

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076801.D
 Acq On : 9 Jan 2015 23:57
 Operator : IZ / TP
 Sample : PB81263BL
 Misc : S DOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

Quant Time: Jan 10 01:17:28 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 00:24:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30237	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	131276	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	71131	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	124052	20.00	ng	0.00
75) Chrysene-d12	21.34	240	112935	20.00	ng	-0.01
86) Perylene-d12	23.02	264	103450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	236230	128.51	ng	-0.01
7) Phenol-d6	7.49	99	290711	125.52	ng	-0.01
23) Nitrobenzene-d5	9.37	82	175478	72.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	73041	119.84	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	367695	75.22	ng	-0.01
78) Terphenyl-d14	20.07	244	391146	74.60	ng	0.00

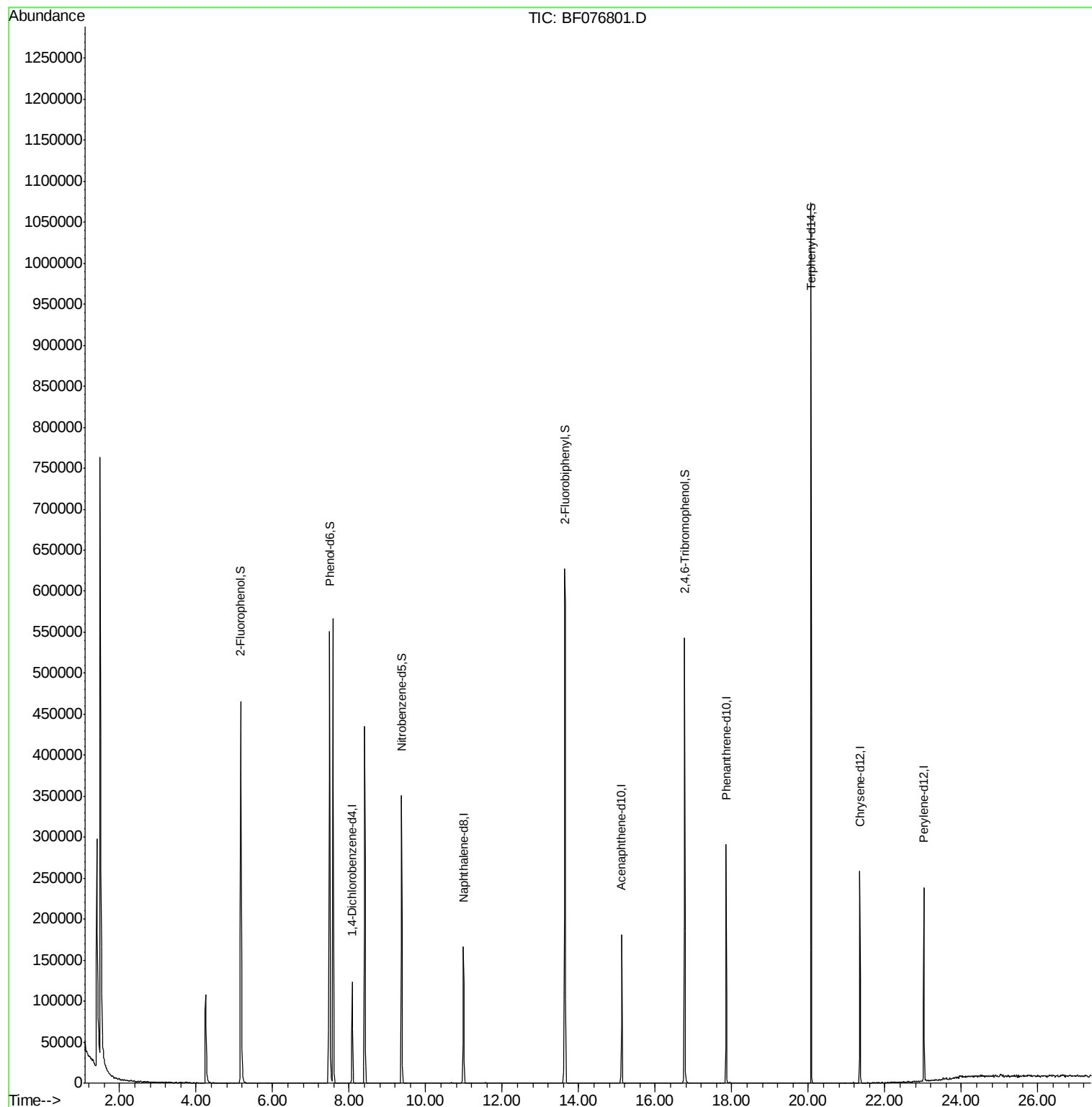
Target Compounds	Qvalue
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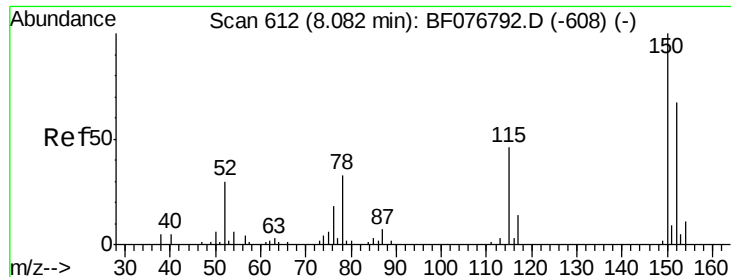
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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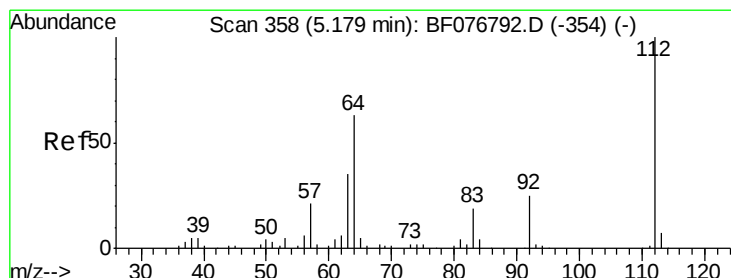
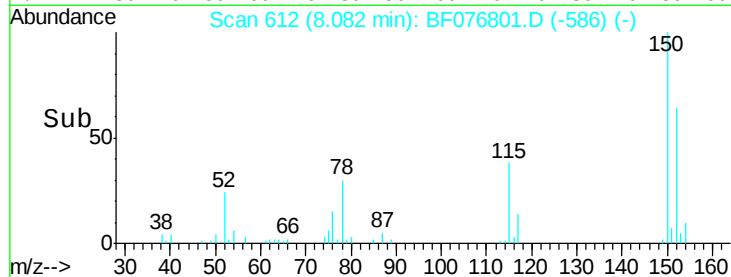
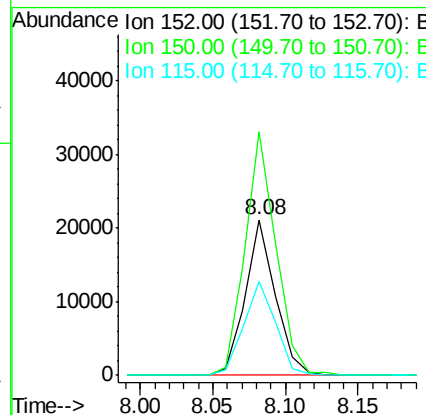
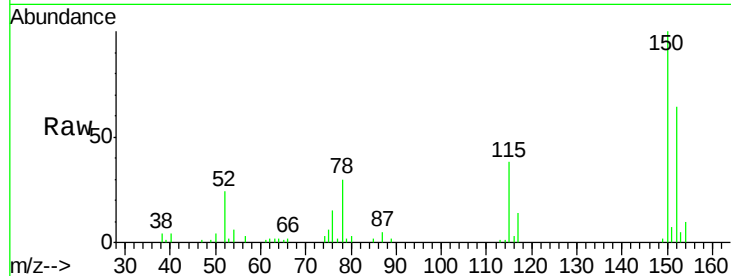


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076801.D
Acq: 9 Jan 2015 23:57

Instrument :
BNA_F
ClientSampleId :
PB81263BL

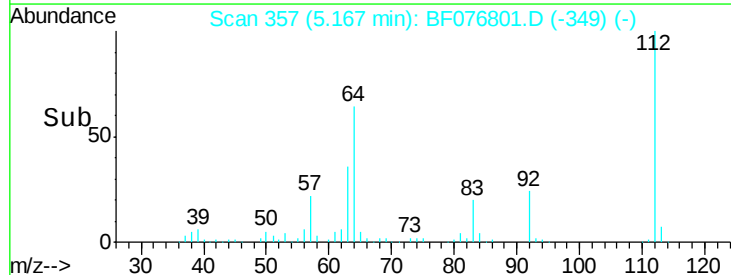
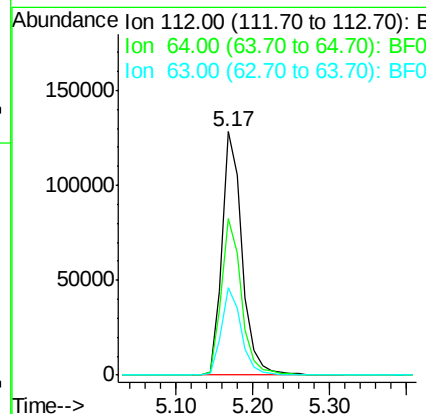
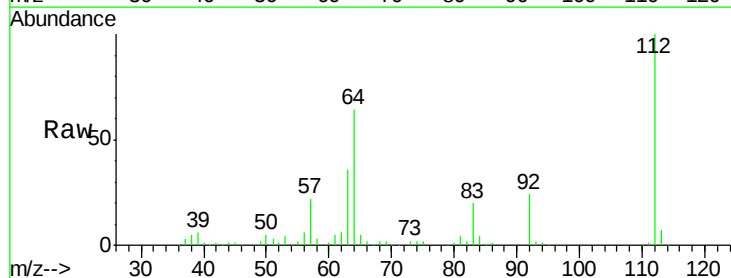
Tgt Ion:152 Resp: 30237
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 60.0 54.6 81.8

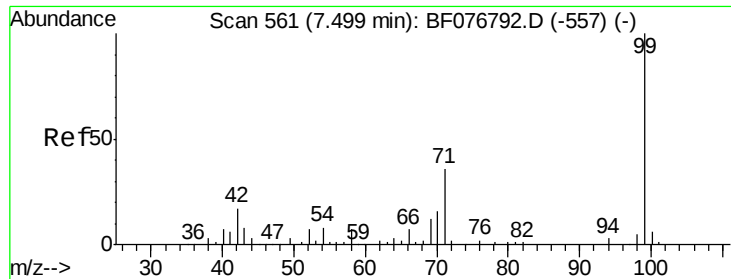


#5

2-Fluorophenol
Concen: 128.51 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076801.D
Acq: 9 Jan 2015 23:57

Tgt Ion:112 Resp: 236230
Ion Ratio Lower Upper
112 100
64 64.4 50.2 75.4
63 35.7 27.8 41.6





#7

Phenol-d6

Concen: 125.52 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076801.D

Acq: 9 Jan 2015 23:57

Instrument :

BNA_F

ClientSampleId :

PB81263BL

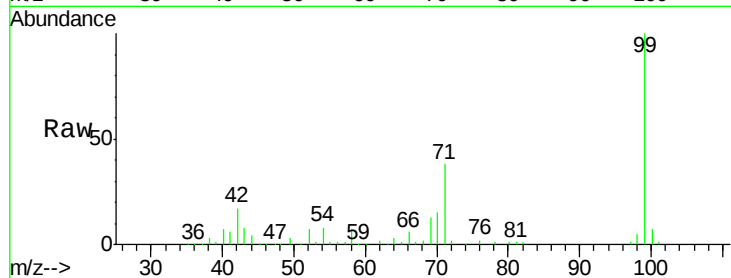
Tgt Ion: 99 Resp: 290711

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

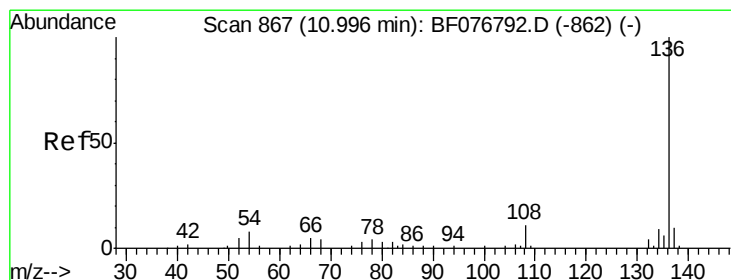
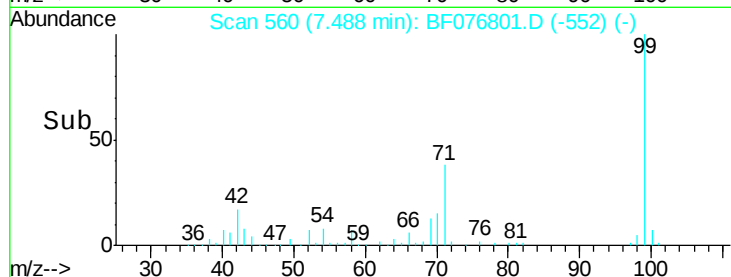
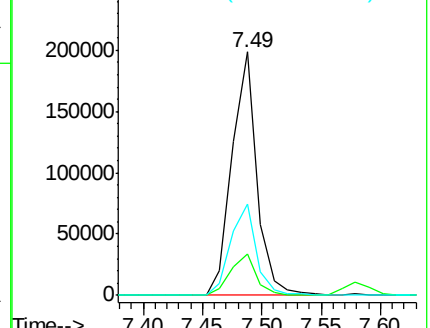
71 37.5 29.2 43.8



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: BF076801.D

Acq: 9 Jan 2015 23:57

Tgt Ion: 136 Resp: 131276

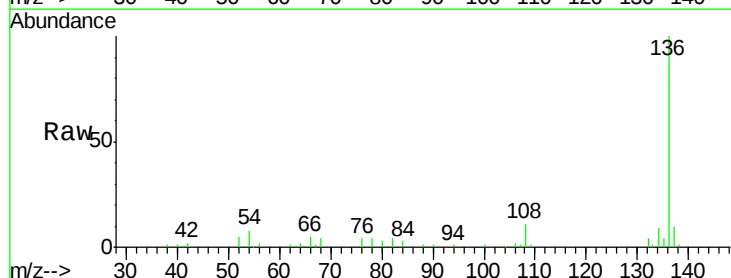
Ion Ratio Lower Upper

136 100

137 10.4 8.1 12.1

54 8.3 6.3 9.5

68 4.2 3.4 5.0

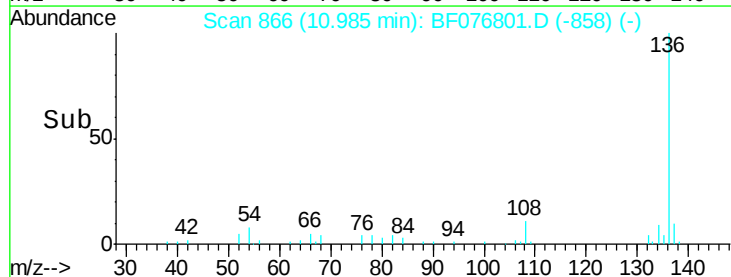
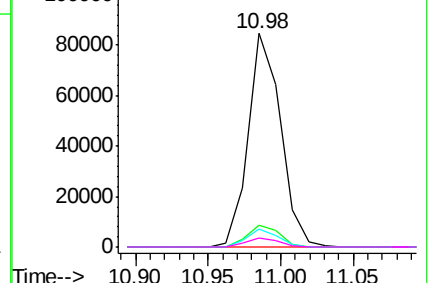


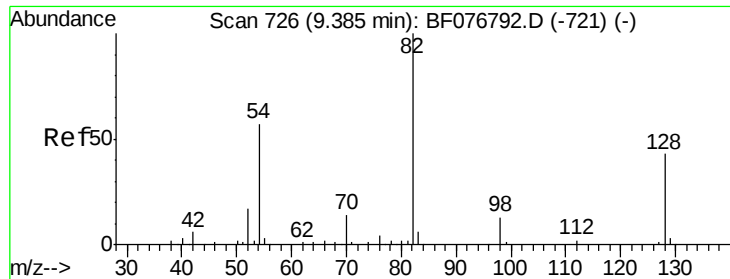
Abundance Ion 136.00 (135.70 to 136.70): E

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

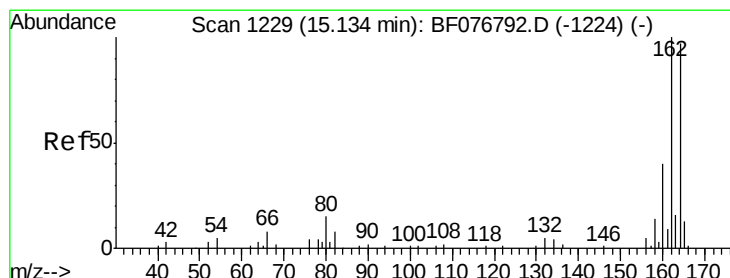
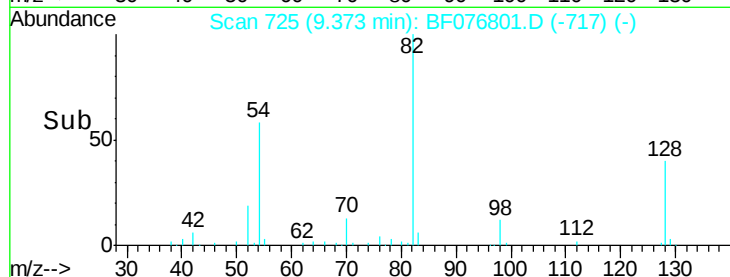
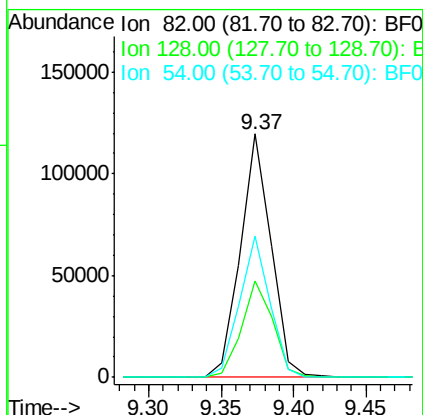
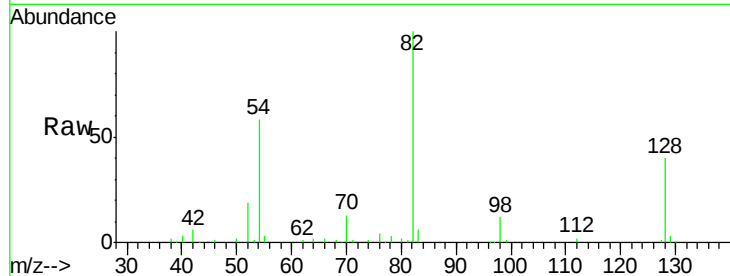




#23
 Nitrobenzene-d5
 Concen: 72.73 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076801.D
 Acq: 9 Jan 2015 23:57

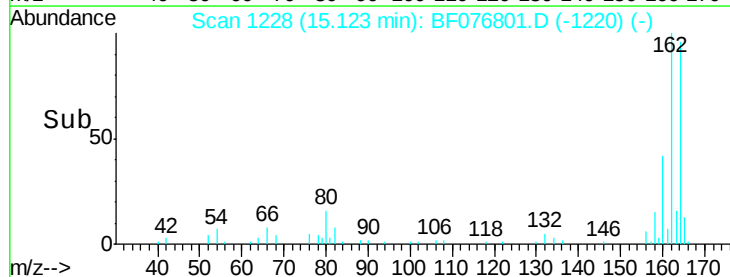
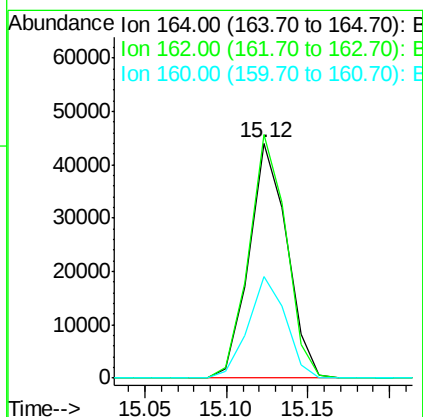
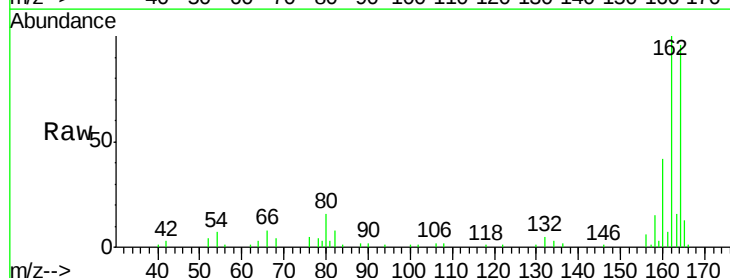
Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

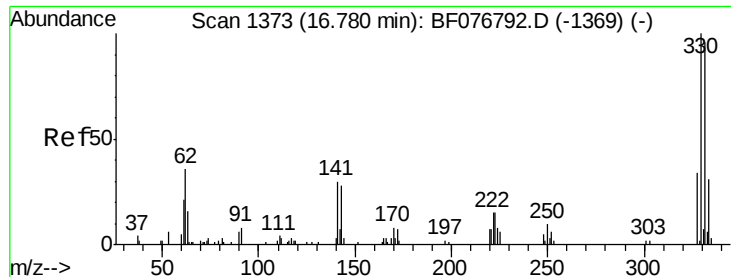
Tgt Ion: 82 Resp: 175478
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.0 51.0
 54 58.2 45.6 68.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076801.D
 Acq: 9 Jan 2015 23:57

Tgt Ion: 164 Resp: 71131
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.5 123.7
 160 43.5 33.1 49.7





#41

2,4,6-Tribromophenol

Concen: 119.84 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076801.D

Acq: 9 Jan 2015 23:57

Instrument :

BNA_F

ClientSampleId :

PB81263BL

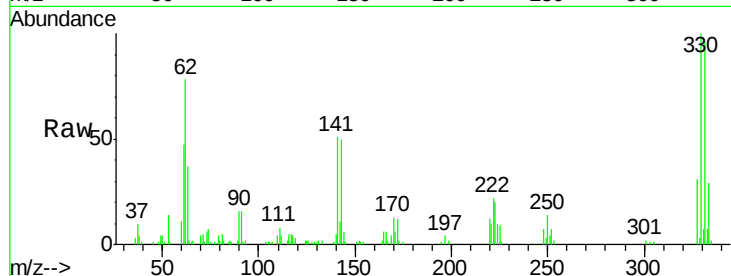
Tgt Ion:330 Resp: 73041

Ion Ratio Lower Upper

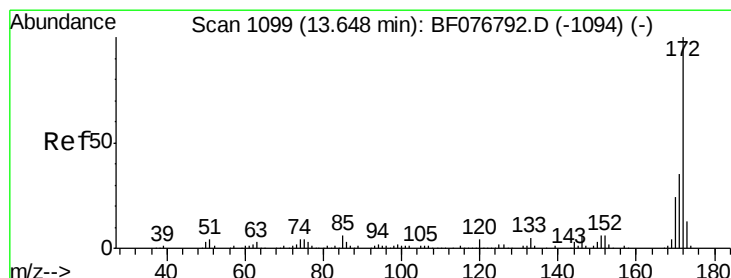
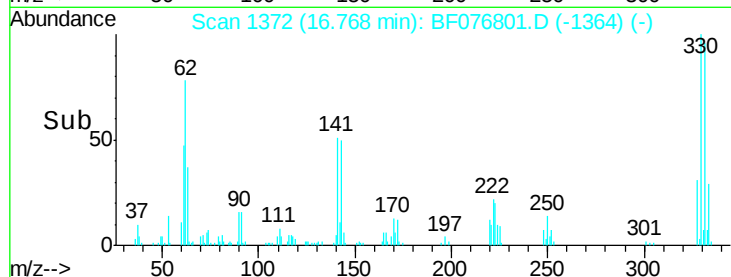
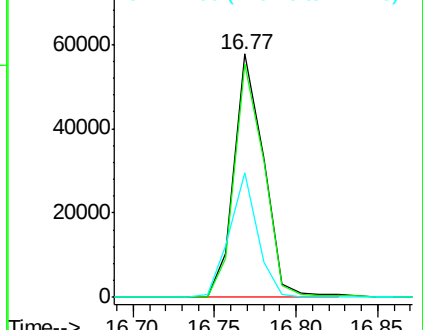
330 100

332 94.5 74.8 112.2

141 48.4 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: 75.22 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076801.D

Acq: 9 Jan 2015 23:57

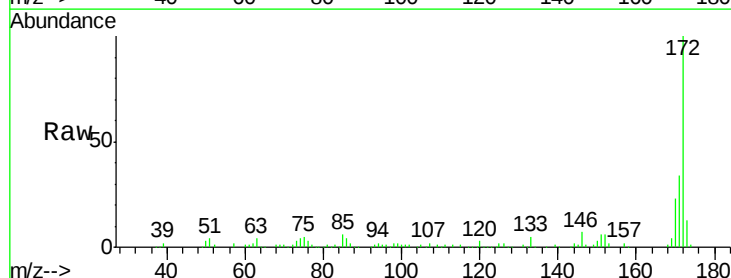
Tgt Ion:172 Resp: 367695

Ion Ratio Lower Upper

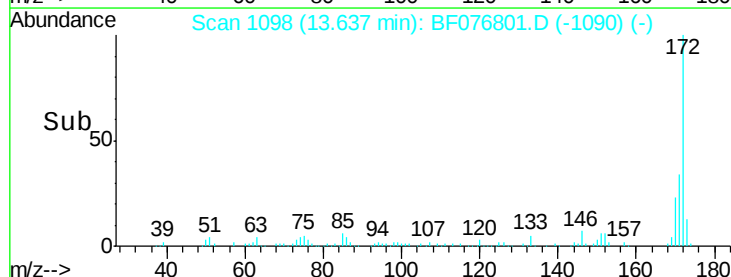
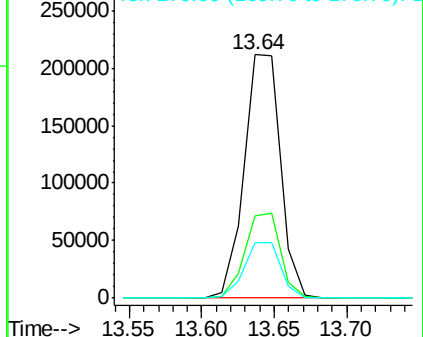
172 100

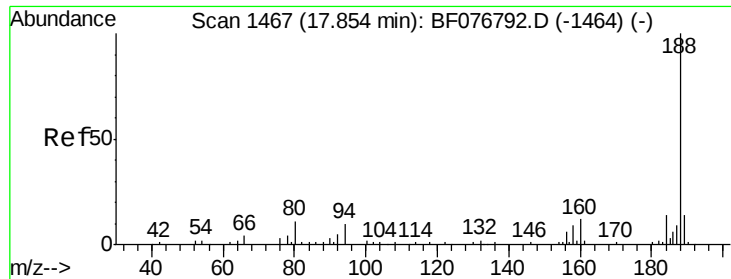
171 33.9 27.8 41.8

170 22.5 18.8 28.2



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

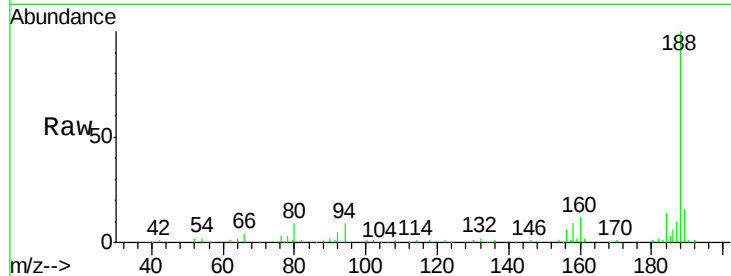




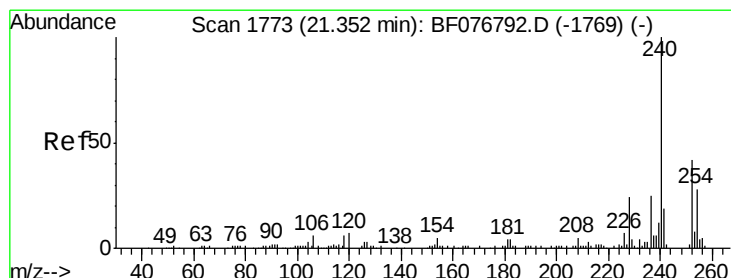
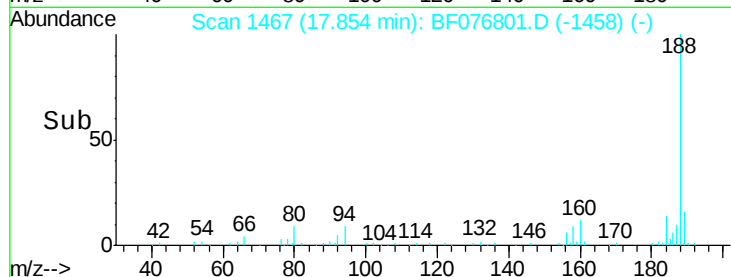
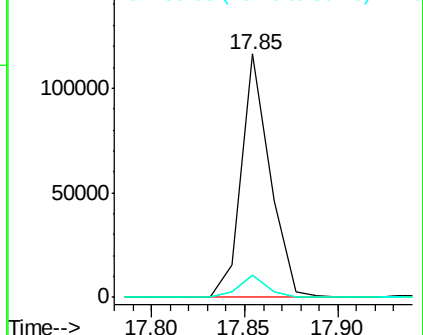
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076801.D
Acq: 9 Jan 2015 23:57

Instrument :
BNA_F
ClientSampleId :
PB81263BL

Tgt Ion:188 Resp: 124052
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.1 8.6 13.0

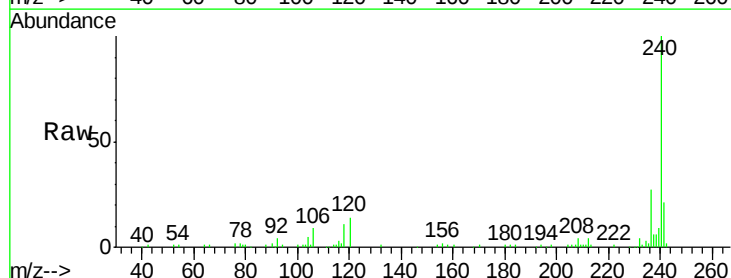


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

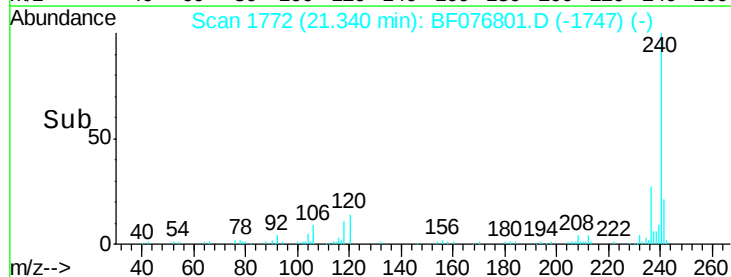
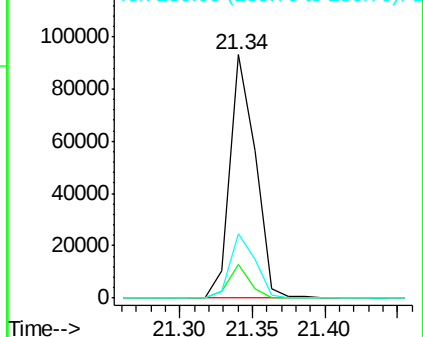


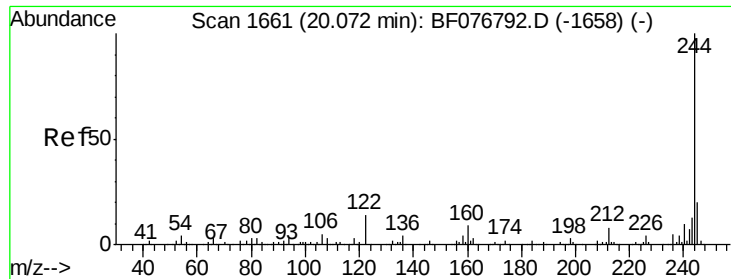
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076801.D
Acq: 9 Jan 2015 23:57

Tgt Ion:240 Resp: 112935
Ion Ratio Lower Upper
240 100
120 13.7 5.7 8.5#
236 26.7 19.7 29.5



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

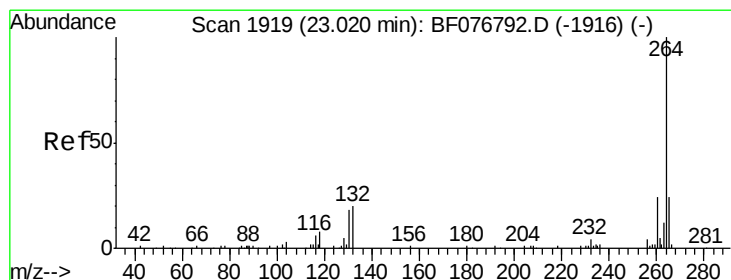
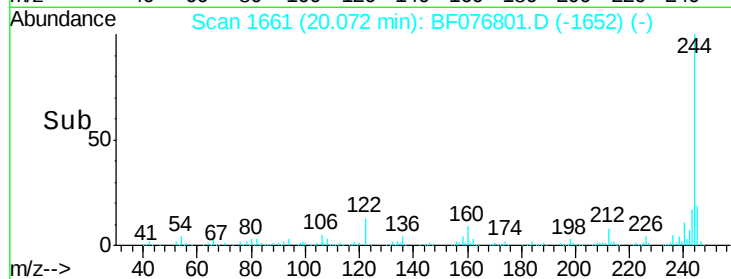
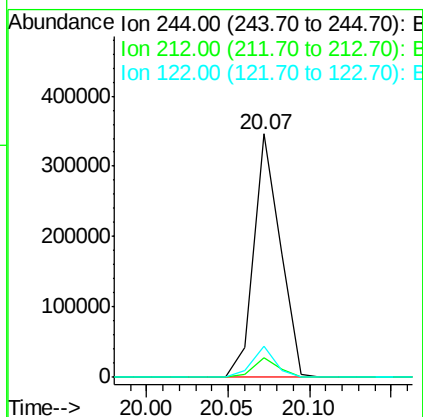
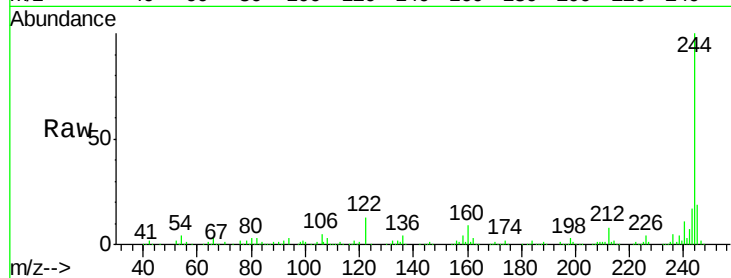




#78
 Terphenyl-d14
 Concen: 74.60 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF076801.D
 Acq: 9 Jan 2015 23:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

Tgt Ion:244 Resp: 391146
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.6 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF076801.D
 Acq: 9 Jan 2015 23:57

Tgt Ion:264 Resp: 103450
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 21.4 18.9 28.3

