

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079135.D
 Acq On : 12 May 2015 2:22
 Operator : TP/IZ
 Sample : G2146-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: May 12 05:45:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 05:22:05 2015
 Response via : Initial Calibration

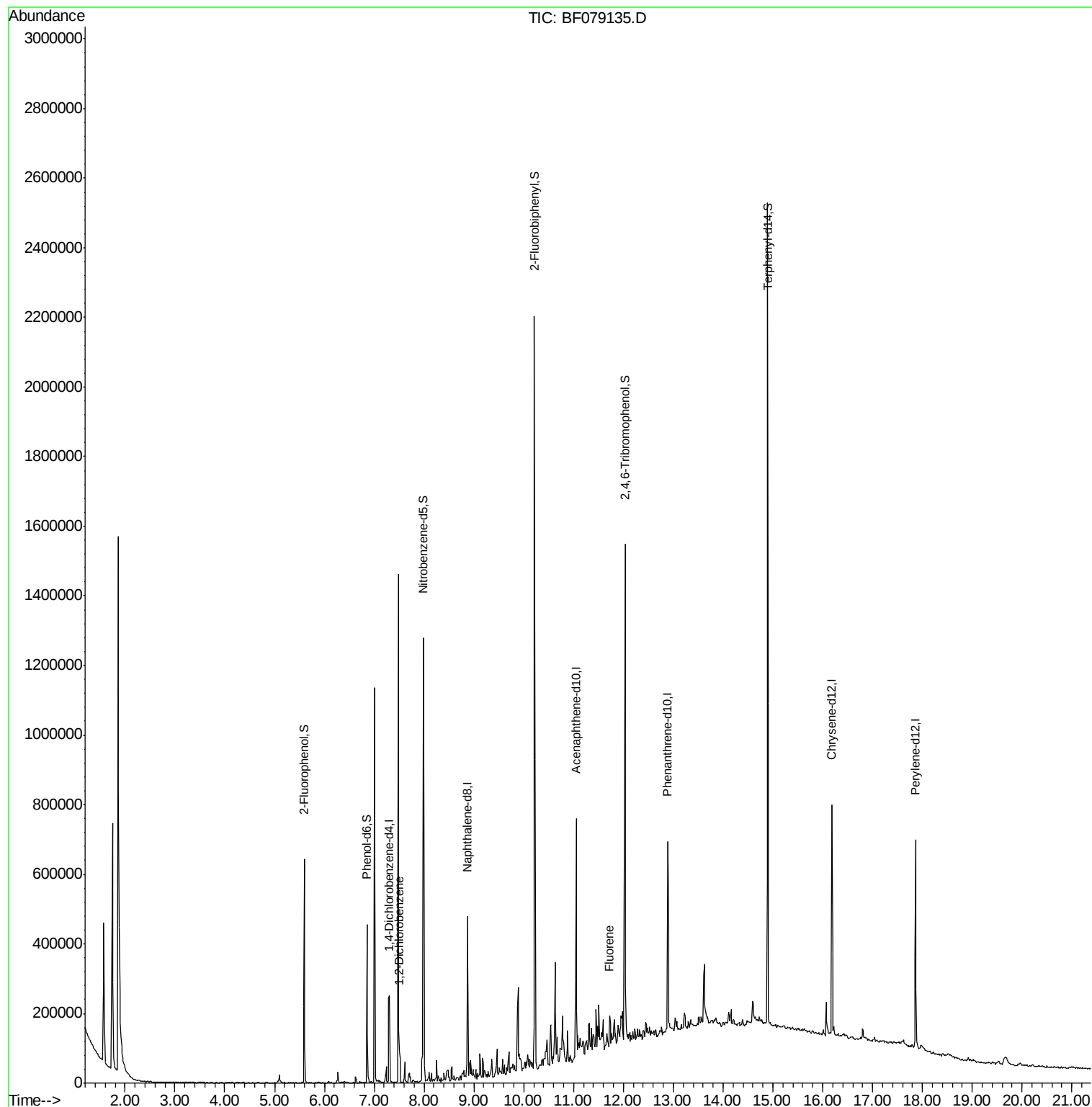
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	56694	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	249871	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	132780	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	247180	20.00	ng	0.00
75) Chrysene-d12	16.18	240	256257	20.00	ng	-0.01
86) Perylene-d12	17.86	264	270037	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	197697	60.03	ng	0.00
7) Phenol-d6	6.86	99	163922	37.65	ng	0.00
23) Nitrobenzene-d5	7.99	82	369875	85.07	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	201763	140.46	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	752305	78.94	ng	0.00
78) Terphenyl-d14	14.89	244	893953	83.52	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	7.50	146	15358	3.82	ng	Qvalue 94
57) Fluorene	11.72	166	23141	2.42	ng	# 95

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

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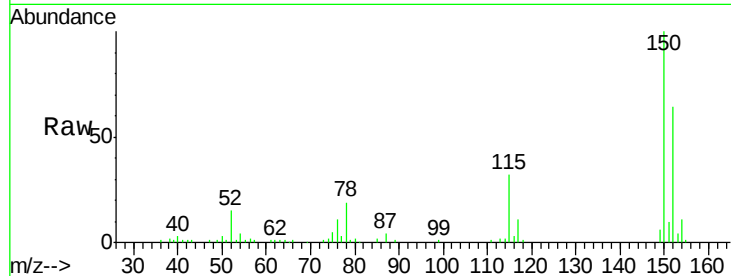


#1

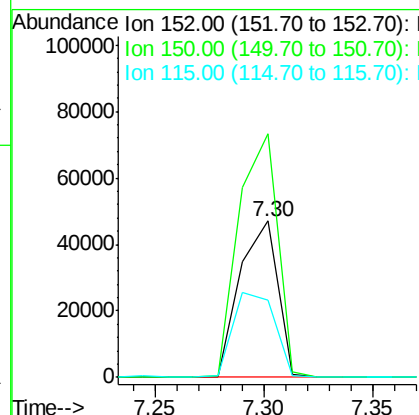
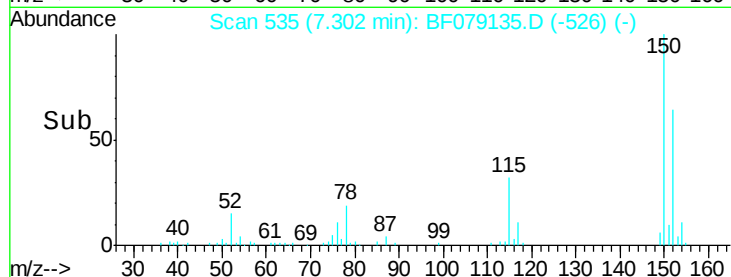
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079135.D
Acq: 12 May 2015 2:22

Instrument :
BNA_F
ClientSampleId :
MW-7

Tot Ion:152 Resp: 56694
Ion Ratio Lower Upper
152 100
150 155.9 122.0 183.0
115 49.4 46.3 69.5



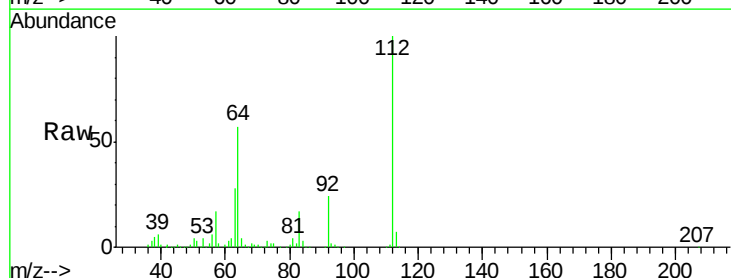
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



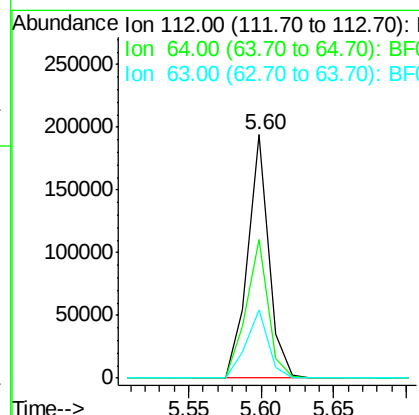
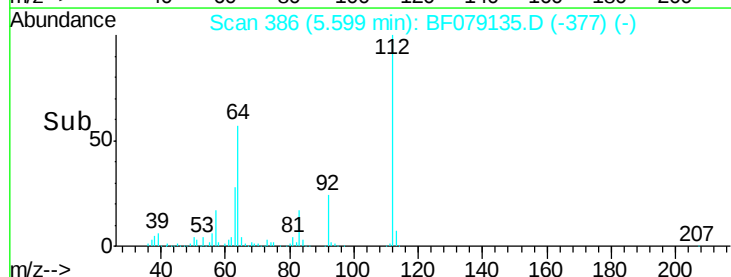
#5

2-Fluorophenol
Concen: 60.03 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079135.D
Acq: 12 May 2015 2:22

Tgt Ion:112 Resp: 197697
Ion Ratio Lower Upper
112 100
64 57.0 53.5 80.3
63 28.3 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: 37.65 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

Instrument :

BNA_F

ClientSampleId :

MW-7

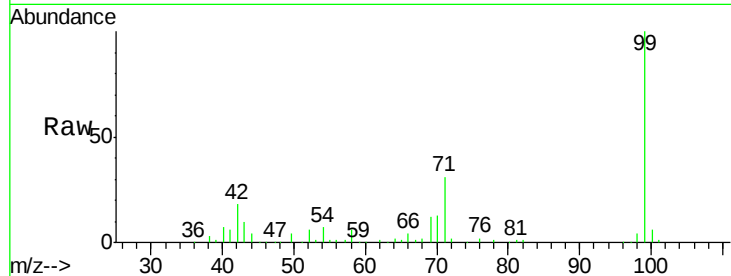
Tot Ion: 99 Resp: 163922

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

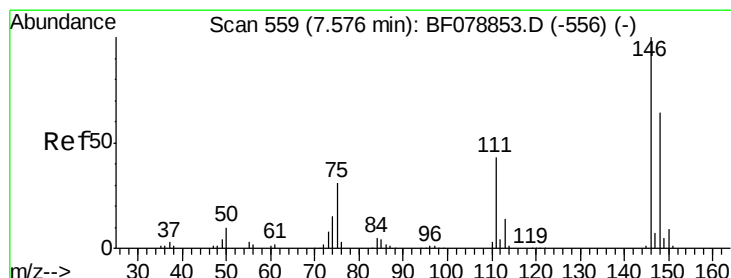
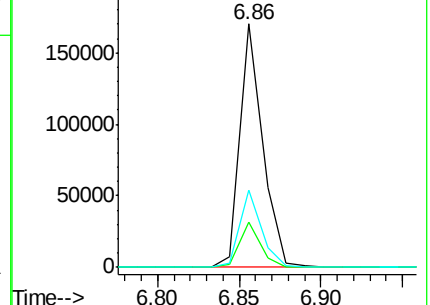
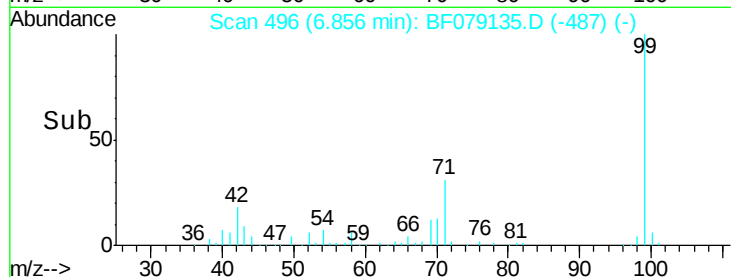
71 31.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#14

1,2-Dichlorobenzene

Concen: 3.82 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

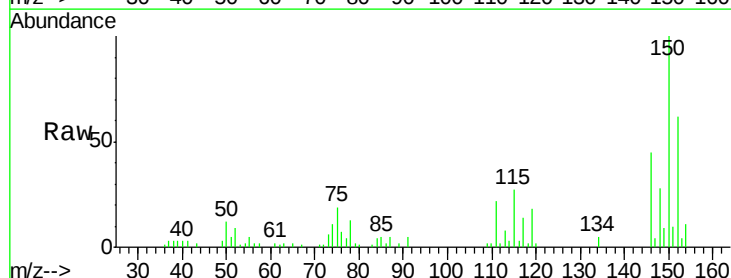
Tgt Ion: 146 Resp: 15358

Ion Ratio Lower Upper

146 100

148 62.4 51.2 76.8

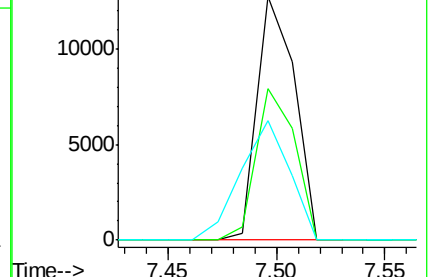
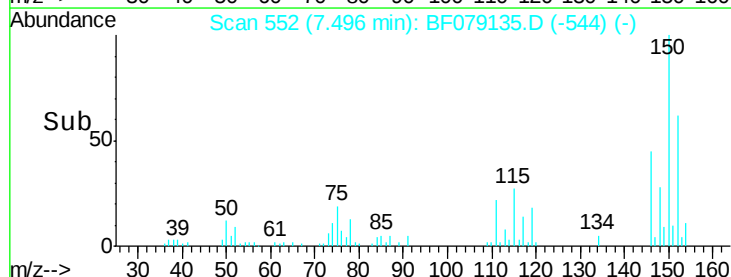
111 49.2 33.3 49.9

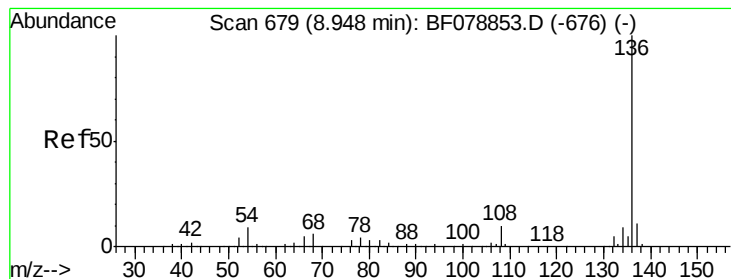


Abundance Ion 146.00 (145.70 to 146.70): BF078853.D (-556) (-)

Ion 148.00 (147.70 to 148.70): BF078853.D (-556) (-)

Ion 111.00 (110.70 to 111.70): BF078853.D (-556) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

Instrument :

BNA_F

ClientSampleId :

MW-7

Tot Ion:136 Resp: 249871

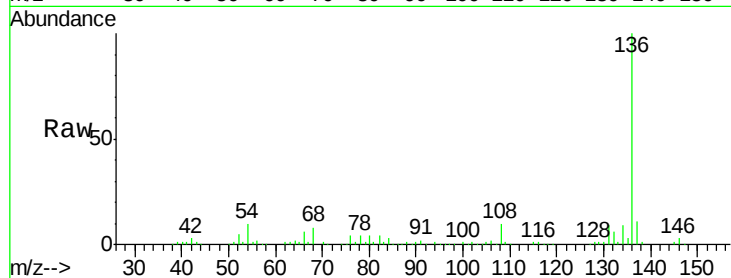
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.7 5.8 8.8#

68 7.6 4.2 6.4#

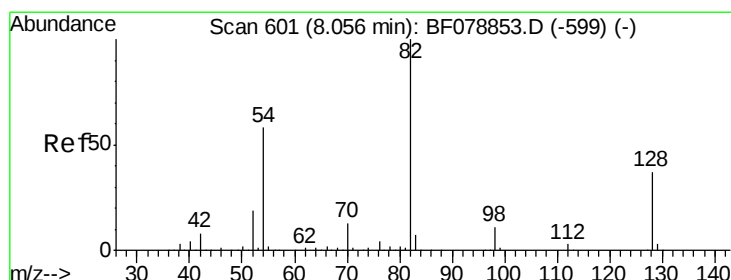
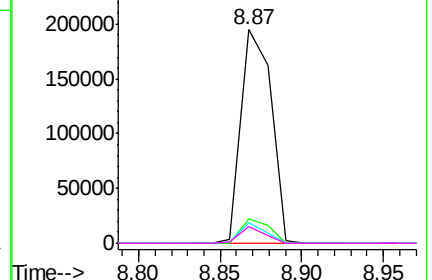
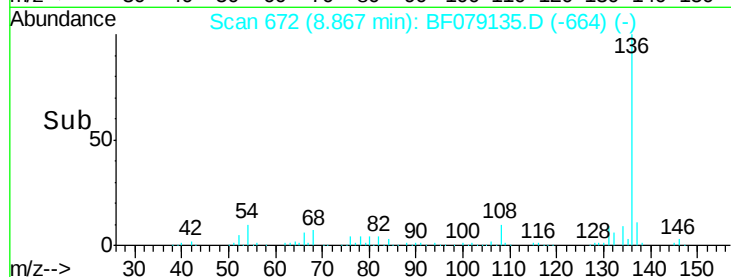


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.07 ng

RT: 7.99 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

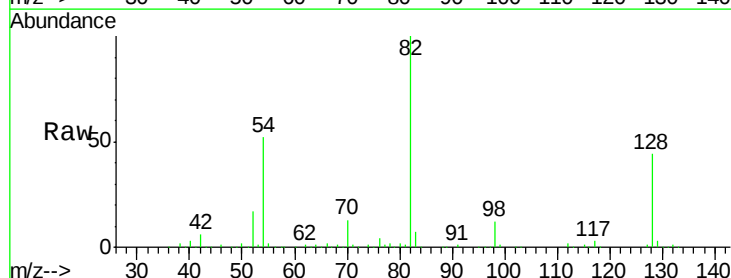
Tgt Ion: 82 Resp: 369875

Ion Ratio Lower Upper

82 100

128 43.5 30.0 45.0

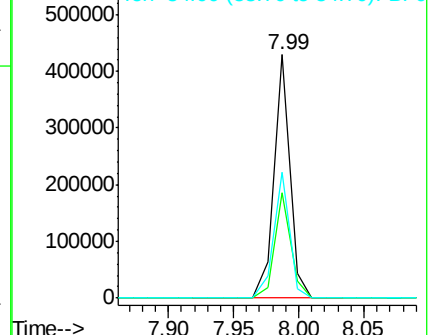
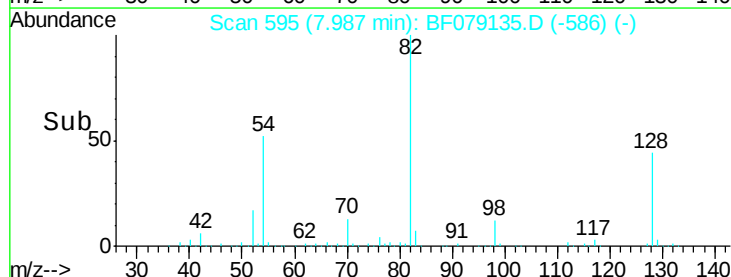
54 51.8 46.4 69.6

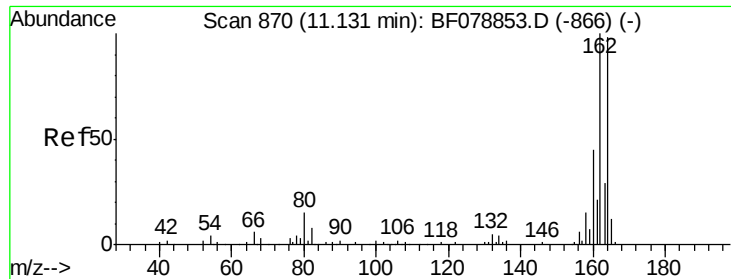


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

Instrument :

BNA_F

ClientSampleId :

MW-7

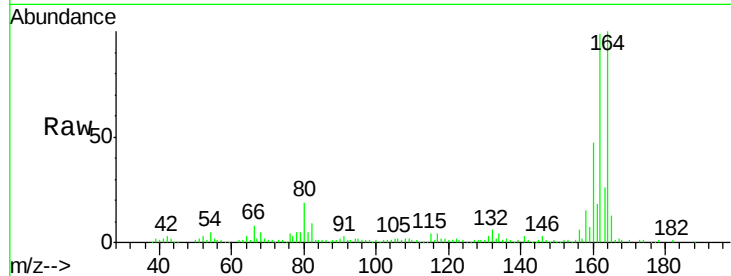
Tot Ion:164 Resp: 132780

Ion Ratio Lower Upper

164 100

162 98.9 82.7 124.1

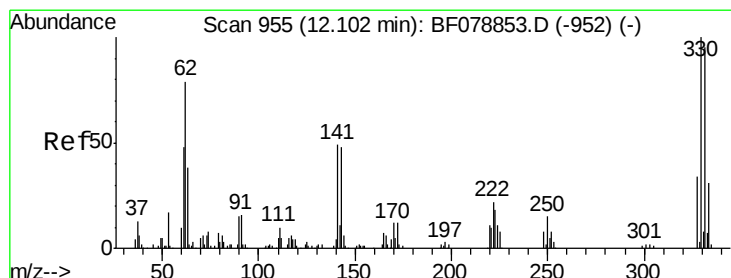
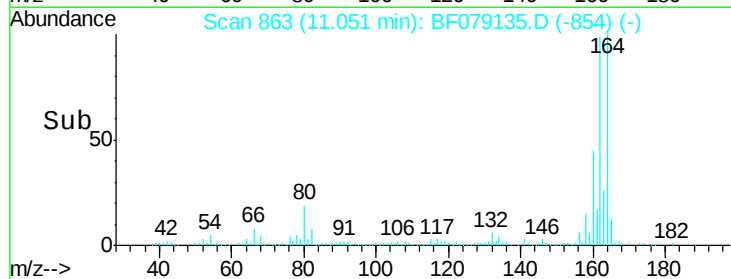
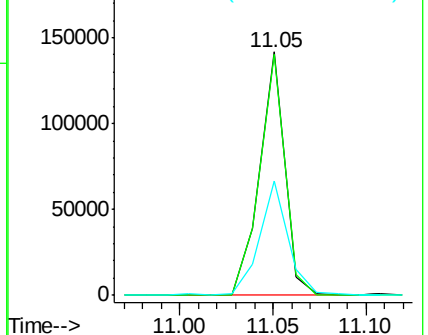
160 46.9 35.8 53.8



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: 140.46 ng

RT: 12.03 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

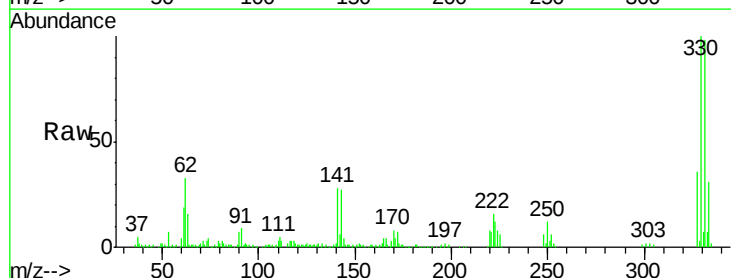
Tgt Ion:330 Resp: 201763

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

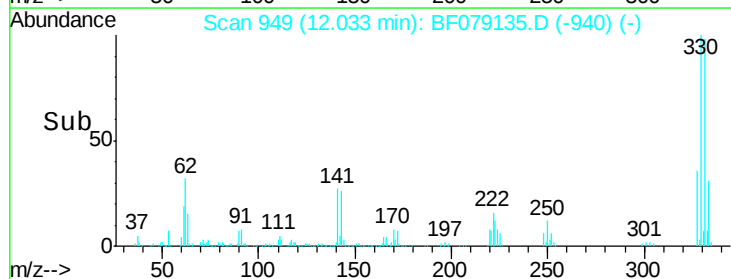
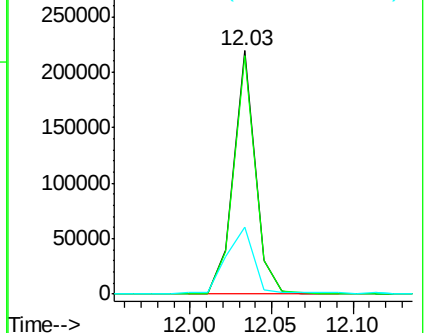
141 33.6 0.0 0.0#

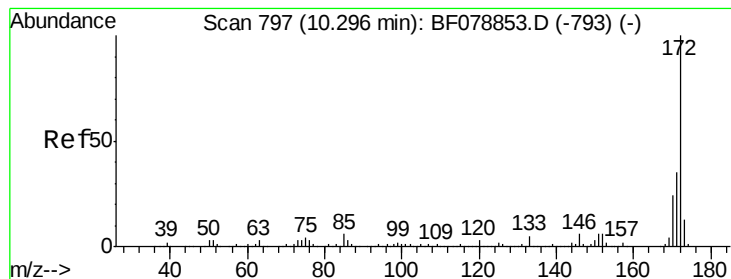


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.94 ng

RT: 10.22 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

Instrument :

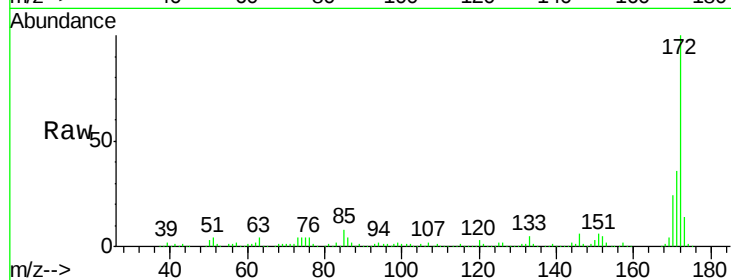
BNA_F

ClientSampleId :

MW-7

Tot Ion:172 Resp: 752305

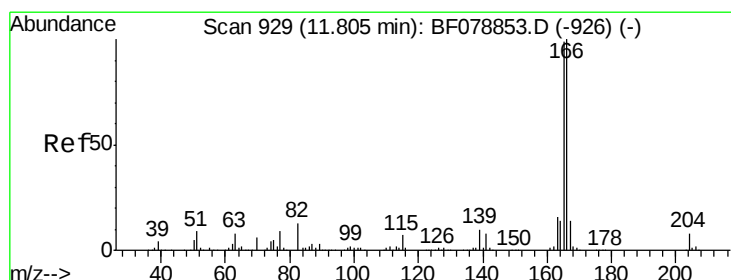
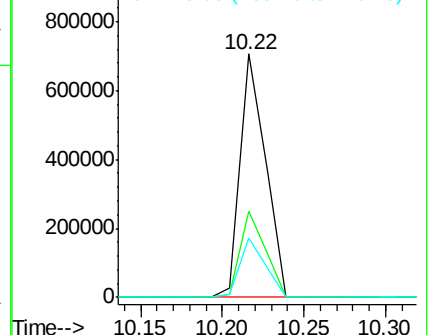
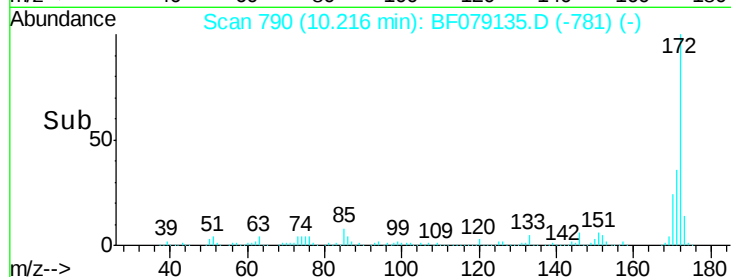
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.1	19.4	29.0



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



#57

Fluorene

Concen: 2.42 ng

RT: 11.72 min Scan# 922

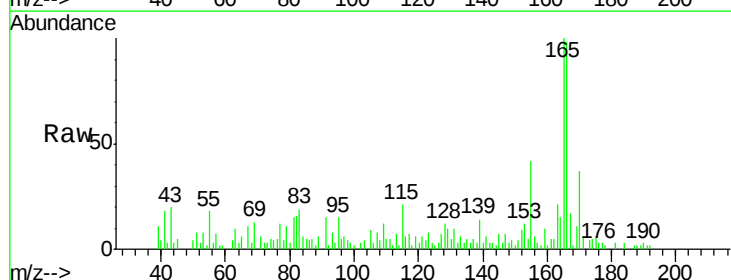
Delta R.T. -0.01 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

Tgt Ion:166 Resp: 23141

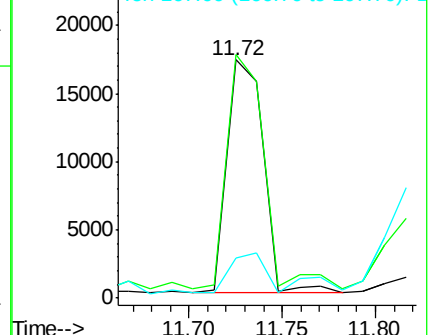
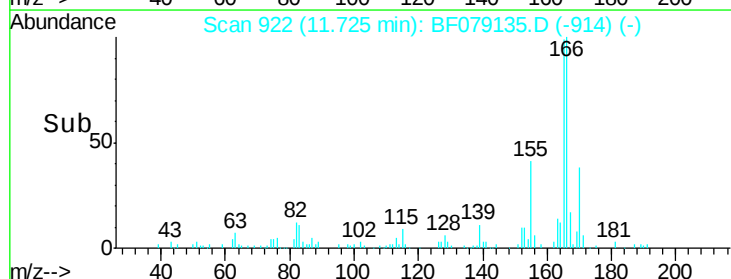
Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.5	117.7
167	16.9	11.0	16.6

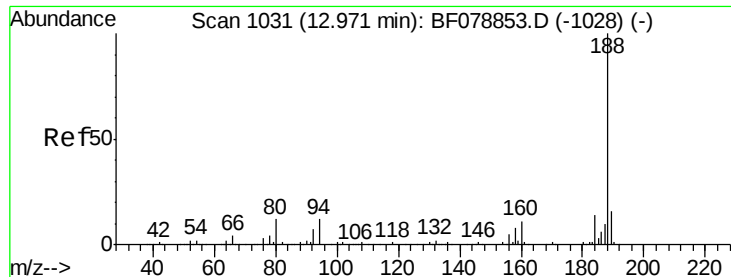


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

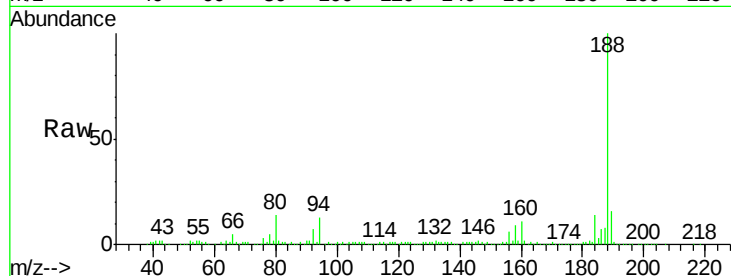




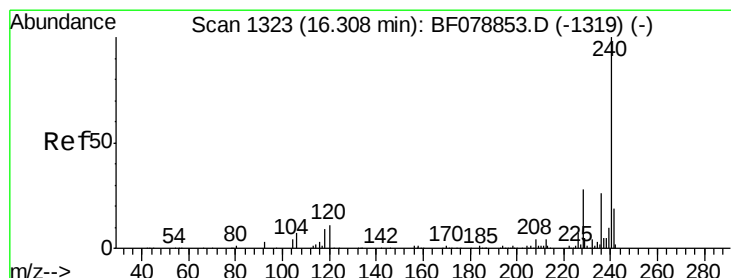
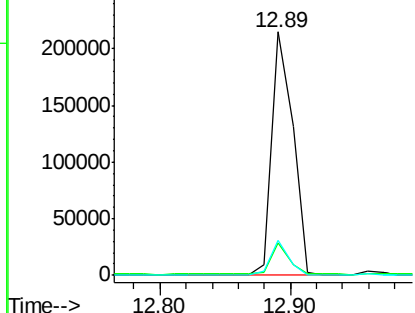
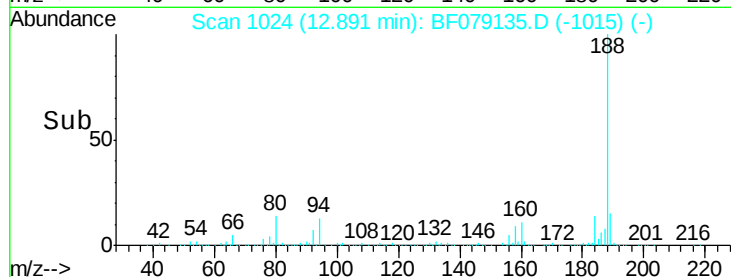
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF079135.D
Acq: 12 May 2015 2:22

Instrument :
BNA_F
ClientSampleId :
MW-7

Tot Ion:188 Resp: 247180
Ion Ratio Lower Upper
188 100
94 13.1 8.2 12.2#
80 14.5 8.9 13.3#

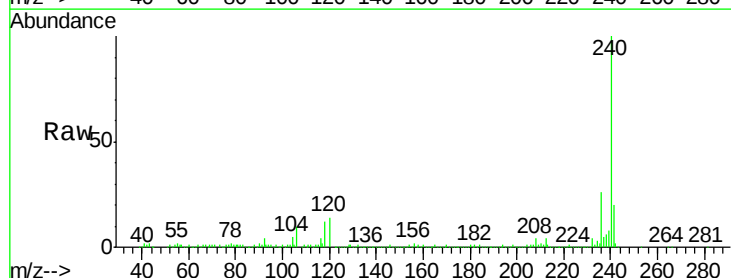


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

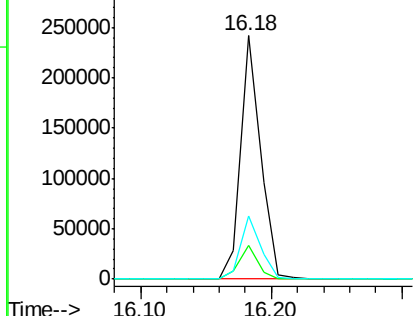
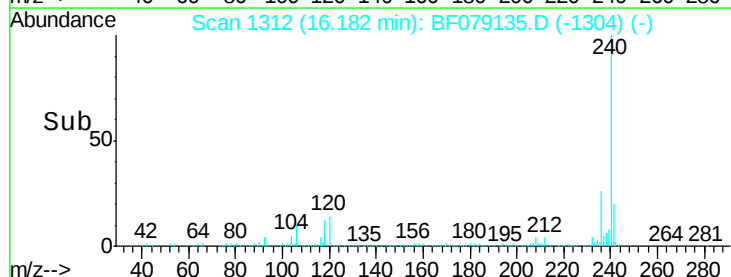


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF079135.D
Acq: 12 May 2015 2:22

Tgt Ion:240 Resp: 256257
Ion Ratio Lower Upper
240 100
120 14.1 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





#78

Terphenyl-d14

Concen: 83.52 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

Instrument :

BNA_F

ClientSampleId :

MW-7

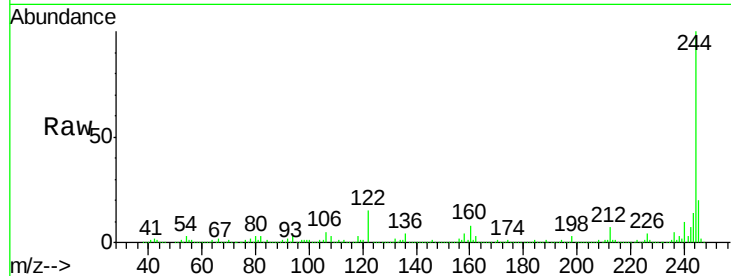
Tot Ion:244 Resp: 893953

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

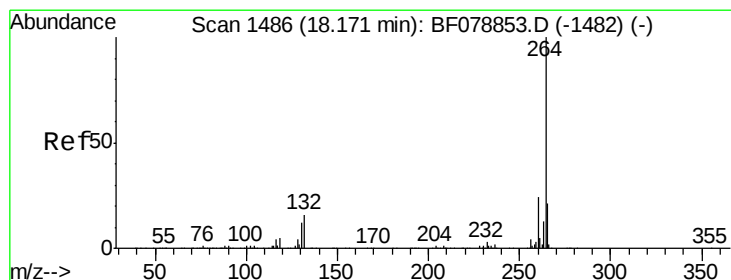
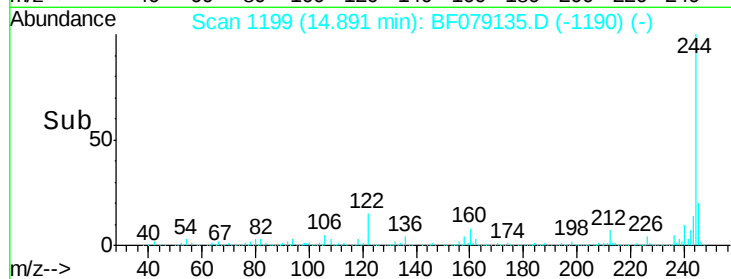
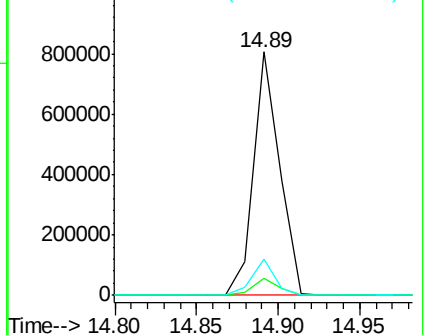
122 14.9 10.3 15.5



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: 17.86 min Scan# 1459

Delta R.T. -0.10 min

Lab File: BF079135.D

Acq: 12 May 2015 2:22

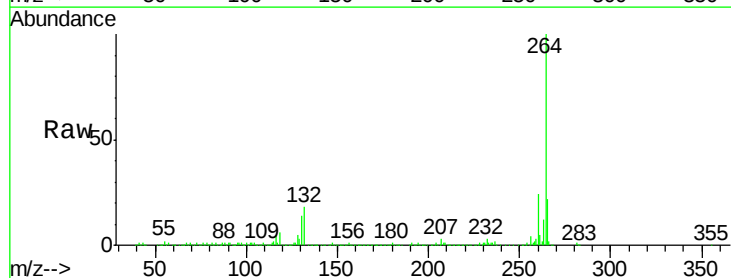
Tgt Ion:264 Resp: 270037

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.9 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

