

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078722.D
 Acq On : 22 Apr 2015 18:31
 Operator : TP/IZ
 Sample : G1972-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-115-42115

Quant Time: Apr 23 01:24:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	22784	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	93656	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	50149	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	106323	20.00	ng	0.00
75) Chrysene-d12	17.74	240	124468	20.00	ng	0.00
86) Perylene-d12	19.43	264	123471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	74704	54.06	ng	0.00
7) Phenol-d6	5.29	99	56022	32.35	ng	0.00
23) Nitrobenzene-d5	6.73	82	142982	92.54	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	66027	158.75	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	310247	88.43	ng	0.00
78) Terphenyl-d14	16.40	244	426309	77.39	ng	0.00

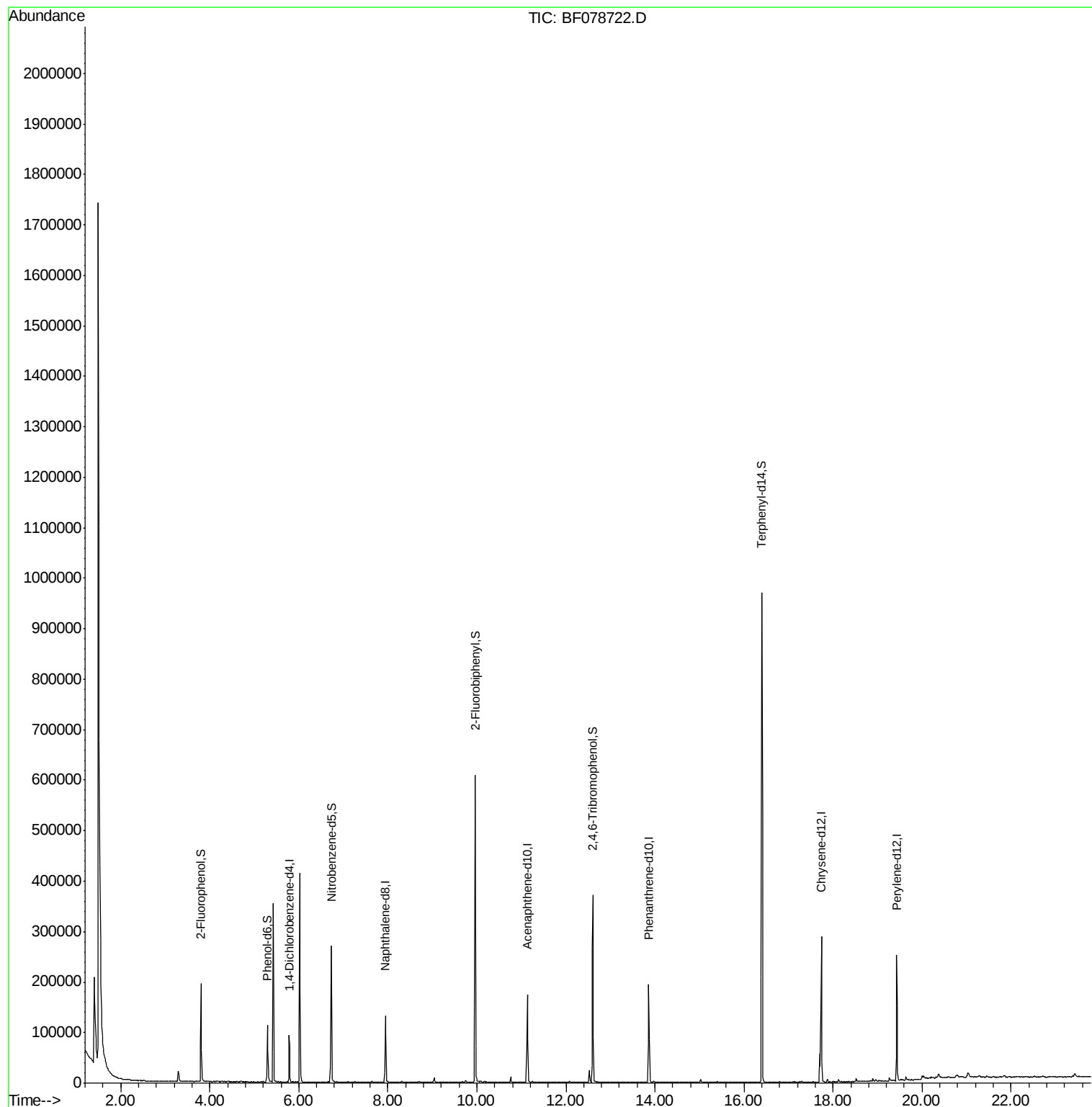
Target Compounds Qvalue

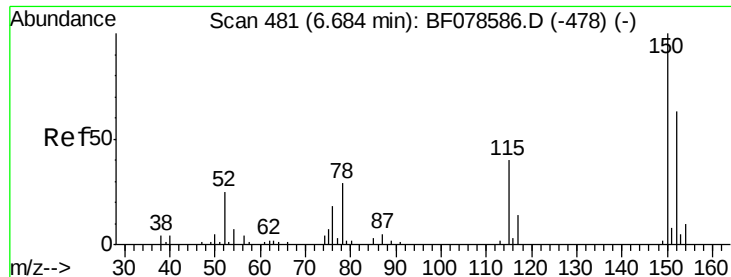
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.78 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115-42115

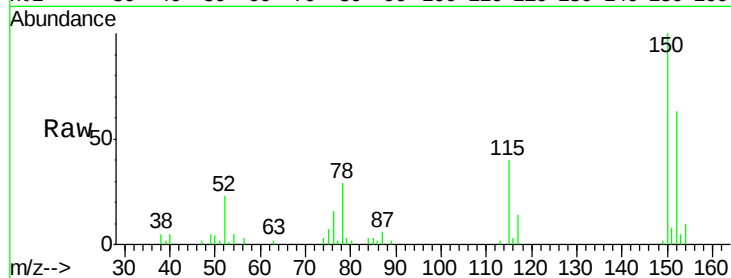
Tot Ion:152 Resp: 22784

Ion Ratio Lower Upper

152 100

150 159.2 125.9 188.9

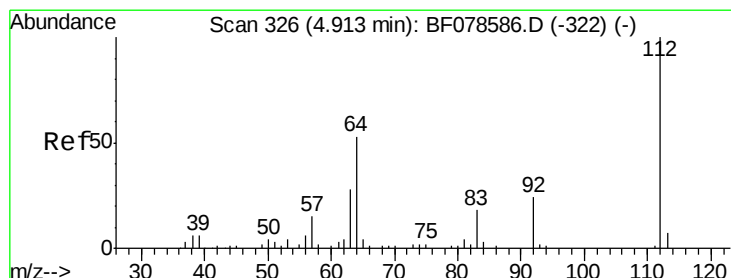
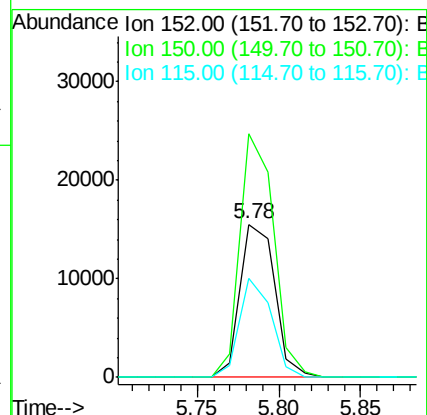
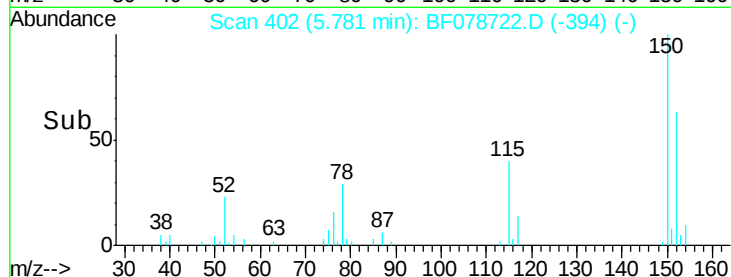
115 64.5 52.7 79.1



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: 54.06 ng

RT: 3.80 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

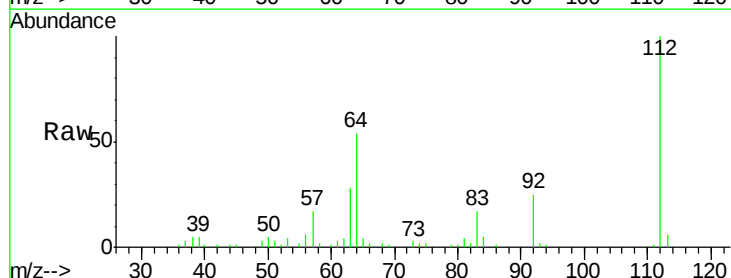
Tgt Ion:112 Resp: 74704

Ion Ratio Lower Upper

112 100

64 54.3 39.9 59.9

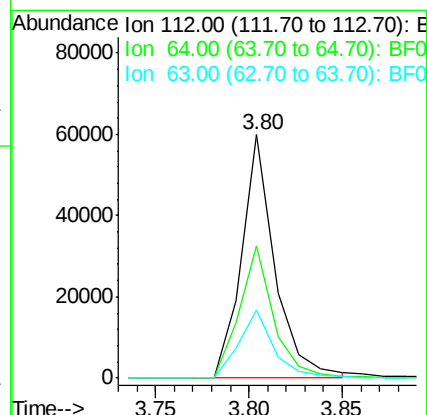
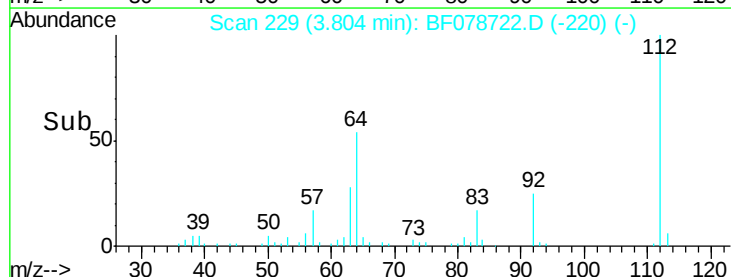
63 27.8 20.2 30.4

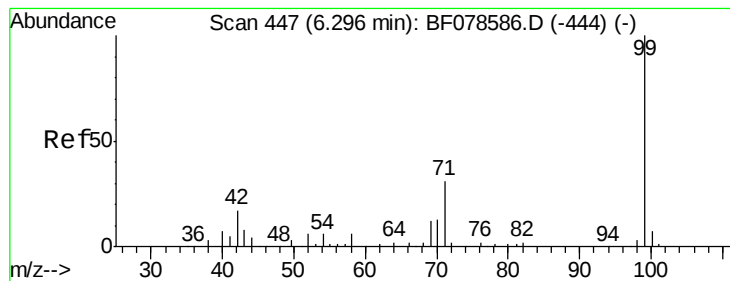


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.35 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115-42115

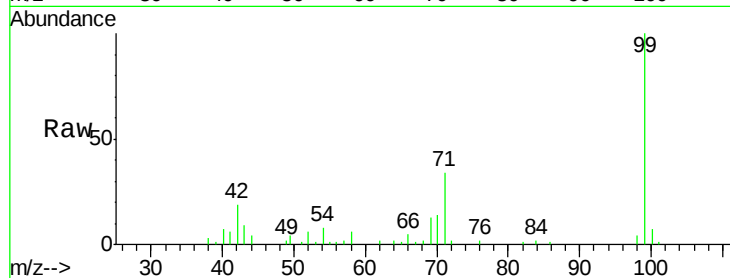
Tot Ion: 99 Resp: 56022

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

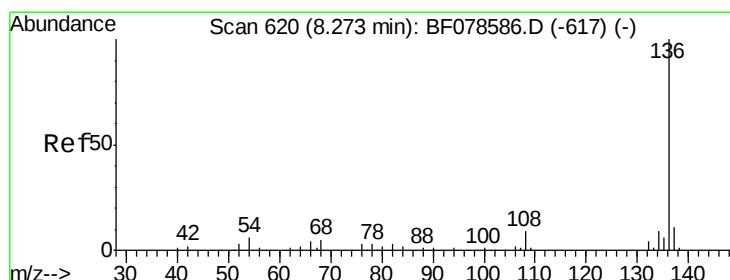
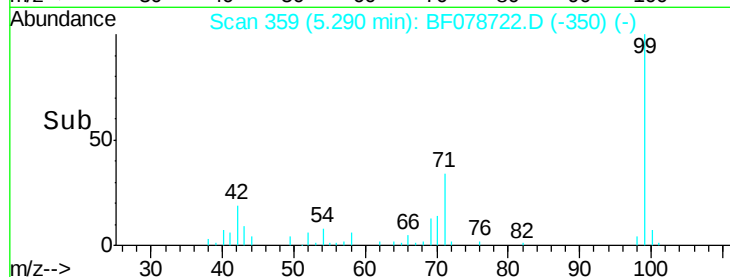
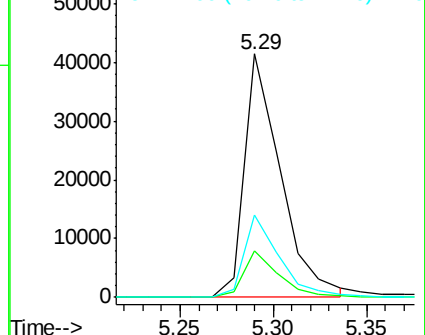
71 33.9 26.6 39.8



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: 7.94 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

Tgt Ion: 136 Resp: 93656

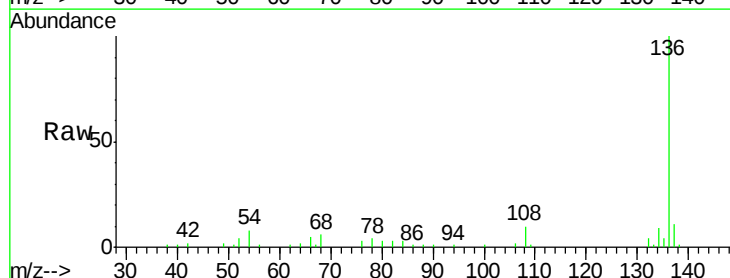
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.2 7.0 10.6

68 6.3 5.4 8.2

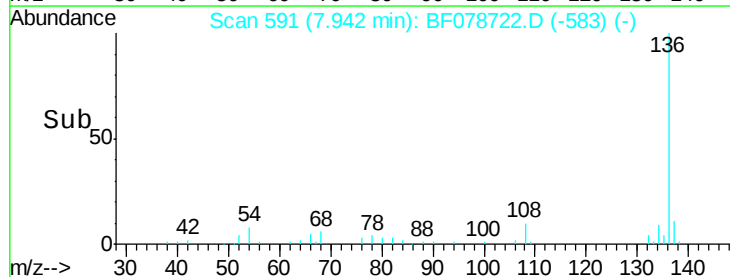
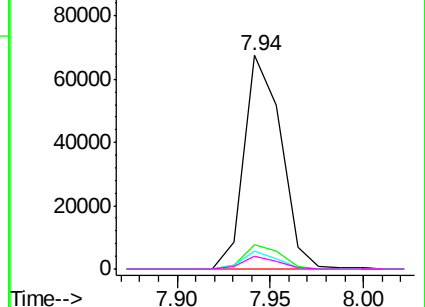


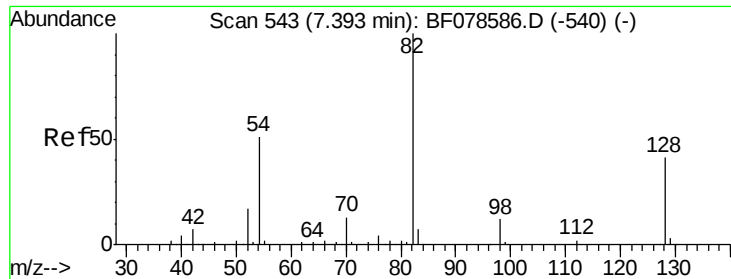
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.54 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115-42115

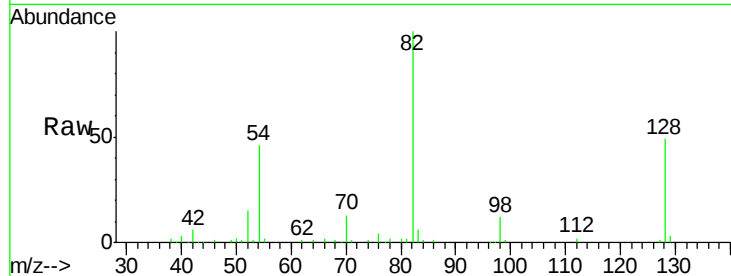
Tot Ion: 82 Resp: 142982

Ion Ratio Lower Upper

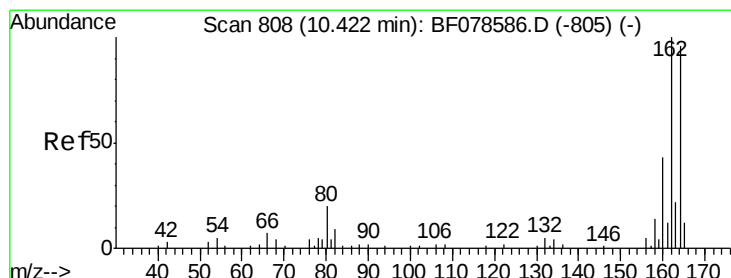
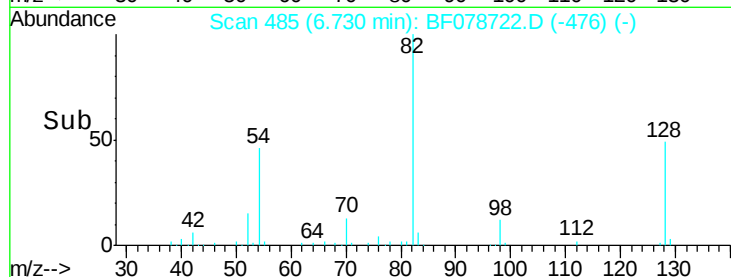
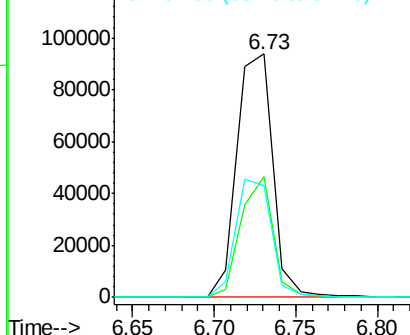
82 100

128 49.3 31.8 47.8#

54 46.0 41.5 62.3



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: 11.13 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

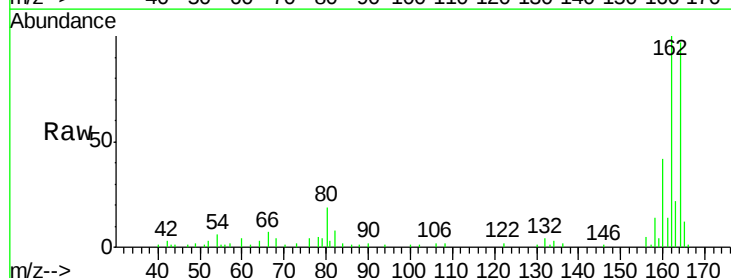
Tgt Ion:164 Resp: 50149

Ion Ratio Lower Upper

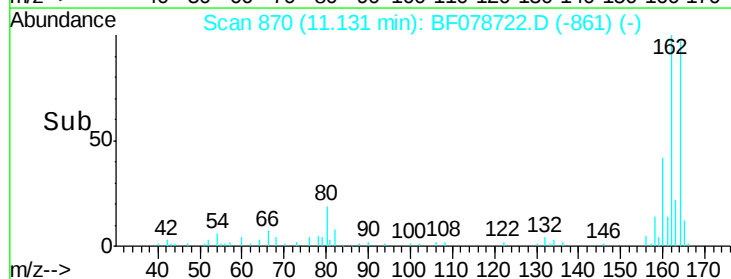
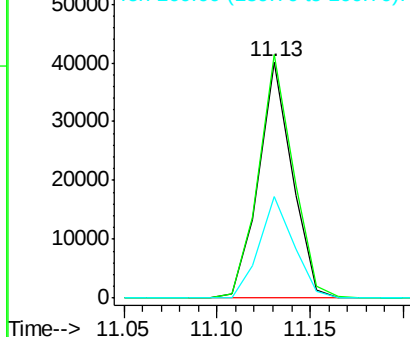
164 100

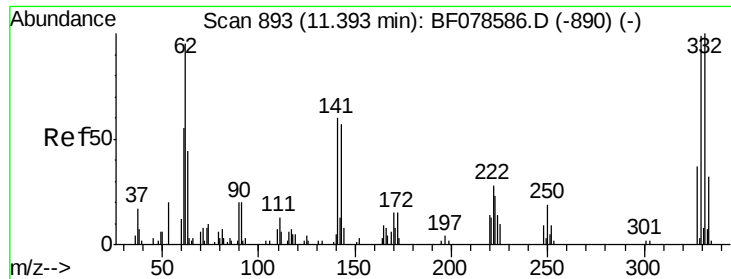
162 103.2 82.2 123.2

160 42.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

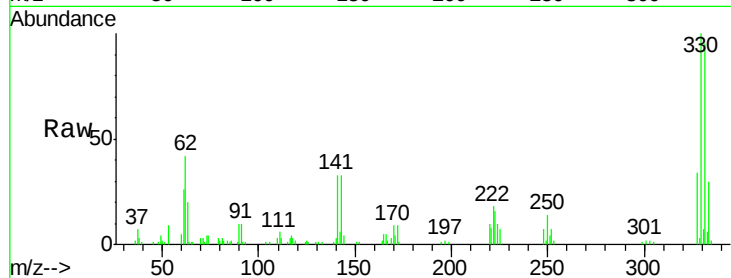




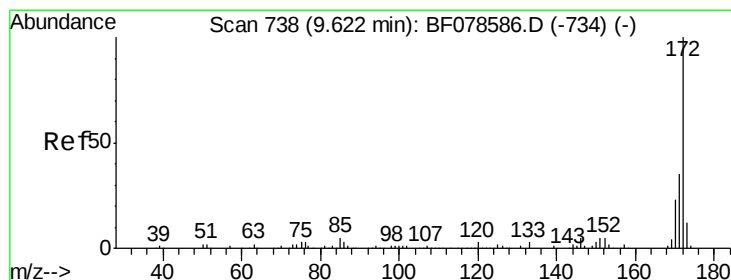
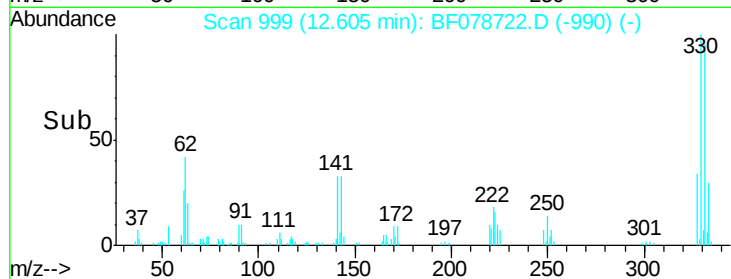
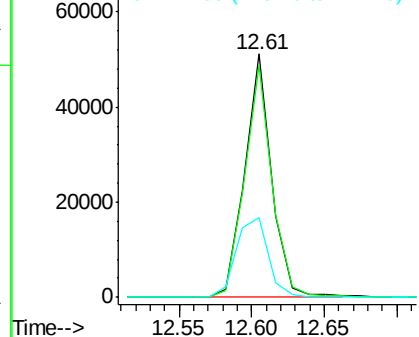
#41
 2,4,6-Tribromophenol
 Concen: 158.75 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078722.D
 Acq: 22 Apr 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-115-42115

Tot Ion:330 Resp: 66027
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 38.6 31.2 46.8

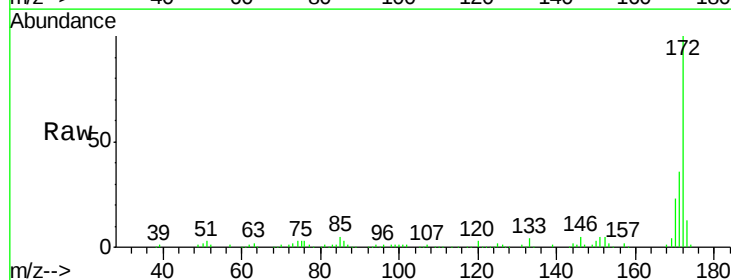


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

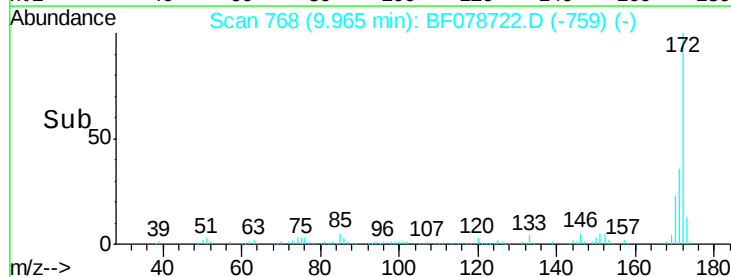
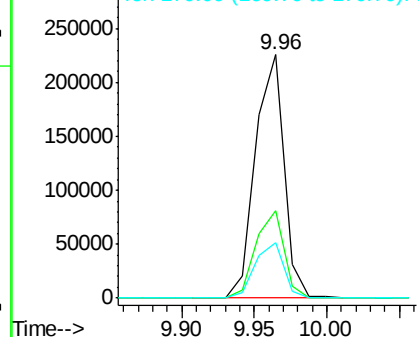


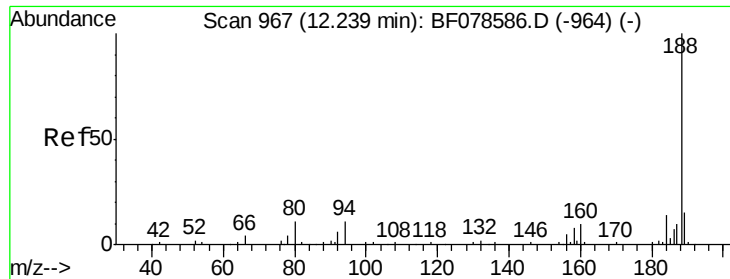
#44
 2-Fluorobiphenyl
 Concen: 88.43 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078722.D
 Acq: 22 Apr 2015 18:31

Tgt Ion:172 Resp: 310247
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 22.9 18.5 27.7



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

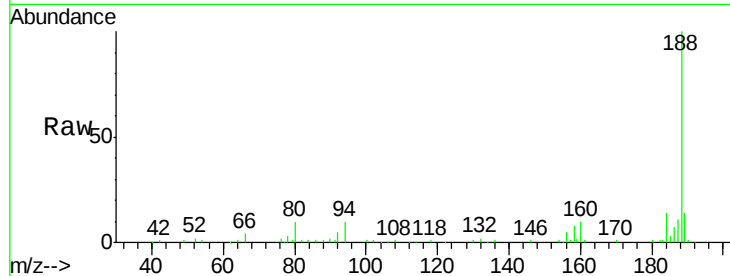




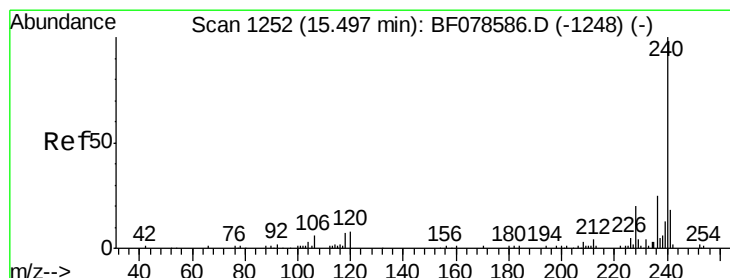
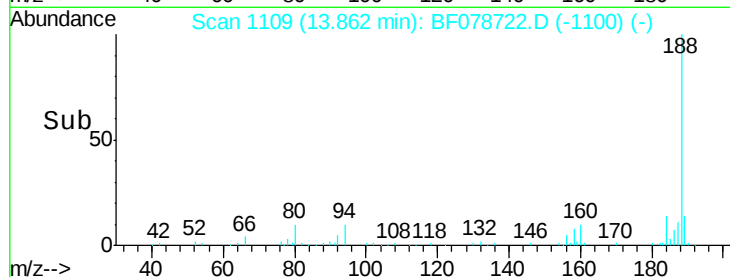
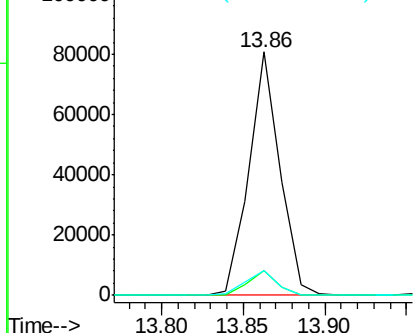
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.86 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF078722.D
Acq: 22 Apr 2015 18:31

Instrument :
BNA_F
ClientSampleId :
DCW-WW-115-42115

Tot Ion:188 Resp: 106323
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.3 9.5 14.3

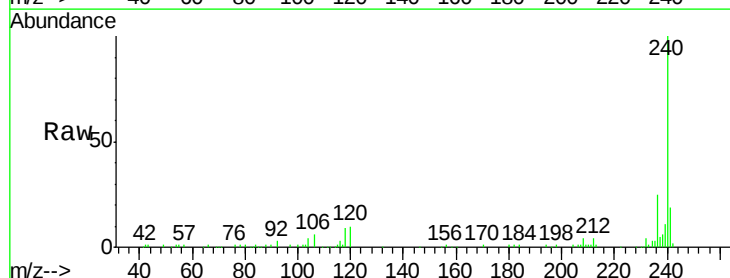


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

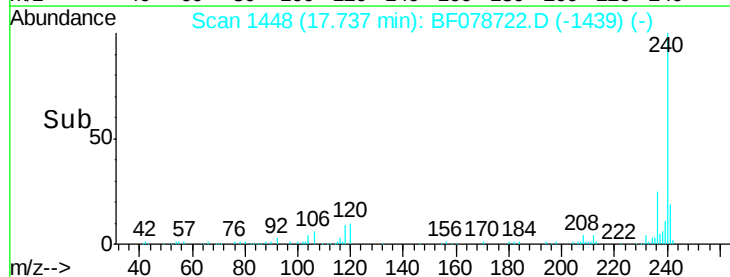
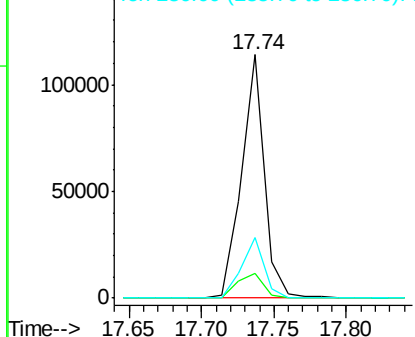


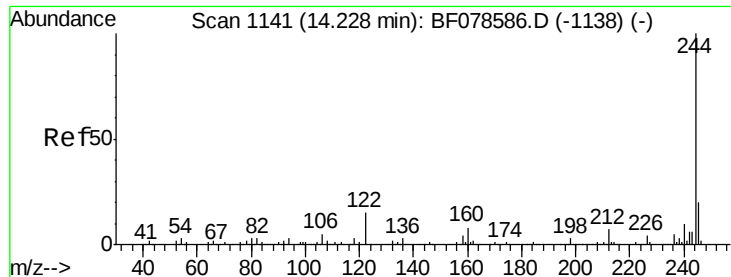
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF078722.D
Acq: 22 Apr 2015 18:31

Tgt Ion:240 Resp: 124468
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.0 21.4 32.2



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: 77.39 ng

RT: 16.40 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115-42115

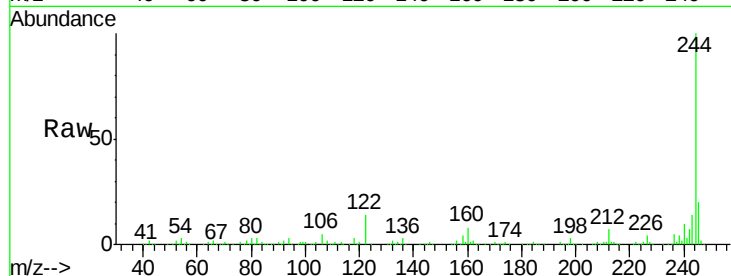
Tot Ion:244 Resp: 426309

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

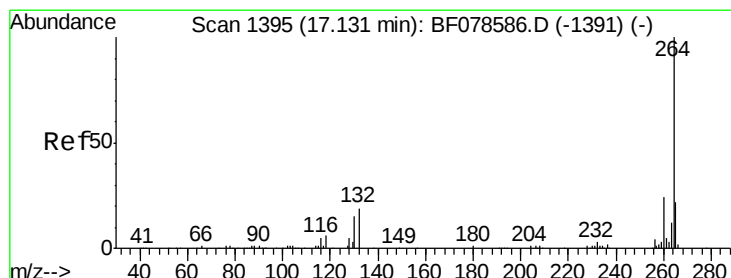
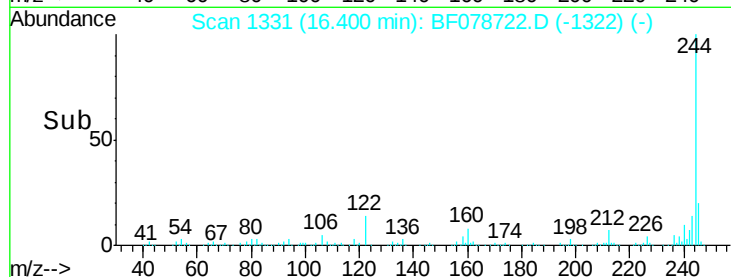
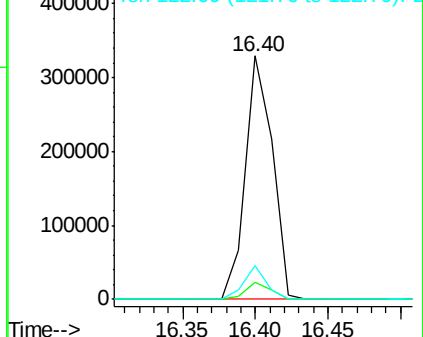
122 14.1 7.1 10.7#



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: 19.43 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF078722.D

Acq: 22 Apr 2015 18:31

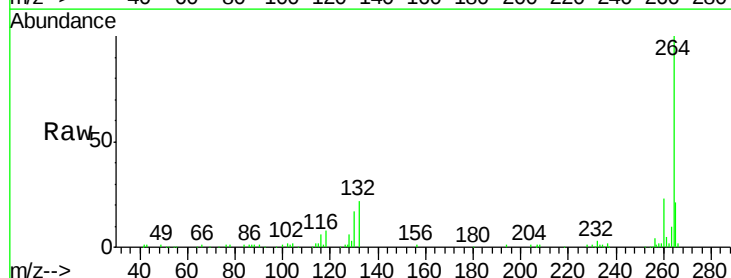
Tgt Ion:264 Resp: 123471

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.3 17.0 25.6



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

