

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078171.D
 Acq On : 2 Apr 2015 00:21
 Operator : TP/IZ
 Sample : PB82482BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BL

Quant Time: Apr 02 11:32:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	32484	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	133718	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	63683	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	131169	20.00	ng	0.00
75) Chrysene-d12	15.86	240	127665	20.00	ng	-0.01
86) Perylene-d12	17.55	264	119709	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	242722	123.20	ng	0.00
7) Phenol-d6	6.60	99	295250	119.58	ng	0.00
23) Nitrobenzene-d5	7.71	82	166787	75.60	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	66552	126.01	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	376297	84.46	ng	0.00
78) Terphenyl-d14	14.59	244	467630	82.77	ng	0.00

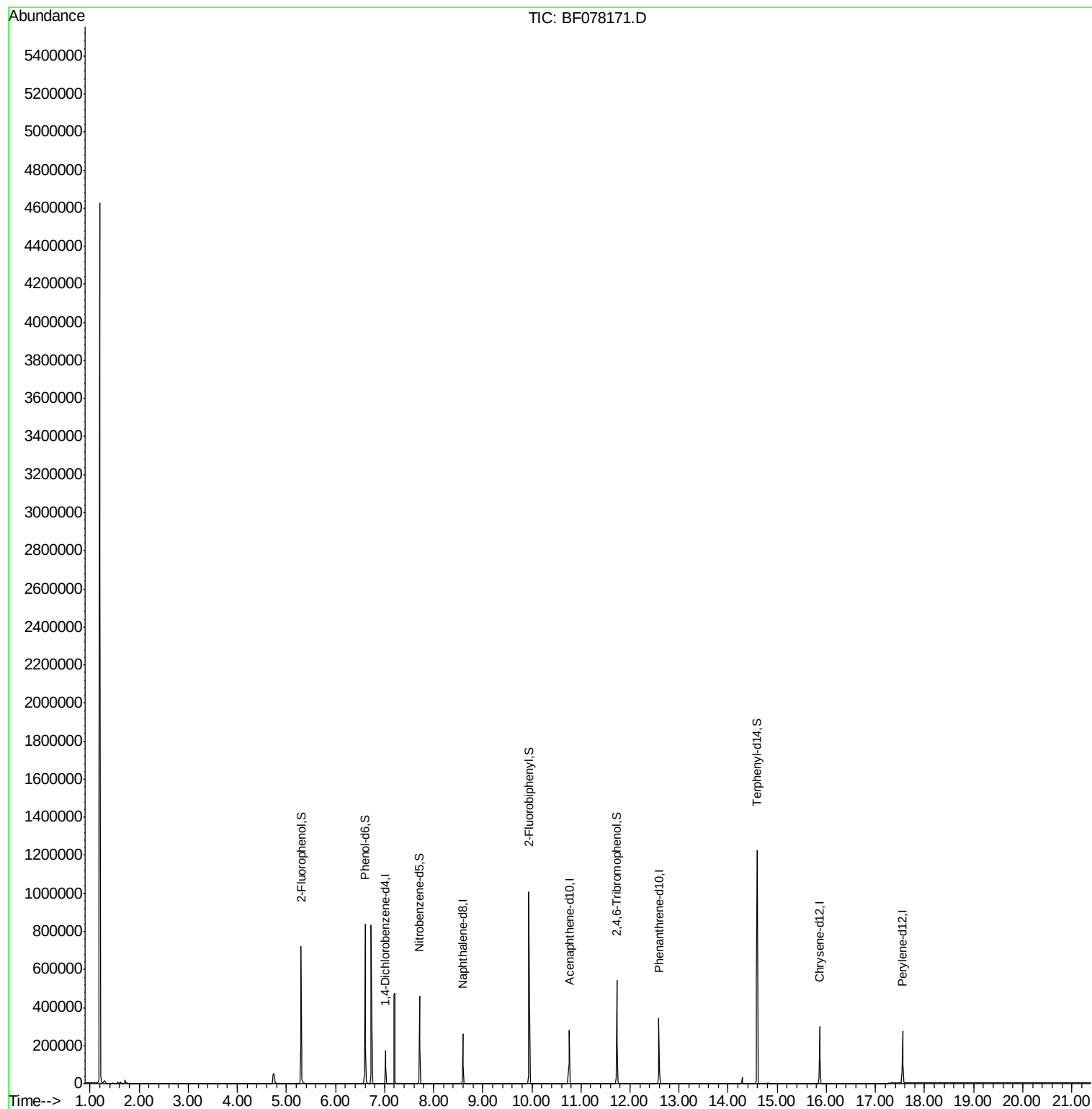
Target Compounds Qvalue

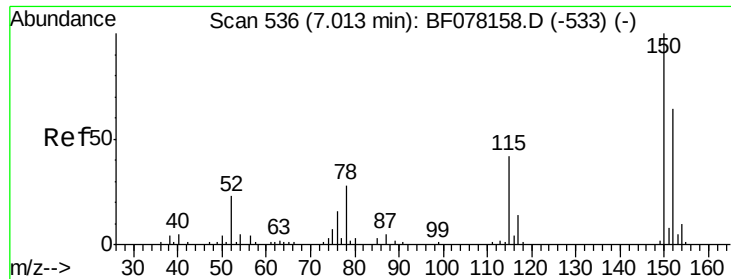
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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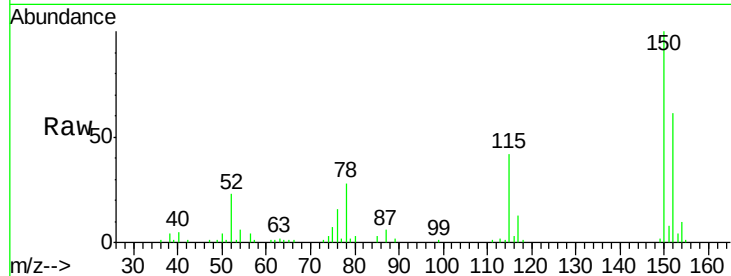


#1

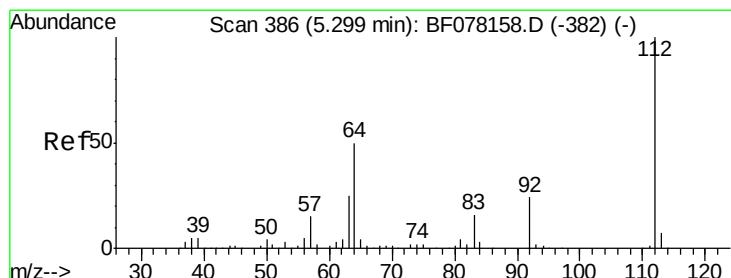
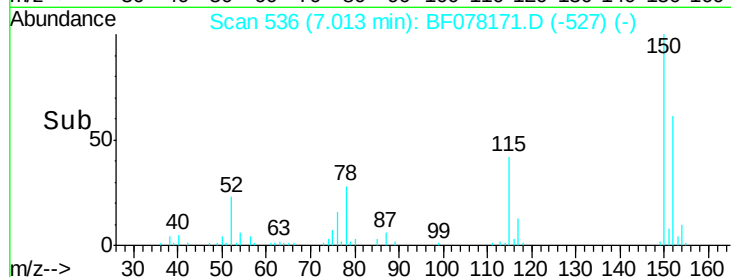
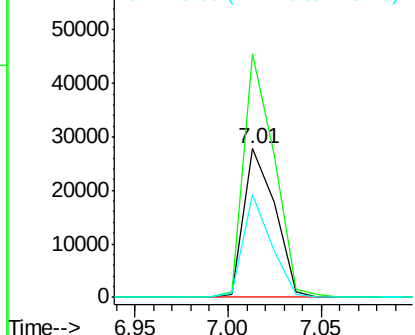
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078171.D
Acq: 2 Apr 2015 00:21

Instrument :
BNA_F
ClientSampleId :
PB82482BL

Tot Ion:152 Resp: 32484
Ion Ratio Lower Upper
152 100
150 164.1 125.9 188.9
115 69.6 52.7 79.1



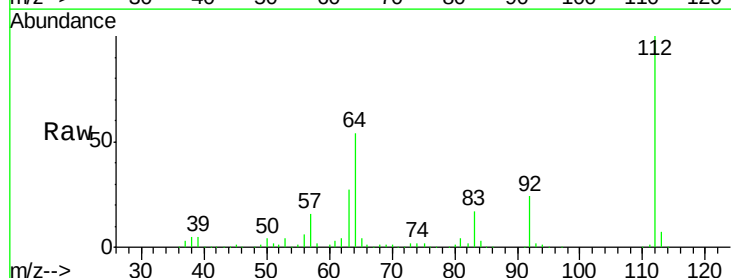
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



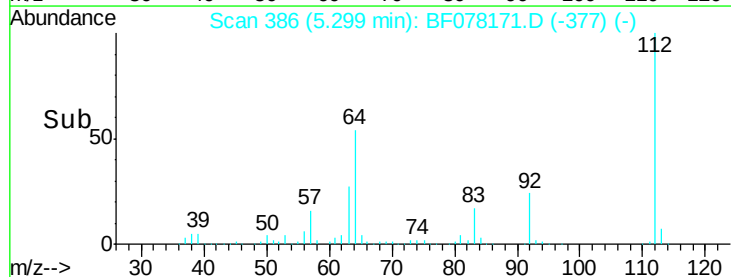
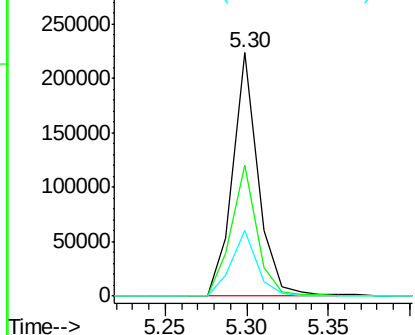
#5

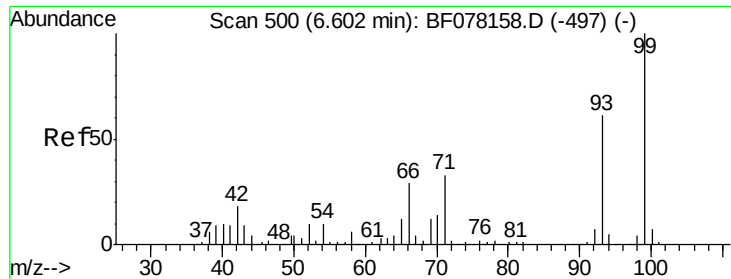
2-Fluorophenol
Concen: 123.20 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF078171.D
Acq: 2 Apr 2015 00:21

Tgt Ion:112 Resp: 242722
Ion Ratio Lower Upper
112 100
64 54.1 39.9 59.9
63 27.0 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: 119.58 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Instrument :

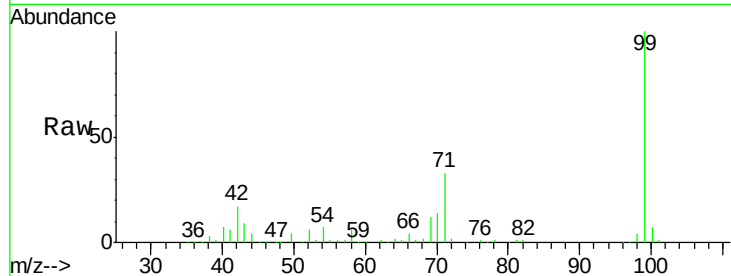
BNA_F

ClientSampleId :

PB82482BL

Tot Ion: 99 Resp: 295250

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.8	22.2
71	32.8	26.6	39.8

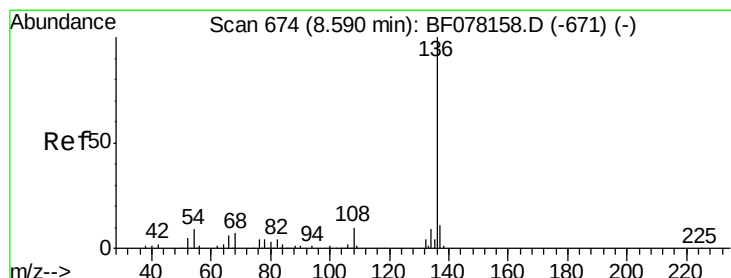
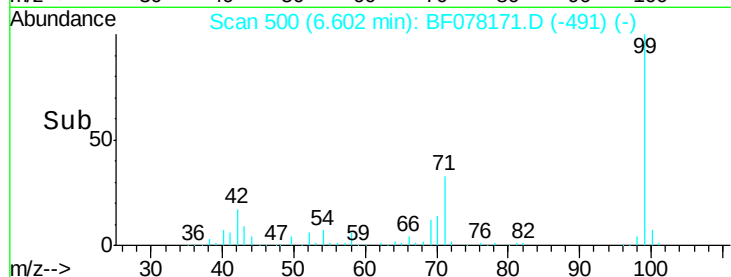
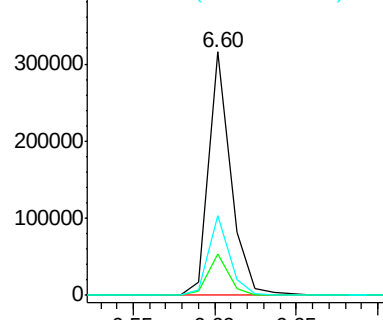


Abundance

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: 8.59 min Scan# 674

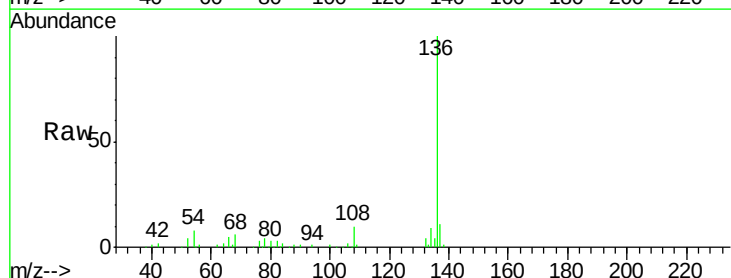
Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Tgt Ion: 136 Resp: 133718

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.2	7.0	10.6
68	6.4	5.4	8.2



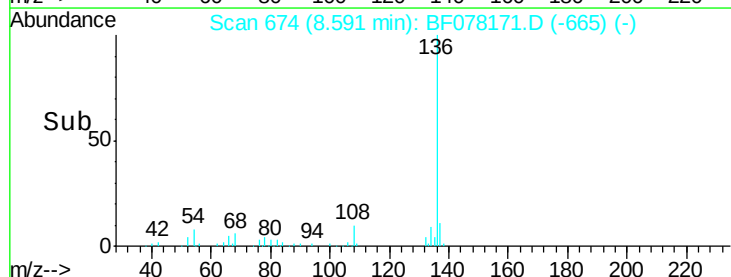
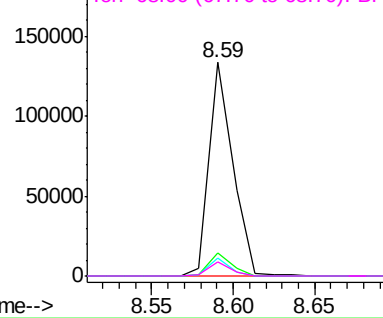
Abundance

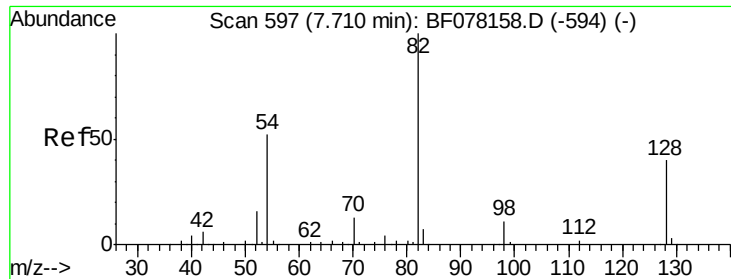
Ion 136.00 (135.70 to 136.70): E

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: 75.60 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Instrument :

BNA_F

ClientSampleId :

PB82482BL

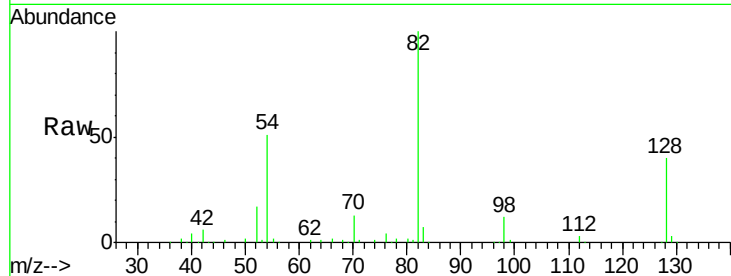
Tot Ion: 82 Resp: 166787

Ion Ratio Lower Upper

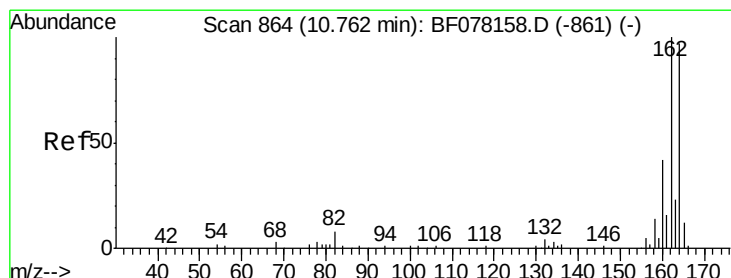
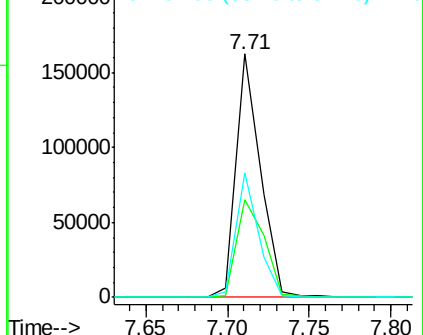
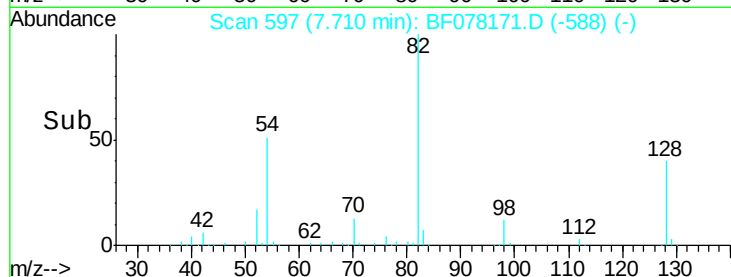
82 100

128 39.9 31.8 47.8

54 51.4 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078171.D (-588) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

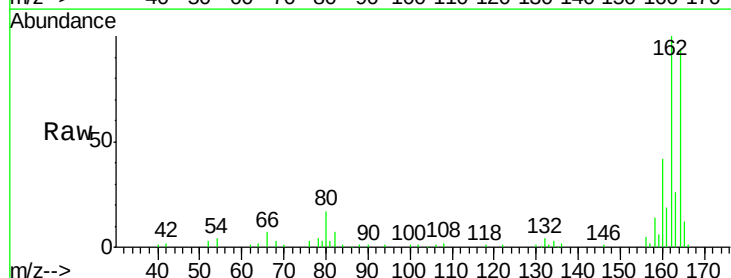
Tgt Ion:164 Resp: 63683

Ion Ratio Lower Upper

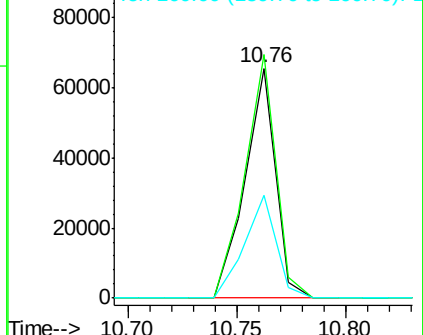
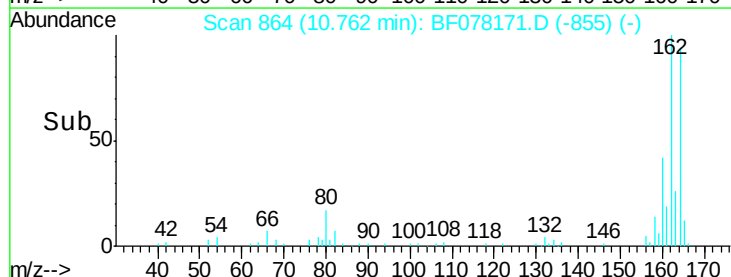
164 100

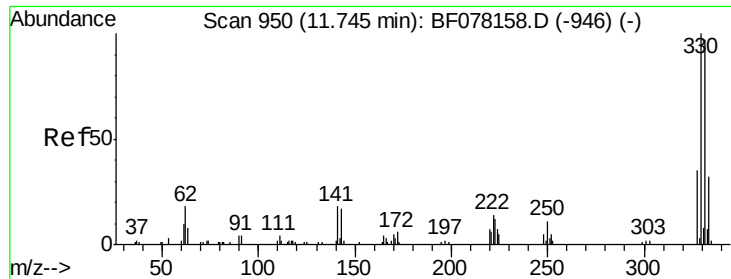
162 105.8 82.2 123.2

160 44.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078171.D (-855) (-)





#41

2,4,6-Tribromophenol

Concen: 126.01 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Instrument :

BNA_F

ClientSampleId :

PB82482BL

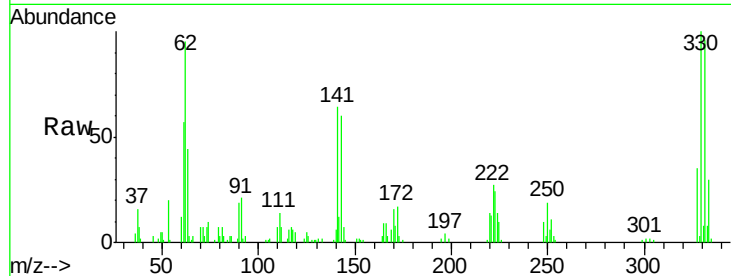
Tot Ion:330 Resp: 66552

Ion Ratio Lower Upper

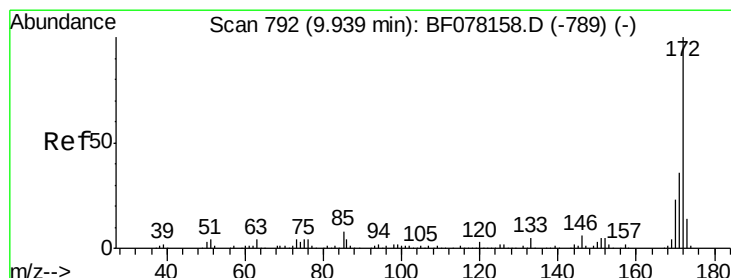
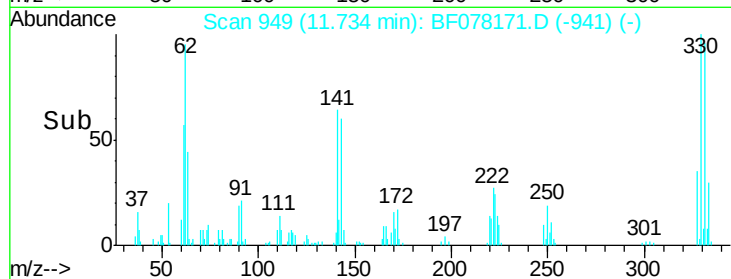
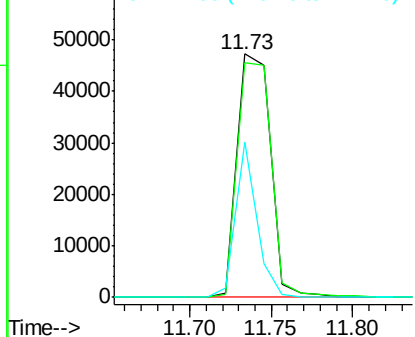
330 100

332 98.9 78.6 117.8

141 40.2 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: 84.46 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

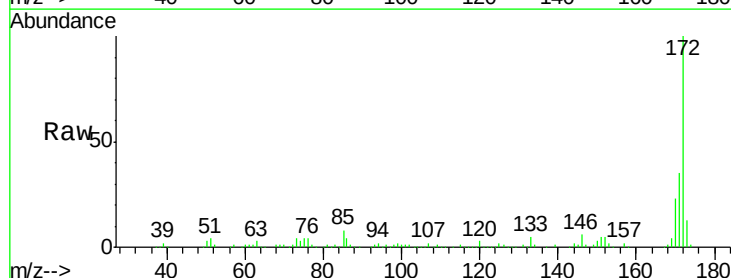
Tgt Ion:172 Resp: 376297

Ion Ratio Lower Upper

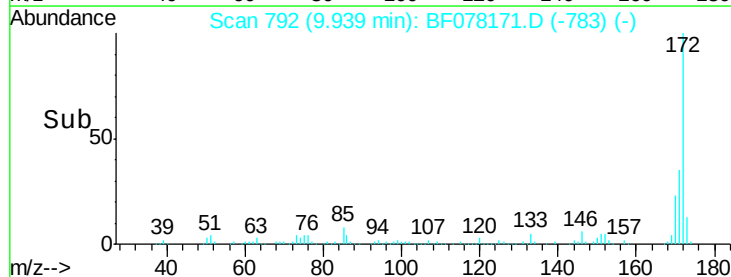
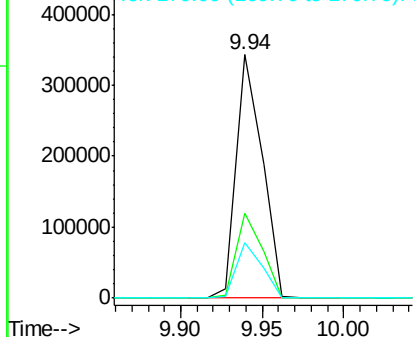
172 100

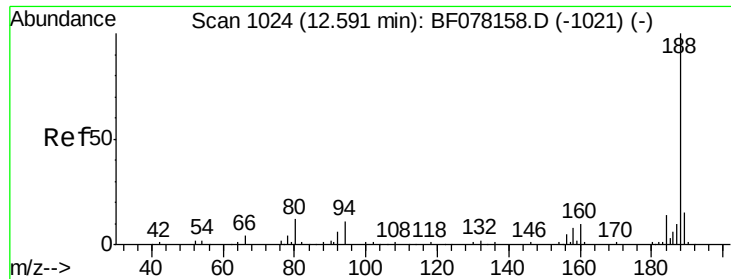
171 35.1 28.6 42.8

170 22.8 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: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Instrument :

BNA_F

ClientSampleId :

PB82482BL

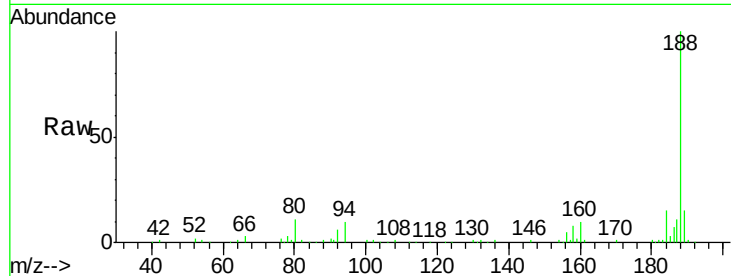
Tot Ion:188 Resp: 131169

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

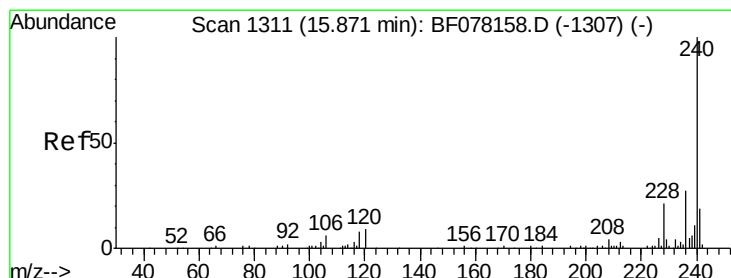
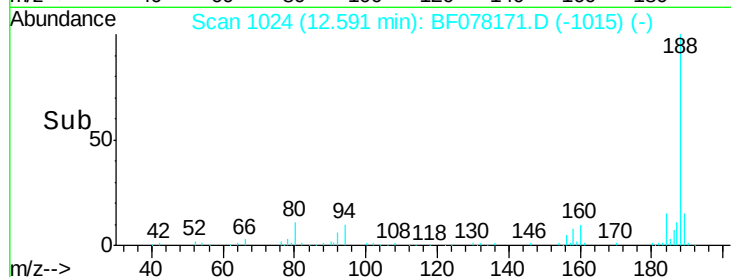
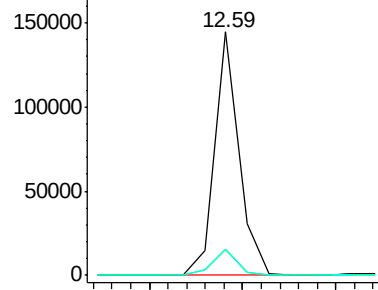
80 10.7 9.5 14.3



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: 15.86 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

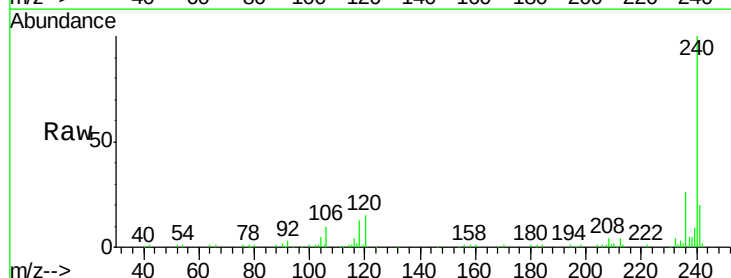
Tgt Ion:240 Resp: 127665

Ion Ratio Lower Upper

240 100

120 14.6 7.1 10.7#

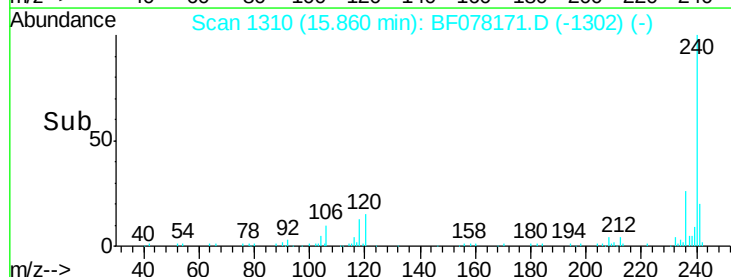
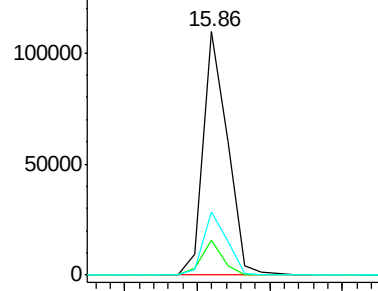
236 25.8 21.4 32.2

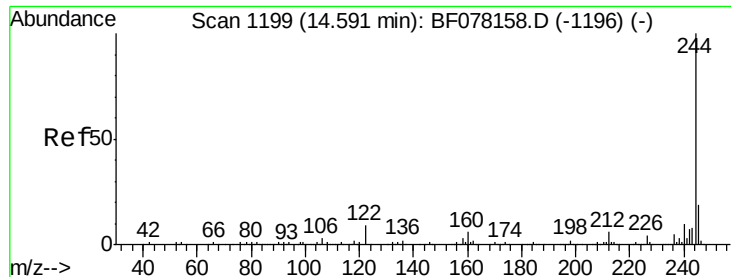


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

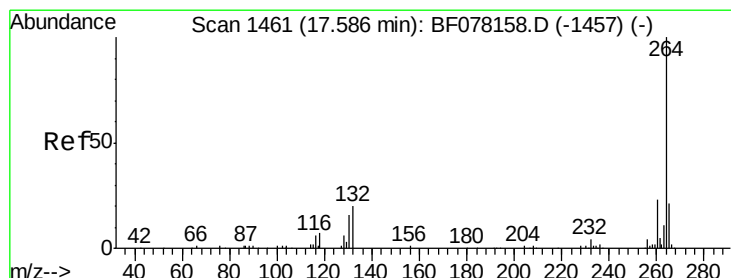
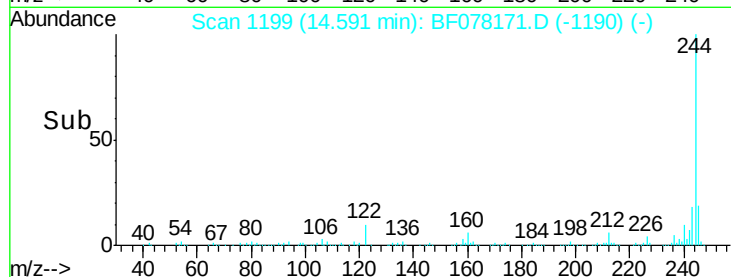
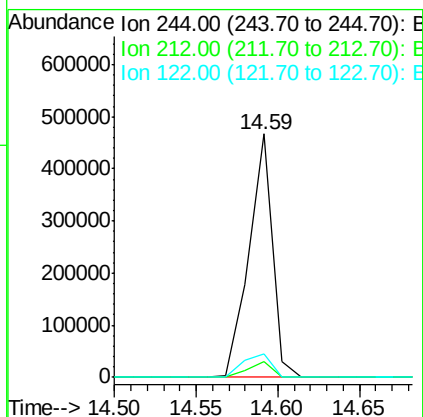
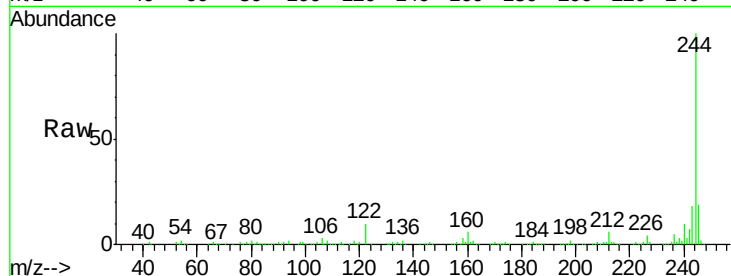




#78
 Terphenyl-d14
 Concen: 82.77 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

Instrument :
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 ClientSampleId :
 PB82482BL

Tot Ion:244 Resp: 467630
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

Tgt Ion:264 Resp: 119709
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.4 17.0 25.6

