

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077092.D
 Acq On : 27 Jan 2015 19:20
 Operator : TP/IZ
 Sample : G1137-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B3

Quant Time: Jan 28 15:48:30 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

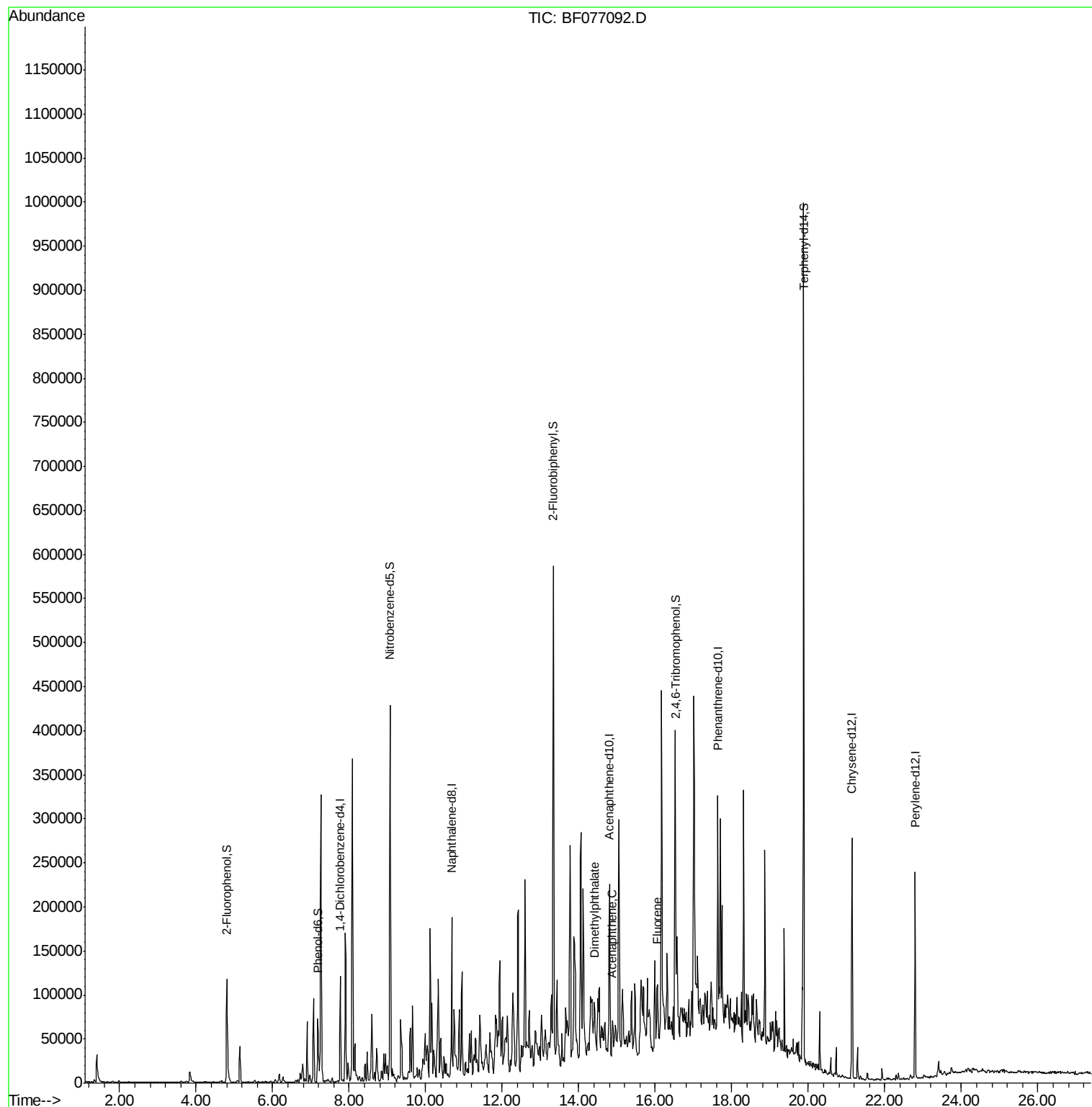
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	31492	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	131413	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	62539	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	113587	20.00	ng	0.00
75) Chrysene-d12	21.13	240	112083	20.00	ng	-0.02
86) Perylene-d12	22.79	264	111008	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	68370	35.70	ng	0.00
7) Phenol-d6	7.18	99	47934	19.84	ng	0.00
23) Nitrobenzene-d5	9.06	82	160309	67.58	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	54041	106.45	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	320784	78.06	ng	0.00
78) Terphenyl-d14	19.88	244	320837	65.90	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.40	163	14521	3.27	ng	# 86
51) Acenaphthene	14.87	154	11256	3.08	ng	97
57) Fluorene	16.05	166	19918	4.42	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: 7.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

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ClientSampleId :

104B3

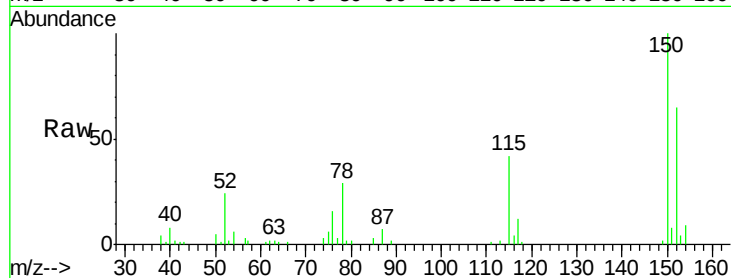
Tgt Ion:152 Resp: 31492

Ion Ratio Lower Upper

152 100

150 154.0 121.7 182.5

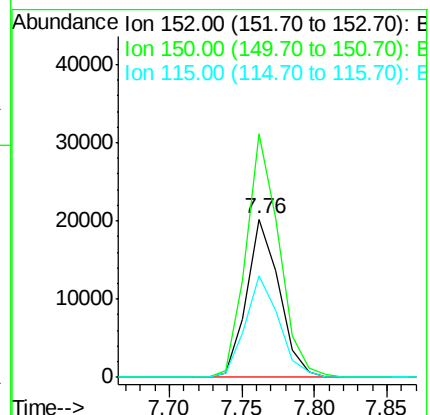
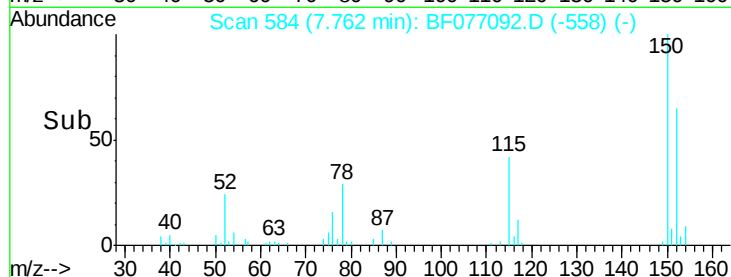
115 64.3 47.0 70.6



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: 35.70 ng

RT: 4.80 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

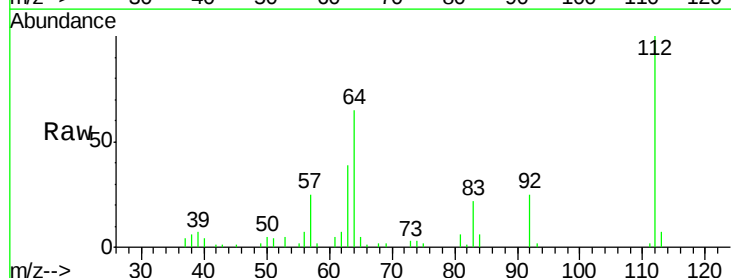
Tgt Ion:112 Resp: 68370

Ion Ratio Lower Upper

112 100

64 65.1 54.2 81.4

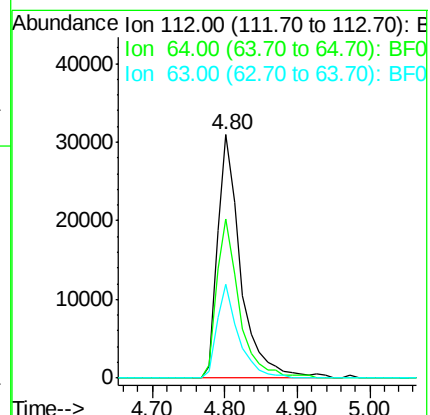
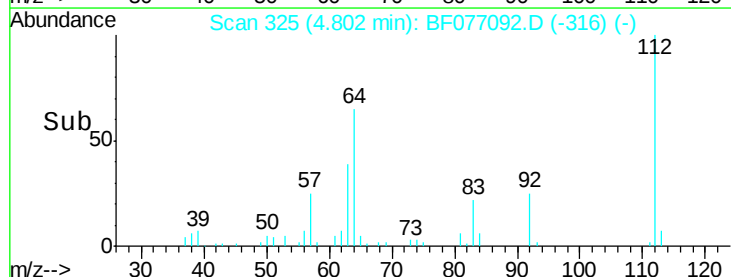
63 38.6 28.4 42.6



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: 19.84 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

BNA_F

ClientSampleId :

104B3

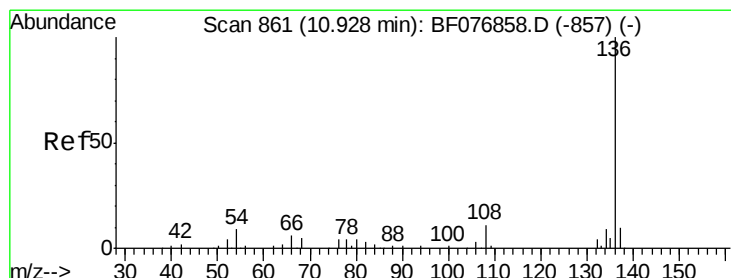
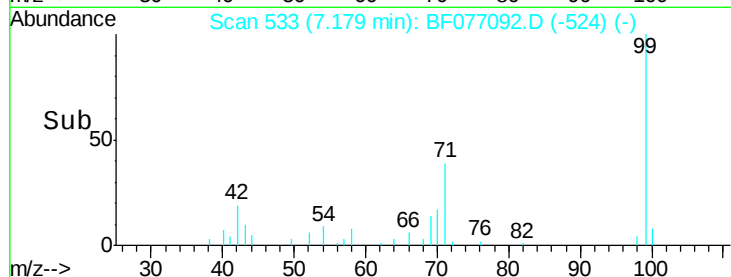
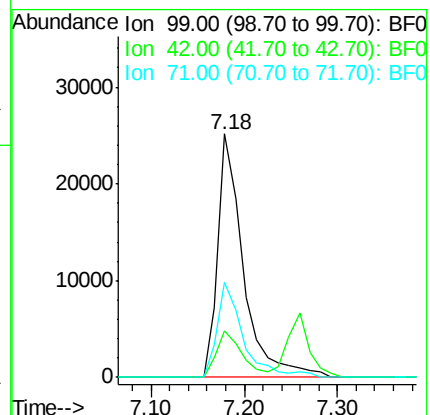
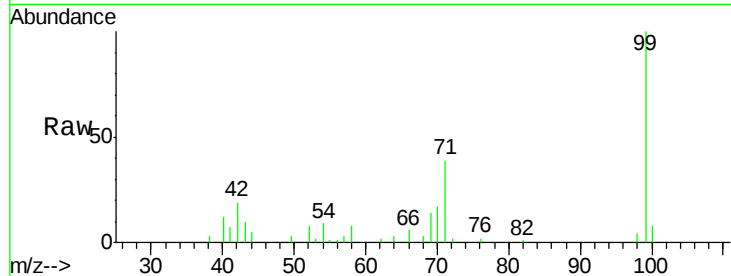
Tgt Ion: 99 Resp: 47934

Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

71 39.2 30.5 45.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Tgt Ion: 136 Resp: 131413

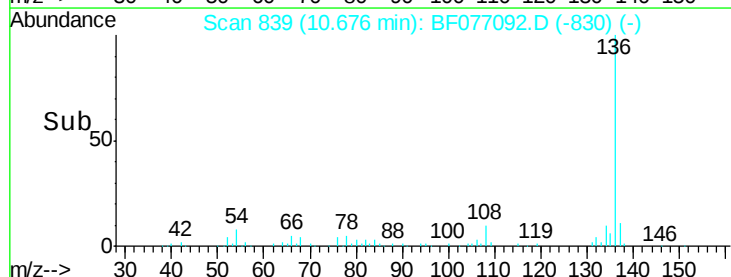
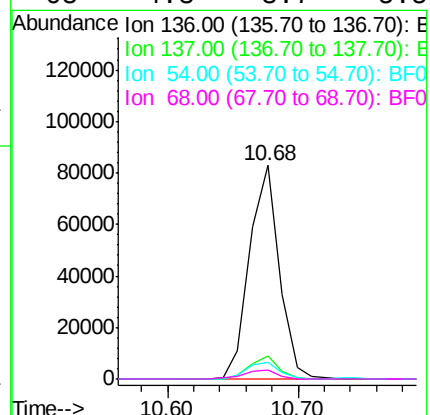
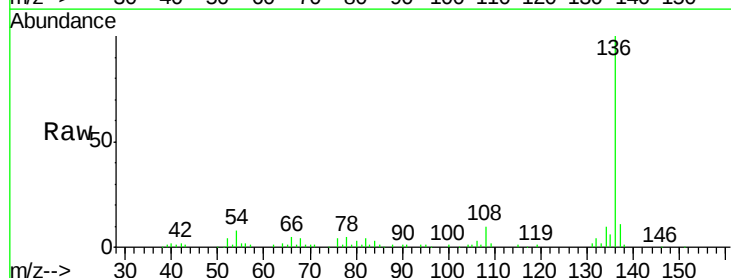
Ion Ratio Lower Upper

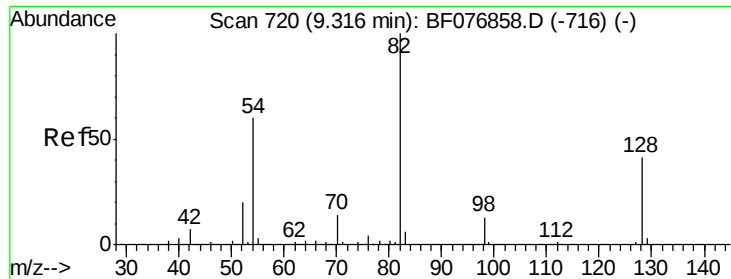
136 100

137 10.9 8.1 12.1

54 7.9 7.0 10.4

68 4.3 3.7 5.5

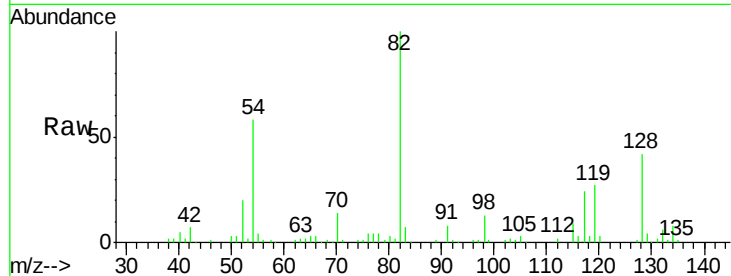




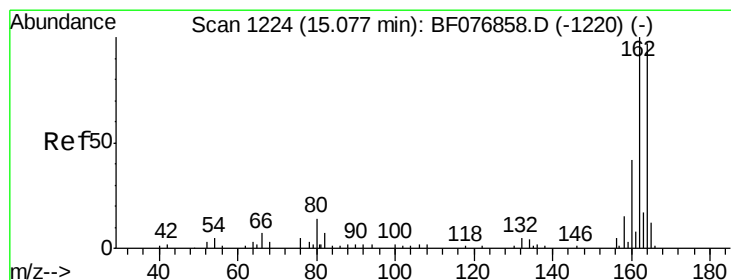
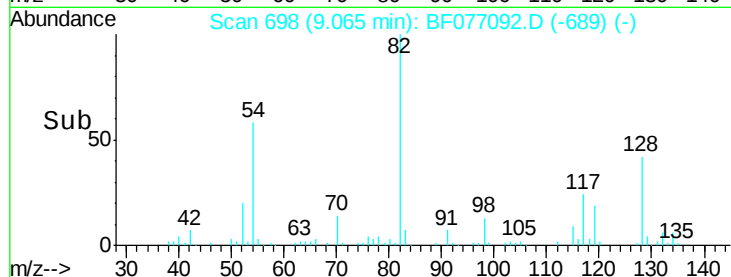
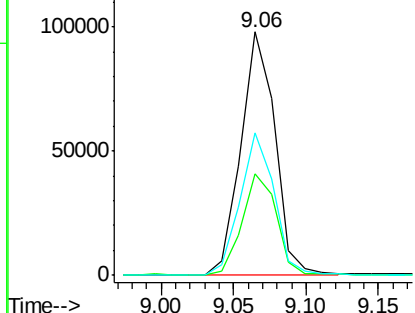
#23
 Nitrobenzene-d5
 Concen: 67.58 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 104B3

Tgt Ion: 82 Resp: 160309
 Ion Ratio Lower Upper
 82 100
 128 41.8 33.1 49.7
 54 58.4 48.3 72.5

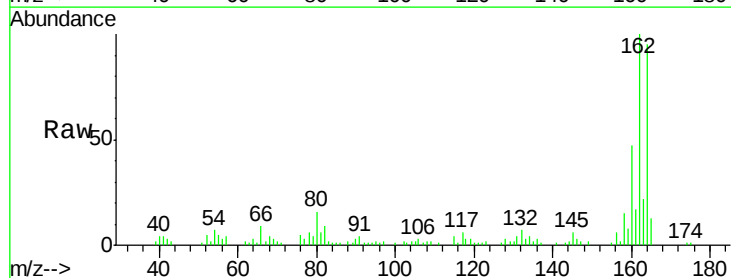


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

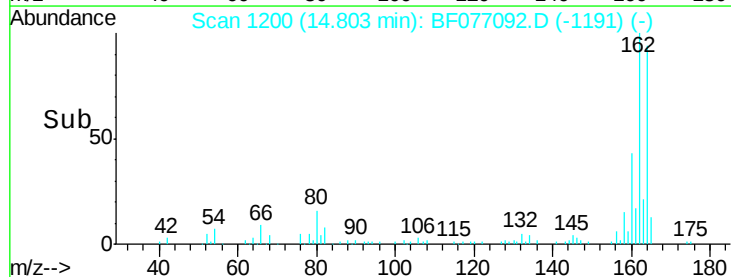
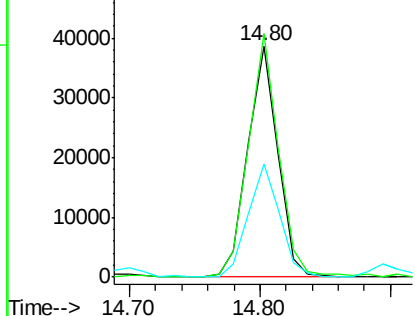


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Tgt Ion: 164 Resp: 62539
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.4 123.6
 160 49.1 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

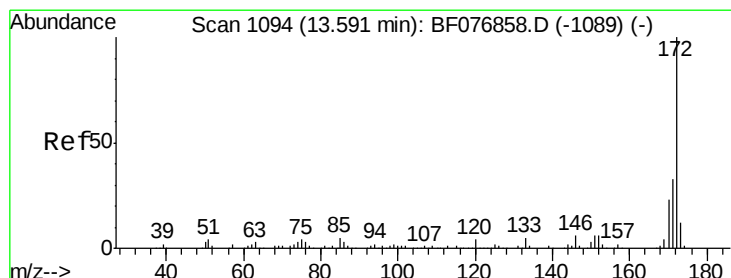
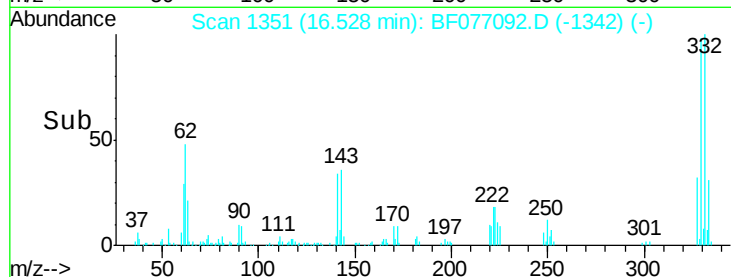
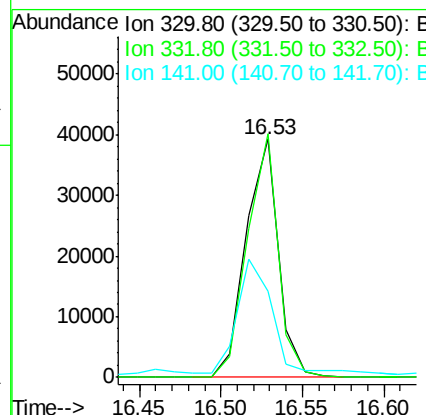
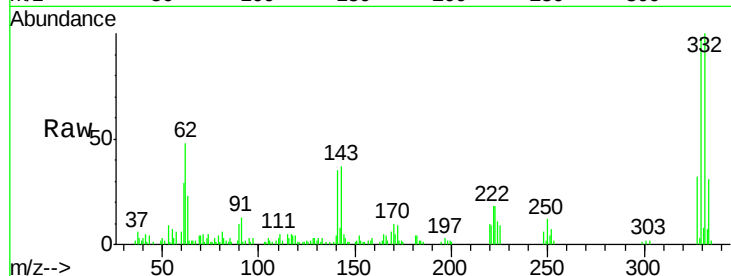




#41
 2,4,6-Tribromophenol
 Concen: 106.45 ng
 RT: 16.53 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

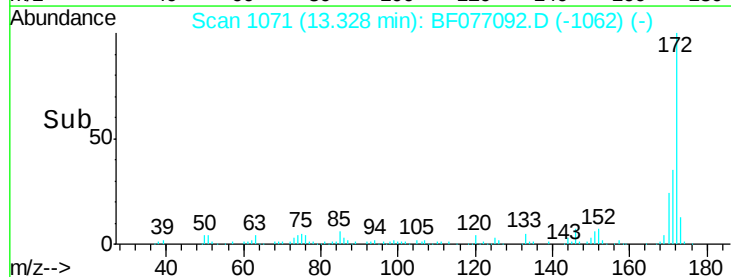
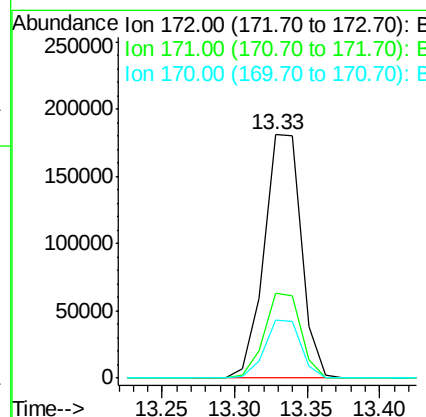
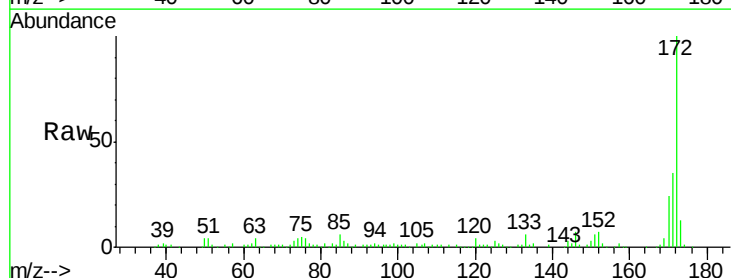
Instrument :
 BNA_F
 ClientSampled :
 104B3

Tgt Ion:330 Resp: 54041
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 51.0 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 78.06 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Tgt Ion:172 Resp: 320784
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.6 40.0
 170 23.9 18.0 27.0

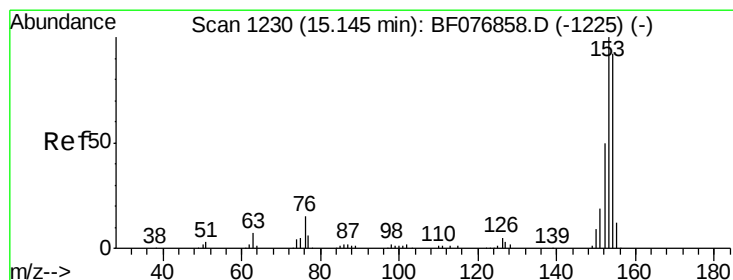
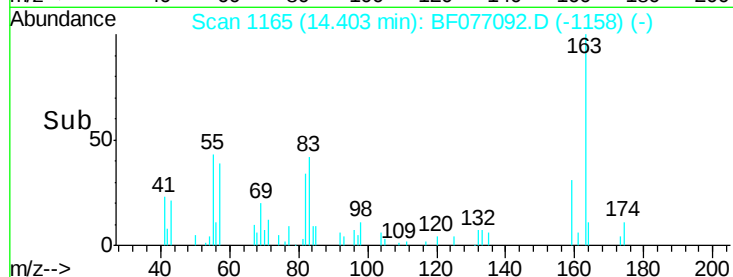
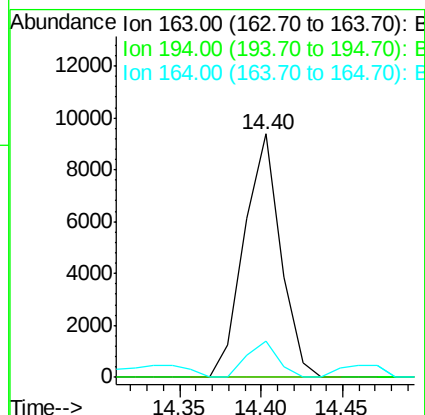
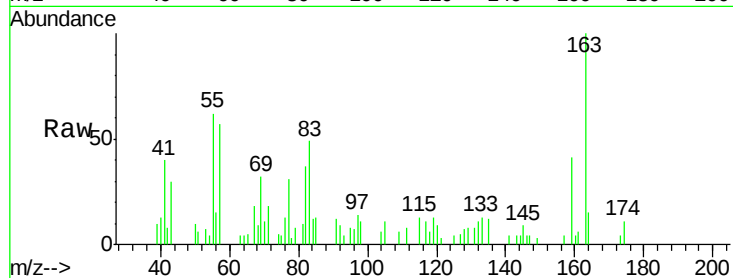




#49
Dimethylphthalate
Concen: 3.27 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

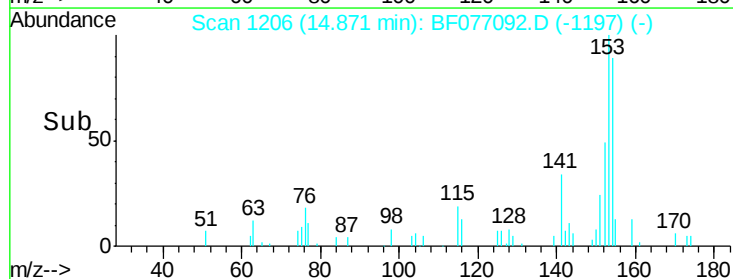
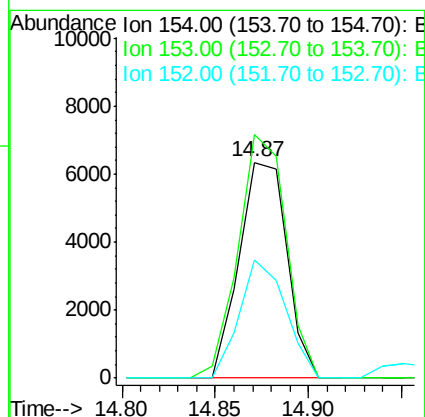
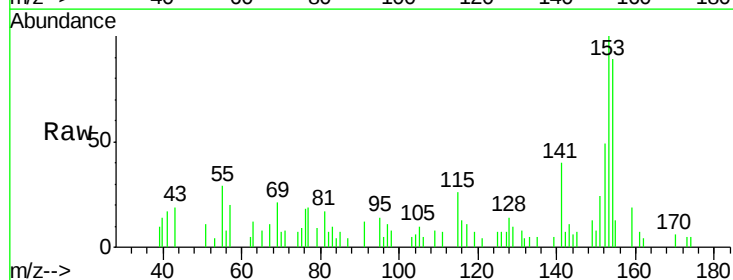
Instrument :
BNA_F
ClientSampleId :
104B3

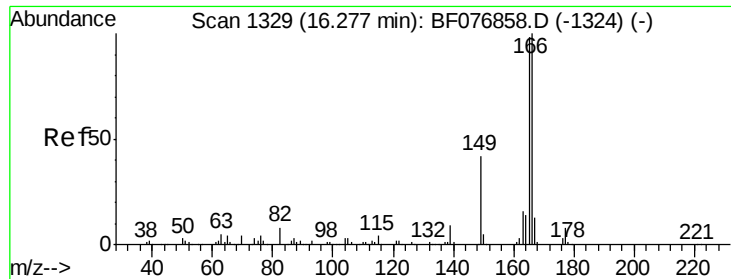
Tgt Ion:163 Resp: 14521
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 14.9 7.5 11.3#



#51
Acenaphthene
Concen: 3.08 ng
RT: 14.87 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Tgt Ion:154 Resp: 11256
Ion Ratio Lower Upper
154 100
153 113.0 87.0 130.6
152 55.0 43.5 65.3

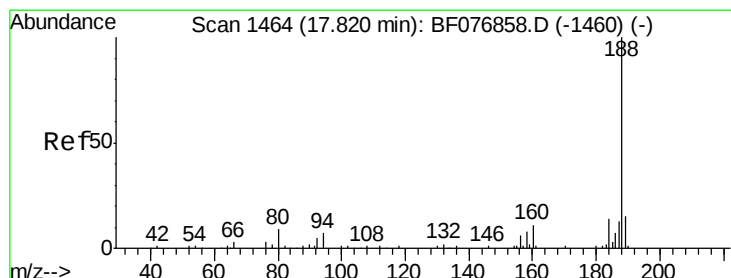
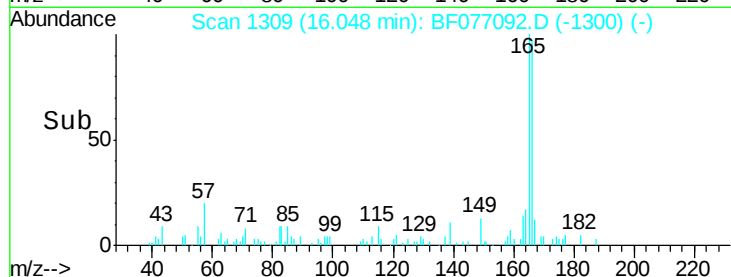
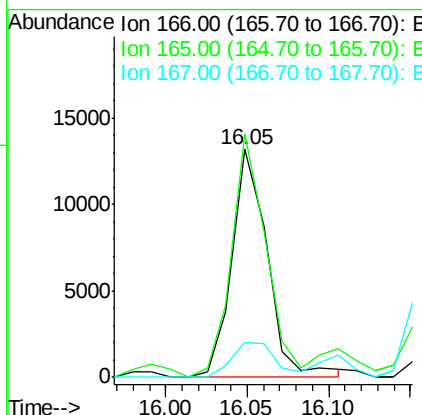
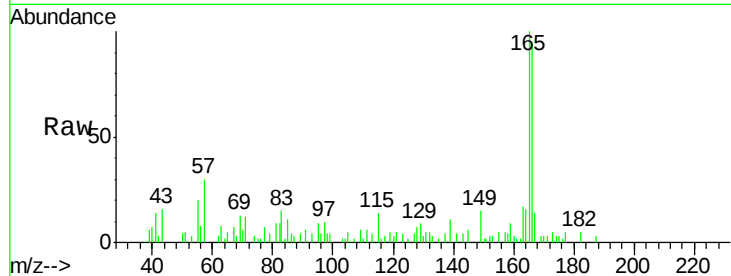




#57
Fluorene
 Concen: 4.42 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

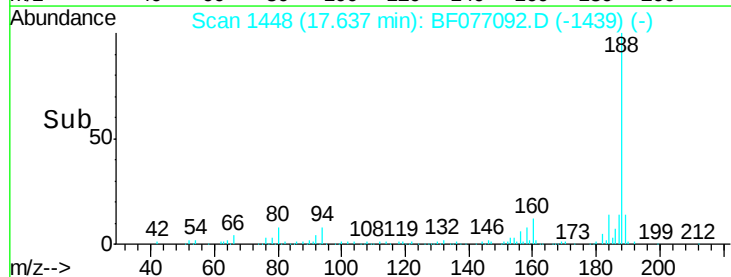
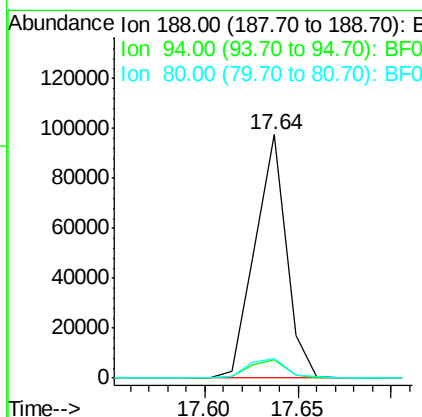
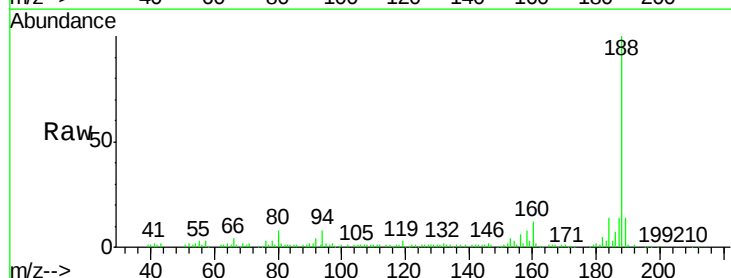
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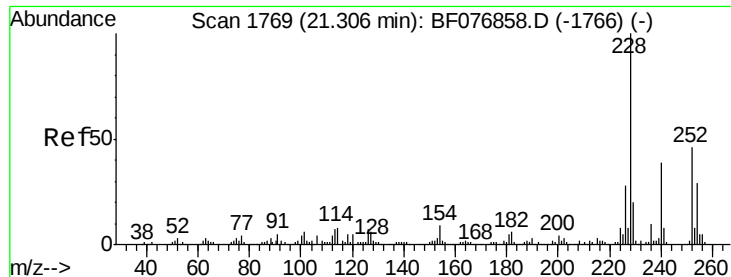
Tgt Ion:166 Resp: 19918
 Ion Ratio Lower Upper
 166 100
 165 106.7 78.5 117.7
 167 15.2 10.4 15.6



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Tgt Ion:188 Resp: 113587
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.0 9.0
 80 8.1 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.13 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

BNA_F

ClientSampleId :

104B3

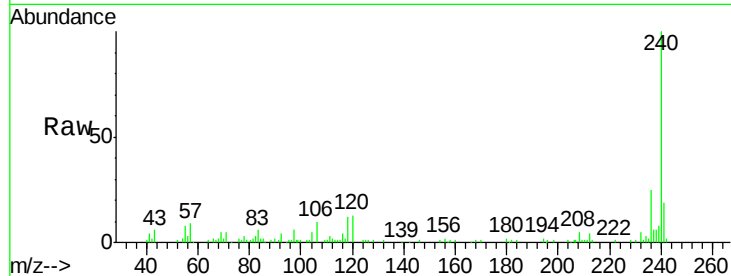
Tgt Ion:240 Resp: 112083

Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

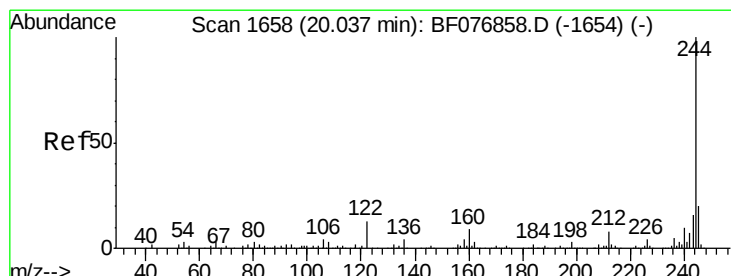
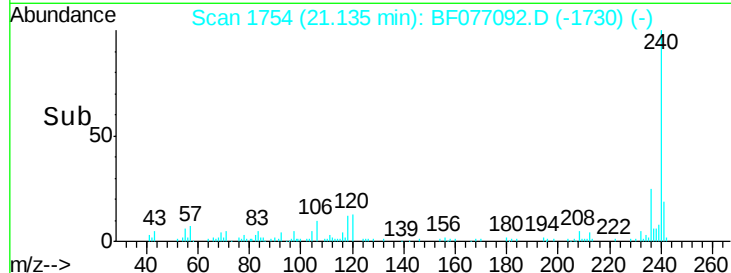
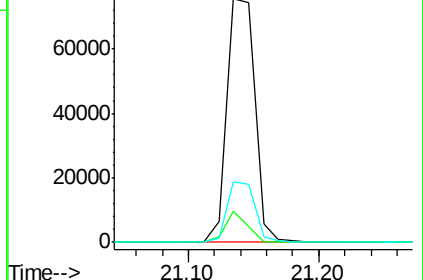
236 25.0 20.2 30.2



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: 65.90 ng

RT: 19.88 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

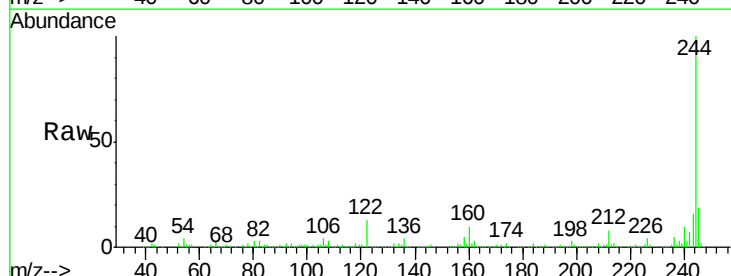
Tgt Ion:244 Resp: 320837

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

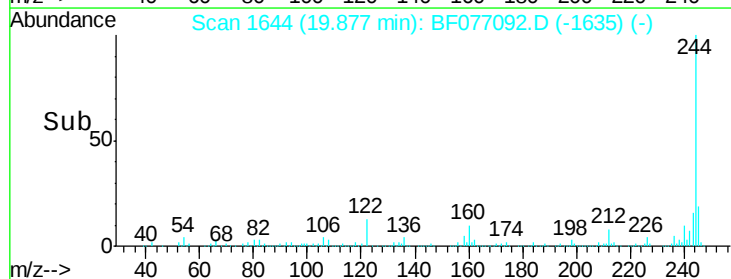
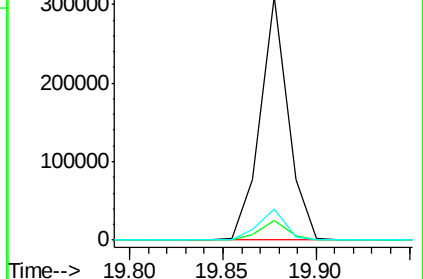
122 12.6 10.1 15.1

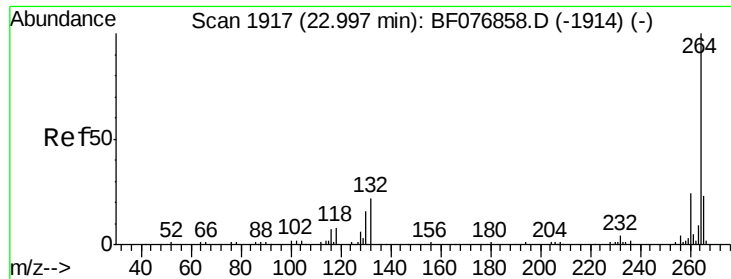


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.79 min Scan# 1899
Delta R.T. -0.17 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Instrument :
BNA_F
ClientSampleId :
104B3

Tgt Ion: 264 Resp: 111008
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 20.5 18.1 27.1

