

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079033.D
 Acq On : 8 May 2015 10:54
 Operator : TP/IZ
 Sample : G2130-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 12:47:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

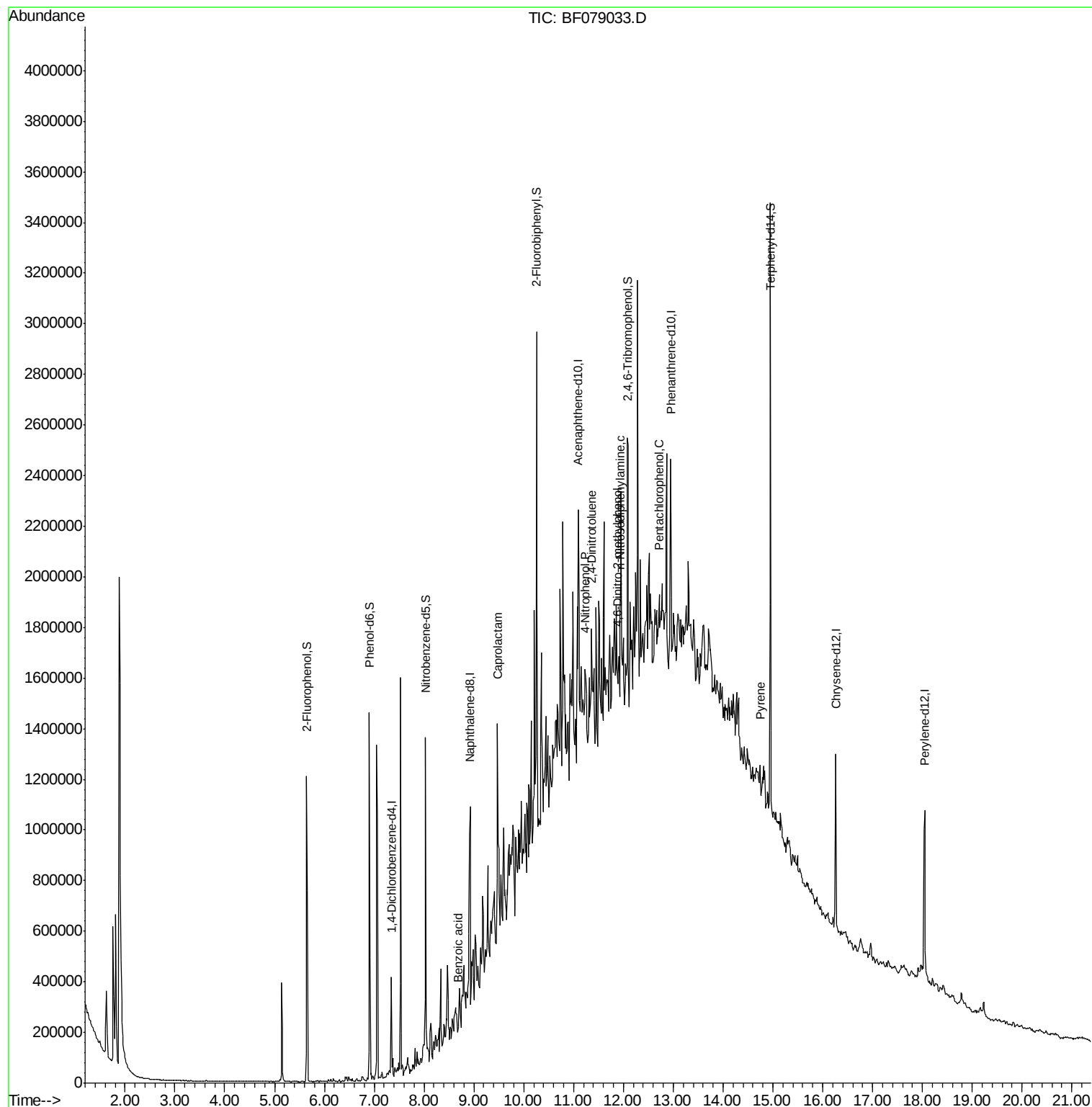
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	77467	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	322116	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	158221	20.00	ng	-0.03
63) Phenanthrene-d10	12.95	188	310544	20.00	ng	-0.02
75) Chrysene-d12	16.26	240	357012	20.00	ng	-0.03
86) Perylene-d12	18.05	264	364669	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	425190	94.48	ng	-0.02
7) Phenol-d6	6.90	99	518237	87.12	ng	-0.02
23) Nitrobenzene-d5	8.03	82	376561	67.19	ng	-0.03
41) 2,4,6-Tribromophenol	12.09	330	174633	102.03	ng	-0.02
44) 2-Fluorobiphenyl	10.26	172	708338	62.37	ng	-0.03
78) Terphenyl-d14	14.95	244	891674	59.80	ng	-0.02
Target Compounds						
32) Benzoic acid	8.68	122	3697	7.43	ng	# 40
35) Caprolactam	9.47	113	13236	10.00	ng	# 1
53) 2,4-Dinitrophenol	11.11	184	210	Below Cal		# 1
55) 4-Nitrophenol	11.24	139	8155	3.60	ng	# 1
56) 2,4-Dinitrotoluene	11.36	165	10204	3.37	ng	# 46
64) 4,6-Dinitro-2-methylphenol	11.87	198	1381	2.37	ng	# 1
65) n-Nitrosodiphenylamine	11.93	169	118605	11.47	ng	# 41
69) Pentachlorophenol	12.72	266	218	6.93	ng	# 1
77) Pyrene	14.74	202	53468	2.60	ng	# 92

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

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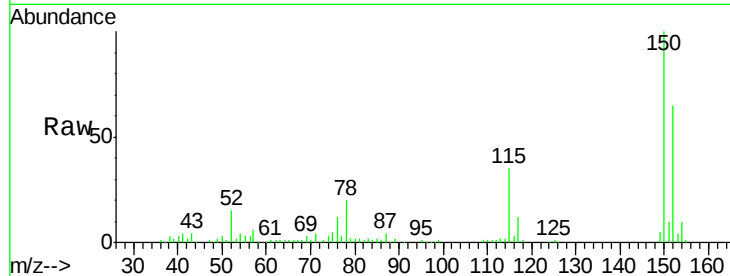


#1

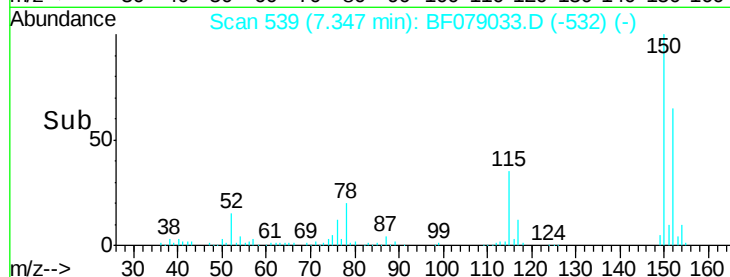
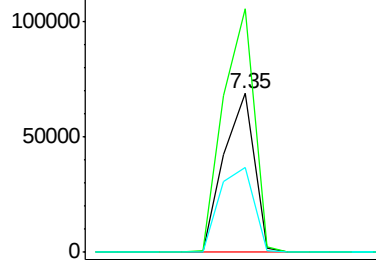
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF079033.D
Acq: 8 May 2015 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77467
Ion Ratio Lower Upper
152 100
150 153.5 122.0 183.0
115 53.7 46.3 69.5



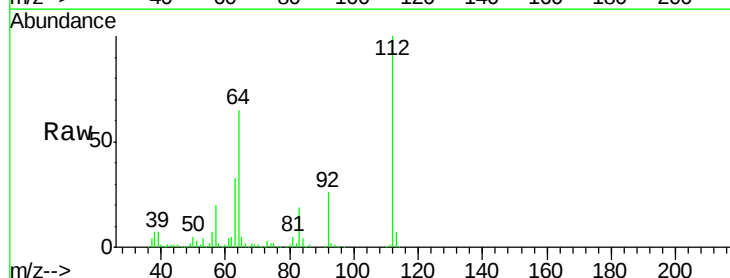
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



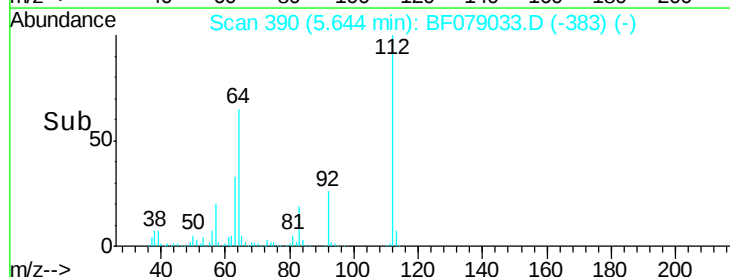
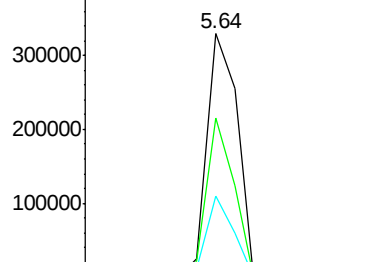
#5

2-Fluorophenol
Concen: 94.48 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF079033.D
Acq: 8 May 2015 10:54

Tgt Ion:112 Resp: 425190
Ion Ratio Lower Upper
112 100
64 65.3 53.5 80.3
63 33.3 27.5 41.3



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: 87.12 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

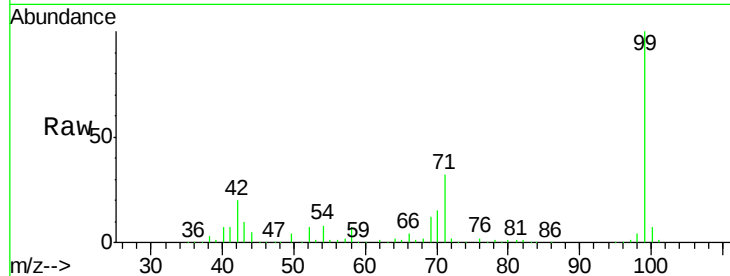
Tot Ion: 99 Resp: 518237

Ion Ratio Lower Upper

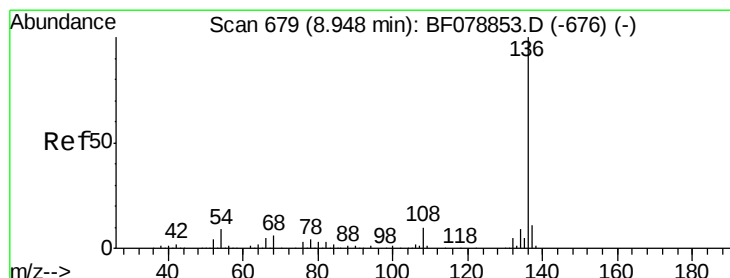
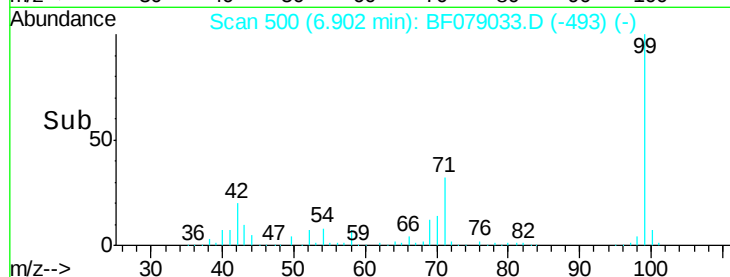
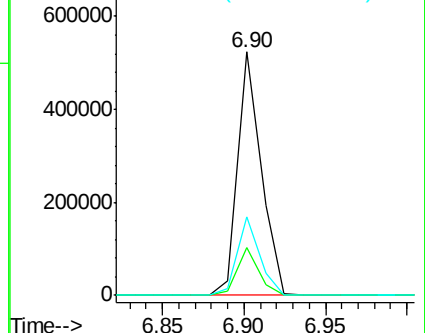
99 100

42 19.7 12.8 19.2#

71 32.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

Tgt Ion: 136 Resp: 322116

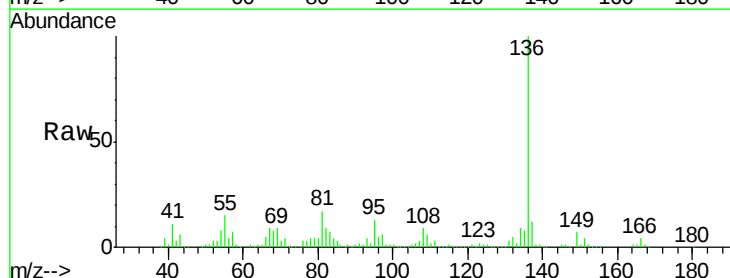
Ion Ratio Lower Upper

136 100

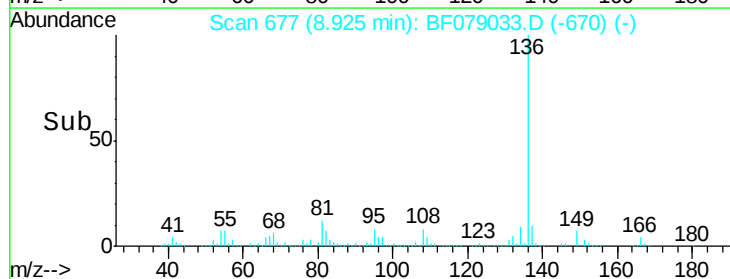
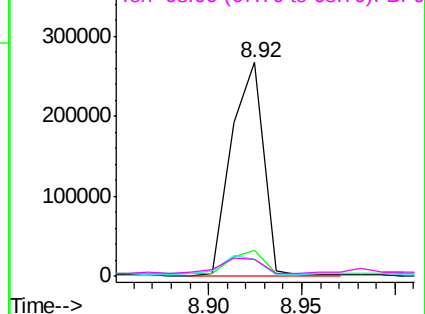
137 11.8 8.7 13.1

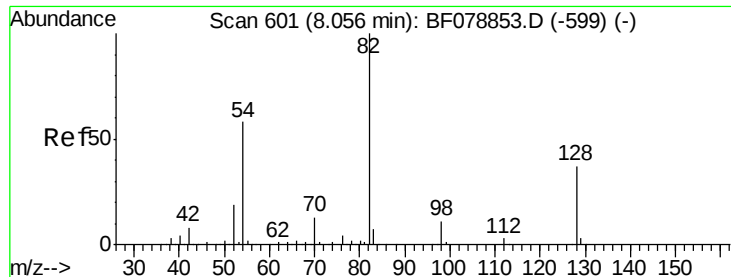
54 8.0 5.8 8.8

68 7.6 4.2 6.4#



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

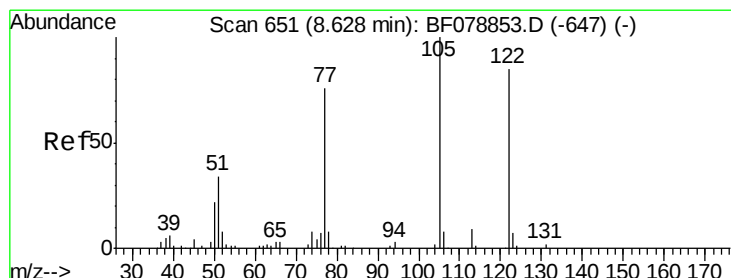
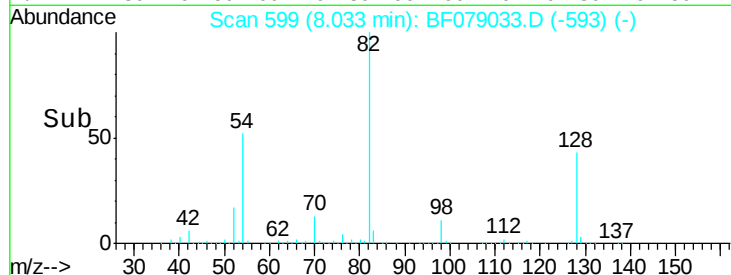
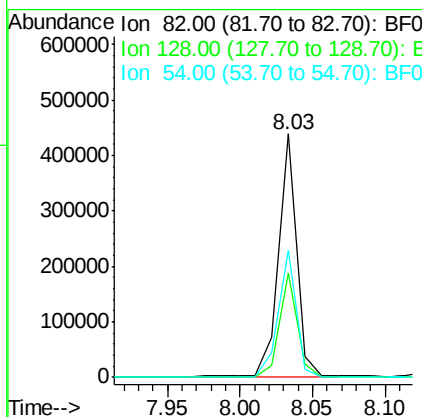
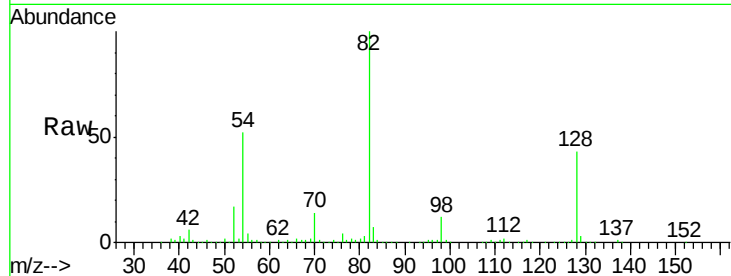




#23
 Nitrobenzene-d5
 Concen: 67.19 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF079033.D
 Acq: 8 May 2015 10:54

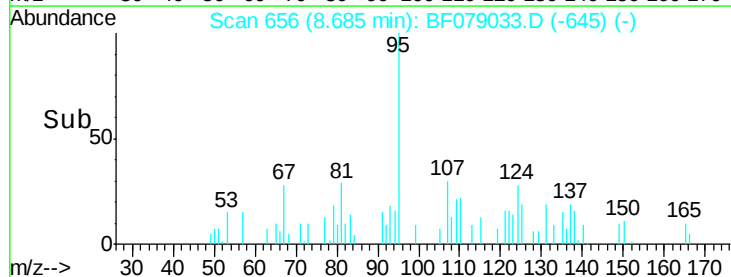
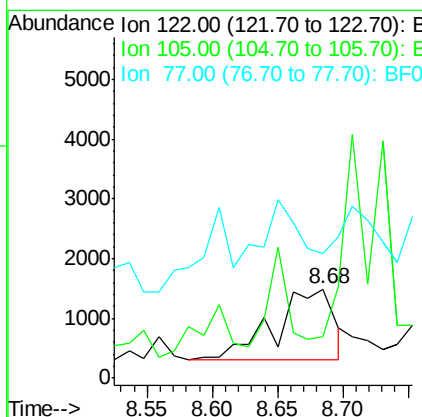
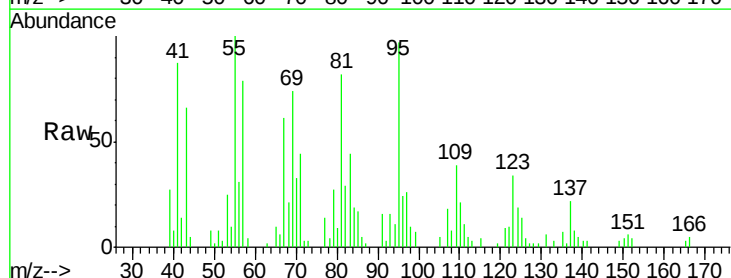
Instrument :
 BNA_F
 ClientSampleId :

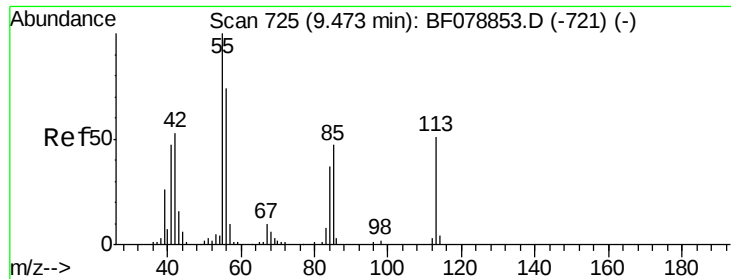
Tot Ion: 82 Resp: 376561
 Ion Ratio Lower Upper
 82 100
 128 42.9 30.0 45.0
 54 52.2 46.4 69.6



#32
 Benzoic acid
 Concen: 7.43 ng
 RT: 8.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: BF079033.D
 Acq: 8 May 2015 10:54

Tgt Ion: 122 Resp: 3697
 Ion Ratio Lower Upper
 122 100
 105 47.1 107.1 147.1#
 77 140.0 73.9 113.9#

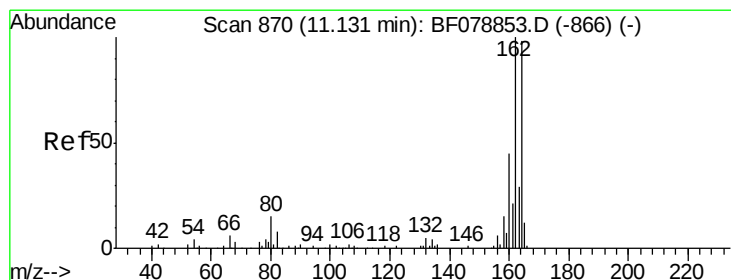
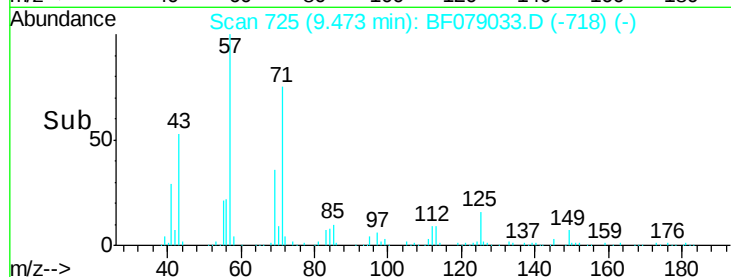
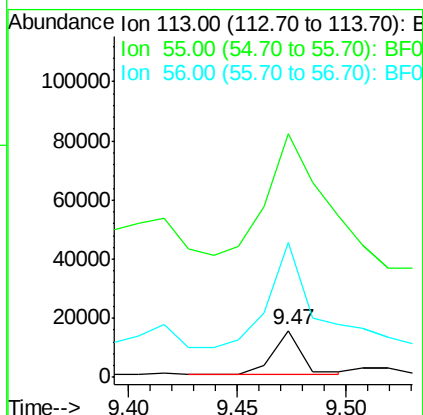
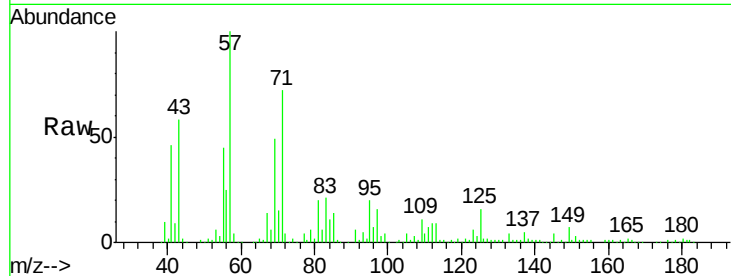




#35
 Caprolactam
 Concen: 10.00 ng
 RT: 9.47 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF079033.D
 Acq: 8 May 2015 10:54

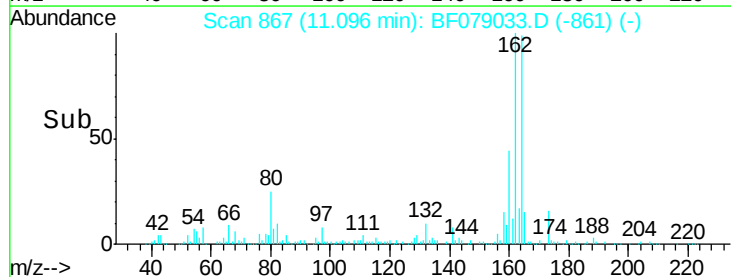
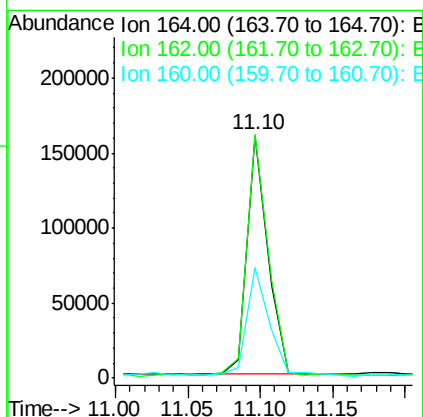
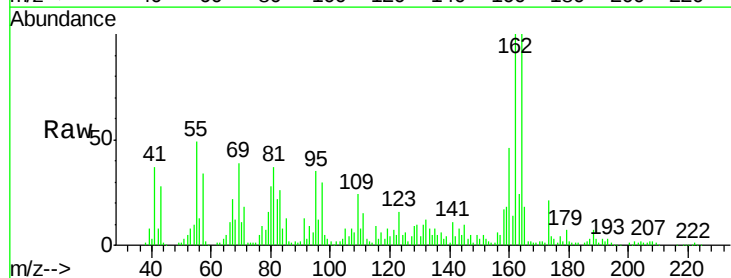
Instrument :
 BNA_F
 ClientSampleId :

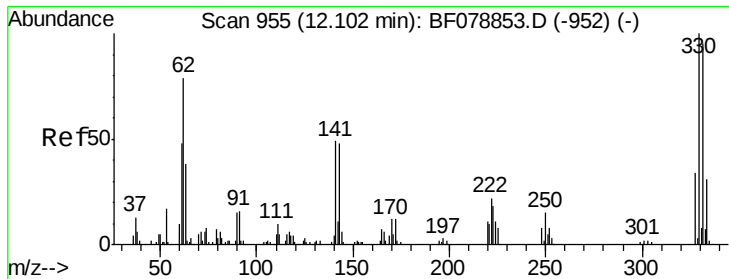
Tot Ion:113 Resp: 13236
 Ion Ratio Lower Upper
 113 100
 55 522.0 169.7 209.7#
 56 289.5 122.5 162.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.03 min
 Lab File: BF079033.D
 Acq: 8 May 2015 10:54

Tgt Ion:164 Resp: 158221
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.7 124.1
 160 45.8 35.8 53.8

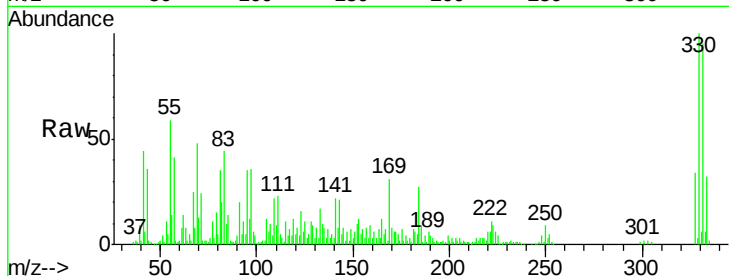




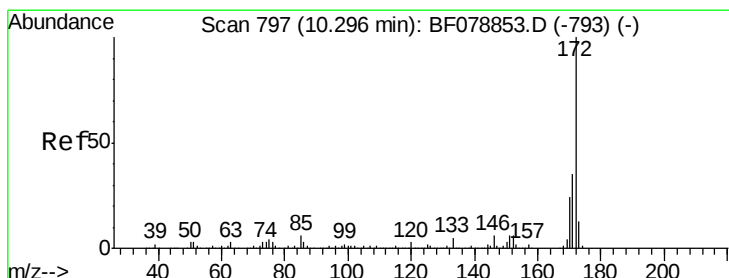
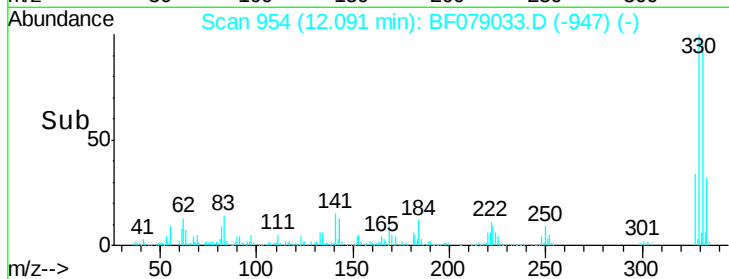
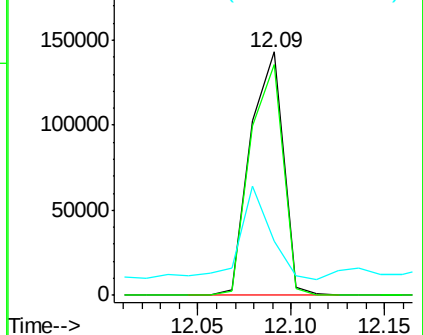
#41
 2,4,6-Tribromophenol
 Concen: 102.03 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF079033.D
 Acq: 8 May 2015 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 174633
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 38.0 0.0 0.0#

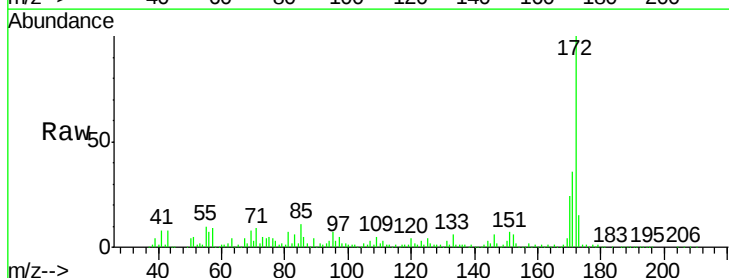


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

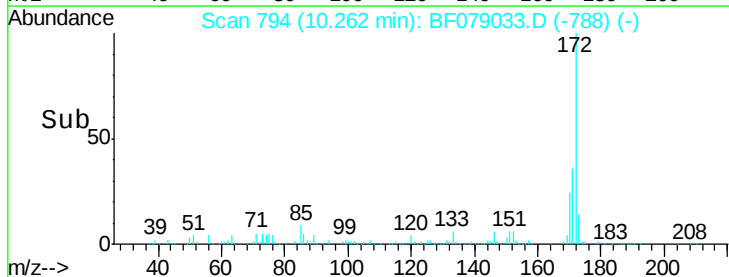
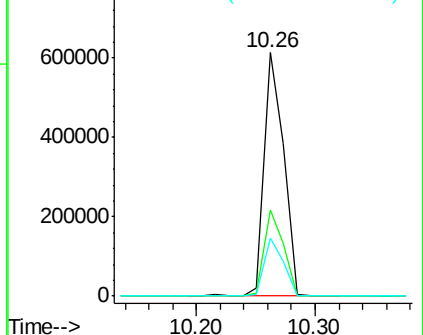


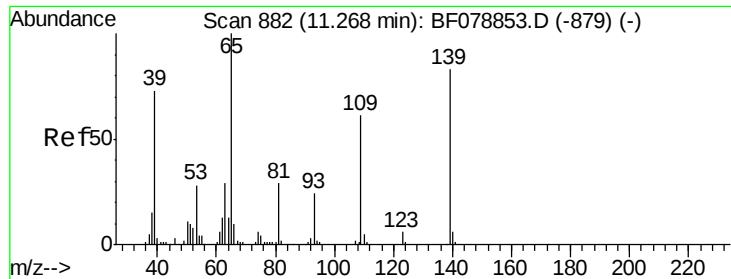
#44
 2-Fluorobiphenyl
 Concen: 62.37 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF079033.D
 Acq: 8 May 2015 10:54

Tgt Ion:172 Resp: 708338
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 24.1 19.4 29.0



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

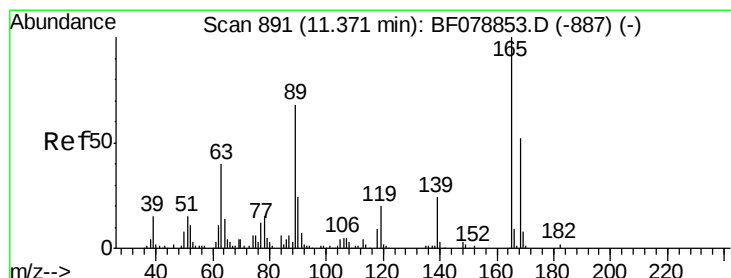
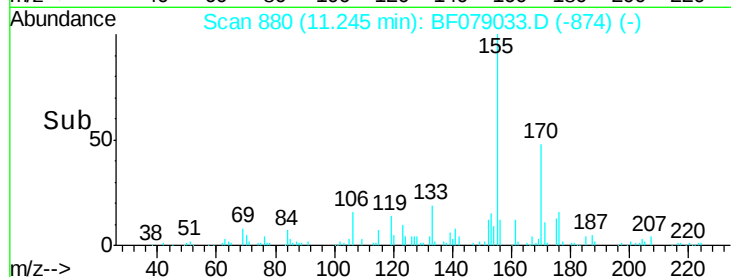
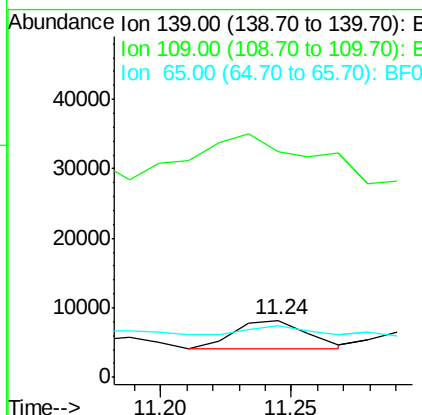
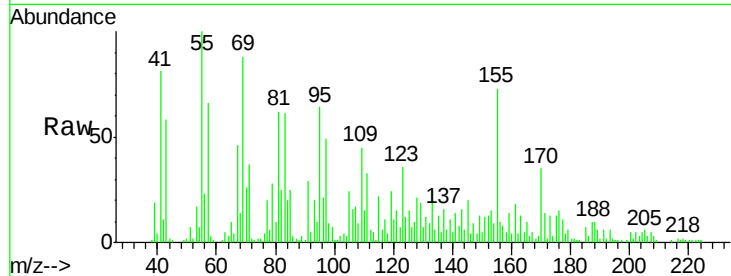




#55
4-Nitrophenol
Concen: 3.60 ng
RT: 11.24 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF079033.D
Acq: 8 May 2015 10:54

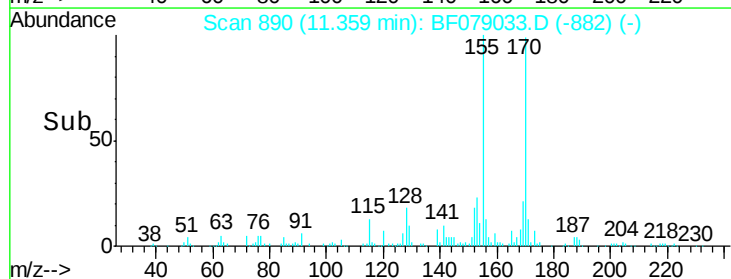
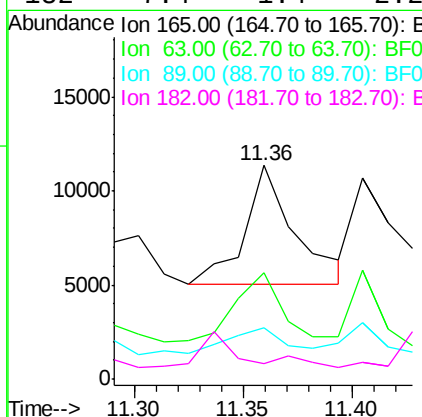
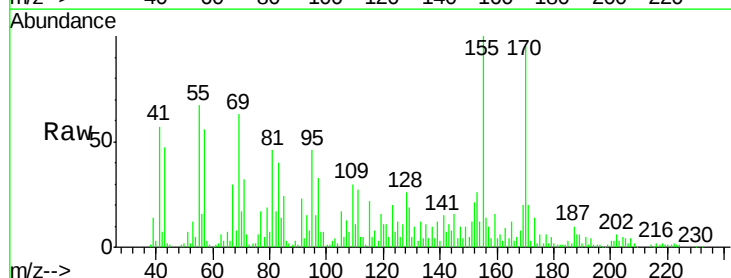
Instrument :
BNA_F
ClientSampled :

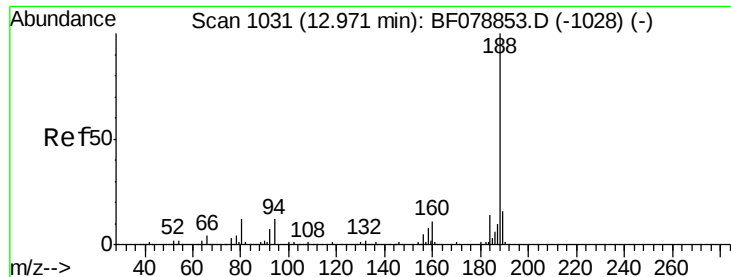
Tot Ion:139 Resp: 8155
Ion Ratio Lower Upper
139 100
109 396.7 47.6 87.6#
65 89.7 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 3.37 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF079033.D
Acq: 8 May 2015 10:54

Tgt Ion:165 Resp: 10204
Ion Ratio Lower Upper
165 100
63 50.0 51.2 76.8#
89 24.1 82.7 124.1#
182 7.4 1.4 2.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

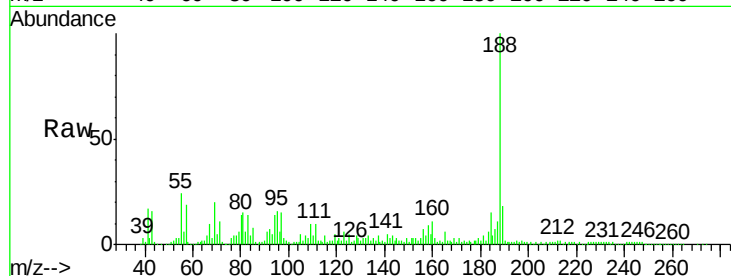
Tot Ion:188 Resp: 310544

Ion Ratio Lower Upper

188 100

94 13.9 8.2 12.2#

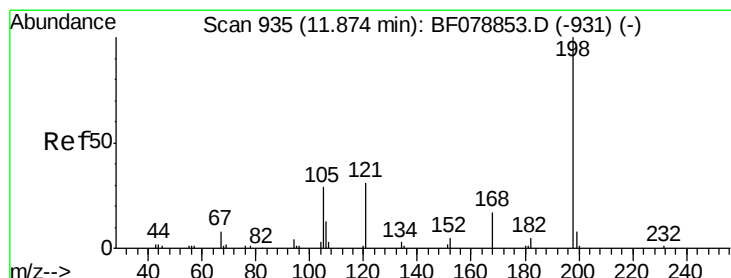
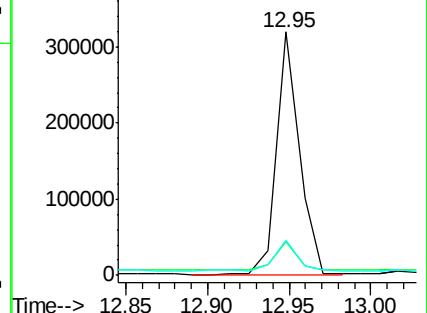
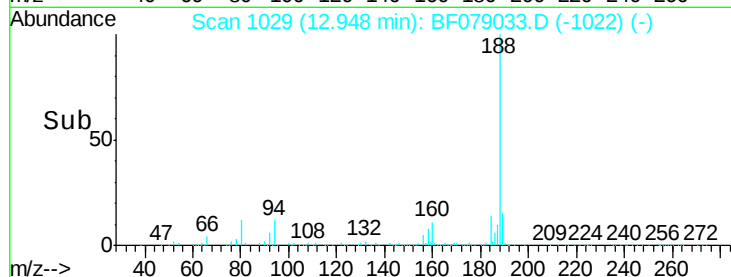
80 14.2 8.9 13.3#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.37 ng

RT: 11.87 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

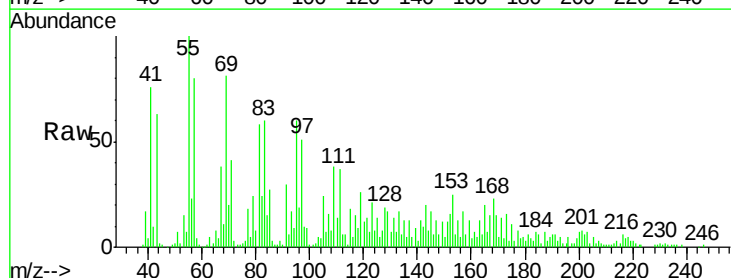
Tgt Ion:198 Resp: 1381

Ion Ratio Lower Upper

198 100

51 402.9 47.3 87.3#

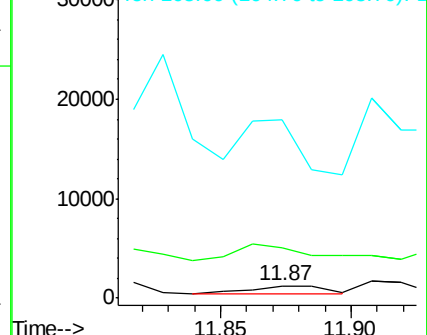
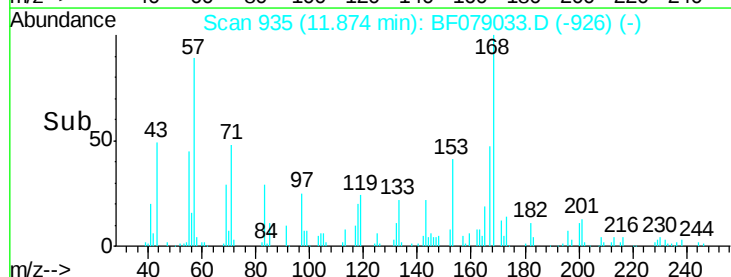
105 1427.8 38.8 78.8#

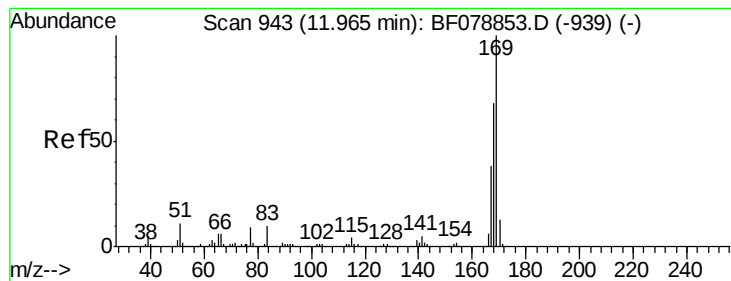


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 11.47 ng

RT: 11.93 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

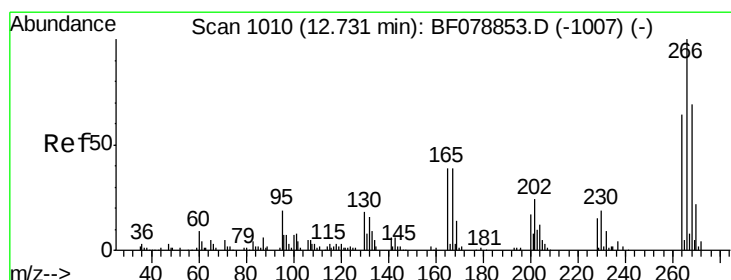
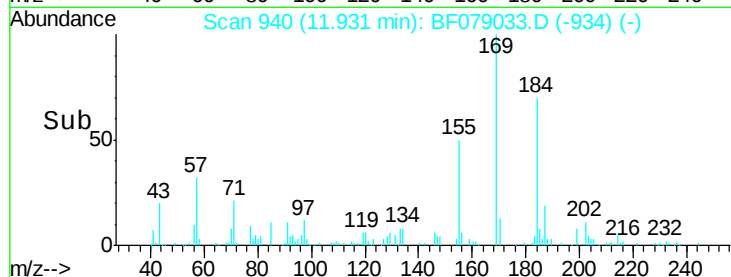
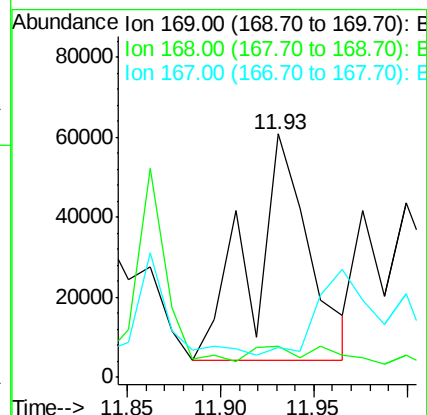
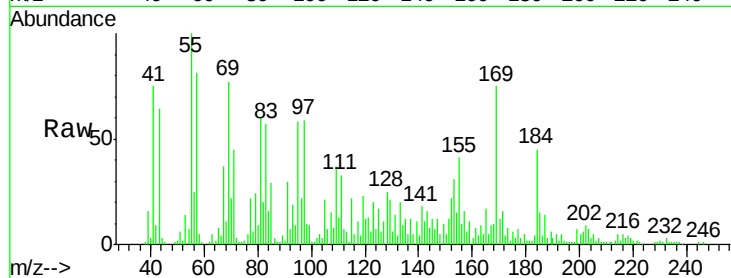
Tot Ion:169 Resp: 118605

Ion Ratio Lower Upper

169 100

168 13.0 54.6 82.0#

167 12.3 30.6 45.8#



#69

Pentachlorophenol

Concen: 6.93 ng

RT: 12.72 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

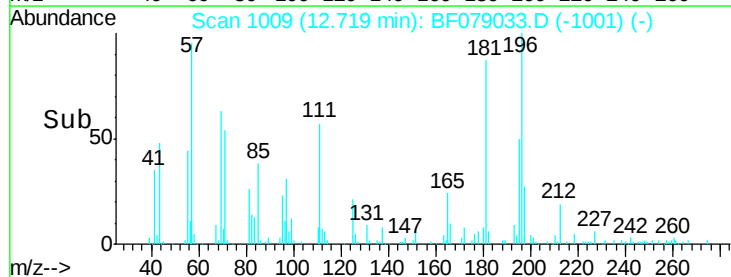
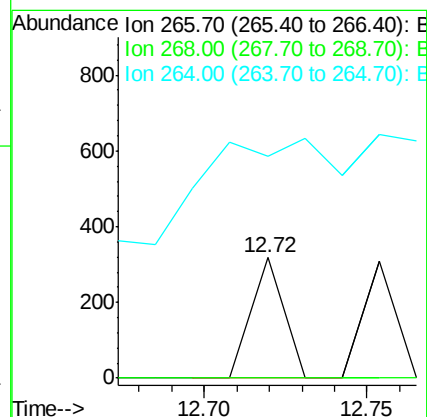
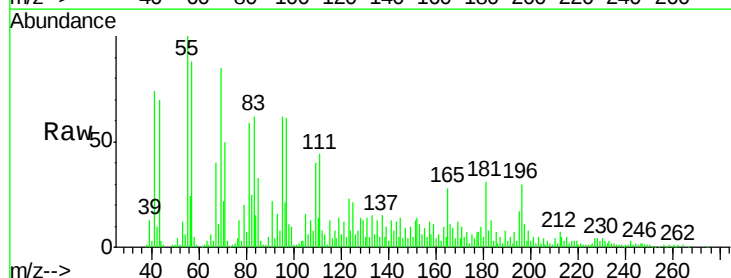
Tgt Ion:266 Resp: 218

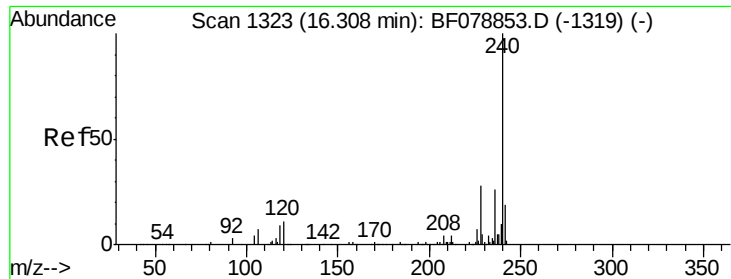
Ion Ratio Lower Upper

266 100

268 0.0 55.0 82.6#

264 184.0 48.2 72.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

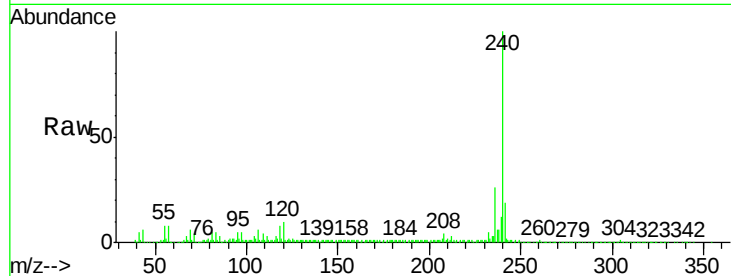
Tot Ion:240 Resp: 357012

Ion Ratio Lower Upper

240 100

120 9.8 9.7 14.5

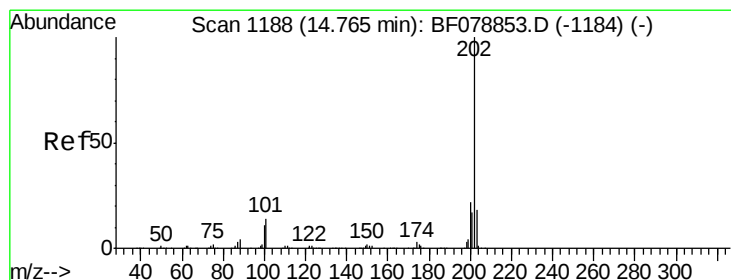
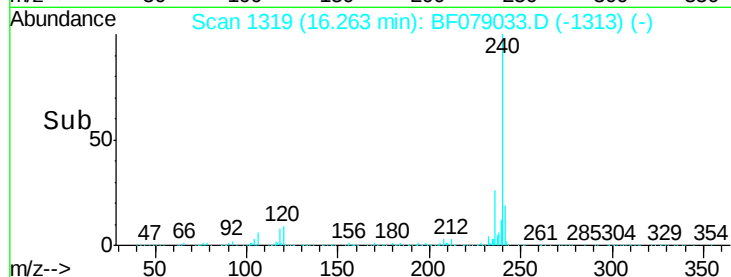
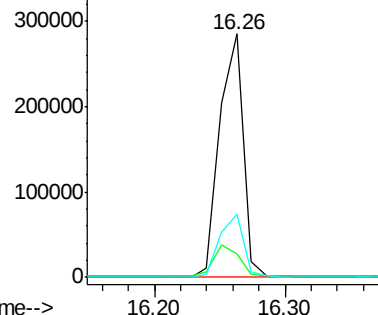
236 25.8 20.2 30.4



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



#77

Pyrene

Concen: 2.60 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

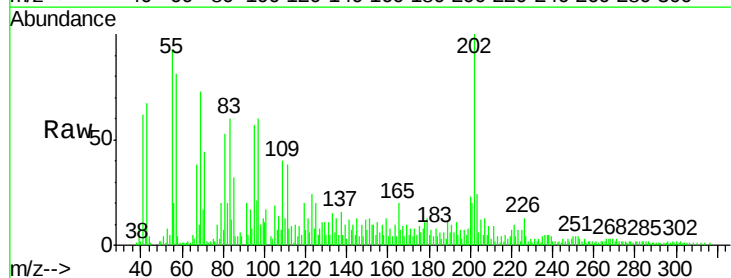
Tgt Ion:202 Resp: 53468

Ion Ratio Lower Upper

202 100

200 22.8 17.5 26.3

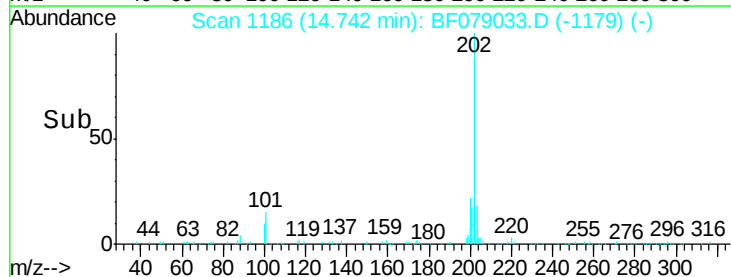
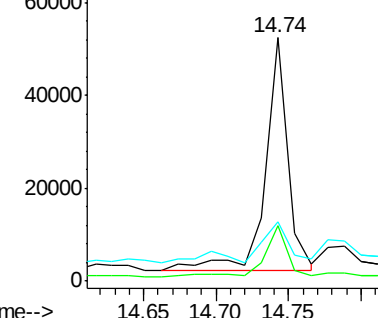
203 24.4 13.9 20.9#

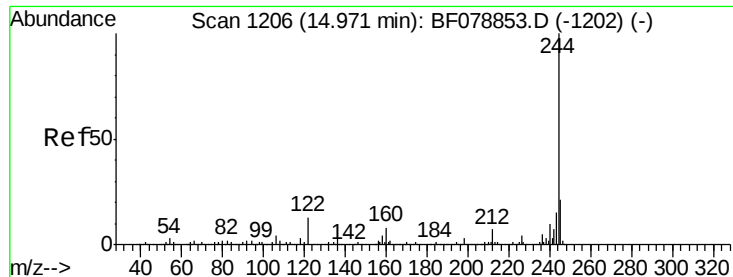


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.80 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

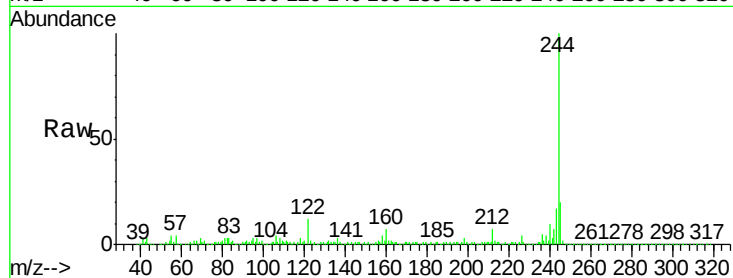
Tot Ion:244 Resp: 891674

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

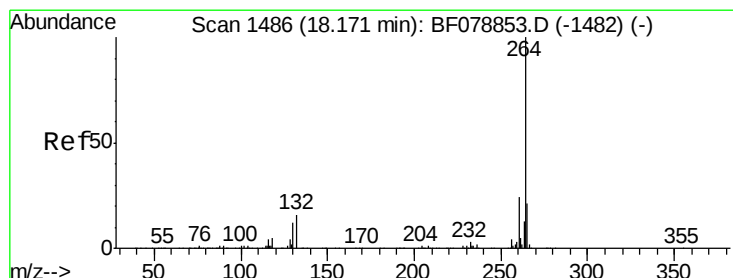
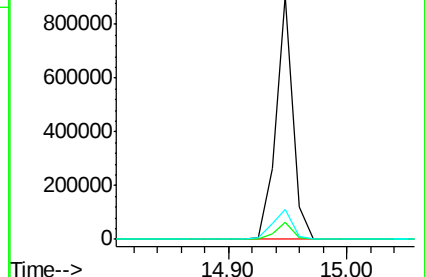
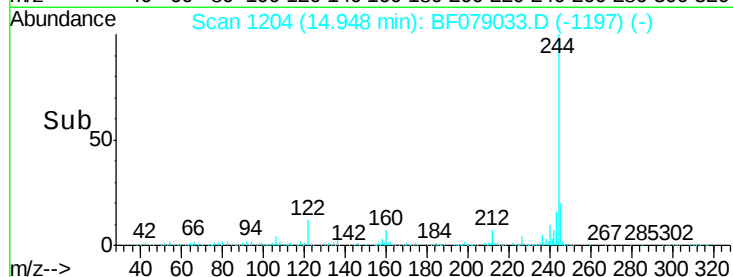
122 12.4 10.3 15.5



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: 18.05 min Scan# 1475

Delta R.T. -0.07 min

Lab File: BF079033.D

Acq: 8 May 2015 10:54

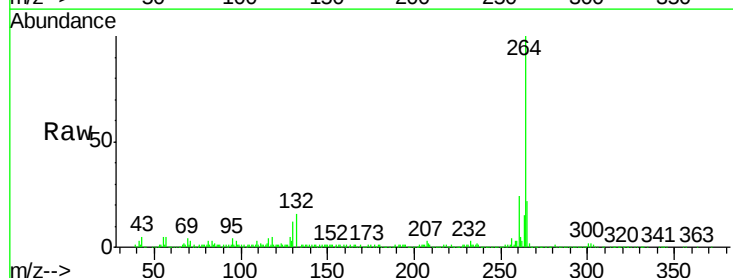
Tgt Ion:264 Resp: 364669

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 18.3 27.5



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

