

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077897.D
 Acq On : 23 Mar 2015 16:31
 Operator : TP/IZ
 Sample : G1547-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615RE

Quant Time: Mar 24 01:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

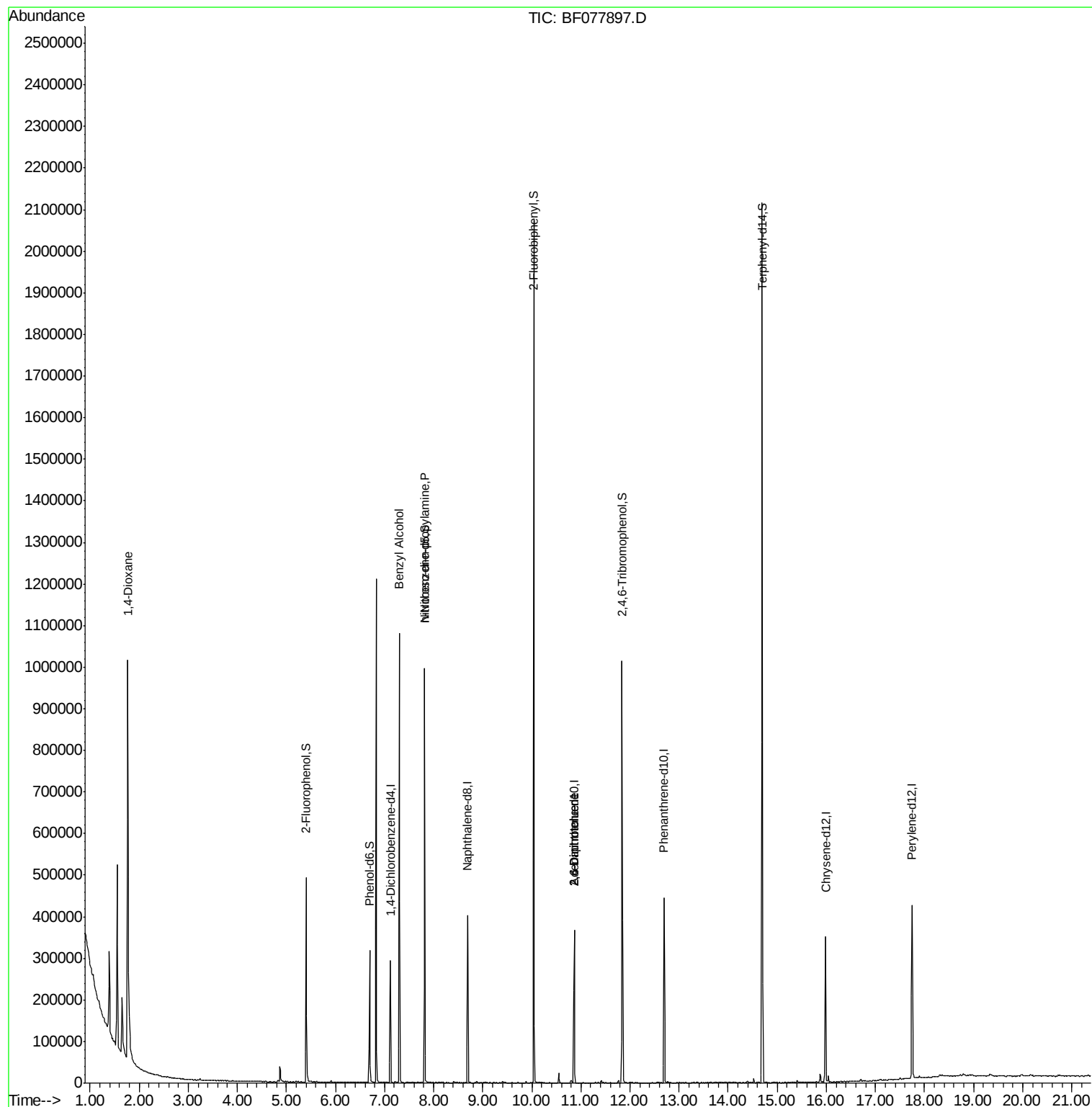
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45616	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	187442	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	93417	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	182207	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	199812	20.00	ng	-0.02
86) Perylene-d12	17.75	264	197551	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	158752	60.75	ng	0.00
7) Phenol-d6	6.69	99	119124	36.89	ng	0.00
23) Nitrobenzene-d5	7.81	82	313502	109.64	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	127076	142.18	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	657590	103.45	ng	0.00
78) Terphenyl-d14	14.69	244	770285	94.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	43312	36.50	ng	# 100
15) Benzyl Alcohol	7.30	79	5357	2.13	ng	# 48
19) n-Nitroso-di-n-propylamine	7.81	70	40089	17.95	ng	# 78
50) 2,6-Dinitrotoluene	10.86	165	12134	8.45	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	12135	6.48	ng	# 11

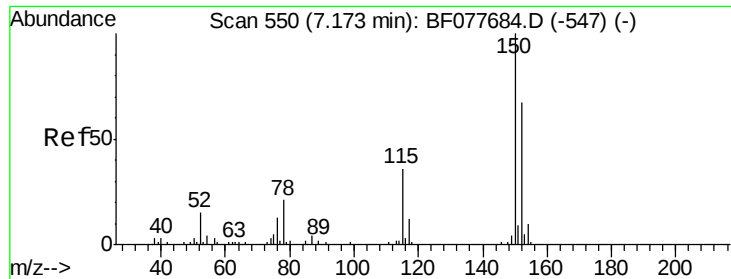
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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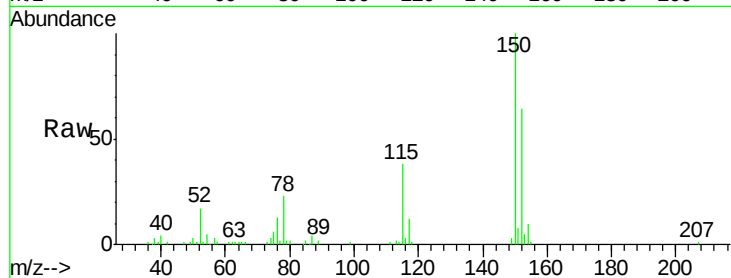


#1

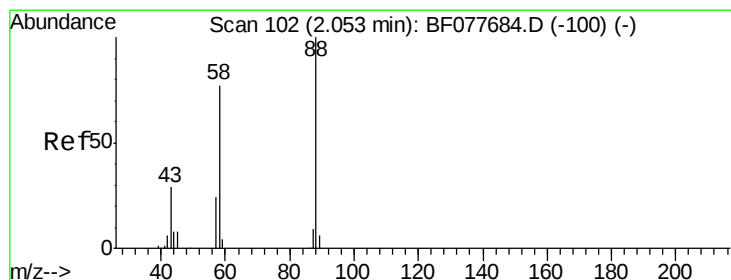
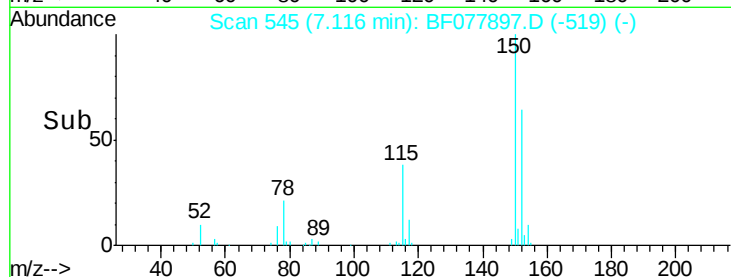
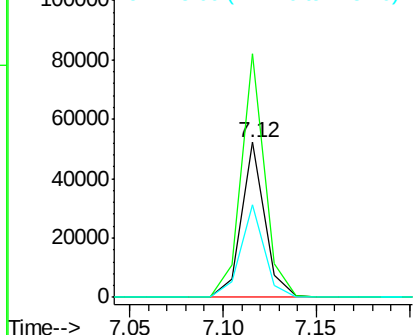
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077897.D
Acq: 23 Mar 2015 16:31

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615RE

Tgt Ion:152 Resp: 45616
Ion Ratio Lower Upper
152 100
150 156.8 119.5 179.3
115 59.7 43.0 64.4



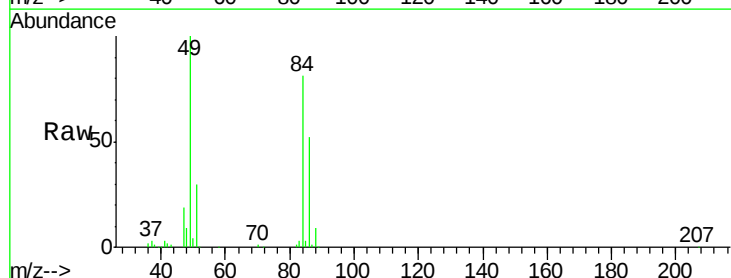
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



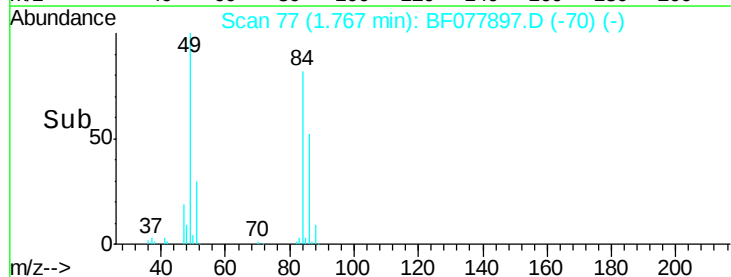
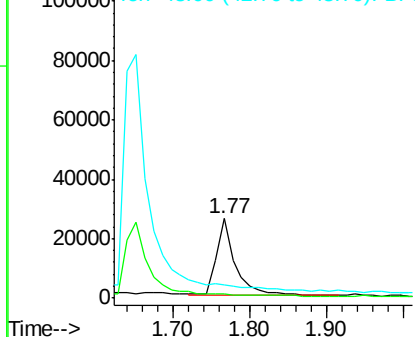
#2

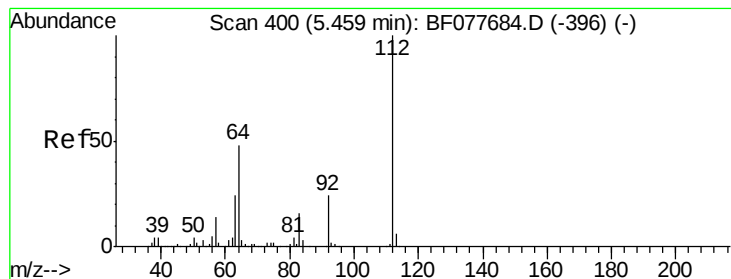
1,4-Dioxane
Concen: 36.50 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077897.D
Acq: 23 Mar 2015 16:31

Tgt Ion: 88 Resp: 43312
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: 60.75 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615RE

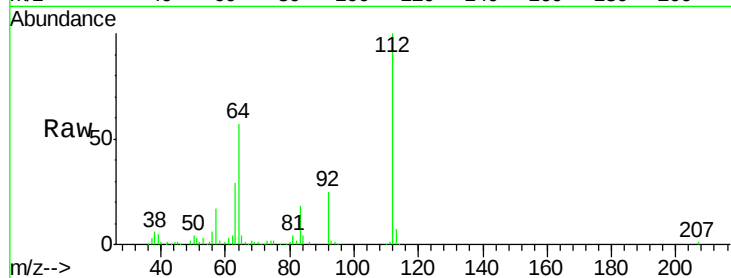
Tgt Ion: 112 Resp: 158752

Ion Ratio Lower Upper

112 100

64 56.5 38.6 57.8

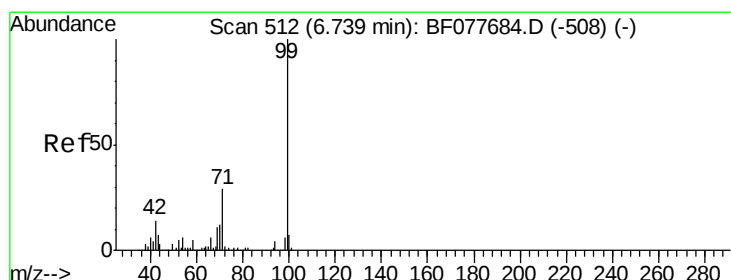
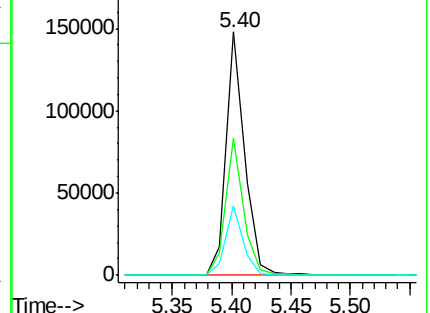
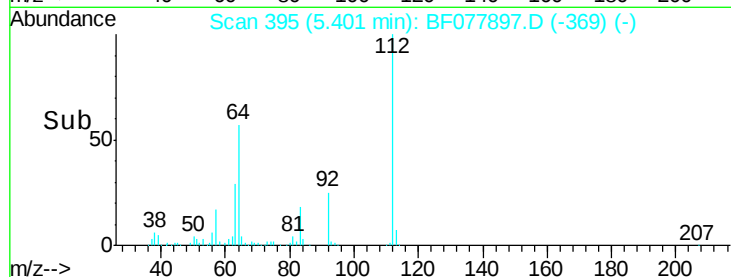
63 28.8 19.3 28.9



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: 36.89 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

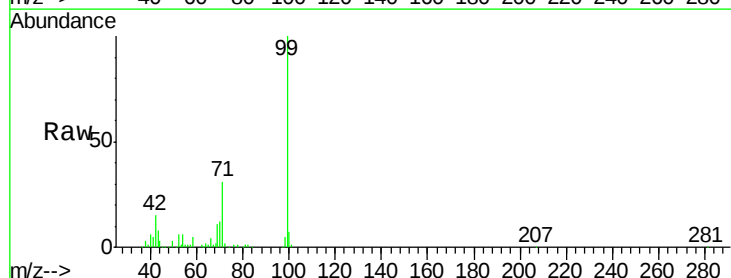
Tgt Ion: 99 Resp: 119124

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.4

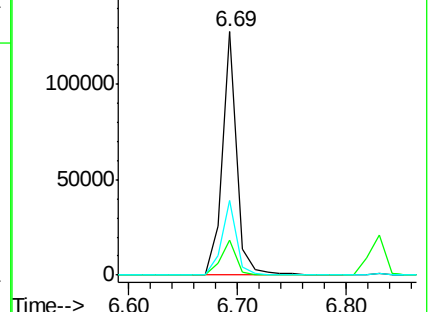
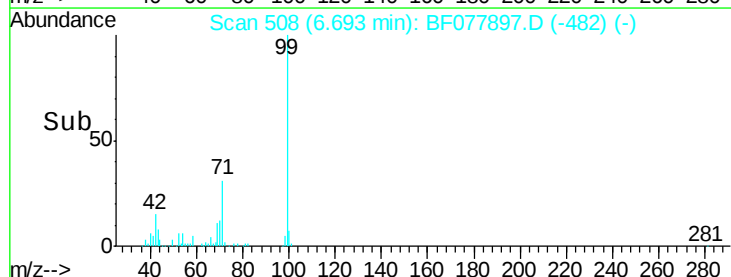
71 30.6 23.4 35.2

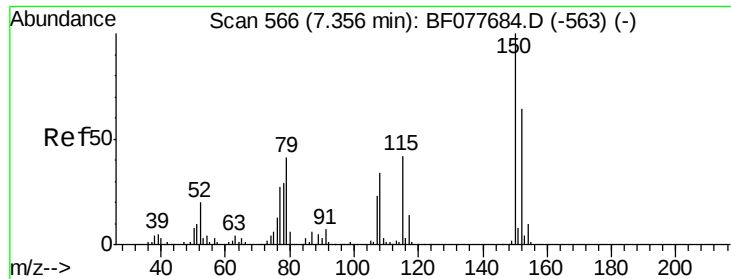


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 7.30 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615RE

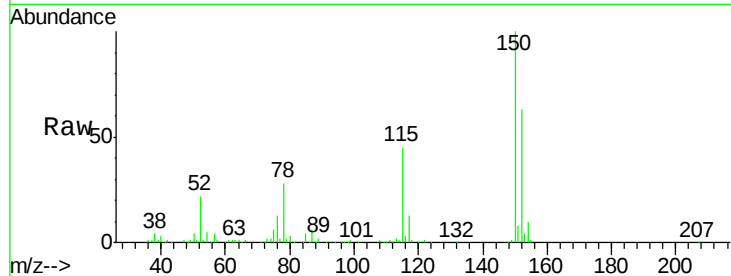
Tgt Ion: 79 Resp: 5357

Ion Ratio Lower Upper

79 100

108 27.7 65.0 97.4#

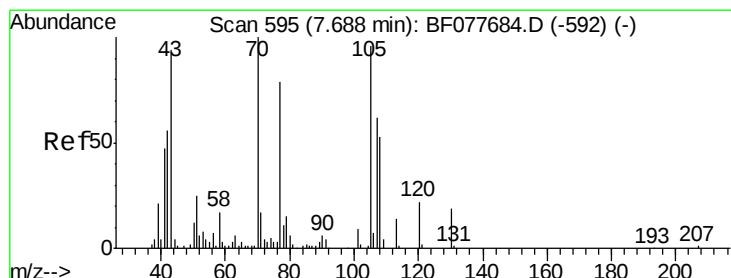
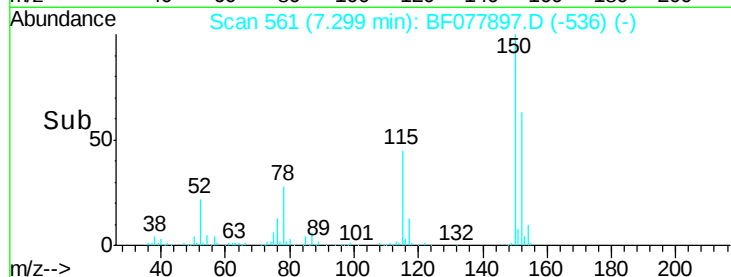
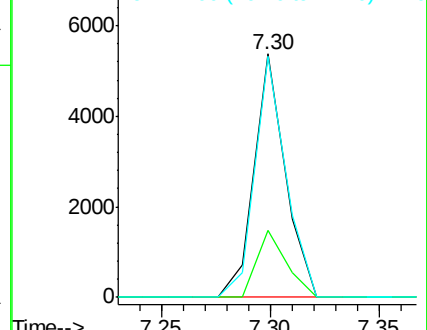
77 99.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.95 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

Tgt Ion: 70 Resp: 40089

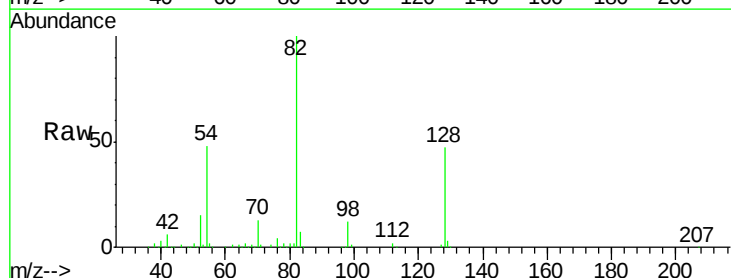
Ion Ratio Lower Upper

70 100

42 44.4 44.5 66.7#

101 0.0 7.4 11.2#

130 2.0 15.3 22.9#

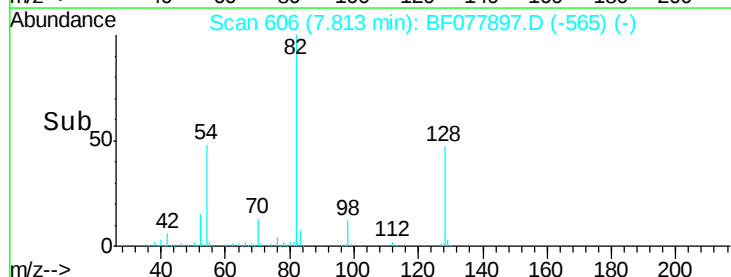
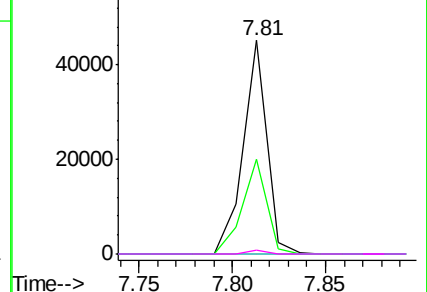


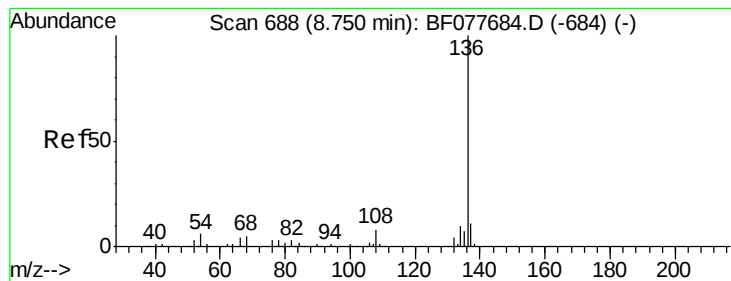
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615RE

Tgt Ion:136 Resp: 187442

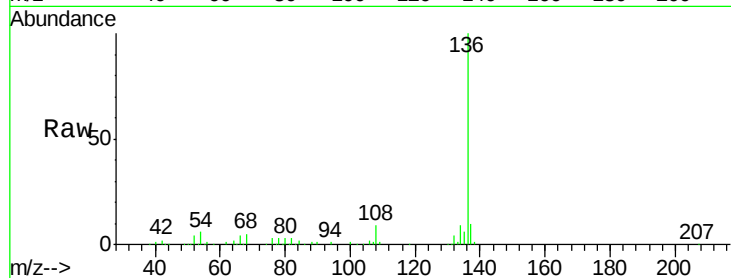
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.5 4.6 6.8

68 5.2 3.7 5.5

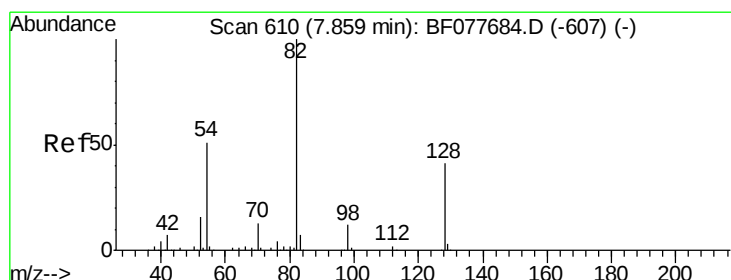
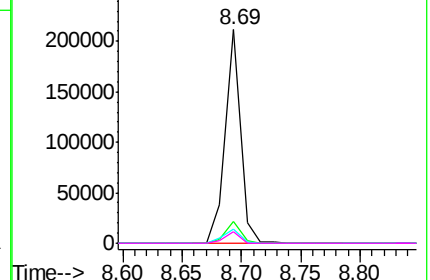
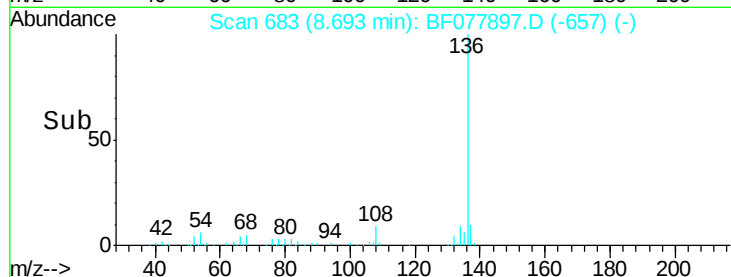


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 109.64 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

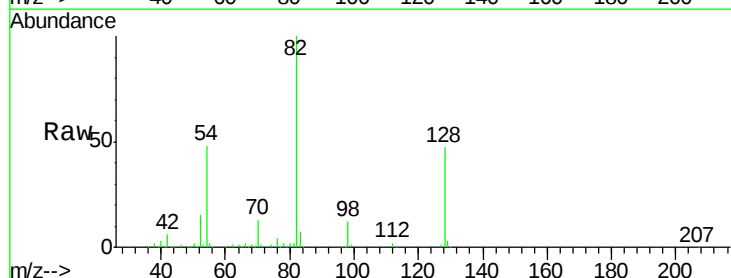
Tgt Ion: 82 Resp: 313502

Ion Ratio Lower Upper

82 100

128 46.6 32.8 49.2

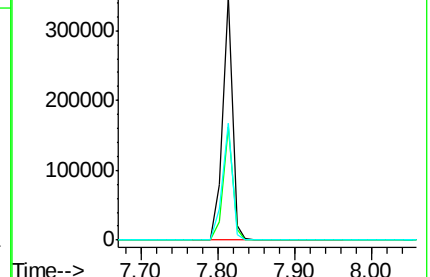
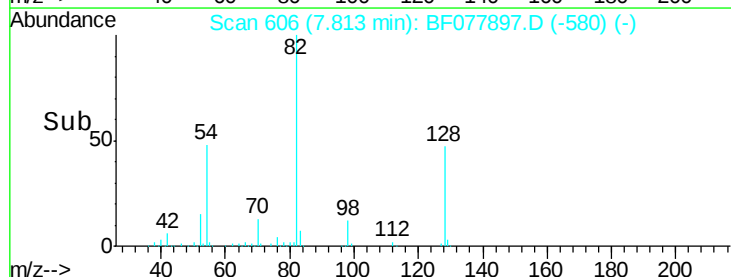
54 48.0 40.6 60.8

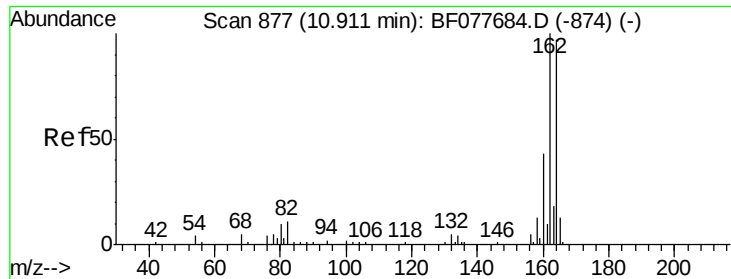


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615RE

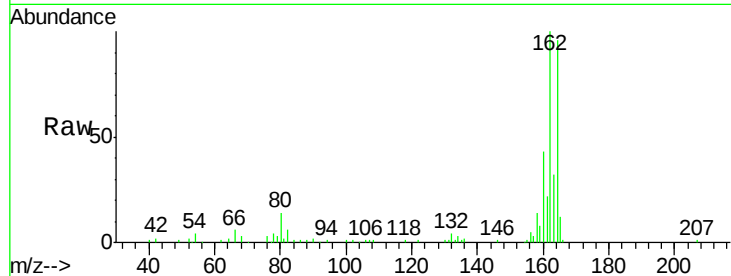
Tgt Ion:164 Resp: 93417

Ion Ratio Lower Upper

164 100

162 104.6 82.4 123.6

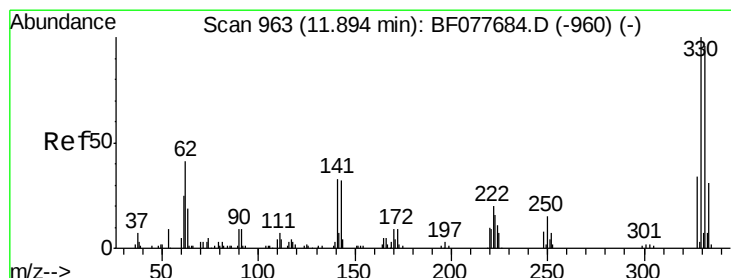
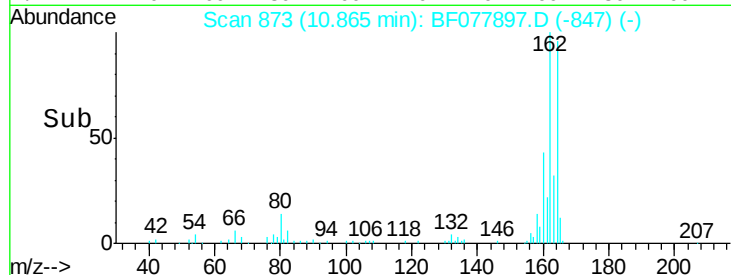
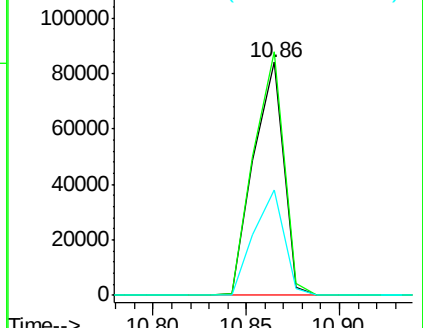
160 45.1 35.8 53.6



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: 142.18 ng

RT: 11.84 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

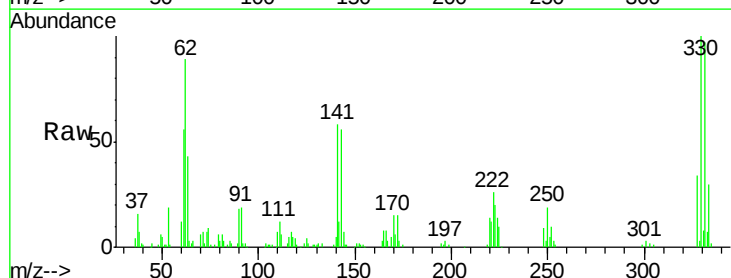
Tgt Ion:330 Resp: 127076

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

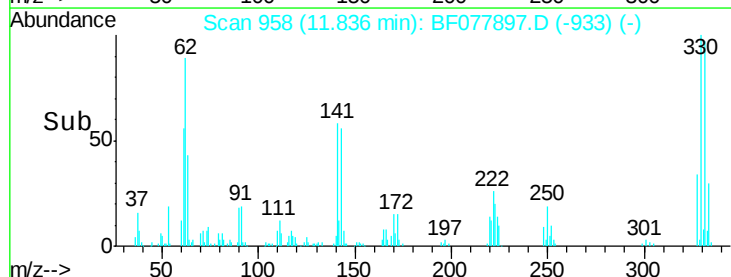
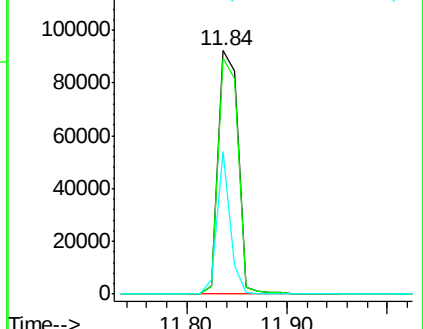
141 38.4 0.0 0.0#

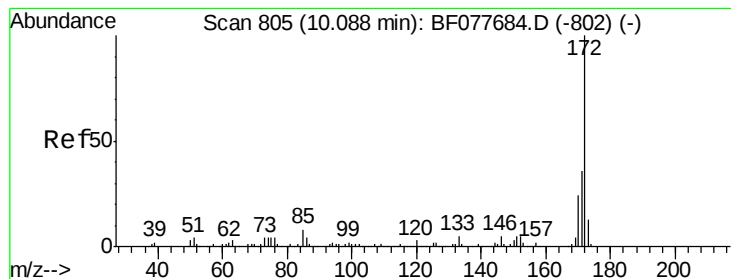


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

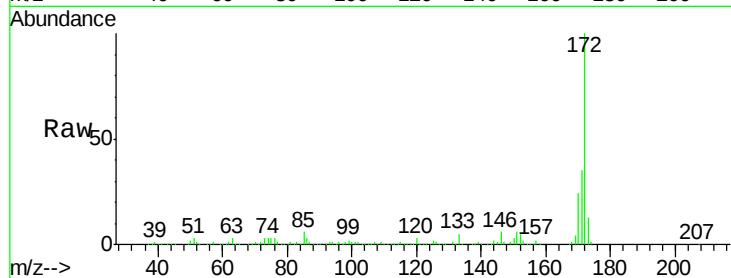




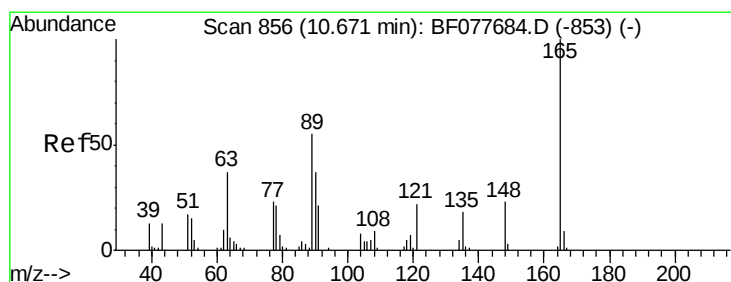
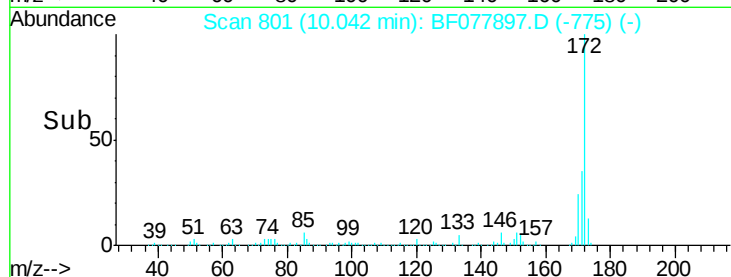
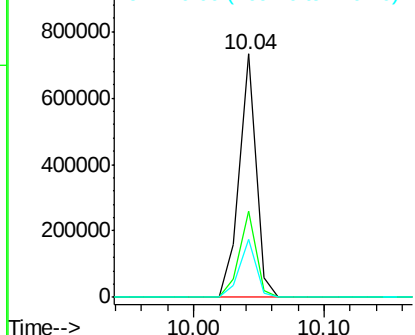
#44
 2-Fluorobiphenyl
 Concen: 103.45 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077897.D
 Acq: 23 Mar 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615RE

Tgt Ion:172 Resp: 657590
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.0 18.8 28.2

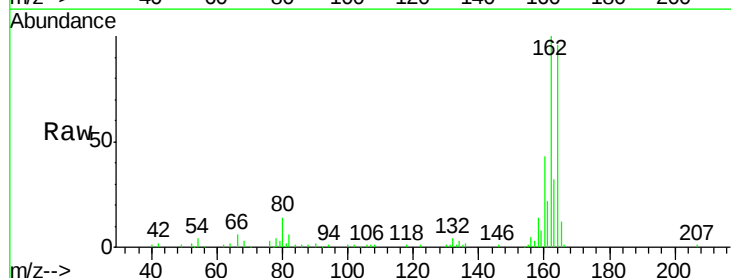


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

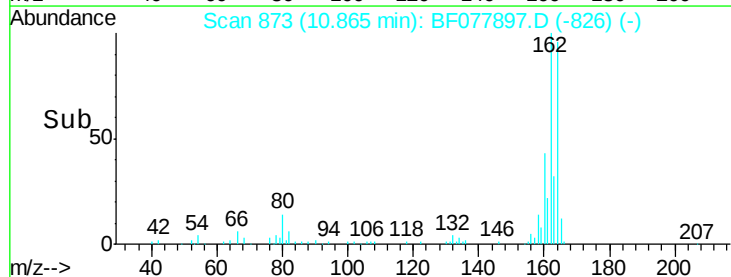
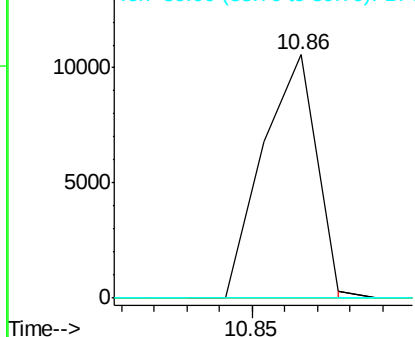


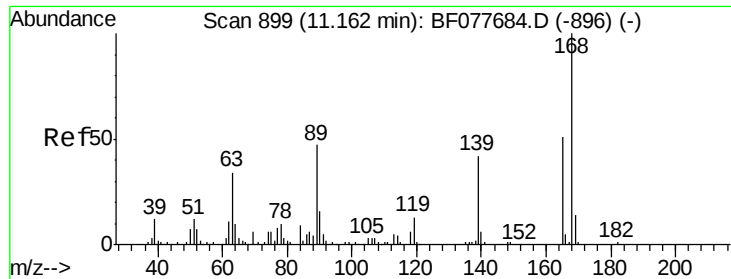
#50
 2,6-Dinitrotoluene
 Concen: 8.45 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077897.D
 Acq: 23 Mar 2015 16:31

Tgt Ion:165 Resp: 12134
 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

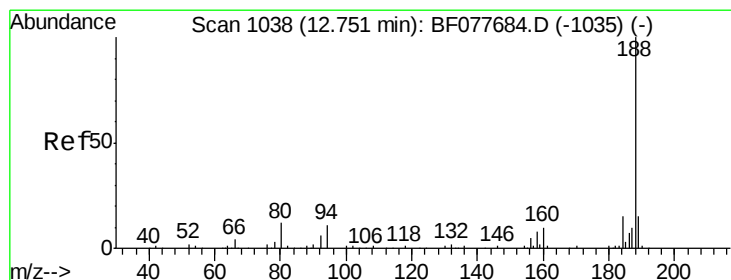
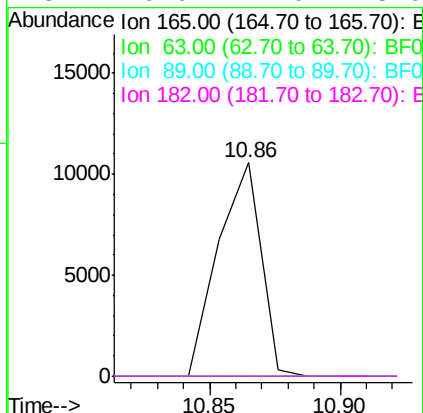
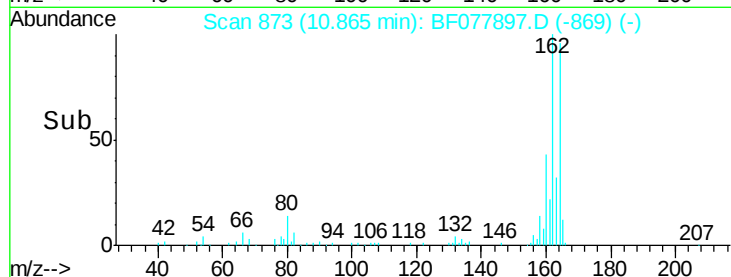
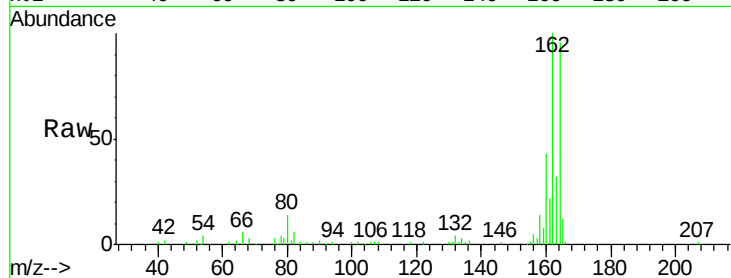




#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077897.D
 Acq: 23 Mar 2015 16:31

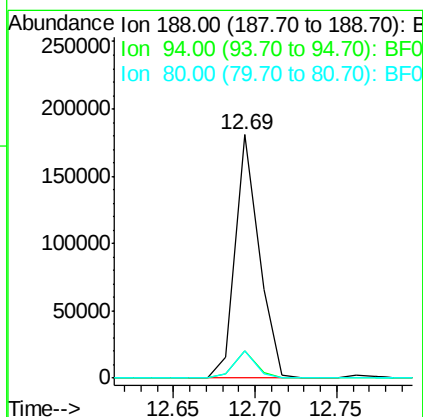
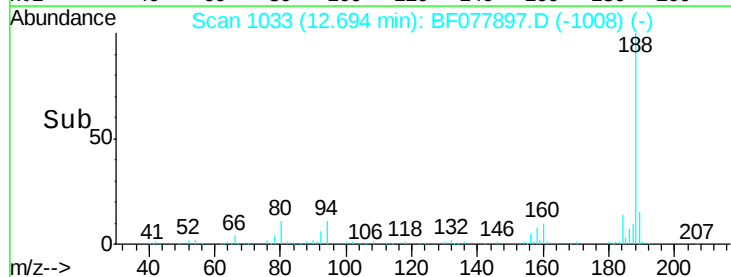
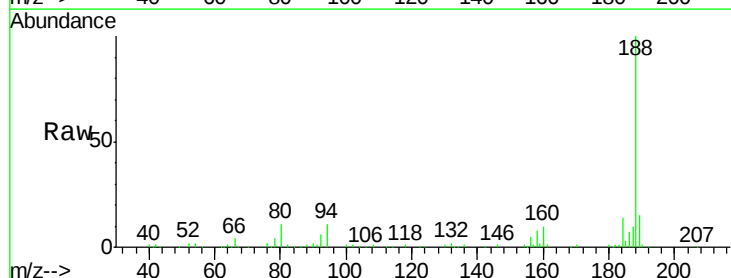
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615RE

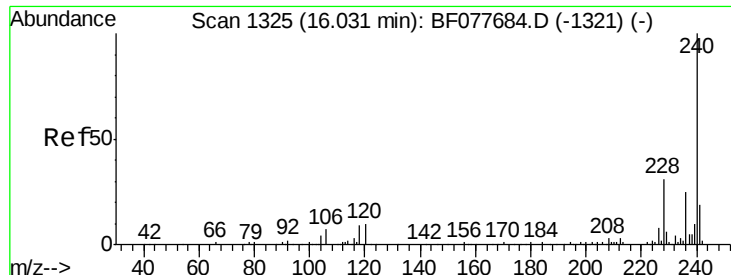
Tgt Ion:165 Resp: 12135
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF077897.D
 Acq: 23 Mar 2015 16:31

Tgt Ion:188 Resp: 182207
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.7 13.1
 80 11.4 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615RE

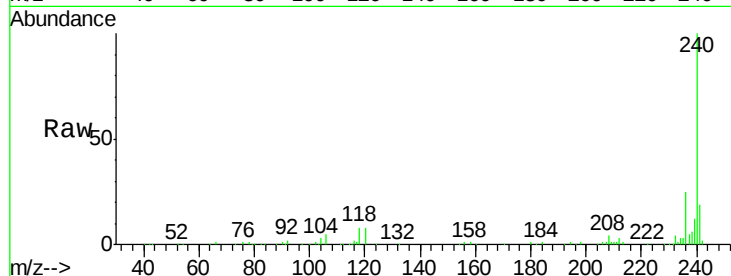
Tgt Ion:240 Resp: 199812

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

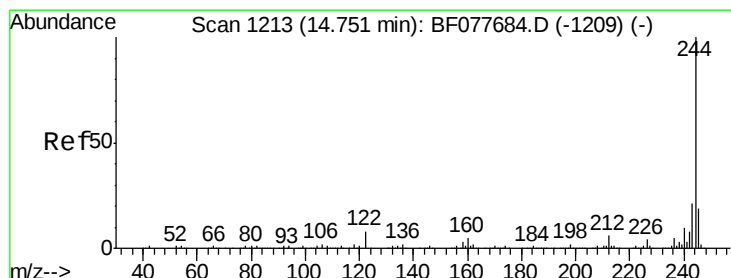
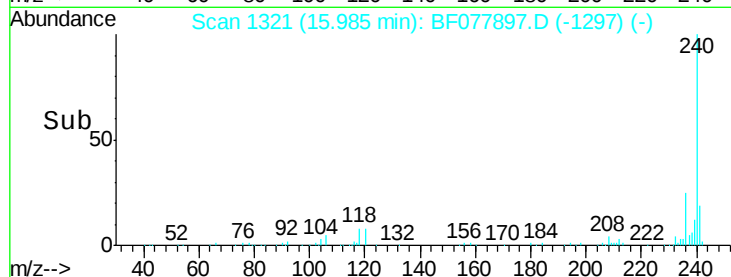
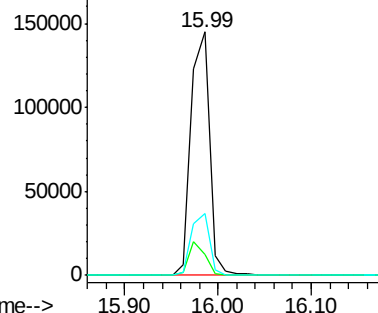
236 25.3 20.0 30.0



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: 94.17 ng

RT: 14.69 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF077897.D

Acq: 23 Mar 2015 16:31

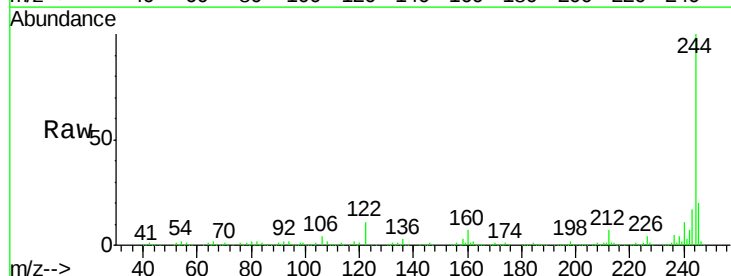
Tgt Ion:244 Resp: 770285

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

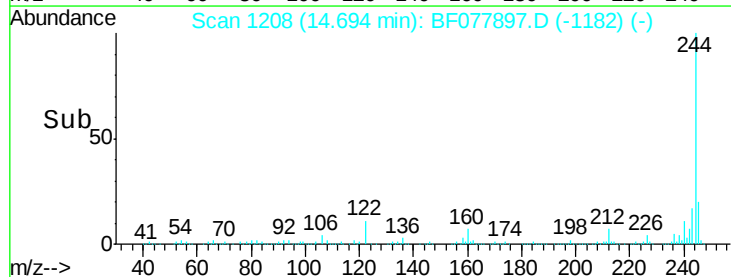
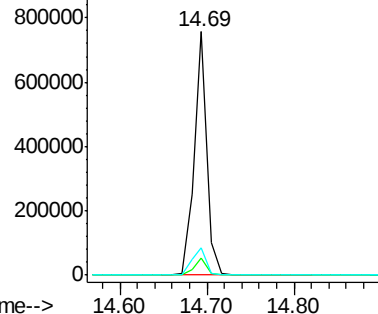
122 11.1 6.2 9.4#

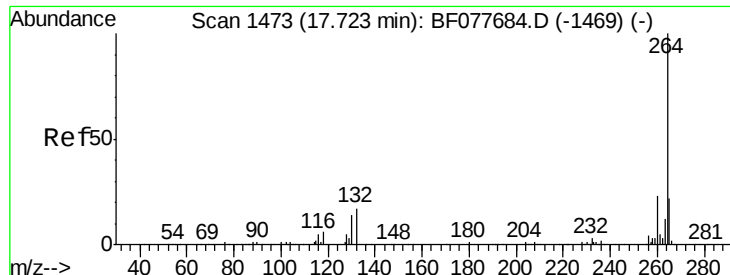


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

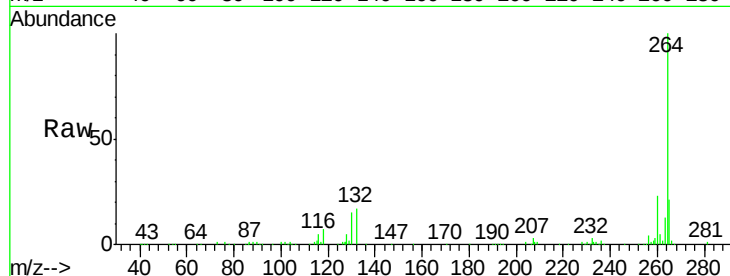




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.08 min
Lab File: BF077897.D
Acq: 23 Mar 2015 16:31

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615RE

Tgt Ion: 264 Resp: 197551
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.2 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

