

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077091.D
 Acq On : 27 Jan 2015 18:45
 Operator : TP/IZ
 Sample : G1137-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B2

Quant Time: Jan 28 15:39:21 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 02:59:18 2015
 Response via : Initial Calibration

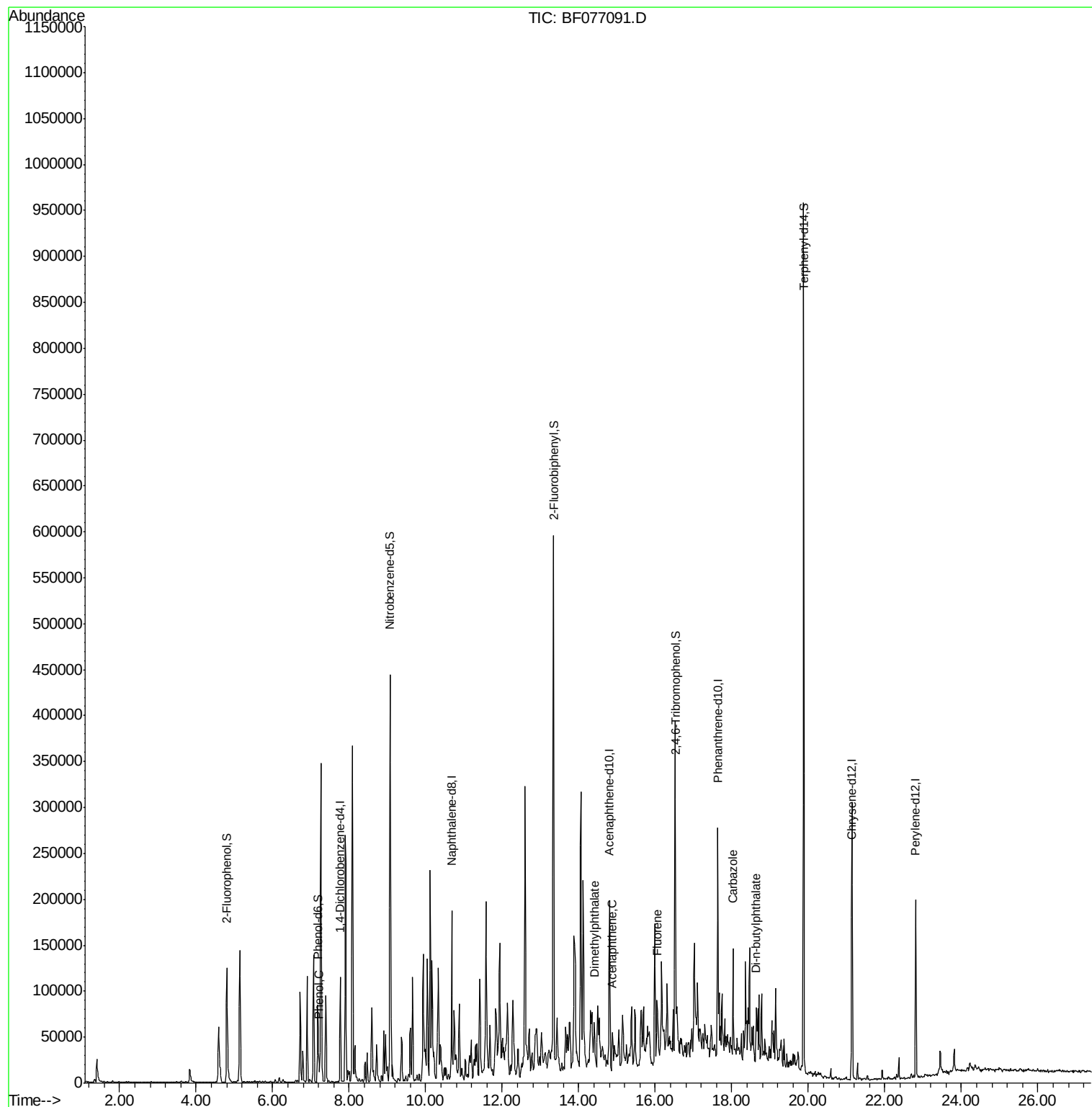
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	30992	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	133451	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	62734	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	110330	20.00	ng	0.00
75) Chrysene-d12	21.15	240	111054	20.00	ng	-0.01
86) Perylene-d12	22.80	264	106568	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	72653	38.54	ng	0.00
7) Phenol-d6	7.18	99	55805	23.47	ng	0.00
23) Nitrobenzene-d5	9.06	82	171301	71.11	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	54328	106.69	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	332955	80.77	ng	0.01
78) Terphenyl-d14	19.88	244	347265	71.99	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	5564	2.20	ng	# 68
49) Dimethylphthalate	14.40	163	17459	3.92	ng	97
51) Acenaphthene	14.87	154	11585	3.16	ng	87
57) Fluorene	16.05	166	20045	4.43	ng	99
72) Carbazole	18.04	167	56172	8.63	ng	98
73) Di-n-butylphthalate	18.63	149	20318	2.70	ng	# 91

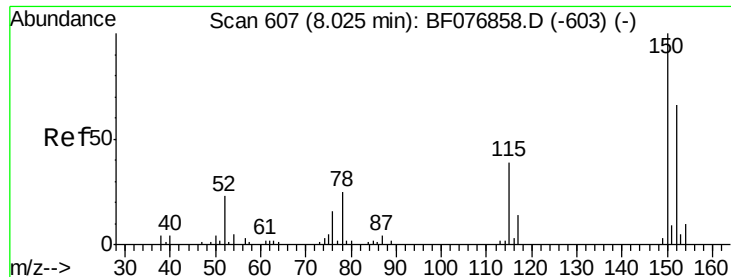
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 28 02:59:18 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

Instrument :

BNA_F

ClientSampleId :

104B2

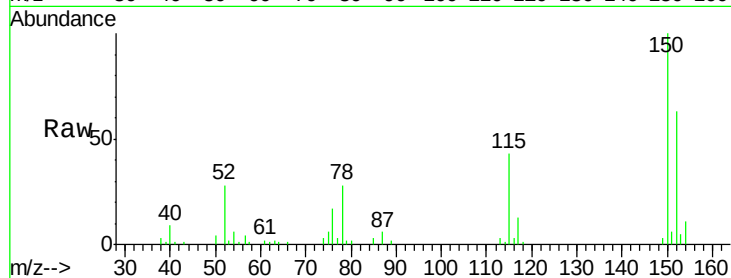
Tgt Ion:152 Resp: 30992

Ion Ratio Lower Upper

152 100

150 157.7 121.7 182.5

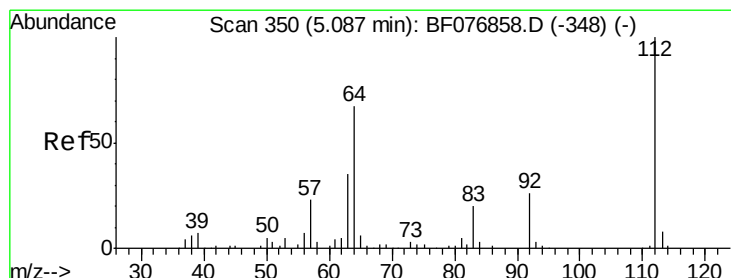
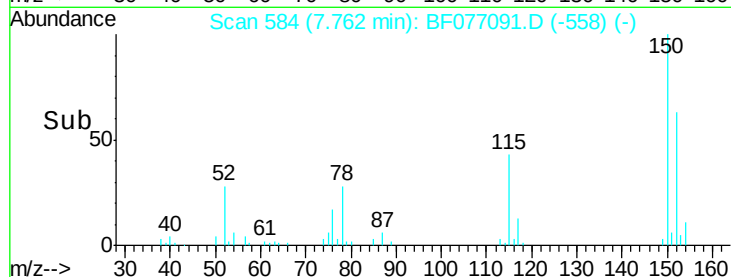
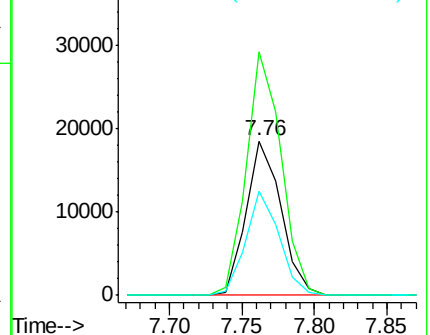
115 67.1 47.0 70.6



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: 38.54 ng

RT: 4.80 min Scan# 325

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

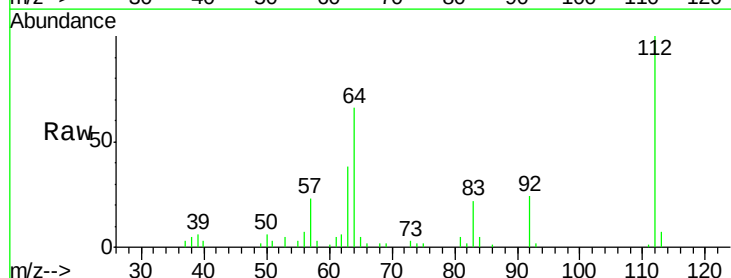
Tgt Ion:112 Resp: 72653

Ion Ratio Lower Upper

112 100

64 65.8 54.2 81.4

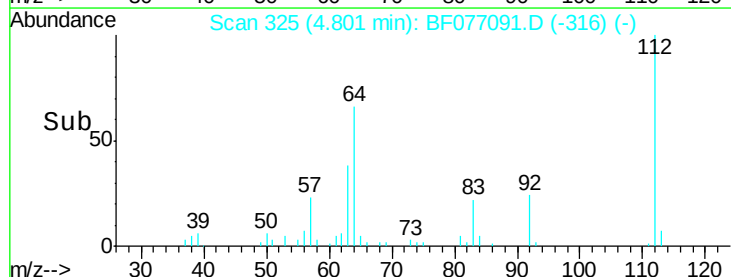
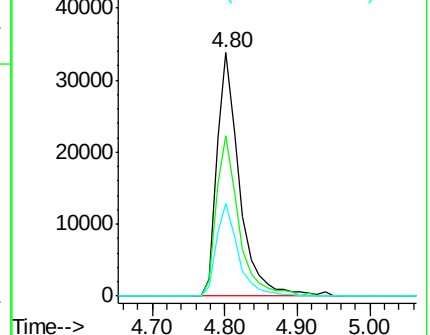
63 37.9 28.4 42.6

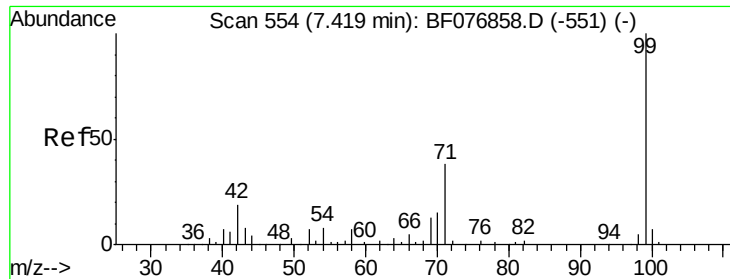


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.47 ng

RT: 7.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

Instrument :

BNA_F

ClientSampleId :

104B2

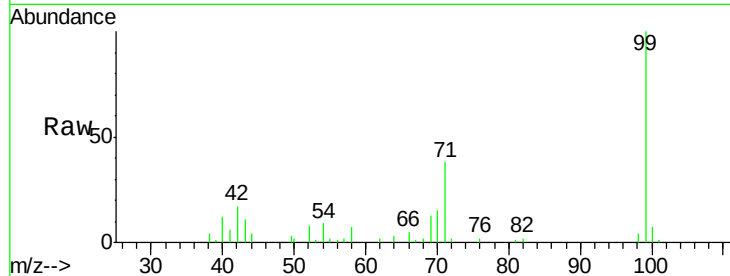
Tgt Ion: 99 Resp: 55805

Ion Ratio Lower Upper

99 100

42 17.4 15.0 22.4

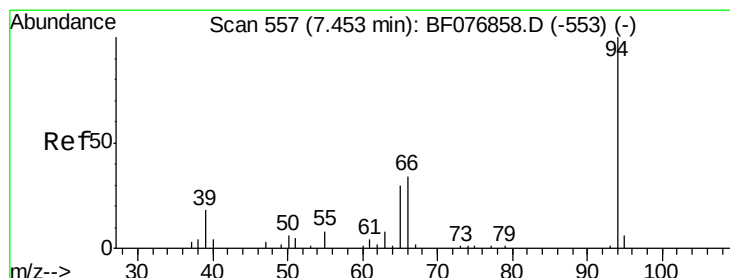
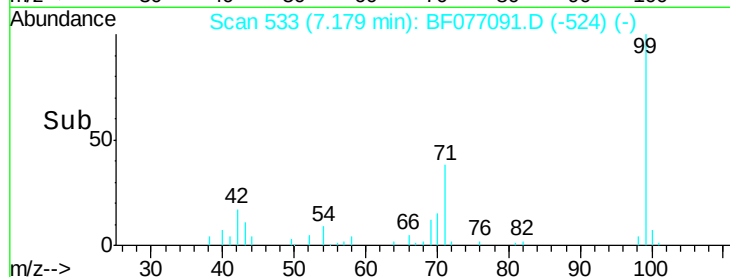
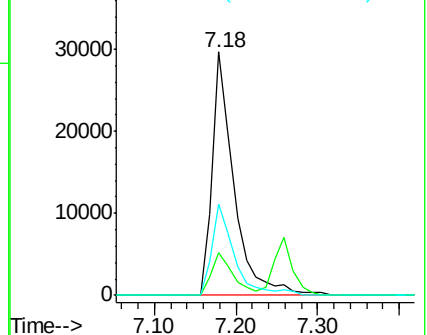
71 37.6 30.5 45.7



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: 2.20 ng

RT: 7.21 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

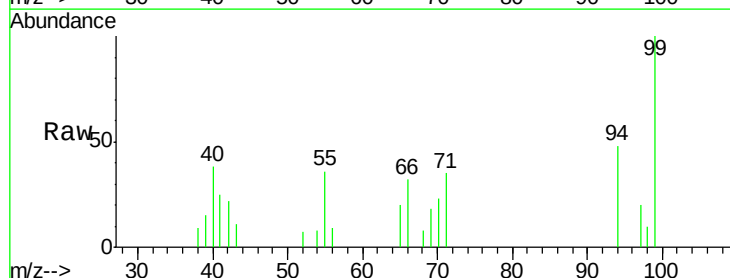
Tgt Ion: 94 Resp: 5564

Ion Ratio Lower Upper

94 100

65 41.7 11.3 51.3

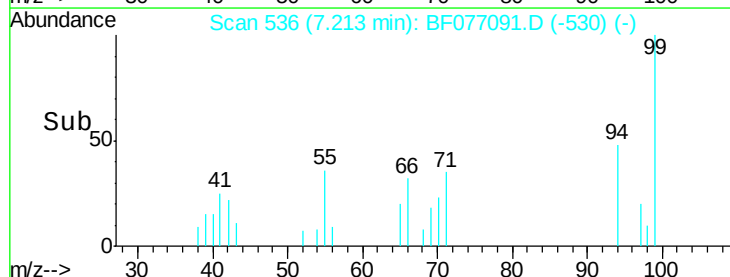
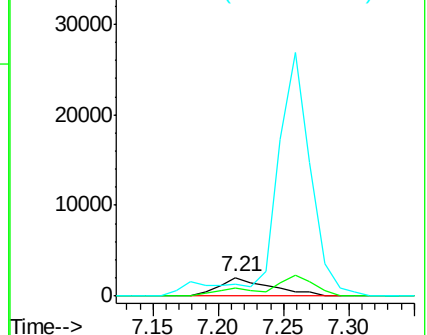
66 65.7 19.5 59.5#

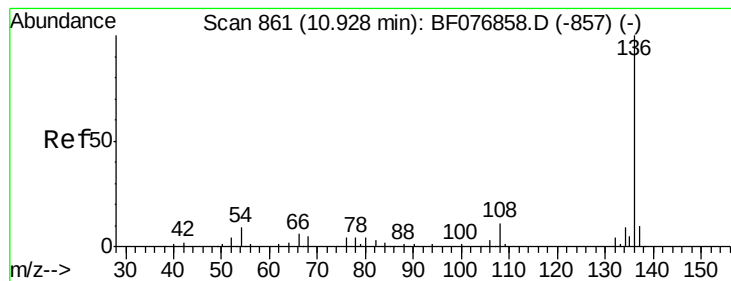


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

Instrument :

BNA_F

ClientSampleId :

104B2

Tgt Ion: 136 Resp: 133451

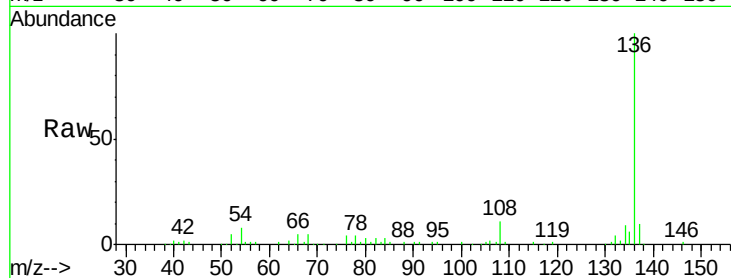
Ion Ratio Lower Upper

136 100

137 9.6 8.1 12.1

54 8.0 7.0 10.4

68 4.9 3.7 5.5

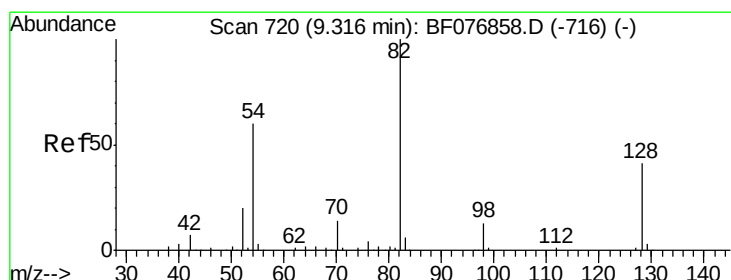
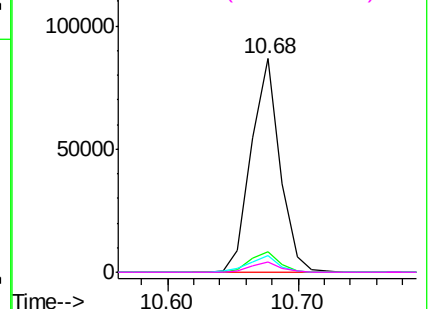
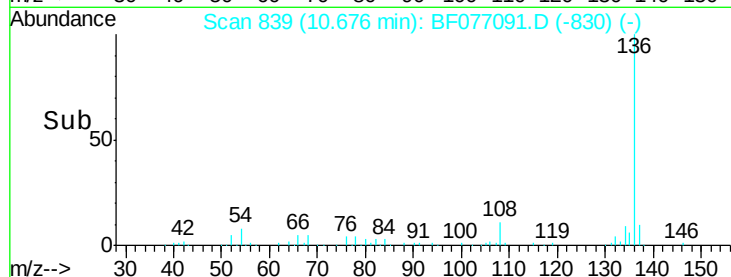


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.11 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

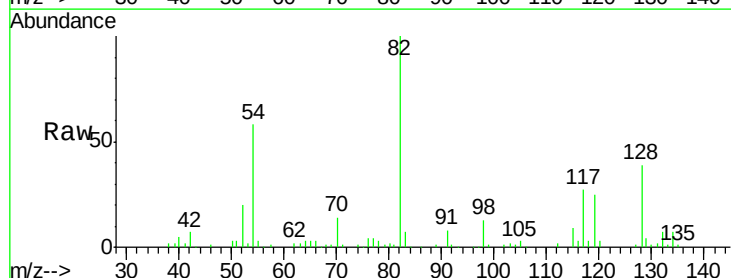
Tgt Ion: 82 Resp: 171301

Ion Ratio Lower Upper

82 100

128 39.1 33.1 49.7

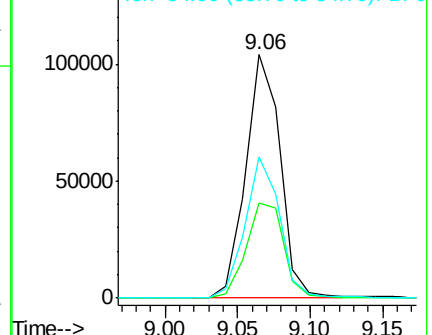
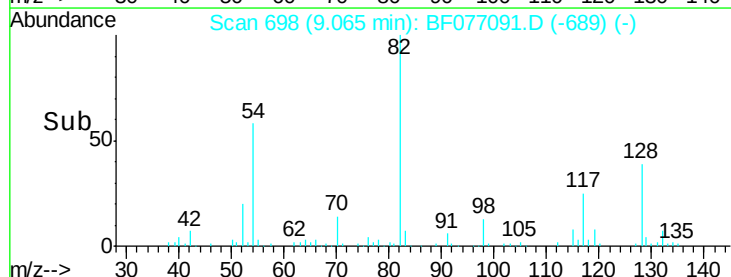
54 58.1 48.3 72.5

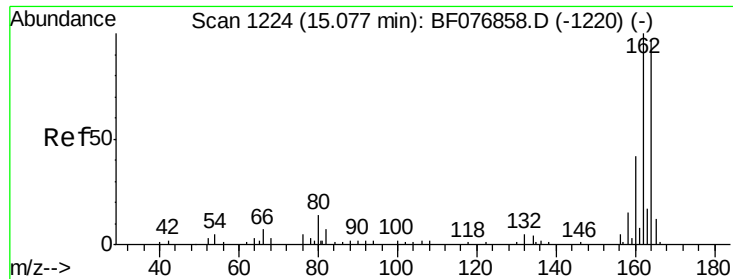


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

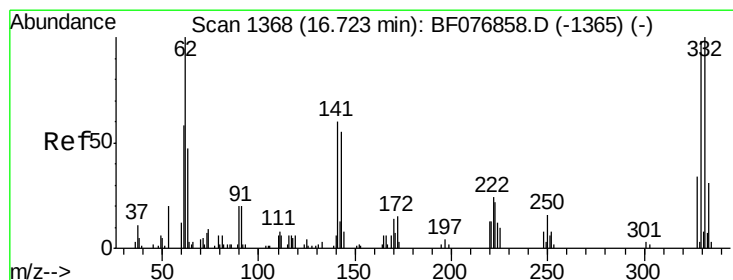
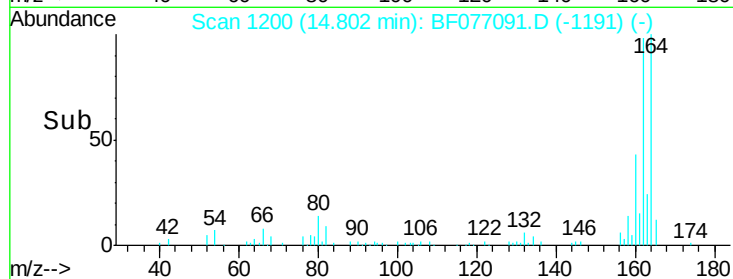
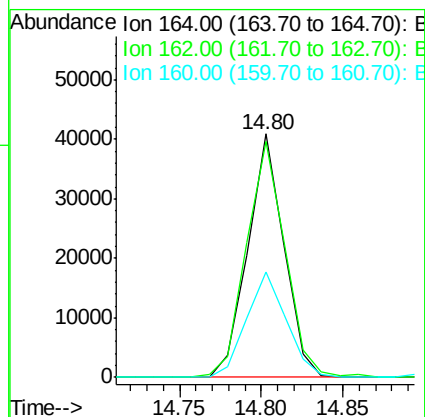
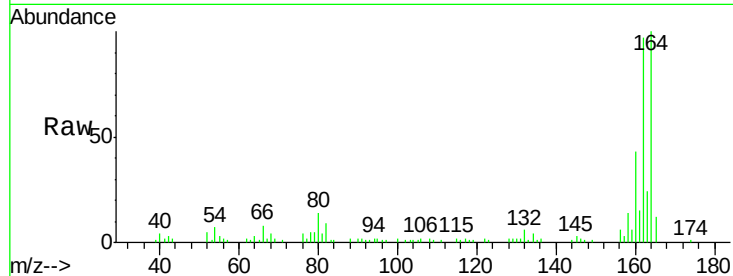




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077091.D
Acq: 27 Jan 2015 18:45

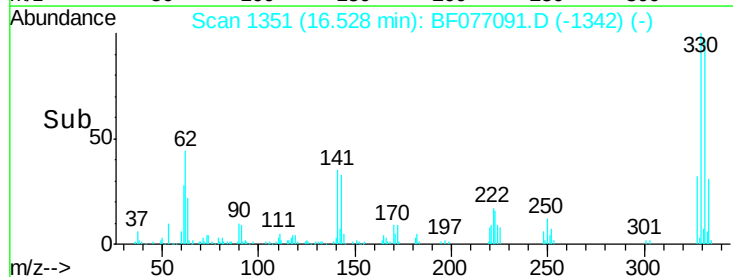
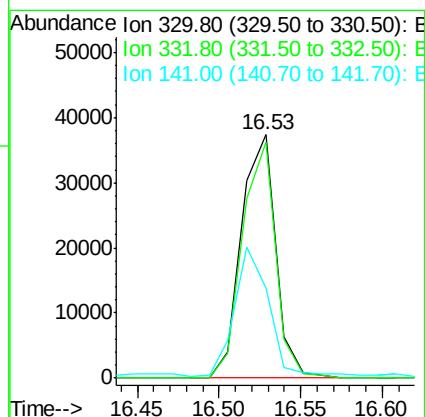
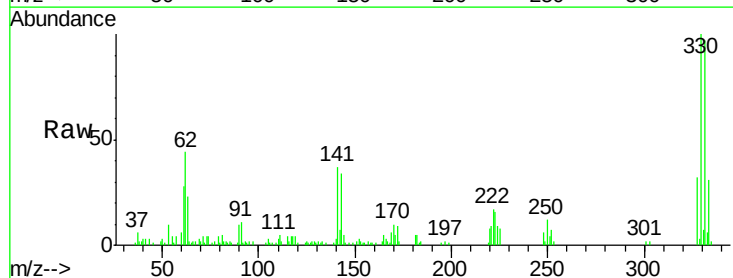
Instrument :
BNA_F
ClientSampleId :
104B2

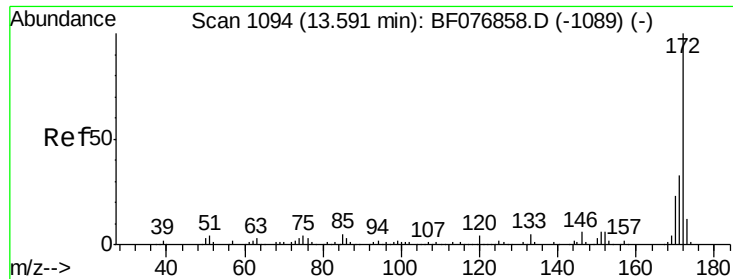
Tgt Ion:164 Resp: 62734
Ion Ratio Lower Upper
164 100
162 97.0 82.4 123.6
160 43.4 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 106.69 ng
RT: 16.53 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF077091.D
Acq: 27 Jan 2015 18:45

Tgt Ion:330 Resp: 54328
Ion Ratio Lower Upper
330 100
332 94.0 77.8 116.6
141 52.5 38.5 57.7

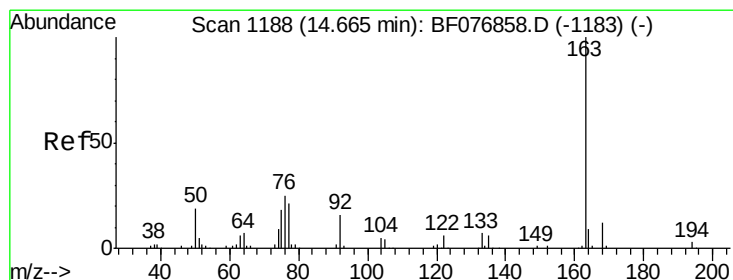
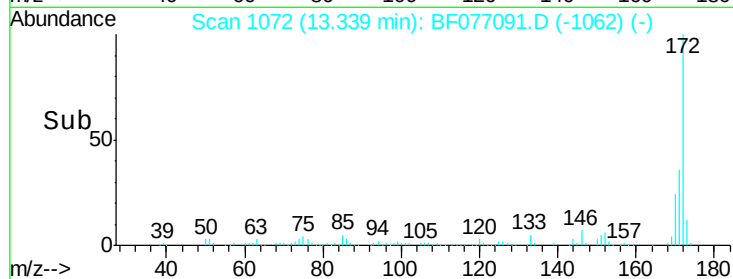
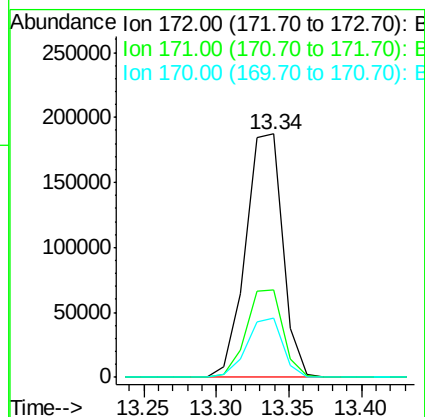
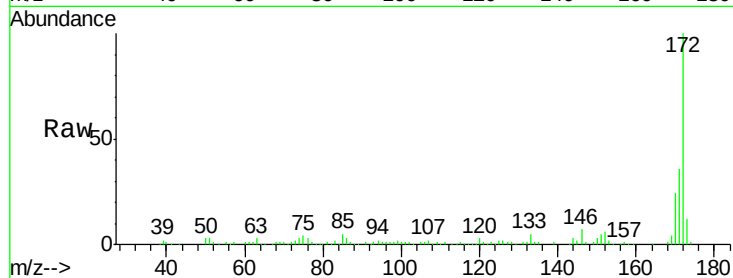




#44
2-Fluorobiphenyl
Concen: 80.77 ng
RT: 13.34 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF077091.D
Acq: 27 Jan 2015 18:45

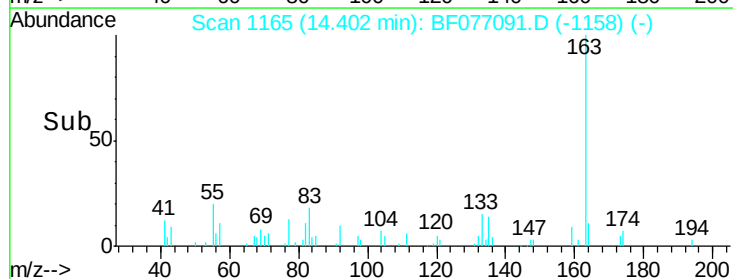
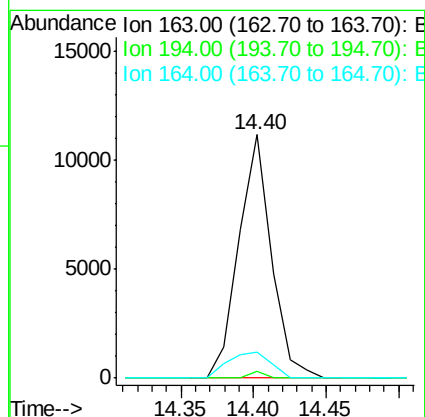
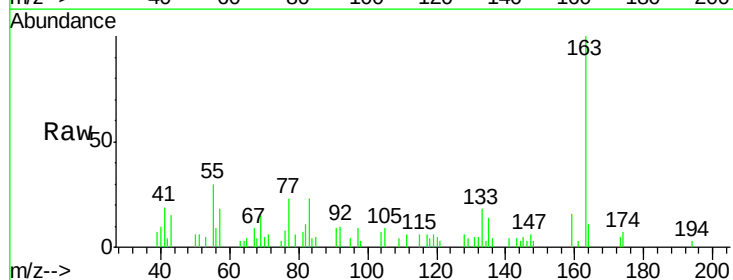
Instrument :
BNA_F
ClientSampled :
104B2

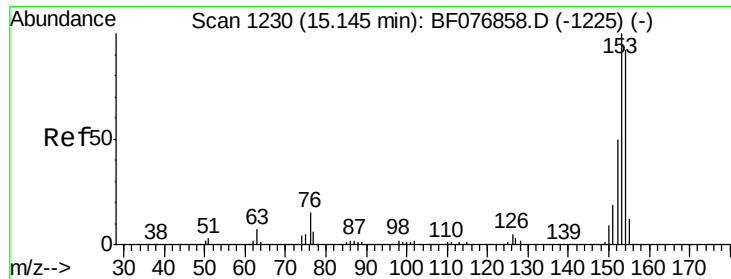
Tgt Ion:172 Resp: 332955
Ion Ratio Lower Upper
172 100
171 35.8 26.6 40.0
170 24.3 18.0 27.0



#49
Dimethylphthalate
Concen: 3.92 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF077091.D
Acq: 27 Jan 2015 18:45

Tgt Ion:163 Resp: 17459
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.8 7.5 11.3





#51

Acenaphthene

Concen: 3.16 ng

RT: 14.87 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

Instrument :

BNA_F

ClientSampleId :

104B2

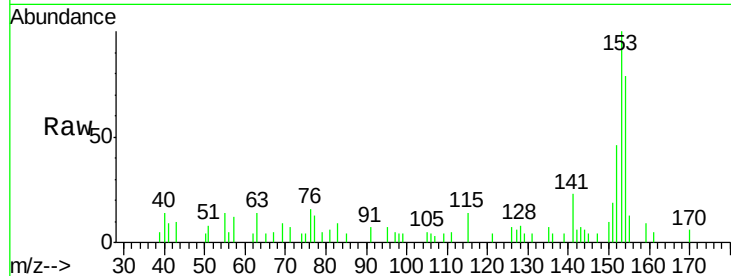
Tgt Ion:154 Resp: 11585

Ion Ratio Lower Upper

154 100

153 126.2 87.0 130.6

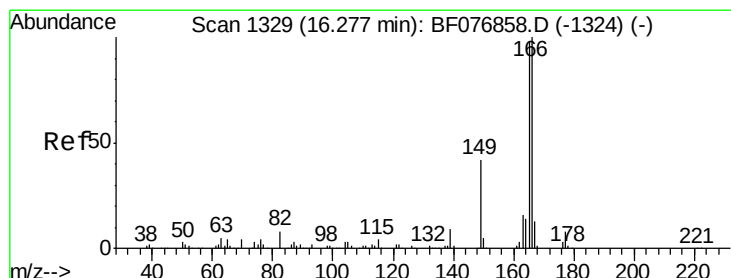
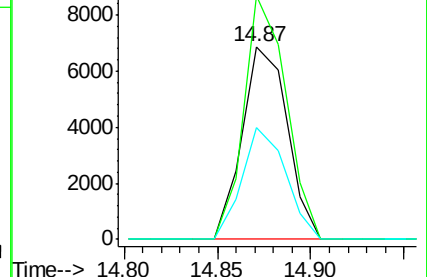
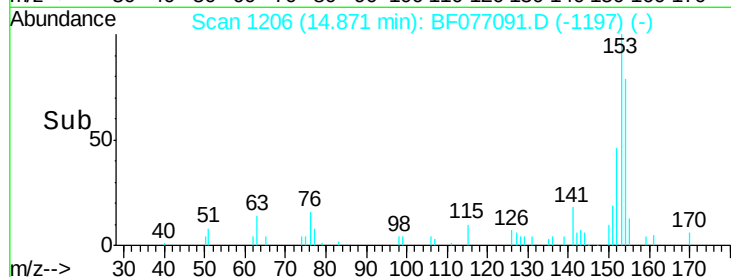
152 58.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 4.43 ng

RT: 16.05 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

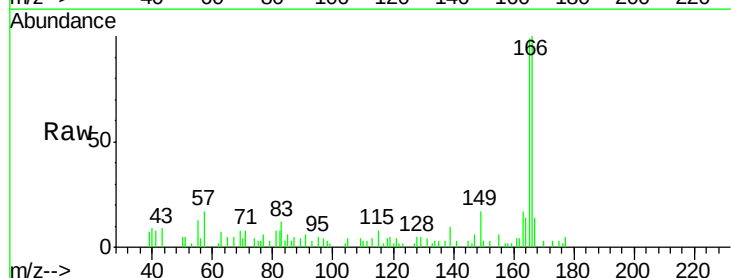
Tgt Ion:166 Resp: 20045

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

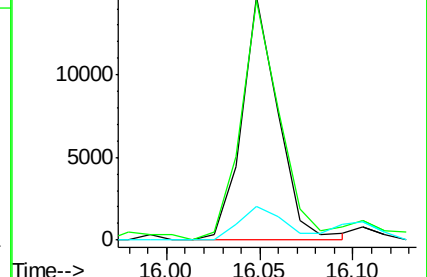
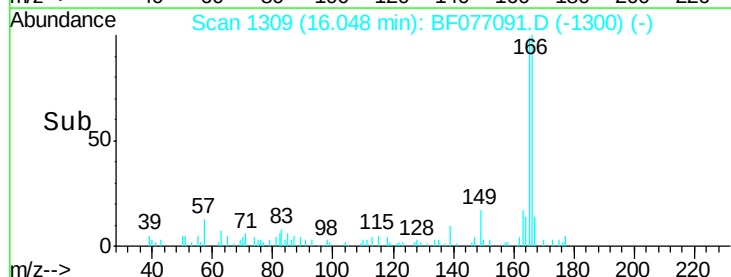
167 14.0 10.4 15.6

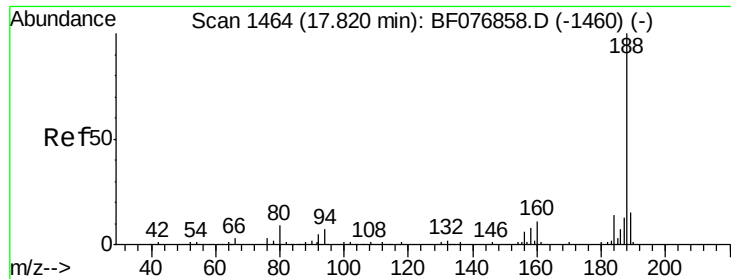


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

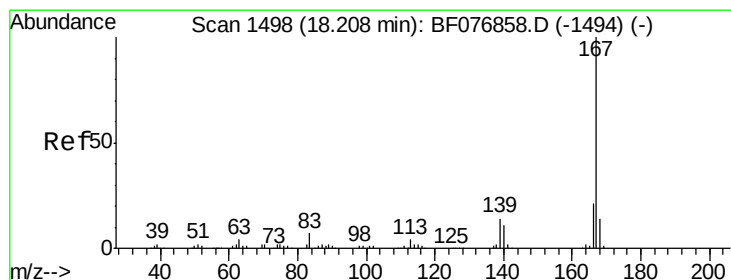
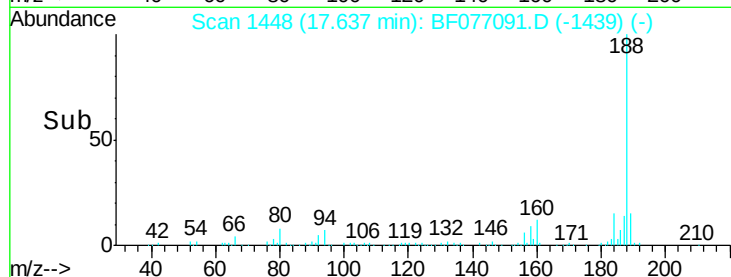
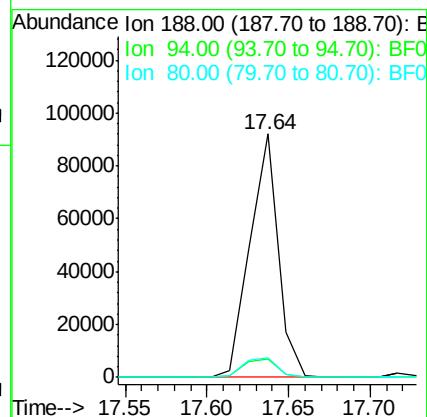
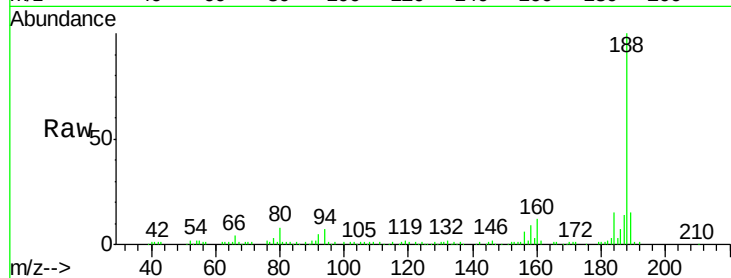




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077091.D
Acq: 27 Jan 2015 18:45

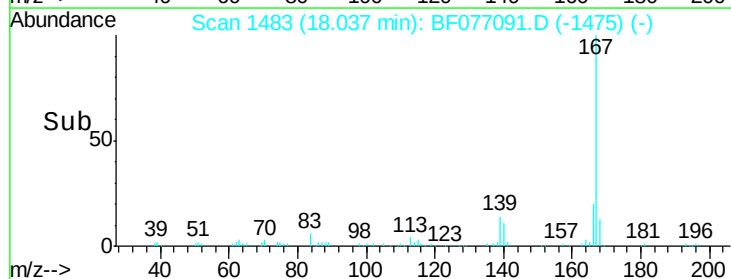
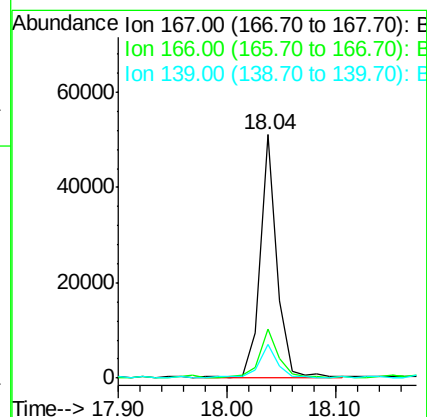
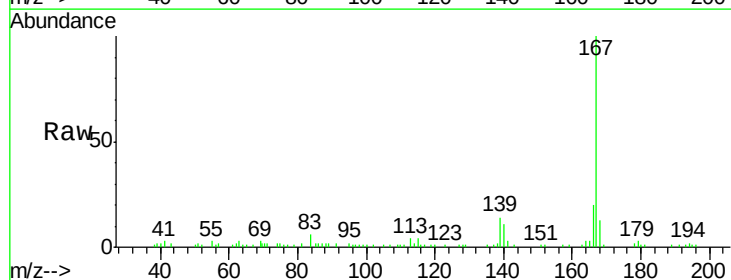
Instrument :
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ClientSampleId :
104B2

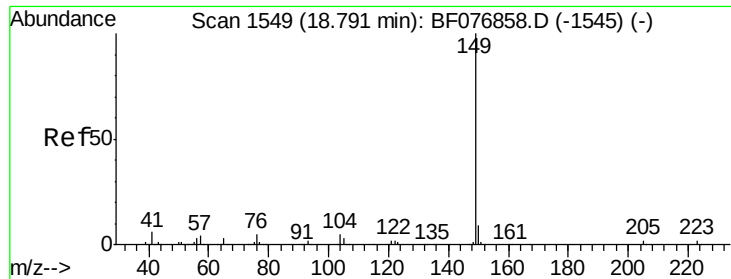
Tgt Ion:188 Resp: 110330
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.2 6.9 10.3



#72
Carbazole
Concen: 8.63 ng
RT: 18.04 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF077091.D
Acq: 27 Jan 2015 18:45

Tgt Ion:167 Resp: 56172
Ion Ratio Lower Upper
167 100
166 20.0 17.0 25.6
139 13.8 11.3 16.9





#73

Di-n-butylphthalate

Concen: 2.70 ng

RT: 18.63 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

Instrument :

BNA_F

ClientSampleId :

104B2

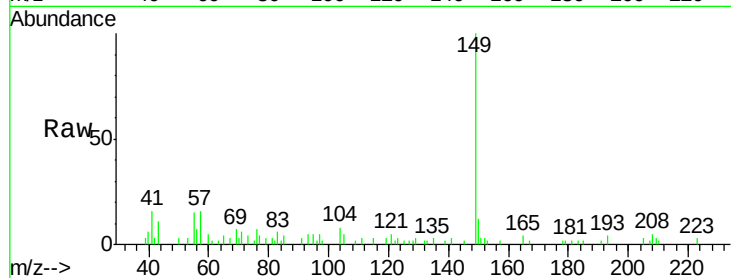
Tgt Ion:149 Resp: 20318

Ion Ratio Lower Upper

149 100

150 11.6 6.9 10.3#

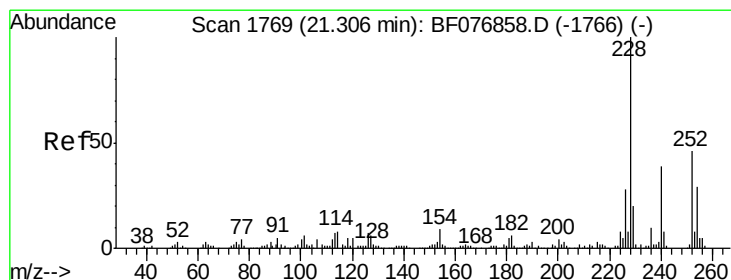
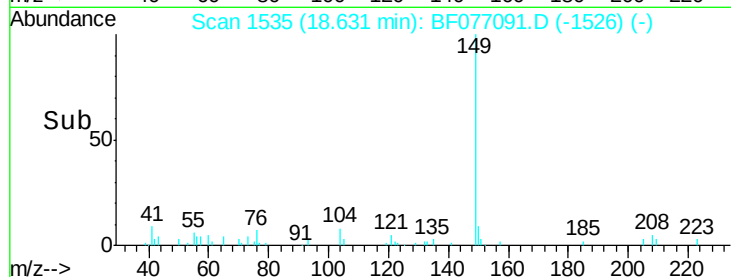
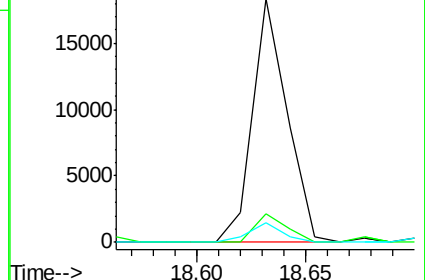
104 8.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077091.D

Acq: 27 Jan 2015 18:45

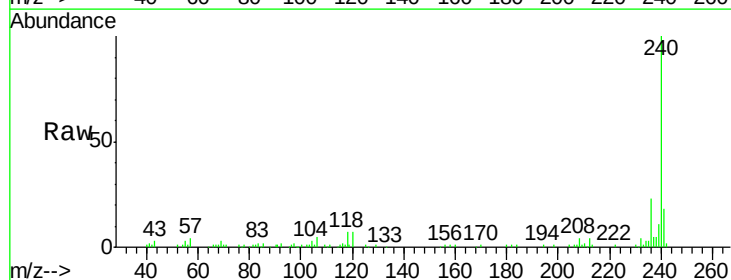
Tgt Ion:240 Resp: 111054

Ion Ratio Lower Upper

240 100

120 7.1 10.4 15.6#

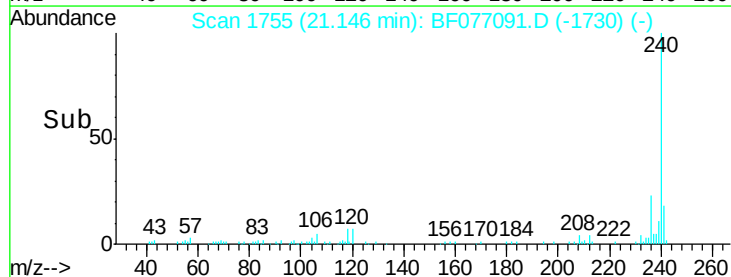
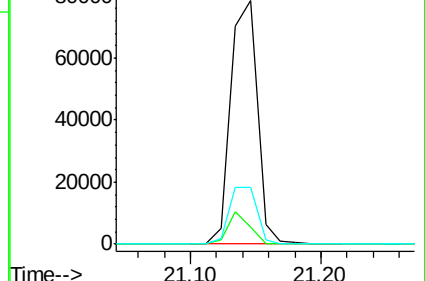
236 23.2 20.2 30.2

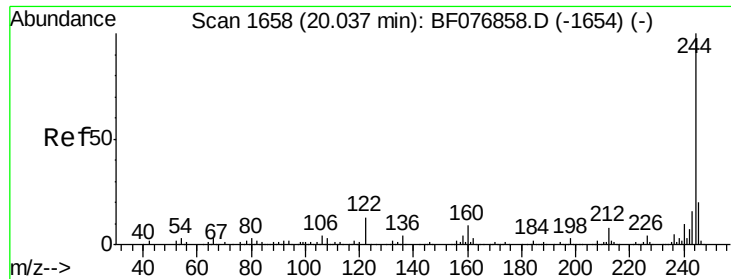


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

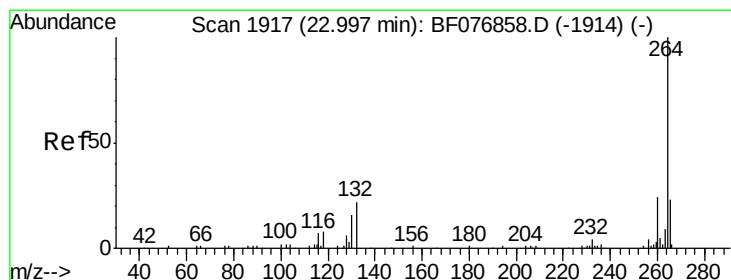
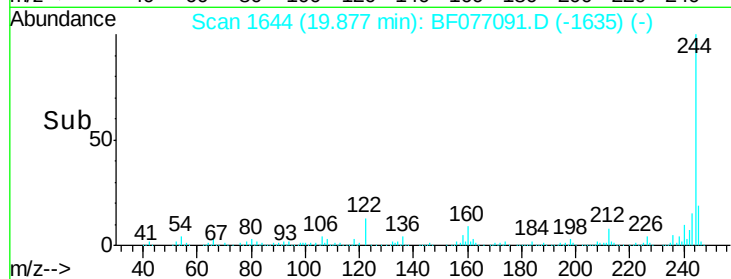
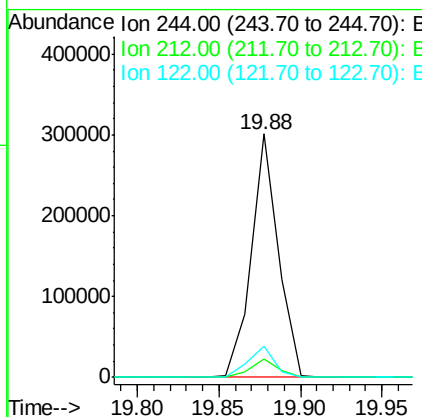
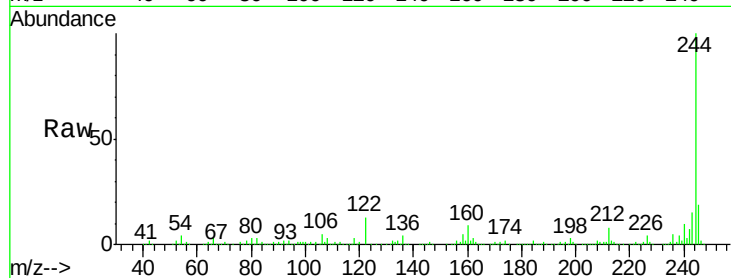




#78
 Terphenyl-d14
 Concen: 71.99 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077091.D
 Acq: 27 Jan 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 104B2

Tgt Ion:244 Resp: 347265
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 13.0 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.80 min Scan# 1900
 Delta R.T. -0.16 min
 Lab File: BF077091.D
 Acq: 27 Jan 2015 18:45

Tgt Ion:264 Resp: 106568
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 22.5 18.1 27.1

