

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020915\
 Data File : BF077223.D
 Acq On : 9 Feb 2015 14:20
 Operator : TP/IZ
 Sample : G1252-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-ALMASI-05

Quant Time: Feb 09 15:51:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 09 15:41:22 2015
 Response via : Initial Calibration

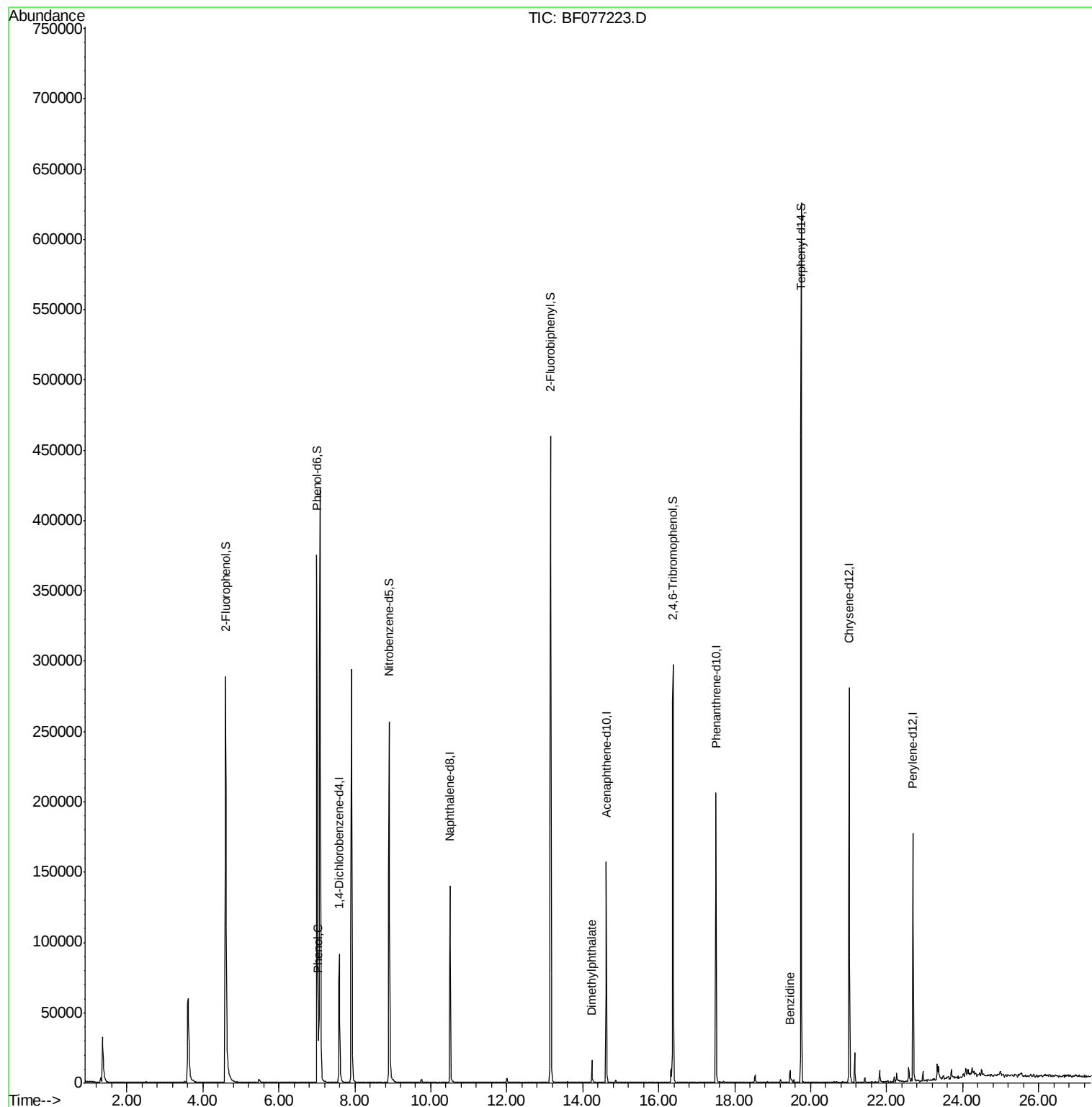
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	28793	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	117230	20.00	ng	-0.01
38) Acenaphthene-d10	14.61	164	64306	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	111196	20.00	ng	0.00
75) Chrysene-d12	21.01	240	105591	20.00	ng	0.00
86) Perylene-d12	22.69	264	94071	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.59	112	184380	105.29	ng	-0.01
7) Phenol-d6	7.00	99	234361	106.08	ng	-0.01
23) Nitrobenzene-d5	8.90	82	139779	66.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	49958	95.71	ng	0.00
44) 2-Fluorobiphenyl	13.15	172	265424	62.81	ng	-0.01
78) Terphenyl-d14	19.76	244	271244	59.14	ng	0.00
Target Compounds						
10) Phenol	7.04	94	5736	2.45	ng	# 62
49) Dimethylphthalate	14.24	163	15110	3.31	ng	# 96
76) Benzidine	19.46	184	10055	2.98	ng	98

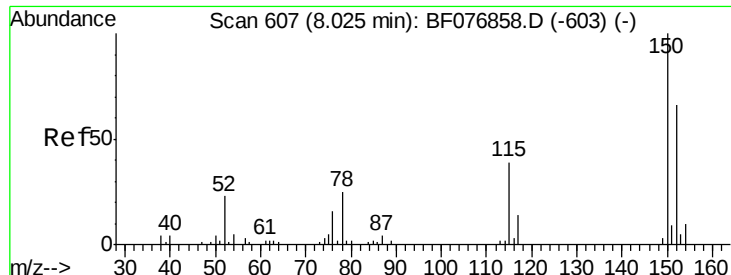
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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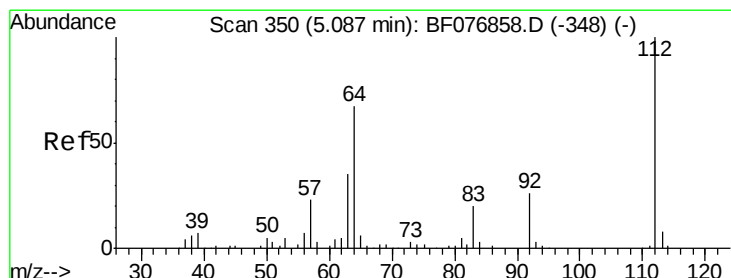
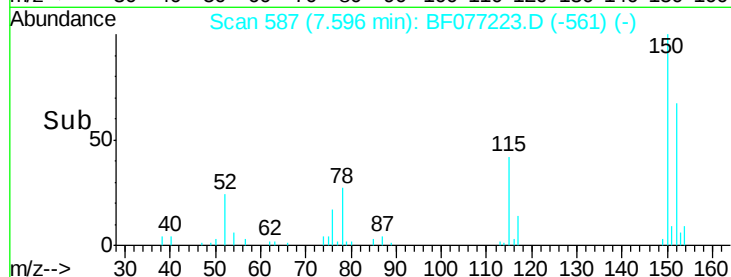
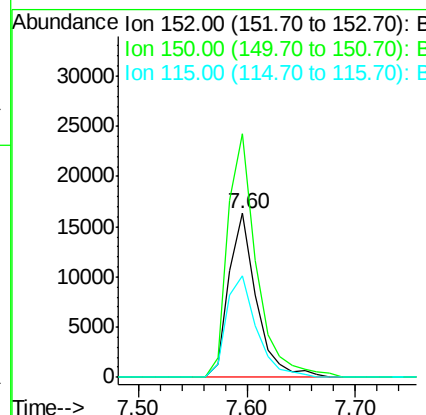
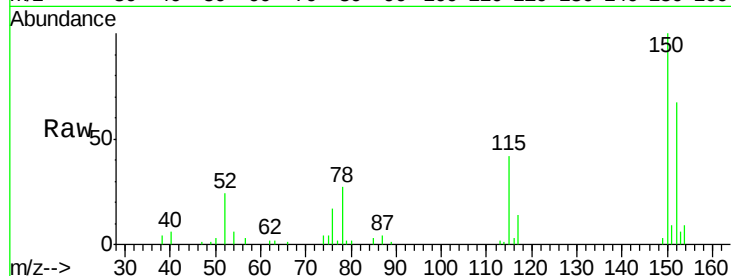




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.60 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077223.D
 Acq: 9 Feb 2015 14:20

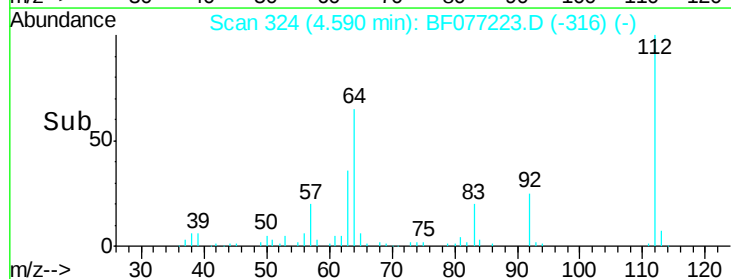
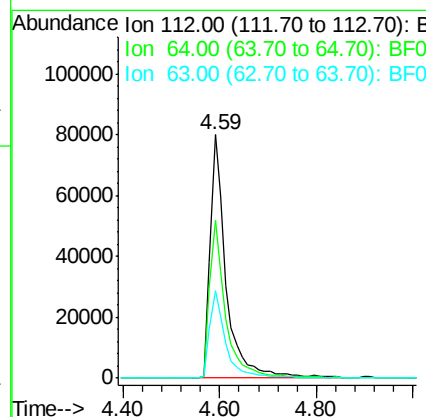
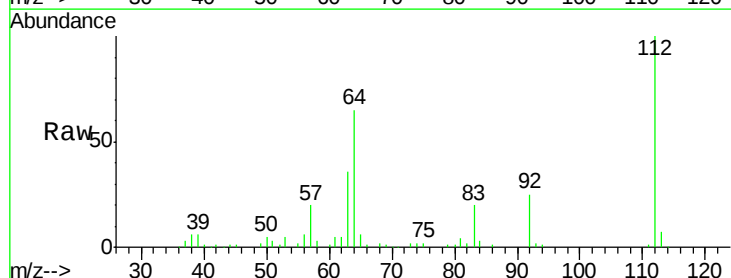
Instrument :
 BNA_F
 ClientSampleId :
 CF-ALMASI-05

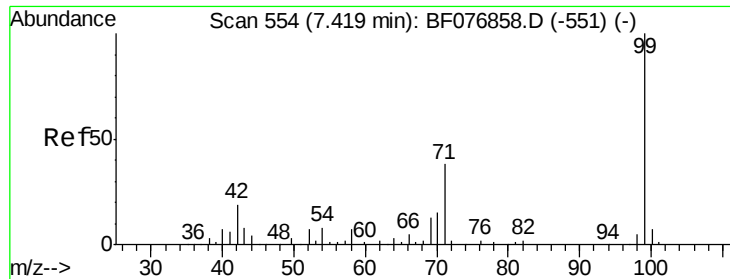
Tgt Ion:152 Resp: 28793
 Ion Ratio Lower Upper
 152 100
 150 148.5 121.7 182.5
 115 62.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 105.29 ng
 RT: 4.59 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: BF077223.D
 Acq: 9 Feb 2015 14:20

Tgt Ion:112 Resp: 184380
 Ion Ratio Lower Upper
 112 100
 64 64.8 54.2 81.4
 63 36.1 28.4 42.6





#7

Phenol-d6

Concen: 106.08 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF077223.D

Acq: 9 Feb 2015 14:20

Instrument :

BNA_F

ClientSampleId :

CF-ALMASI-05

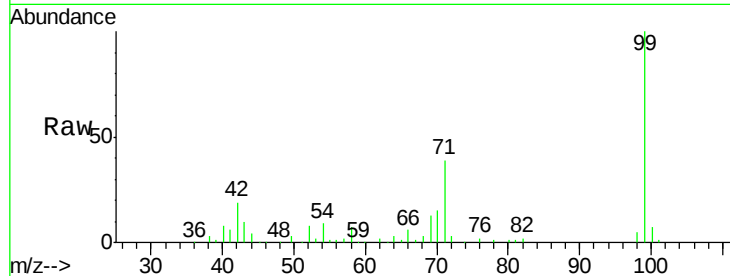
Tgt Ion: 99 Resp: 234361

Ion Ratio Lower Upper

99 100

42 19.2 15.0 22.4

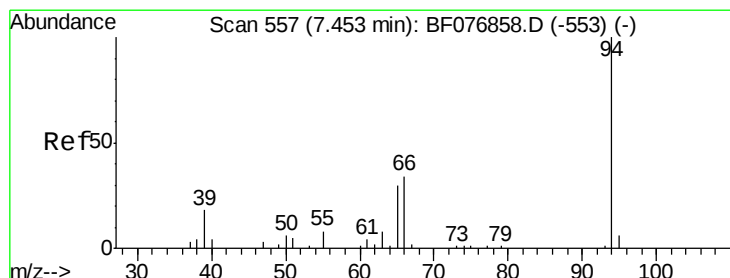
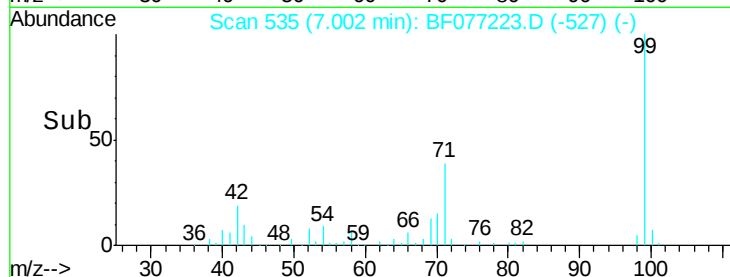
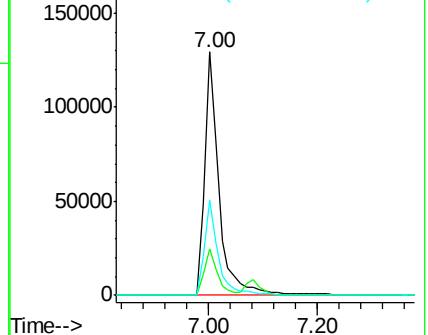
71 39.0 30.5 45.7



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



#10

Phenol

Concen: 2.45 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077223.D

Acq: 9 Feb 2015 14:20

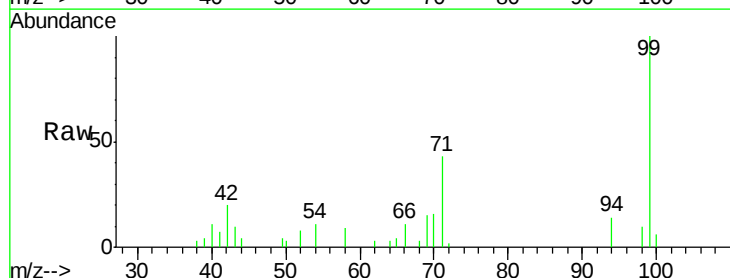
Tgt Ion: 94 Resp: 5736

Ion Ratio Lower Upper

94 100

65 30.1 11.3 51.3

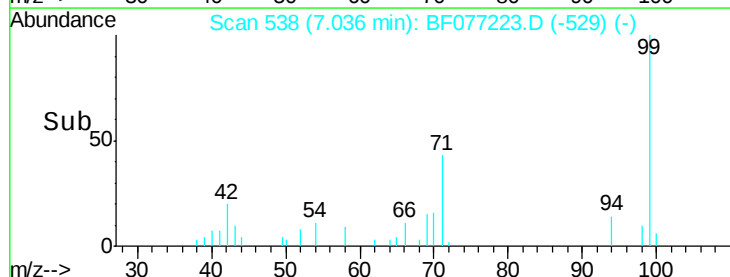
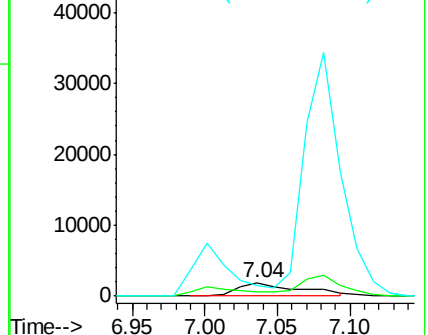
66 80.1 19.5 59.5#

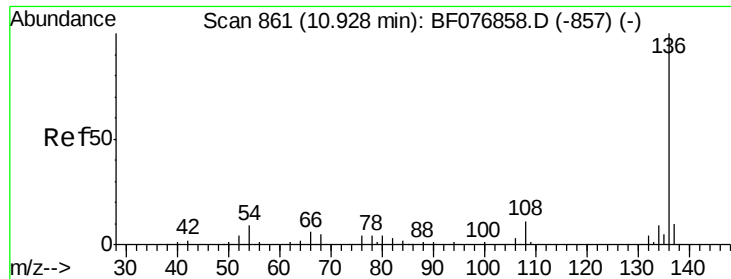


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

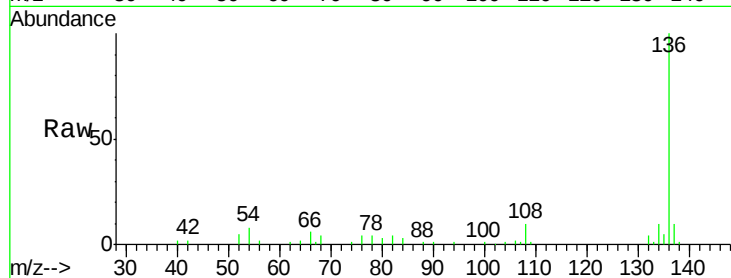




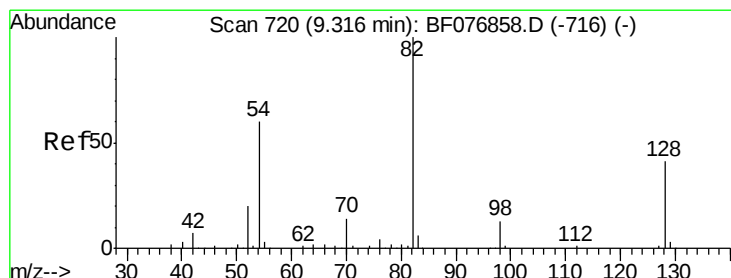
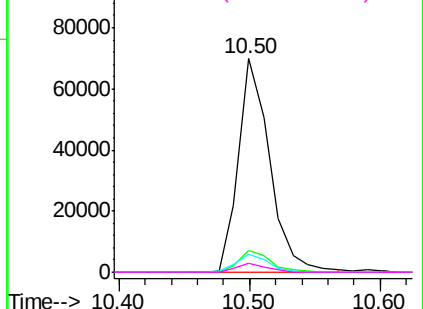
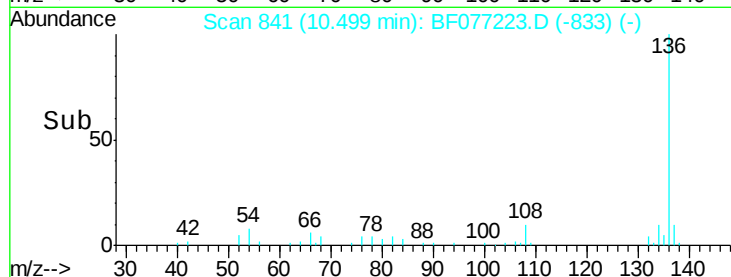
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Instrument :
BNA_F
ClientSampleId :
CF-ALMASI-05

Tgt Ion: 136 Resp: 117230
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 8.1 7.0 10.4
68 4.2 3.7 5.5

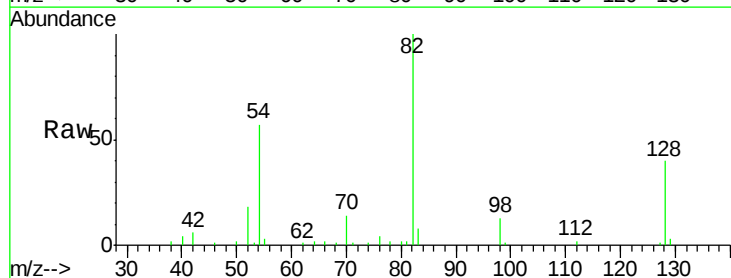


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

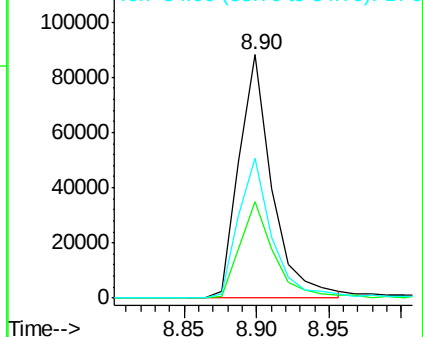
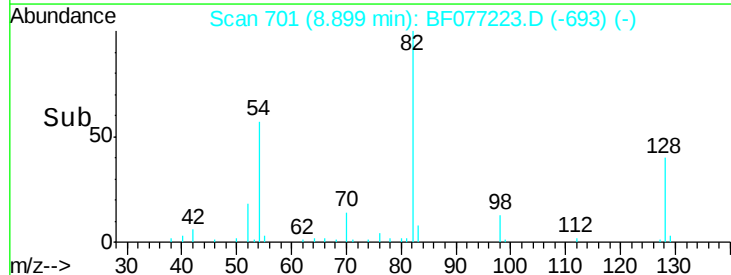


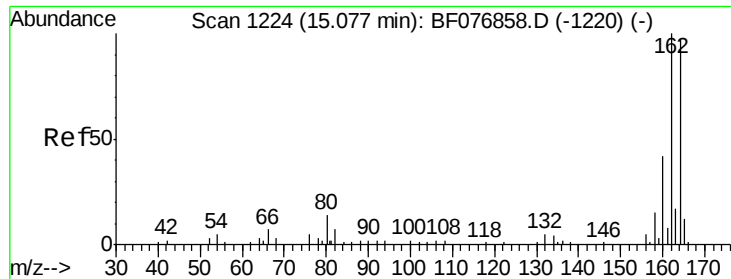
#23
Nitrobenzene-d5
Concen: 66.06 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Tgt Ion: 82 Resp: 139779
Ion Ratio Lower Upper
82 100
128 39.8 33.1 49.7
54 57.4 48.3 72.5



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

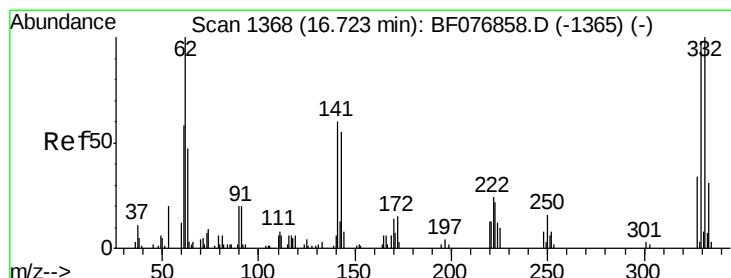
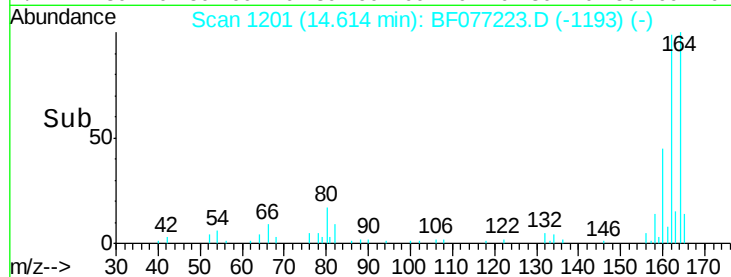
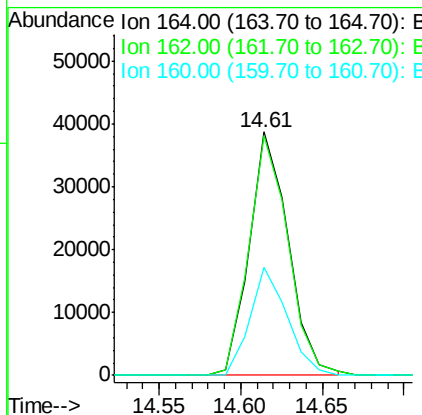
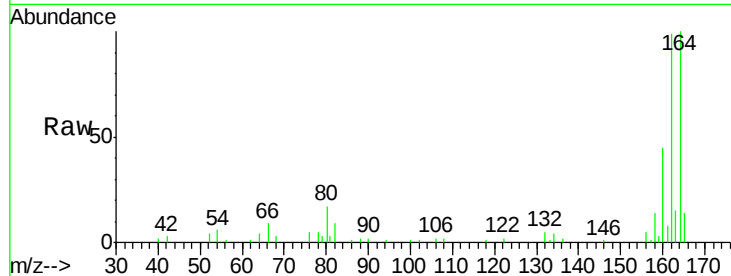




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF077223.D
 Acq: 9 Feb 2015 14:20

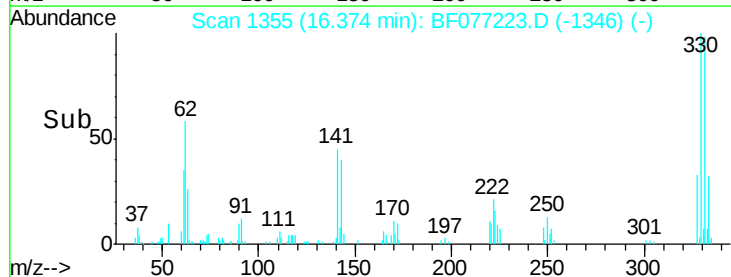
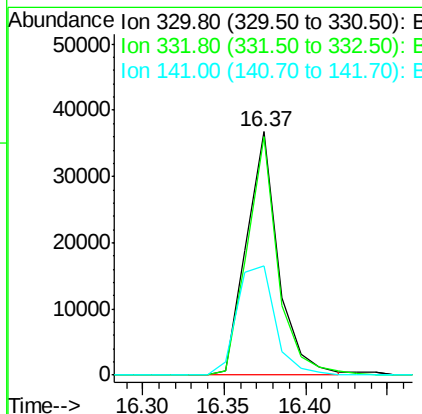
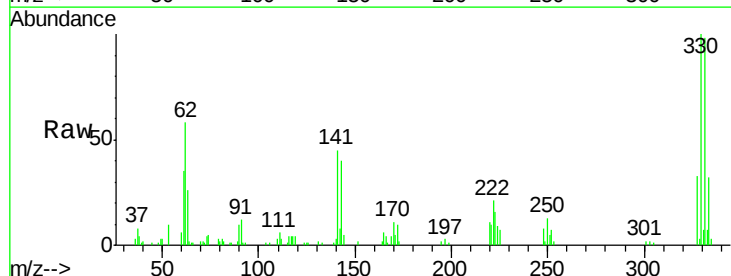
Instrument :
 BNA_F
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 CF-ALMASI-05

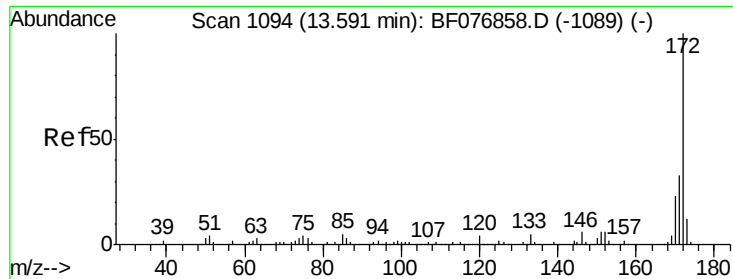
Tgt Ion:164 Resp: 64306
 Ion Ratio Lower Upper
 164 100
 162 98.5 82.4 123.6
 160 44.5 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 95.71 ng
 RT: 16.37 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF077223.D
 Acq: 9 Feb 2015 14:20

Tgt Ion:330 Resp: 49958
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.8 116.6
 141 53.8 38.5 57.7

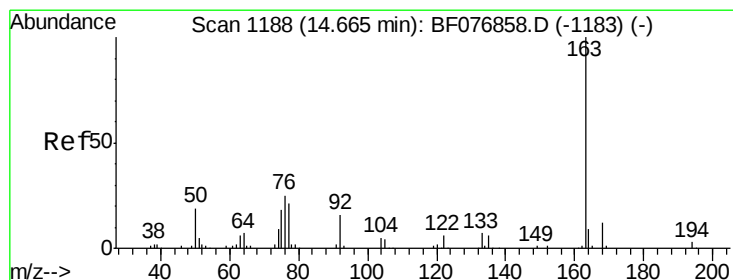
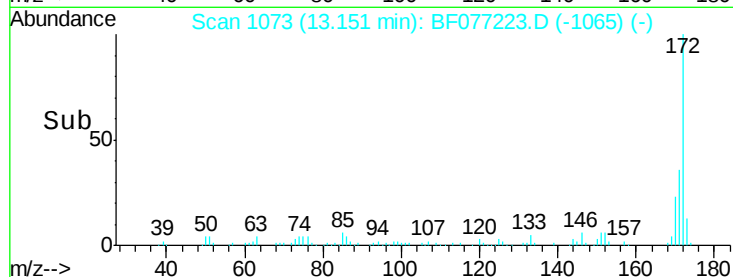
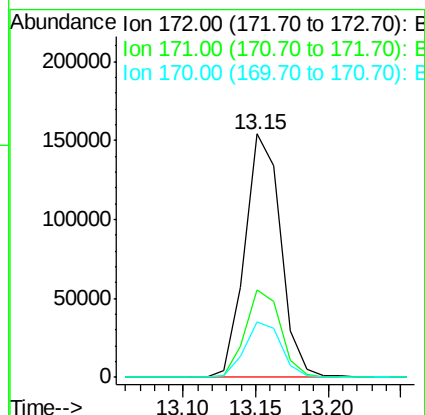
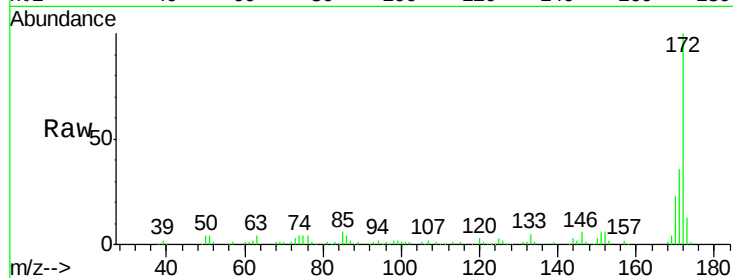




#44
2-Fluorobiphenyl
Concen: 62.81 ng
RT: 13.15 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

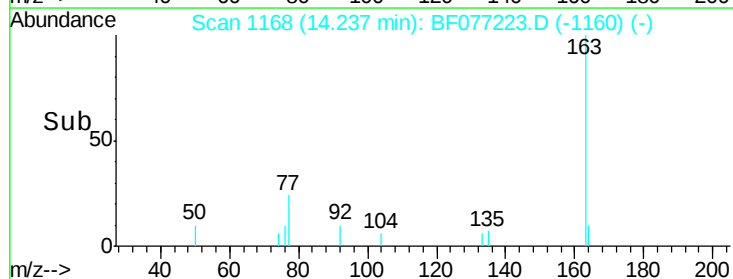
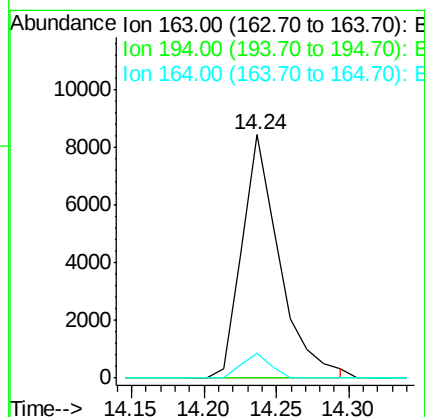
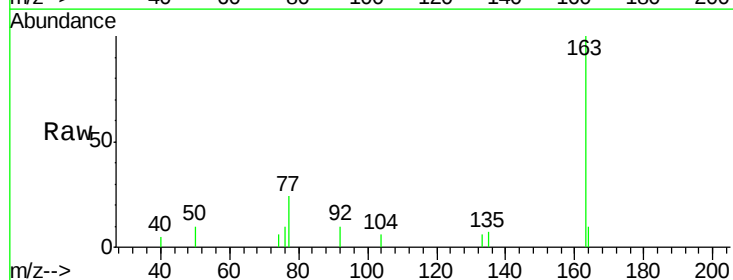
Instrument :
BNA_F
ClientSampleId :
CF-ALMASI-05

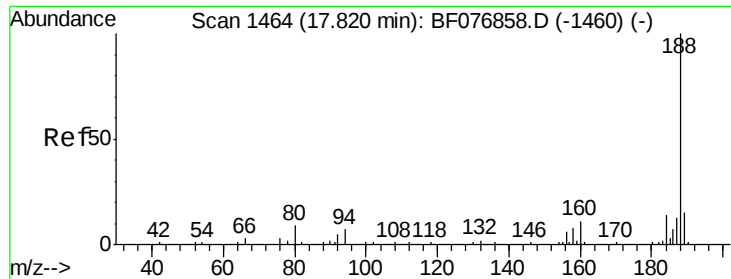
Tgt Ion:172 Resp: 265424
Ion Ratio Lower Upper
172 100
171 35.9 26.6 40.0
170 22.6 18.0 27.0



#49
Dimethylphthalate
Concen: 3.31 ng
RT: 14.24 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Tgt Ion:163 Resp: 15110
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 10.0 7.5 11.3

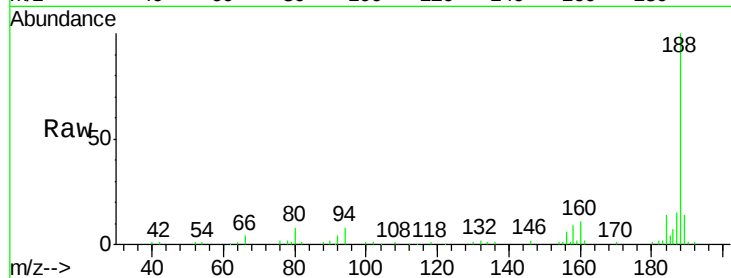




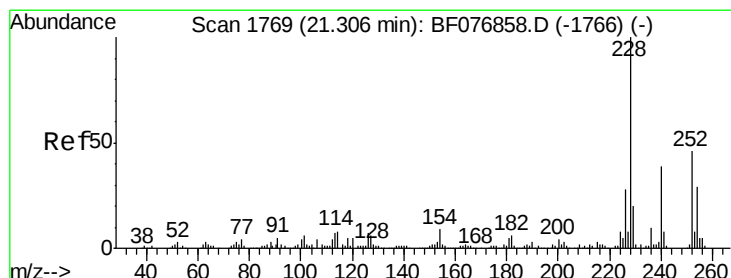
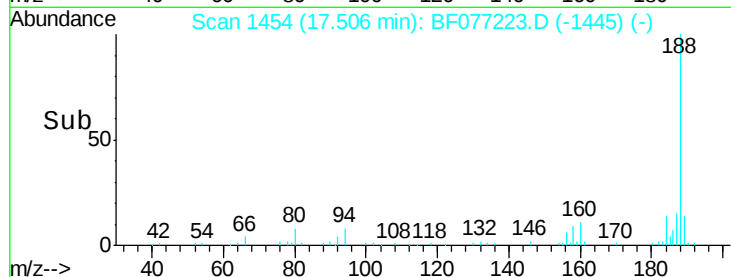
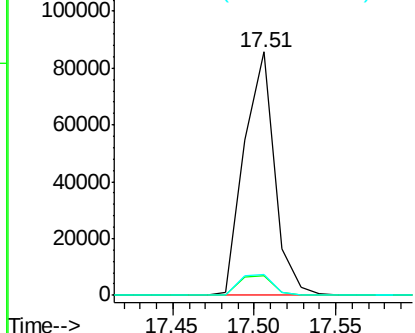
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Instrument :
BNA_F
ClientSampleId :
CF-ALMASI-05

Tgt Ion:188 Resp: 111196
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 8.4 6.9 10.3

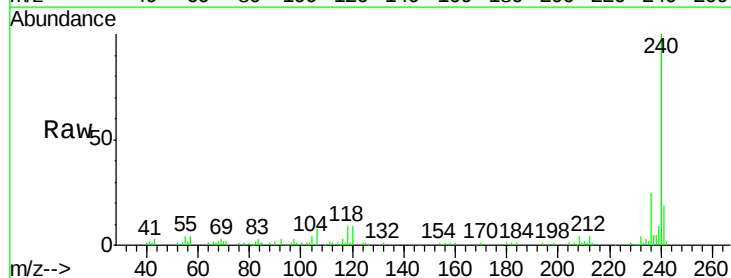


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

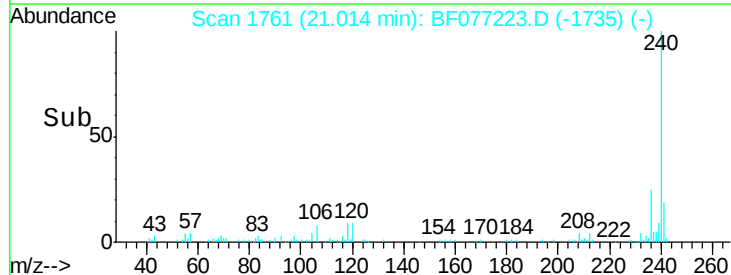
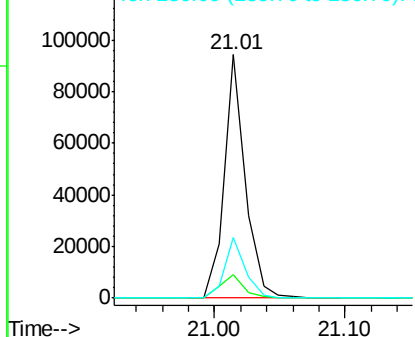


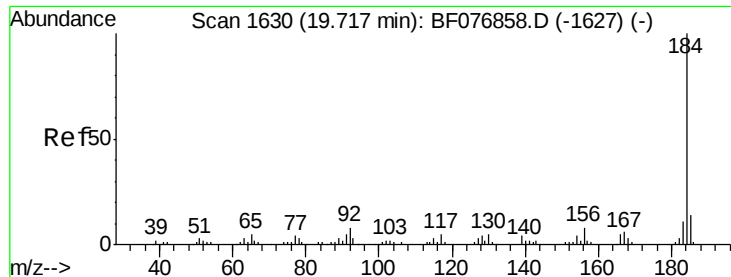
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Tgt Ion:240 Resp: 105591
Ion Ratio Lower Upper
240 100
120 9.5 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

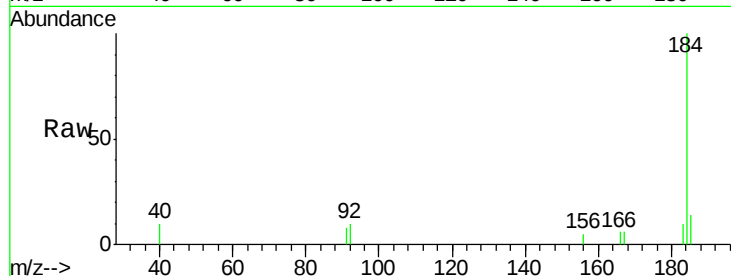




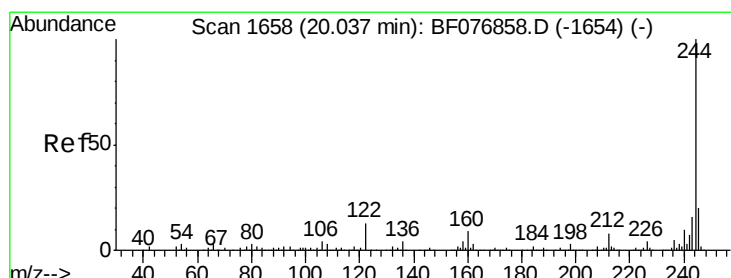
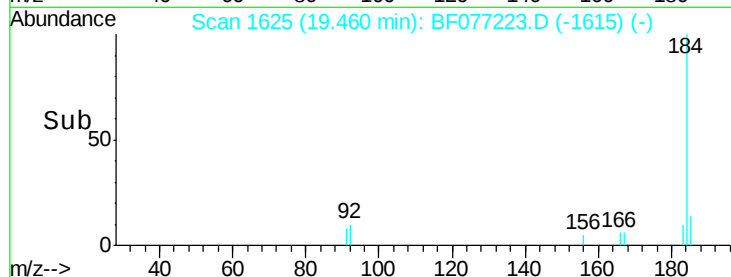
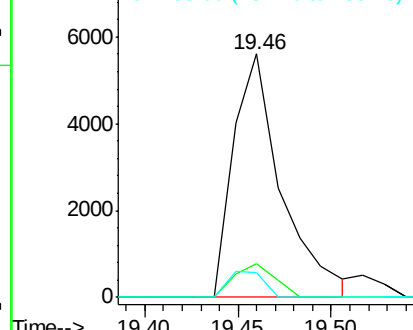
#76
Benzidine
Concen: 2.98 ng
RT: 19.46 min Scan# 1625
Delta R.T. 0.01 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Instrument :
BNA_F
ClientSampleId :
CF-ALMASI-05

Tgt Ion:184 Resp: 10055
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 10.4 9.0 13.6

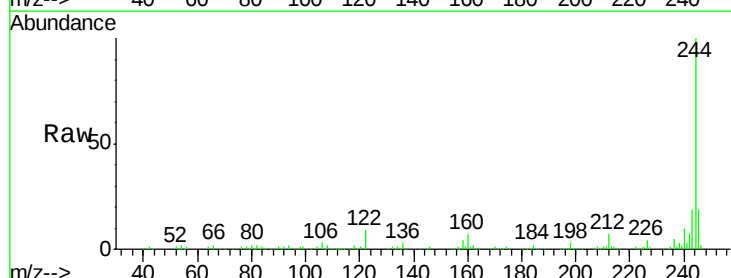


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

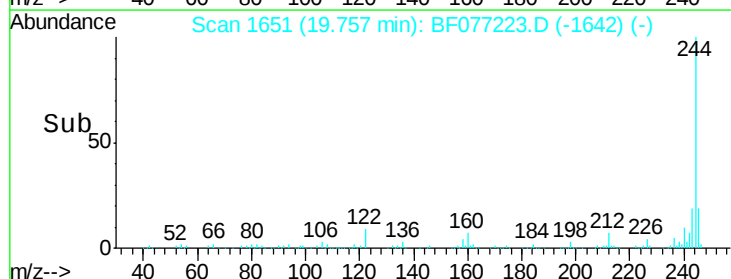
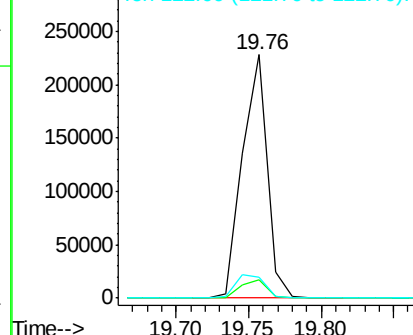


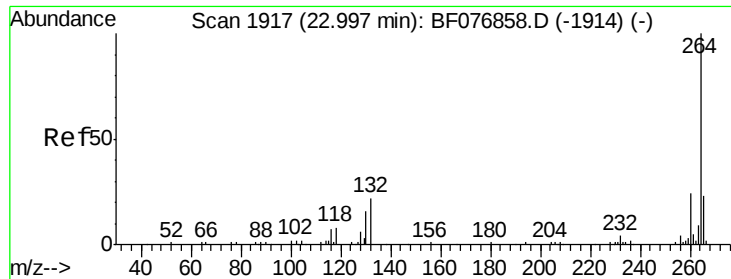
#78
Terphenyl-d14
Concen: 59.14 ng
RT: 19.76 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Tgt Ion:244 Resp: 271244
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 8.6 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: 22.69 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF077223.D
Acq: 9 Feb 2015 14:20

Instrument :
BNA_F
ClientSampleId :
CF-ALMASI-05

Tgt Ion: 264 Resp: 94071
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.3 18.1 27.1

