

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079712.D
 Acq On : 4 Jun 2015 20:04
 Operator : TP/IZ
 Sample : G2491-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW007-150601

Quant Time: Jun 06 01:50:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

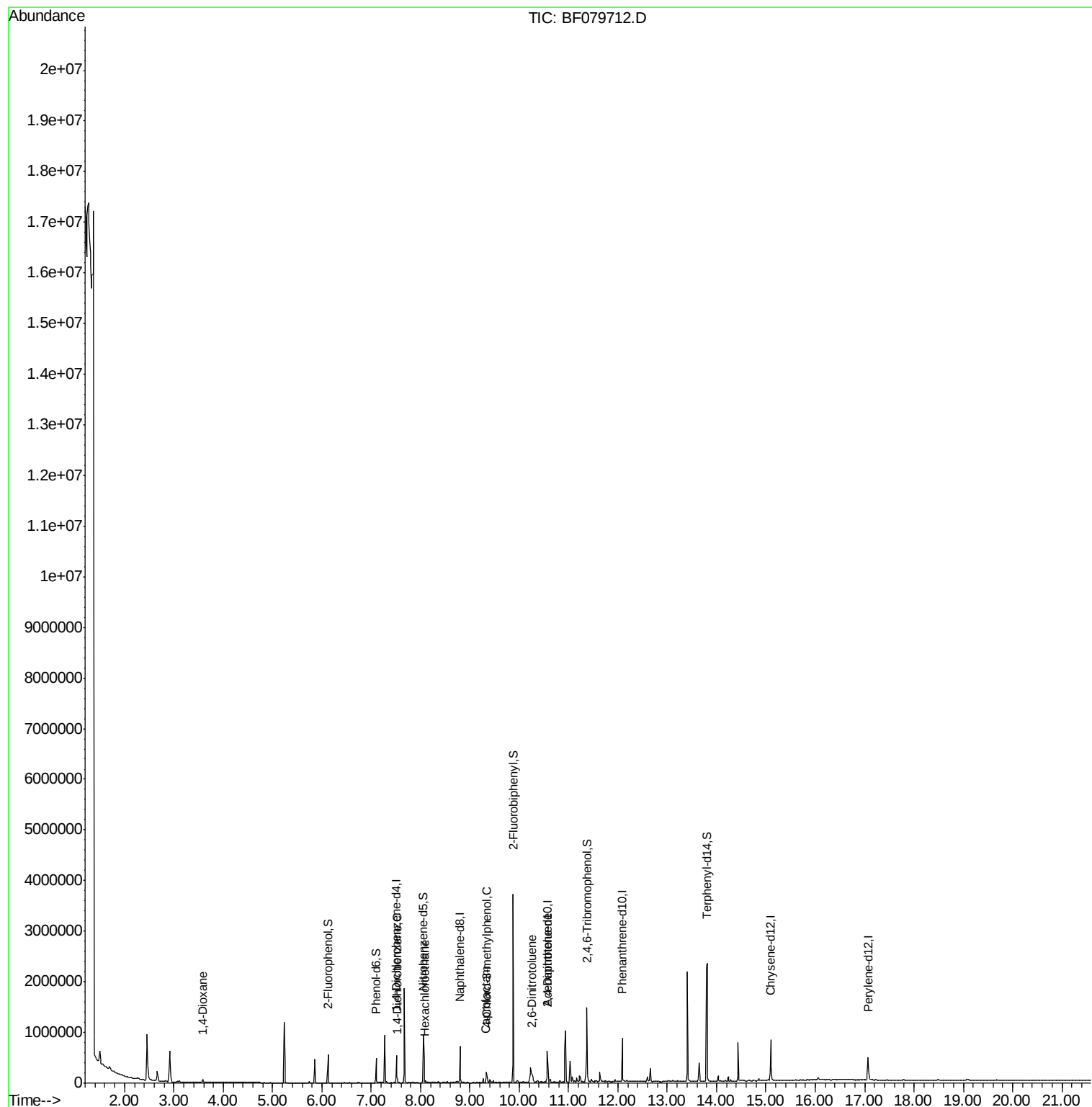
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	72286	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	282468	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	141880	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	311438	20.00	ng	-0.01
75) Chrysene-d12	15.10	240	321077	20.00	ng	-0.07
86) Perylene-d12	17.07	264	296701	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	167014	39.62	ng	0.00
7) Phenol-d6	7.10	99	144179	26.27	ng	0.00
23) Nitrobenzene-d5	8.06	82	332225	71.61	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	160521	125.99	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	934610	95.37	ng	0.00
78) Terphenyl-d14	13.81	244	1150873	84.45	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	31818	16.71	ng	96
13) 1,4-Dichlorobenzene	7.53	146	25354	4.32	ng	96
18) Hexachloroethane	8.08	117	5715	3.10	ng	# 27
35) Caprolactam	9.32	113	2426	2.01	ng	# 53
36) 4-Chloro-3-methylphenol	9.34	107	32280	7.73	ng	# 13
50) 2,6-Dinitrotoluene	10.25	165	245	3.16	ng	# 23
56) 2,4-Dinitrotoluene	10.57	165	18346	7.92	ng	# 33

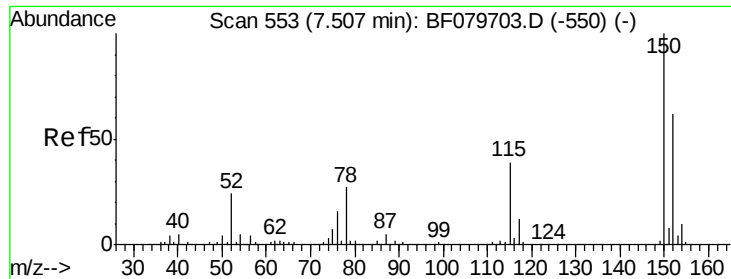
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SS043MW007-150601

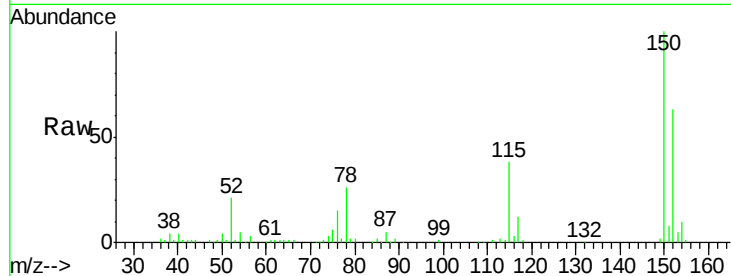
Tgt Ion:152 Resp: 72286

Ion Ratio Lower Upper

152 100

150 157.8 128.1 192.1

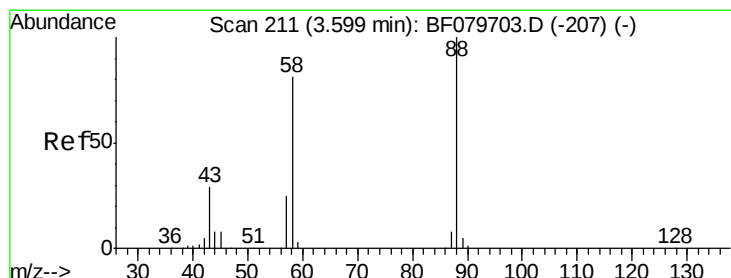
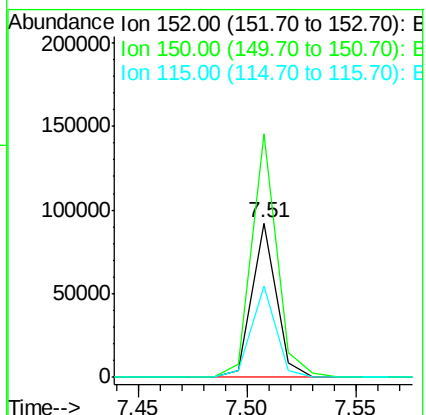
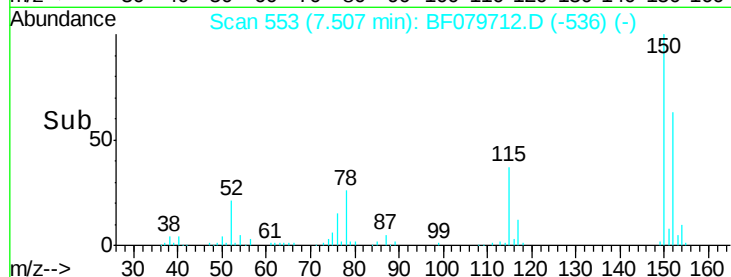
115 59.6 49.7 74.5



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



#2

1,4-Dioxane

Concen: 16.71 ng

RT: 3.59 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

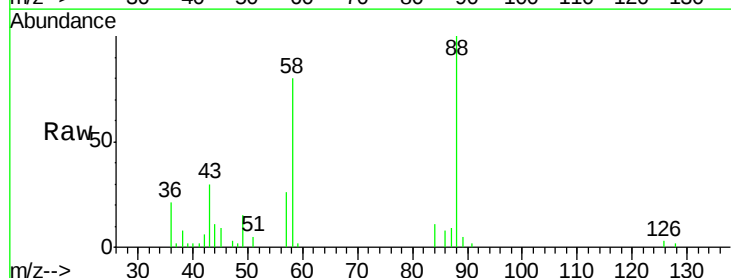
Tgt Ion: 88 Resp: 31818

Ion Ratio Lower Upper

88 100

58 84.0 64.2 96.4

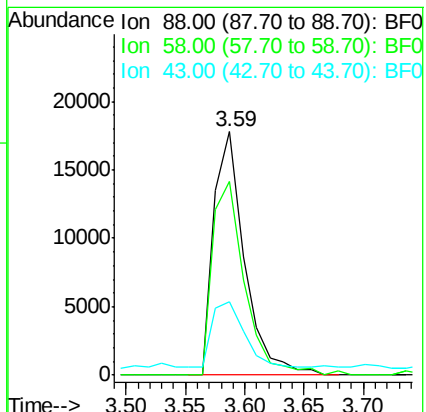
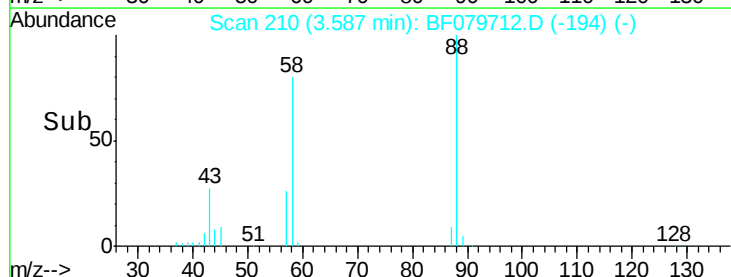
43 29.7 25.1 37.7

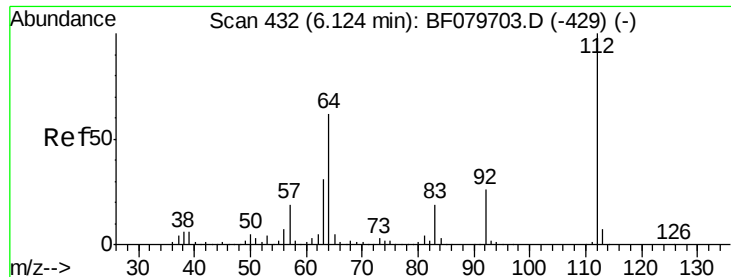


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 39.62 ng

RT: 6.12 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

Instrument :

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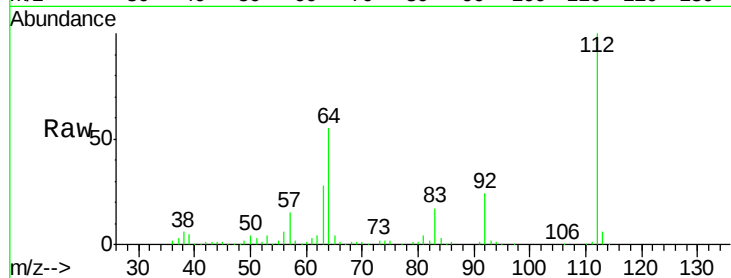
Tgt Ion: 112 Resp: 167014

Ion Ratio Lower Upper

112 100

64 54.5 49.6 74.4

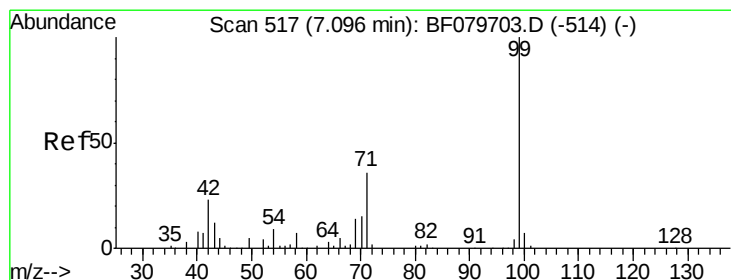
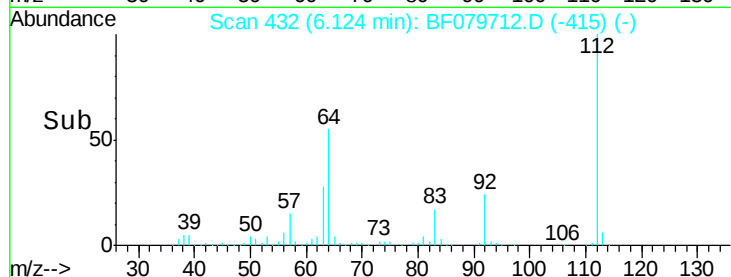
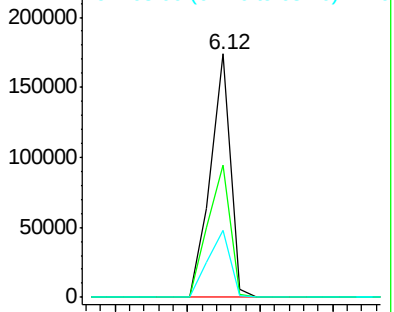
63 27.6 24.9 37.3



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: 26.27 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

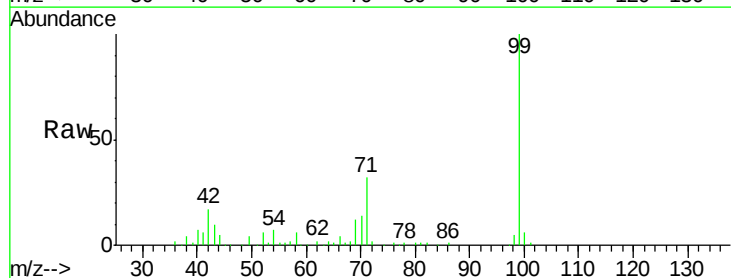
Tgt Ion: 99 Resp: 144179

Ion Ratio Lower Upper

99 100

42 17.4 18.0 27.0#

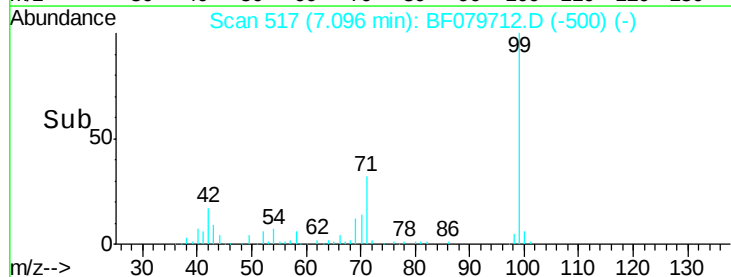
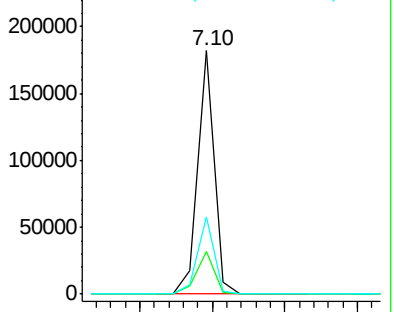
71 31.9 28.4 42.6

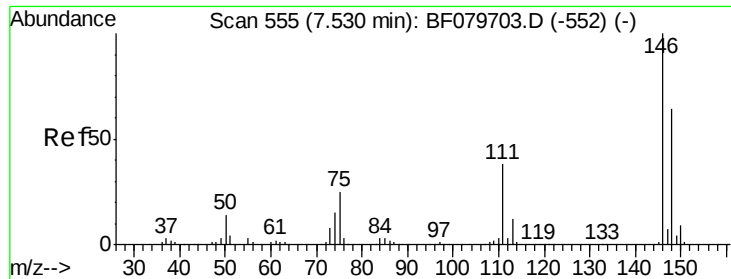


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

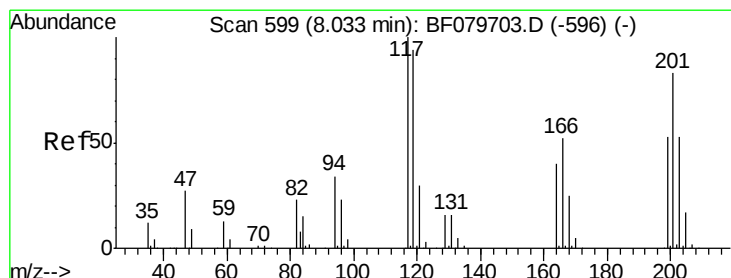
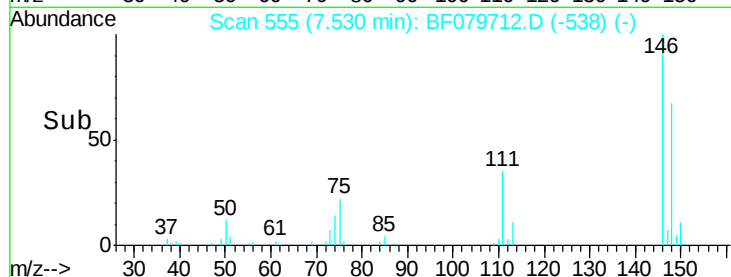
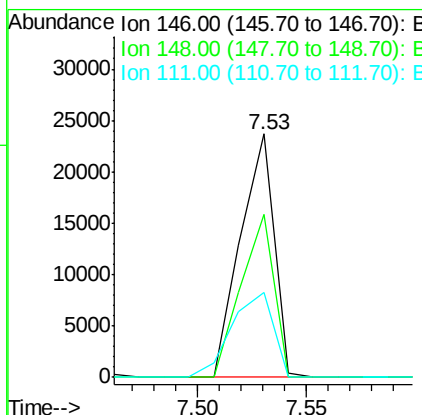
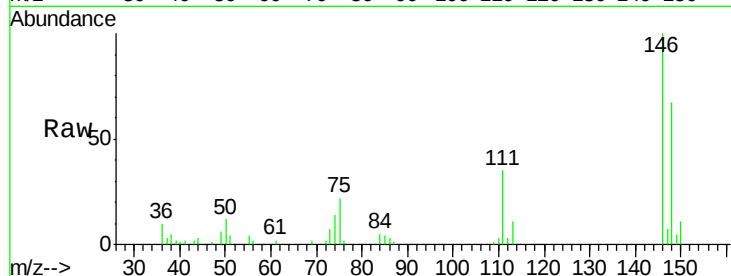




#13
 1,4-Dichlorobenzene
 Concen: 4.32 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

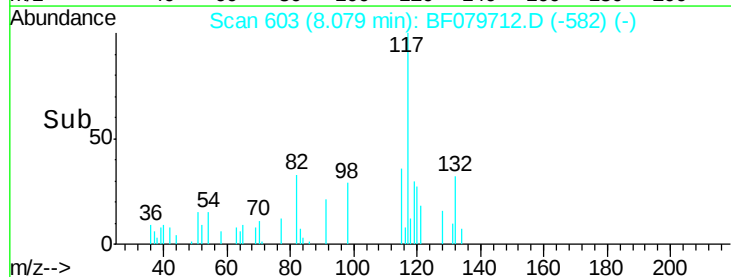
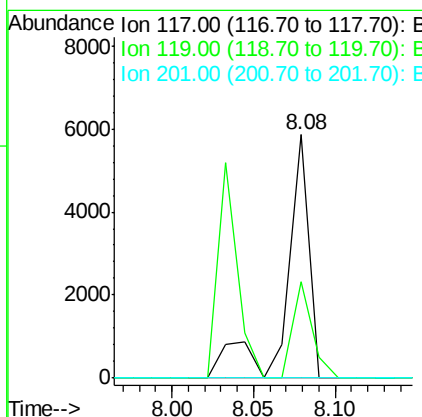
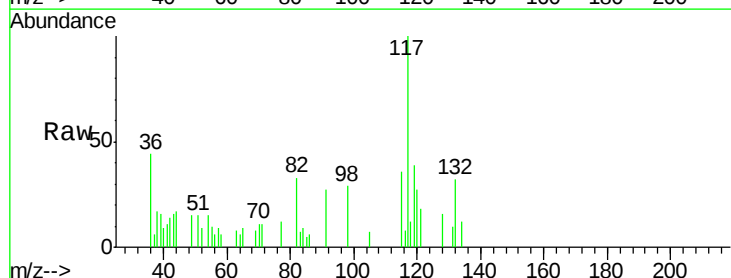
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW007-150601

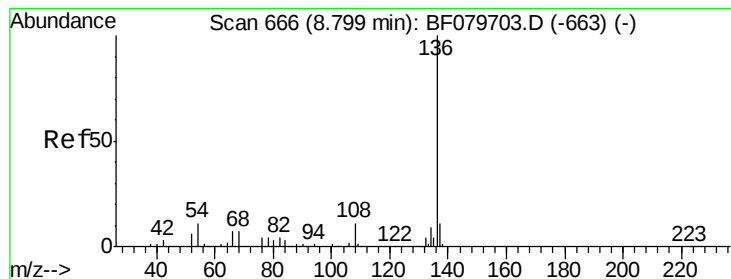
Tgt Ion:146 Resp: 25354
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.4 77.0
 111 34.6 30.1 45.1



#18
 Hexachloroethane
 Concen: 3.10 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.05 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

Tgt Ion:117 Resp: 5715
 Ion Ratio Lower Upper
 117 100
 119 39.4 75.5 113.3#
 201 0.0 66.4 99.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SS043MW007-150601

Tgt Ion:136 Resp: 282468

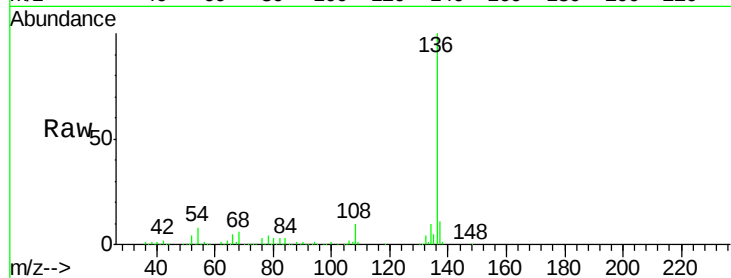
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 8.7 13.1#

68 6.2 5.8 8.8

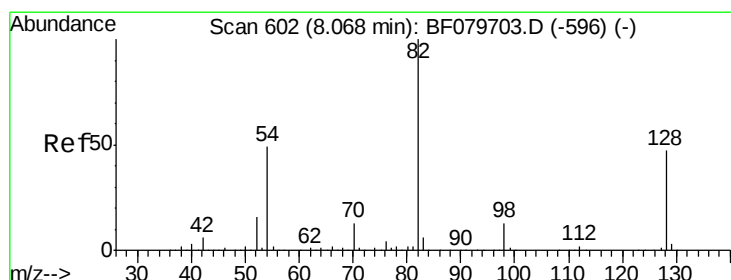
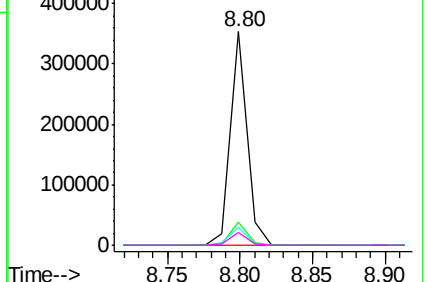
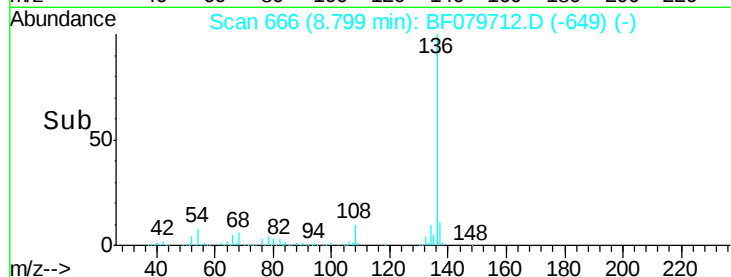


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.61 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

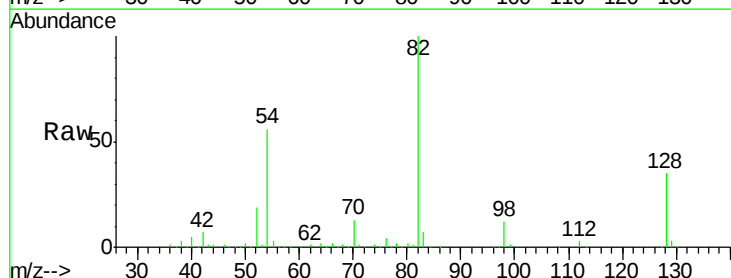
Tgt Ion: 82 Resp: 332225

Ion Ratio Lower Upper

82 100

128 34.6 37.6 56.4#

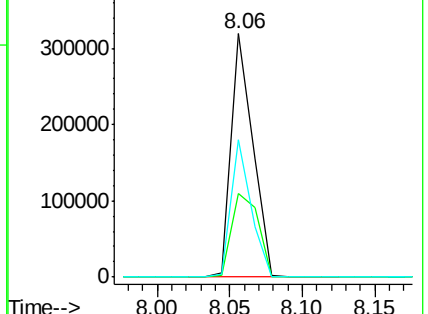
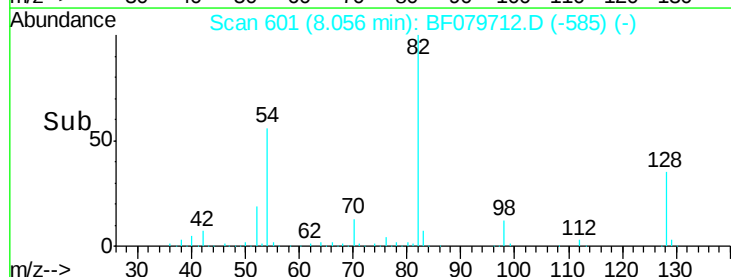
54 56.5 39.4 59.2

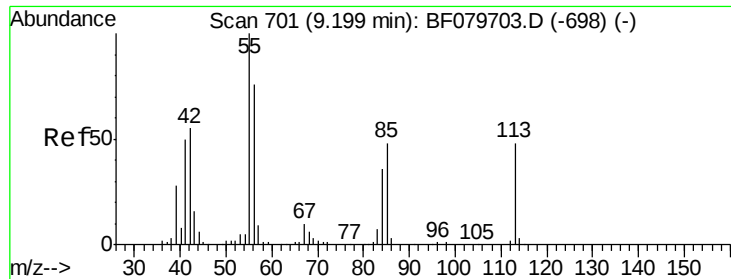


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

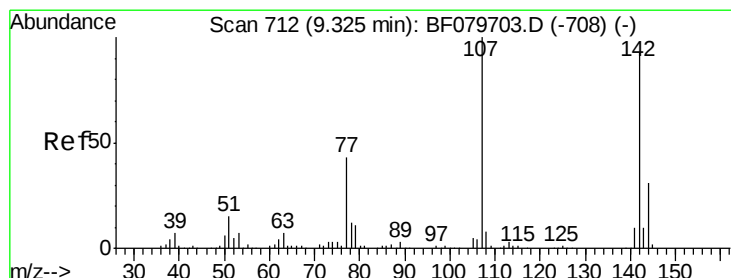
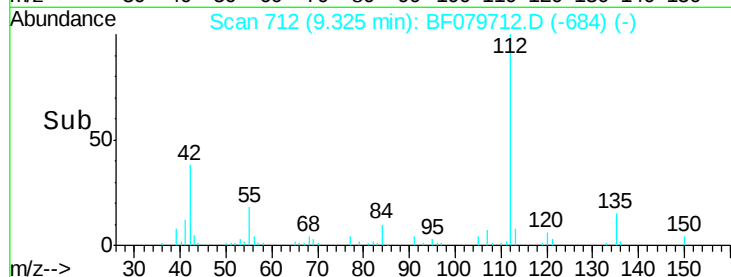
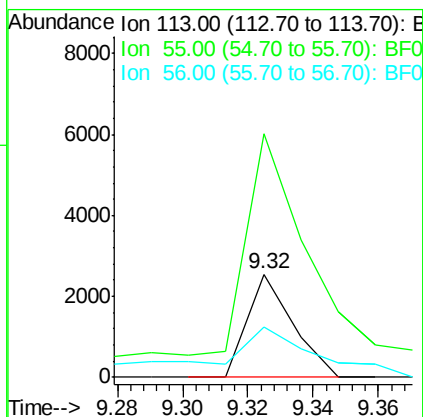
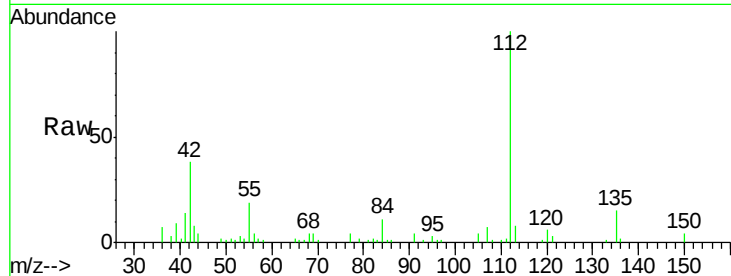




#35
 Caprolactam
 Concen: 2.01 ng
 RT: 9.32 min Scan# 712
 Delta R.T. 0.13 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

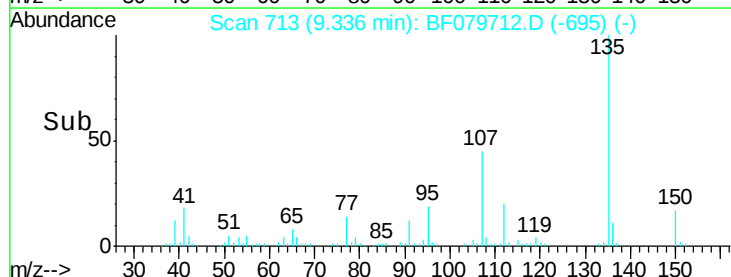
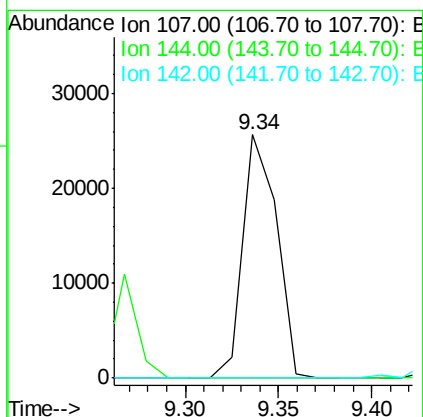
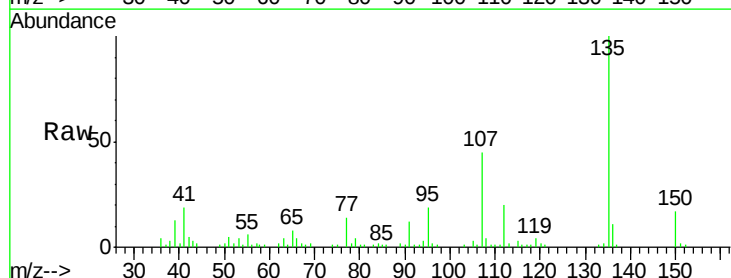
Instrument :
 BNA_F
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 SS043MW007-150601

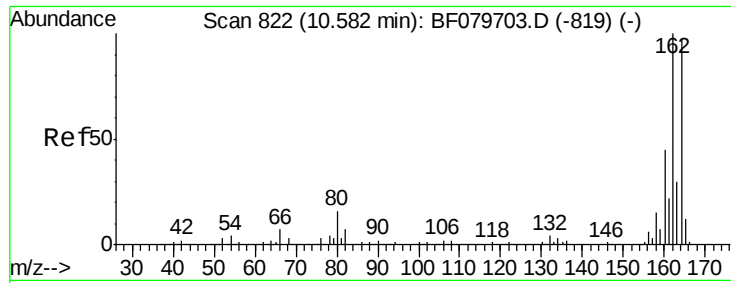
Tgt Ion:113 Resp: 2426
 Ion Ratio Lower Upper
 113 100
 55 235.6 186.6 226.6#
 56 49.2 137.8 177.8#



#36
 4-Chloro-3-methylphenol
 Concen: 7.73 ng
 RT: 9.34 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

Tgt Ion:107 Resp: 32280
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.5 36.7#
 142 0.0 74.6 112.0#

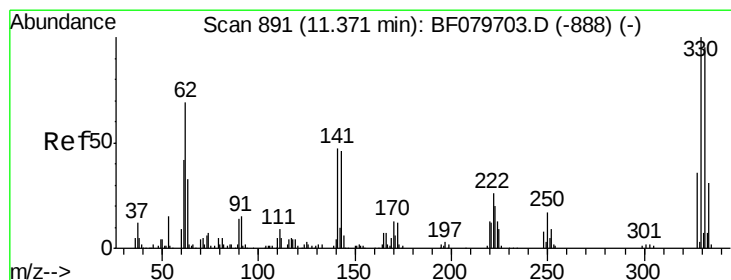
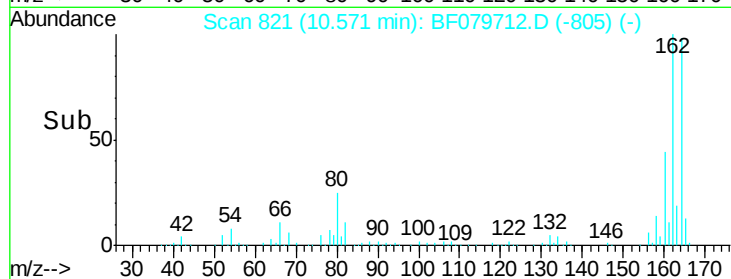
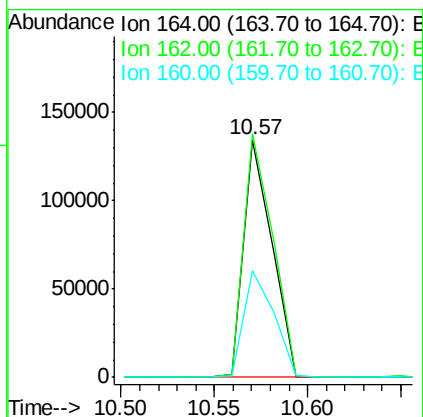
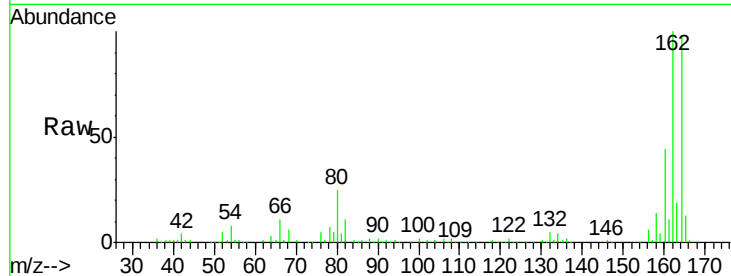




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

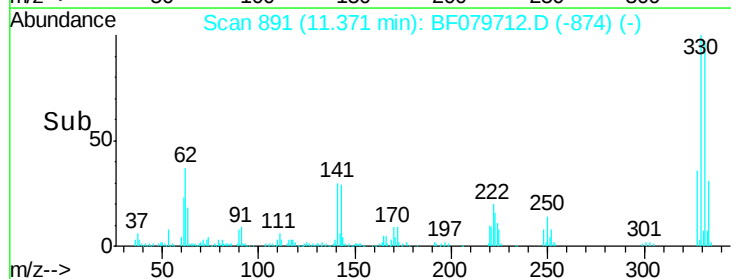
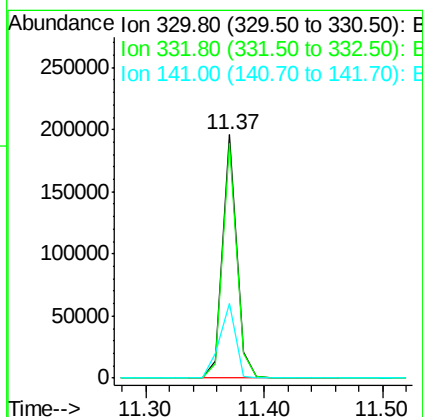
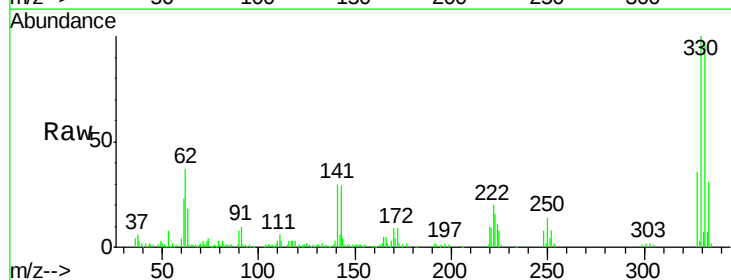
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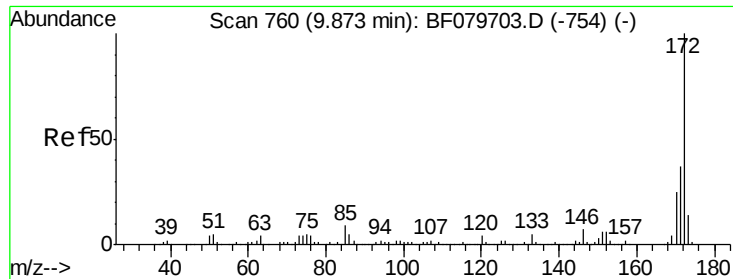
Tgt Ion:164 Resp: 141880
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 45.2 36.8 55.2



#41
 2,4,6-Tribromophenol
 Concen: 125.99 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

Tgt Ion:330 Resp: 160521
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 35.3 30.2 45.2

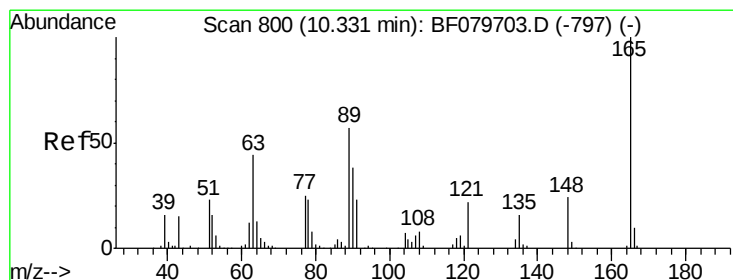
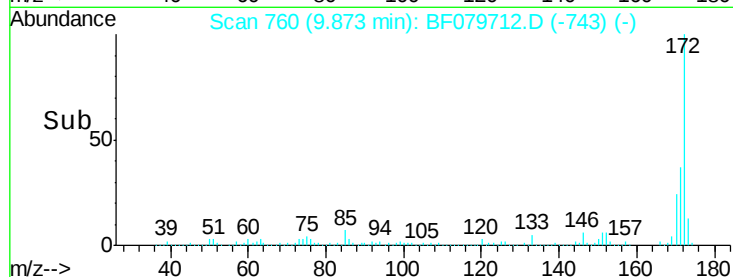
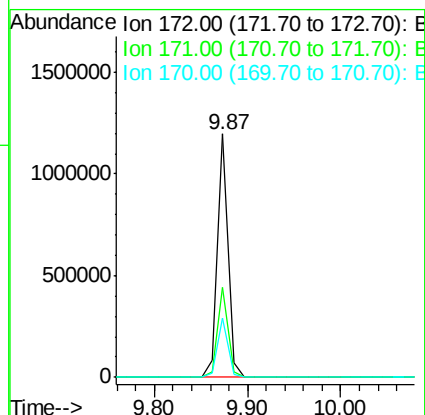
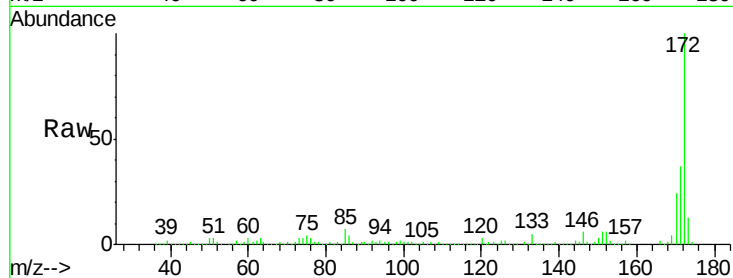




#44
 2-Fluorobiphenyl
 Concen: 95.37 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

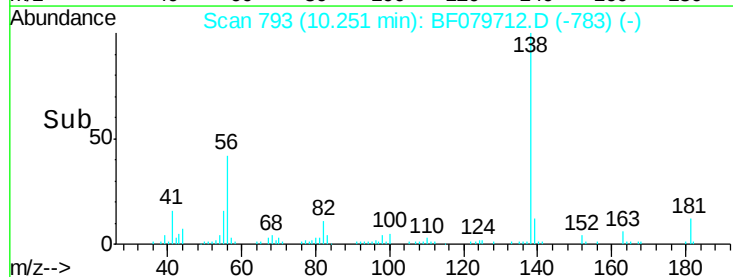
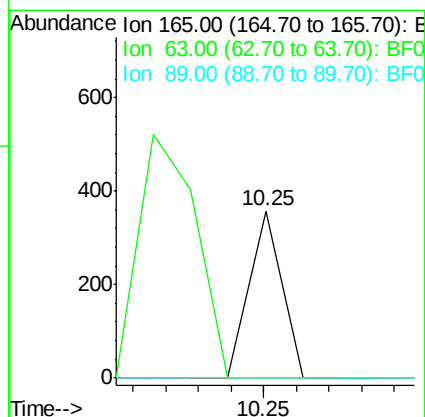
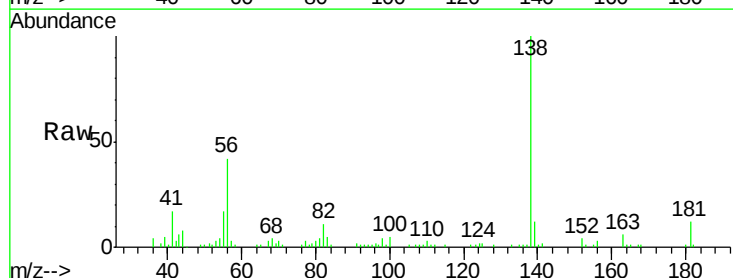
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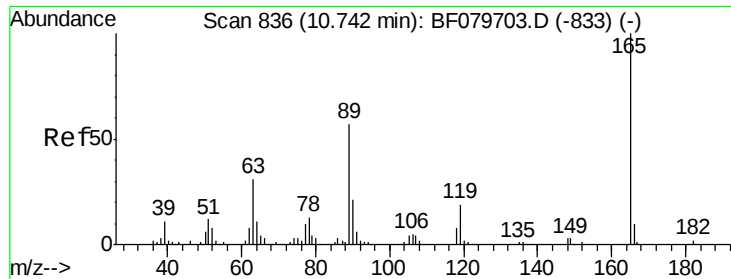
Tgt Ion:172 Resp: 934610
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.4 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 3.16 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.08 min
 Lab File: BF079712.D
 Acq: 4 Jun 2015 20:04

Tgt Ion:165 Resp: 245
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.2 67.8#
 89 0.0 45.9 68.9#

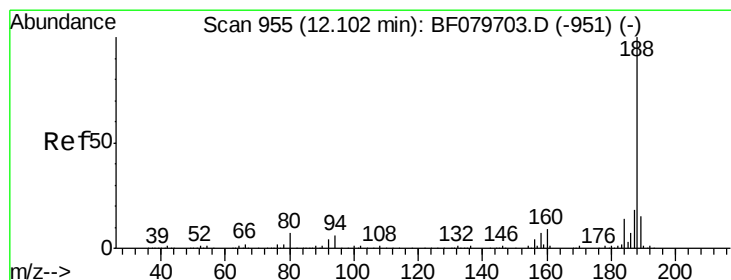
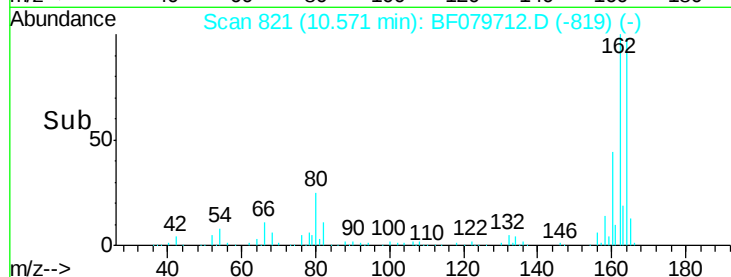
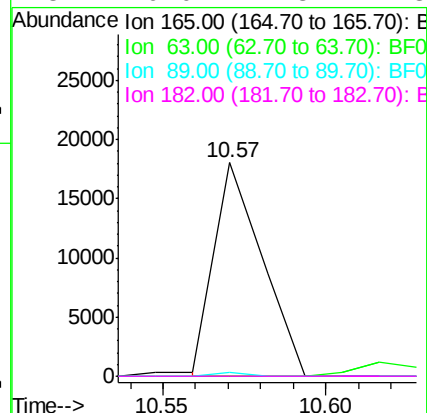
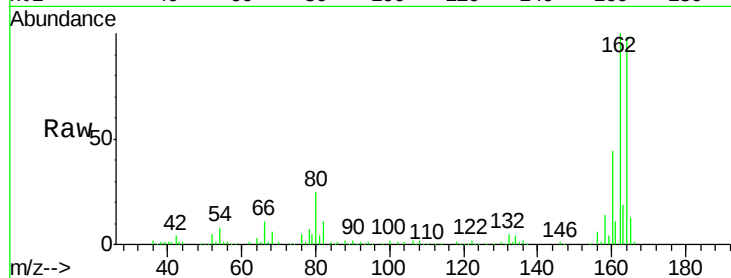




#56
2,4-Dinitrotoluene
Concen: 7.92 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.17 min
Lab File: BF079712.D
Acq: 4 Jun 2015 20:04

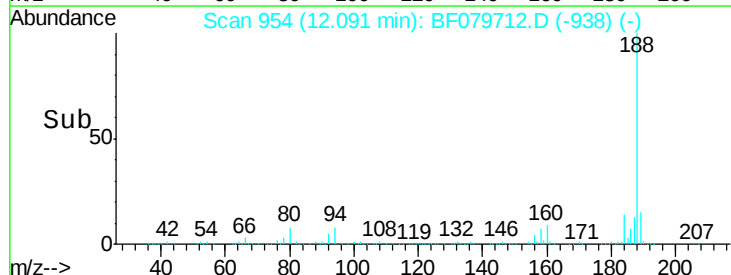
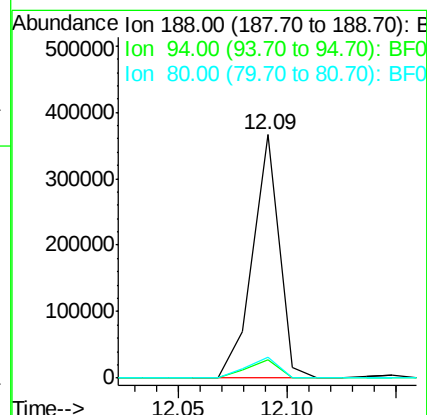
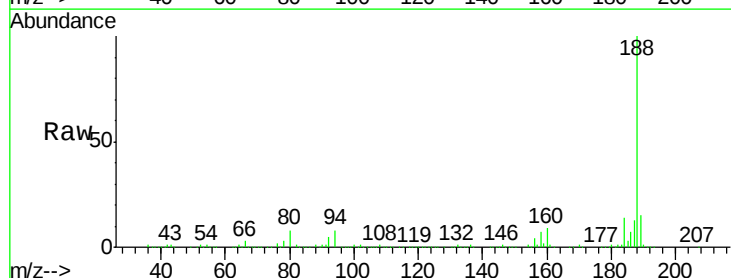
Instrument :
BNA_F
ClientSampleId :
SS043MW007-150601

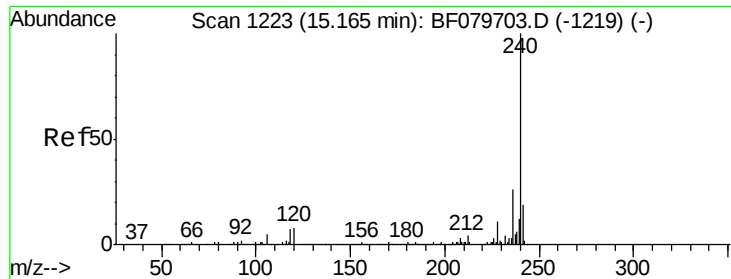
Tgt Ion:	165	Resp:	18346
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.7	37.1#
89	1.7	45.7	68.5#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF079712.D
Acq: 4 Jun 2015 20:04

Tgt Ion:	188	Resp:	311438
Ion Ratio	Lower	Upper	
188	100		
94	7.7	5.0	7.4#
80	8.4	5.3	7.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1217

Delta R.T. -0.07 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

Instrument :

BNA_F

ClientSampleId :

SS043MW007-150601

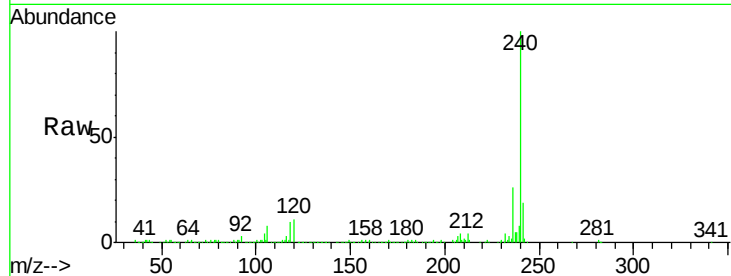
Tgt Ion:240 Resp: 321077

Ion Ratio Lower Upper

240 100

120 10.8 6.2 9.2#

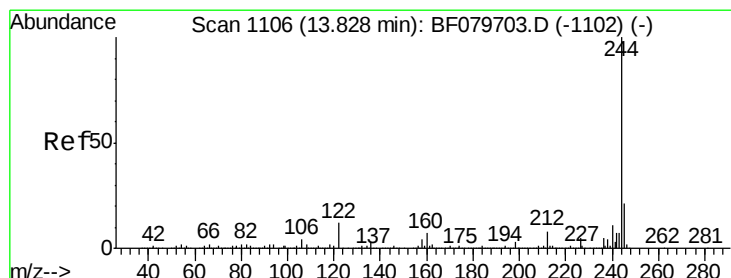
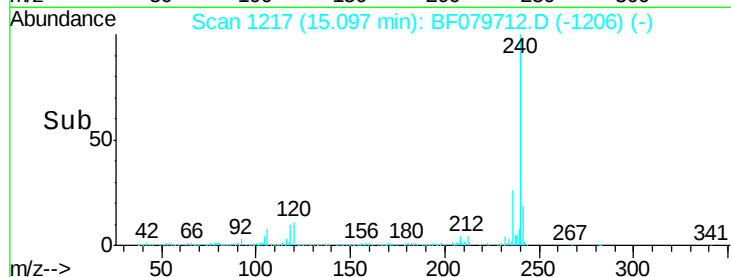
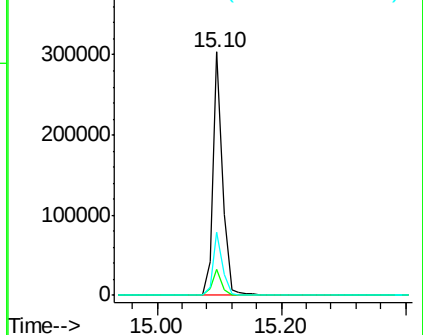
236 26.0 21.0 31.4



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



#78

Terphenyl-d14

Concen: 84.45 ng

RT: 13.81 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF079712.D

Acq: 4 Jun 2015 20:04

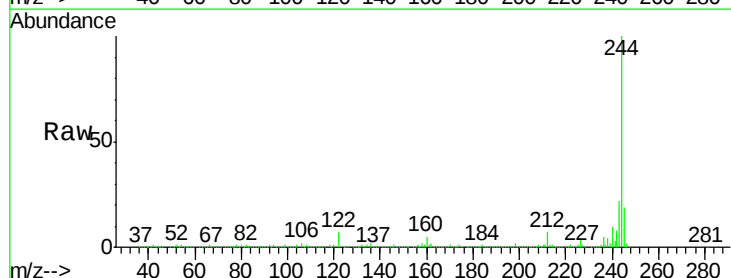
Tgt Ion:244 Resp: 1150873

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

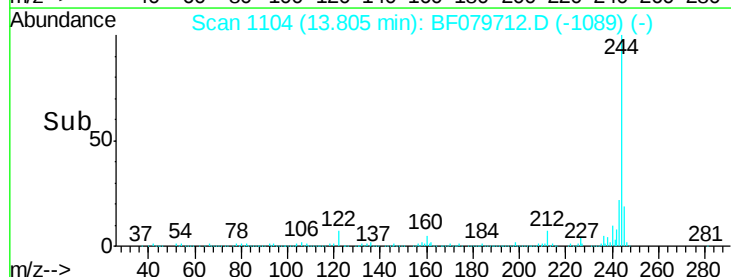
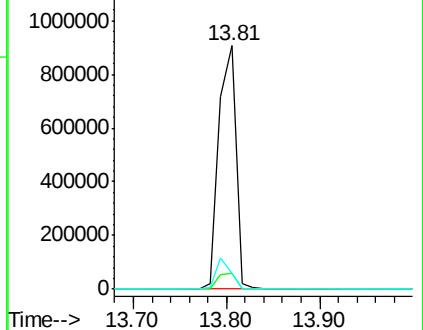
122 6.7 9.3 13.9#

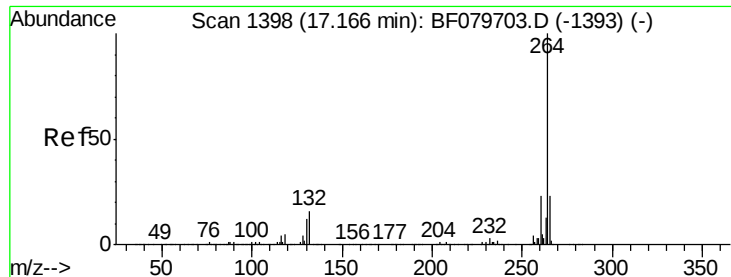


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.07 min Scan# 1390
Delta R.T. -0.09 min
Lab File: BF079712.D
Acq: 4 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
SS043MW007-150601

Tgt Ion: 264 Resp: 296701
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.7 18.2 27.4

