

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076799.D
 Acq On : 9 Jan 2015 22:48
 Operator : IZ / TP
 Sample : PB81273BL
 Misc : W DOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BL

Quant Time: Jan 10 03:52:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:03:10 2015
 Response via : Initial Calibration

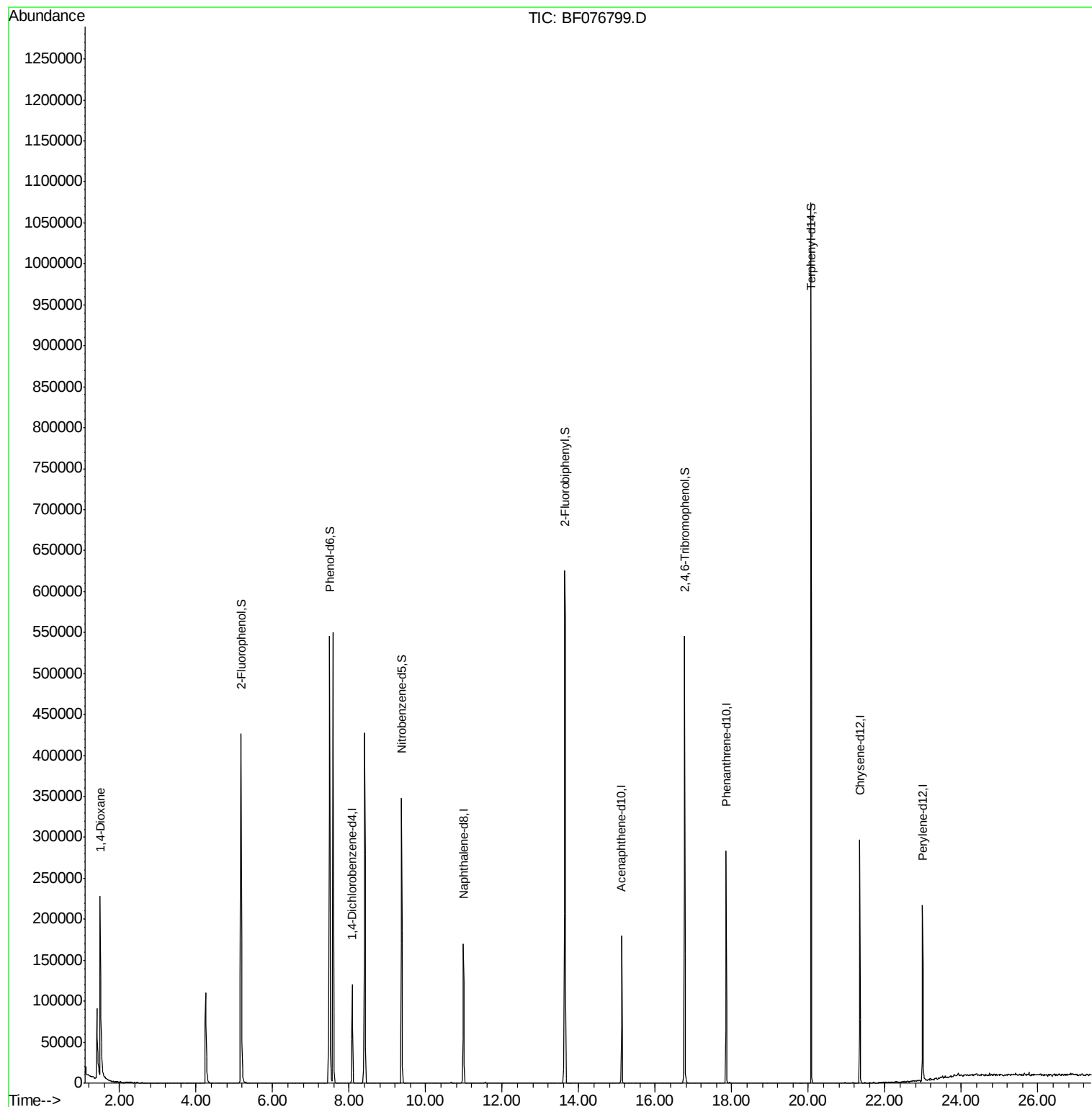
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30793	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	130432	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	71892	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	126236	20.00	ng	0.00
75) Chrysene-d12	21.34	240	118497	20.00	ng	-0.01
86) Perylene-d12	22.99	264	105727	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	232363	124.12	ng	0.00
7) Phenol-d6	7.49	99	291163	123.45	ng	-0.01
23) Nitrobenzene-d5	9.37	82	176097	73.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	73101	118.67	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	370426	74.98	ng	-0.01
78) Terphenyl-d14	20.07	244	402225	73.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.49	88	9412	11.96	ng	Qvalue # 14

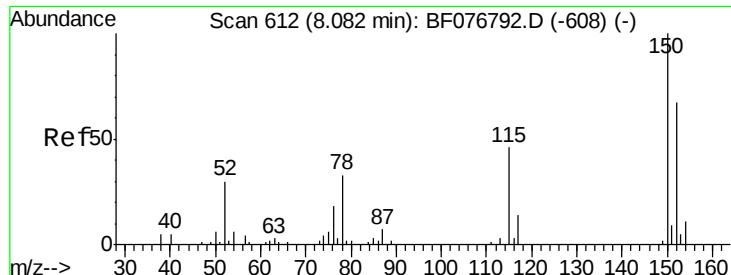
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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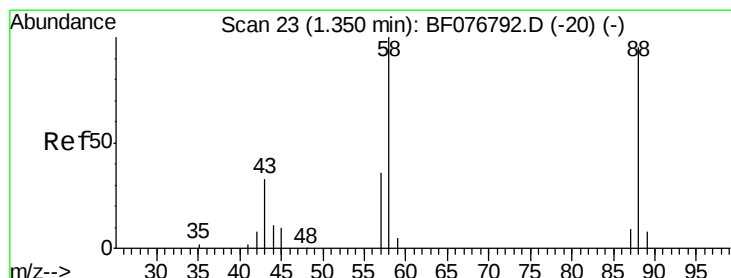
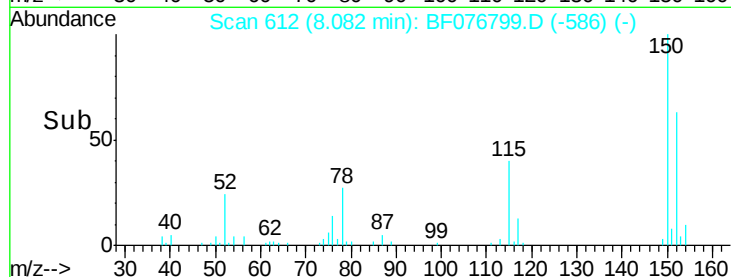
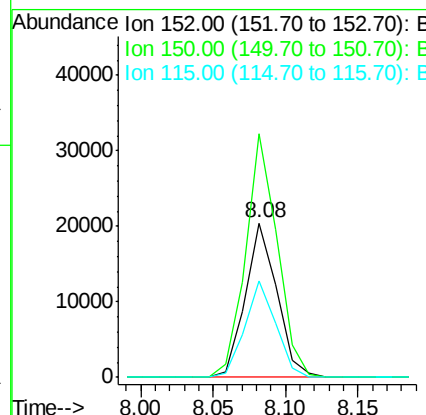
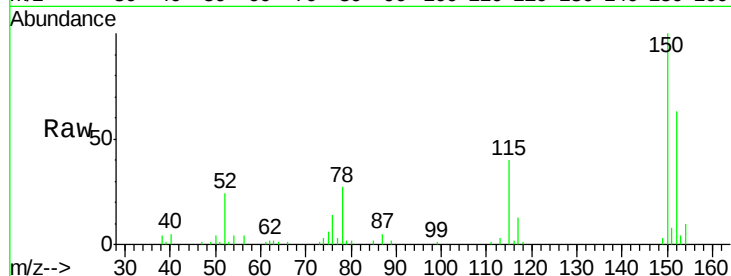


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

Instrument :
BNA_F
ClientSampleId :
PB81273BL

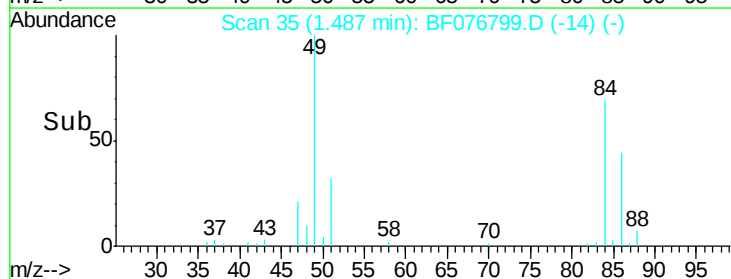
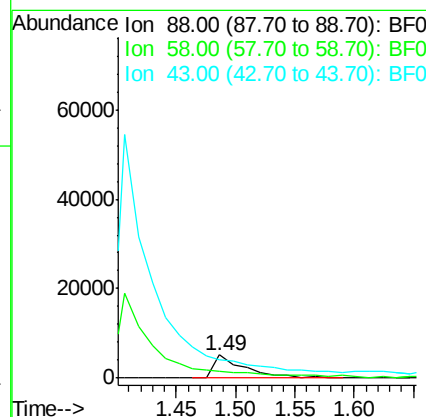
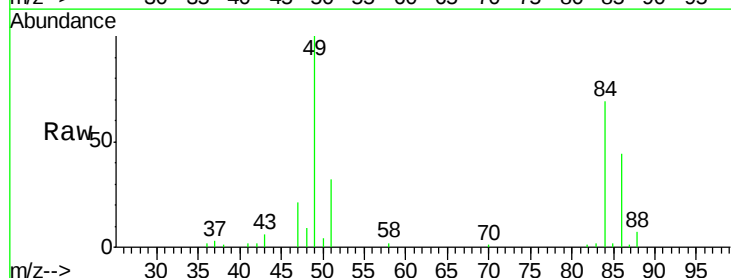
Tgt Ion:152 Resp: 30793
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 62.7 54.6 81.8

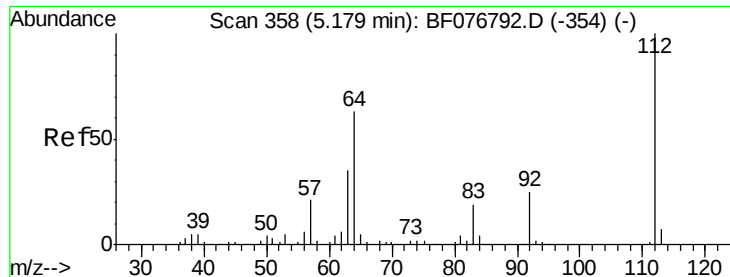


#2

1,4-Dioxane
Concen: 11.96 ng
RT: 1.49 min Scan# 35
Delta R.T. 0.14 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

Tgt Ion: 88 Resp: 9412
Ion Ratio Lower Upper
88 100
58 0.0 72.4 108.6#
43 0.0 24.0 36.0#





#5

2-Fluorophenol

Concen: 124.12 ng

RT: 5.18 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF076799.D

Acq: 9 Jan 2015 22:48

Instrument :

BNA_F

ClientSampleId :

PB81273BL

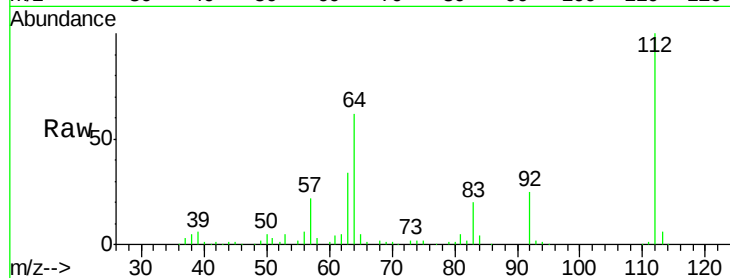
Tgt Ion: 112 Resp: 232363

Ion Ratio Lower Upper

112 100

64 62.2 50.2 75.4

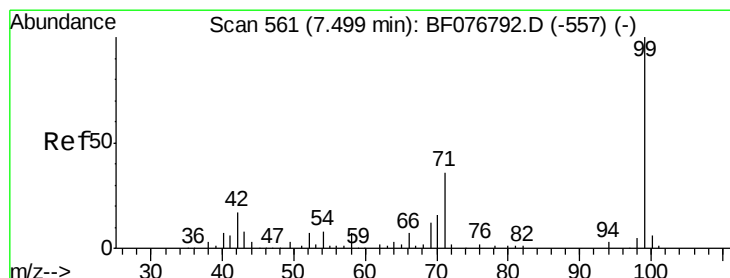
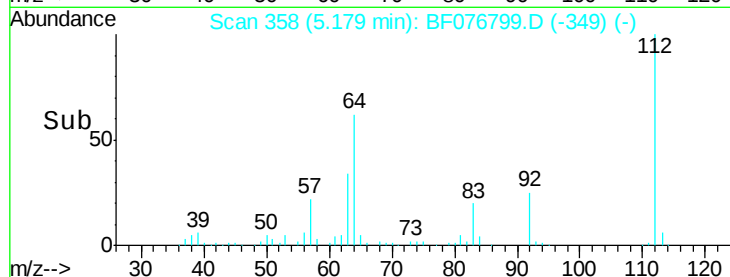
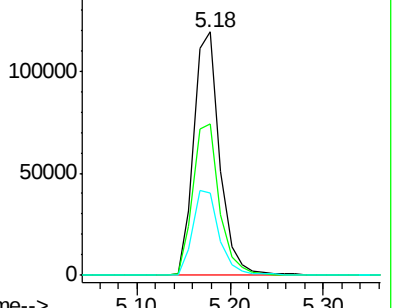
63 33.7 27.8 41.6



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: 123.45 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076799.D

Acq: 9 Jan 2015 22:48

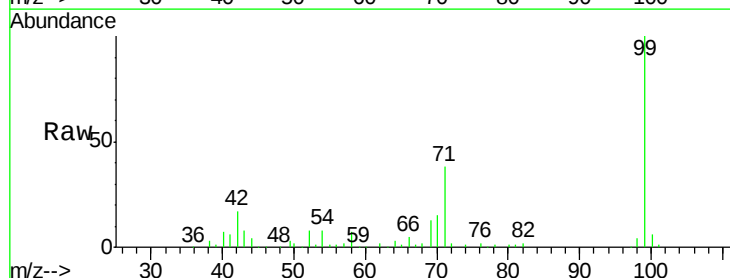
Tgt Ion: 99 Resp: 291163

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

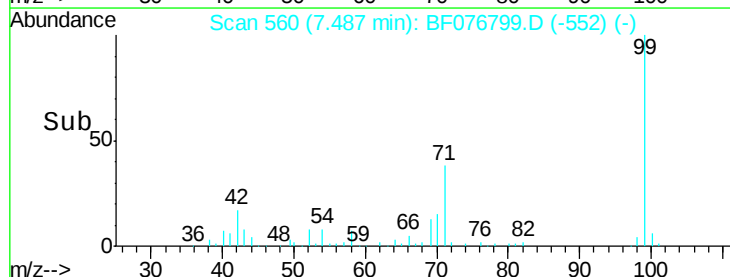
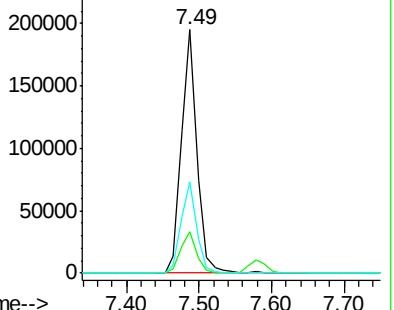
71 37.5 29.2 43.8

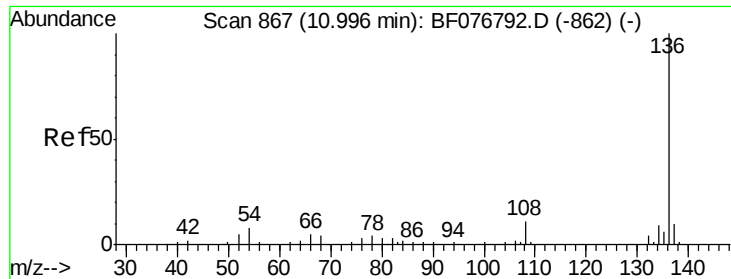


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

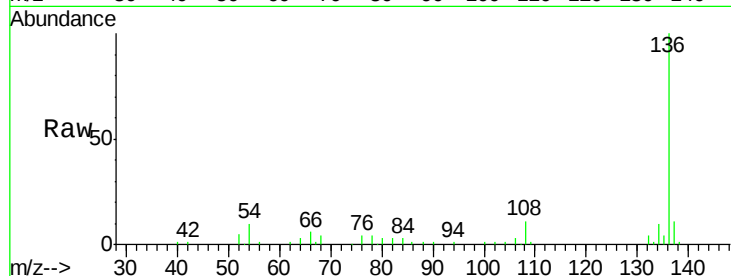




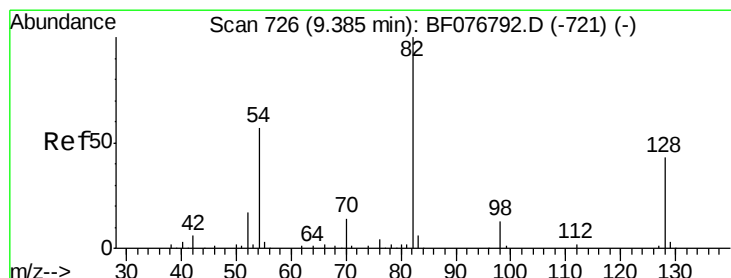
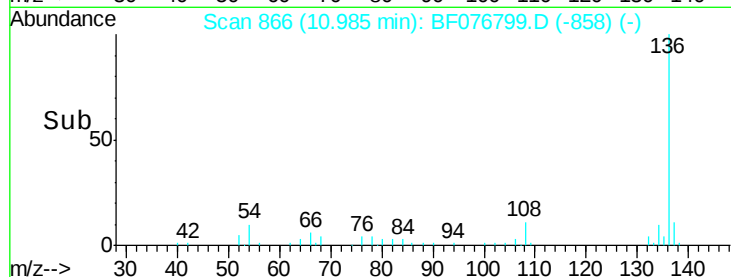
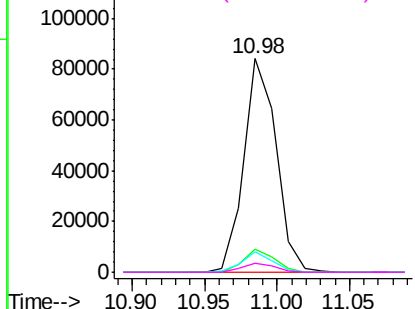
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

Instrument :
BNA_F
ClientSampleId :
PB81273BL

Tgt Ion:136 Resp: 130432
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.9 6.3 9.5#
68 4.3 3.4 5.0

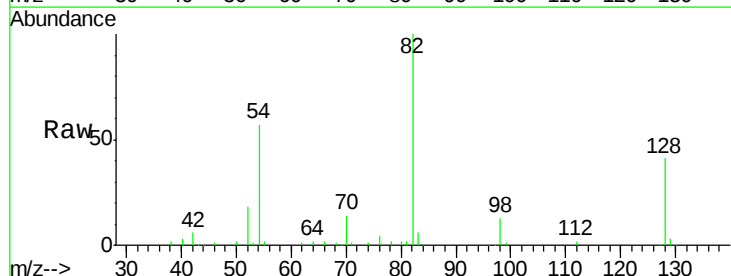


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

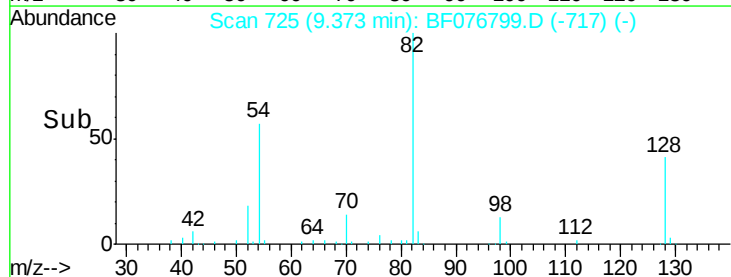
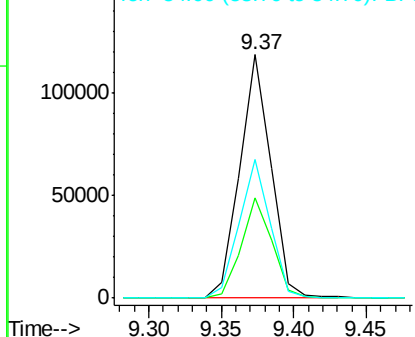


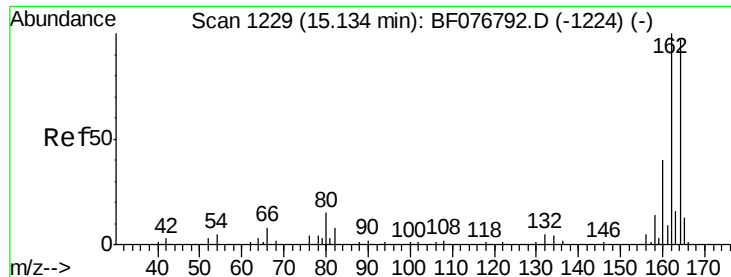
#23
Nitrobenzene-d5
Concen: 73.46 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

Tgt Ion: 82 Resp: 176097
Ion Ratio Lower Upper
82 100
128 40.9 34.0 51.0
54 56.7 45.6 68.4



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: 15.12 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF076799.D

Acq: 9 Jan 2015 22:48

Instrument :

BNA_F

ClientSampleId :

PB81273BL

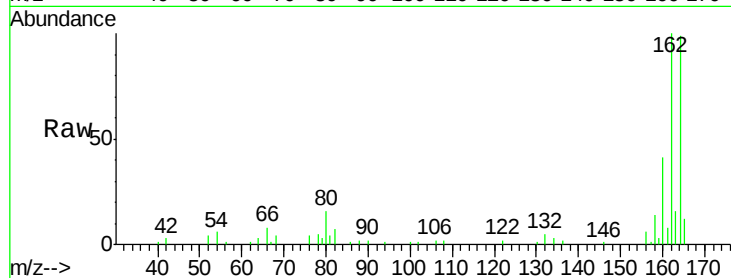
Tgt Ion:164 Resp: 71892

Ion Ratio Lower Upper

164 100

162 100.6 82.5 123.7

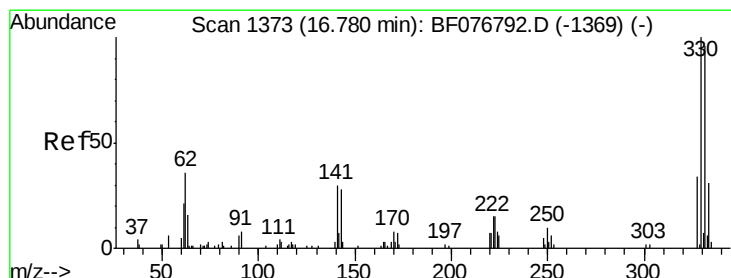
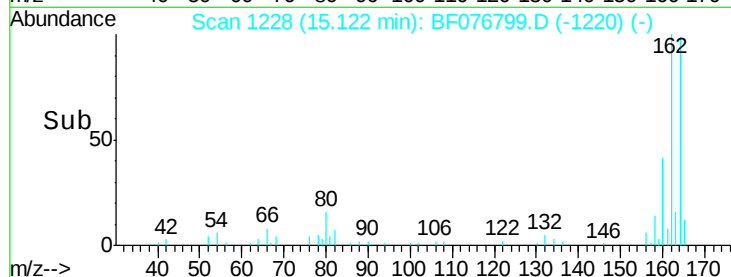
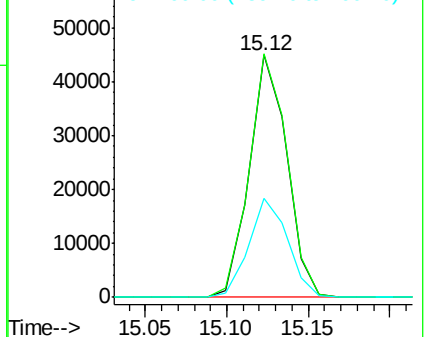
160 40.9 33.1 49.7



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: 118.67 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076799.D

Acq: 9 Jan 2015 22:48

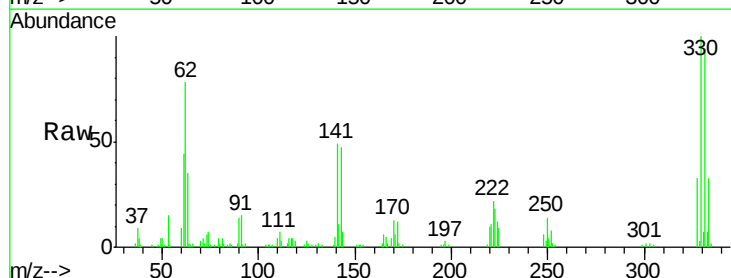
Tgt Ion:330 Resp: 73101

Ion Ratio Lower Upper

330 100

332 93.0 74.8 112.2

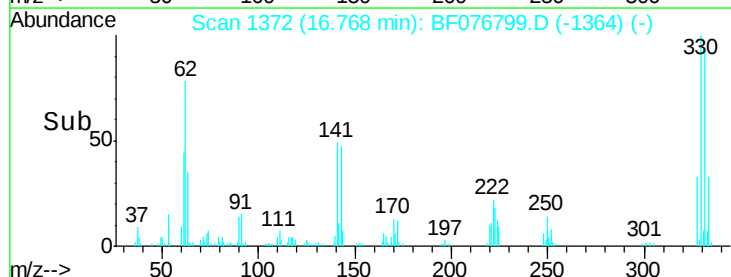
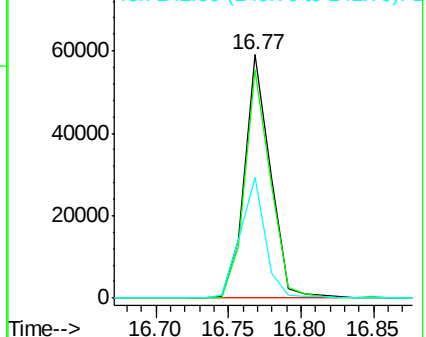
141 48.6 42.4 63.6

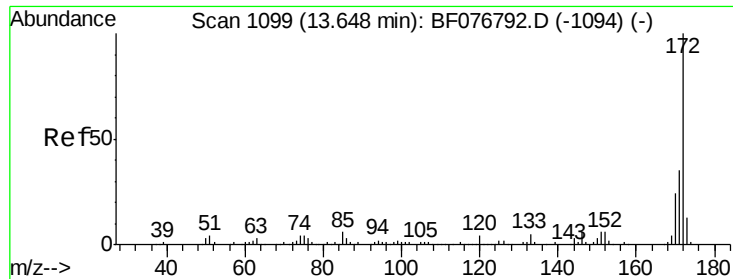


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

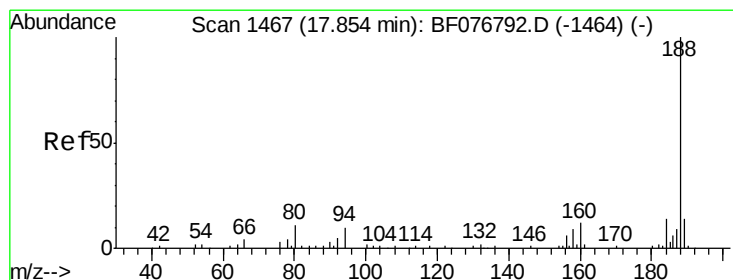
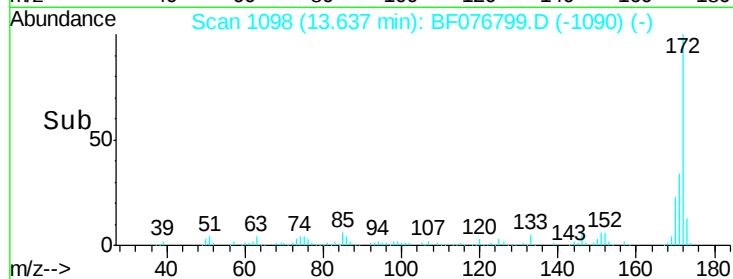
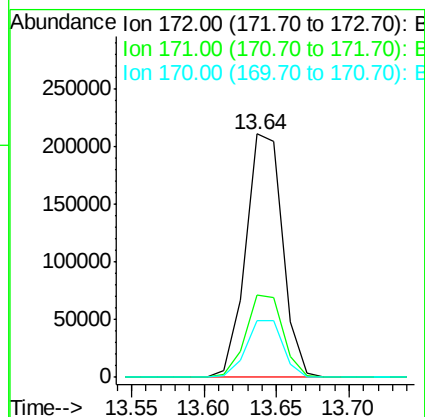
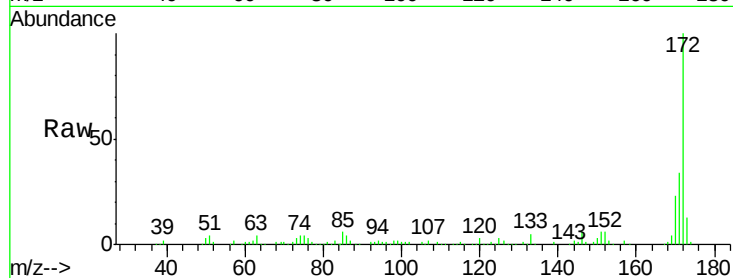




#44
 2-Fluorobiphenyl
 Concen: 74.98 ng
 RT: 13.64 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF076799.D
 Acq: 9 Jan 2015 22:48

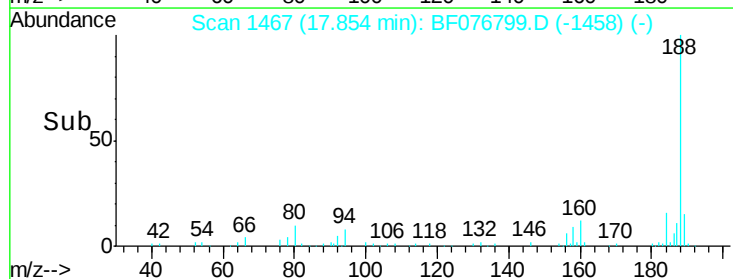
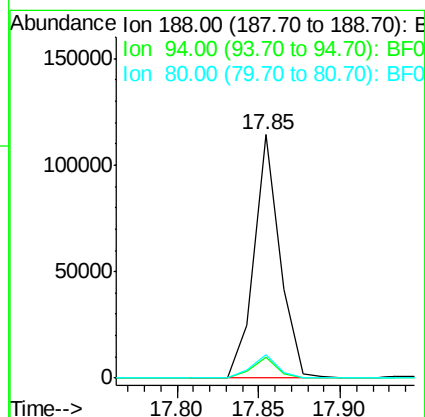
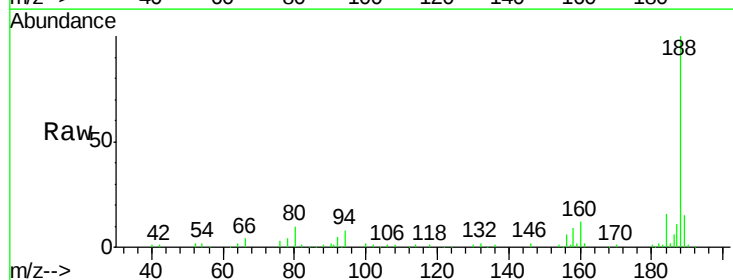
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 PB81273BL

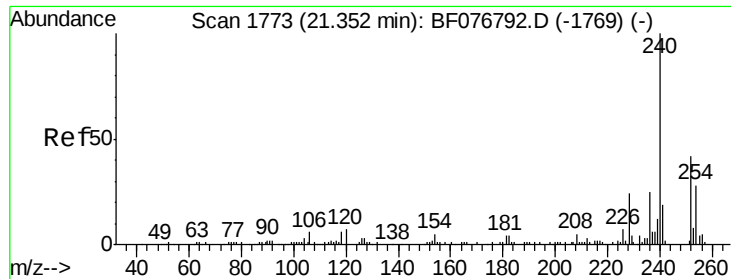
Tgt Ion:172 Resp: 370426
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.8 41.8
 170 23.3 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF076799.D
 Acq: 9 Jan 2015 22:48

Tgt Ion:188 Resp: 126236
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.8 11.6
 80 9.8 8.6 13.0

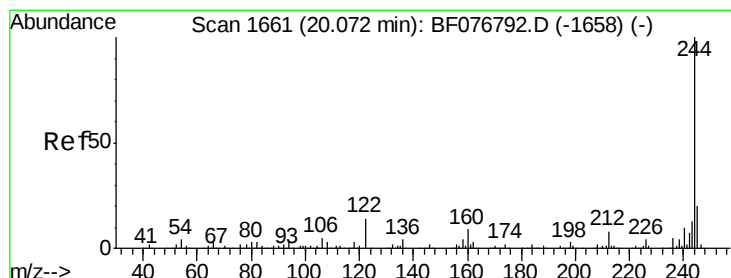
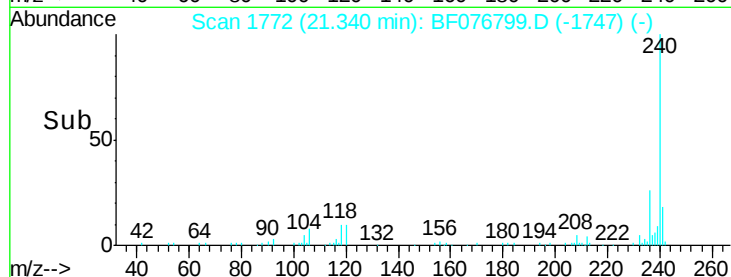
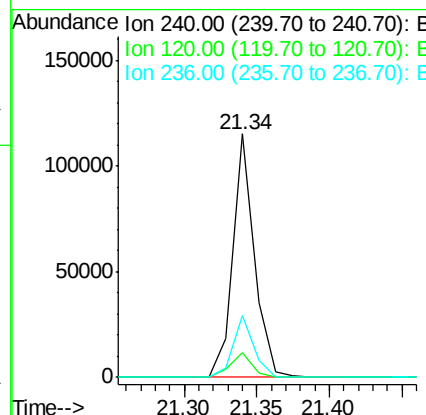
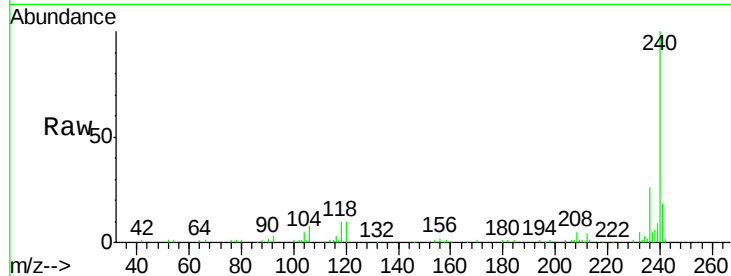




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

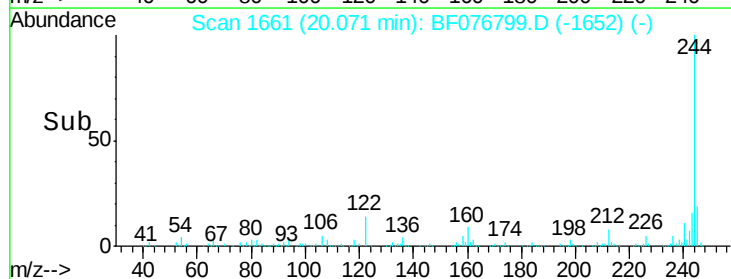
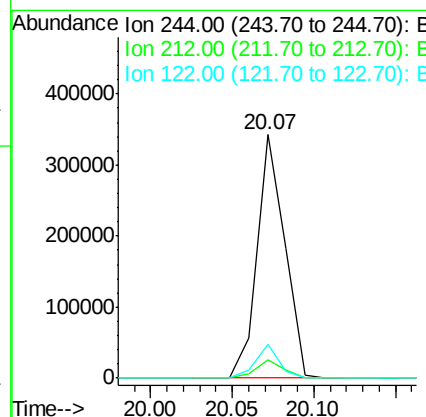
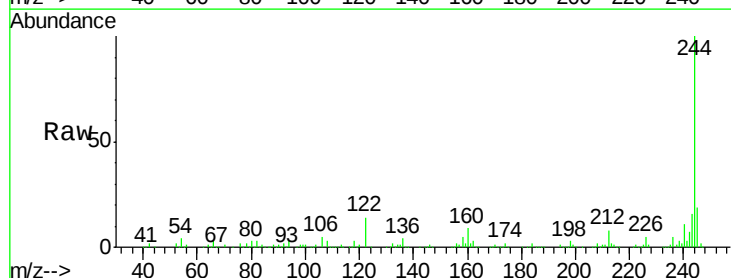
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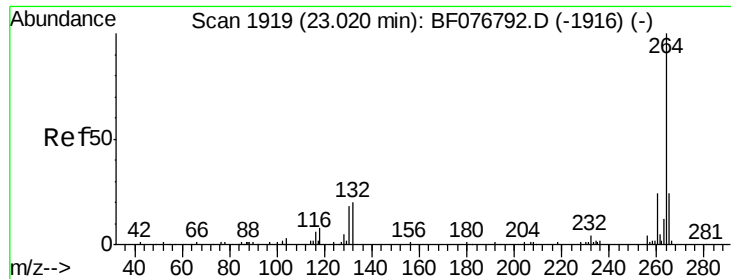
Tgt Ion:240 Resp: 118497
Ion Ratio Lower Upper
240 100
120 10.0 5.7 8.5#
236 25.5 19.7 29.5



#78
Terphenyl-d14
Concen: 73.11 ng
RT: 20.07 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

Tgt Ion:244 Resp: 402225
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 13.6 11.3 16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 1916
Delta R.T. -0.03 min
Lab File: BF076799.D
Acq: 9 Jan 2015 22:48

Instrument :
BNA_F
ClientSampleId :
PB81273BL

Tgt Ion: 264 Resp: 105727
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.0
265 21.1 18.9 28.3

