

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077088.D
 Acq On : 27 Jan 2015 17:02
 Operator : TP/IZ
 Sample : PB81511TB
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81511TB

Quant Time: Jan 28 03:21:07 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	25425	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	107705	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	52746	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	101874	20.00	ng	0.00
75) Chrysene-d12	21.15	240	98218	20.00	ng	-0.01
86) Perylene-d12	22.91	264	91659	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	171964	111.20	ng	0.00
7) Phenol-d6	7.18	99	211506	108.42	ng	0.00
23) Nitrobenzene-d5	9.06	82	127934	65.81	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	50371	117.65	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	263260	75.95	ng	0.00
78) Terphenyl-d14	19.88	244	298034	69.86	ng	0.00

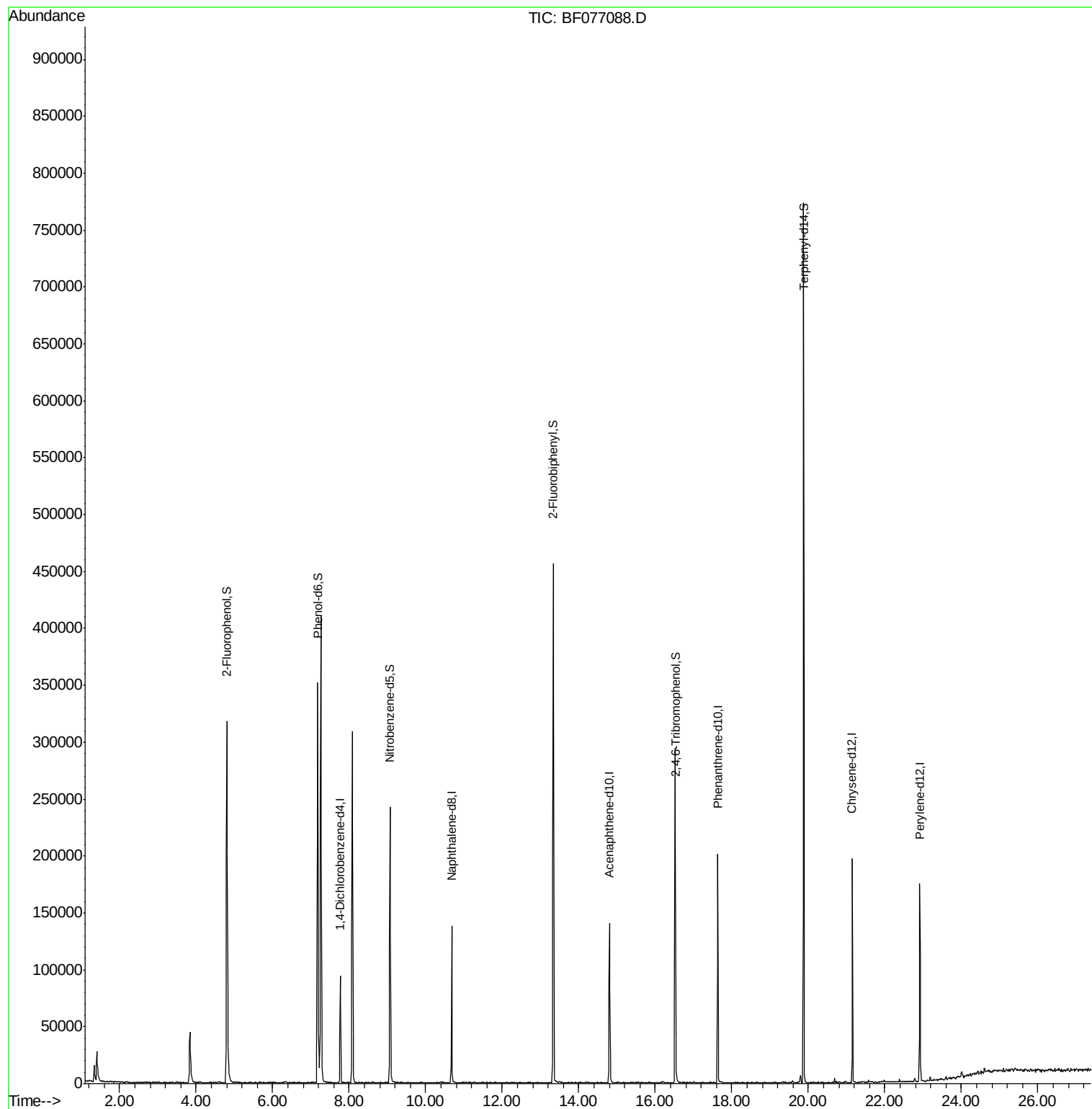
Target Compounds	Qvalue
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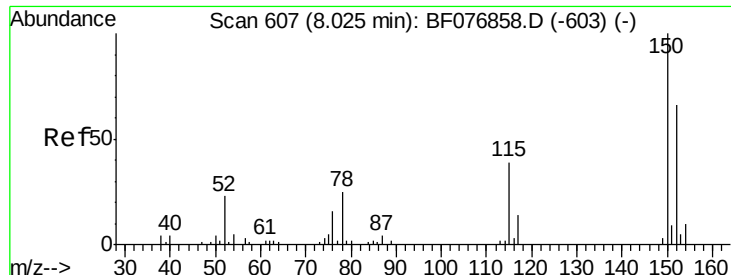
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077088.D

Acq: 27 Jan 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB81511TB

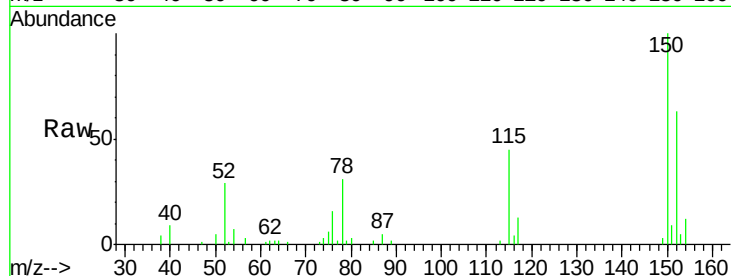
Tgt Ion:152 Resp: 25425

Ion Ratio Lower Upper

152 100

150 159.8 121.7 182.5

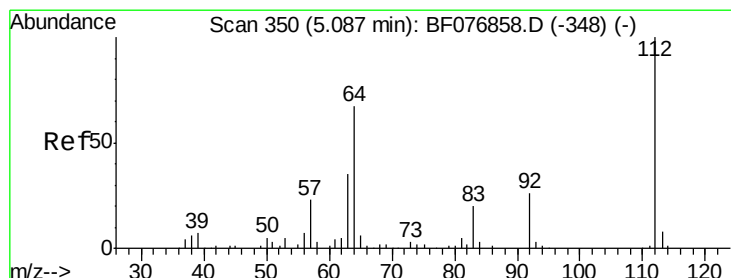
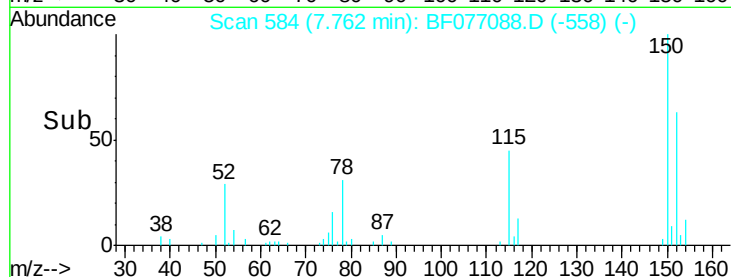
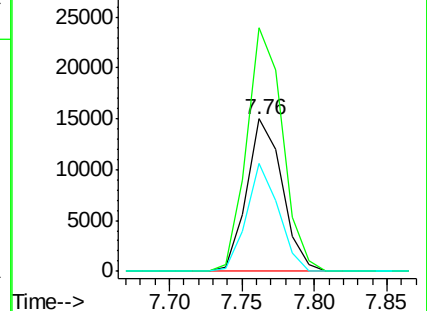
115 71.1 47.0 70.6#



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: 111.20 ng

RT: 4.80 min Scan# 325

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

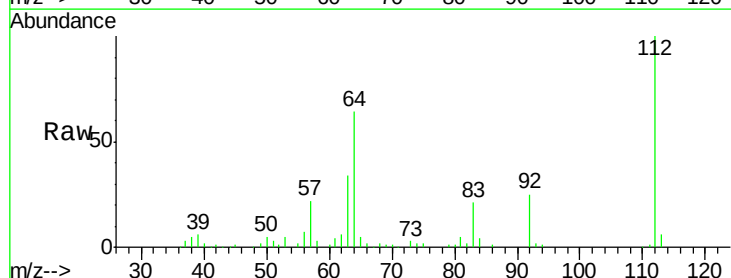
Tgt Ion:112 Resp: 171964

Ion Ratio Lower Upper

112 100

64 63.6 54.2 81.4

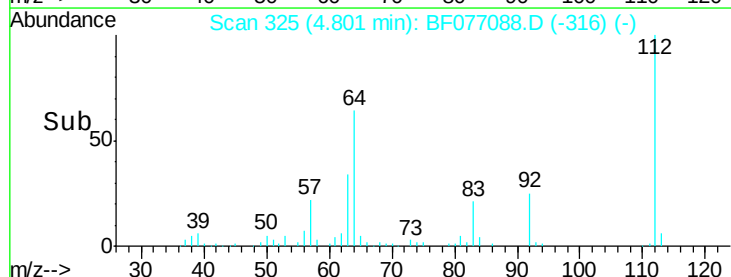
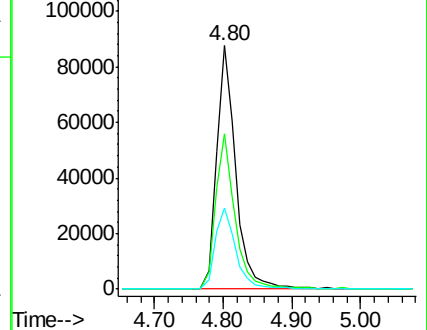
63 33.5 28.4 42.6

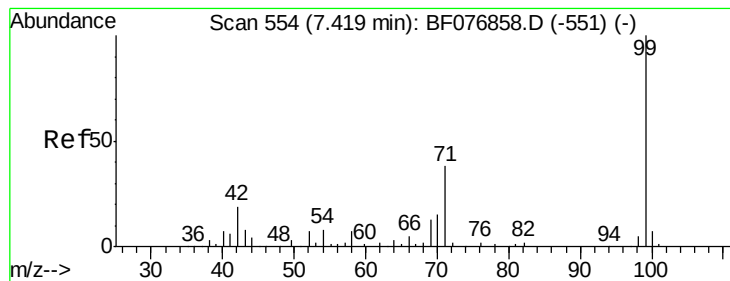


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.42 ng

RT: 7.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB81511TB

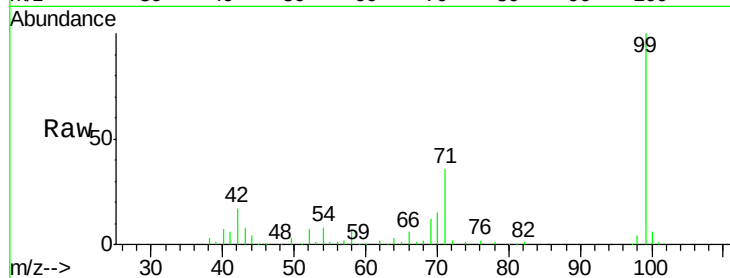
Tgt Ion: 99 Resp: 211506

Ion Ratio Lower Upper

99 100

42 17.0 15.0 22.4

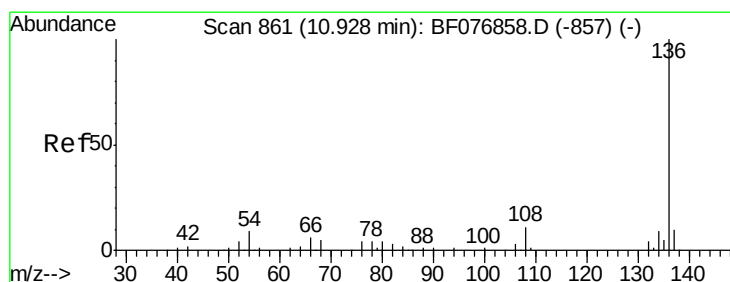
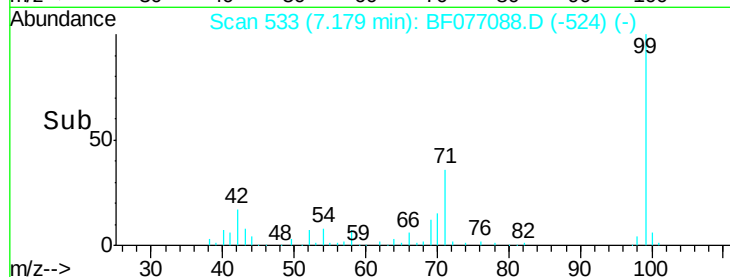
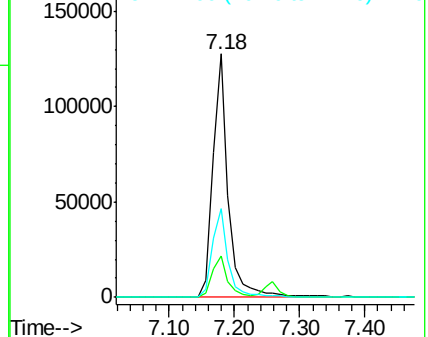
71 36.4 30.5 45.7



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: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Tgt Ion: 136 Resp: 107705

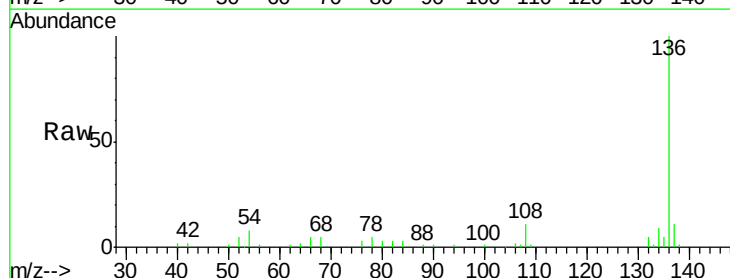
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 7.5 7.0 10.4

68 4.7 3.7 5.5

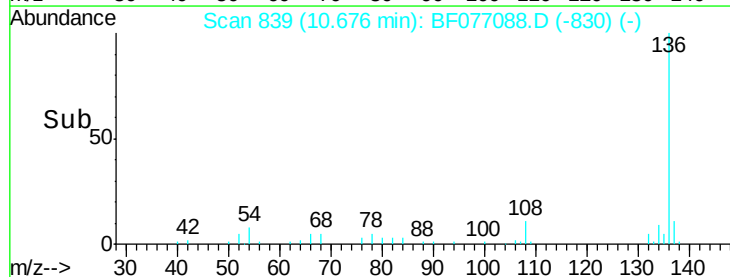
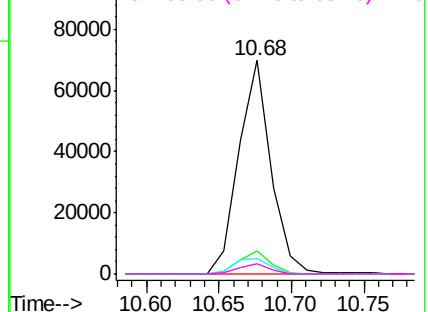


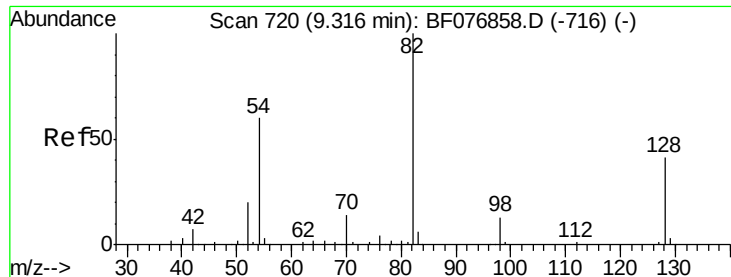
Abundance Ion 136.00 (135.70 to 136.70): E

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

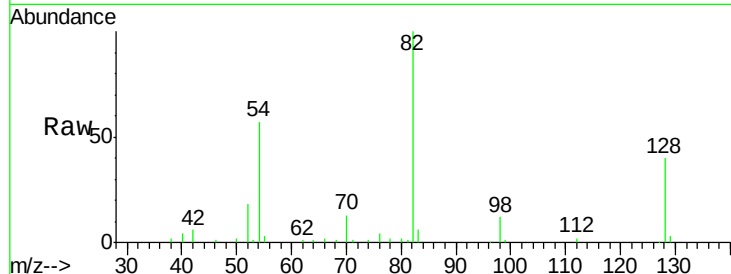




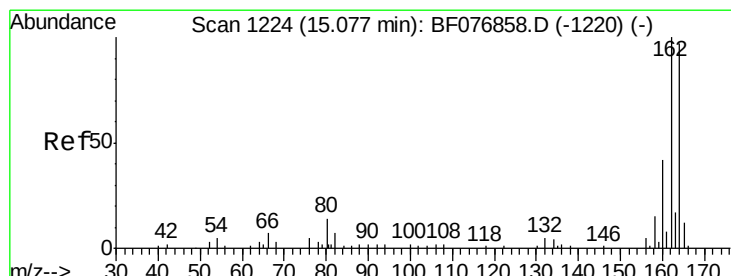
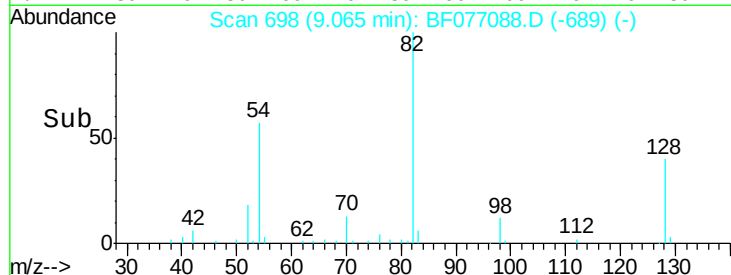
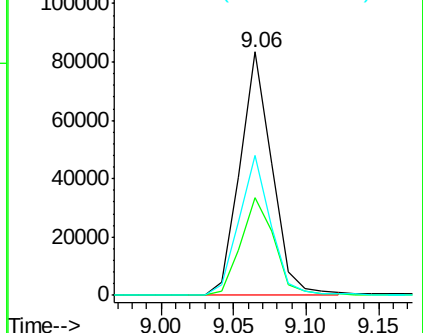
#23
 Nitrobenzene-d5
 Concen: 65.81 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB81511TB

Tgt Ion: 82 Resp: 127934
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.1 49.7
 54 57.4 48.3 72.5

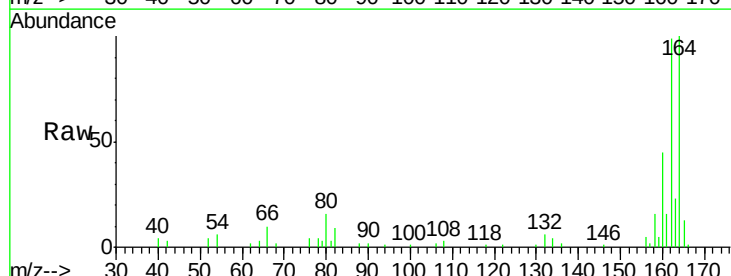


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

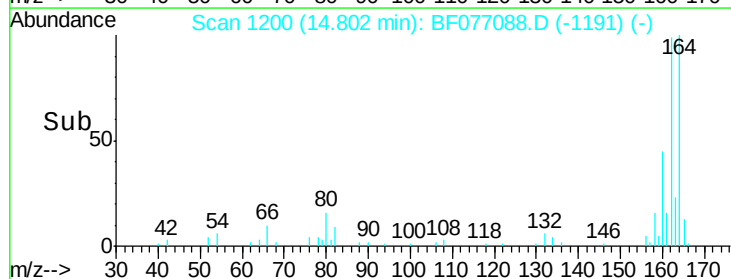
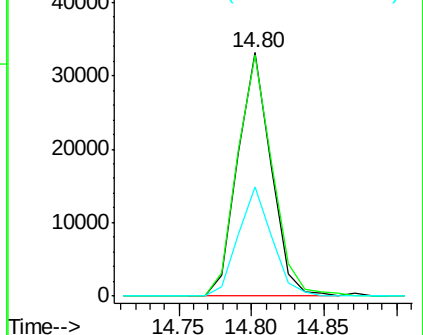


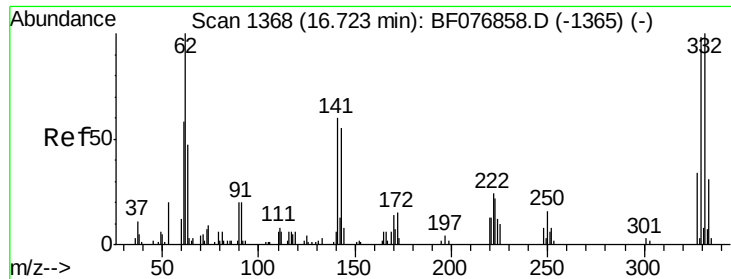
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Tgt Ion: 164 Resp: 52746
 Ion Ratio Lower Upper
 164 100
 162 99.1 82.4 123.6
 160 44.8 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: 117.65 ng

RT: 16.53 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB81511TB

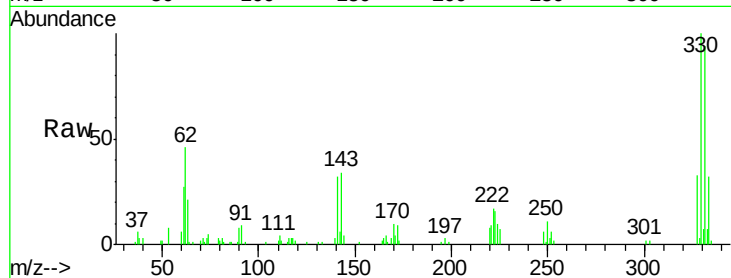
Tgt Ion:330 Resp: 50371

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

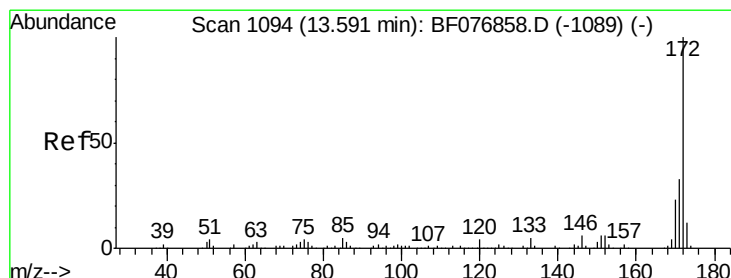
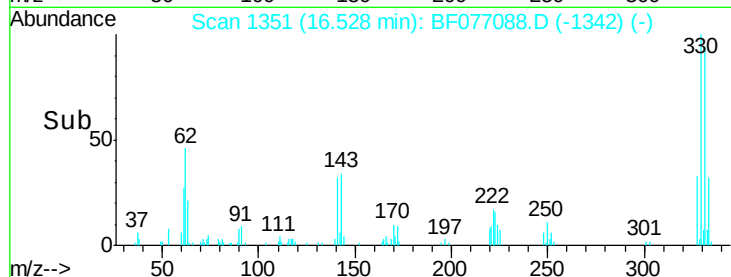
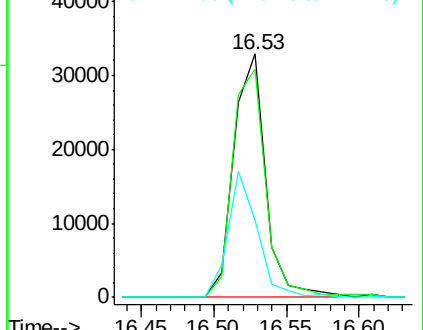
141 47.9 38.5 57.7



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: 75.95 ng

RT: 13.33 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

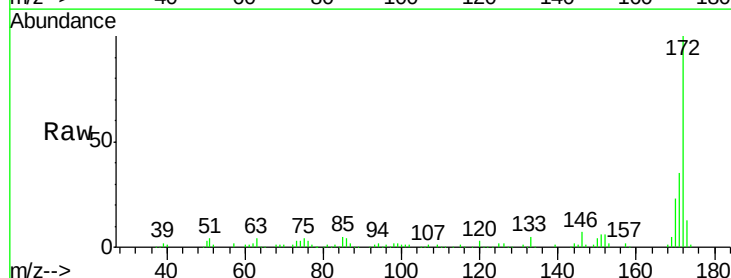
Tgt Ion:172 Resp: 263260

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

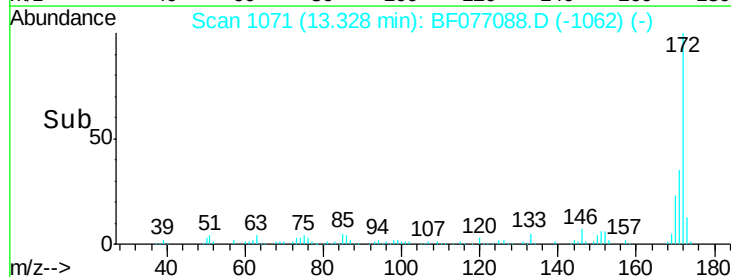
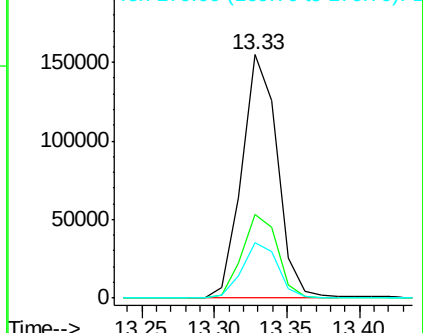
170 22.9 18.0 27.0

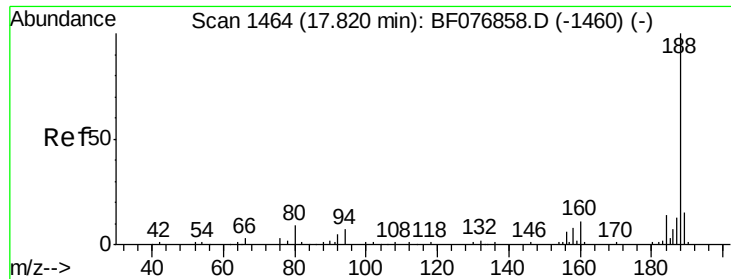


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Instrument :

BNA_F

ClientSampled :

PB81511TB

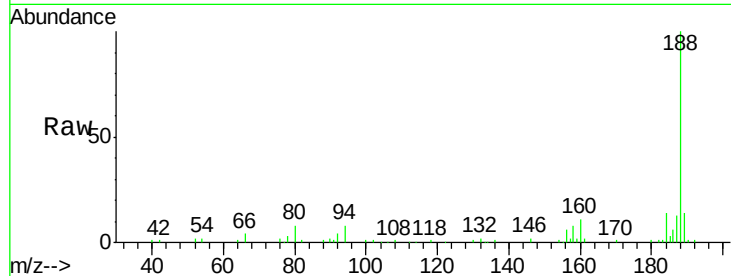
Tgt Ion:188 Resp: 101874

Ion Ratio Lower Upper

188 100

94 8.3 6.0 9.0

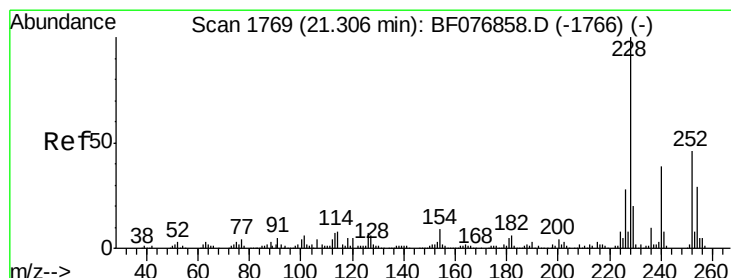
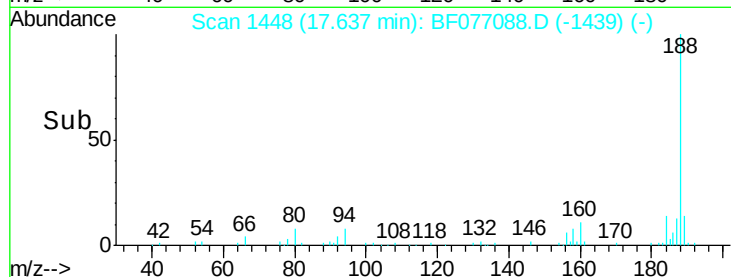
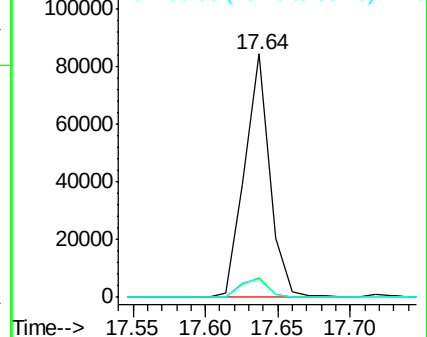
80 7.8 6.9 10.3



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: 21.15 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

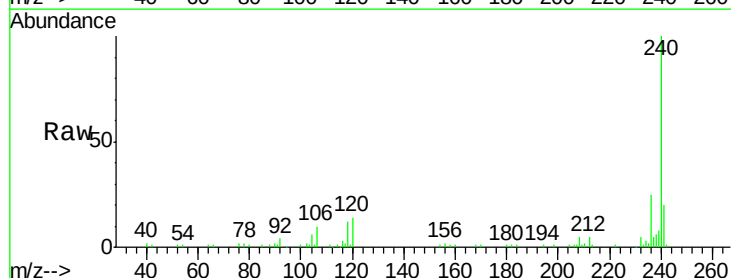
Tgt Ion:240 Resp: 98218

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

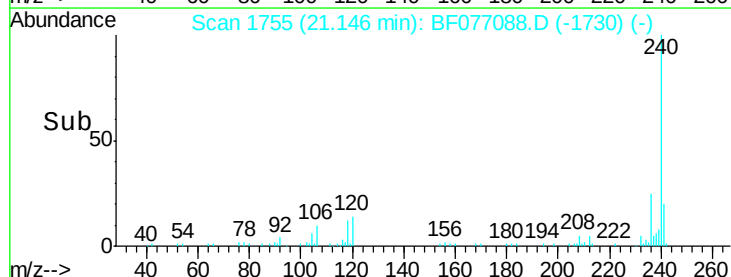
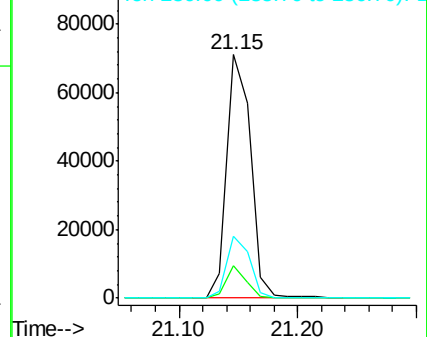
236 25.2 20.2 30.2

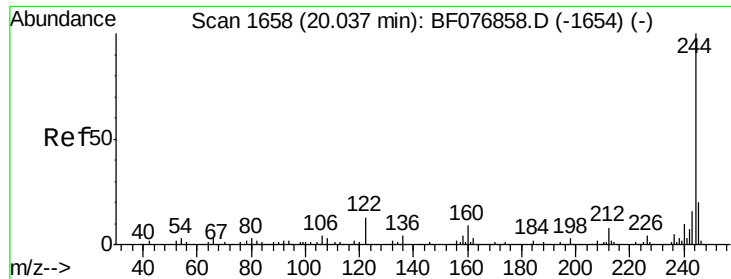


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

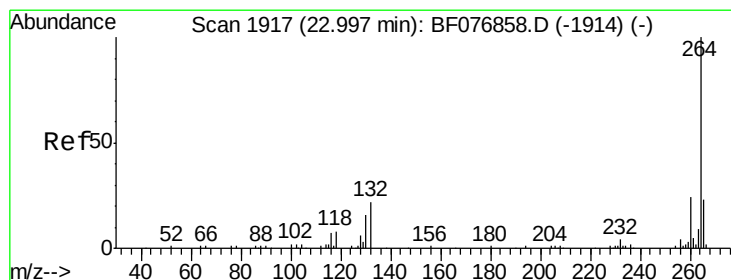
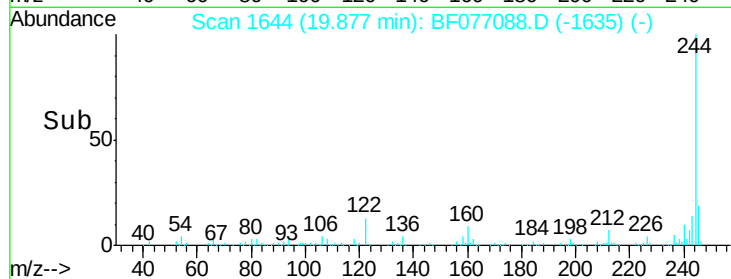
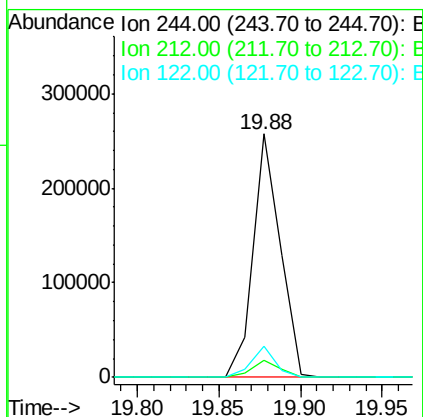
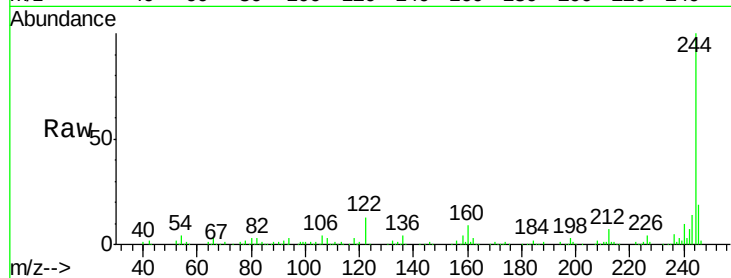




#78
 Terphenyl-d14
 Concen: 69.86 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB81511TB

Tgt Ion:244 Resp: 298034
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 13.0 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.91 min Scan# 1909
 Delta R.T. -0.06 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Tgt Ion:264 Resp: 91659
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.4 18.1 27.1

