

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077909.D
 Acq On : 24 Mar 2015 12:47
 Operator : TP/IZ
 Sample : G1622-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Mar 25 00:05:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

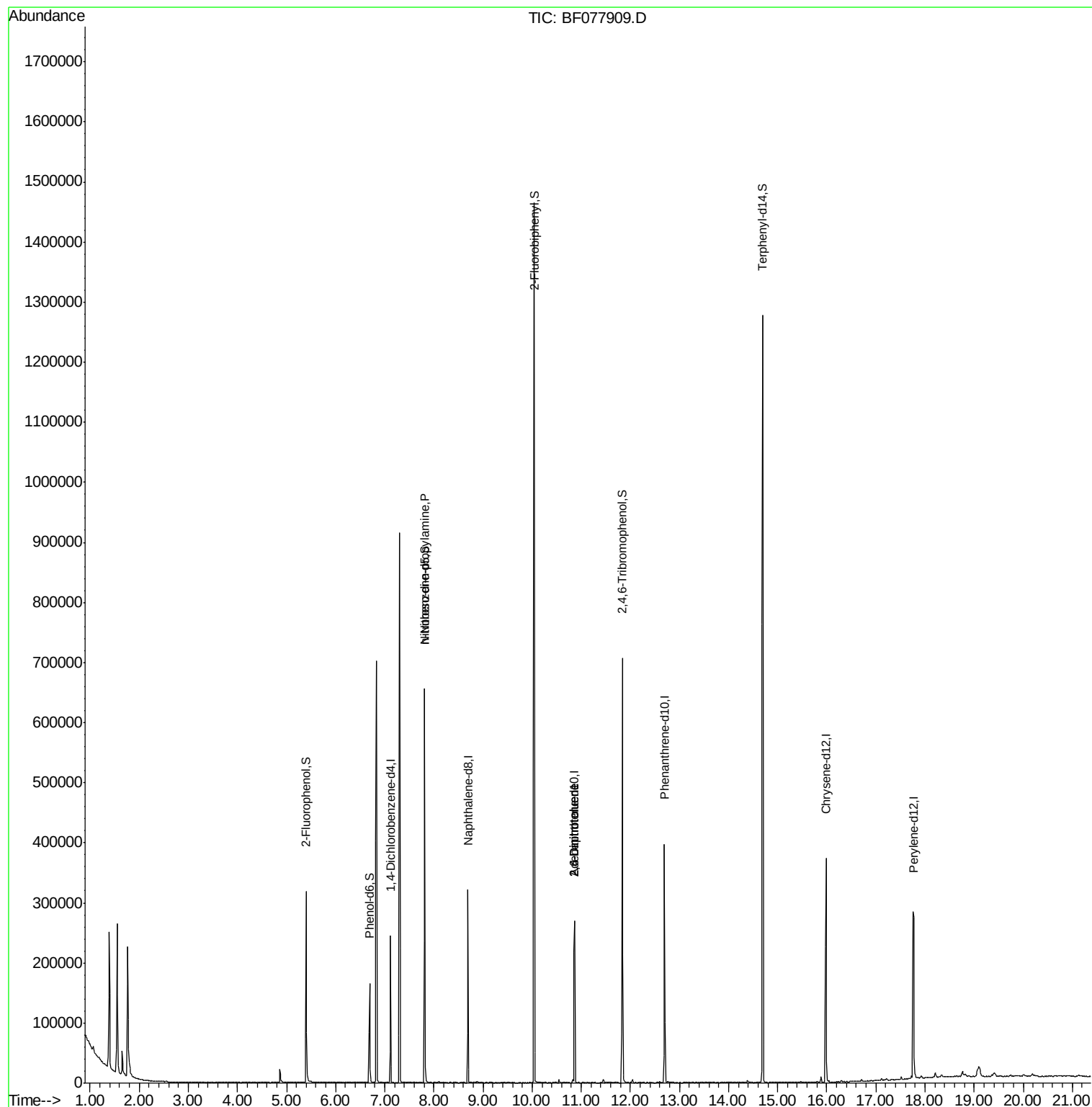
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	39968	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	155676	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	76641	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	158428	20.00	ng	0.00
75) Chrysene-d12	15.99	240	175628	20.00	ng	0.01
86) Perylene-d12	17.77	264	165210	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	108080	47.20	ng	0.00
7) Phenol-d6	6.69	99	75345	26.63	ng	0.00
23) Nitrobenzene-d5	7.81	82	225295	94.87	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	85123	116.08	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	502994	96.45	ng	0.00
78) Terphenyl-d14	14.69	244	532448	74.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	28163	14.39	ng	# 78
50) 2,6-Dinitrotoluene	10.87	165	9675	8.21	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	9675	6.30	ng	# 11

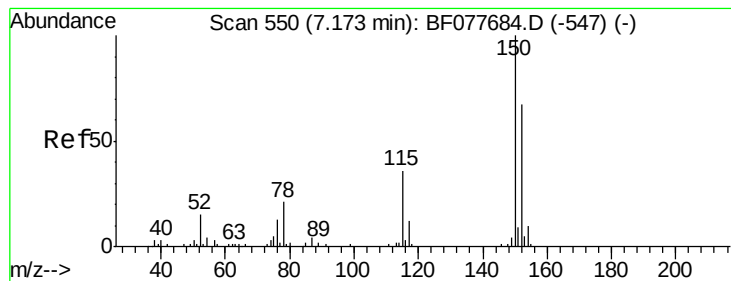
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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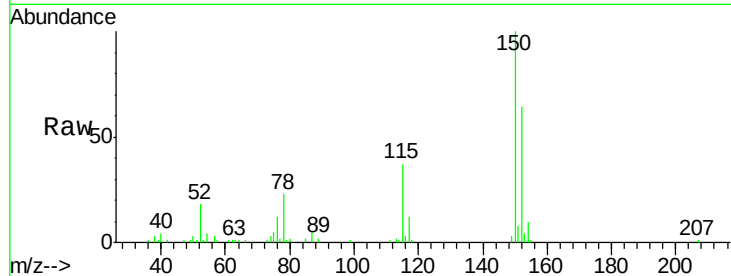


#1

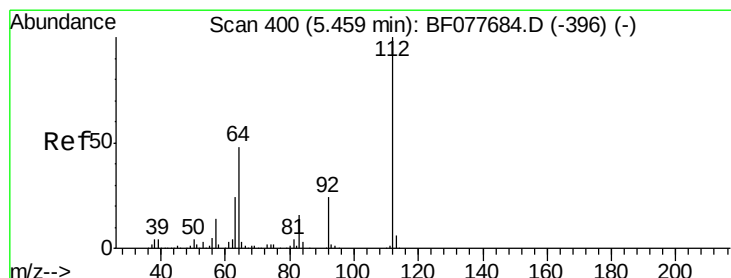
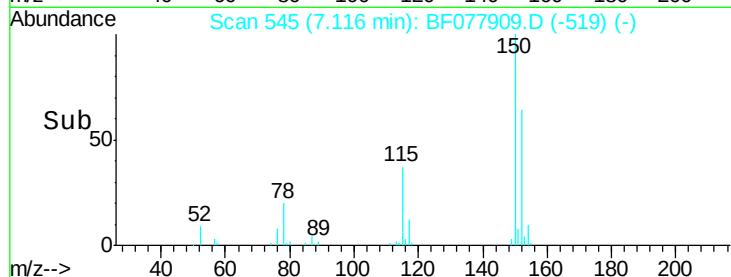
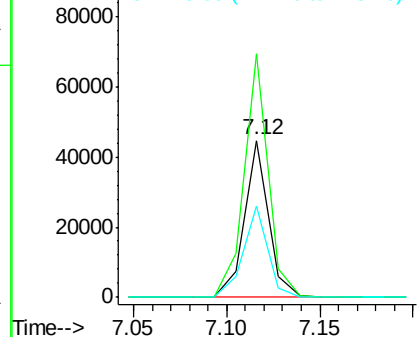
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077909.D
Acq: 24 Mar 2015 12:47

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

Tgt Ion:152 Resp: 39968
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 58.0 43.0 64.4



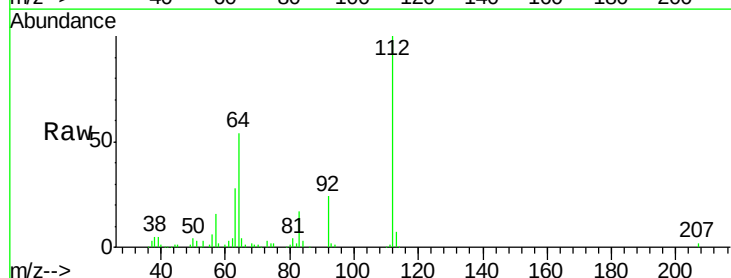
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



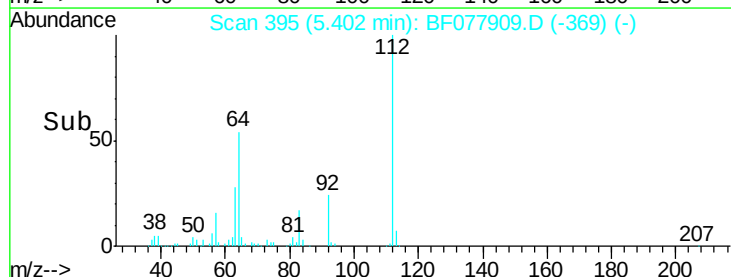
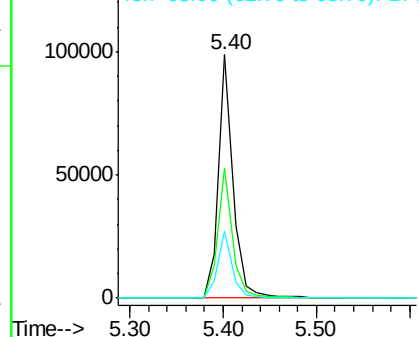
#5

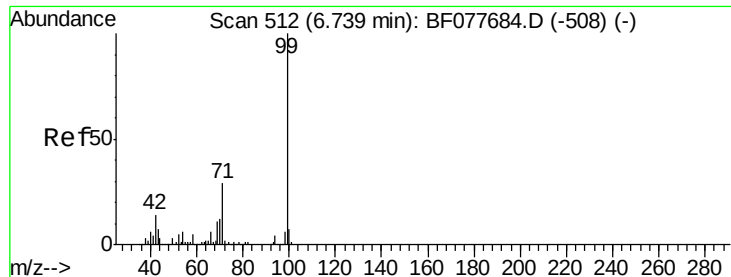
2-Fluorophenol
Concen: 47.20 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077909.D
Acq: 24 Mar 2015 12:47

Tgt Ion:112 Resp: 108080
Ion Ratio Lower Upper
112 100
64 53.5 38.6 57.8
63 27.5 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: 26.63 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

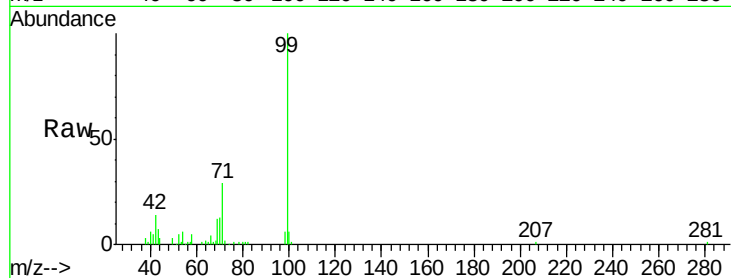
Tgt Ion: 99 Resp: 75345

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

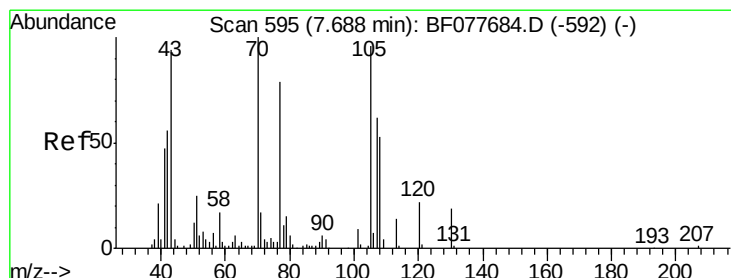
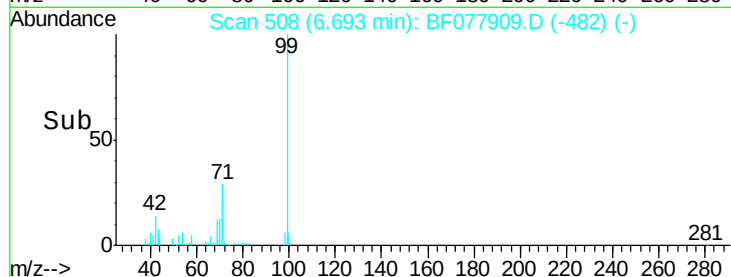
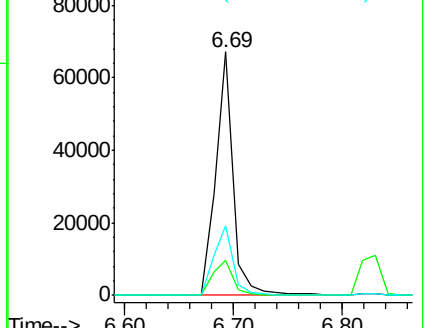
71 28.8 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.39 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

Tgt Ion: 70 Resp: 28163

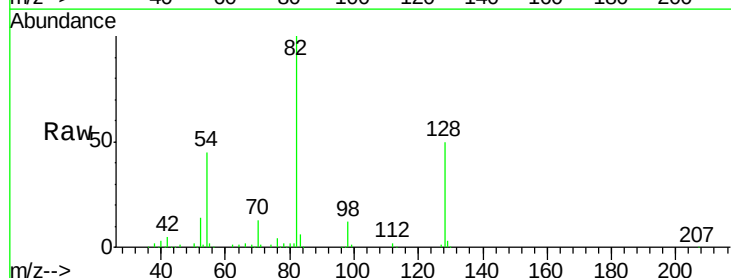
Ion Ratio Lower Upper

70 100

42 43.2 44.5 66.7#

101 0.0 7.4 11.2#

130 2.9 15.3 22.9#

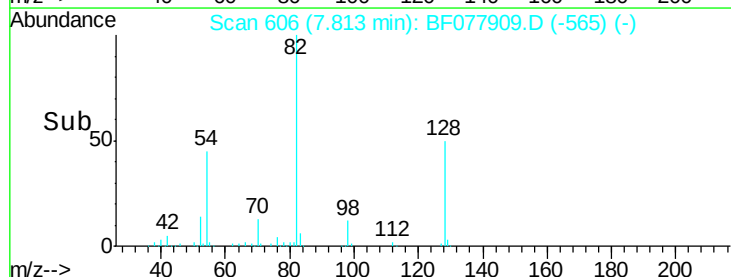
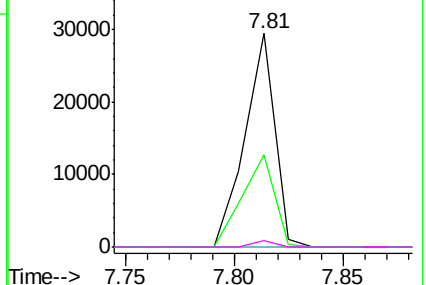


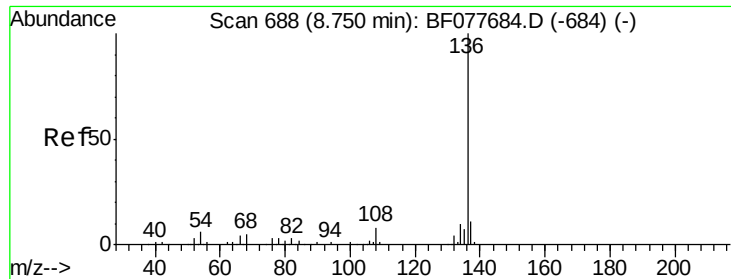
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF077909.D

Acq: 24 Mar 2015 12:47

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

Tgt Ion:136 Resp: 155676

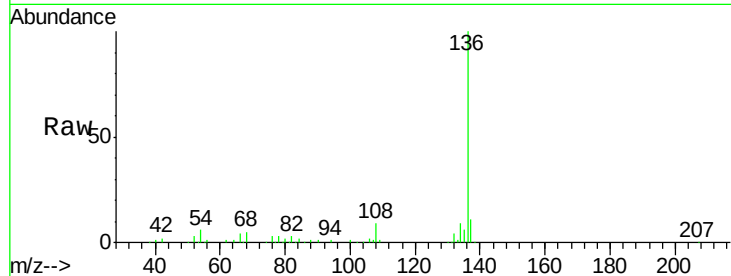
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.2 4.6 6.8

68 5.0 3.7 5.5

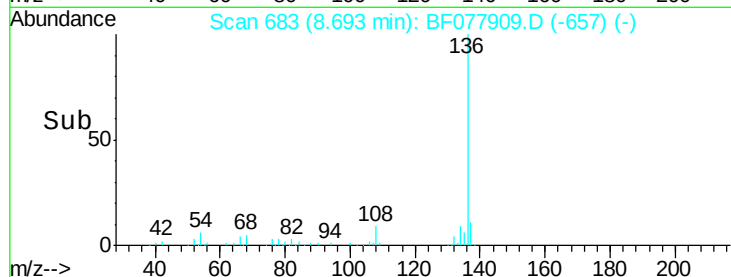


Abundance Ion 136.00 (135.70 to 136.70): E

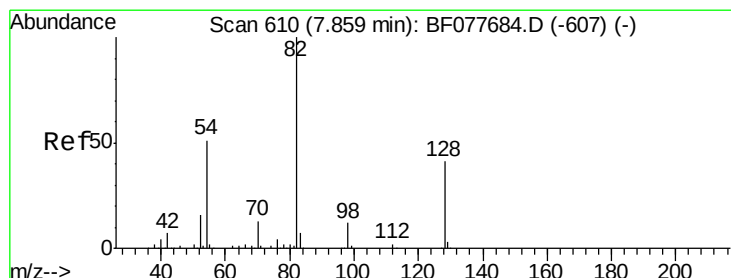
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.60 8.70 8.80



#23

Nitrobenzene-d5

Concen: 94.87 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

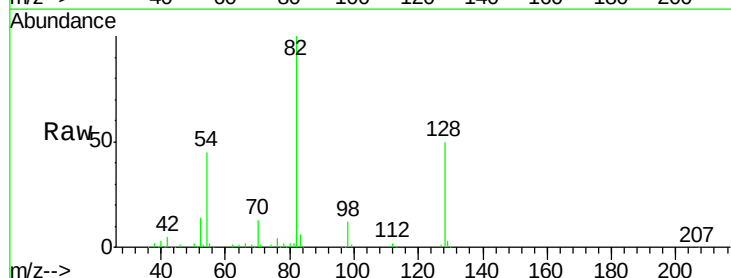
Tgt Ion: 82 Resp: 225295

Ion Ratio Lower Upper

82 100

128 50.1 32.8 49.2#

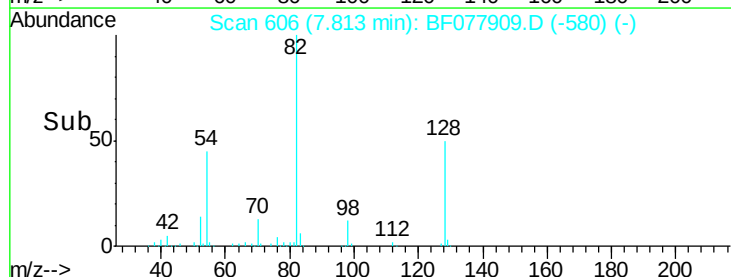
54 44.8 40.6 60.8



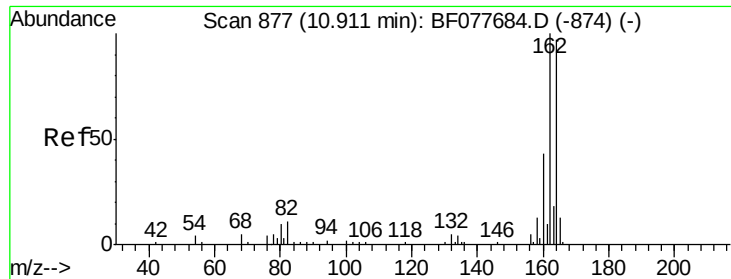
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.70 7.80 7.90



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

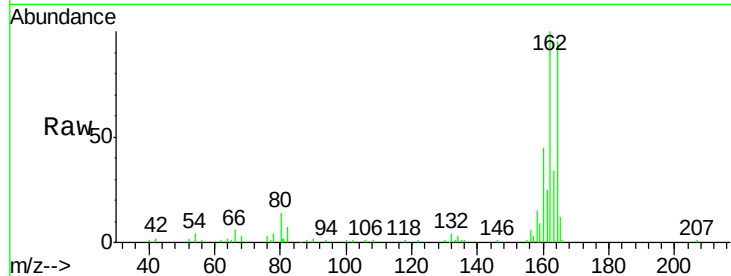
Tgt Ion:164 Resp: 76641

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

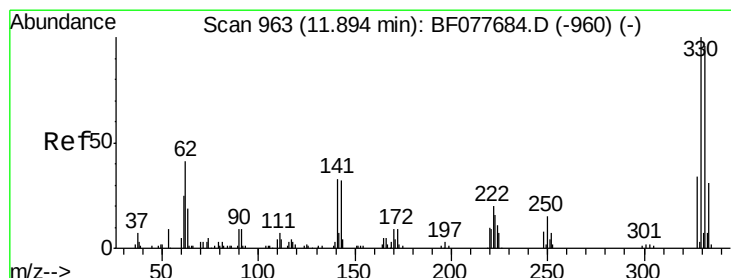
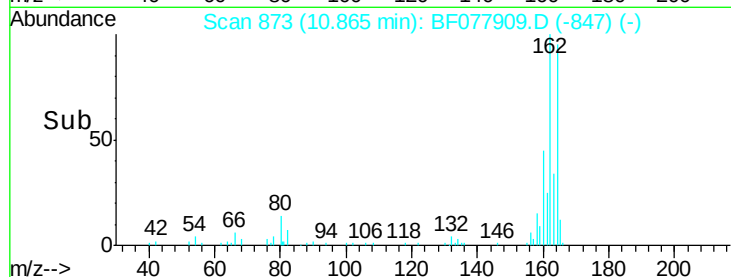
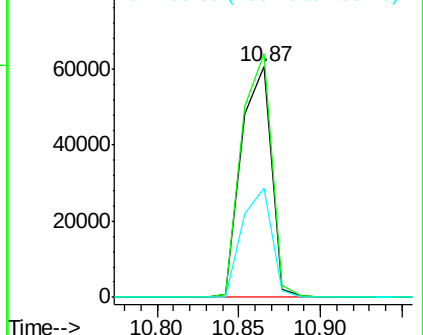
160 47.4 35.8 53.6



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: 116.08 ng

RT: 11.84 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

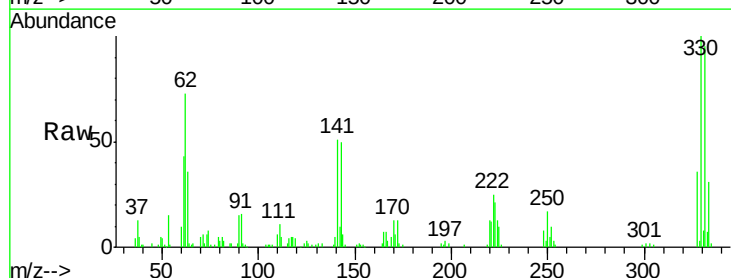
Tgt Ion:330 Resp: 85123

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

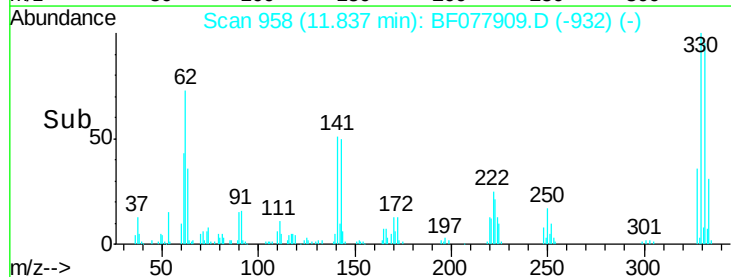
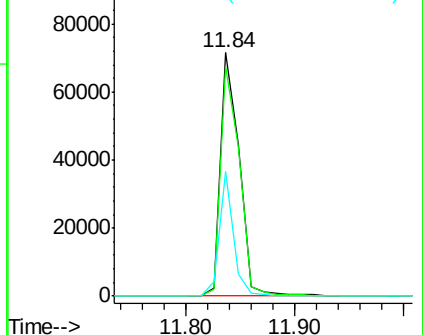
141 39.0 0.0 0.0#

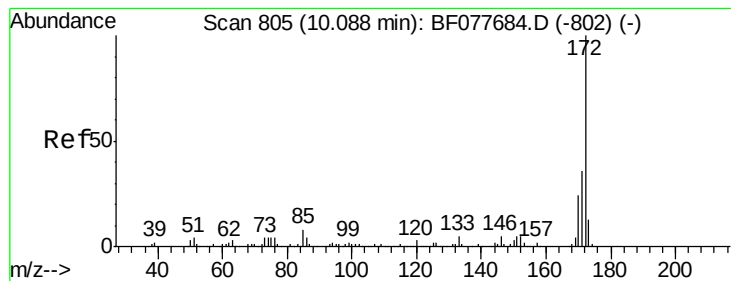


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.45 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

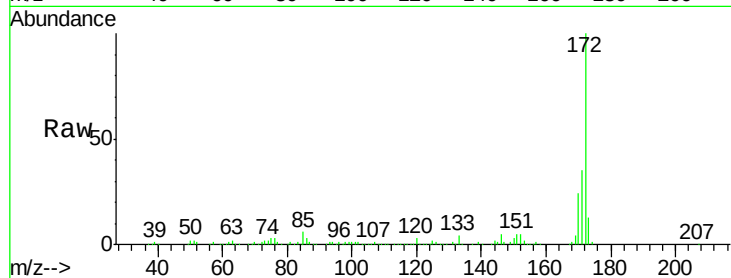
Tgt Ion:172 Resp: 502994

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

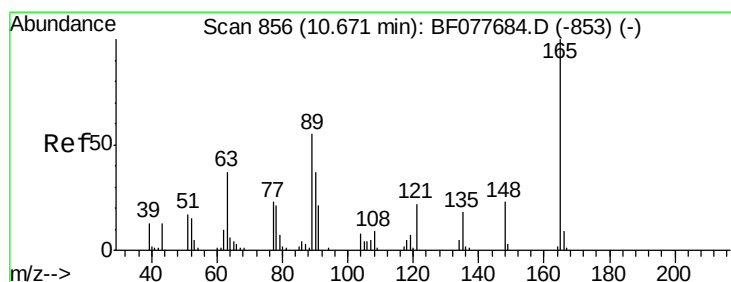
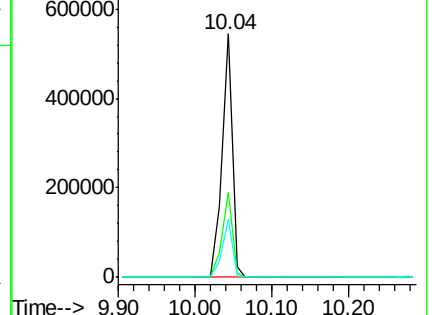
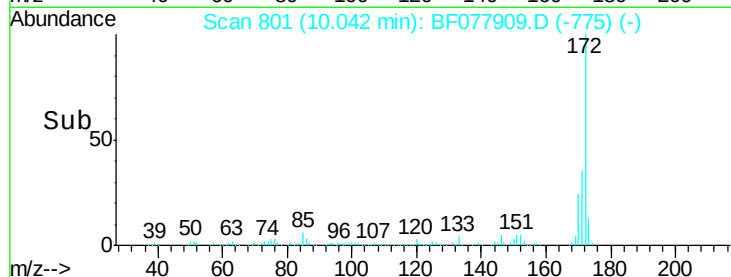
170 23.8 18.8 28.2



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: 8.21 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

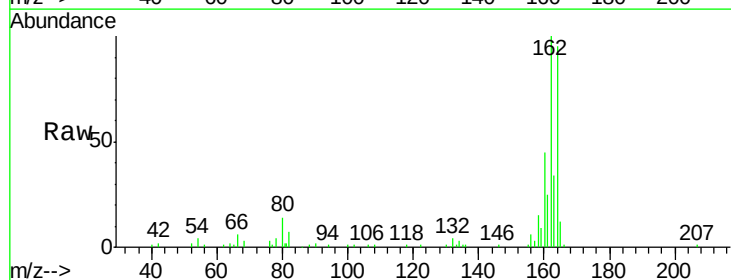
Tgt Ion:165 Resp: 9675

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

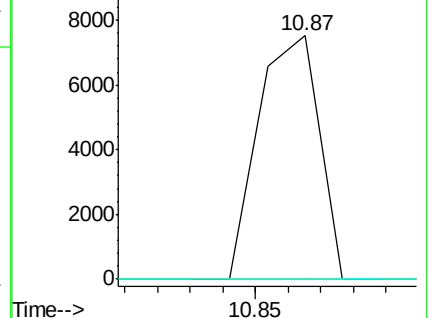
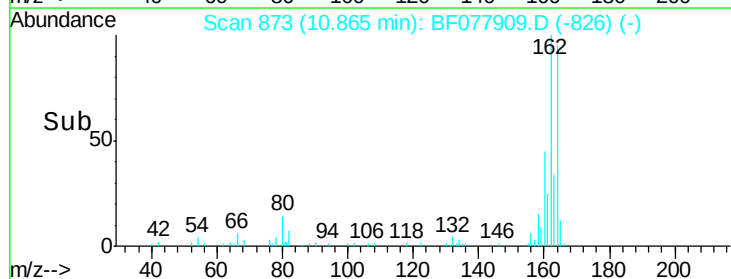
89 0.0 44.3 66.5#

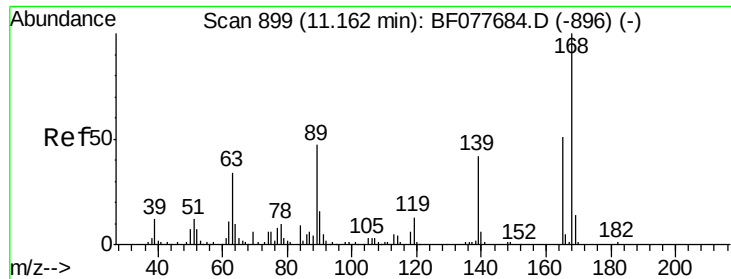


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

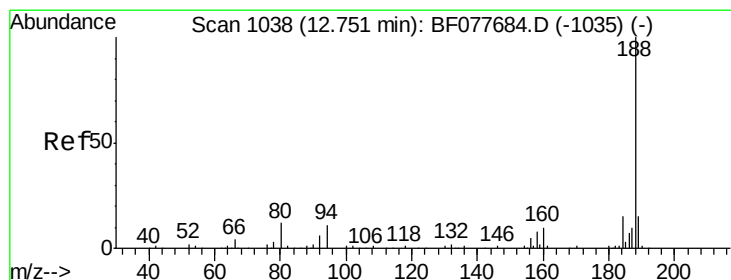
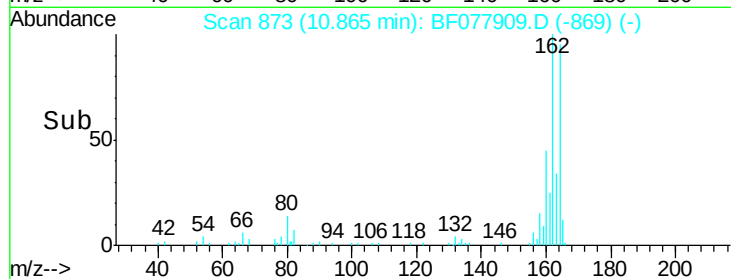
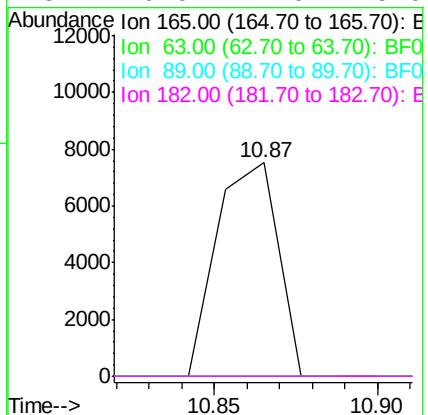
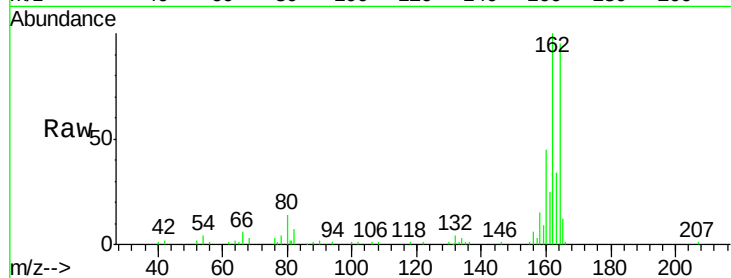




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 10.87 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077909.D
 Acq: 24 Mar 2015 12:47

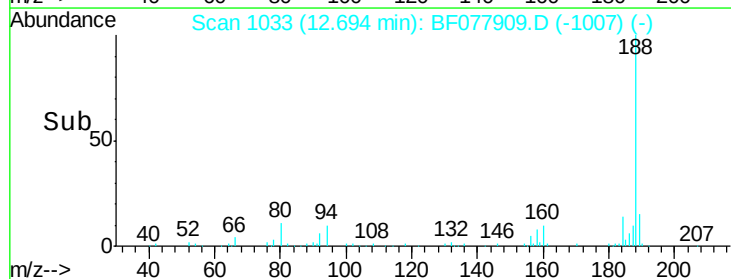
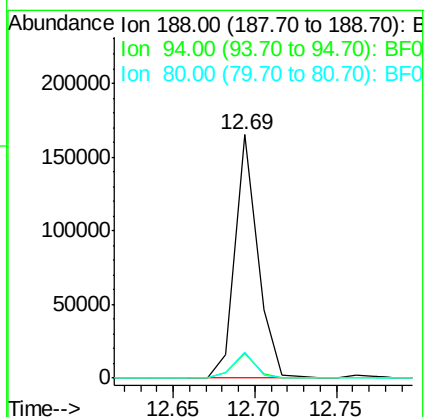
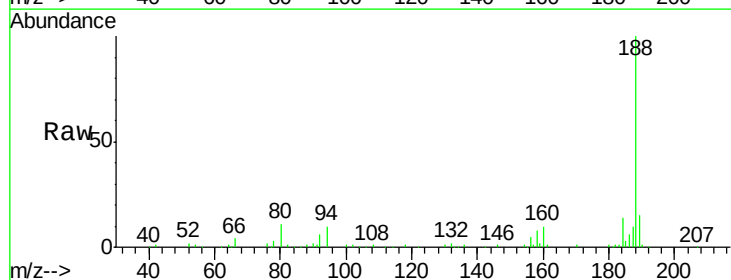
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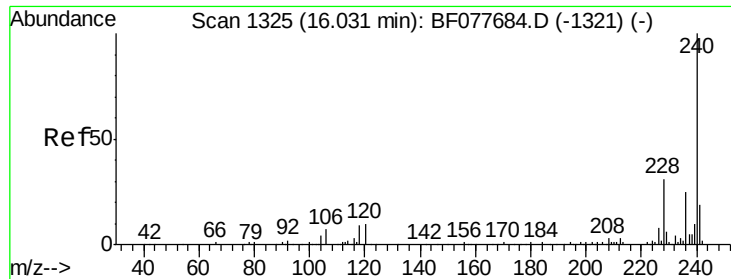
Tgt Ion:165 Resp: 9675
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077909.D
 Acq: 24 Mar 2015 12:47

Tgt Ion:188 Resp: 158428
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.7 13.1
 80 10.6 9.3 13.9

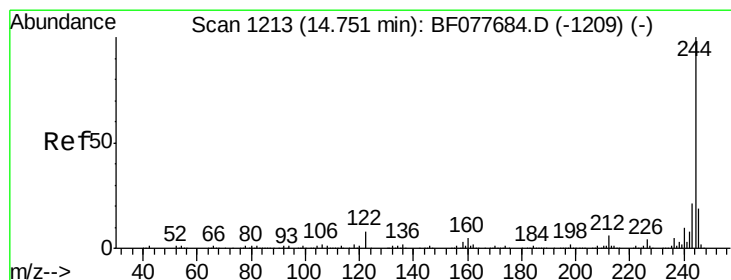
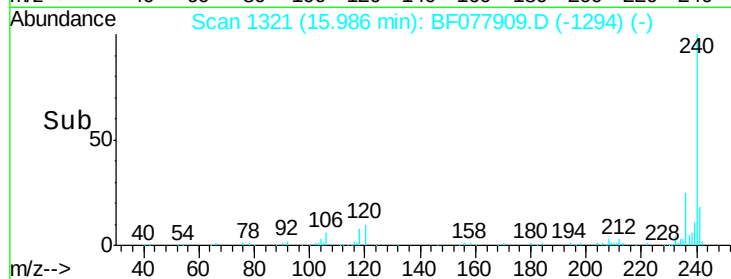
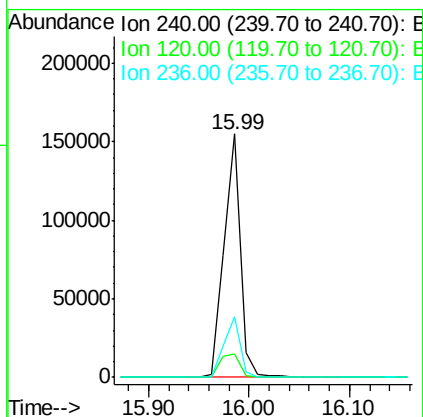
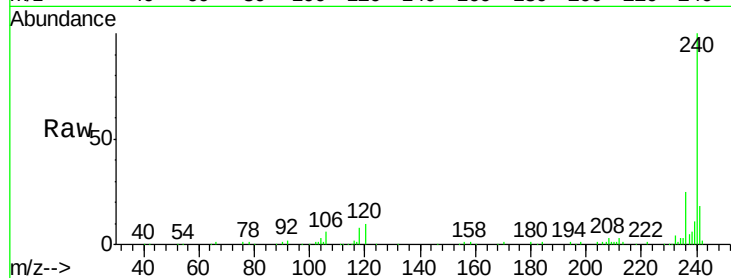




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077909.D
Acq: 24 Mar 2015 12:47

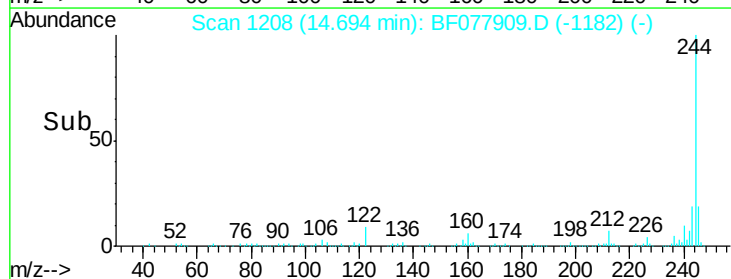
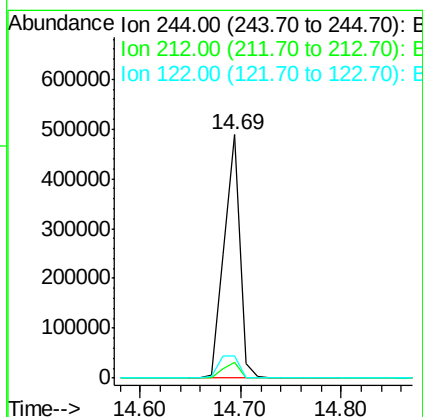
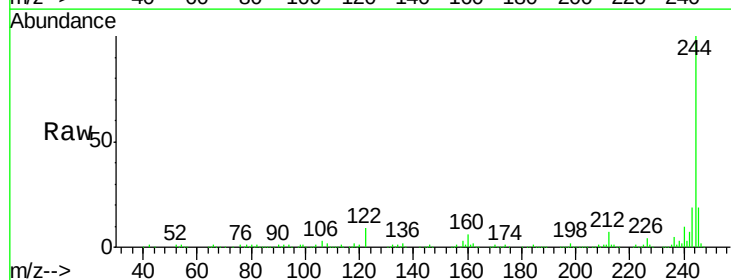
Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

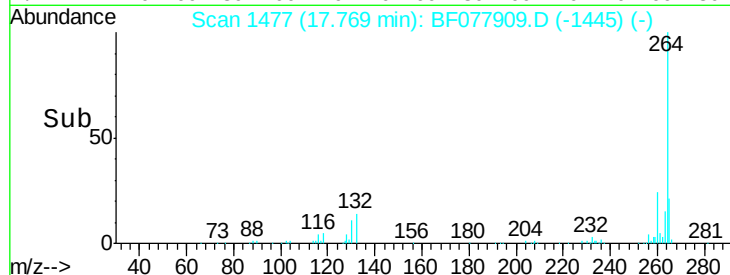
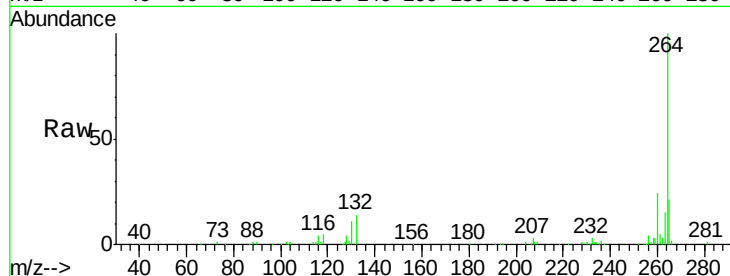
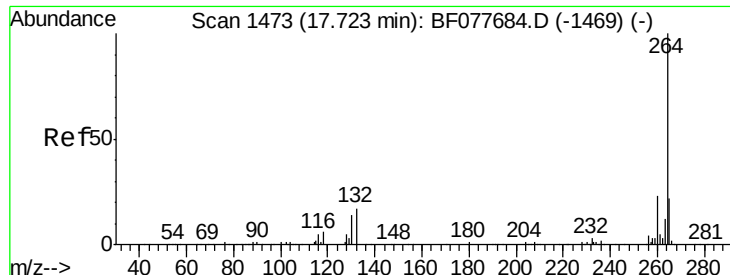
Tgt Ion:240 Resp: 175628
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 24.7 20.0 30.0



#78
Terphenyl-d14
Concen: 74.05 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077909.D
Acq: 24 Mar 2015 12:47

Tgt Ion:244 Resp: 532448
Ion Ratio Lower Upper
244 100
212 6.6 4.9 7.3
122 9.0 6.2 9.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.77 min Scan# 1477

Delta R.T. 0.07 min

Lab File: BF077909.D

Acq: 24 Mar 2015 12:47

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

Tgt Ion:264 Resp: 165210

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 20.6 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

