

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079716.D
 Acq On : 4 Jun 2015 21:59
 Operator : TP/IZ
 Sample : G2491-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW011-150601

Quant Time: Jun 06 03:20:07 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

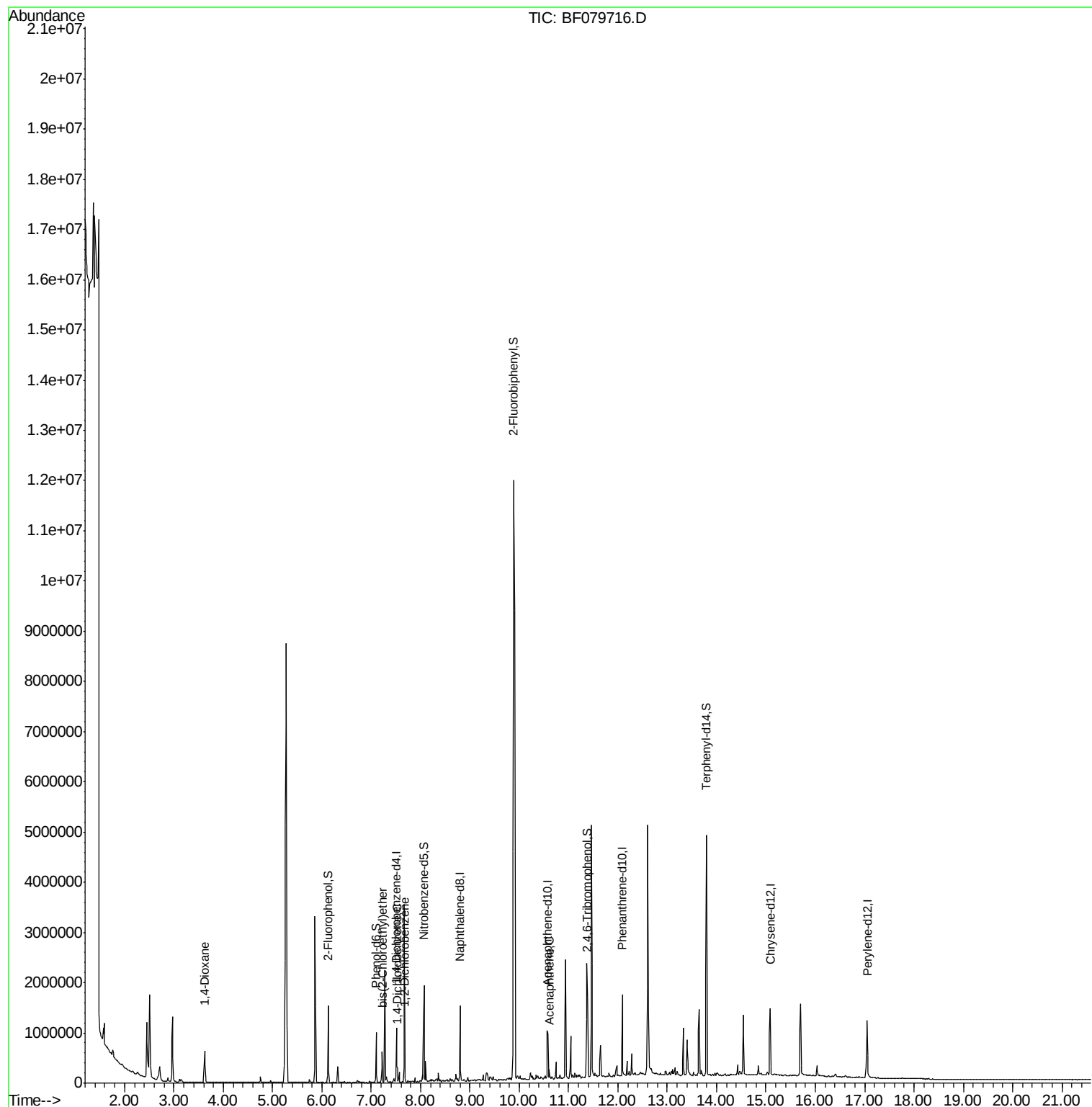
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	145497	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	547834	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	276361	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	585782	20.00	ng	-0.01
75) Chrysene-d12	15.09	240	617368	20.00	ng	-0.08
86) Perylene-d12	17.05	264	576543	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	358551	42.26	ng	0.00
7) Phenol-d6	7.10	99	287892	26.06	ng	0.00
23) Nitrobenzene-d5	8.07	82	755099	83.92	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	337665	136.06	ng	0.01
44) 2-Fluorobiphenyl	9.88	172	1321729	69.24	ng	0.01
78) Terphenyl-d14	13.79	244	1708541	65.20	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	339894	88.67	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	218867	23.02	ng	93
13) 1,4-Dichlorobenzene	7.53	146	86090	7.29	ng	96
14) 1,2-Dichlorobenzene	7.68	146	36069	3.46	ng	# 84
51) Acenaphthene	10.60	154	43406	2.39	ng	97

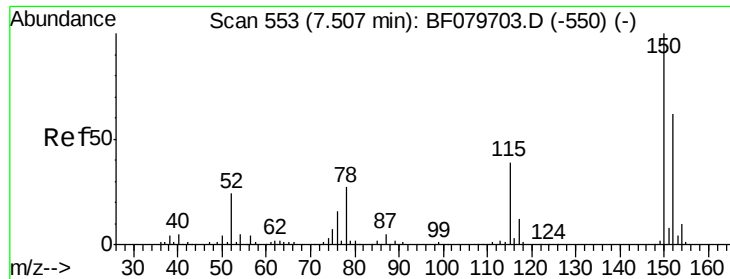
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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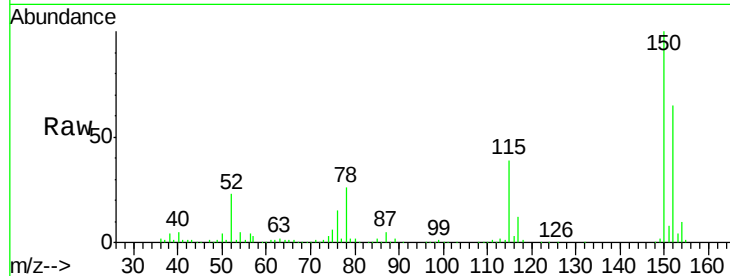


#1

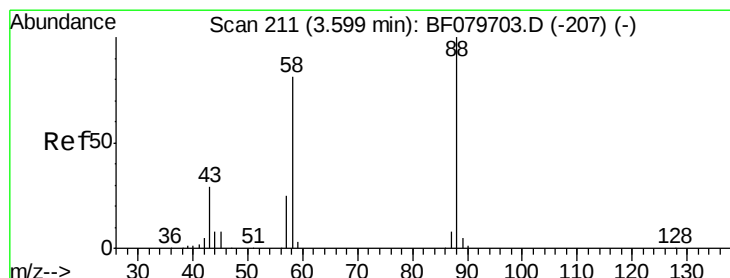
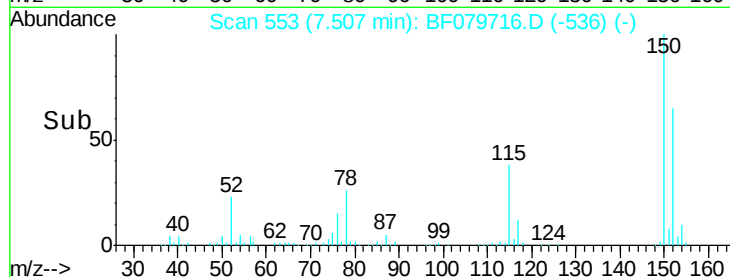
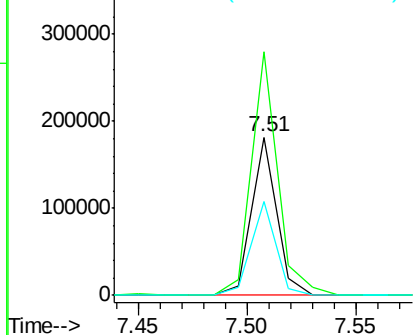
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079716.D
Acq: 4 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
SS043MW011-150601

Tgt Ion:152 Resp: 145497
Ion Ratio Lower Upper
152 100
150 154.2 128.1 192.1
115 59.5 49.7 74.5



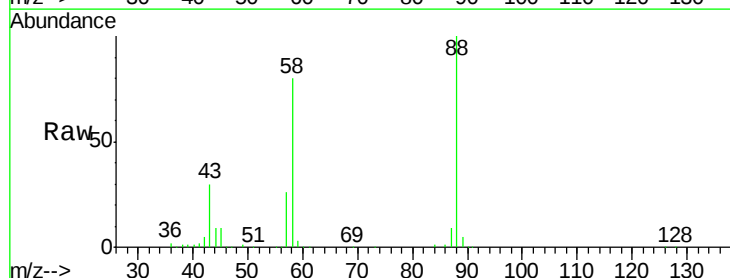
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



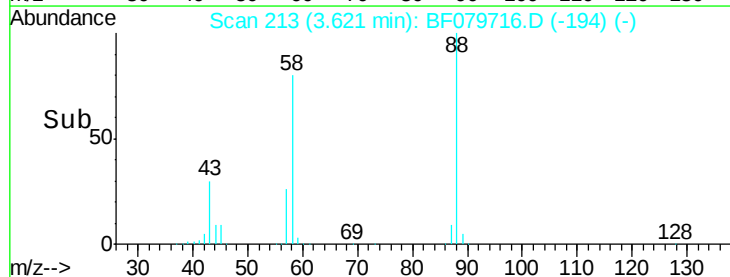
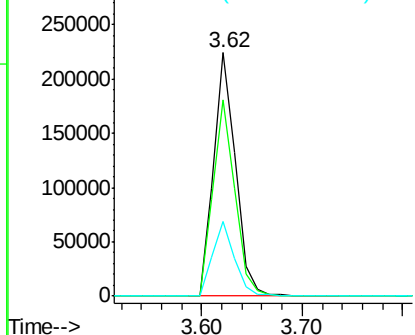
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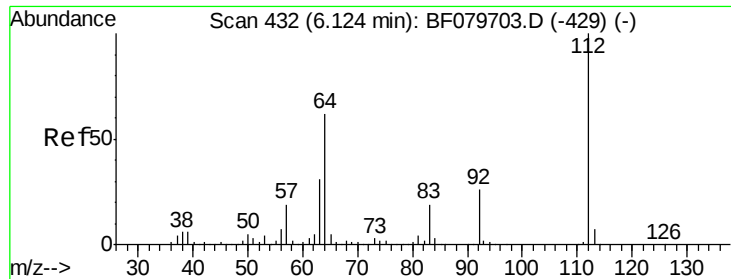
1,4-Dioxane
Concen: 88.67 ng
RT: 3.62 min Scan# 213
Delta R.T. 0.02 min
Lab File: BF079716.D
Acq: 4 Jun 2015 21:59

Tgt Ion: 88 Resp: 339894
Ion Ratio Lower Upper
88 100
58 80.5 64.2 96.4
43 30.2 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: 42.26 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SS043MW011-150601

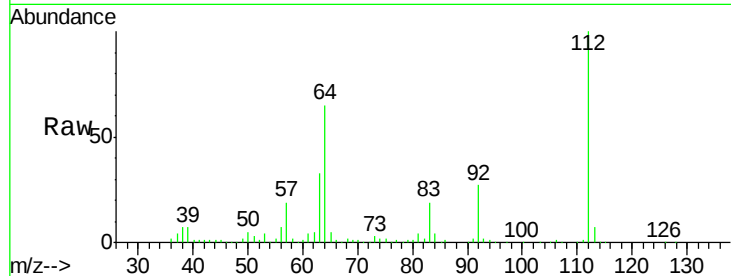
Tgt Ion: 112 Resp: 358551

Ion Ratio Lower Upper

112 100

64 65.4 49.6 74.4

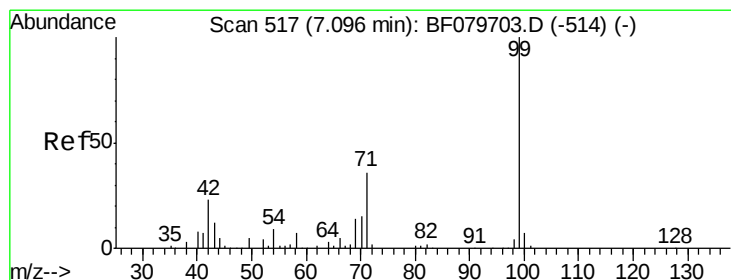
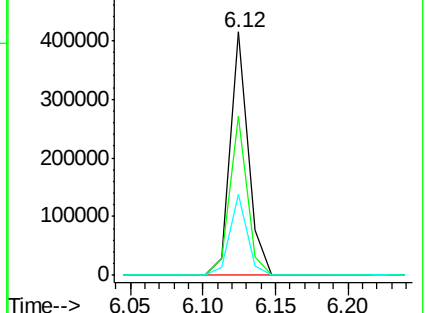
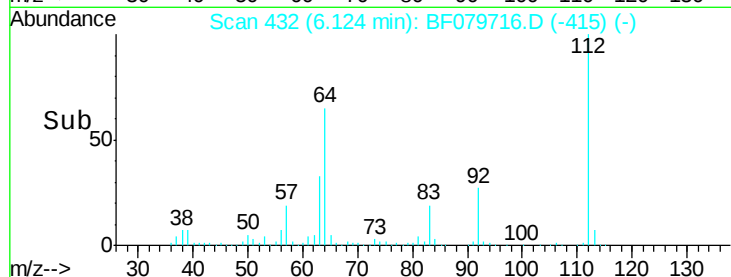
63 33.3 24.9 37.3



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: 26.06 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

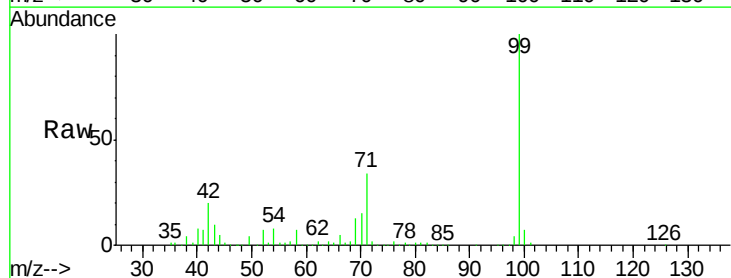
Tgt Ion: 99 Resp: 287892

Ion Ratio Lower Upper

99 100

42 19.6 18.0 27.0

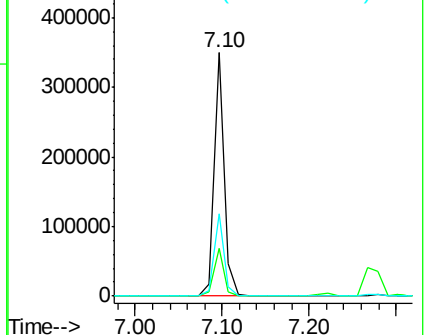
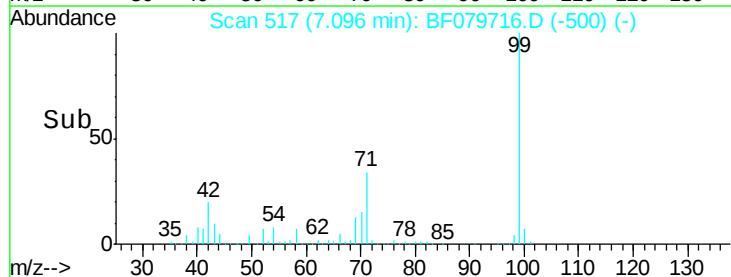
71 33.8 28.4 42.6

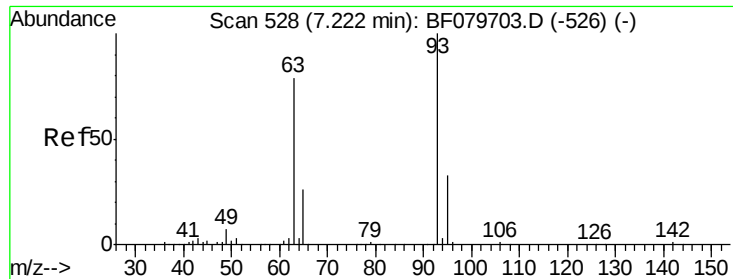


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 23.02 ng

RT: 7.22 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SS043MW011-150601

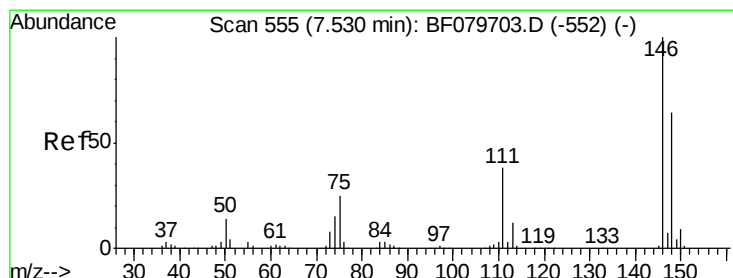
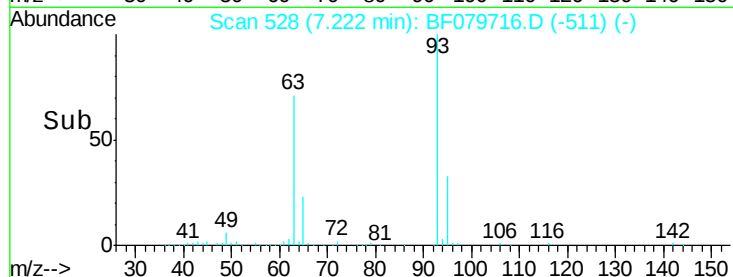
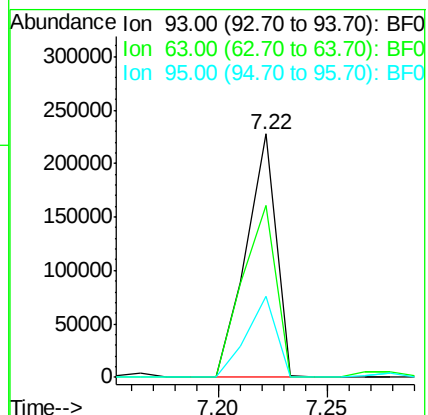
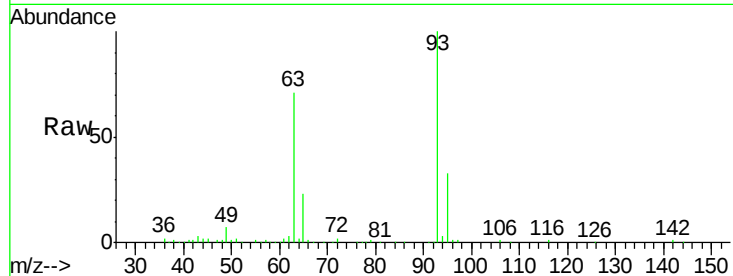
Tgt Ion: 93 Resp: 218867

Ion Ratio Lower Upper

93 100

63 70.7 58.7 98.7

95 33.1 12.9 52.9



#13

1,4-Dichlorobenzene

Concen: 7.29 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

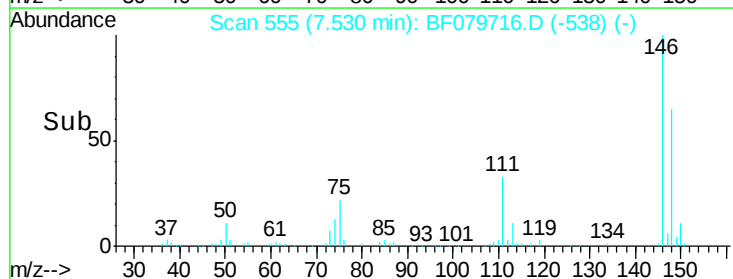
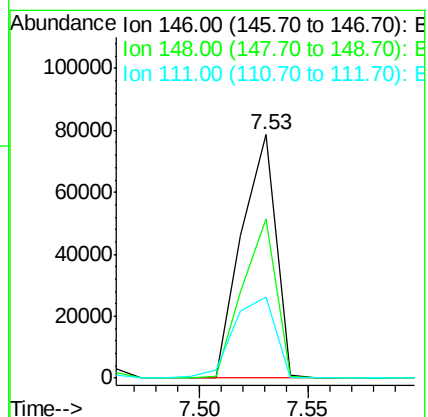
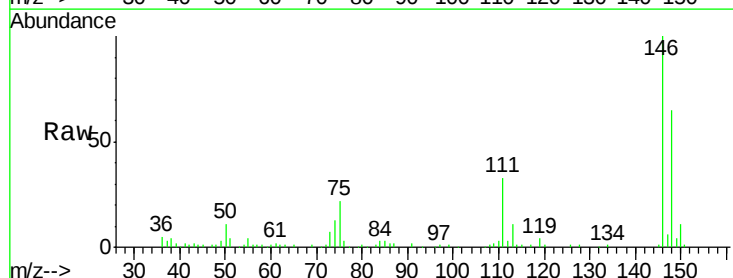
Tgt Ion: 146 Resp: 86090

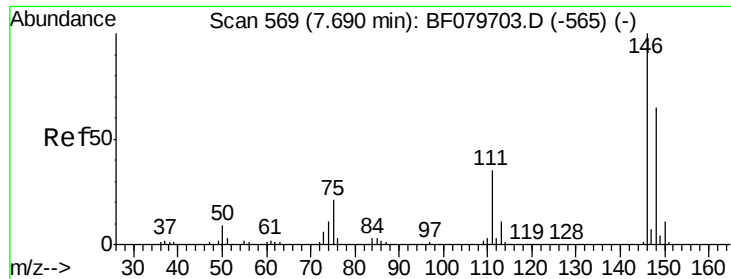
Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.0

111 33.1 30.1 45.1





#14

1,2-Dichlorobenzene

Concen: 3.46 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SS043MW011-150601

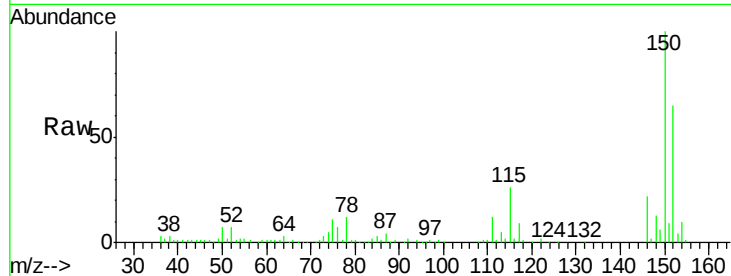
Tgt Ion:146 Resp: 36069

Ion Ratio Lower Upper

146 100

148 60.9 52.2 78.4

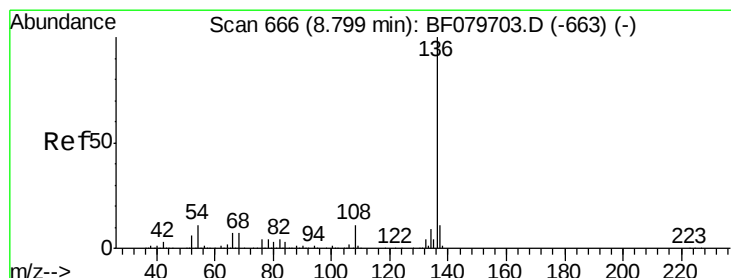
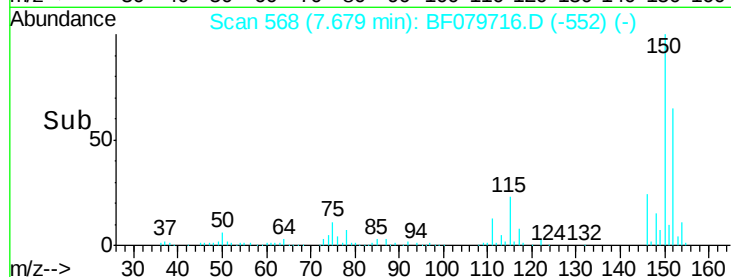
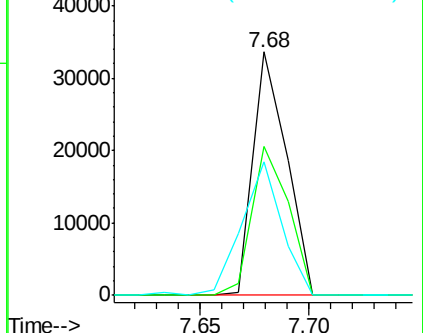
111 54.7 27.9 41.9#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Tgt Ion:136 Resp: 547834

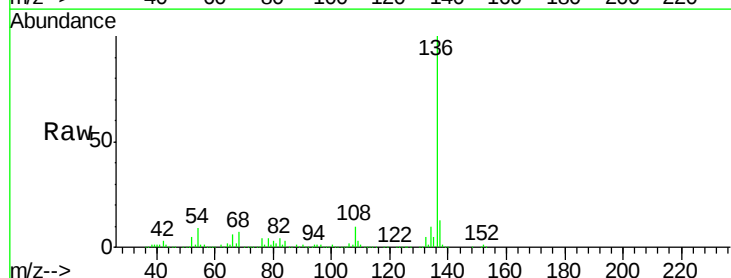
Ion Ratio Lower Upper

136 100

137 12.6 8.8 13.2

54 9.3 8.7 13.1

68 7.0 5.8 8.8

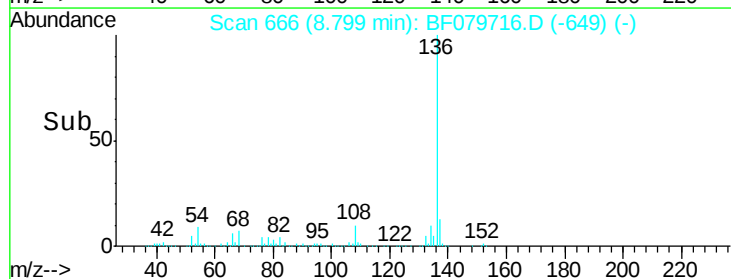
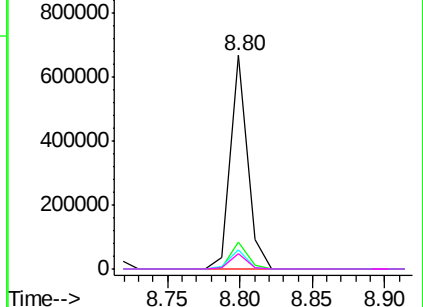


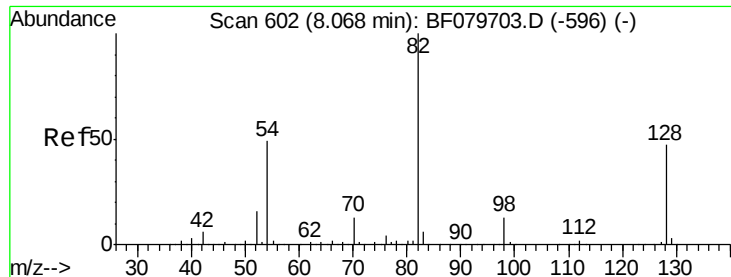
Abundance Ion 136.00 (135.70 to 136.70): E

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

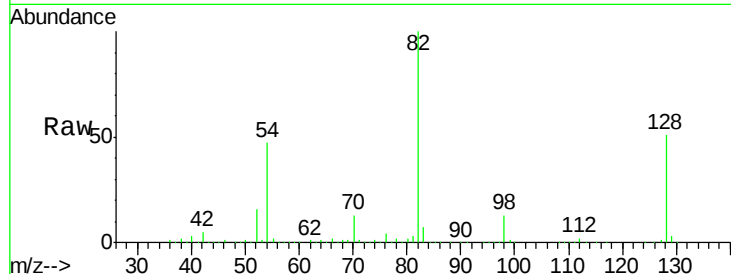




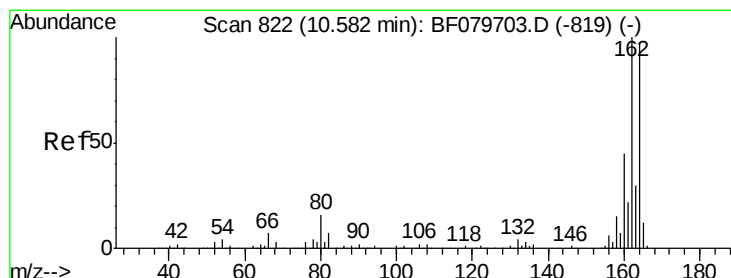
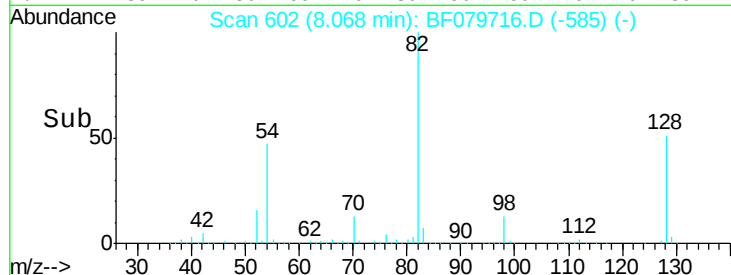
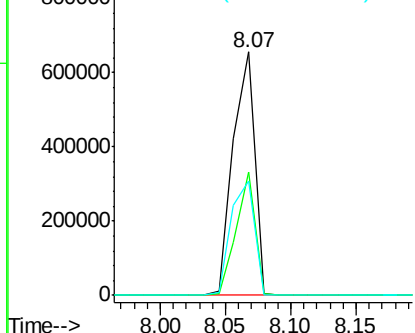
#23
 Nitrobenzene-d5
 Concen: 83.92 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF079716.D
 Acq: 4 Jun 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW011-150601

Tgt Ion: 82 Resp: 755099
 Ion Ratio Lower Upper
 82 100
 128 50.7 37.6 56.4
 54 47.2 39.4 59.2

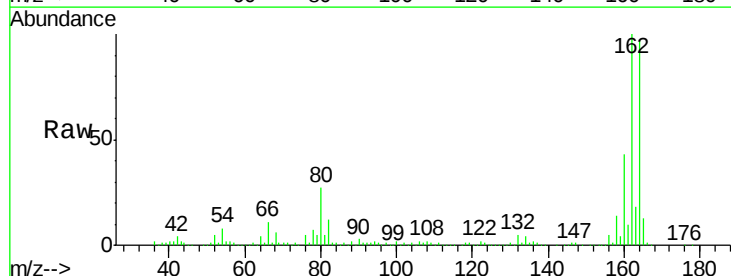


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

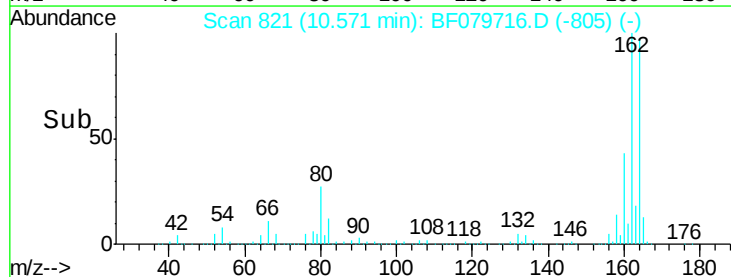
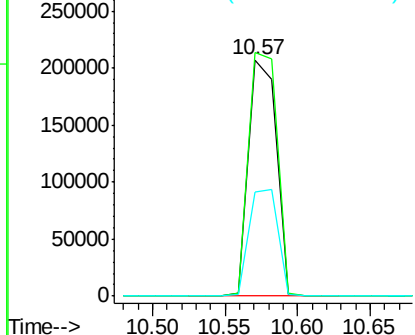


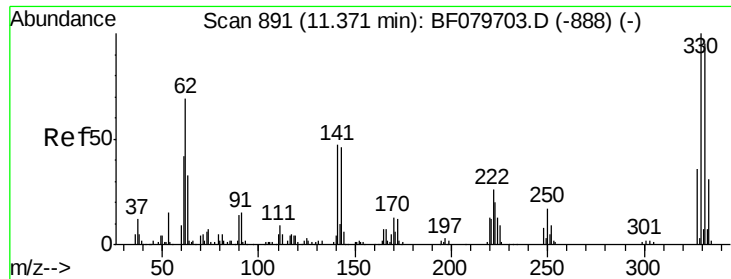
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF079716.D
 Acq: 4 Jun 2015 21:59

Tgt Ion: 164 Resp: 276361
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 43.8 36.8 55.2



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

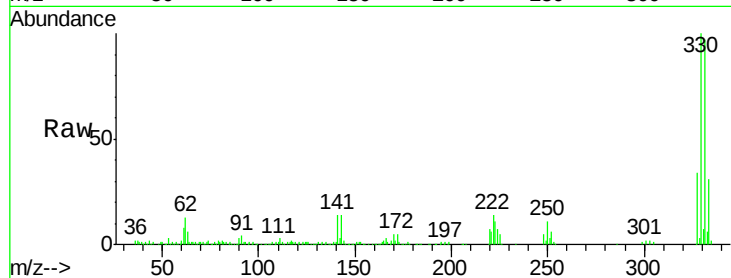




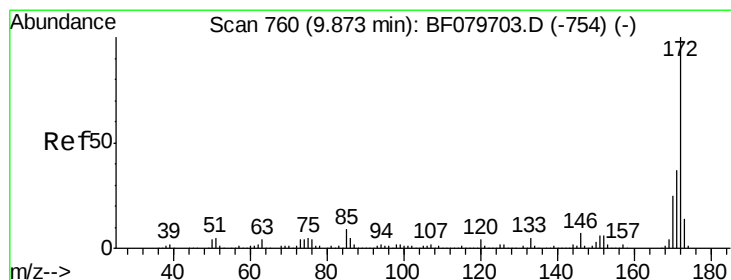
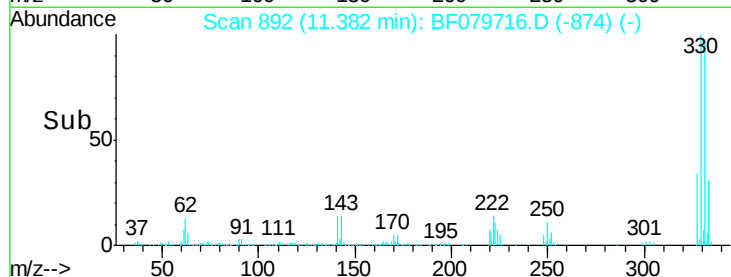
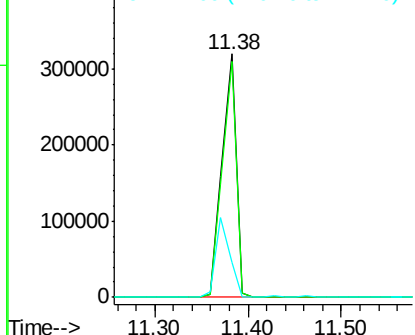
#41
 2,4,6-Tribromophenol
 Concen: 136.06 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF079716.D
 Acq: 4 Jun 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW011-150601

Tgt Ion:330 Resp: 337665
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 32.7 30.2 45.2

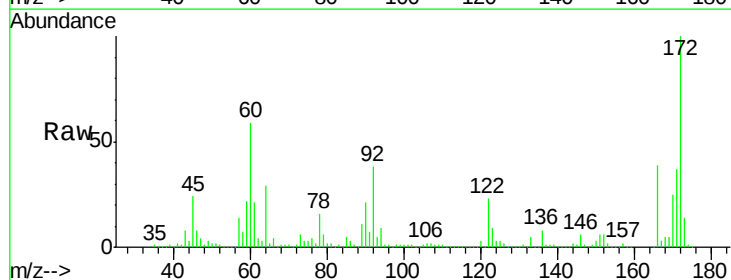


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

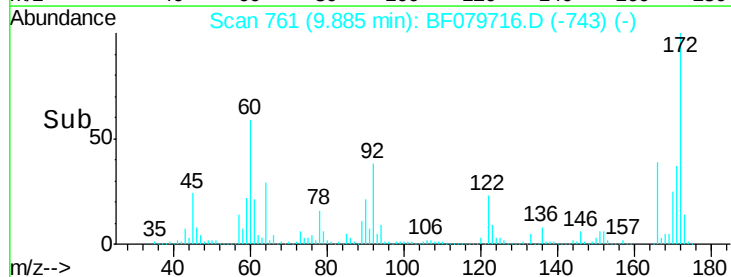
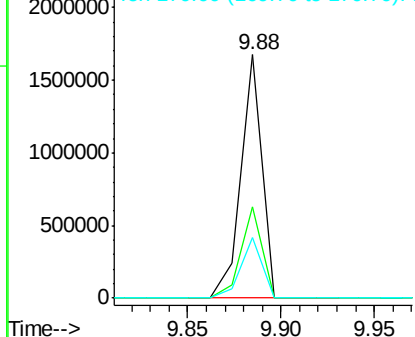


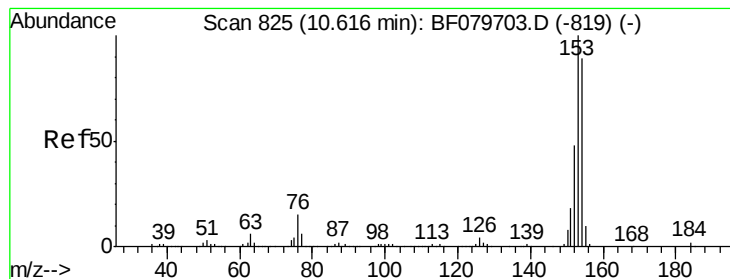
#44
 2-Fluorobiphenyl
 Concen: 69.24 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF079716.D
 Acq: 4 Jun 2015 21:59

Tgt Ion:172 Resp: 1321729
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.1 19.7 29.5



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





#51

Acenaphthene

Concen: 2.39 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SS043MW011-150601

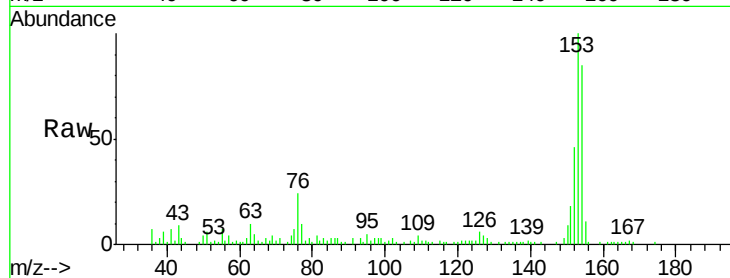
Tgt Ion:154 Resp: 43406

Ion Ratio Lower Upper

154 100

153 117.3 90.1 135.1

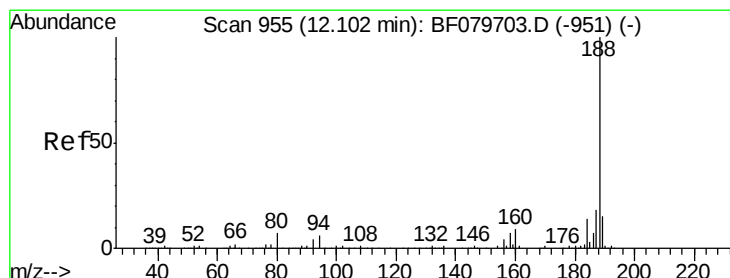
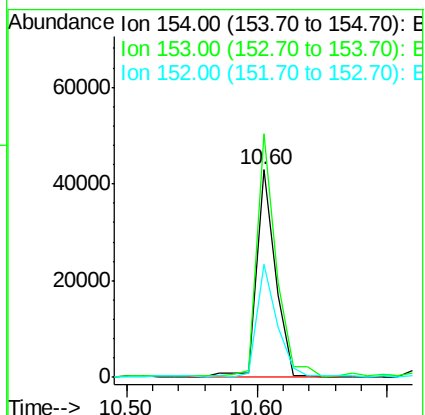
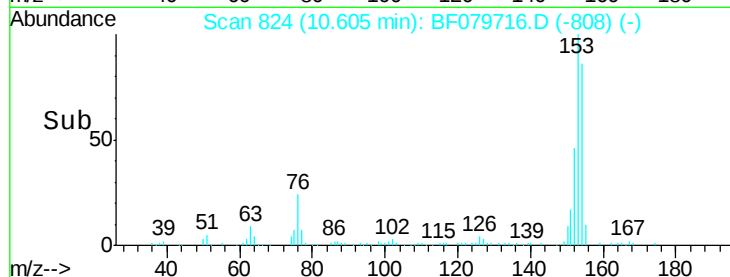
152 54.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

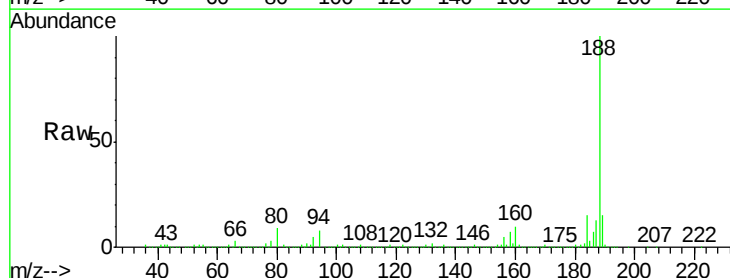
Tgt Ion:188 Resp: 585782

Ion Ratio Lower Upper

188 100

94 8.4 5.0 7.4#

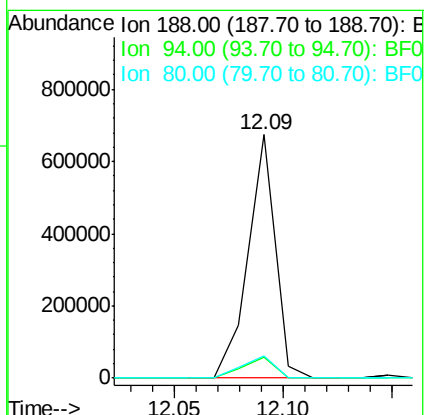
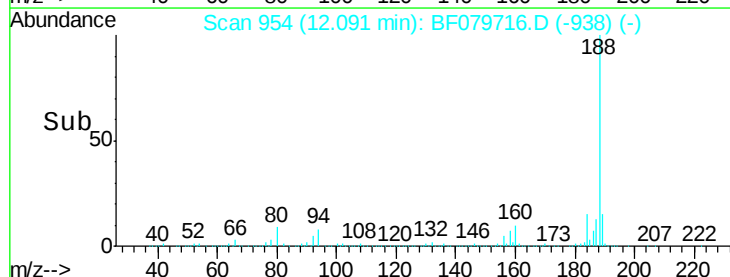
80 9.2 5.3 7.9#

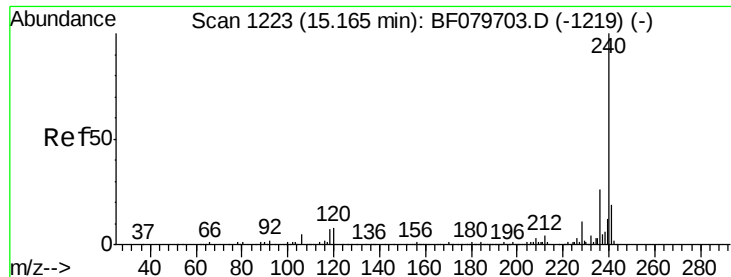


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.09 min Scan# 1216

Delta R.T. -0.08 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SS043MW011-150601

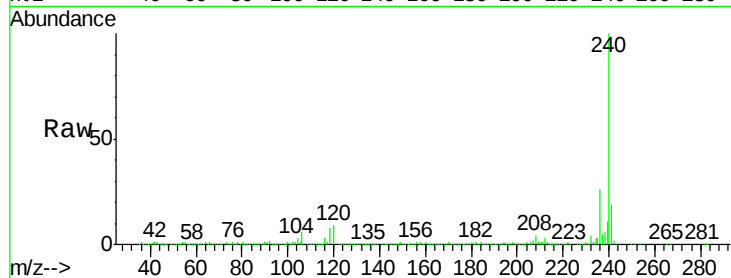
Tgt Ion:240 Resp: 617368

Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

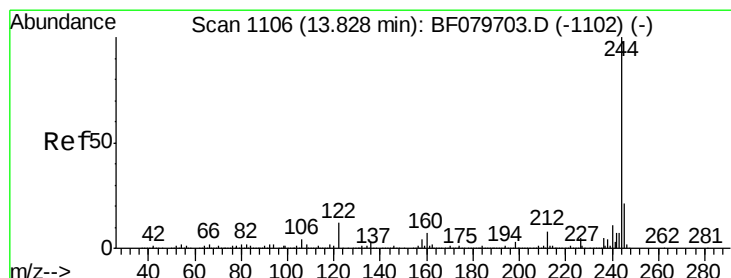
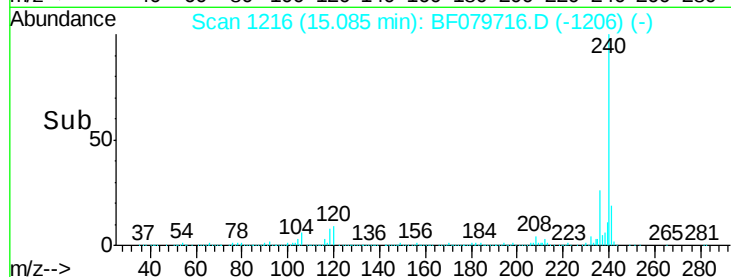
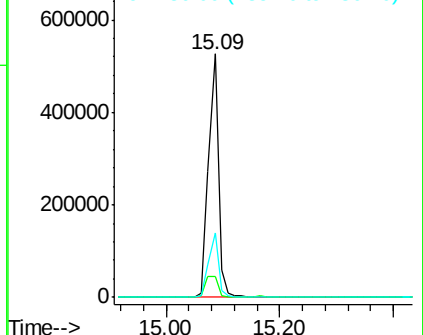
236 26.5 21.0 31.4



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: 65.20 ng

RT: 13.79 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

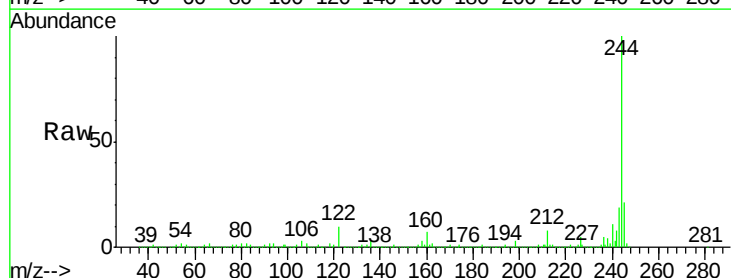
Tgt Ion:244 Resp: 1708541

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

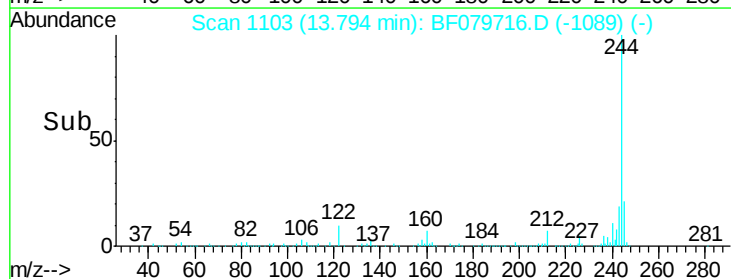
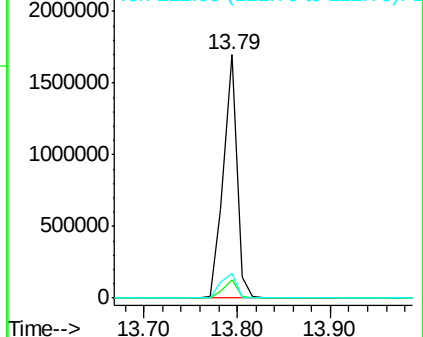
122 10.3 9.3 13.9

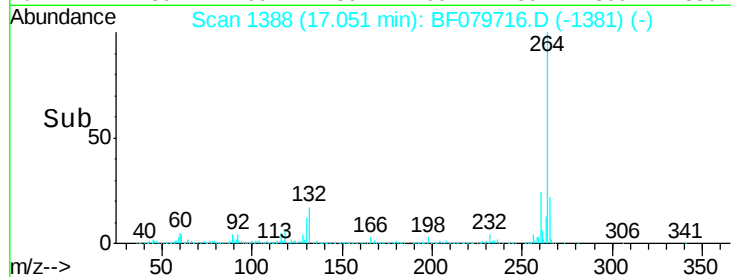
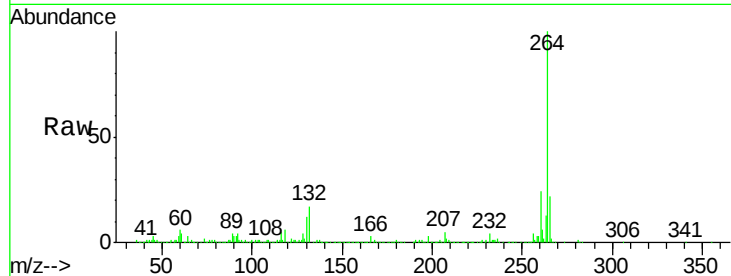
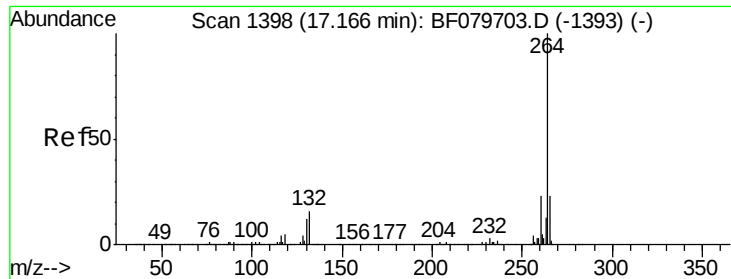


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.05 min Scan# 1388

Delta R.T. -0.11 min

Lab File: BF079716.D

Acq: 4 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SS043MW011-150601

Tgt Ion:264 Resp: 576543

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.9 18.2 27.4

