benzyl Alcohol	7.31	79	7973	3.59	ng	# 72
19) n-Nitroso-di-n-propylamine	7.82	70	30547	15.51	ng	# 73
27) 2,4-Dimethylphenol	8.44	122	71301	29.02	ng	# 6
32) Benzoic acid	8.44	122	73829	53.48	ng	97
49) Dimethylphthalate	10.56	163	36717	5.84	ng	100
50) 2,6-Dinitrotoluene	10.88	165	10875	8.34	ng	# 24
56) 2,4-Dinitrotoluene	10.88	165	10875	6.40	ng	# 11

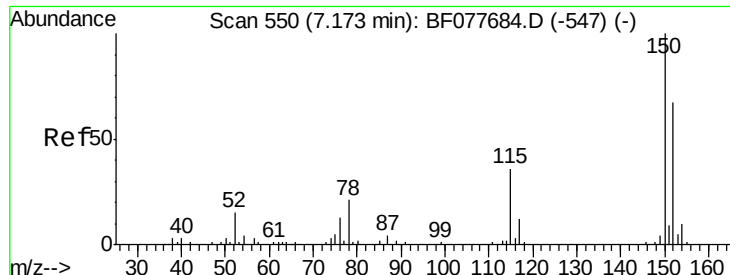
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampled :

MW-25V

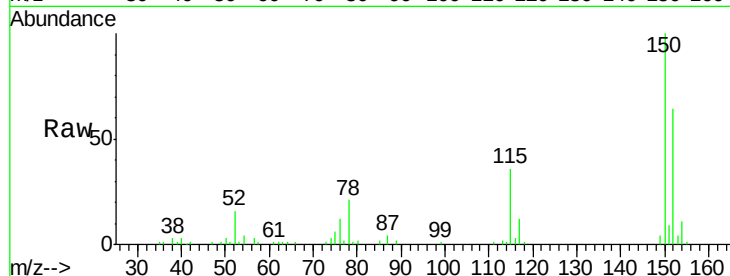
Tgt Ion:152 Resp: 40229

Ion Ratio Lower Upper

152 100

150 157.3 119.5 179.3

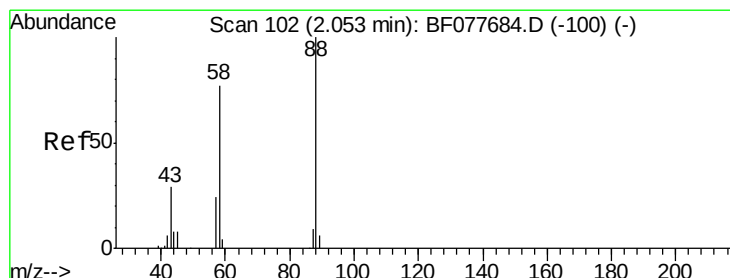
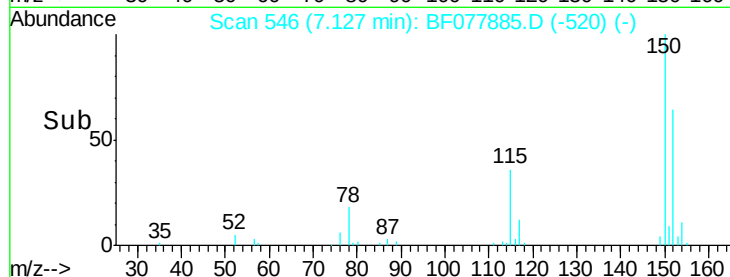
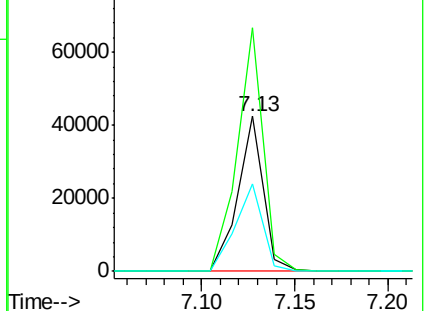
115 56.3 43.0 64.4



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: 4.52 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

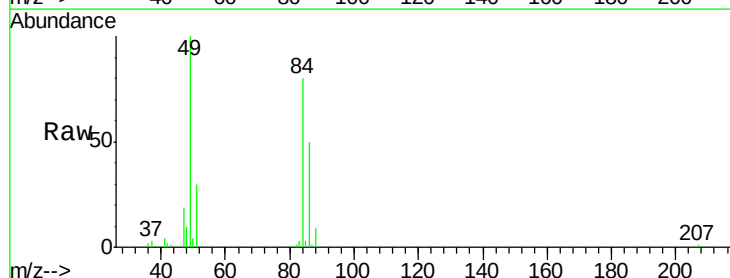
Tgt Ion: 88 Resp: 4728

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

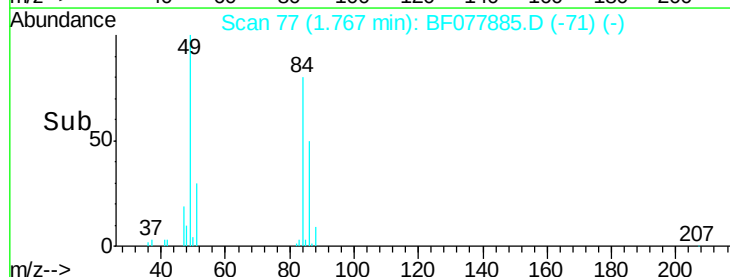
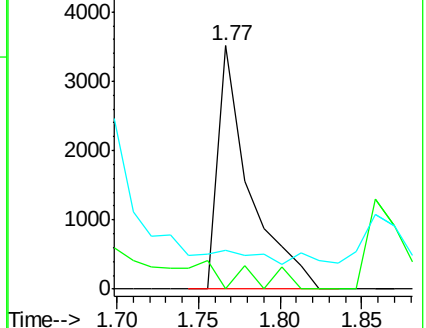
43 0.0 0.0 0.0

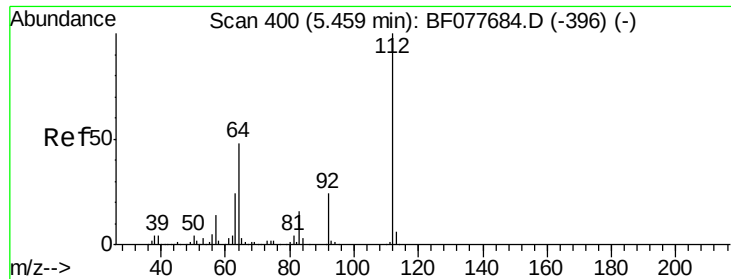


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 63.81 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

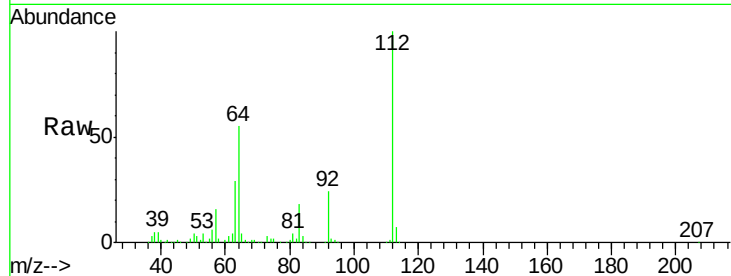
Tgt Ion: 112 Resp: 147074

Ion Ratio Lower Upper

112 100

64 54.9 38.6 57.8

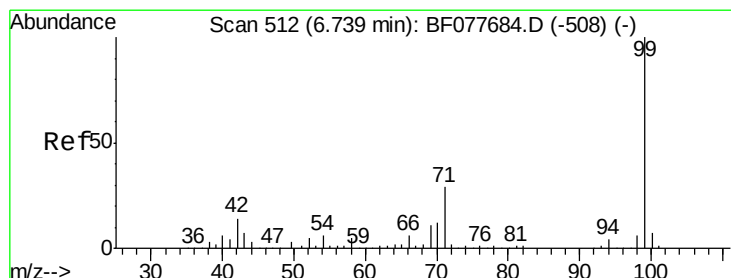
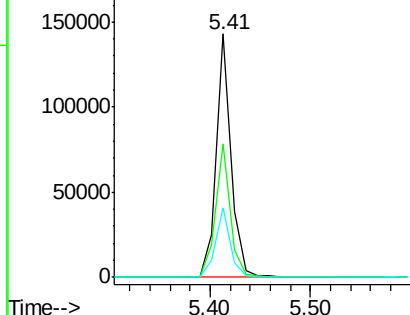
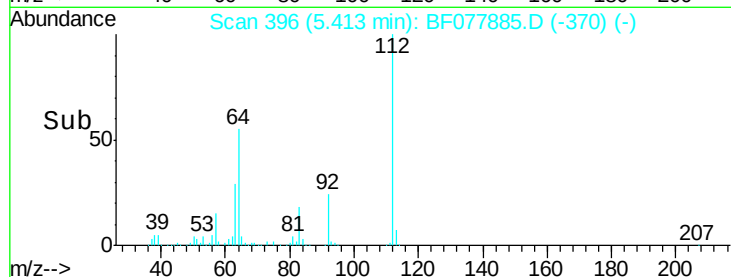
63 28.7 19.3 28.9



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: 41.99 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

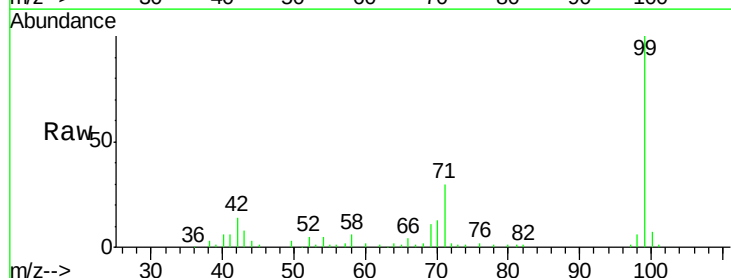
Tgt Ion: 99 Resp: 119578

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

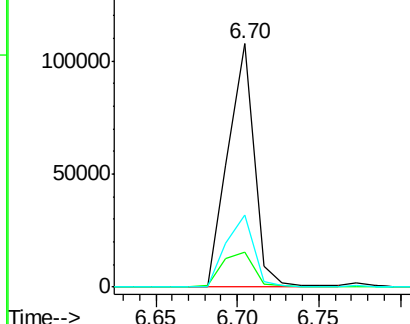
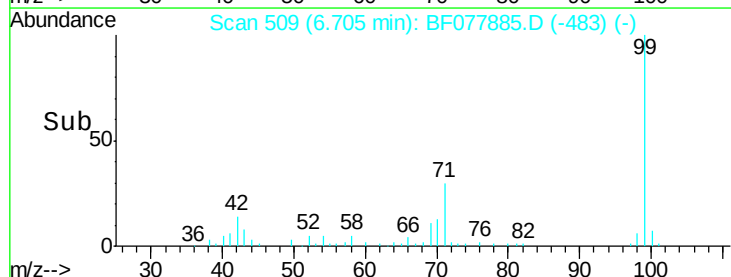
71 29.6 23.4 35.2

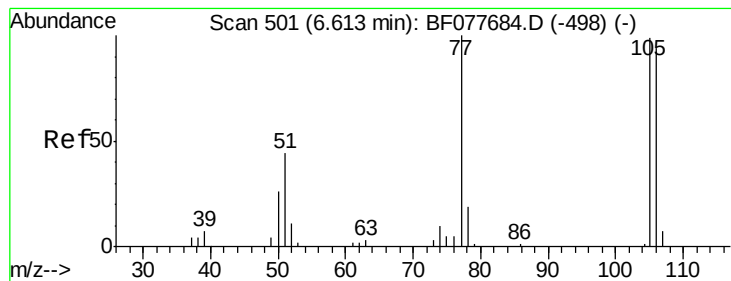


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 37.99 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

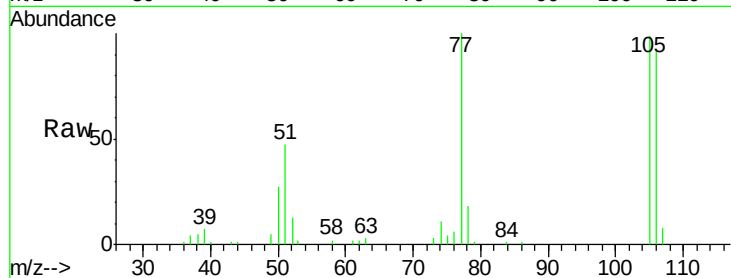
Tgt Ion: 77 Resp: 44312

Ion Ratio Lower Upper

77 100

105 98.8 78.8 118.8

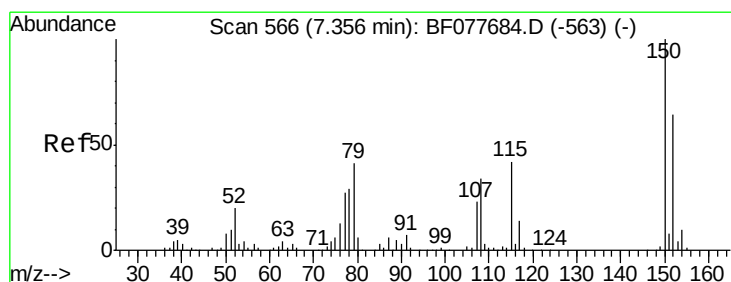
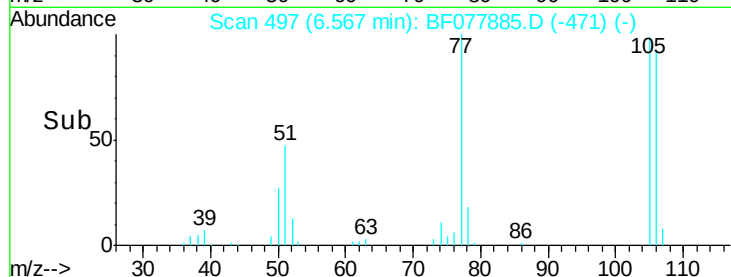
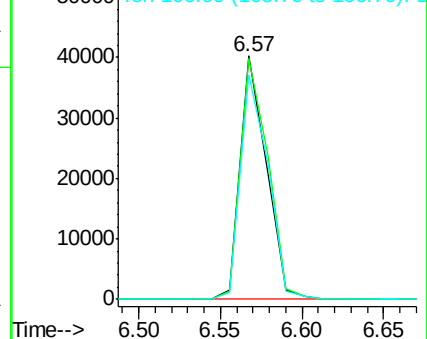
106 92.0 73.7 113.7



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



#15

Benzyl Alcohol

Concen: 3.59 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

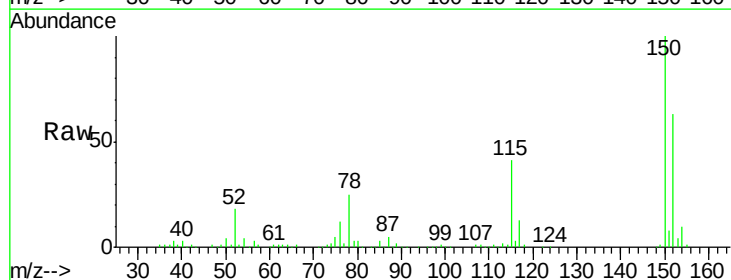
Tgt Ion: 79 Resp: 7973

Ion Ratio Lower Upper

79 100

108 51.2 65.0 97.4#

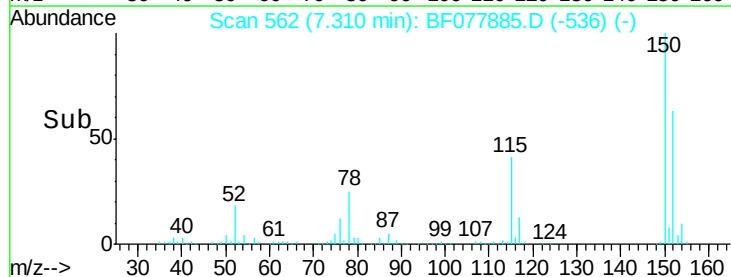
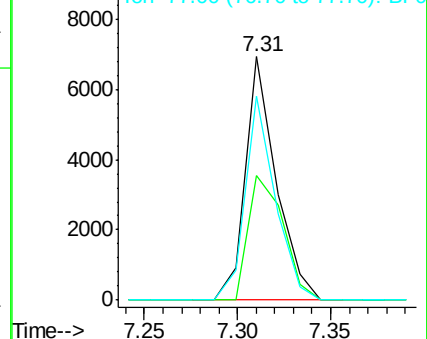
77 83.9 53.0 79.6#

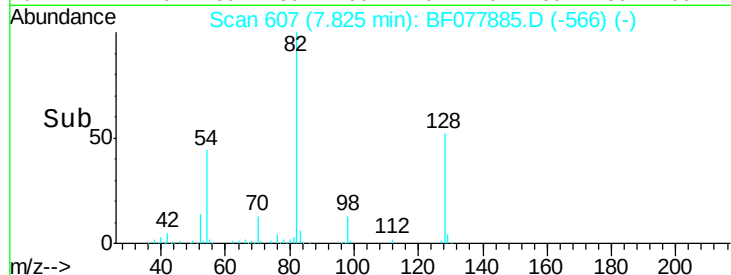
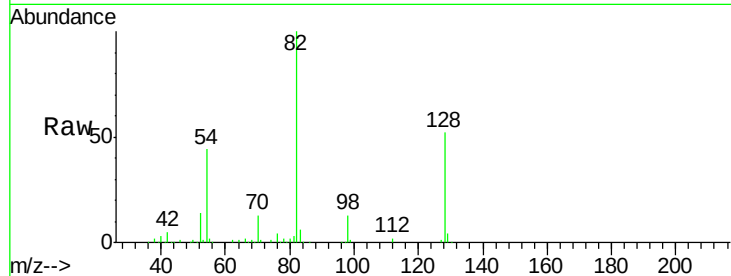
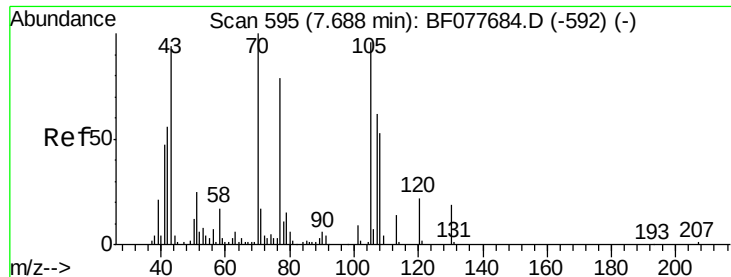


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

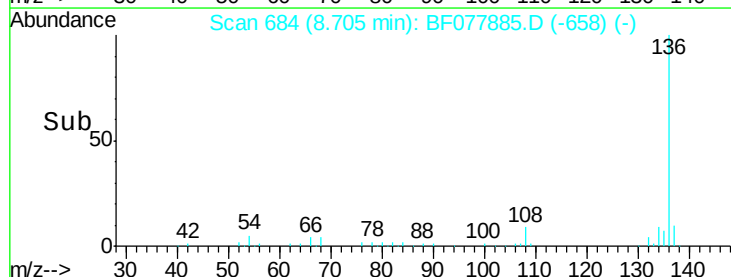
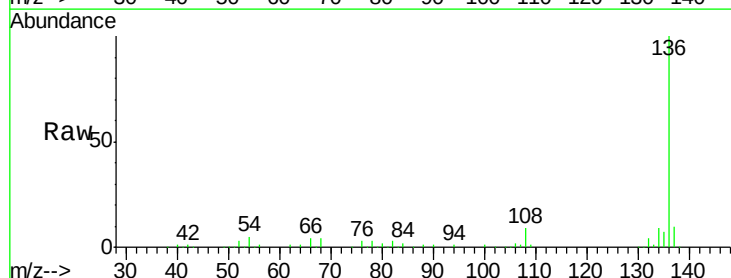
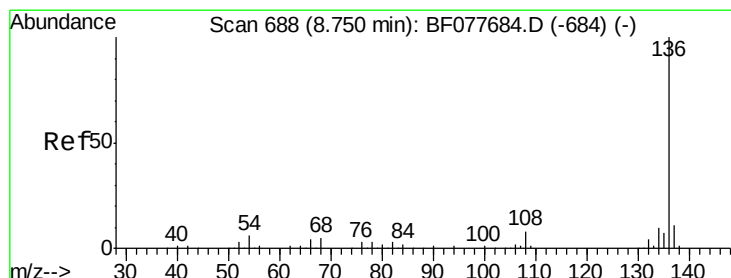
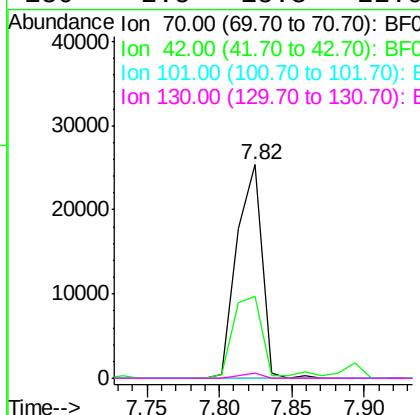




#19
n-Nitroso-di-n-propylamine
Concen: 15.51 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.17 min
Lab File: BF077885.D
Acq: 21 Mar 2015 2:37

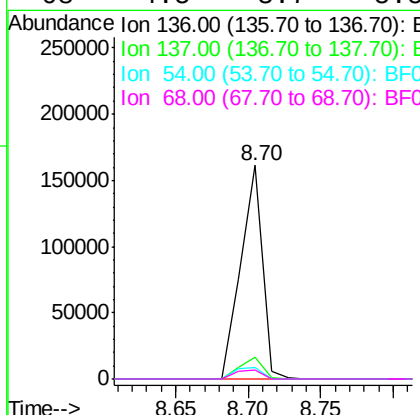
Instrument :
BNA_F
ClientSampleId :
MW-25V

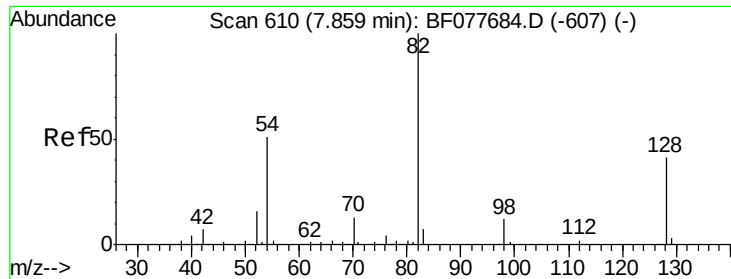
Tgt Ion: 70 Resp: 30547
Ion Ratio Lower Upper
70 100
42 38.4 44.5 66.7#
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077885.D
Acq: 21 Mar 2015 2:37

Tgt Ion: 136 Resp: 167638
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 5.4 4.6 6.8
68 4.5 3.7 5.5

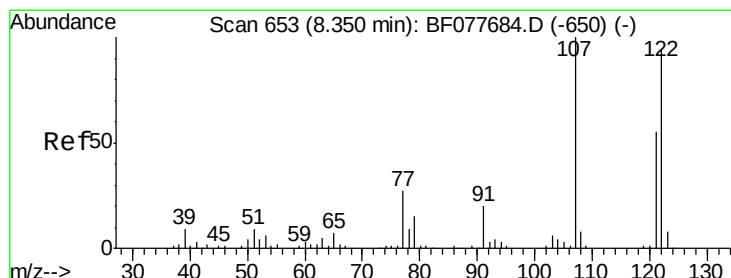
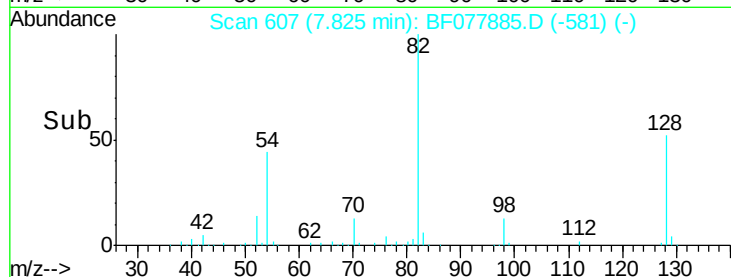
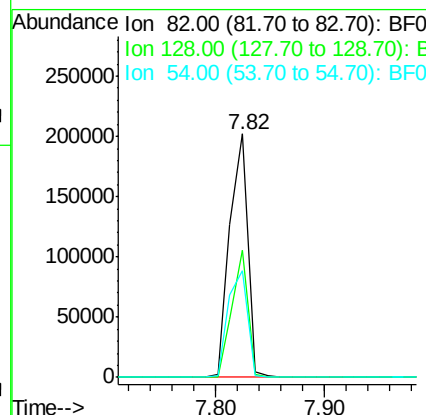
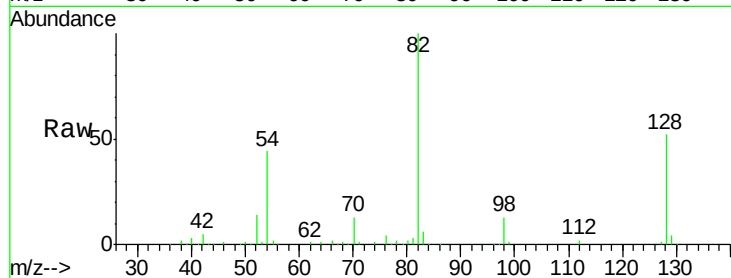




#23
 Nitrobenzene-d5
 Concen: 90.65 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

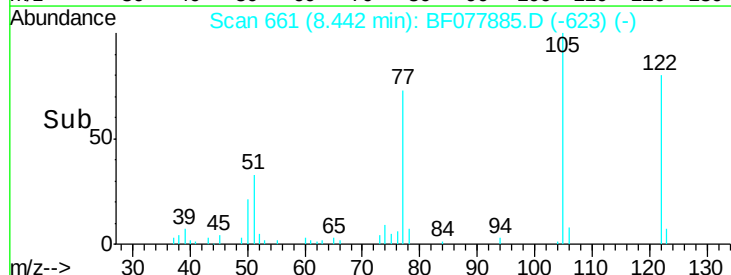
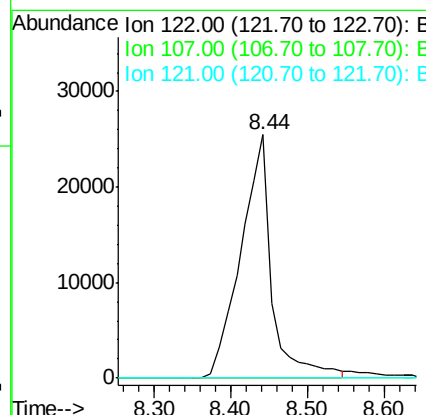
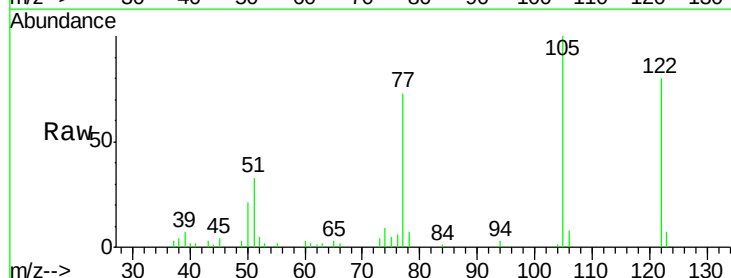
Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

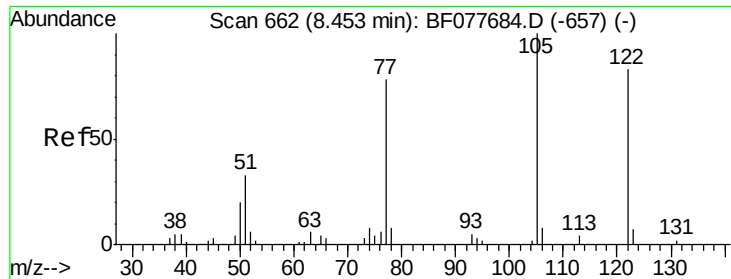
Tgt Ion: 82 Resp: 231822
 Ion Ratio Lower Upper
 82 100
 128 52.2 32.8 49.2#
 54 43.8 40.6 60.8



#27
 2,4-Dimethylphenol
 Concen: 29.02 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.14 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Tgt Ion: 122 Resp: 71301
 Ion Ratio Lower Upper
 122 100
 107 0.0 84.7 127.1#
 121 0.0 46.6 69.8#





#32

Benzoic acid

Concen: 53.48 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.02 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

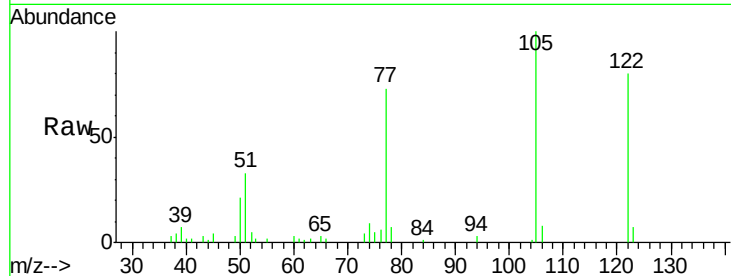
Tgt Ion:122 Resp: 73829

Ion Ratio Lower Upper

122 100

105 124.4 99.9 139.9

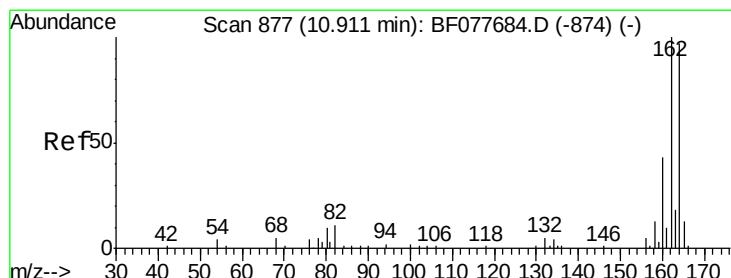
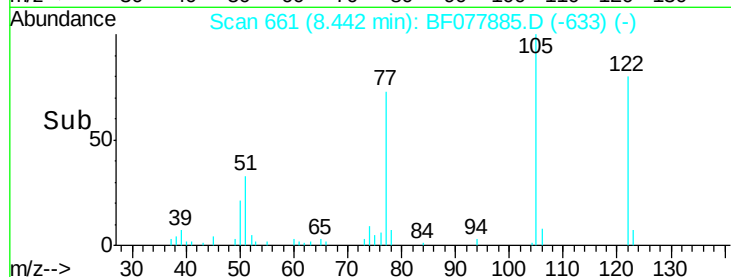
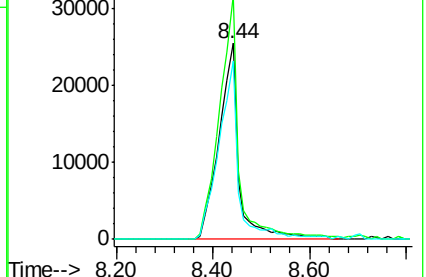
77 91.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

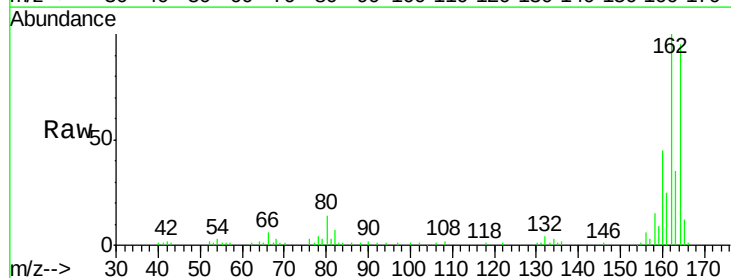
Tgt Ion:164 Resp: 84776

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

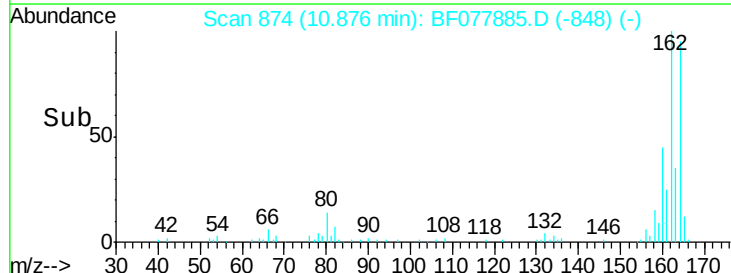
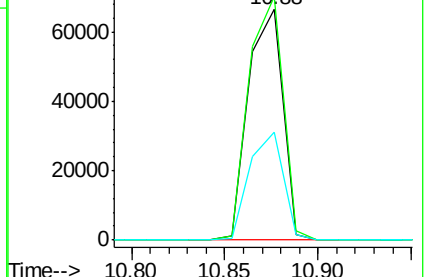
160 47.0 35.8 53.6

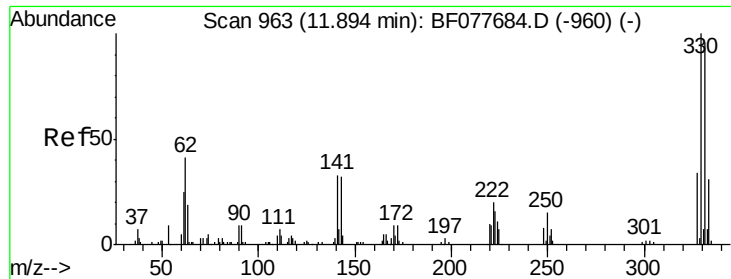


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

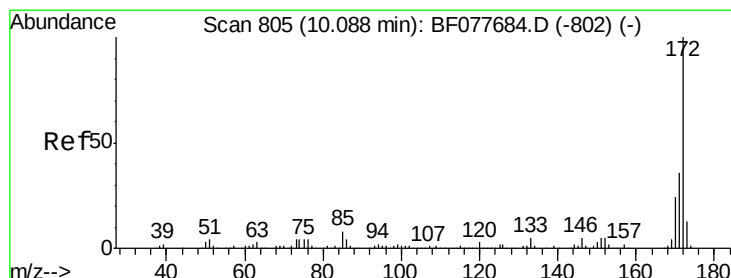
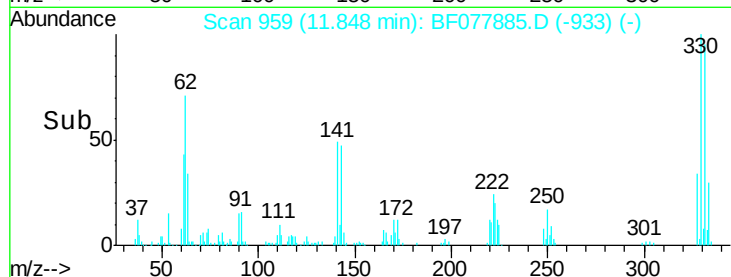
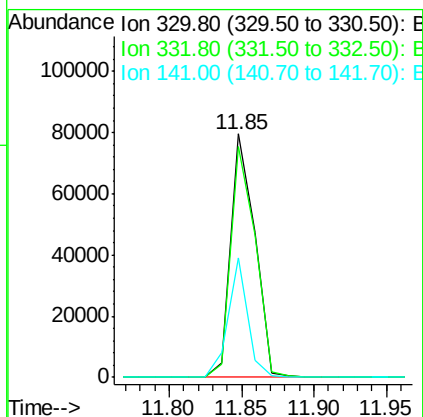
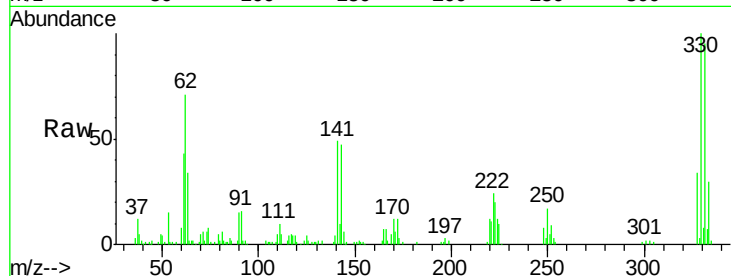




#41
 2,4,6-Tribromophenol
 Concen: 113.54 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

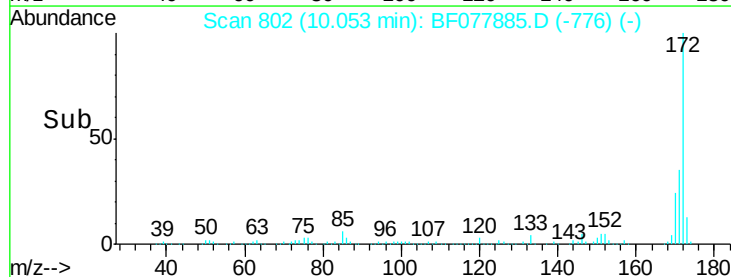
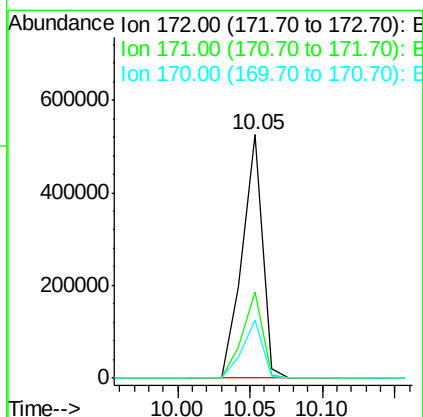
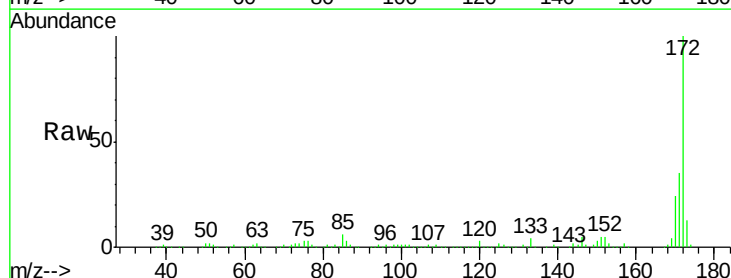
Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

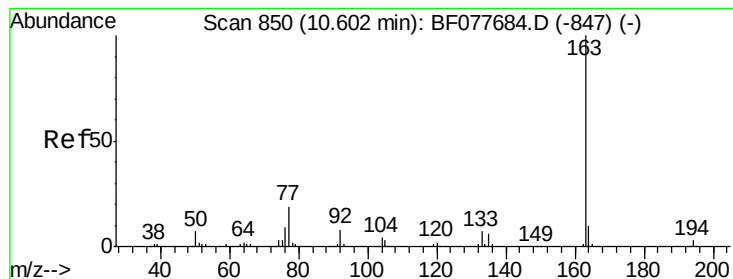
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	39.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.57 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.7	18.8	28.2





#49

Dimethylphthalate

Concen: 5.84 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

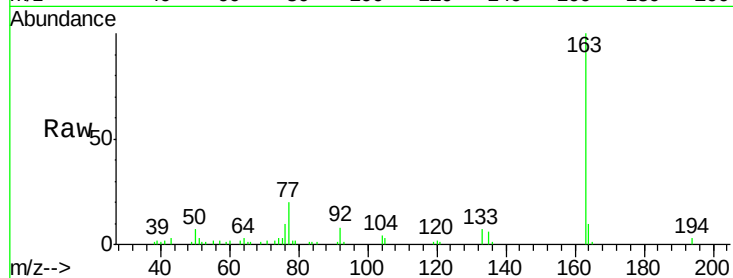
Tgt Ion:163 Resp: 36717

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

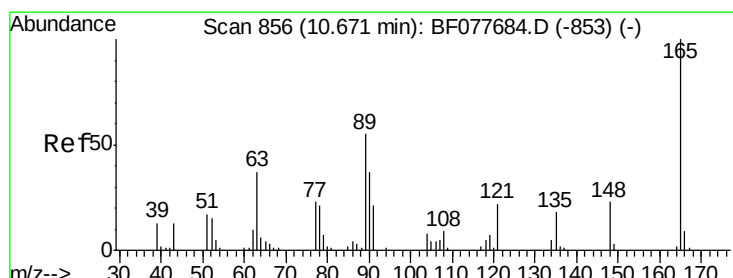
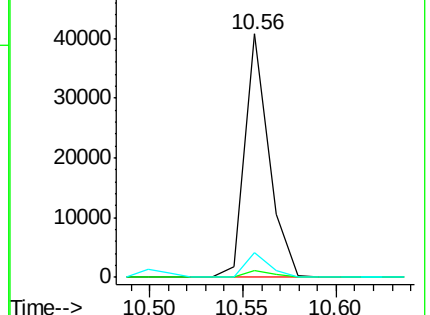
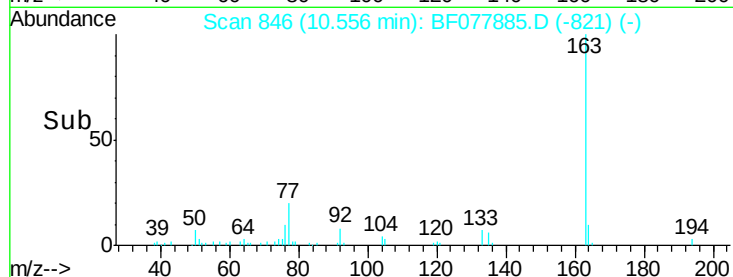
164 10.2 8.2 12.2



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: 8.34 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.24 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

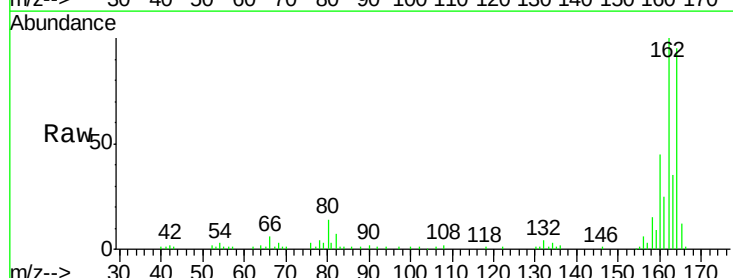
Tgt Ion:165 Resp: 10875

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

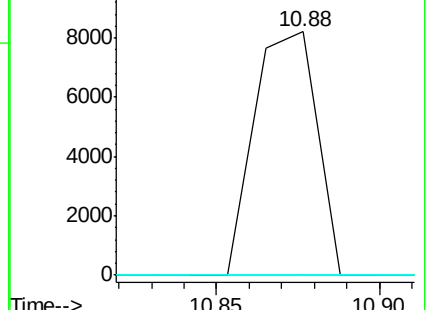
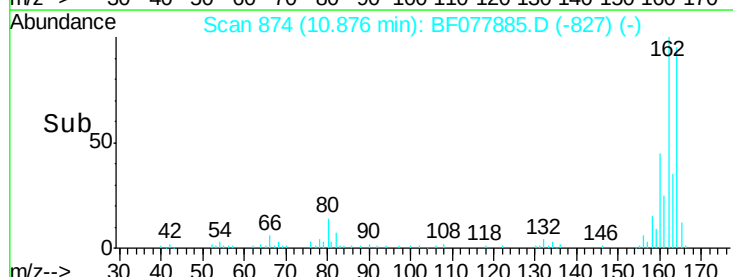
89 0.0 44.3 66.5#

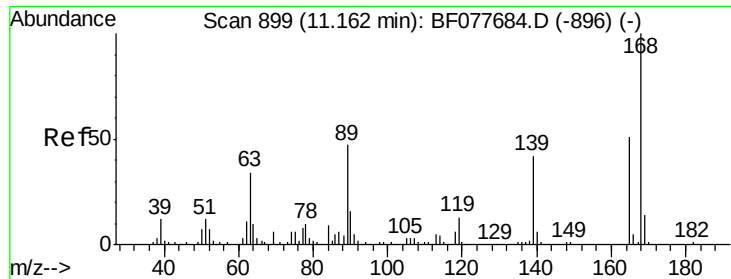


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

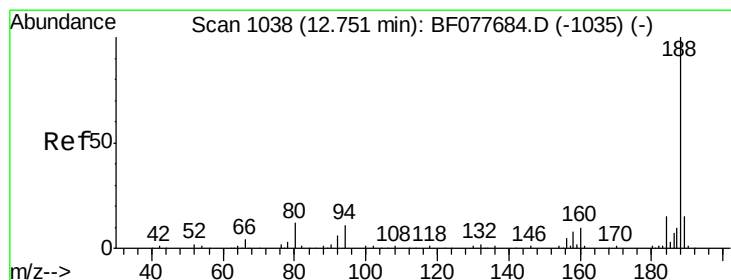
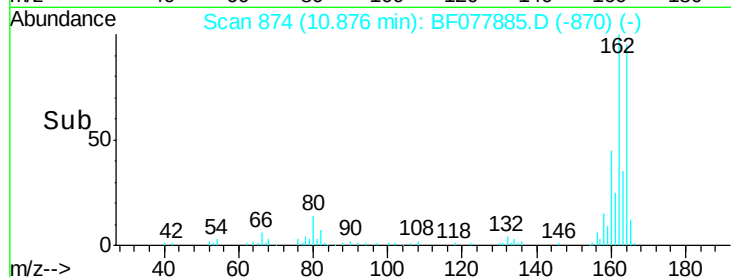
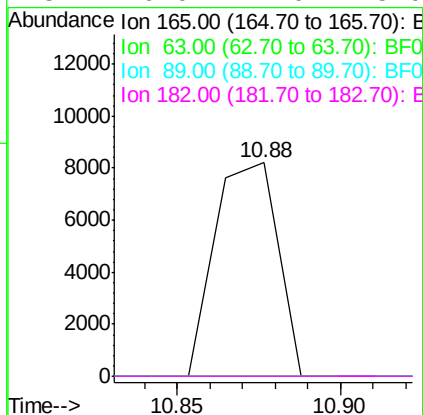
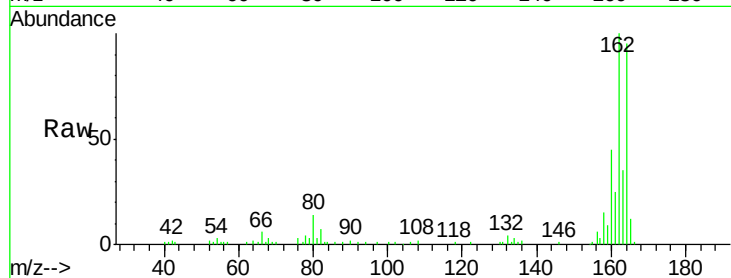




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.25 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

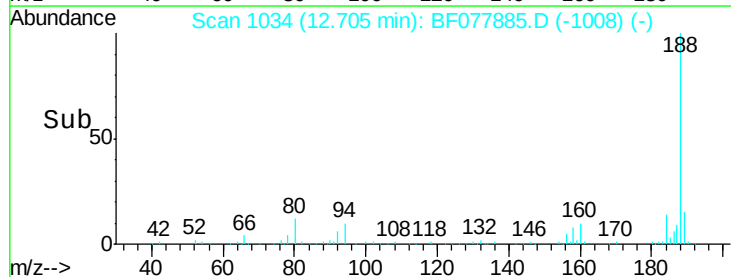
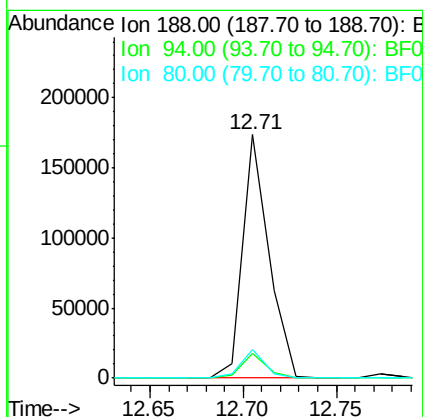
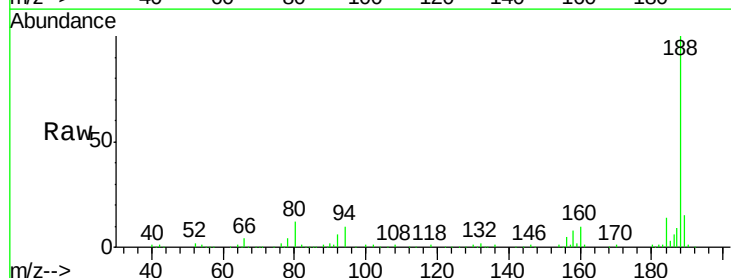
Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

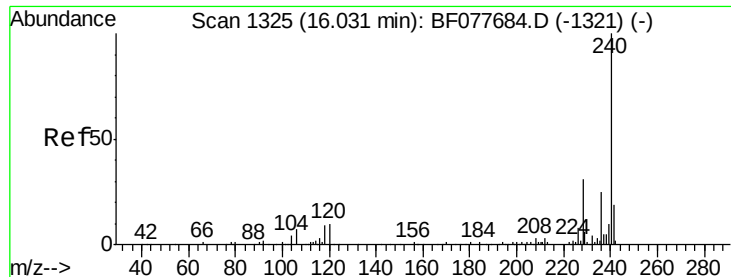
Tgt Ion:165 Resp: 10875
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Tgt Ion:188 Resp: 170086
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.7 13.1
 80 11.6 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

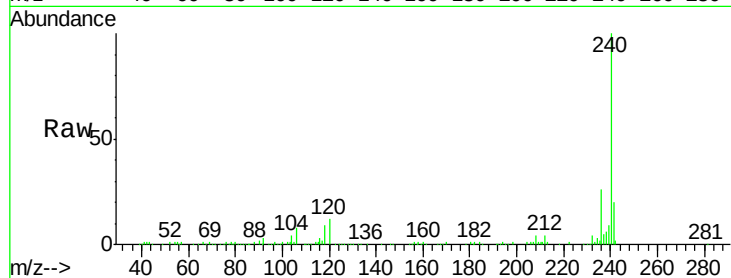
Tgt Ion:240 Resp: 181763

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

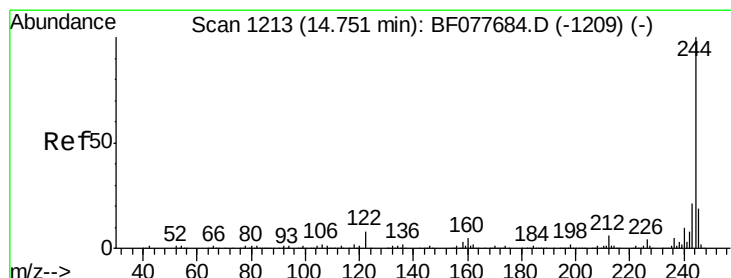
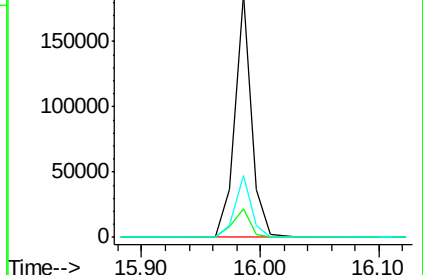
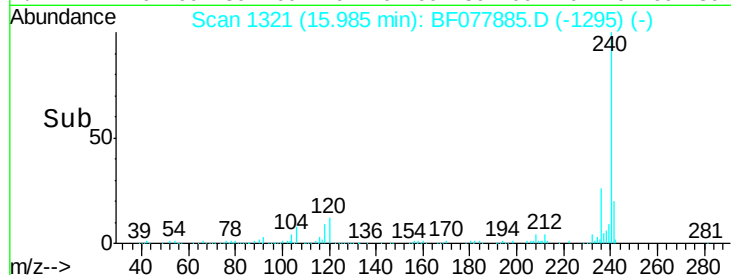
236 25.6 20.0 30.0



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: 81.33 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

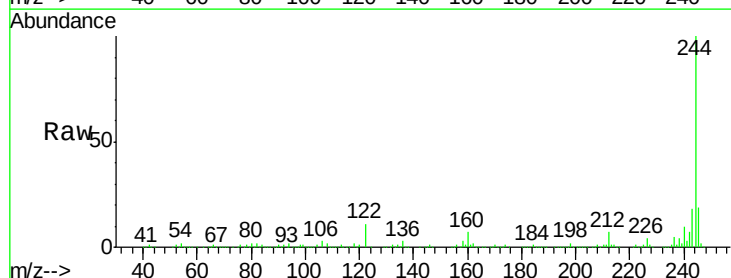
Tgt Ion:244 Resp: 605152

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

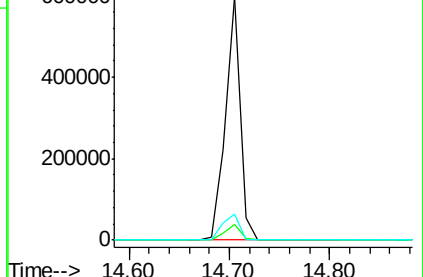
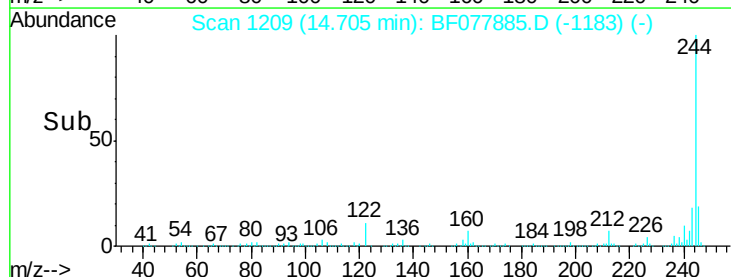
122 10.7 6.2 9.4#

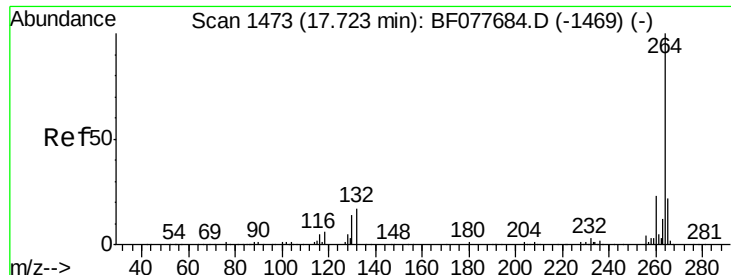


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

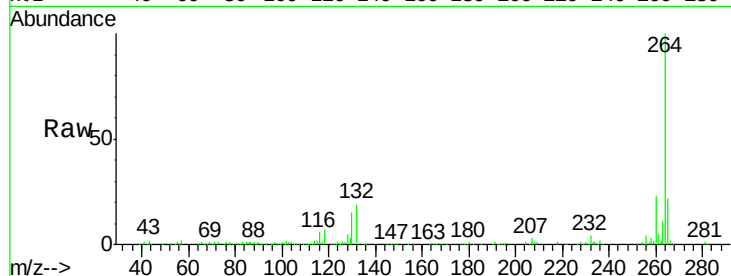




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF077885.D
Acq: 21 Mar 2015 2:37

Instrument :
BNA_F
ClientSampleId :
MW-25V

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.8	17.3	25.9



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

