

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077203.D
 Acq On : 6 Feb 2015 15:44
 Operator : TP/IZ
 Sample : PB81636BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BL

Quant Time: Feb 06 22:53:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:20:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	25808	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	108015	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	52616	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	102311	20.00	ng	0.00
75) Chrysene-d12	21.05	240	98792	20.00	ng	0.00
86) Perylene-d12	22.74	264	90019	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	172625	109.97	ng	0.00
7) Phenol-d6	7.05	99	218448	110.32	ng	-0.01
23) Nitrobenzene-d5	8.94	82	129329	66.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	50264	117.69	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	276649	80.01	ng	0.00
78) Terphenyl-d14	19.79	244	328749	76.61	ng	0.00

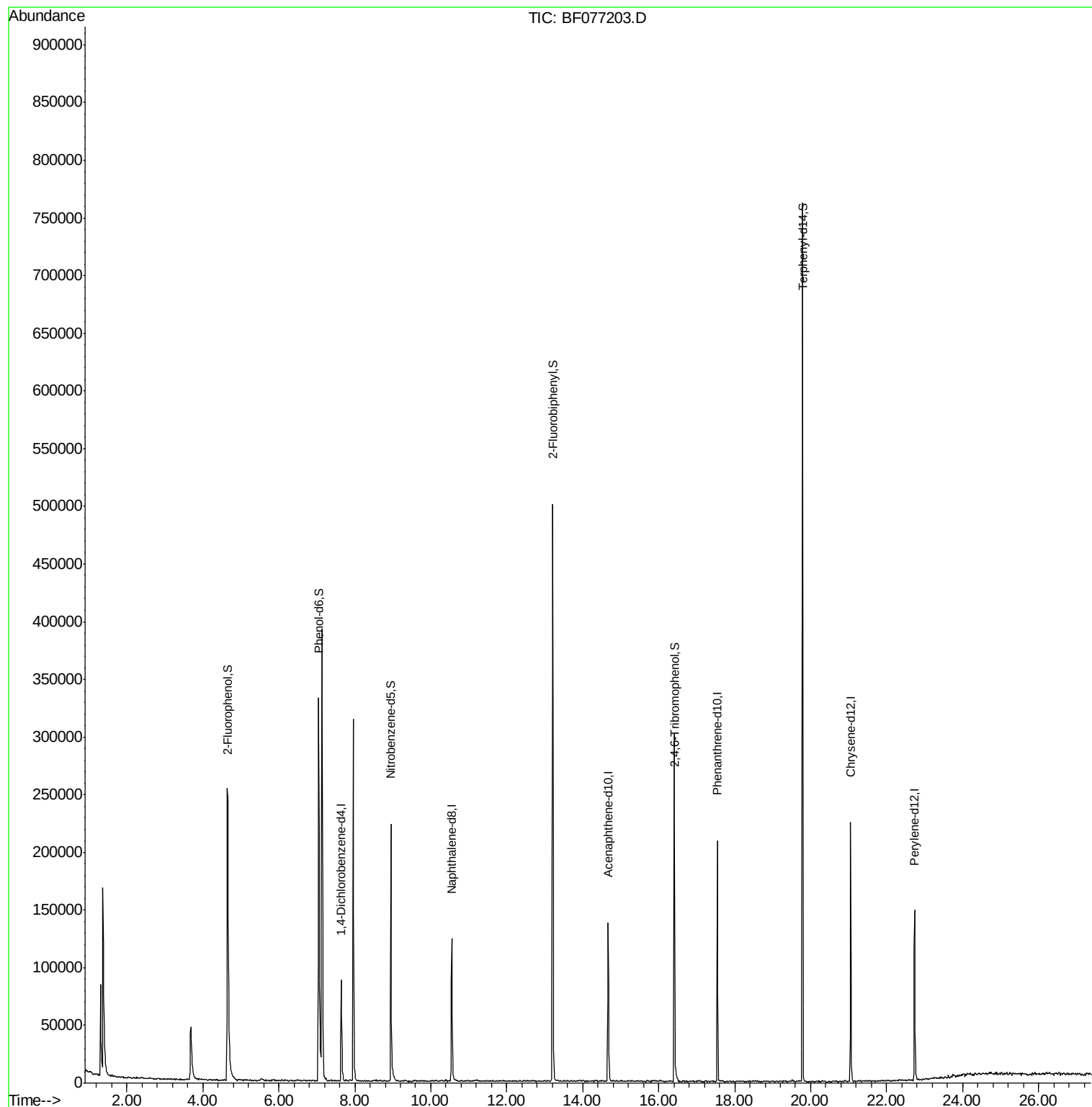
Target Compounds	Qvalue
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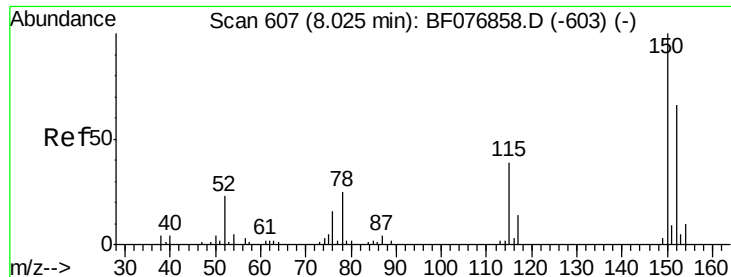
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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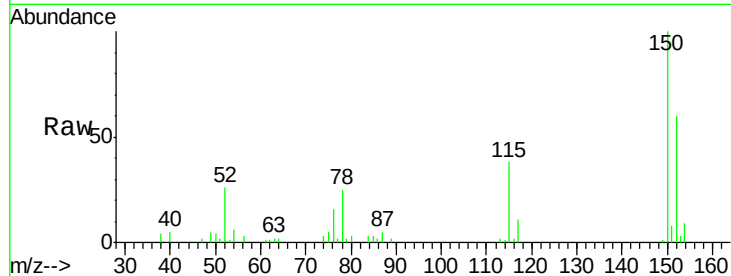




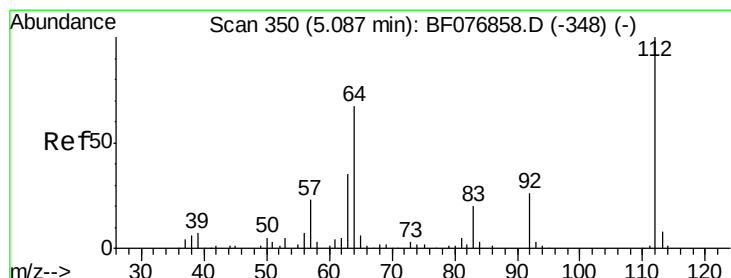
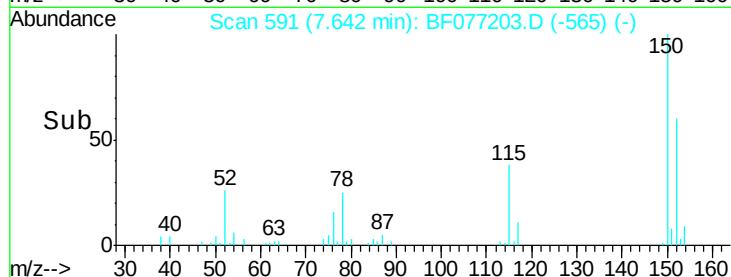
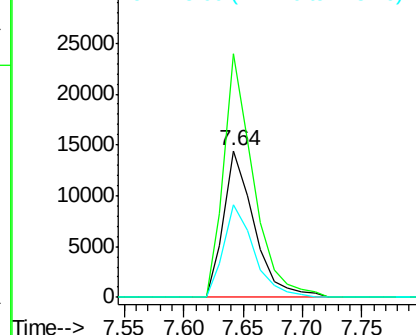
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.64 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BL

Tgt Ion:152 Resp: 25808
 Ion Ratio Lower Upper
 152 100
 150 165.7 121.7 182.5
 115 62.8 47.0 70.6

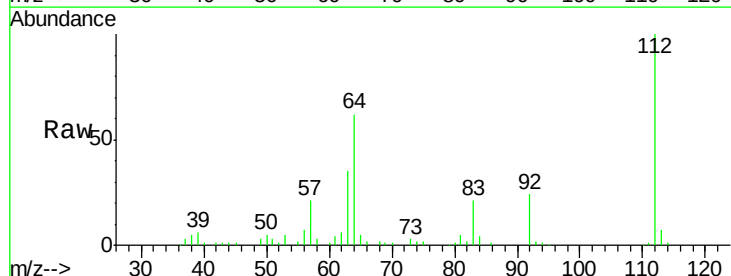


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

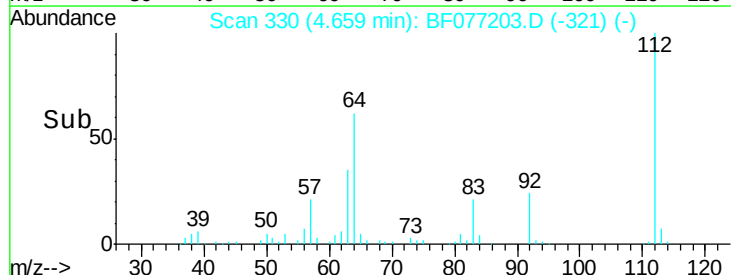
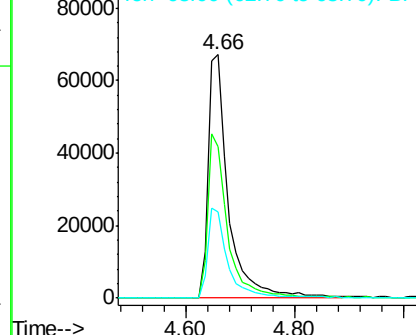


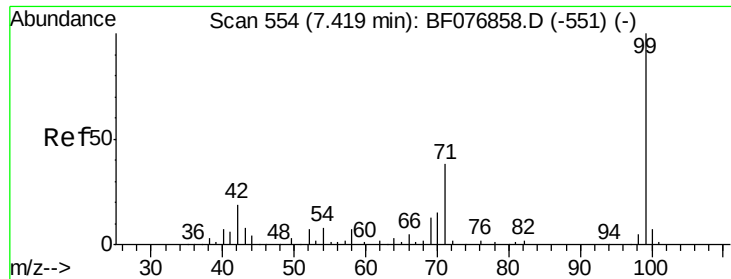
#5
 2-Fluorophenol
 Concen: 109.97 ng
 RT: 4.66 min Scan# 330
 Delta R.T. 0.00 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

Tgt Ion:112 Resp: 172625
 Ion Ratio Lower Upper
 112 100
 64 62.2 54.2 81.4
 63 35.2 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: 110.32 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Instrument :

BNA_F

ClientSampleId :

PB81636BL

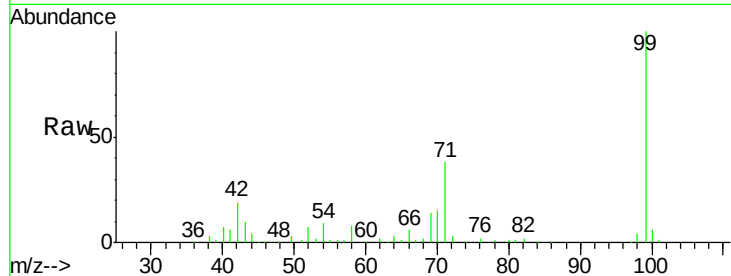
Tgt Ion: 99 Resp: 218448

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

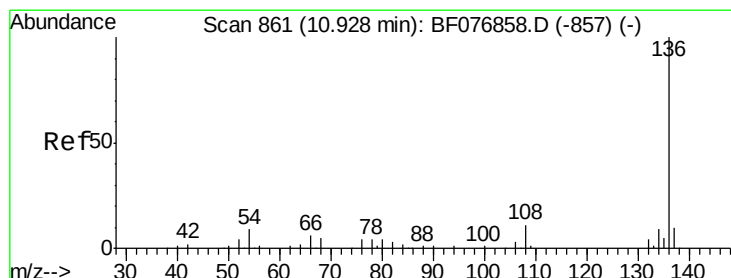
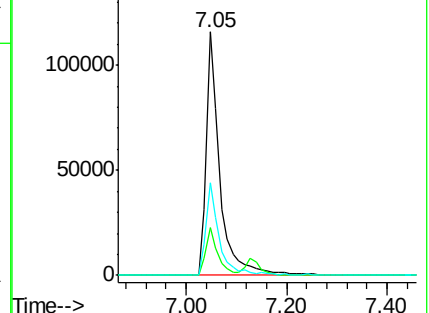
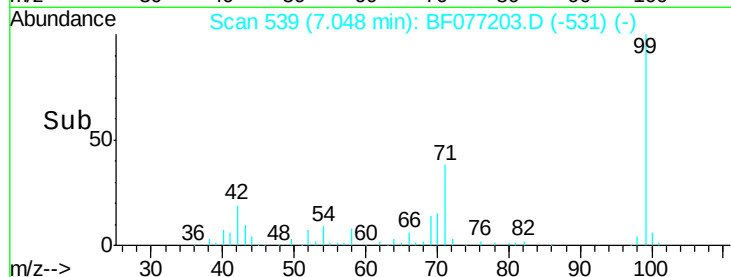
71 37.8 30.5 45.7



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: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Tgt Ion: 136 Resp: 108015

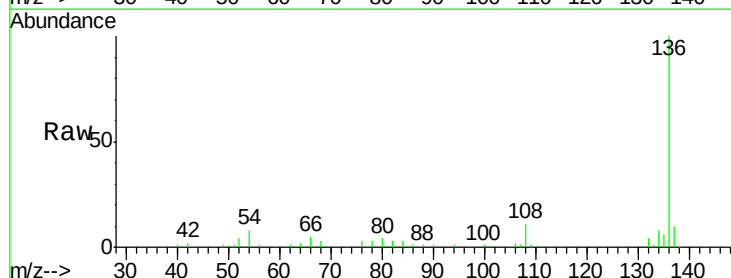
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 7.9 7.0 10.4

68 3.5 3.7 5.5#

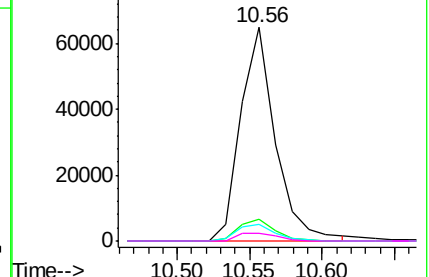
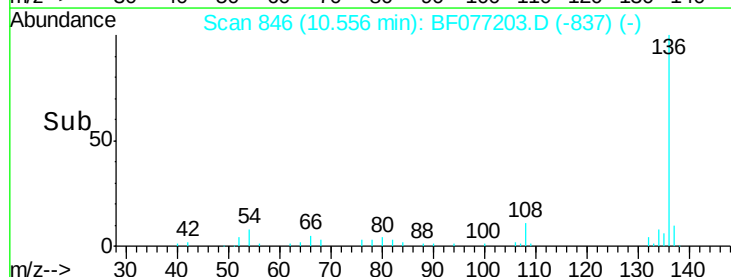


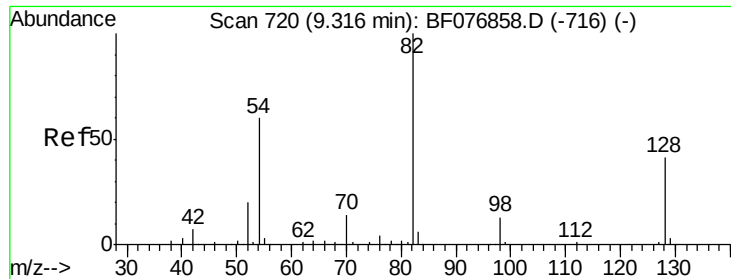
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.33 ng

RT: 8.94 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Instrument :

BNA_F

ClientSampleID :

PB81636BL

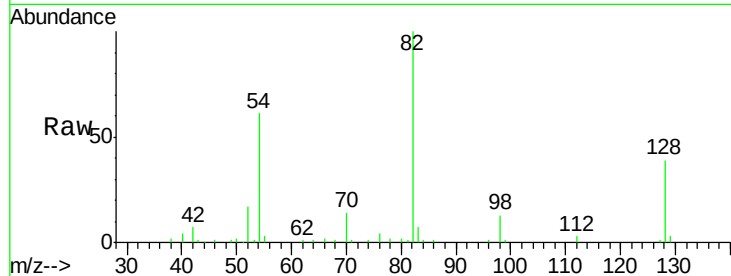
Tgt Ion: 82 Resp: 129329

Ion Ratio Lower Upper

82 100

128 39.0 33.1 49.7

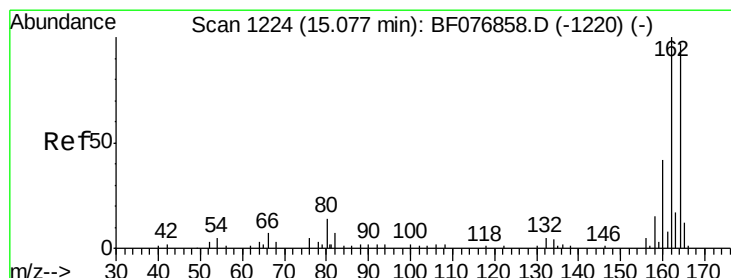
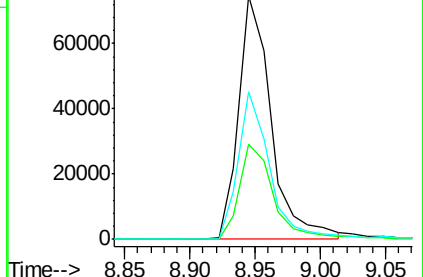
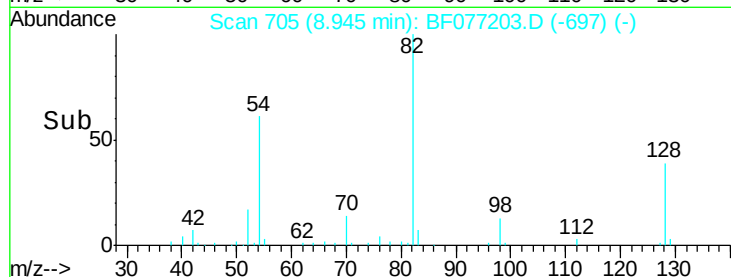
54 60.7 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF077203.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BF077203.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BF077203.D (-697) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

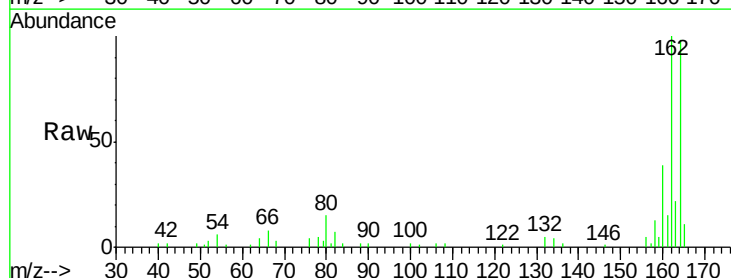
Tgt Ion: 164 Resp: 52616

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

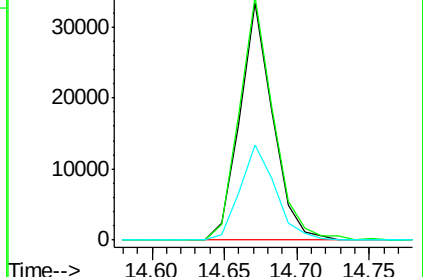
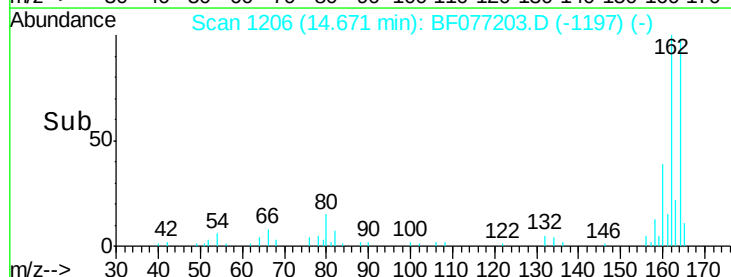
160 40.1 34.8 52.2

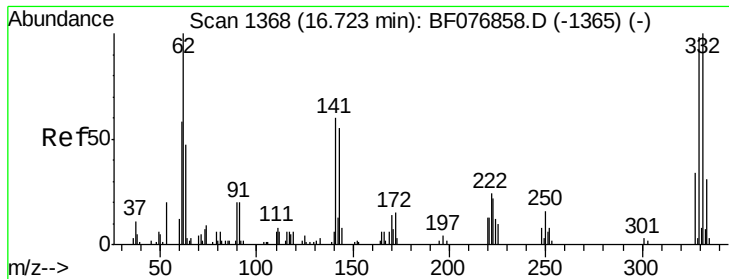


Abundance Ion 164.00 (163.70 to 164.70): BF077203.D (-1197) (-)

Ion 162.00 (161.70 to 162.70): BF077203.D (-1197) (-)

Ion 160.00 (159.70 to 160.70): BF077203.D (-1197) (-)





#41

2,4,6-Tribromophenol

Concen: 117.69 ng

RT: 16.42 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Instrument :

BNA_F

ClientSampleId :

PB81636BL

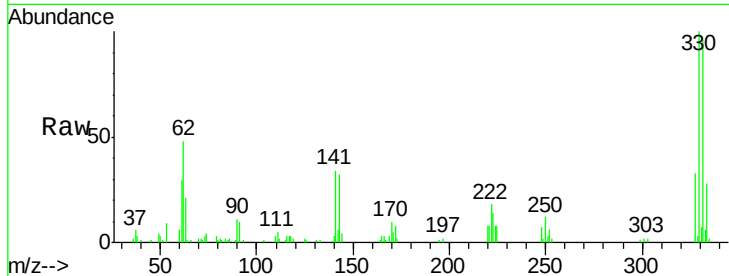
Tgt Ion:330 Resp: 50264

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

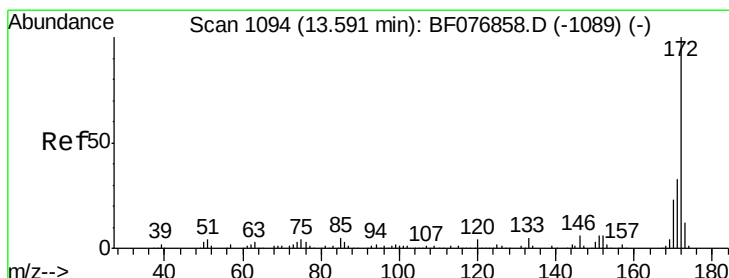
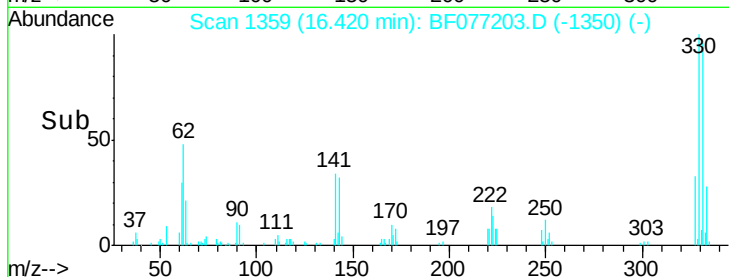
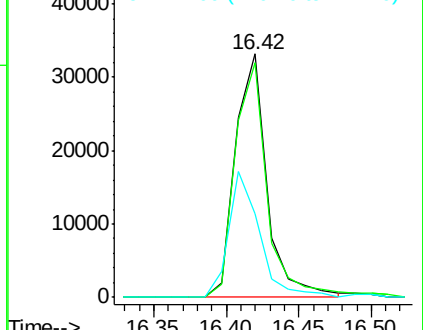
141 50.6 38.5 57.7



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: 80.01 ng

RT: 13.21 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

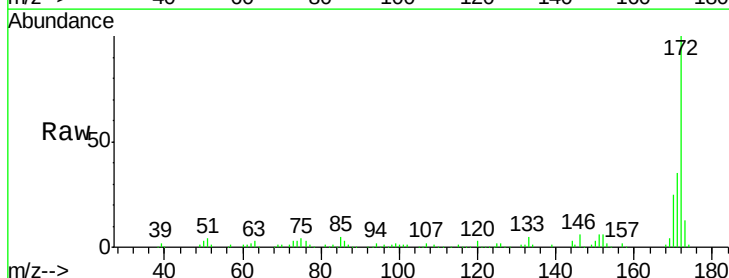
Tgt Ion:172 Resp: 276649

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

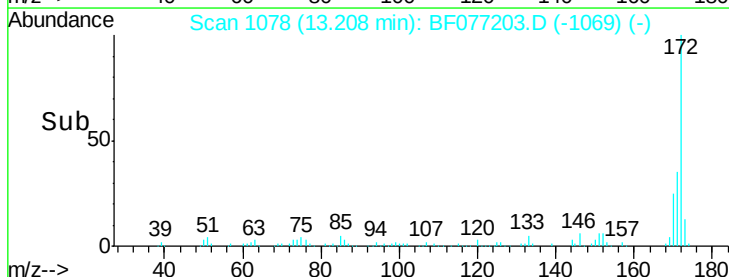
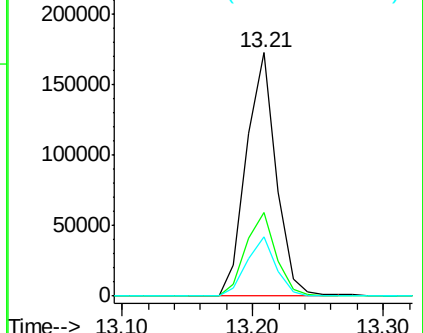
170 24.5 18.0 27.0

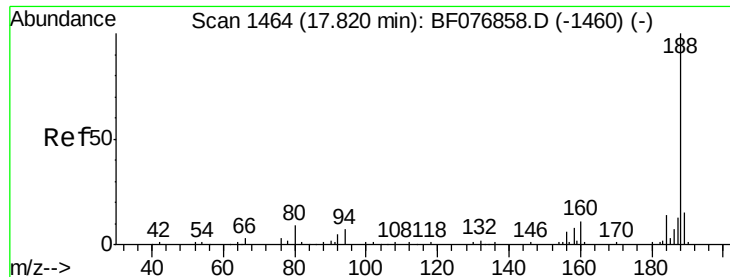


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

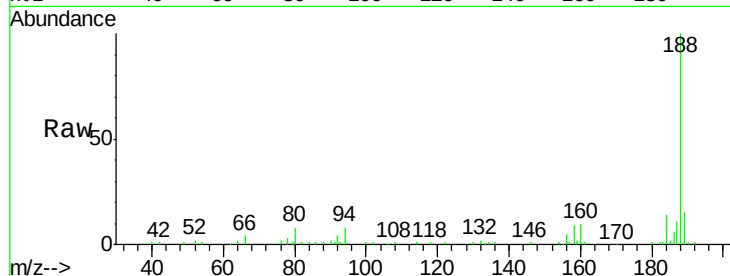




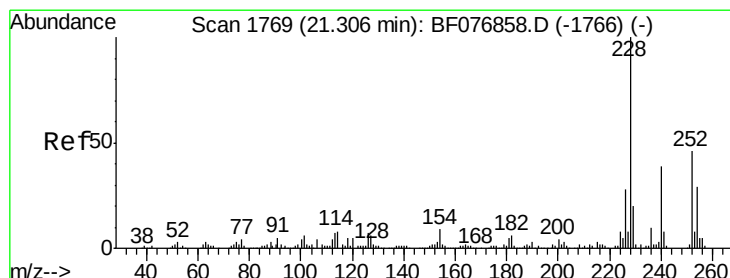
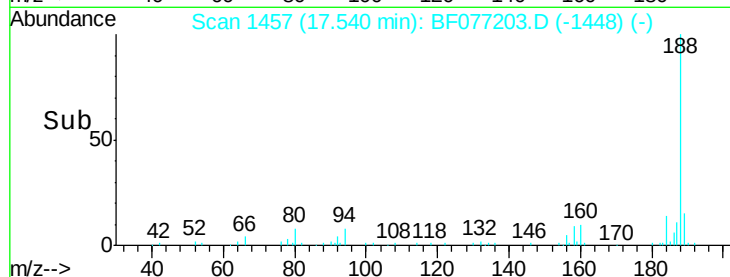
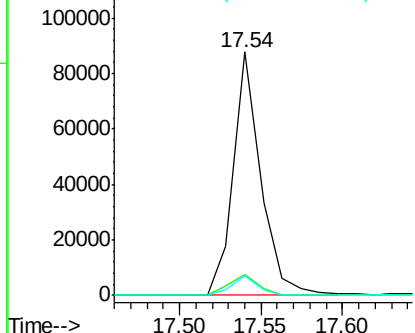
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BL

Tgt Ion:188 Resp: 102311
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.0 9.0
 80 8.0 6.9 10.3

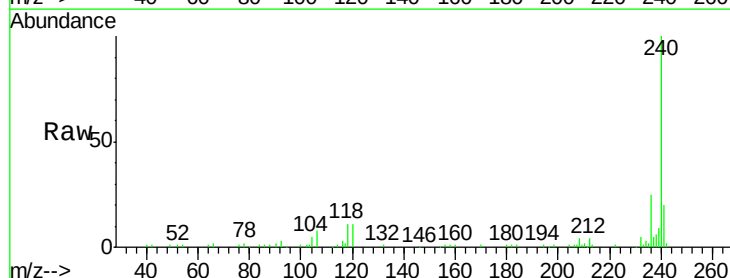


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

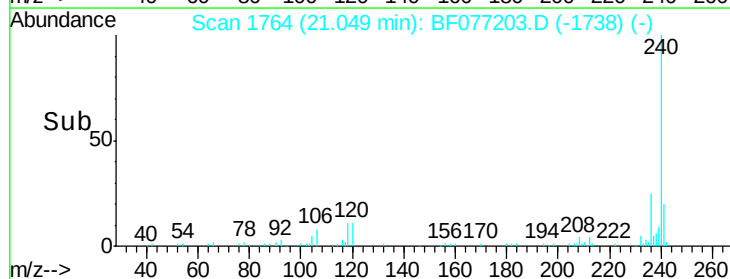
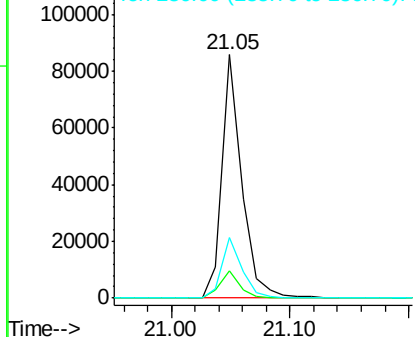


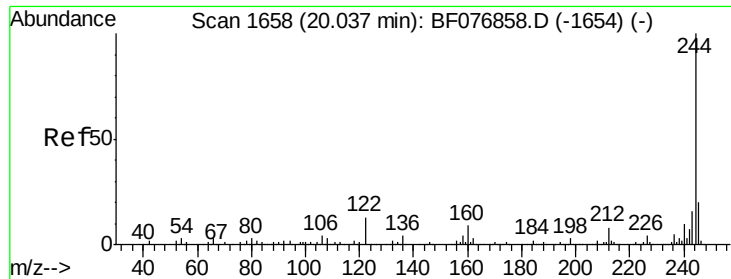
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

Tgt Ion:240 Resp: 98792
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.4 15.6
 236 24.8 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: 76.61 ng

RT: 19.79 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Instrument :

BNA_F

ClientSampleId :

PB81636BL

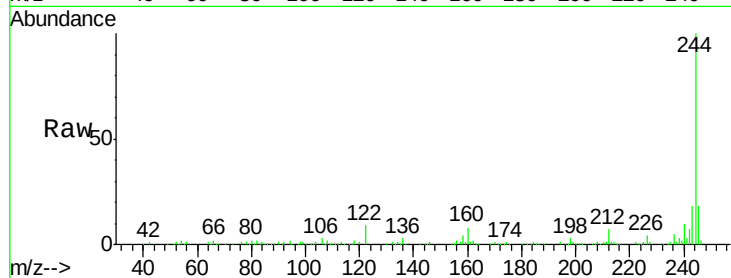
Tgt Ion:244 Resp: 328749

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

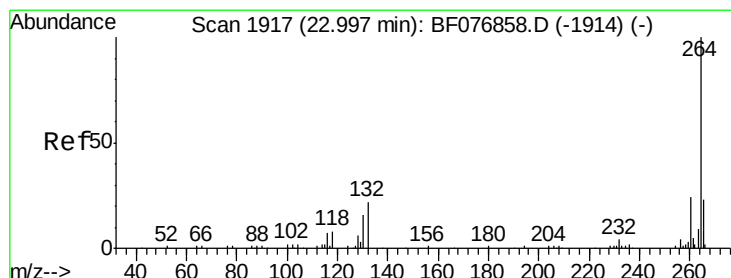
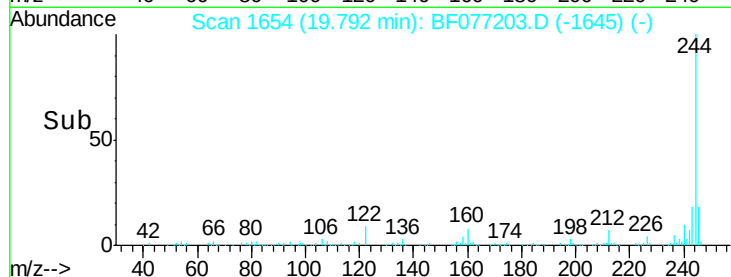
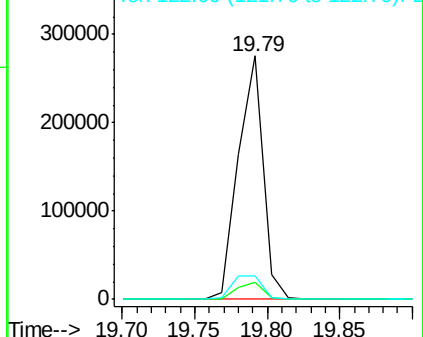
122 9.4 10.1 15.1#



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: 22.74 min Scan# 1912

Delta R.T. 0.03 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

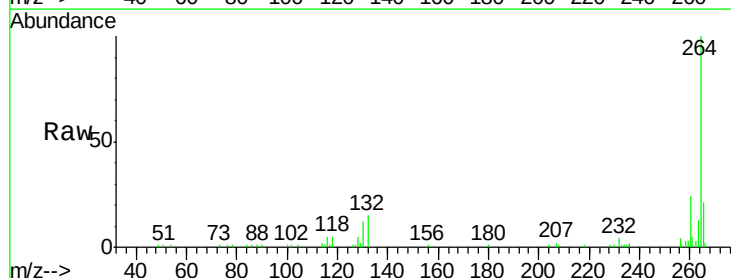
Tgt Ion:264 Resp: 90019

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.5 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

