

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077100.D
 Acq On : 28 Jan 2015 14:02
 Operator : TP/IZ
 Sample : G1138-05DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275B3DL

Quant Time: Jan 28 16:29:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 16:07:35 2015
 Response via : Initial Calibration

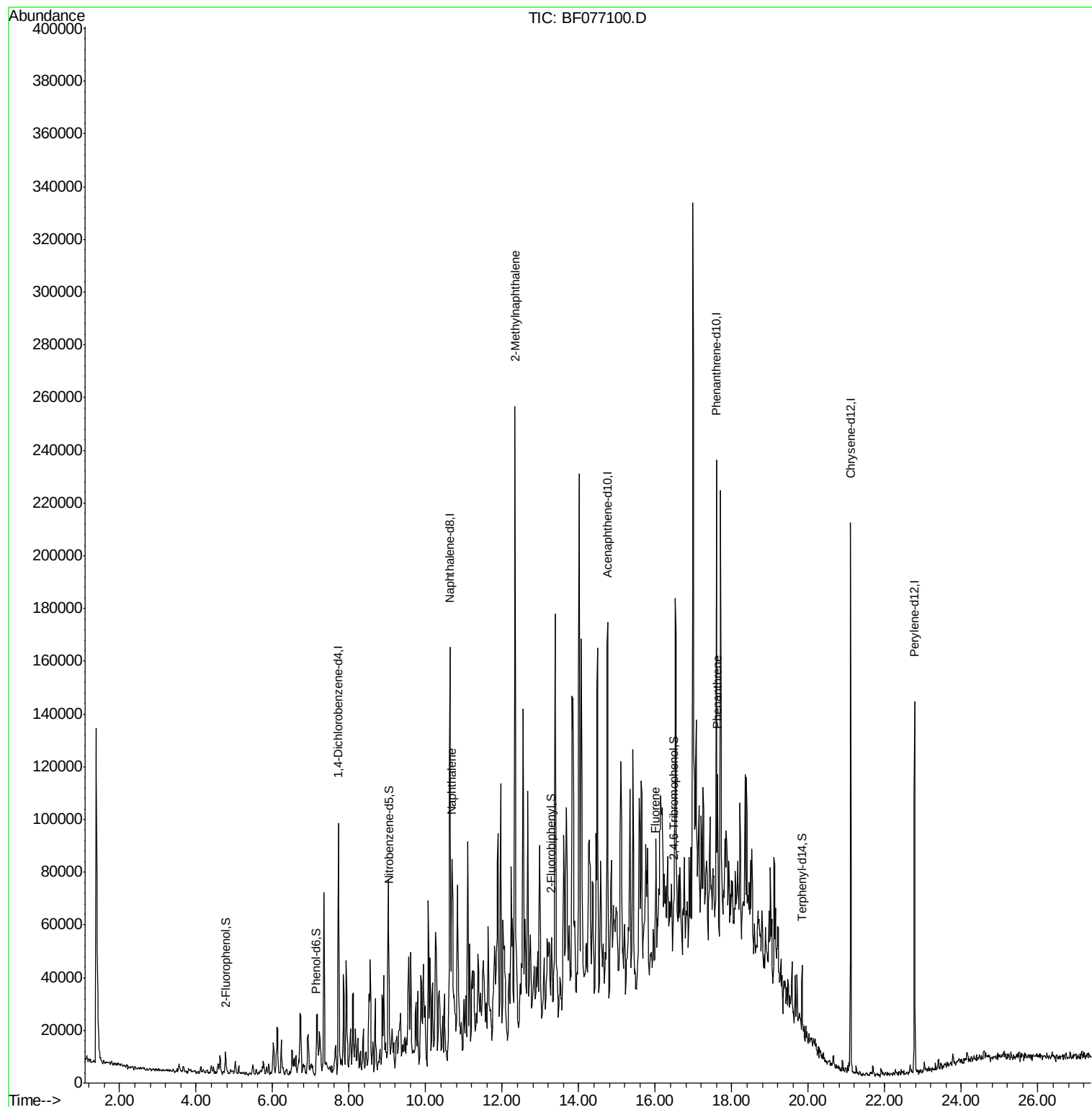
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	24122	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	103001	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	52515	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	85867	20.00	ng	-0.01
75) Chrysene-d12	21.10	240	86740	20.00	ng	-0.01
86) Perylene-d12	22.78	264	76961	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	5529	3.77	ng	0.02
7) Phenol-d6	7.14	99	7488	4.05	ng	0.00
23) Nitrobenzene-d5	9.03	82	6321	3.40	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	1426	3.35	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	10229	2.96	ng	-0.01
78) Terphenyl-d14	19.84	244	9883	2.62	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.68	128	42823	8.08	ng	98
37) 2-Methylnaphthalene	12.33	142	97278	26.86	ng	98
57) Fluorene	16.00	166	8831	2.33	ng	# 90
70) Phenanthrene	17.63	178	27825	5.20	ng	# 92

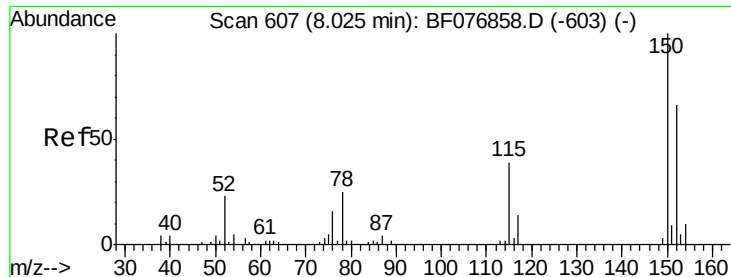
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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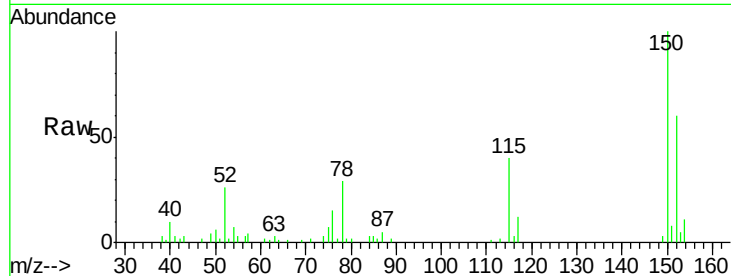




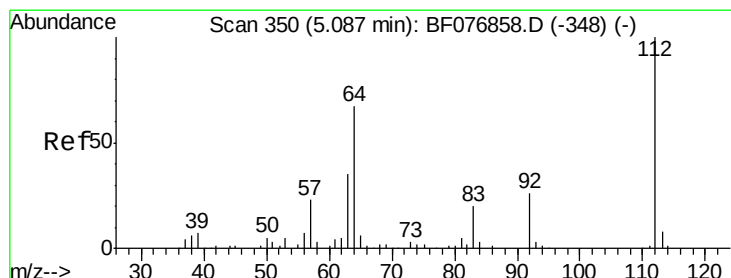
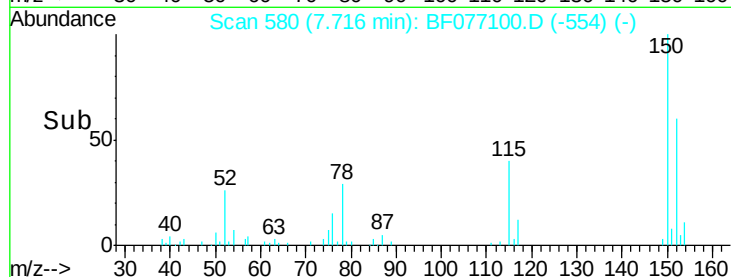
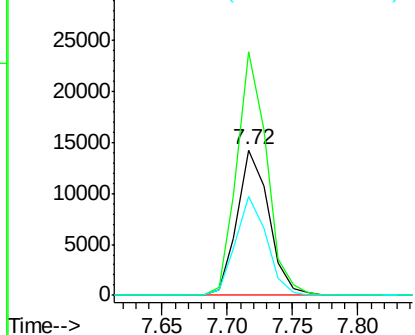
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 275B3DL

Tgt Ion:152 Resp: 24122
 Ion Ratio Lower Upper
 152 100
 150 167.3 121.7 182.5
 115 67.7 47.0 70.6

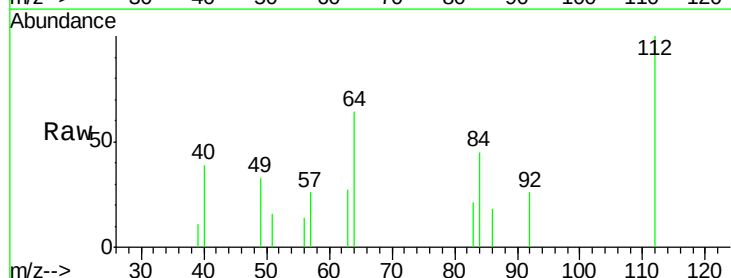


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

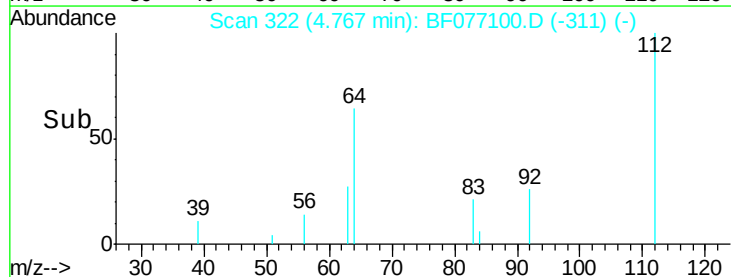
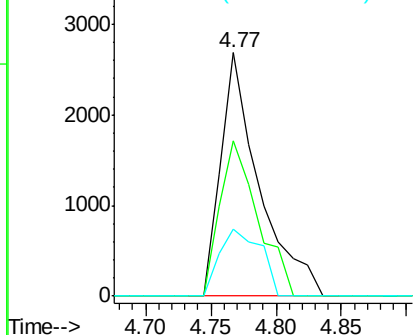


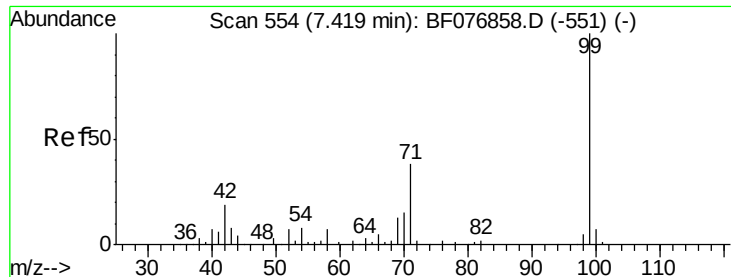
#5
 2-Fluorophenol
 Concen: 3.77 ng
 RT: 4.77 min Scan# 322
 Delta R.T. 0.02 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Tgt Ion:112 Resp: 5529
 Ion Ratio Lower Upper
 112 100
 64 63.5 54.2 81.4
 63 27.4 28.4 42.6#



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: 4.05 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077100.D

Acq: 28 Jan 2015 14:02

Instrument :

BNA_F

ClientSampleId :

275B3DL

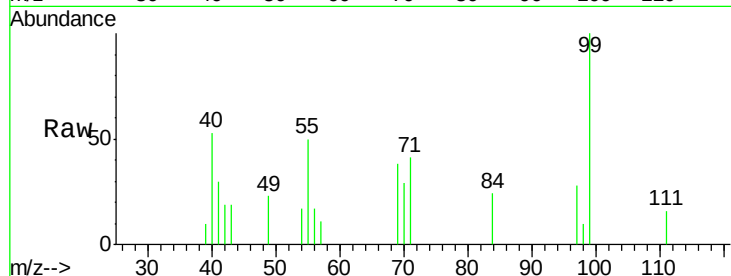
Tgt Ion: 99 Resp: 7488

Ion Ratio Lower Upper

99 100

42 19.2 15.0 22.4

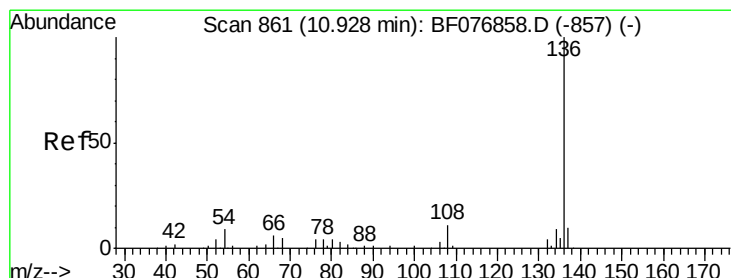
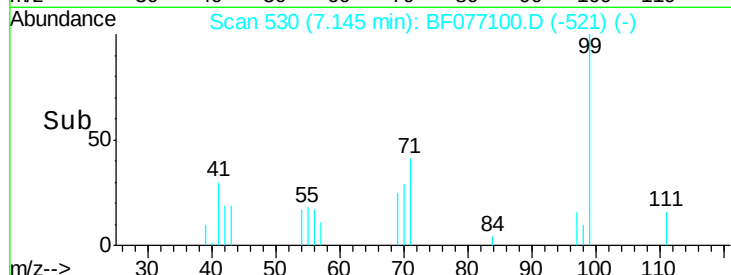
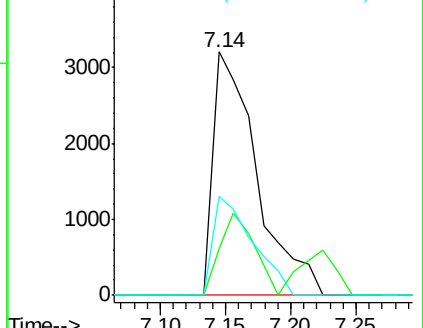
71 40.9 30.5 45.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF077100.D

Acq: 28 Jan 2015 14:02

Tgt Ion: 136 Resp: 103001

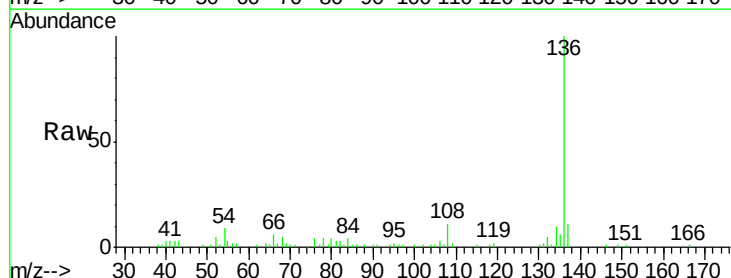
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 8.9 7.0 10.4

68 4.8 3.7 5.5

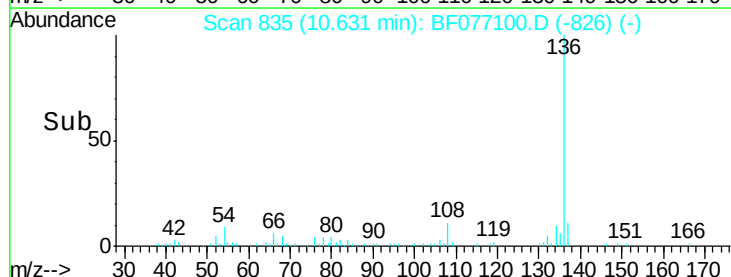
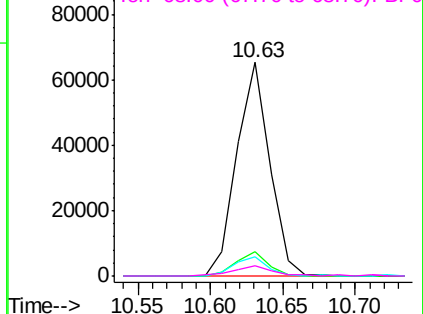


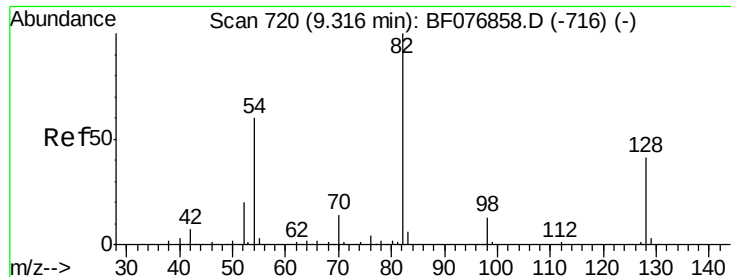
Abundance Ion 136.00 (135.70 to 136.70): E

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

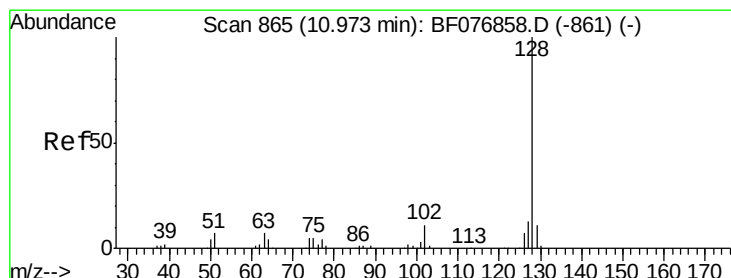
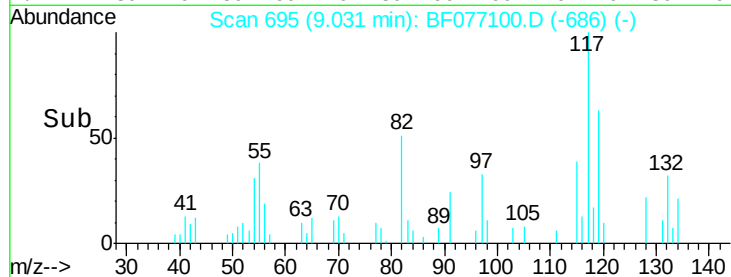
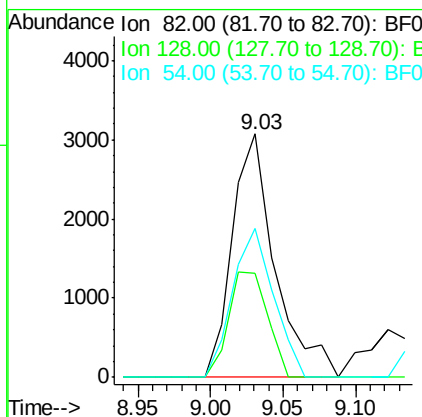
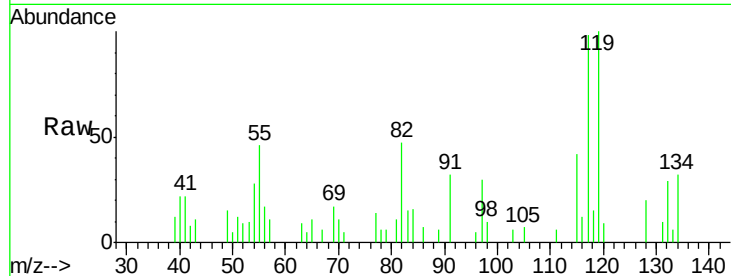




#23
 Nitrobenzene-d5
 Concen: 3.40 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

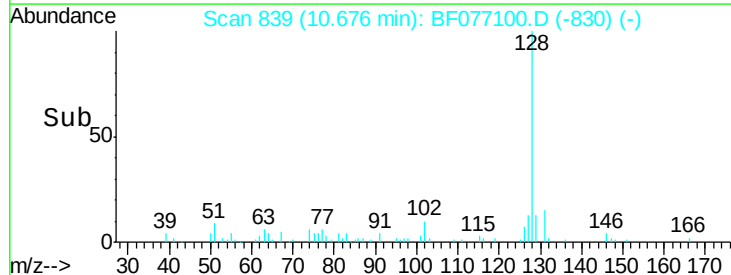
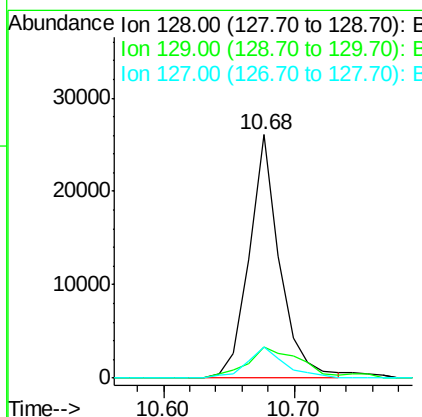
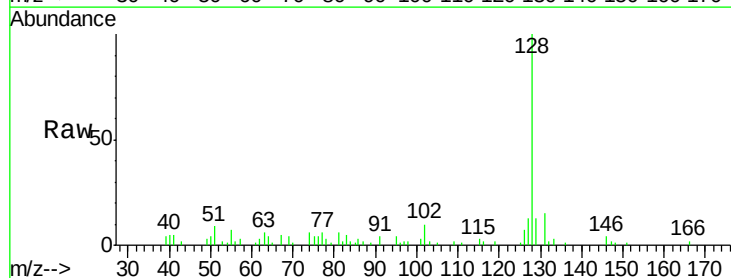
Instrument :
 BNA_F
 ClientSampleId :
 275B3DL

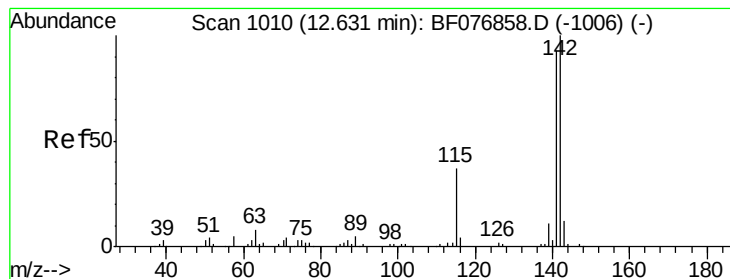
Tgt Ion: 82 Resp: 6321
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.1 49.7
 54 61.0 48.3 72.5



#31
 Naphthalene
 Concen: 8.08 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Tgt Ion: 128 Resp: 42823
 Ion Ratio Lower Upper
 128 100
 129 12.9 9.0 13.6
 127 12.6 10.2 15.2





#37

2-Methylnaphthalene

Concen: 26.86 ng

RT: 12.33 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF077100.D

Acq: 28 Jan 2015 14:02

Instrument :

BNA_F

ClientSampleId :

275B3DL

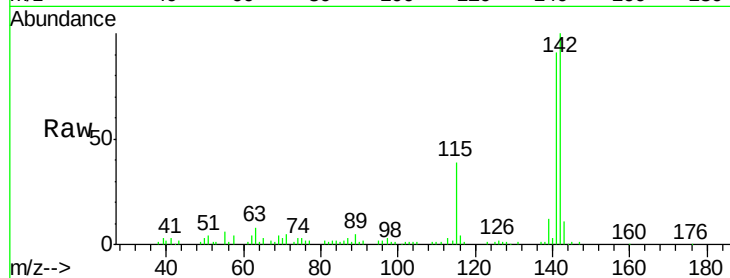
Tgt Ion:142 Resp: 97278

Ion Ratio Lower Upper

142 100

141 91.0 74.5 111.7

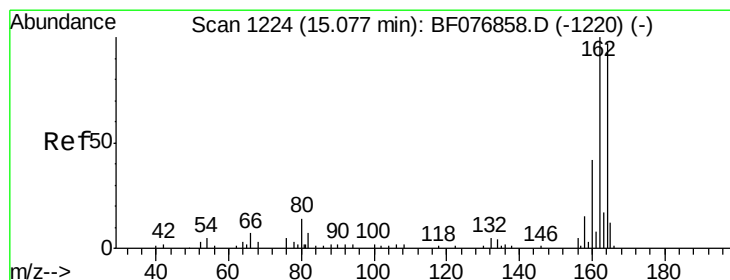
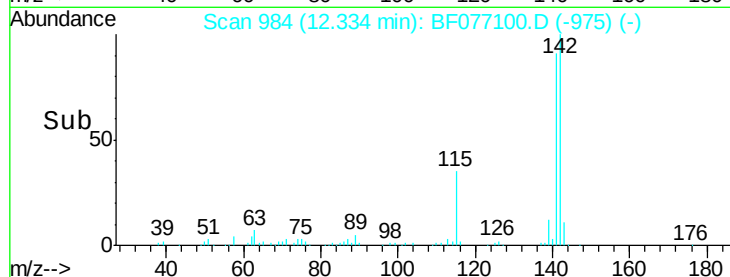
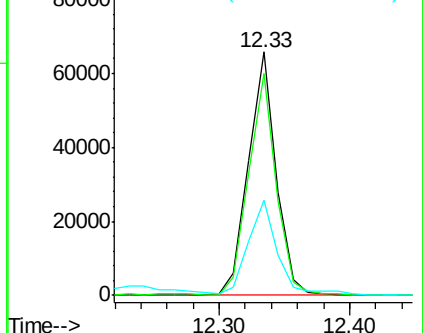
115 39.0 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF077100.D

Acq: 28 Jan 2015 14:02

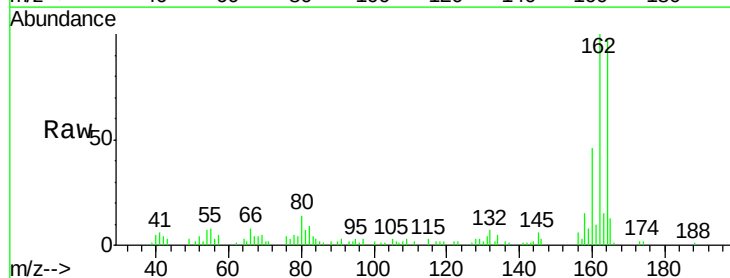
Tgt Ion:164 Resp: 52515

Ion Ratio Lower Upper

164 100

162 102.6 82.4 123.6

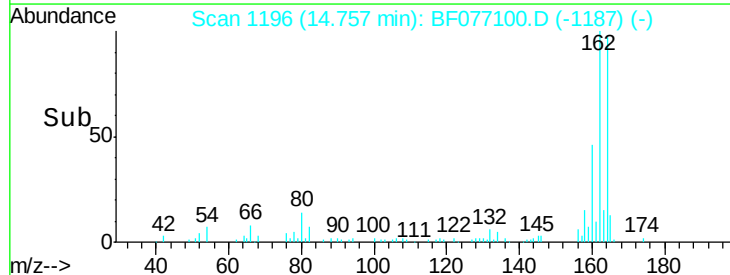
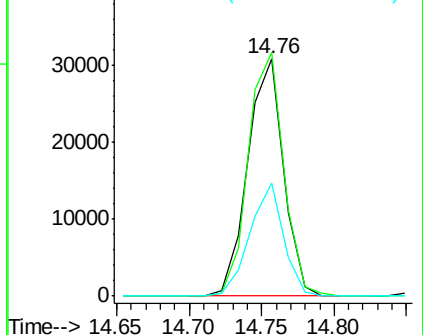
160 47.5 34.8 52.2

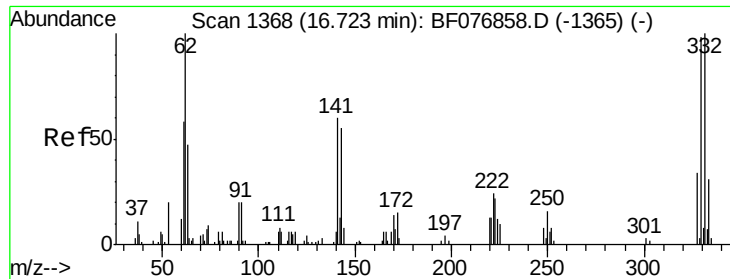


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

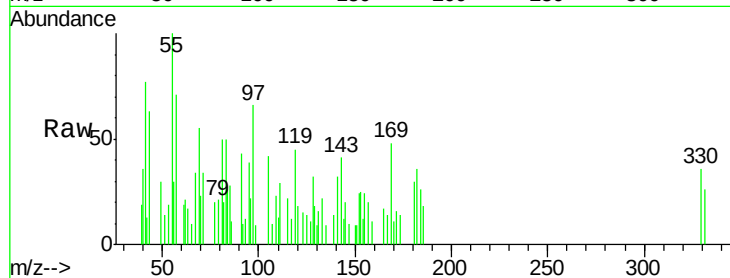




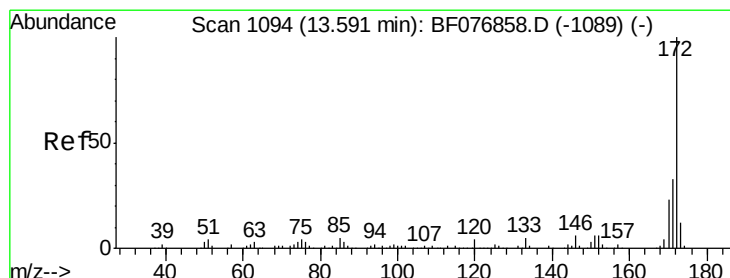
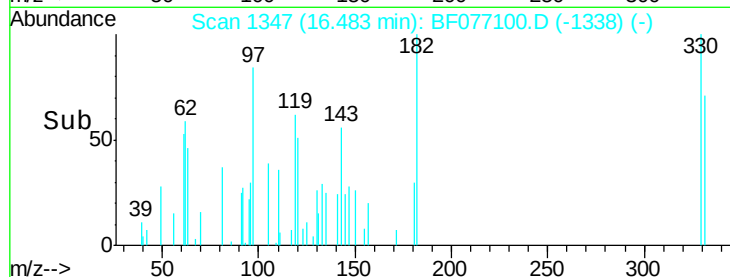
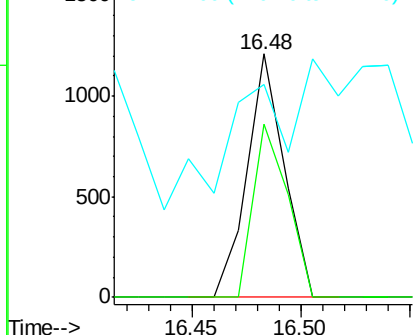
#41
 2,4,6-Tribromophenol
 Concen: 3.35 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Instrument :
 BNA_F
 ClientSampled :
 275B3DL

Tgt Ion: 330 Resp: 1426
 Ion Ratio Lower Upper
 330 100
 332 66.1 77.8 116.6#
 141 84.7 38.5 57.7#

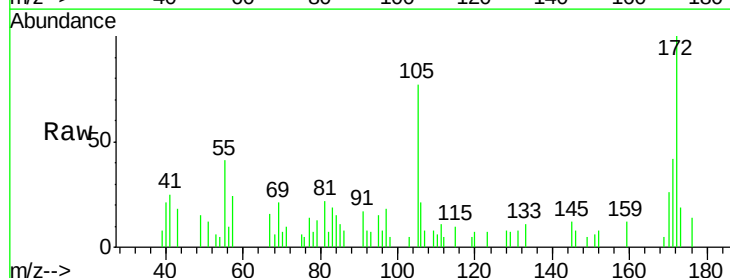


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

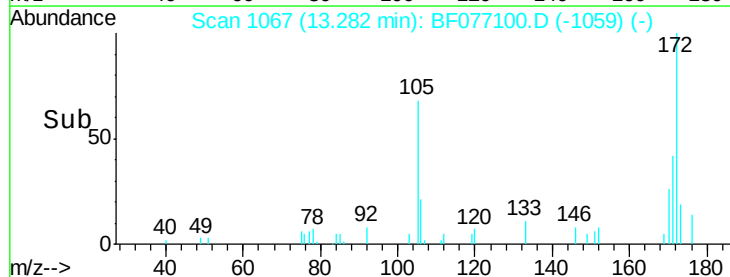
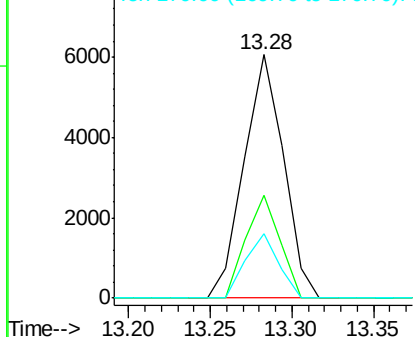


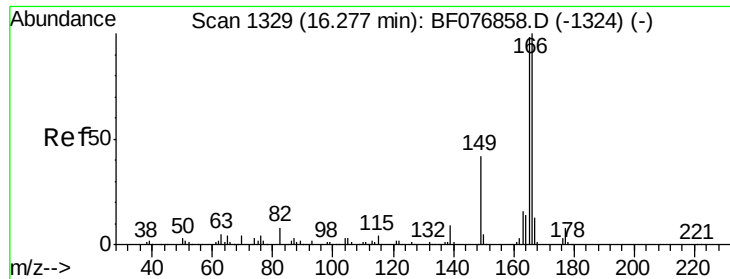
#44
 2-Fluorobiphenyl
 Concen: 2.96 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Tgt Ion: 172 Resp: 10229
 Ion Ratio Lower Upper
 172 100
 171 42.1 26.6 40.0#
 170 26.3 18.0 27.0



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

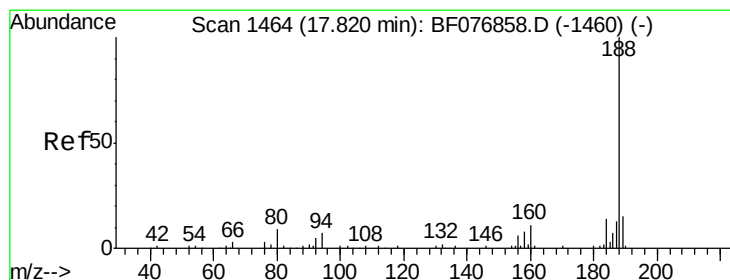
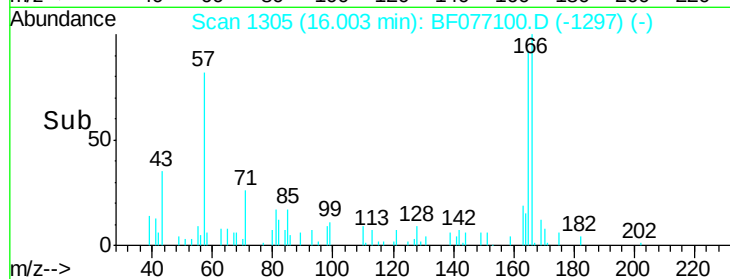
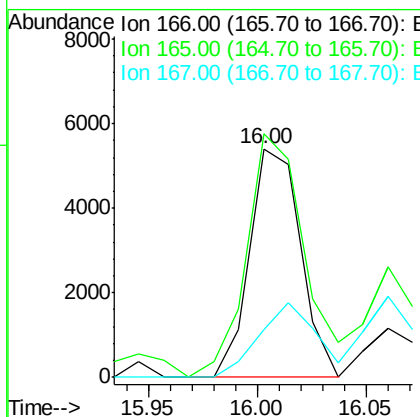
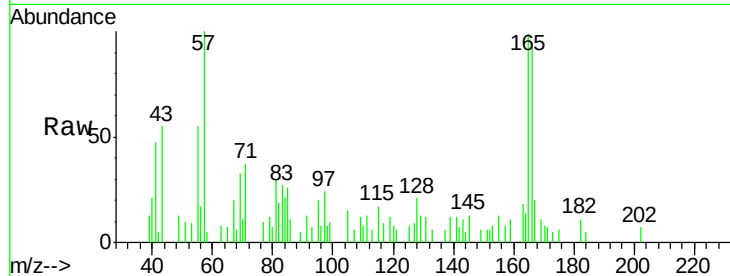




#57
 Fluorene
 Concen: 2.33 ng
 RT: 16.00 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

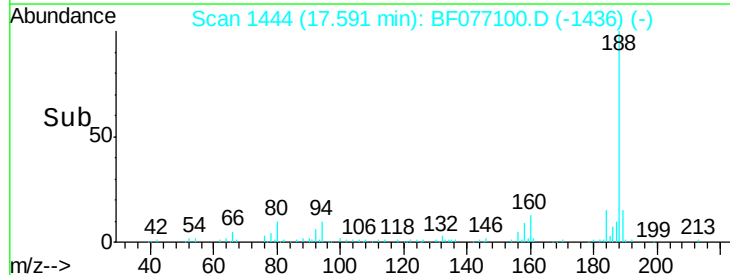
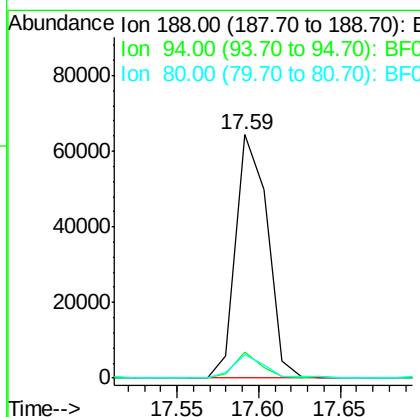
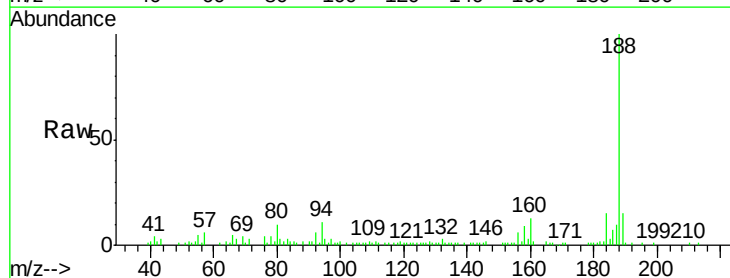
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 ClientSampleId :
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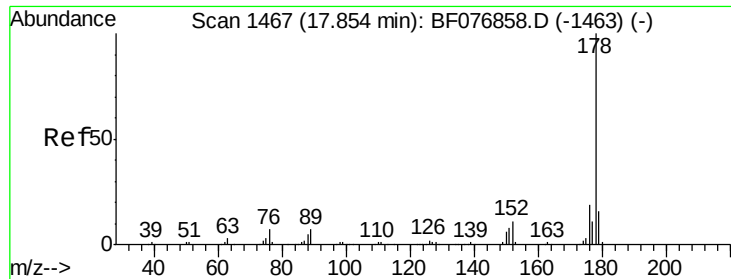
Tgt Ion:166 Resp: 8831
 Ion Ratio Lower Upper
 166 100
 165 106.4 78.5 117.7
 167 21.1 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Tgt Ion:188 Resp: 85867
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.0 9.0#
 80 9.9 6.9 10.3

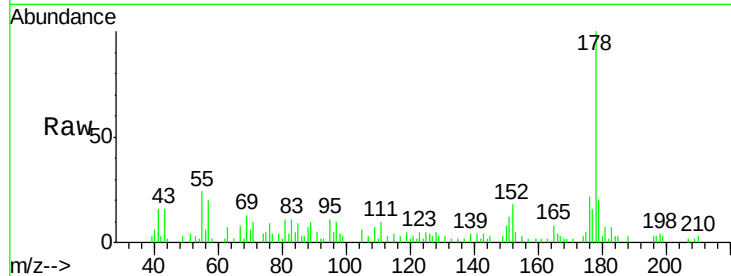




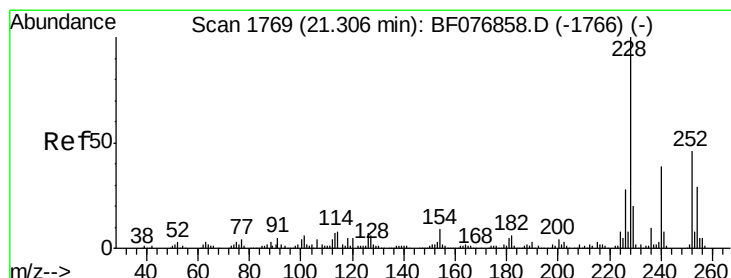
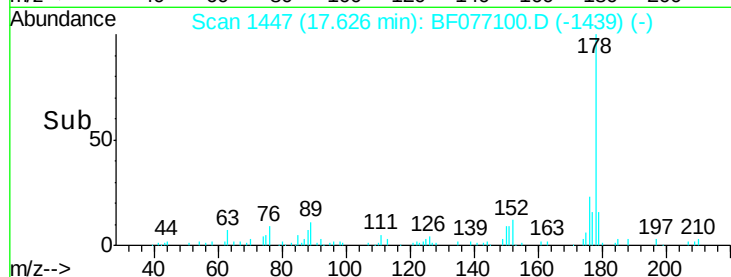
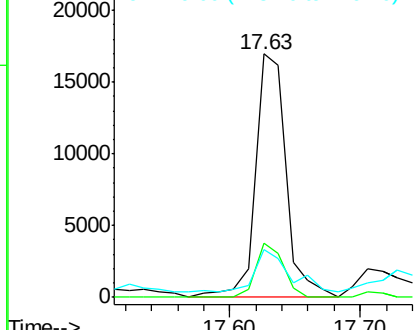
#70
Phenanthrene
Concen: 5.20 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077100.D
Acq: 28 Jan 2015 14:02

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:178 Resp: 27825
Ion Ratio Lower Upper
178 100
176 22.2 15.1 22.7
179 19.5 12.7 19.1#

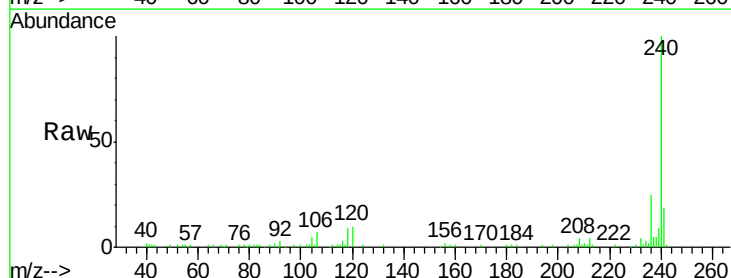


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

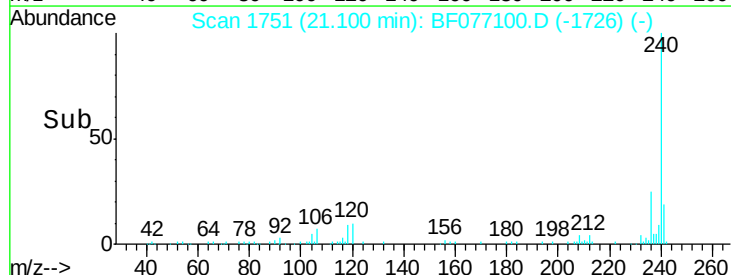
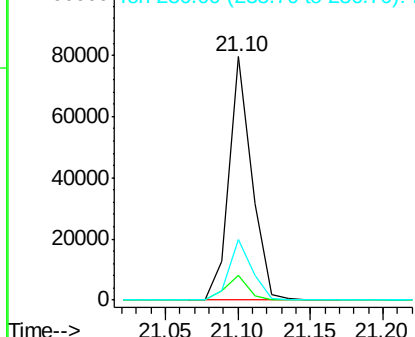


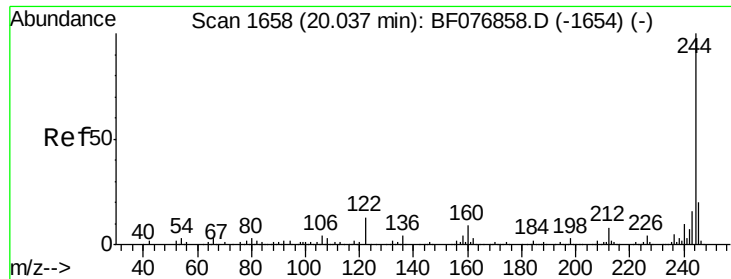
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF077100.D
Acq: 28 Jan 2015 14:02

Tgt Ion:240 Resp: 86740
Ion Ratio Lower Upper
240 100
120 10.0 10.4 15.6#
236 25.0 20.2 30.2



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

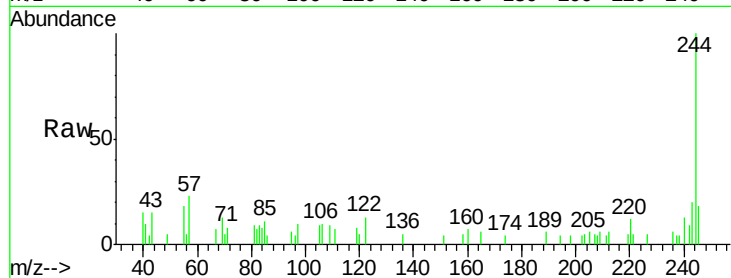




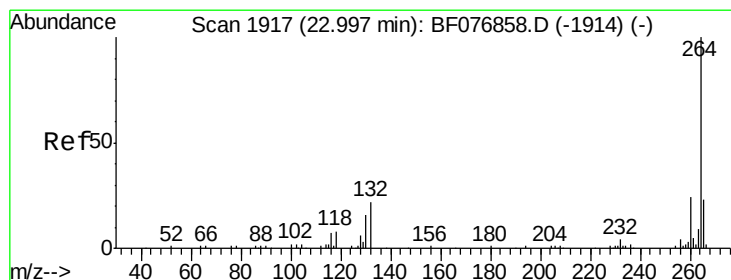
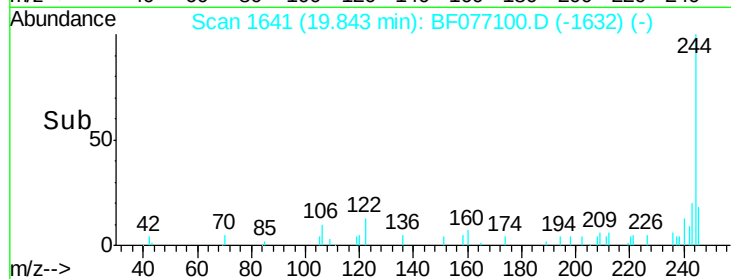
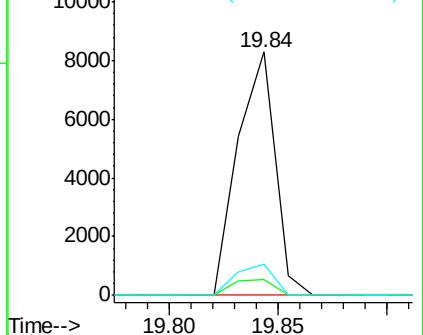
#78
 Terphenyl-d14
 Concen: 2.62 ng
 RT: 19.84 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Instrument :
 BNA_F
 ClientSampled :
 275B3DL

Tgt Ion:244 Resp: 9883
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.3 9.5
 122 12.6 10.1 15.1

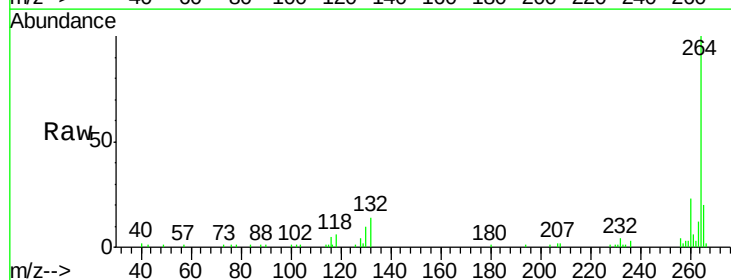


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.03 min
 Lab File: BF077100.D
 Acq: 28 Jan 2015 14:02

Tgt Ion:264 Resp: 76961
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 19.6 18.1 27.1



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

