

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079567.D
 Acq On : 29 May 2015 18:28
 Operator : TP/IZ
 Sample : G2419-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: May 29 23:38:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

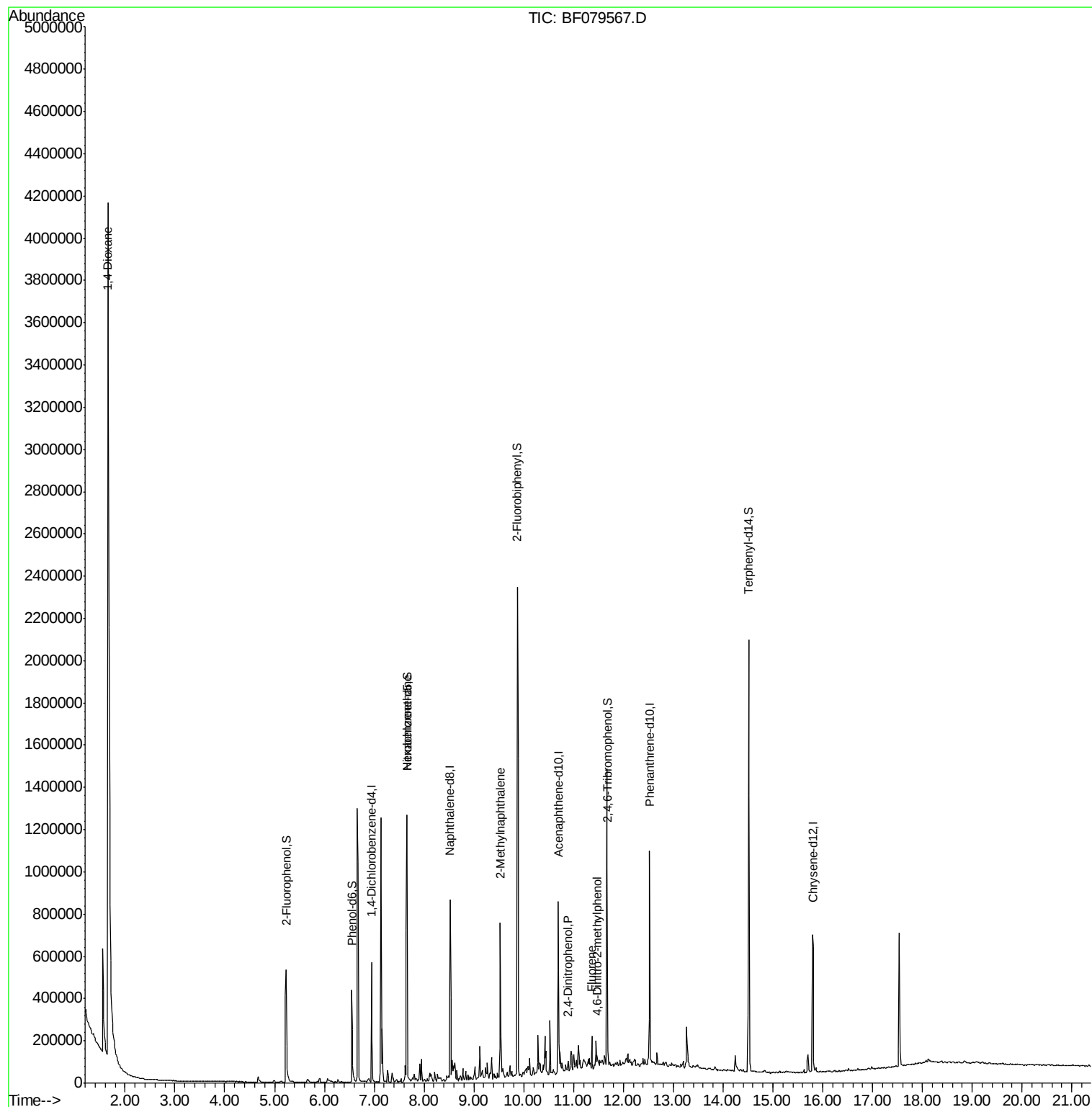
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98722	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	415936	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	205577	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	378140	20.00	ng	0.00
75) Chrysene-d12	15.81	240	342035	20.00	ng	-0.07
86) Perylene-d12	0.00	264	0	0.00	ng	-17.81
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	266321	46.79	ng	0.00
7) Phenol-d6	6.55	99	216718	29.87	ng	0.00
23) Nitrobenzene-d5	7.66	82	468587	65.12	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	245481	108.72	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	946938	65.72	ng	-0.01
78) Terphenyl-d14	14.51	244	887591	60.90	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	245926	90.83	ng	# 100
9) Benzaldehyde	6.27	77	263	Below Cal		# 42
18) Hexachloroethane	7.66	117	45108	17.50	ng	# 8
37) 2-Methylnaphthalene	9.53	142	201690	14.55	ng	94
53) 2,4-Dinitrophenol	10.89	184	501	5.91	ng	# 1
57) Fluorene	11.37	166	33410	2.28	ng	94
64) 4,6-Dinitro-2-methylphenol	11.48	198	360	7.16	ng	# 1
73) Di-n-butylphthalate	13.29	149	5530	Below Cal		# 88

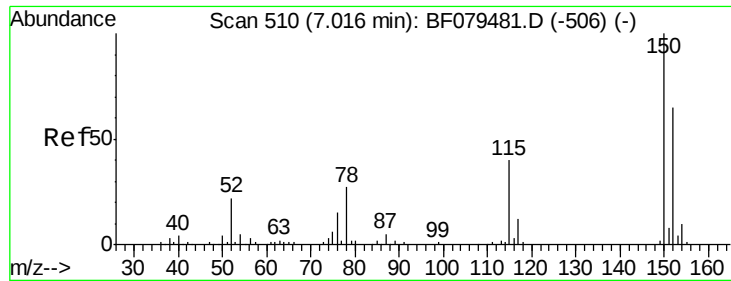
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-01

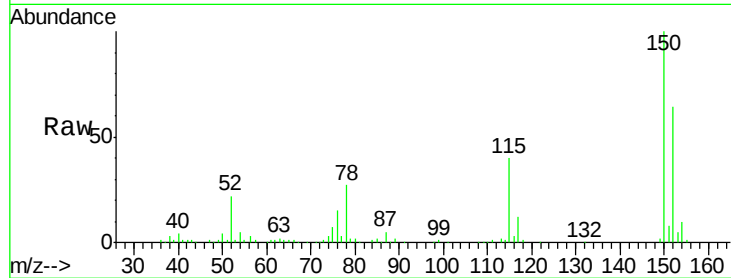
Tgt Ion:152 Resp: 98722

Ion Ratio Lower Upper

152 100

150 155.1 124.0 186.0

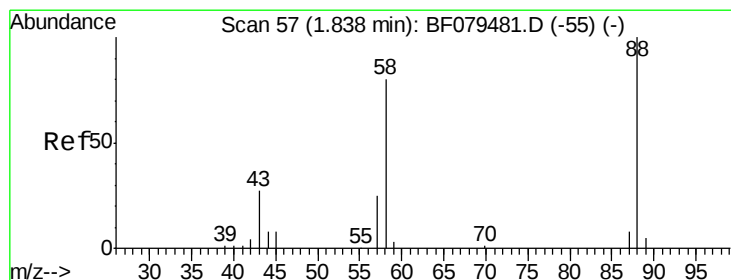
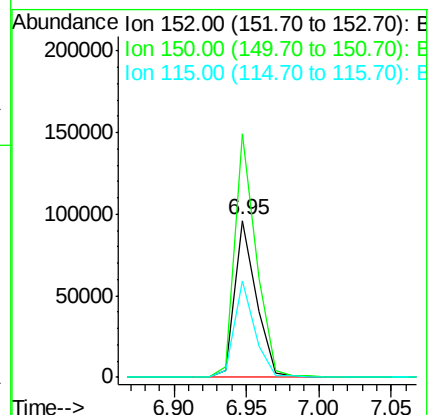
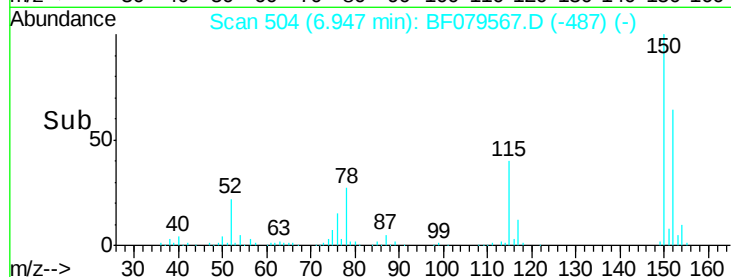
115 61.6 49.6 74.4



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: 90.83 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

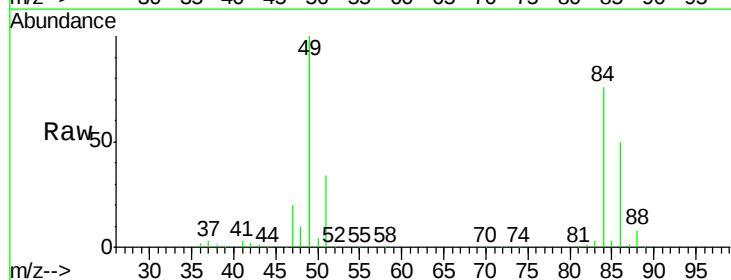
Tgt Ion: 88 Resp: 245926

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

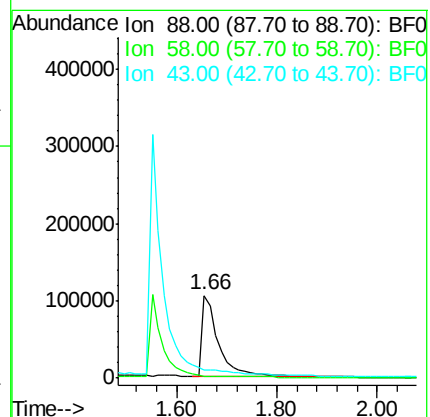
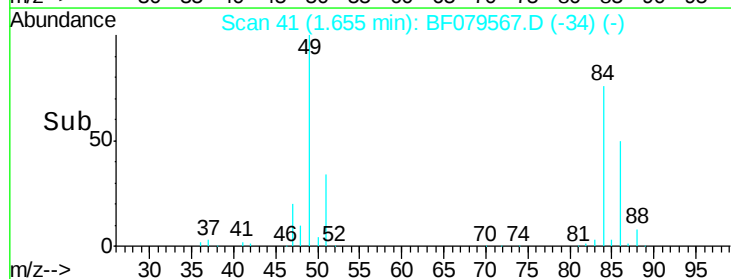
43 0.0 0.0 0.0

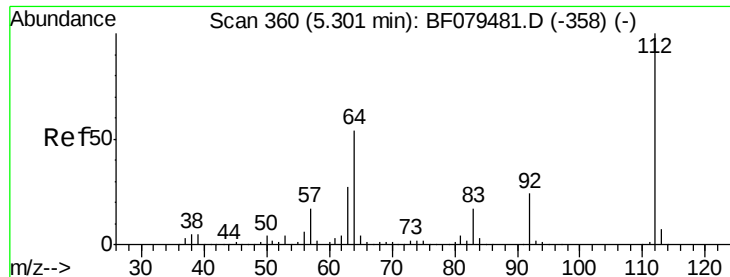


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 46.79 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-01

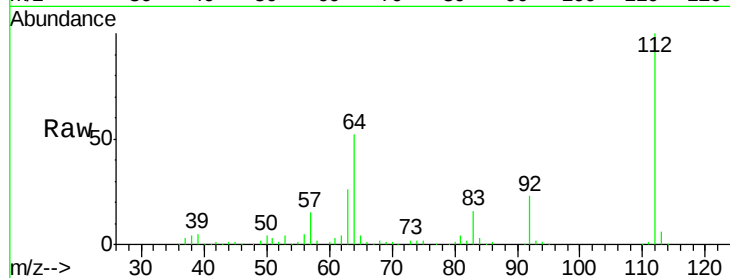
Tgt Ion: 112 Resp: 266321

Ion Ratio Lower Upper

112 100

64 52.4 43.5 65.3

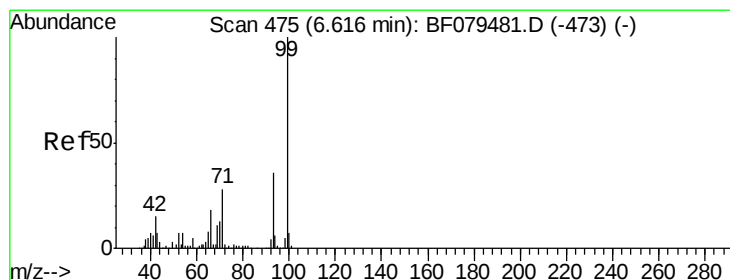
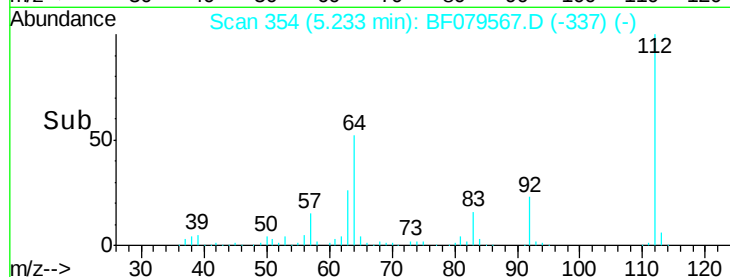
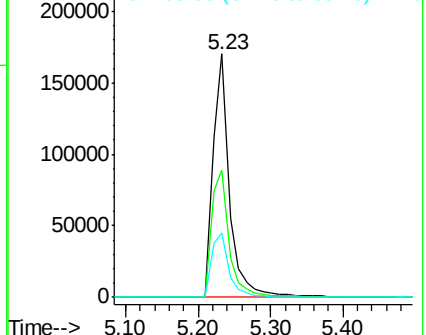
63 26.4 21.8 32.8



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: 29.87 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

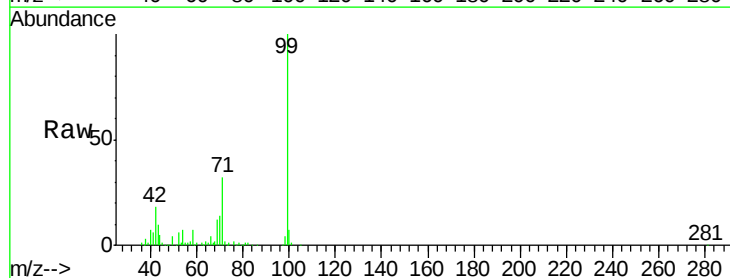
Tgt Ion: 99 Resp: 216718

Ion Ratio Lower Upper

99 100

42 17.9 11.9 17.9#

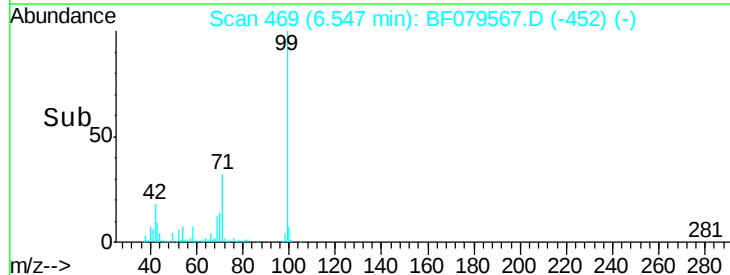
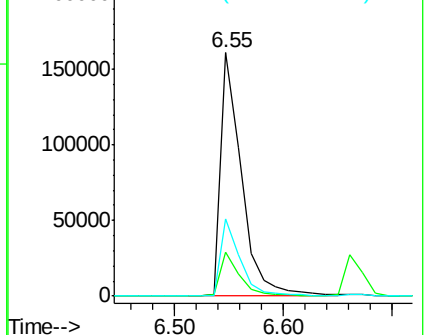
71 31.6 22.1 33.1

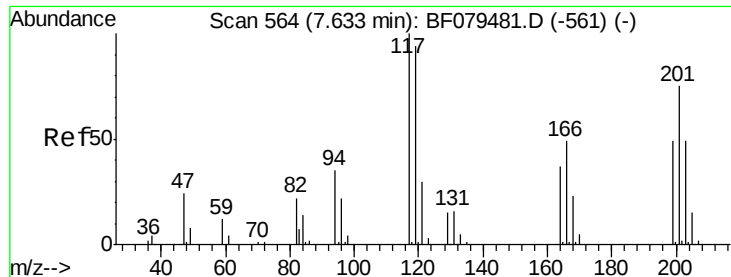


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#18

Hexachloroethane

Concen: 17.50 ng

RT: 7.66 min Scan# 566

Delta R.T. 0.09 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

Instrument :

BNA_F

ClientSampled :

MW-01

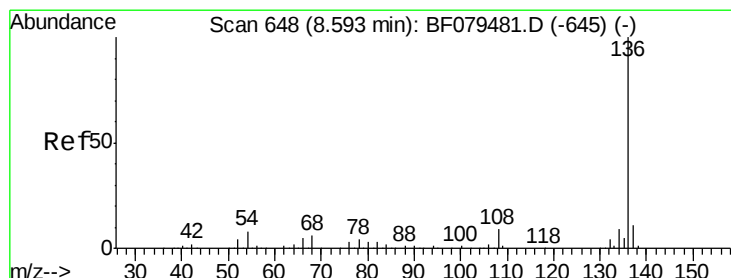
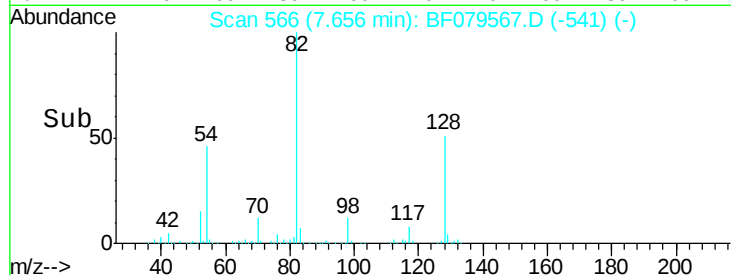
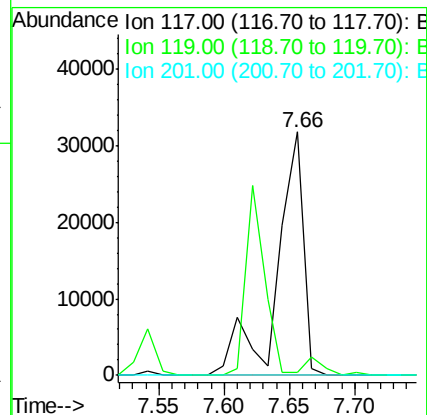
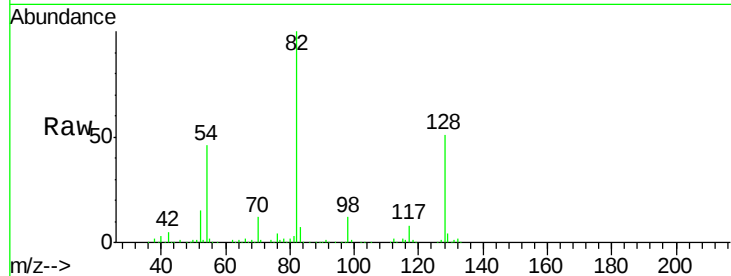
Tgt Ion:117 Resp: 45108

Ion Ratio Lower Upper

117 100

119 1.4 74.9 112.3#

201 0.0 60.2 90.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

Tgt Ion:136 Resp: 415936

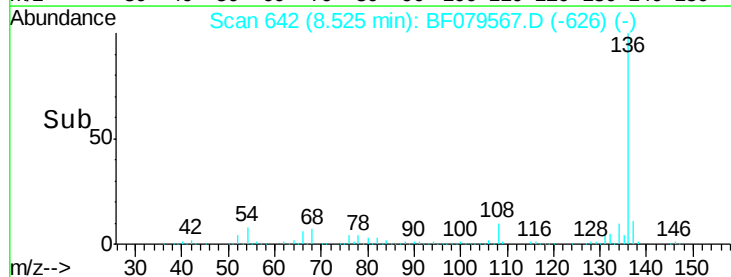
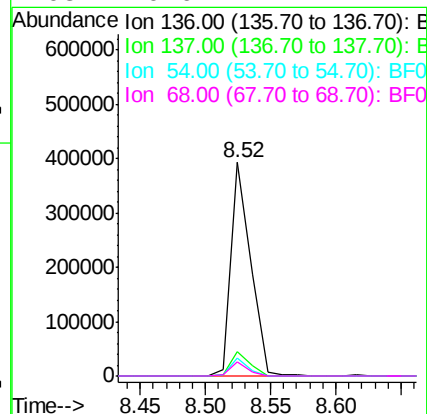
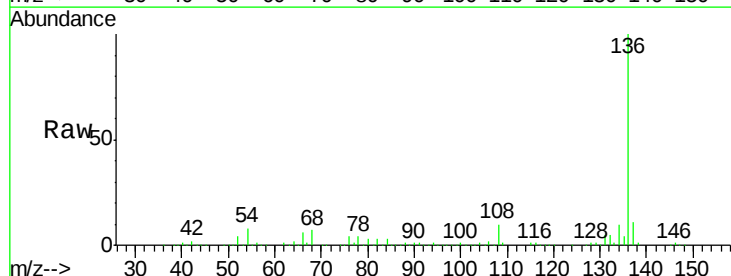
Ion Ratio Lower Upper

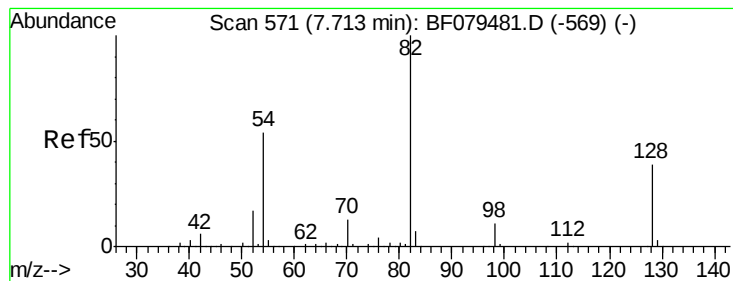
136 100

137 11.3 8.5 12.7

54 8.5 6.6 9.8

68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 65.12 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-01

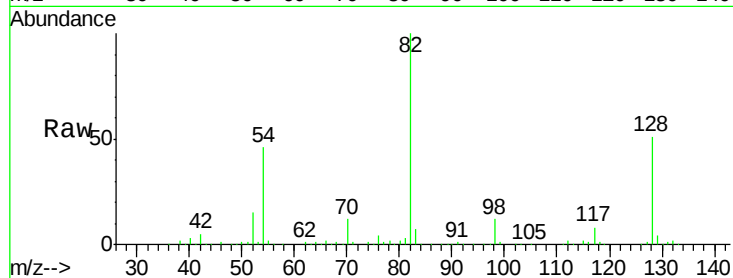
Tgt Ion: 82 Resp: 468587

Ion Ratio Lower Upper

82 100

128 51.2 30.8 46.2#

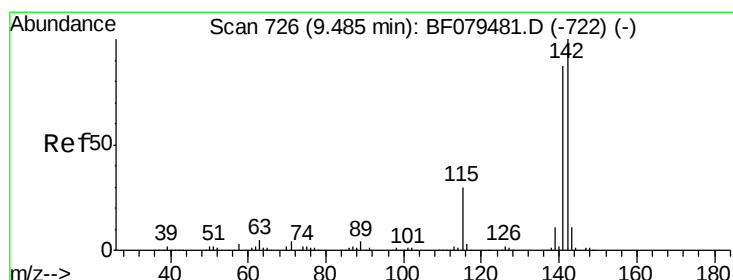
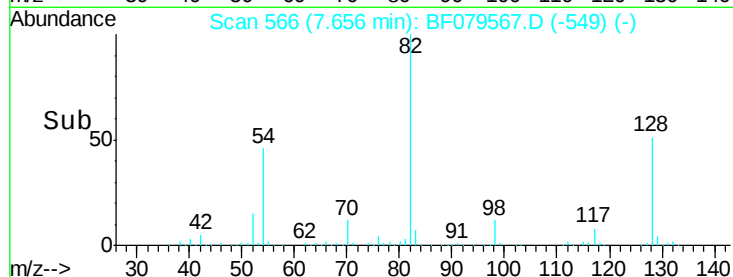
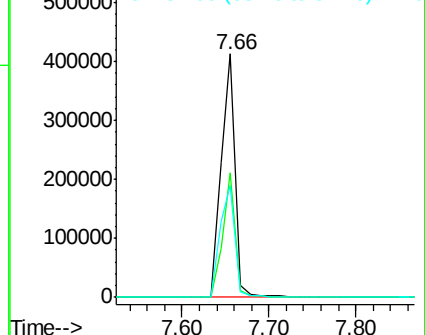
54 45.8 42.8 64.2



Abundance Ion 82.00 (81.70 to 82.70): BF079481.D (-569) (-)

Ion 128.00 (127.70 to 128.70): BF079481.D (-569) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-569) (-)



#37

2-Methylnaphthalene

Concen: 14.55 ng

RT: 9.53 min Scan# 730

Delta R.T. 0.11 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

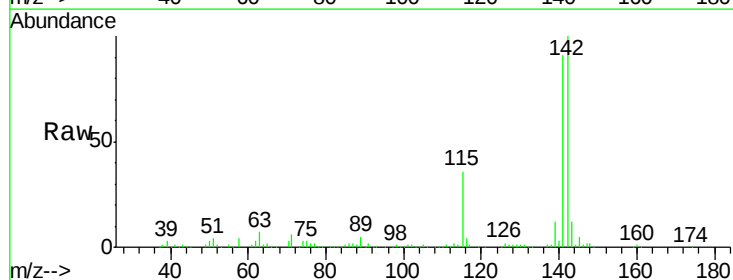
Tgt Ion: 142 Resp: 201690

Ion Ratio Lower Upper

142 100

141 90.5 69.5 104.3

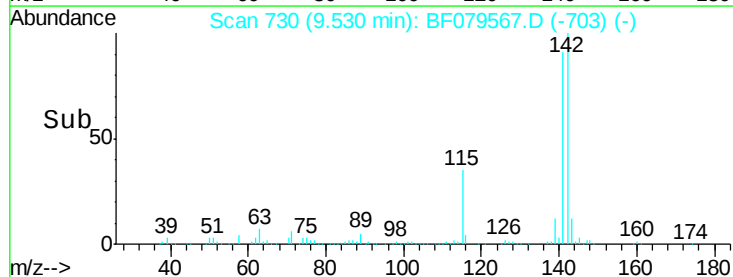
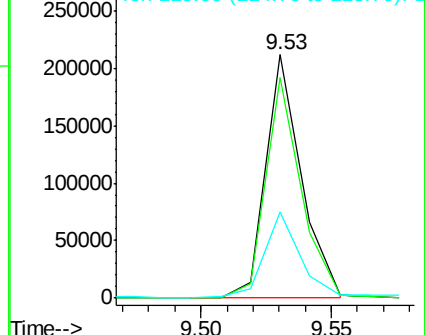
115 35.6 23.8 35.6

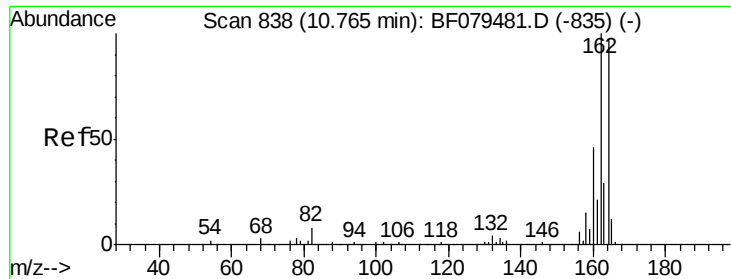


Abundance Ion 142.00 (141.70 to 142.70): BF079481.D (-722) (-)

Ion 141.00 (140.70 to 141.70): BF079481.D (-722) (-)

Ion 115.00 (114.70 to 115.70): BF079481.D (-722) (-)

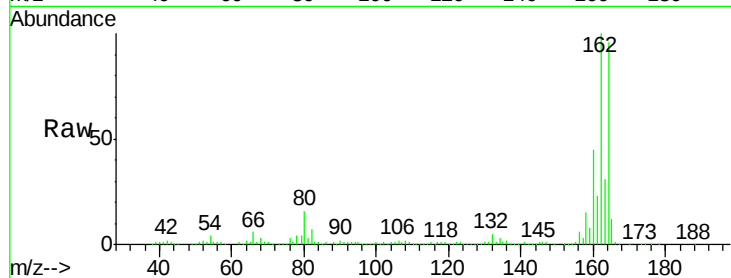




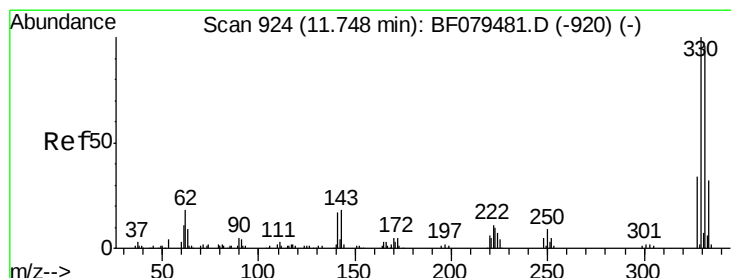
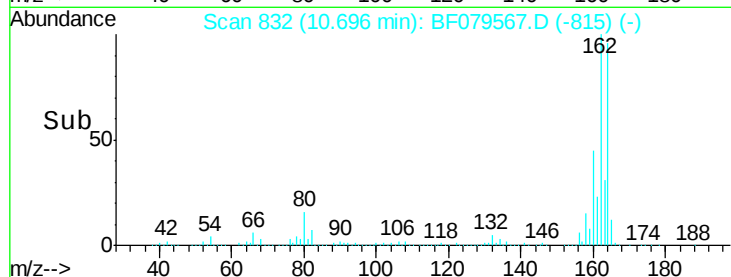
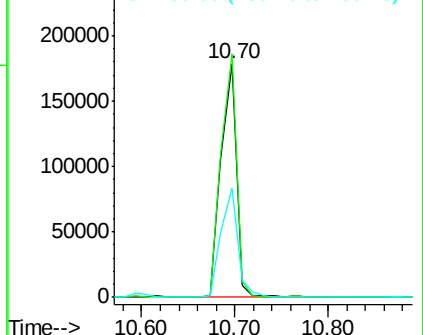
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:164 Resp: 205577
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 124.0
 160 47.0 37.7 56.5

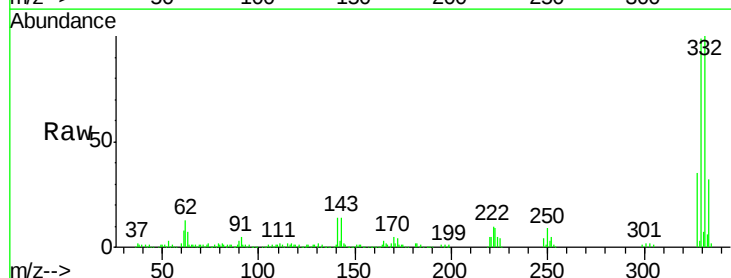


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

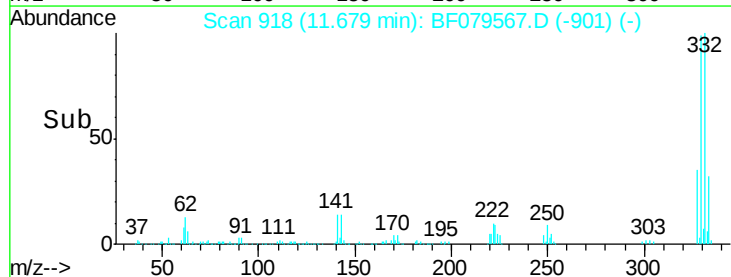
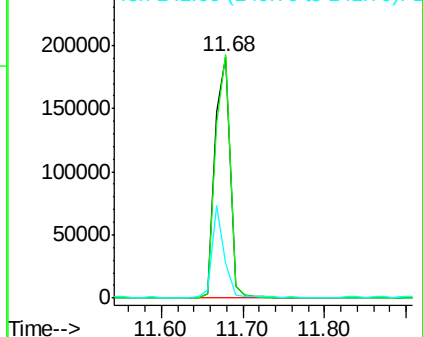


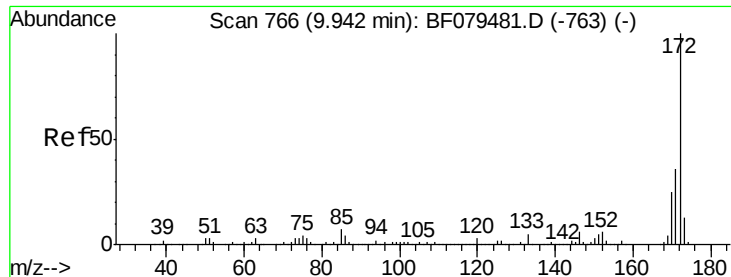
#41
 2,4,6-Tribromophenol
 Concen: 108.72 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Tgt Ion:330 Resp: 245481
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 31.2 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

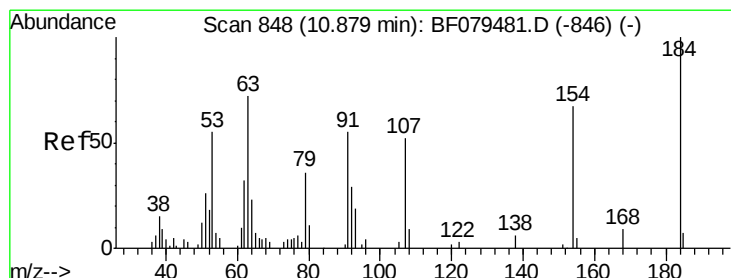
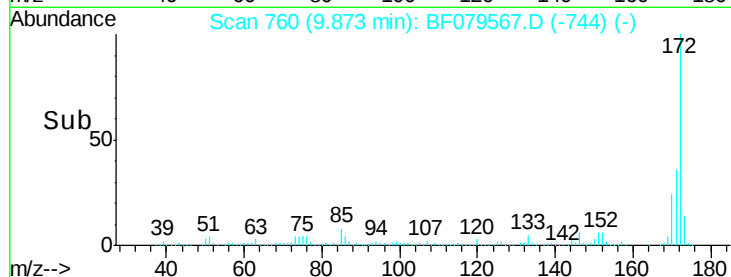
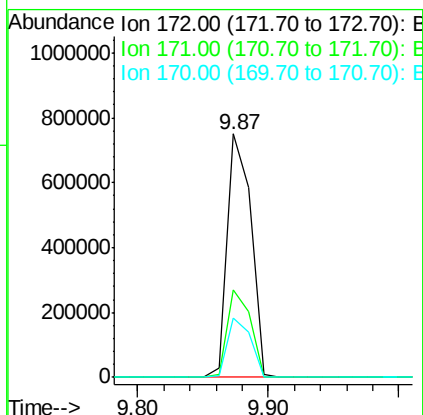
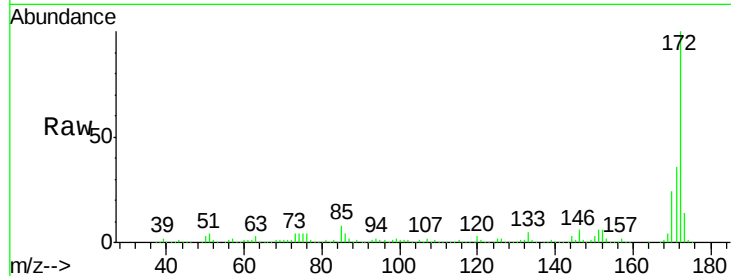




#44
 2-Fluorobiphenyl
 Concen: 65.72 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

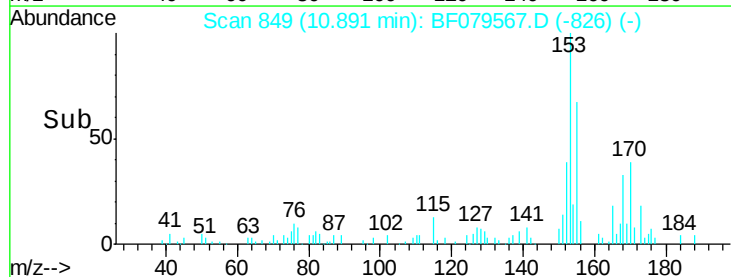
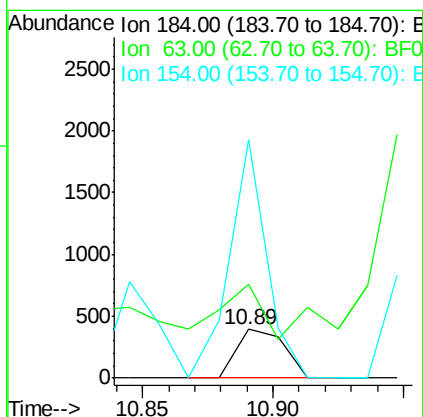
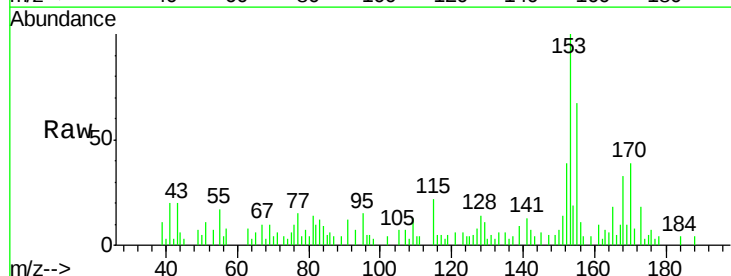
Instrument :
 BNA_F
 ClientSampled :
 MW-01

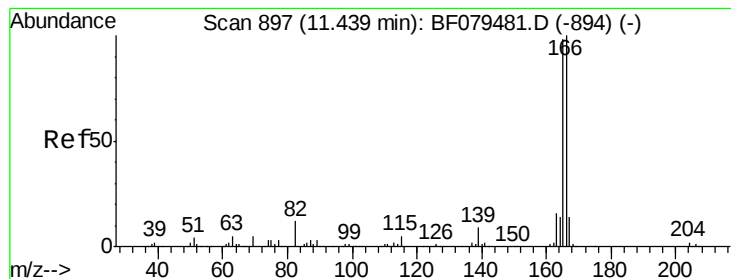
Tgt Ion:172 Resp: 946938
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.5 19.7 29.5



#53
 2,4-Dinitrophenol
 Concen: 5.91 ng
 RT: 10.89 min Scan# 849
 Delta R.T. 0.07 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Tgt Ion:184 Resp: 501
 Ion Ratio Lower Upper
 184 100
 63 194.4 57.7 86.5#
 154 493.1 53.4 80.2#





#57

Fluorene

Concen: 2.28 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-01

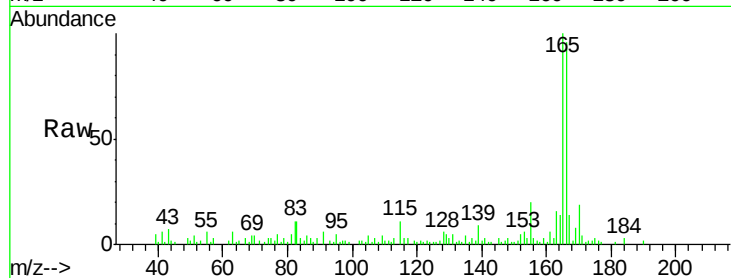
Tgt Ion:166 Resp: 33410

Ion Ratio Lower Upper

166 100

165 104.5 78.6 117.8

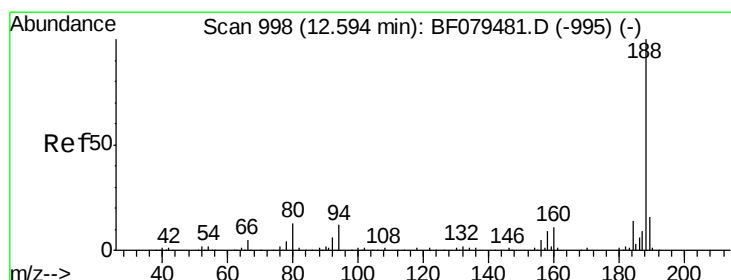
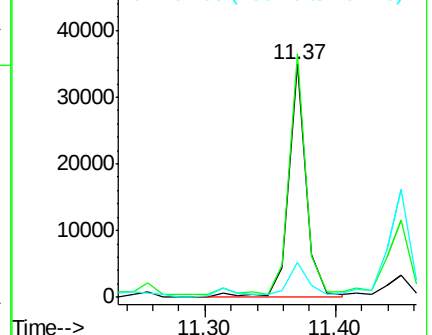
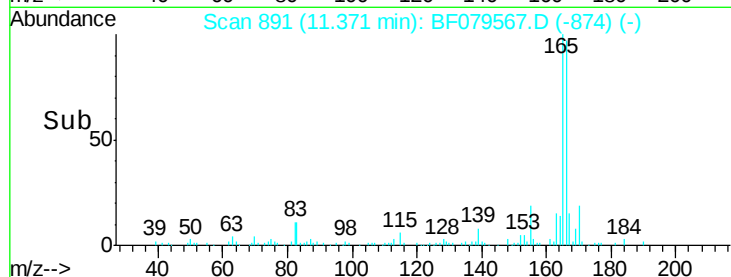
167 15.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF079567.D

Acq: 29 May 2015 18:28

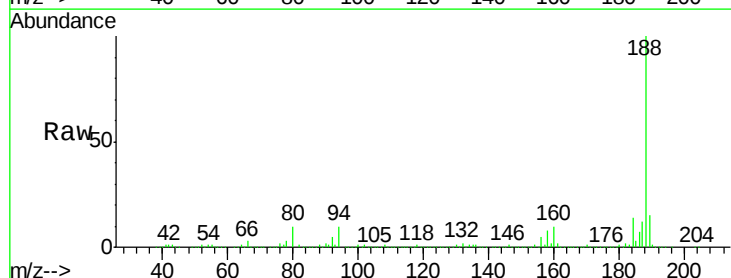
Tgt Ion:188 Resp: 378140

Ion Ratio Lower Upper

188 100

94 10.0 9.8 14.6

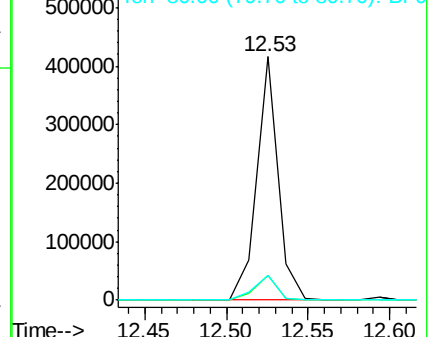
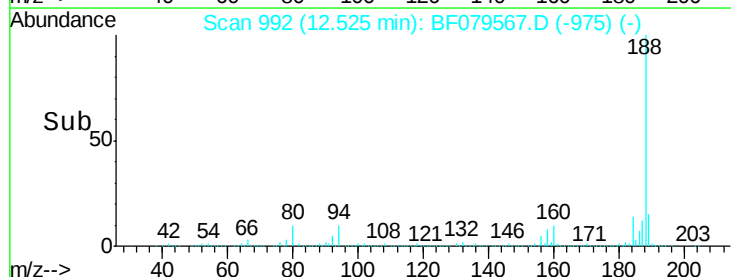
80 10.1 10.5 15.7#

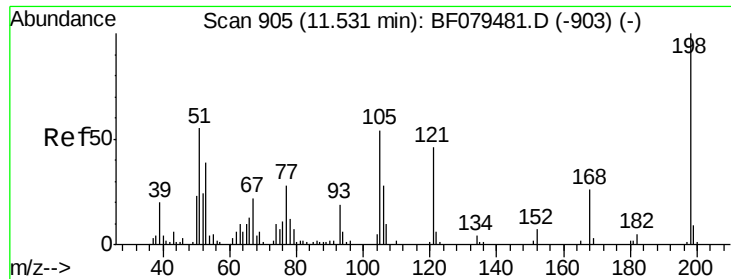


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

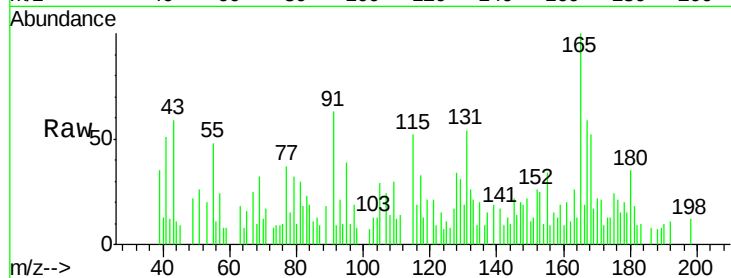




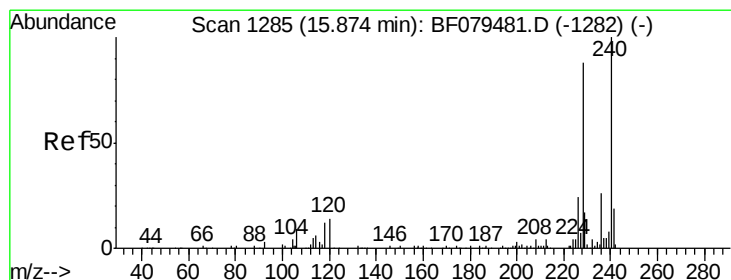
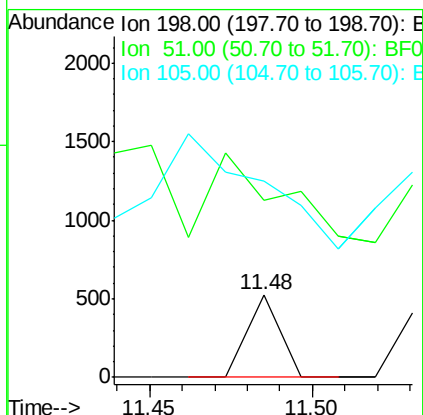
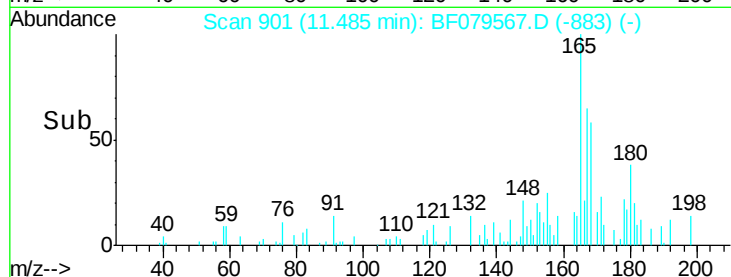
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.16 ng
 RT: 11.48 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:198 Resp: 360
 Ion Ratio Lower Upper
 198 100
 51 214.1 36.0 76.0#
 105 237.3 34.1 74.1#

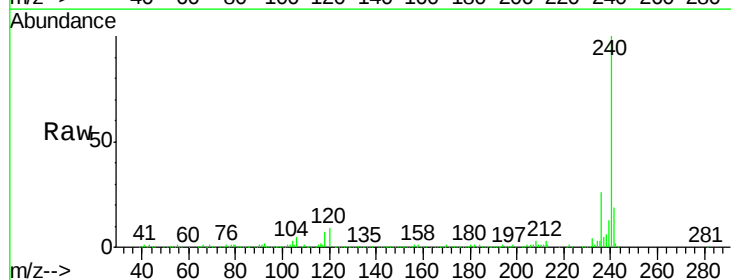


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

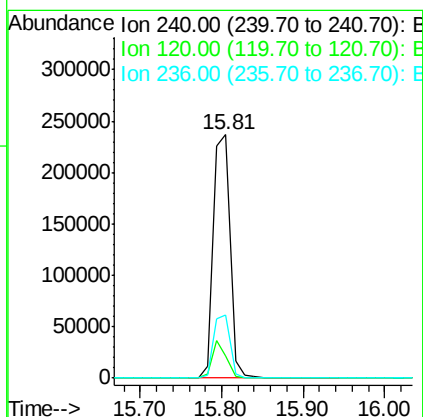
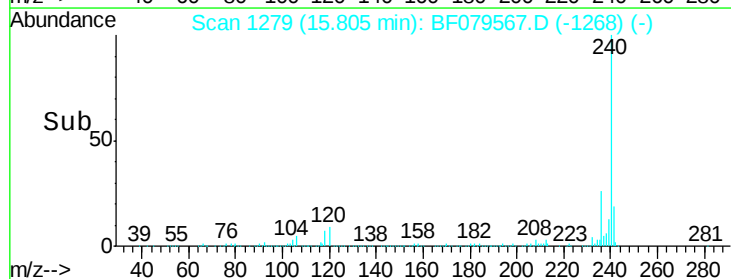


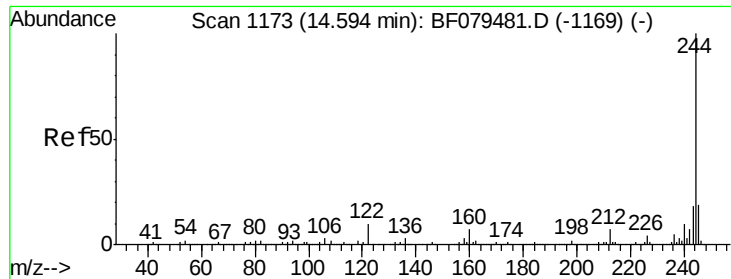
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.81 min Scan# 1279
 Delta R.T. -0.07 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Tgt Ion:240 Resp: 342035
 Ion Ratio Lower Upper
 240 100
 120 8.9 10.8 16.2#
 236 25.9 21.0 31.6



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

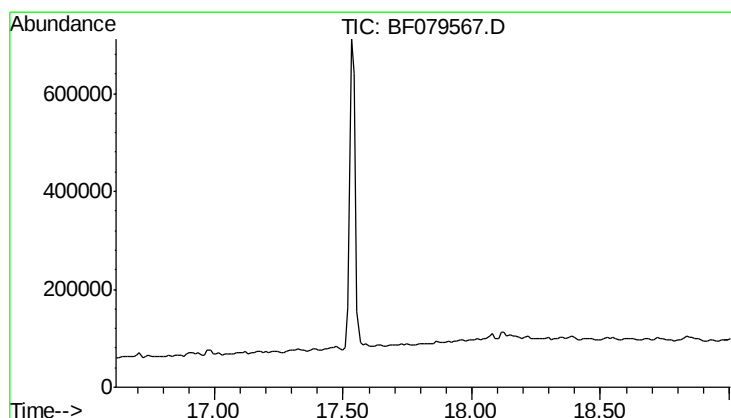
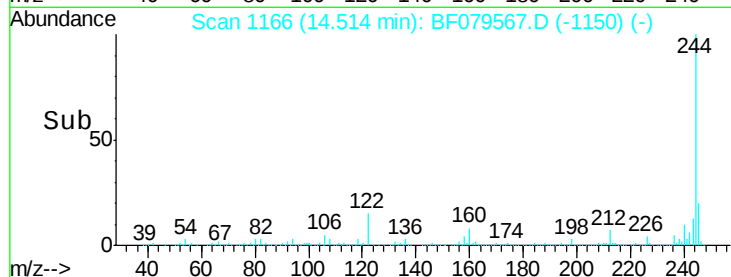
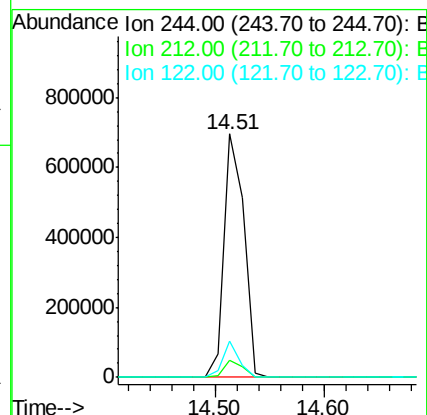
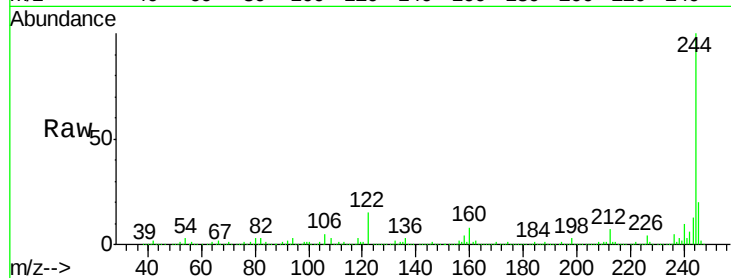




#78
 Terphenyl-d14
 Concen: 60.90 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion: 244 Resp: 887591
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.9 8.0 12.0#



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 17.81 min
 Lab File: BF079567.D
 Acq: 29 May 2015 18:28

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.8
 265 22.2

