

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079089.D
 Acq On : 9 May 2015 19:28
 Operator : TP/IZ
 Sample : G2115-01RE
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5RE

Quant Time: May 11 02:08:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

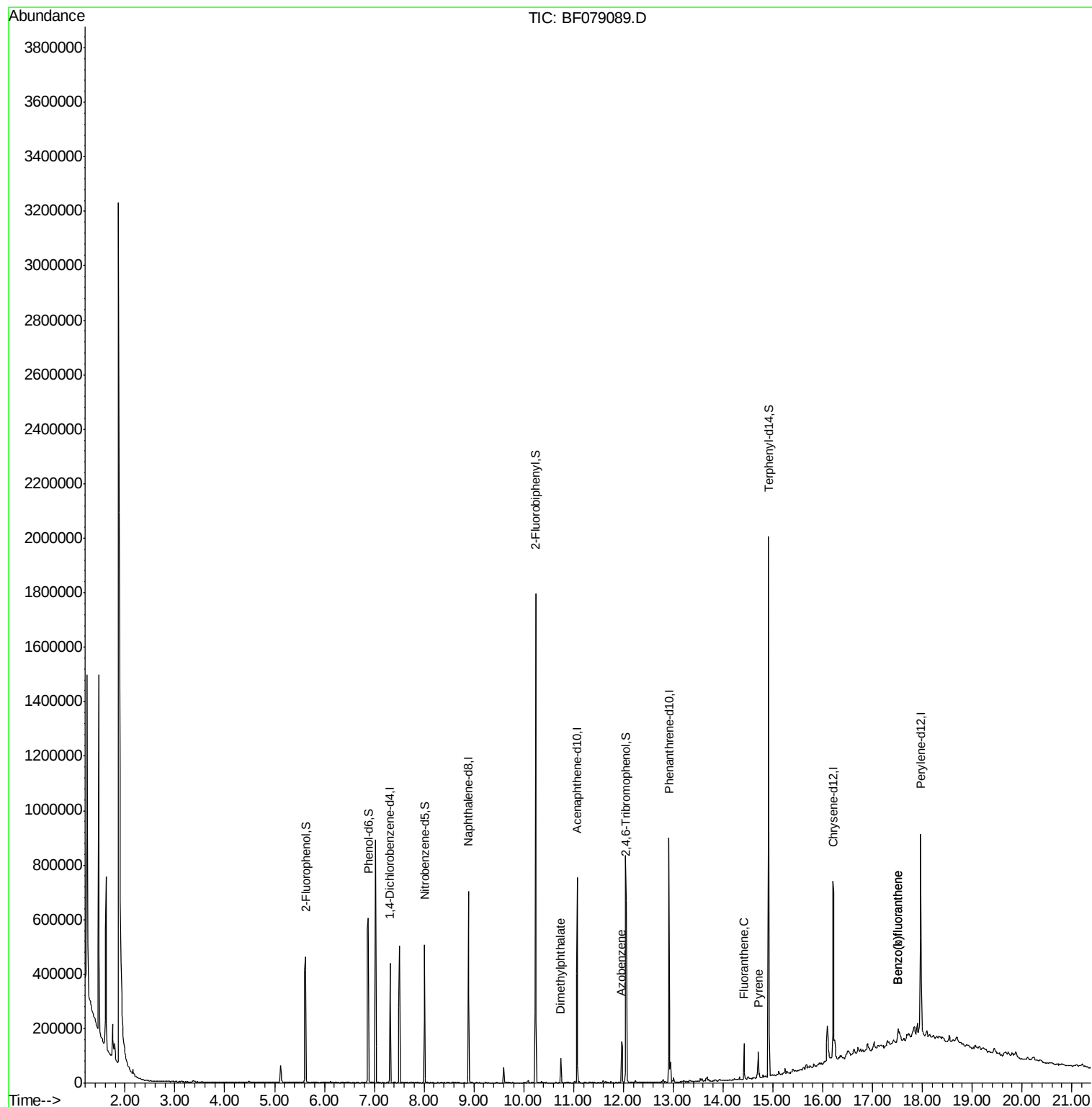
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	86859	20.00	ng	-0.01
21) Naphthalene-d8	8.89	136	364525	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	181594	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	340703	20.00	ng	0.00
75) Chrysene-d12	16.22	240	323933	20.00	ng	0.01
86) Perylene-d12	17.97	264	337597	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	188673	37.39	ng	0.00
7) Phenol-d6	6.88	99	310569	46.56	ng	0.00
23) Nitrobenzene-d5	8.01	82	180169	28.41	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	145774	74.20	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	537795	41.26	ng	0.00
78) Terphenyl-d14	14.91	244	712098	52.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.74	163	36273	2.72	ng	100
62) Azobenzene	11.97	77	42878	3.30	ng	# 9
74) Fluoranthene	14.42	202	54587	2.75	ng	95
77) Pyrene	14.71	202	49048	2.63	ng	98
87) Benzo(b)fluoranthene	17.51	252	40740	2.20	ng	# 81
88) Benzo(k)fluoranthene	17.51	252	41056	2.30	ng	# 82

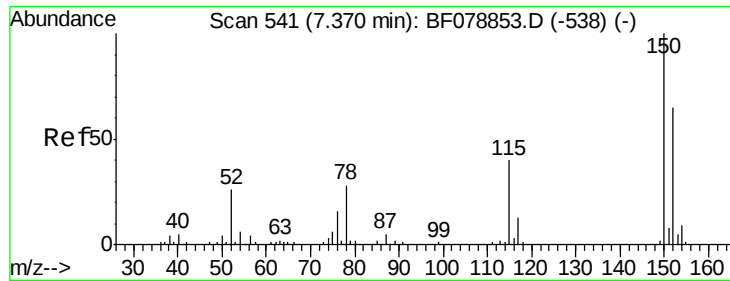
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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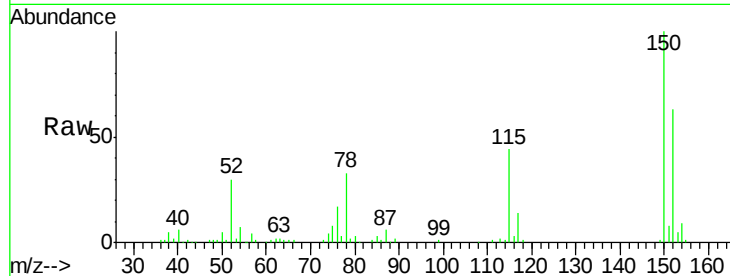




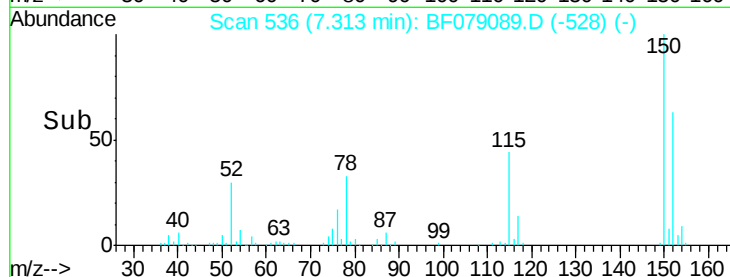
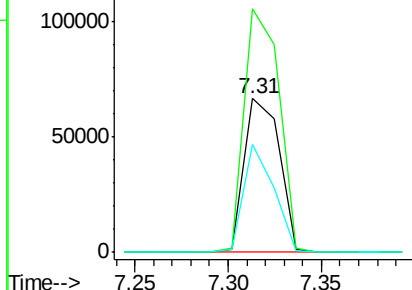
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.31 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5RE

Tgt Ion:152 Resp: 86859
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.0 183.0
 115 70.3 46.3 69.5#

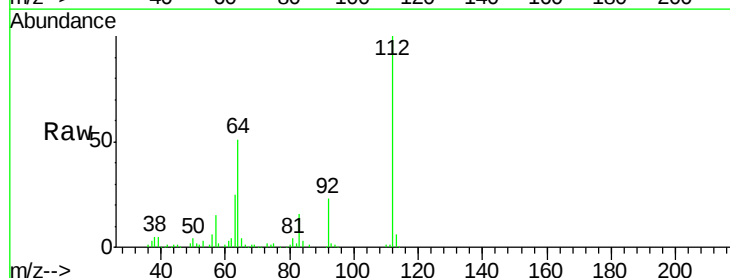


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

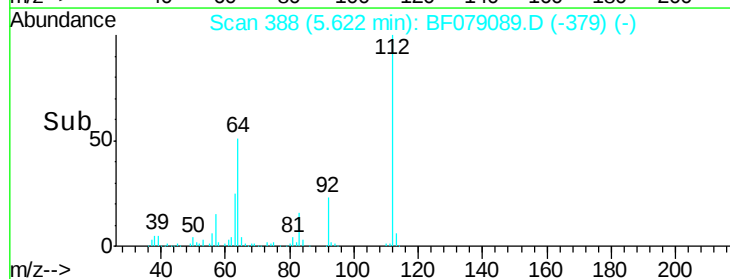
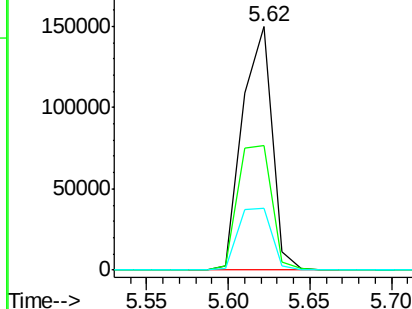


#5
 2-Fluorophenol
 Concen: 37.39 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

Tgt Ion:112 Resp: 188673
 Ion Ratio Lower Upper
 112 100
 64 51.3 53.5 80.3#
 63 25.3 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: 46.56 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079089.D

Acq: 9 May 2015 19:28

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-5RE

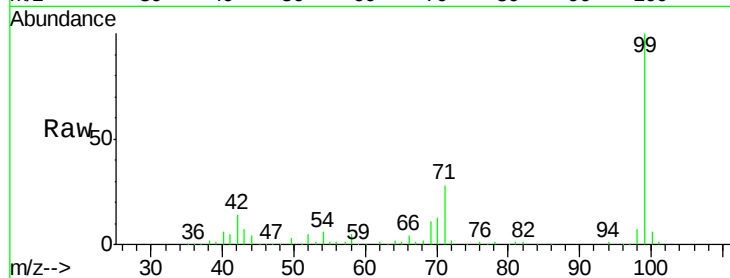
Tgt Ion: 99 Resp: 310569

Ion Ratio Lower Upper

99 100

42 13.6 12.8 19.2

71 27.5 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

300000

250000

200000

150000

100000

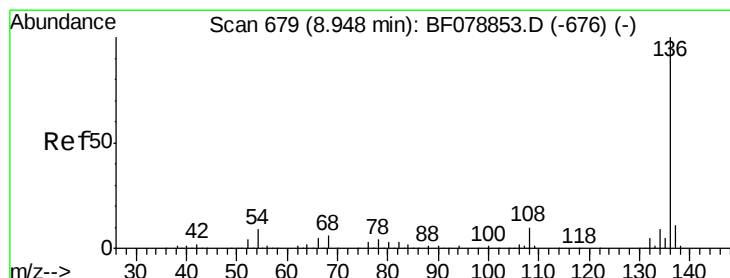
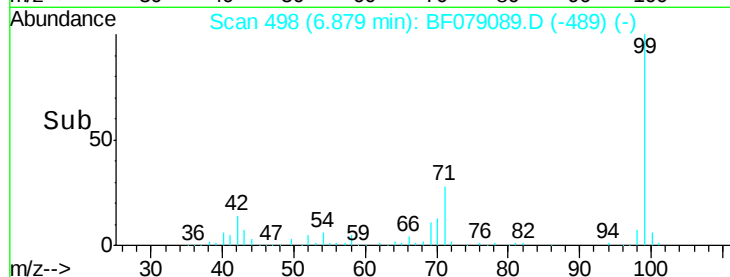
50000

0

6.88

6.80 6.85 6.90 6.95

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079089.D

Acq: 9 May 2015 19:28

Tgt Ion: 136 Resp: 364525

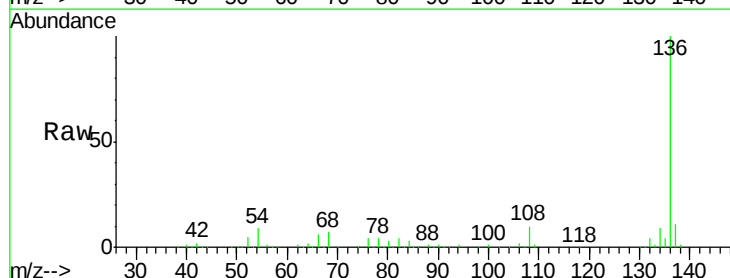
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.3 5.8 8.8#

68 7.0 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

500000

400000

300000

200000

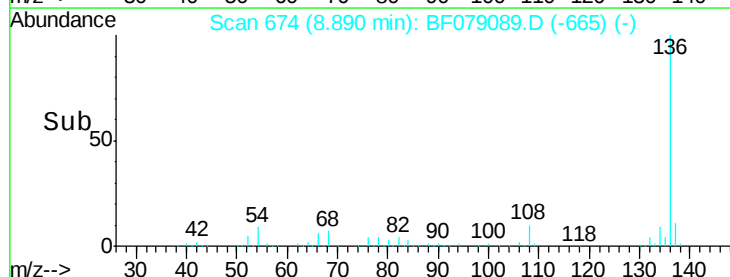
100000

0

8.89

8.85 8.90 8.95

Time-->

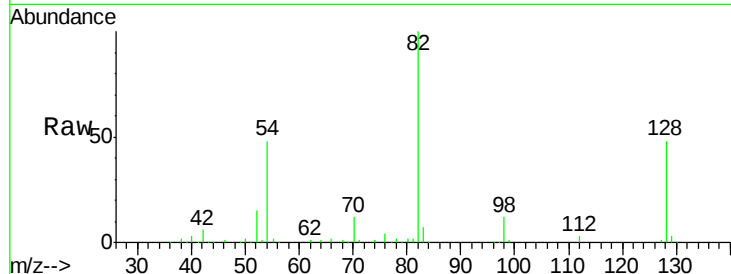




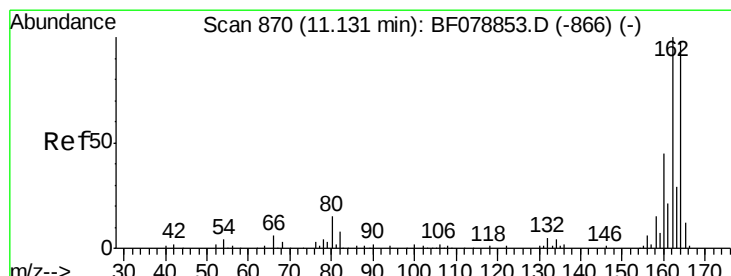
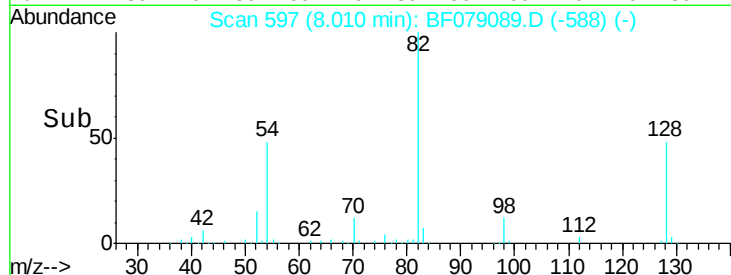
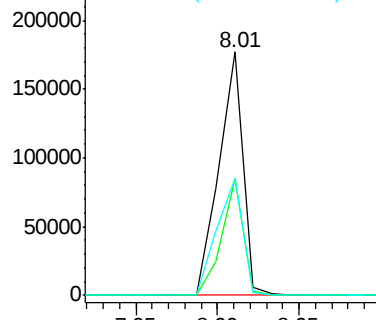
#23
 Nitrobenzene-d5
 Concen: 28.41 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5RE

Tgt Ion: 82 Resp: 180169
 Ion Ratio Lower Upper
 82 100
 128 48.2 30.0 45.0#
 54 47.9 46.4 69.6

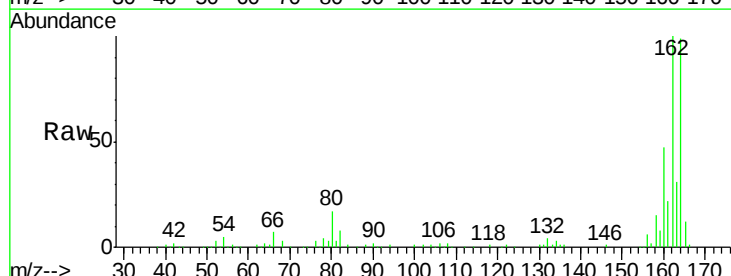


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

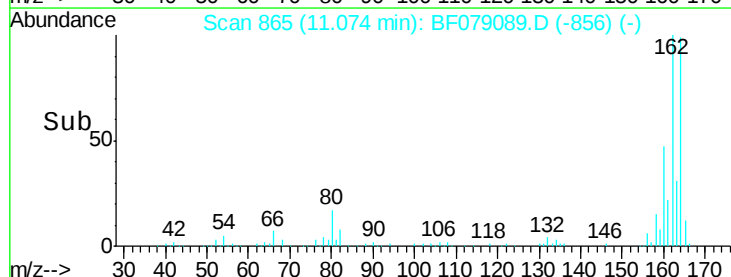
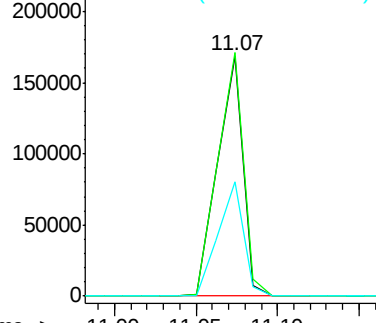


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

Tgt Ion: 164 Resp: 181594
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.7 124.1
 160 47.4 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

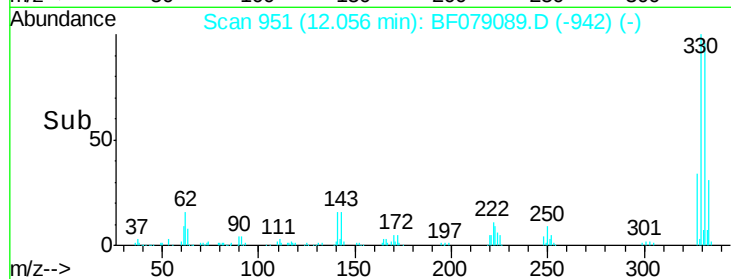
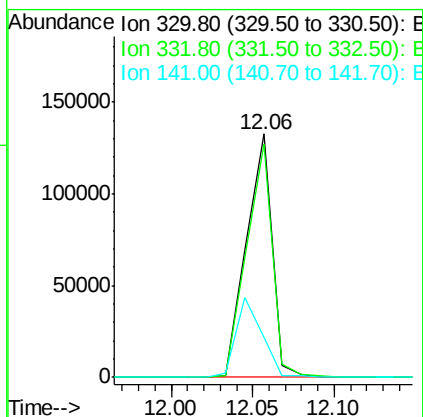
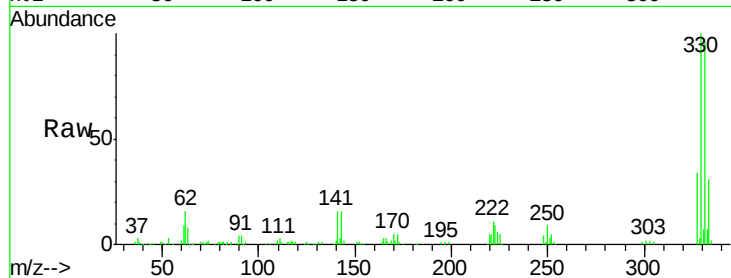




#41
 2,4,6-Tribromophenol
 Concen: 74.20 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

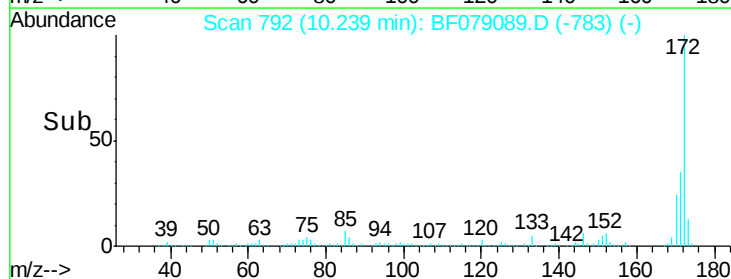
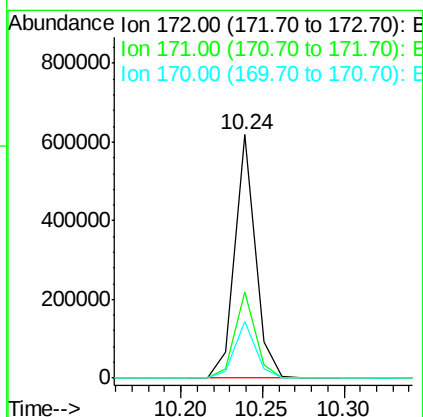
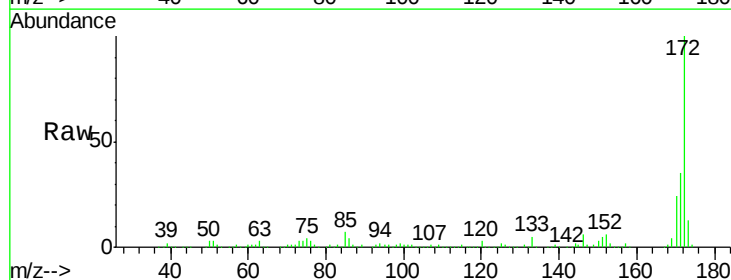
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5RE

Tgt Ion:330 Resp: 145774
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 32.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 41.26 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

Tgt Ion:172 Resp: 537795
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 23.5 19.4 29.0

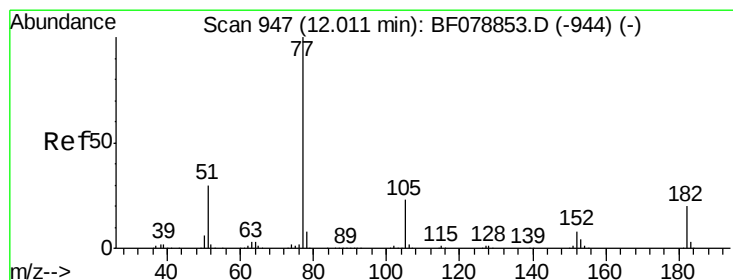
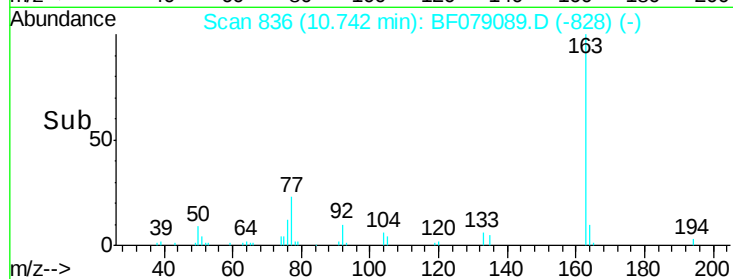
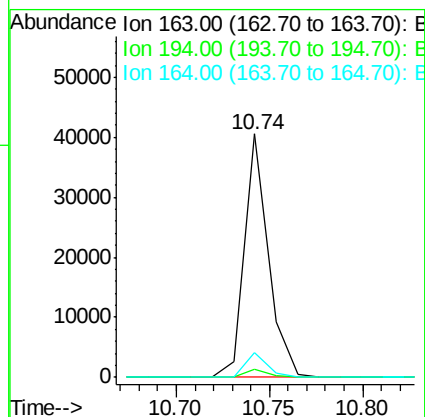
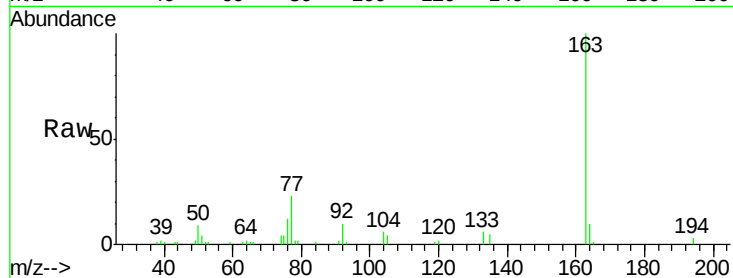




#49
Dimethylphthalate
Concen: 2.72 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079089.D
Acq: 9 May 2015 19:28

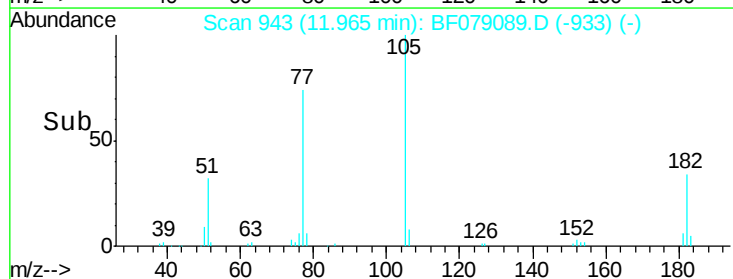
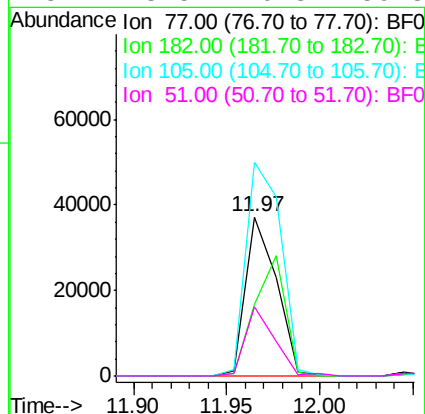
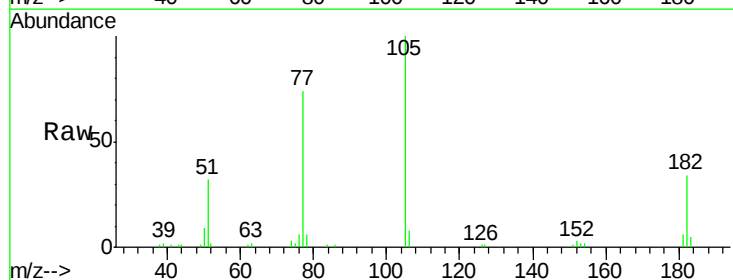
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-5RE

Tgt Ion:163 Resp: 36273
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.1 12.1



#62
Azobenzene
Concen: 3.30 ng
RT: 11.97 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF079089.D
Acq: 9 May 2015 19:28

Tgt Ion: 77 Resp: 42878
Ion Ratio Lower Upper
77 100
182 45.5 3.8 43.8#
105 134.4 3.9 43.9#
51 43.5 10.8 50.8

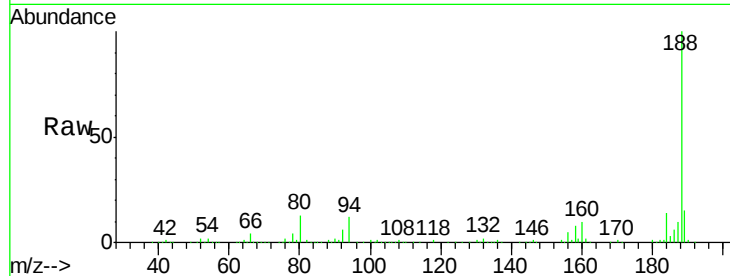




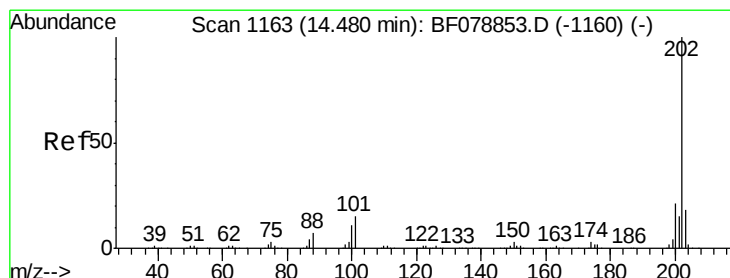
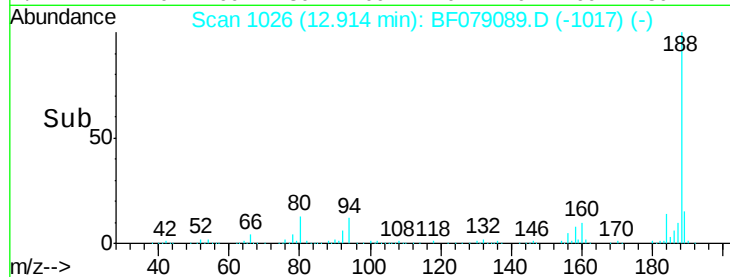
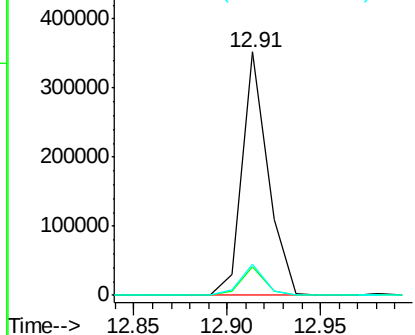
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079089.D
Acq: 9 May 2015 19:28

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-5RE

Tgt Ion:188 Resp: 340703
Ion Ratio Lower Upper
188 100
94 11.9 8.2 12.2
80 12.6 8.9 13.3

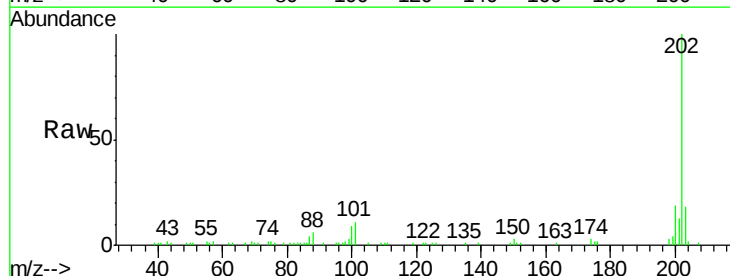


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

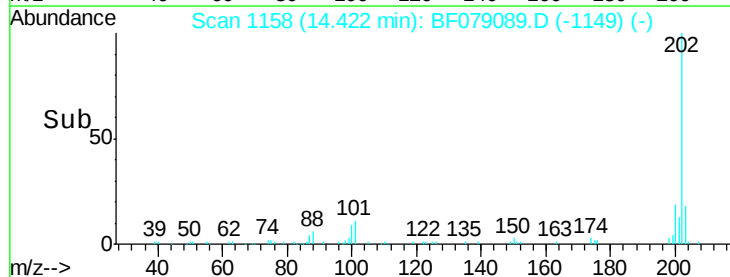
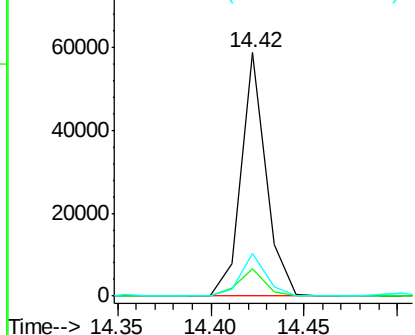


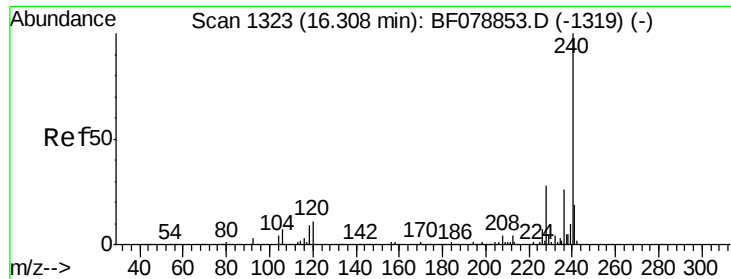
#74
Fluoranthene
Concen: 2.75 ng
RT: 14.42 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF079089.D
Acq: 9 May 2015 19:28

Tgt Ion:202 Resp: 54587
Ion Ratio Lower Upper
202 100
101 11.1 0.0 34.6
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.22 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF079089.D

Acq: 9 May 2015 19:28

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-5RE

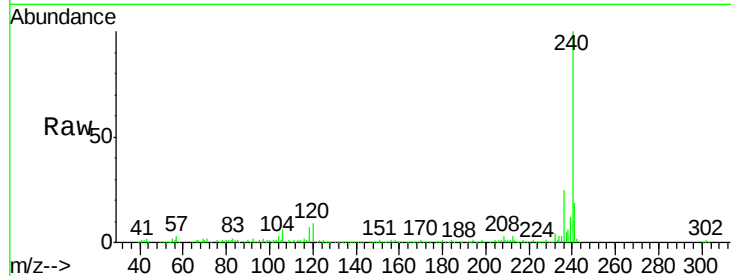
Tgt Ion:240 Resp: 323933

Ion Ratio Lower Upper

240 100

120 8.7 9.7 14.5#

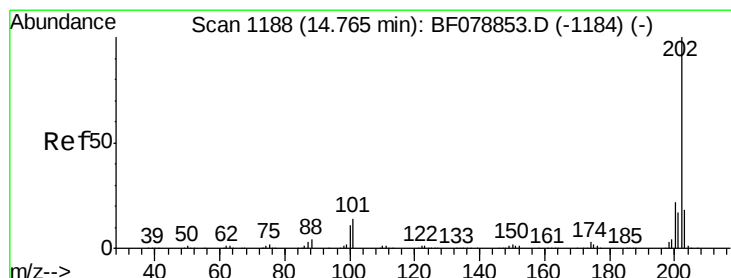
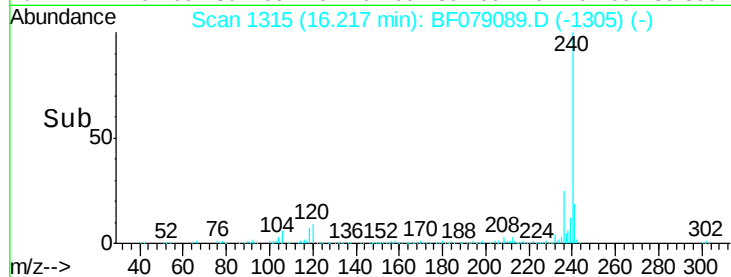
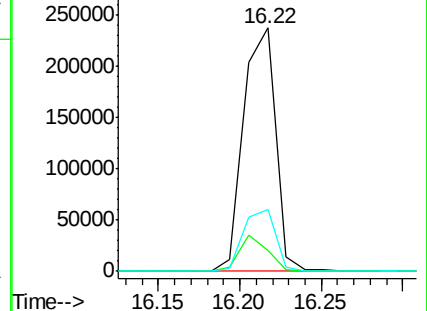
236 25.3 20.2 30.4



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: 2.63 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF079089.D

Acq: 9 May 2015 19:28

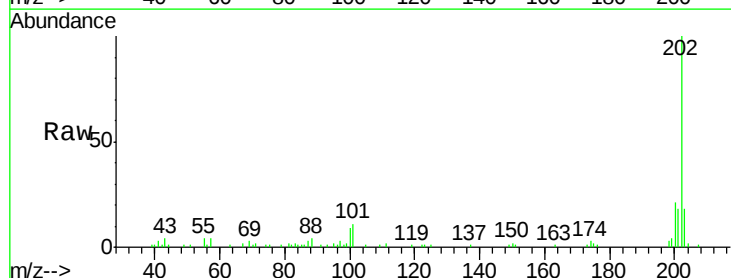
Tgt Ion:202 Resp: 49048

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

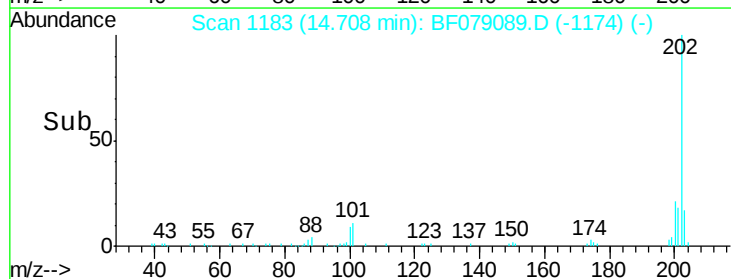
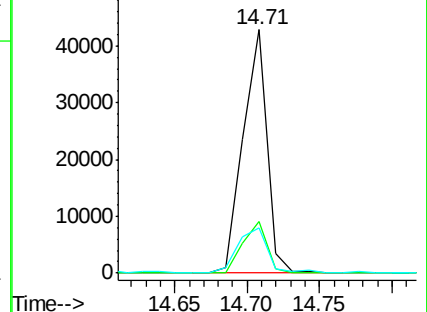
203 18.3 13.9 20.9

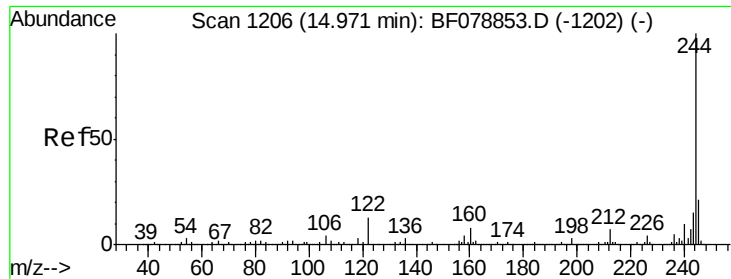


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

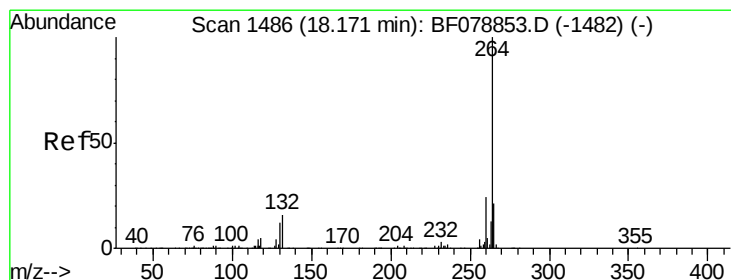
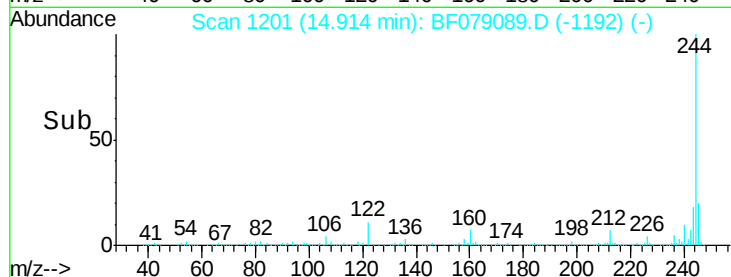
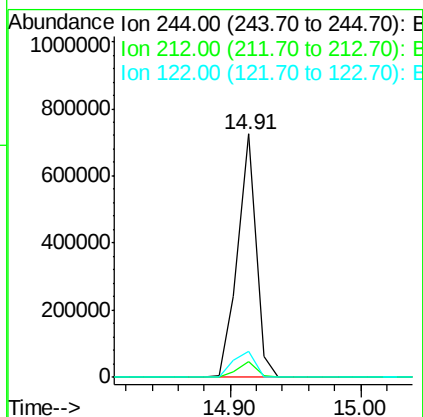
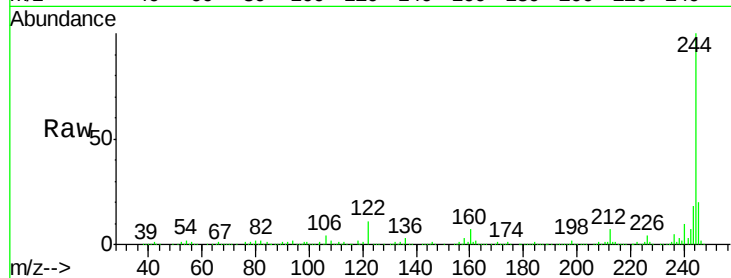




#78
 Terphenyl-d14
 Concen: 52.63 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

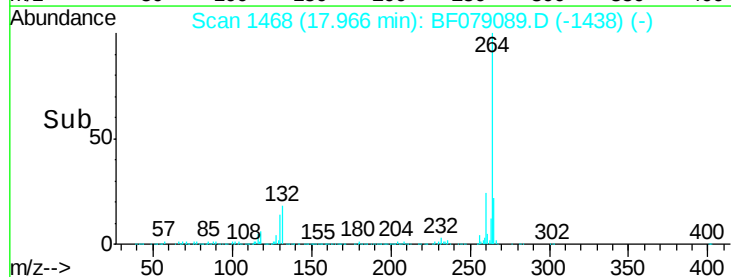
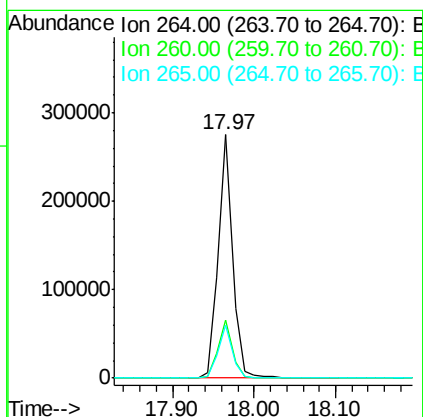
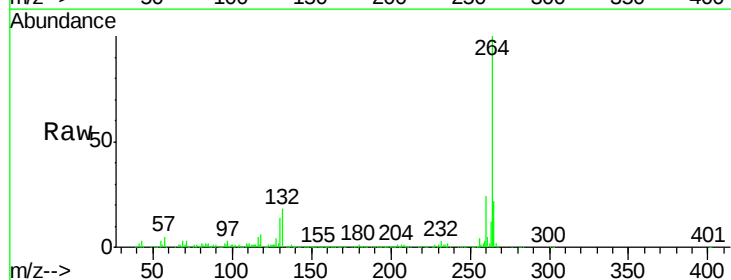
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5RE

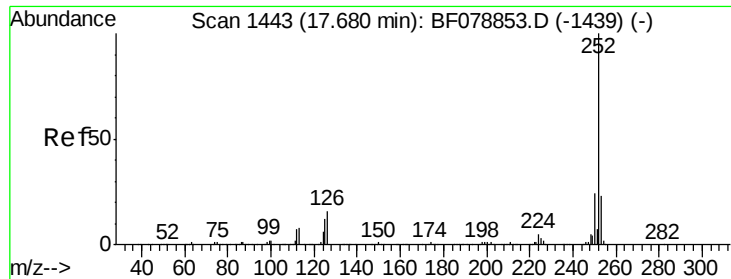
Tgt Ion: 244 Resp: 712098
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. 0.05 min
 Lab File: BF079089.D
 Acq: 9 May 2015 19:28

Tgt Ion: 264 Resp: 337597
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.6 18.3 27.5

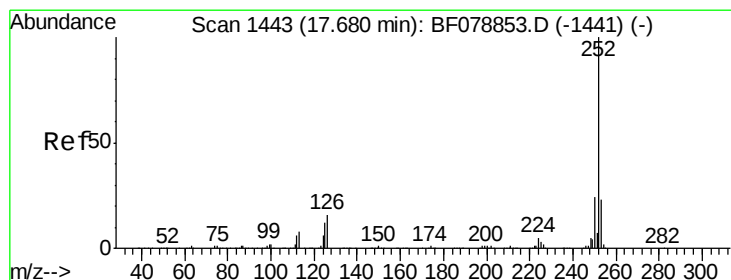
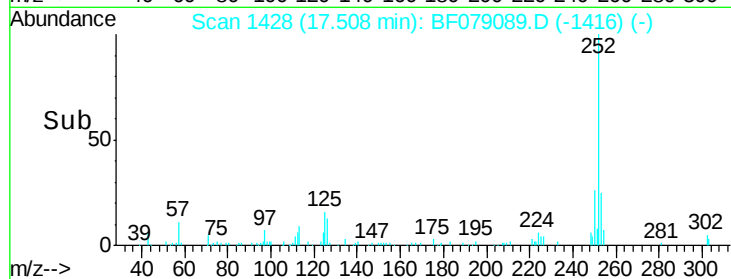
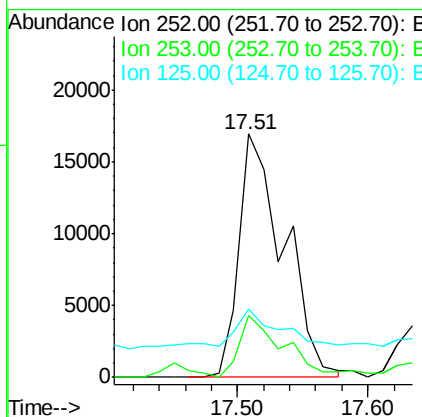
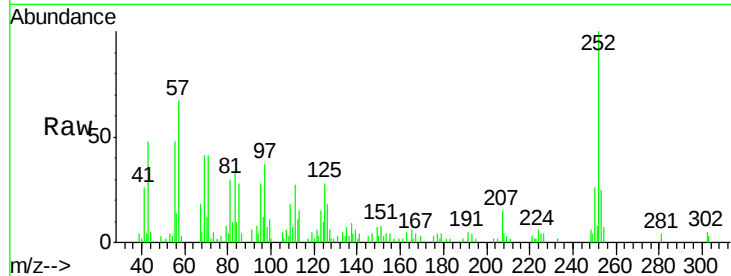




#87
Benzo(b)fluoranthene
Concen: 2.20 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF079089.D
Acq: 9 May 2015 19:28

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-5RE

Tgt Ion:252 Resp: 40740
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 28.0 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 2.30 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF079089.D
Acq: 9 May 2015 19:28

Tgt Ion:252 Resp: 41056
Ion Ratio Lower Upper
252 100
253 25.5 18.1 27.1
125 28.0 10.0 15.0#

