

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077867.D
 Acq On : 20 Mar 2015 17:04
 Operator : TP/IZ
 Sample : G1604-01
 Misc : W/DOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0121

Quant Time: Mar 20 23:05:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

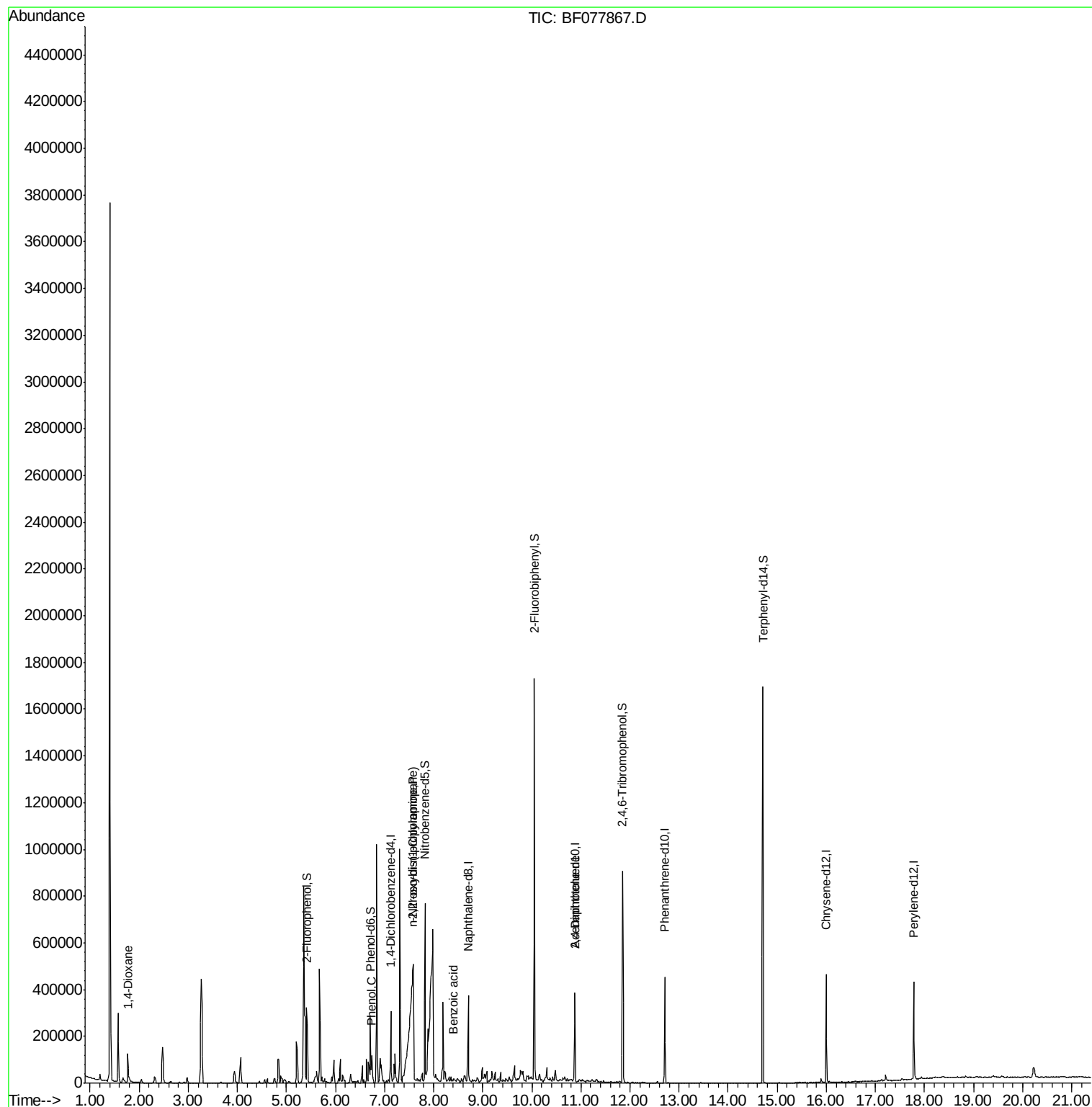
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	47385	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	184656	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	96427	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	187675	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	193974	20.00	ng	-0.01
86) Perylene-d12	17.78	264	184888	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	132052	48.64	ng	0.00
7) Phenol-d6	6.70	99	99424	29.64	ng	0.00
23) Nitrobenzene-d5	7.82	82	269091	95.52	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	113086	122.57	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	570298	86.92	ng	0.00
78) Terphenyl-d14	14.71	244	591587	74.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	4723	3.83	ng	# 100
10) Phenol	6.73	94	11740	2.96	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.58	45	63286	15.81	ng	# 78
19) n-Nitroso-di-n-propylamine	7.57	70	36214	15.61	ng	# 37
32) Benzoic acid	8.41	122	271	3.26	ng	# 78
56) 2,4-Dinitrotoluene	10.88	165	12437	6.43	ng	# 11
76) Benzidine	14.41	184	869	Below Cal		# 68

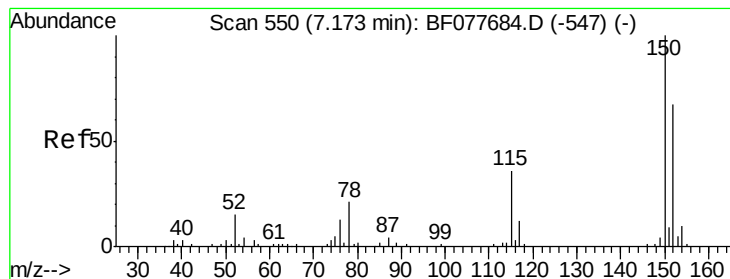
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 20 23:52:05 2015
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: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampled :

Z2-0121

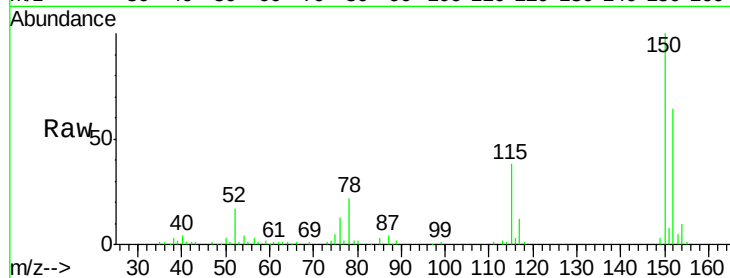
Tgt Ion:152 Resp: 47385

Ion Ratio Lower Upper

152 100

150 155.1 119.5 179.3

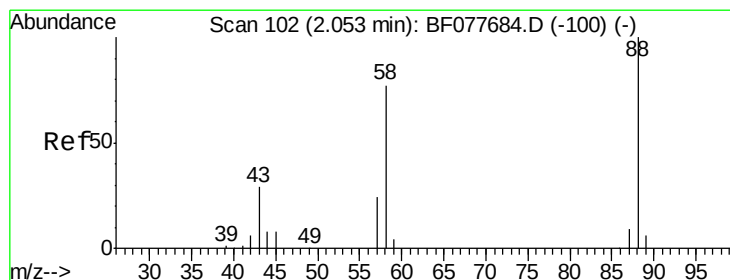
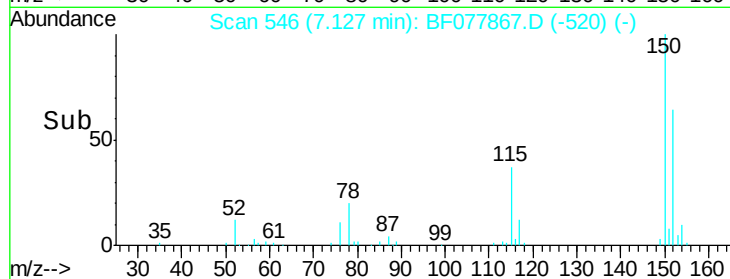
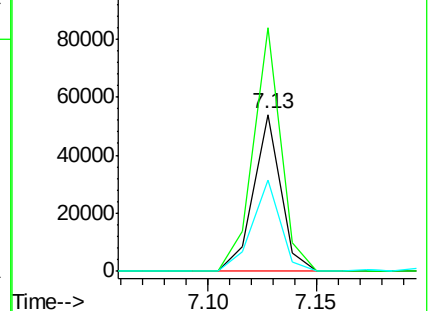
115 58.4 43.0 64.4



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: 3.83 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

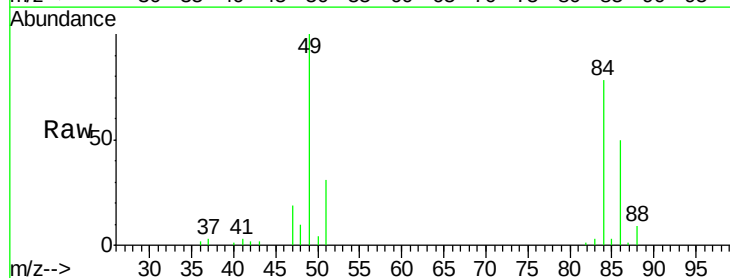
Tgt Ion: 88 Resp: 4723

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

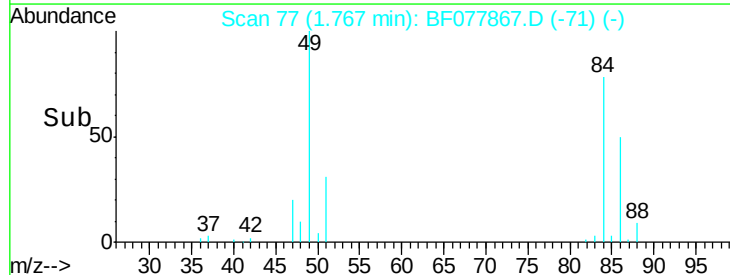
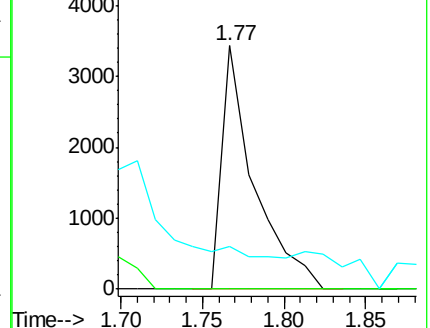
43 0.0 0.0 0.0

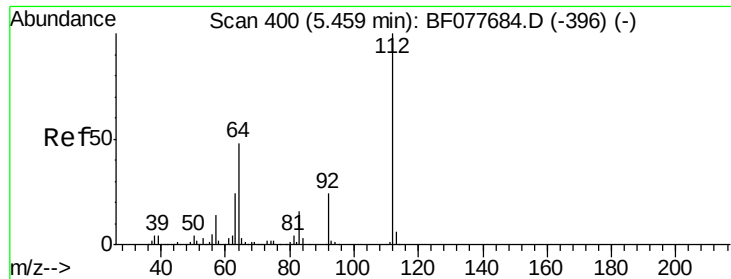


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 48.64 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

Z2-0121

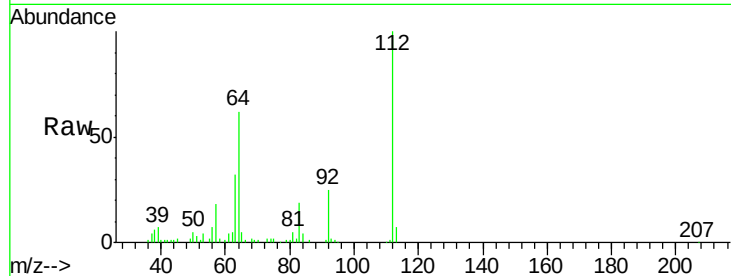
Tgt Ion: 112 Resp: 132052

Ion Ratio Lower Upper

112 100

64 62.4 38.6 57.8#

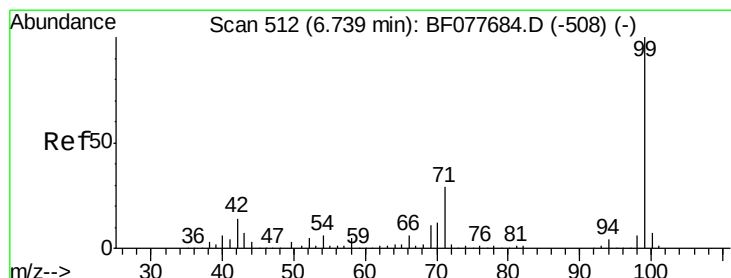
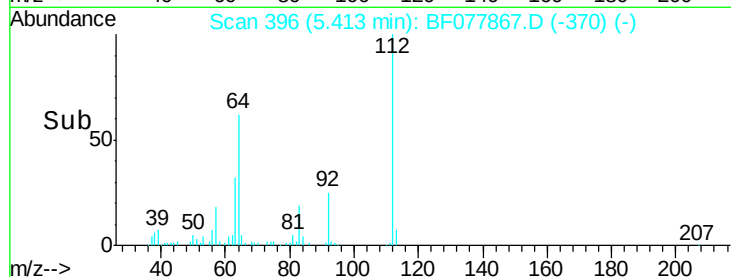
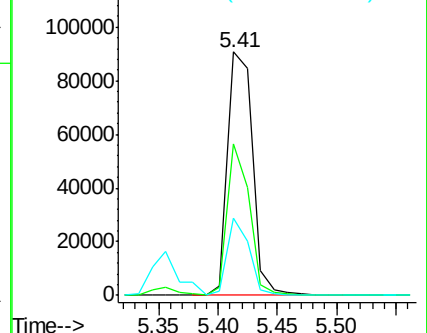
63 31.6 19.3 28.9#



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: 29.64 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

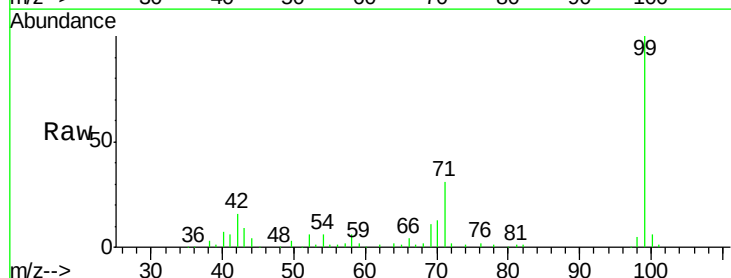
Tgt Ion: 99 Resp: 99424

Ion Ratio Lower Upper

99 100

42 16.1 11.0 16.4

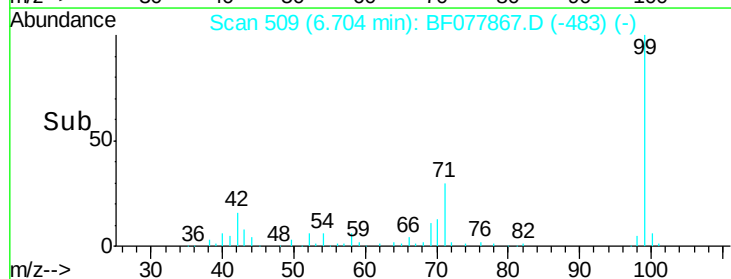
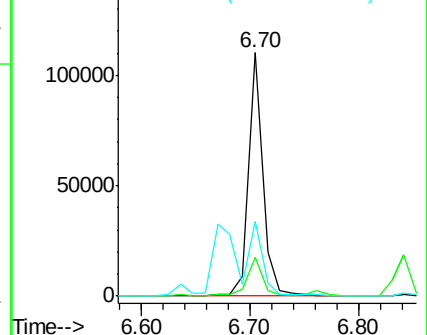
71 30.7 23.4 35.2

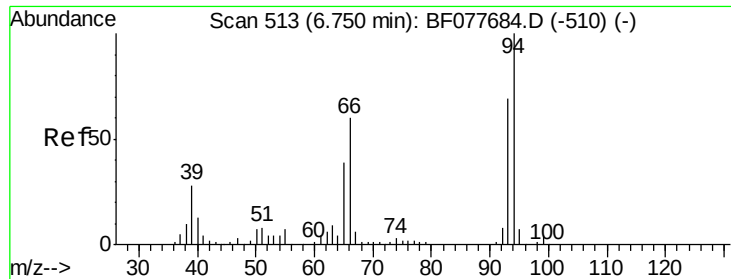


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.96 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

Z2-0121

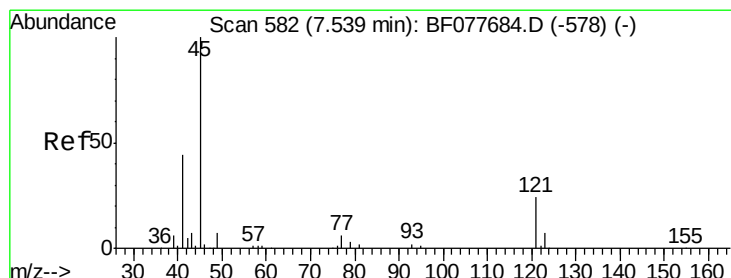
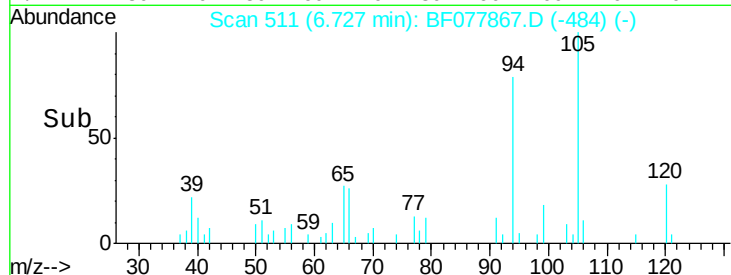
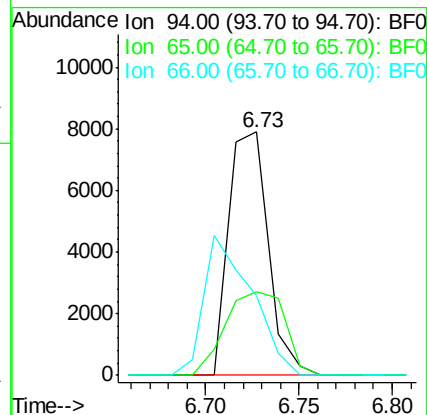
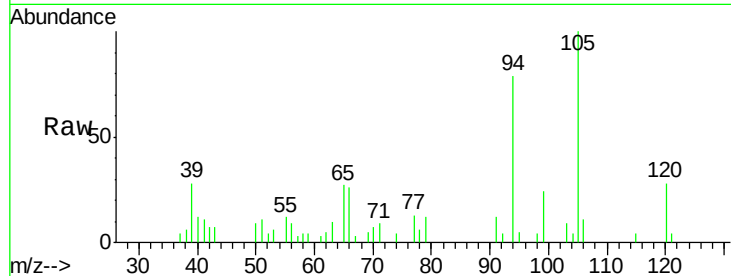
Tgt Ion: 94 Resp: 11740

Ion Ratio Lower Upper

94 100

65 34.5 18.8 58.8

66 32.5 39.9 79.9#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.81 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.09 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

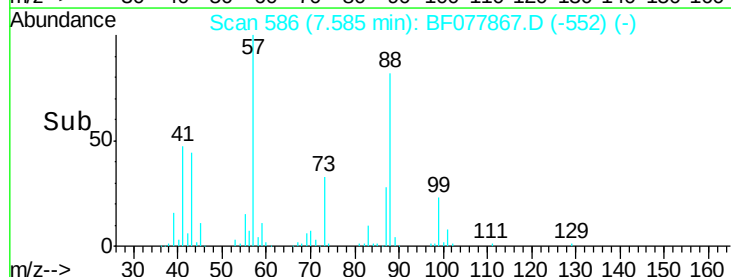
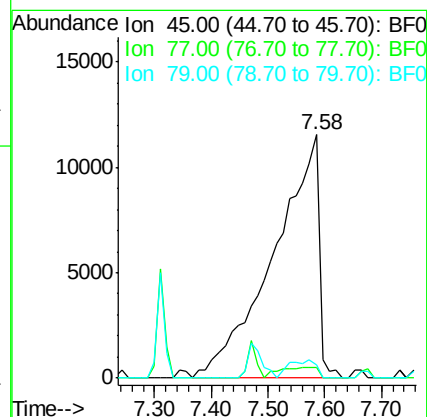
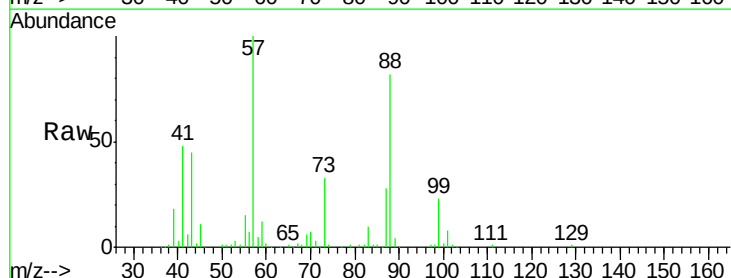
Tgt Ion: 45 Resp: 63286

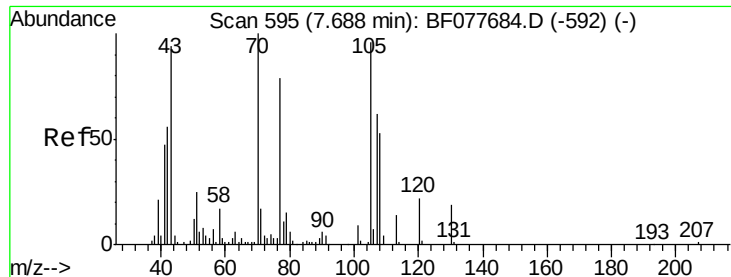
Ion Ratio Lower Upper

45 100

77 4.3 0.0 35.2

79 5.6 0.0 32.0

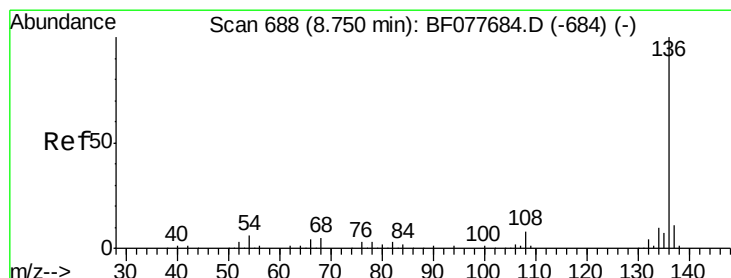
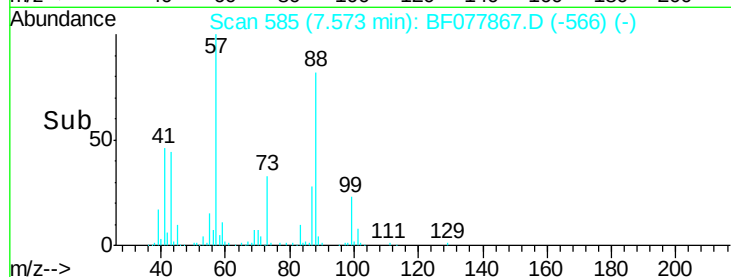
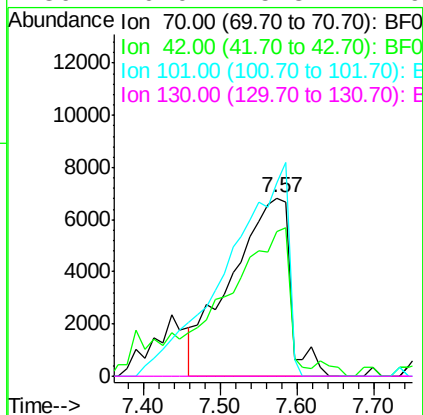
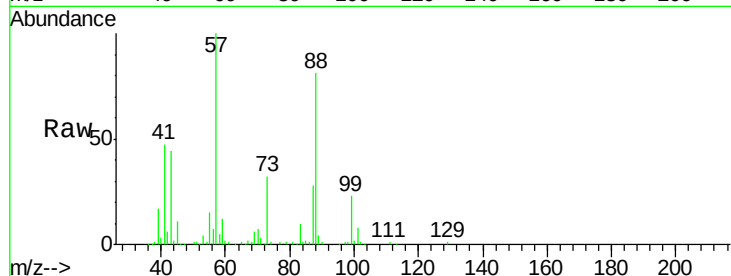




#19
n-Nitroso-di-n-propylamine
Concen: 15.61 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.08 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

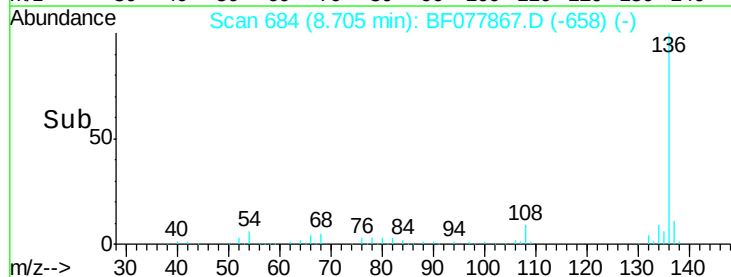
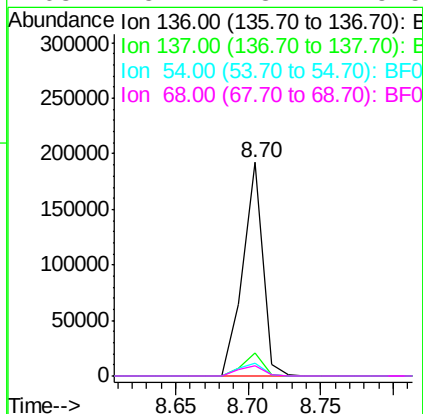
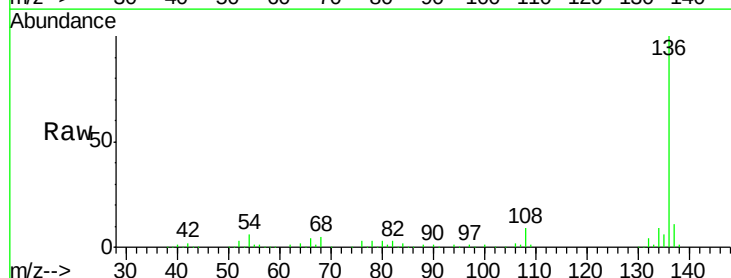
Instrument :
BNA_F
ClientSampleId :
Z2-0121

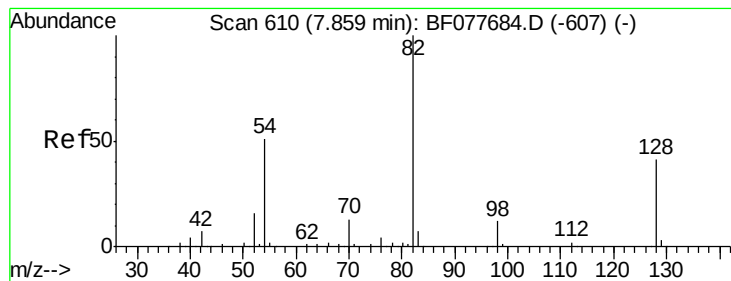
Tgt Ion: 70 Resp: 36214
Ion Ratio Lower Upper
70 100
42 81.2 44.5 66.7#
101 108.8 7.4 11.2#
130 0.0 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Tgt Ion: 136 Resp: 184656
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.0 4.6 6.8
68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 95.52 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

Z2-0121

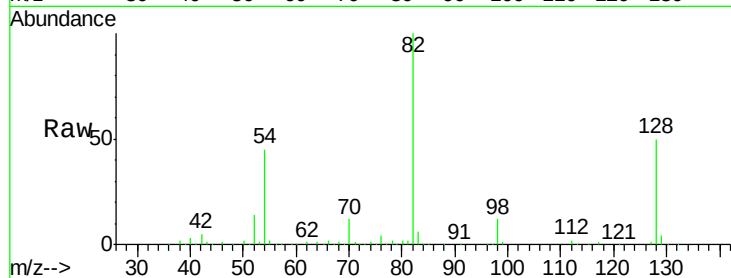
Tgt Ion: 82 Resp: 269091

Ion Ratio Lower Upper

82 100

128 49.6 32.8 49.2#

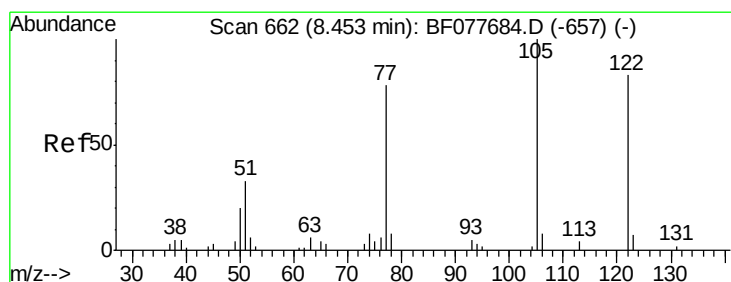
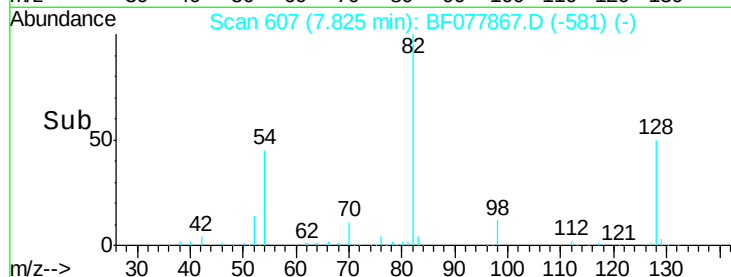
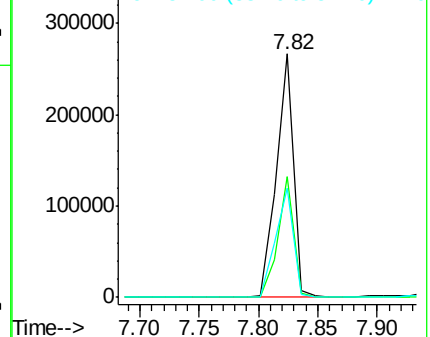
54 44.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 3.26 ng

RT: 8.41 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

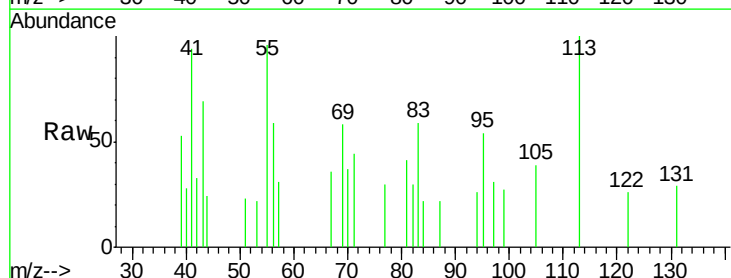
Tgt Ion: 122 Resp: 271

Ion Ratio Lower Upper

122 100

105 146.8 99.9 139.9#

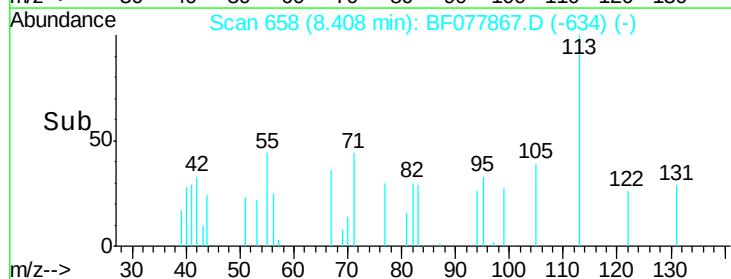
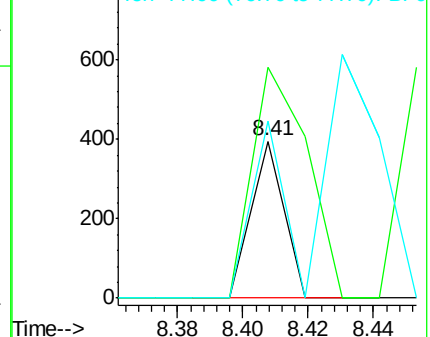
77 112.7 73.7 113.7

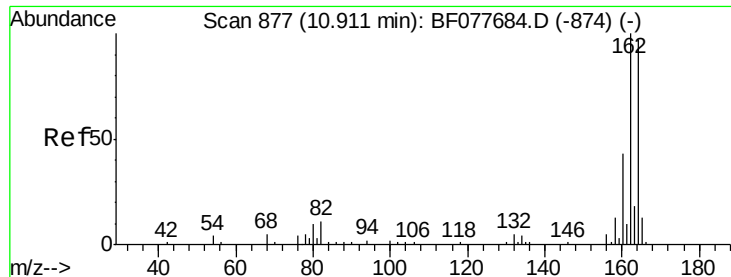


Abundance Ion 122.00 (121.70 to 122.70): E

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: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

Z2-0121

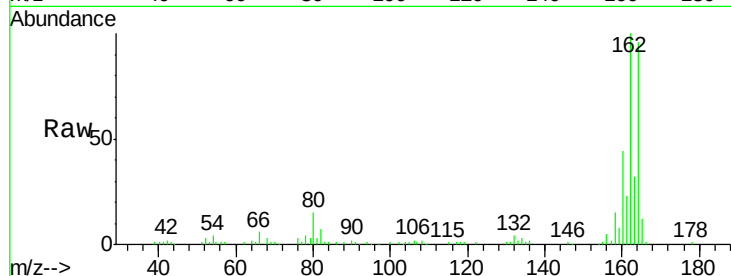
Tgt Ion:164 Resp: 96427

Ion Ratio Lower Upper

164 100

162 104.2 82.4 123.6

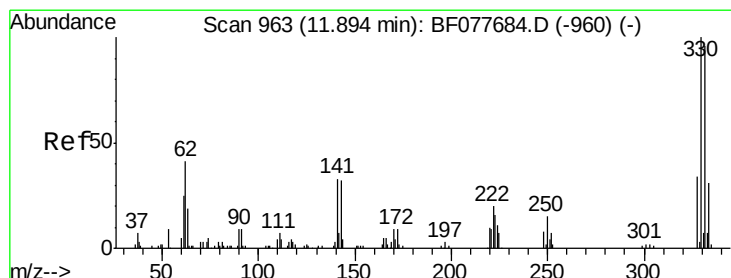
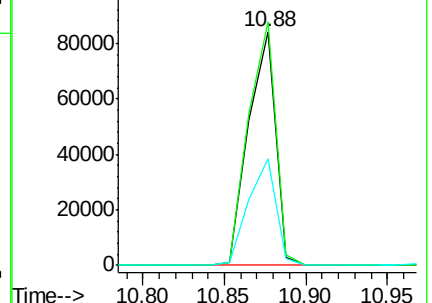
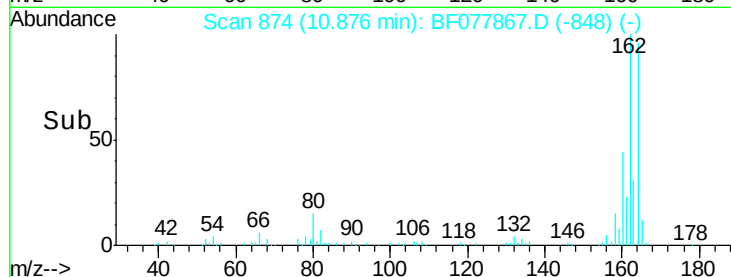
160 45.7 35.8 53.6



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: 122.57 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

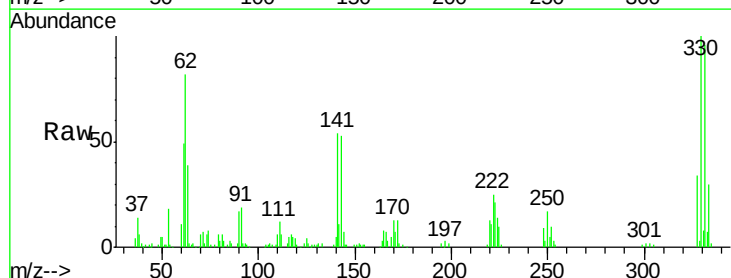
Tgt Ion:330 Resp: 113086

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

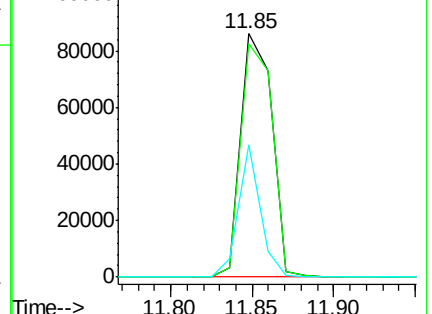
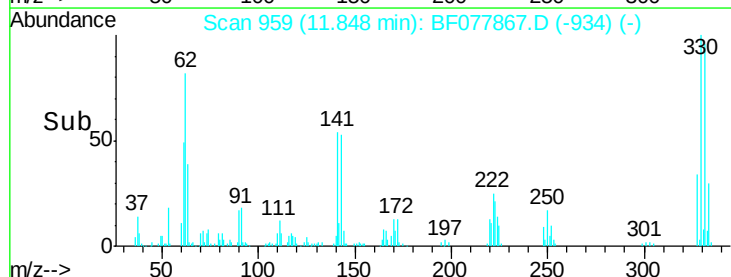
141 38.0 0.0 0.0#

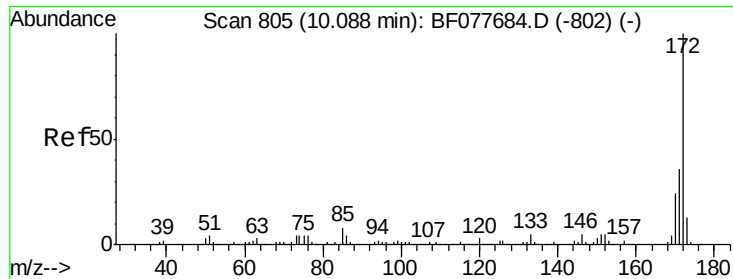


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

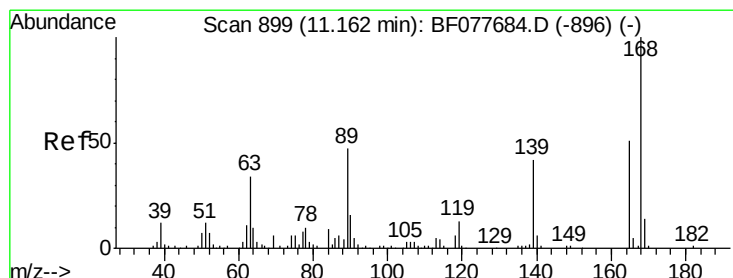
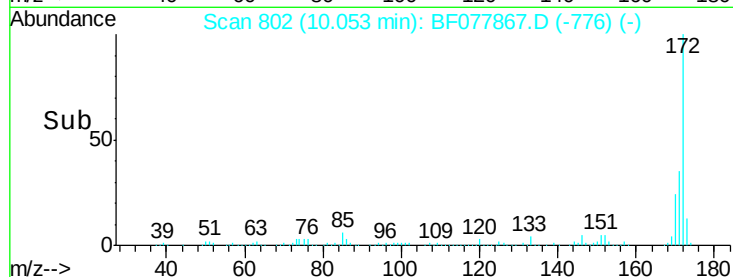
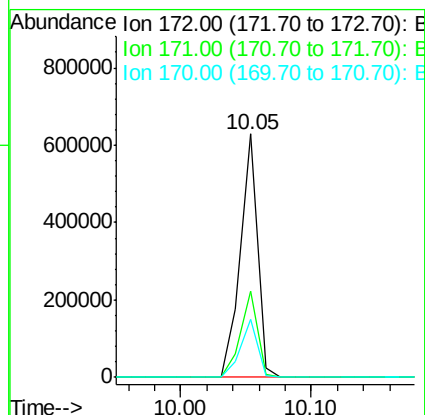
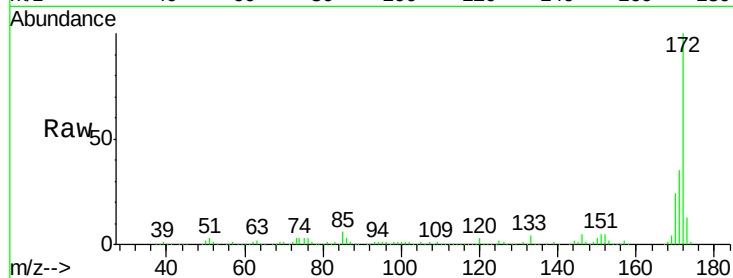




#44
2-Fluorobiphenyl
Concen: 86.92 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

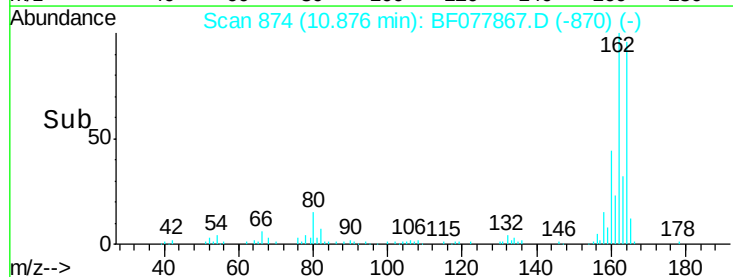
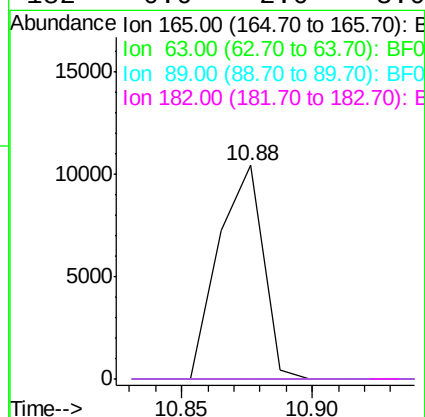
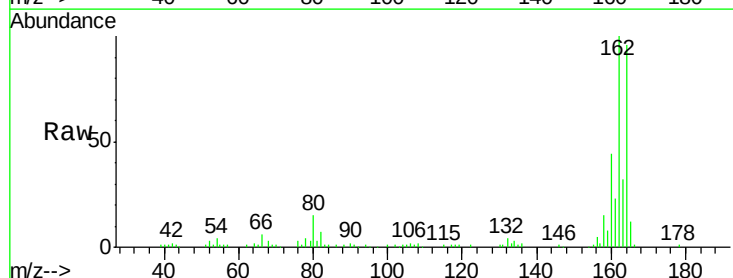
Instrument :
BNA_F
ClientSampleId :
Z2-0121

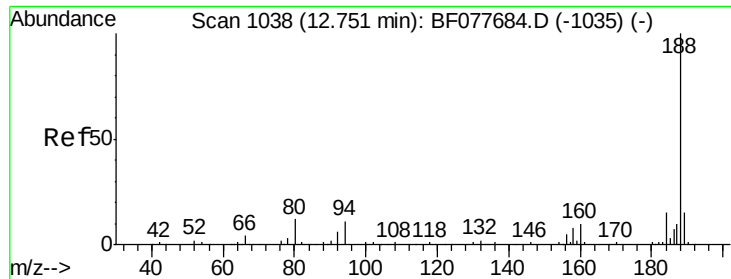
Tgt Ion:172 Resp: 570298
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 18.8 28.2



#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.25 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Tgt Ion:165 Resp: 12437
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#

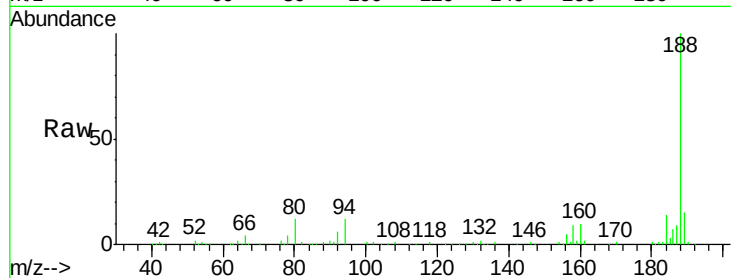




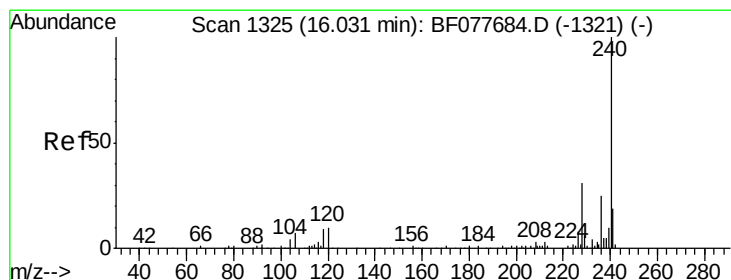
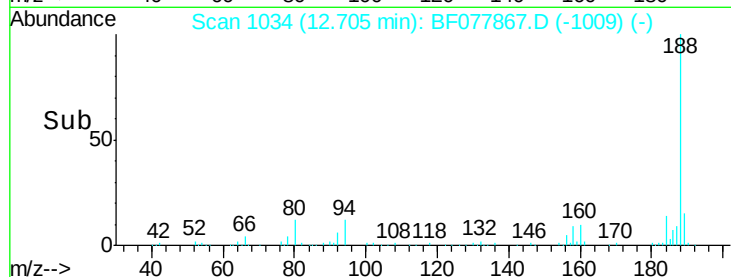
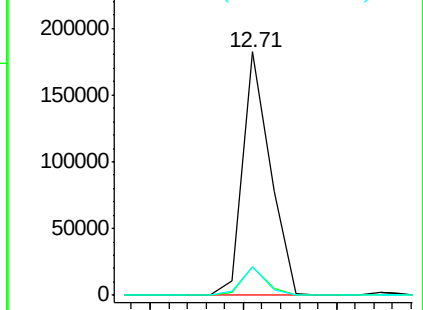
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
Z2-0121

Tgt Ion:188 Resp: 187675
Ion Ratio Lower Upper
188 100
94 11.5 8.7 13.1
80 11.9 9.3 13.9

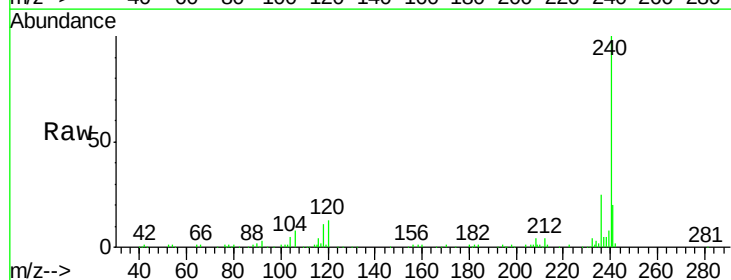


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

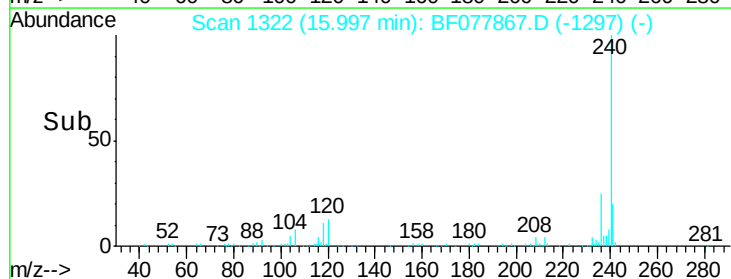
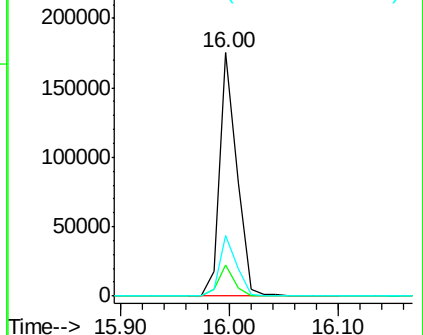


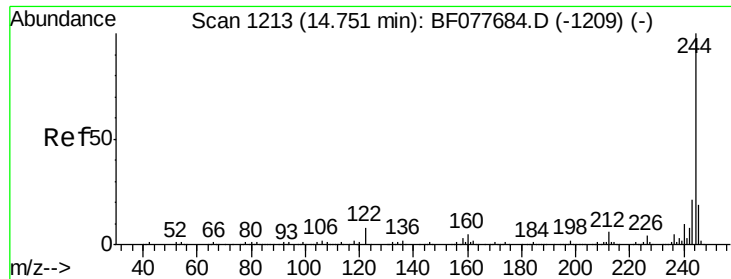
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Tgt Ion:240 Resp: 193974
Ion Ratio Lower Upper
240 100
120 12.8 8.2 12.2#
236 25.1 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

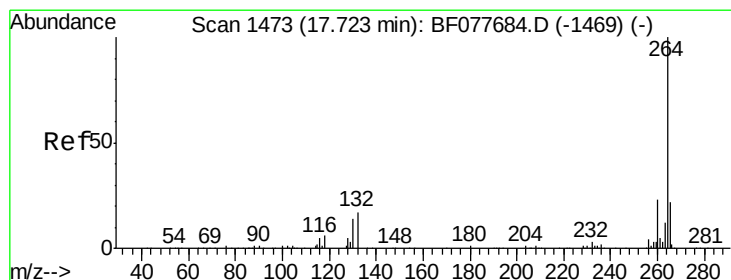
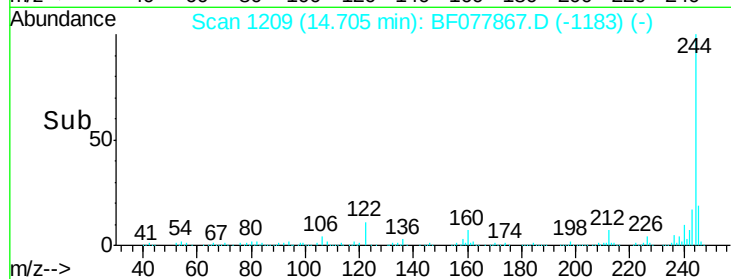
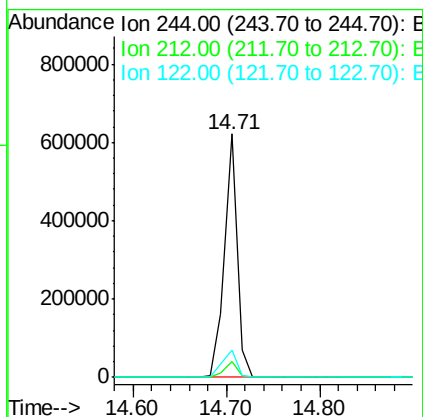
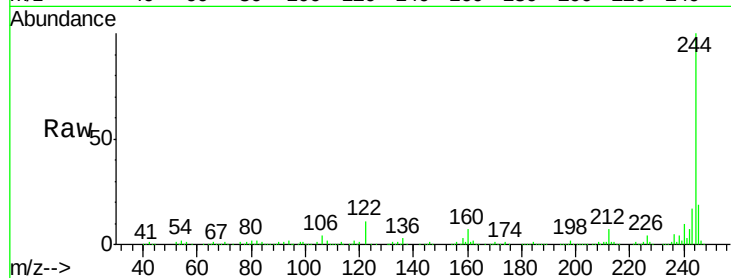




#78
 Terphenyl-d14
 Concen: 74.50 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077867.D
 Acq: 20 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0121

Tgt Ion: 244 Resp: 591587
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.9 7.3
 122 11.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. -0.06 min
 Lab File: BF077867.D
 Acq: 20 Mar 2015 17:04

Tgt Ion: 264 Resp: 184888
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.7 17.3 25.9

