

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086014.D
 Acq On : 2 Apr 2016 16:24
 Operator : UM/SJ
 Sample : H2080-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1NW

Quant Time: Apr 04 03:08:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

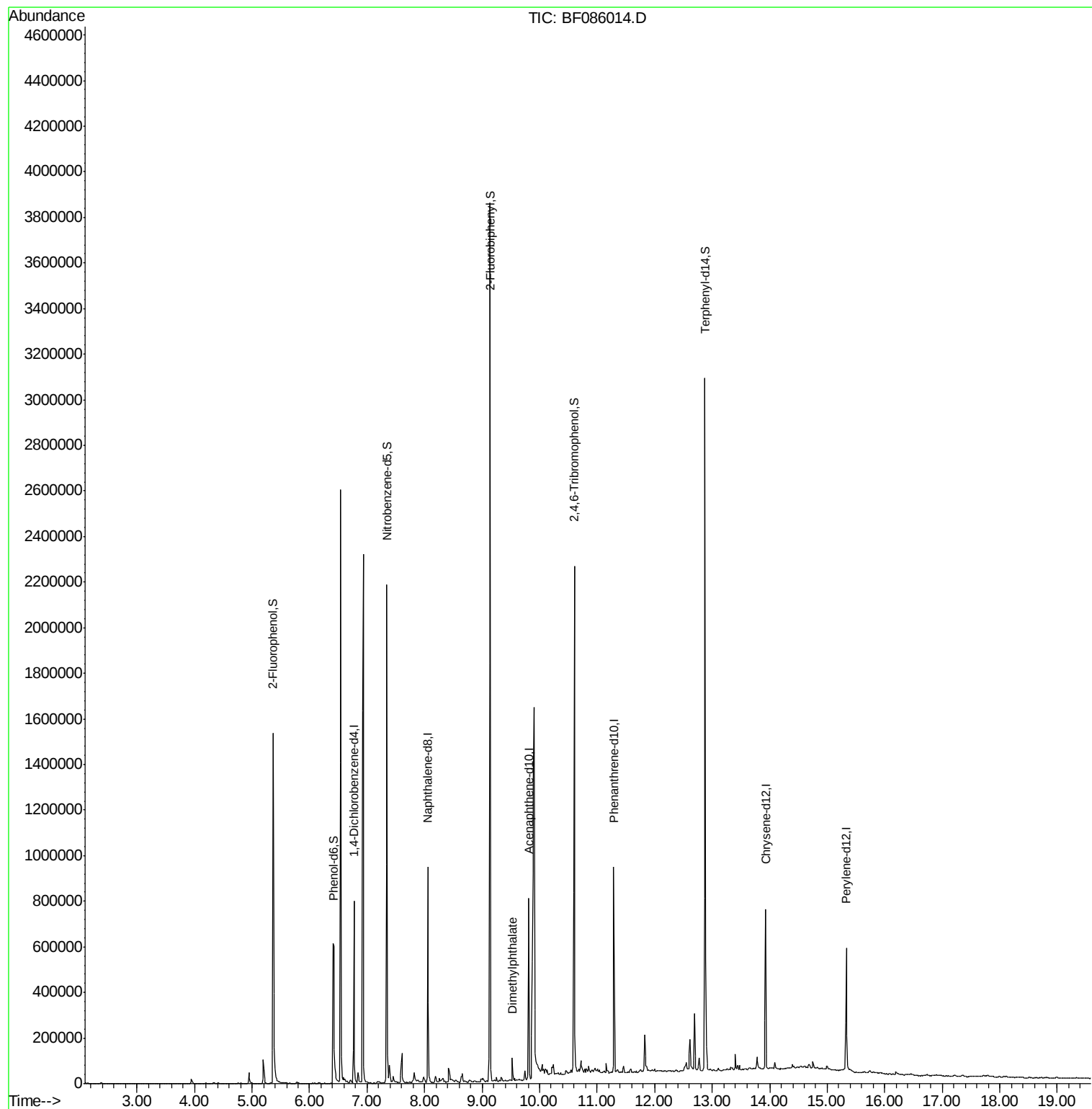
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	122974	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	462262	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	208601	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	368715	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	240111	20.00	ng	0.00
86) Perylene-d12	15.33	264	219720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	490670	68.20	ng	0.00
7) Phenol-d6	6.42	99	397972	43.55	ng	0.00
23) Nitrobenzene-d5	7.34	82	821684	104.82	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	290644	148.45	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1337480	106.61	ng	0.00
78) Terphenyl-d14	12.88	244	978294	95.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	37682	2.44	ng	Qvalue 99

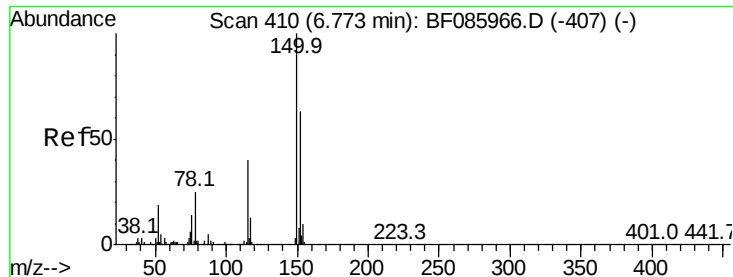
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

B-1NW

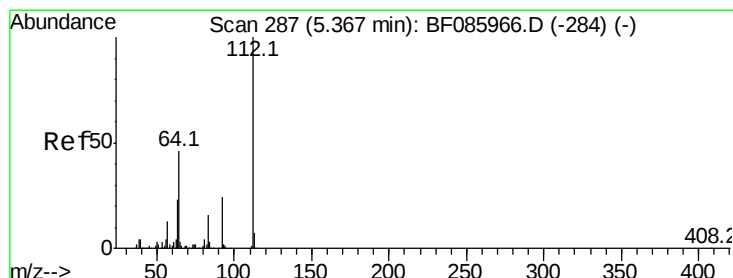
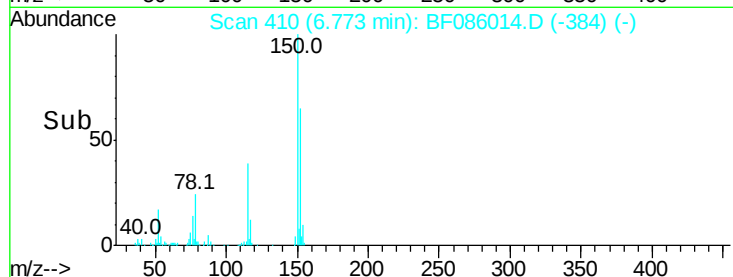
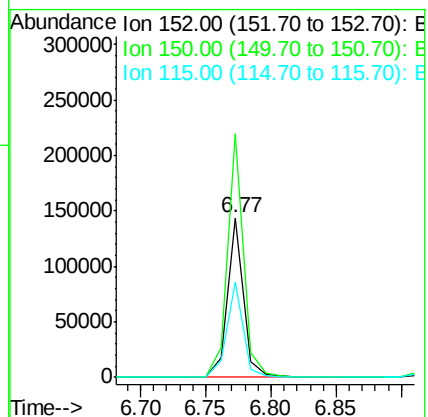
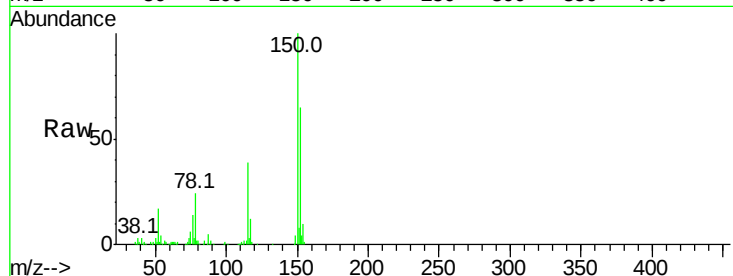
Tot Ion:152 Resp: 122974

Ion Ratio Lower Upper

152 100

150 152.9 124.2 186.2

115 60.0 47.0 70.6



#5

2-Fluorophenol

Concen: 68.20 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

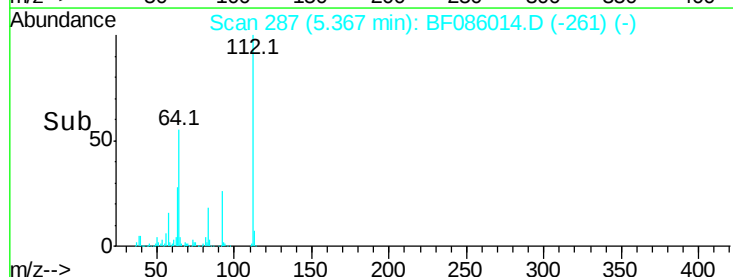
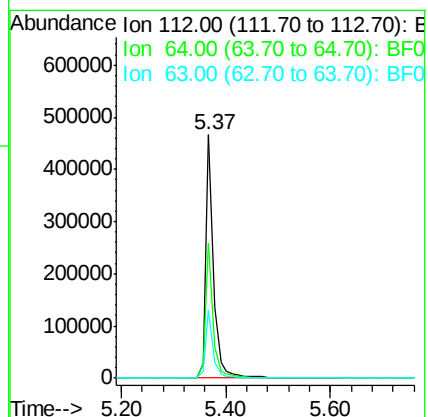
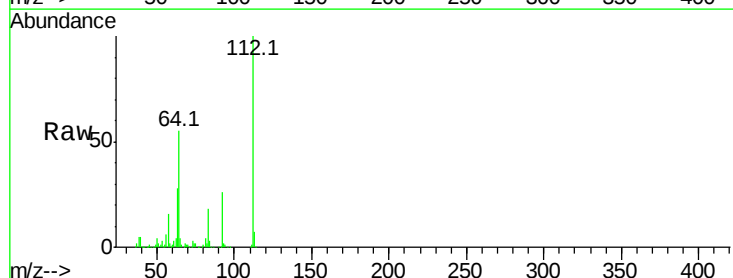
Tgt Ion:112 Resp: 490670

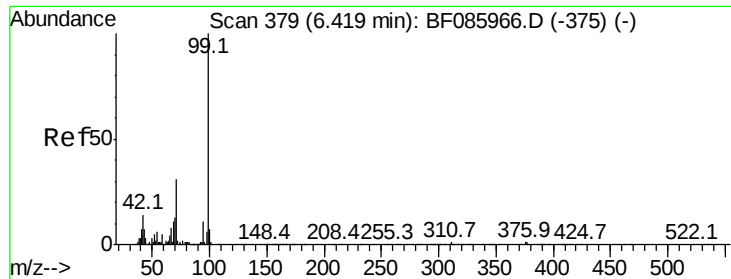
Ion Ratio Lower Upper

112 100

64 55.4 39.9 59.9

63 28.0 20.2 30.2





#7

Phenol-d6

Concen: 43.55 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

B-1NW

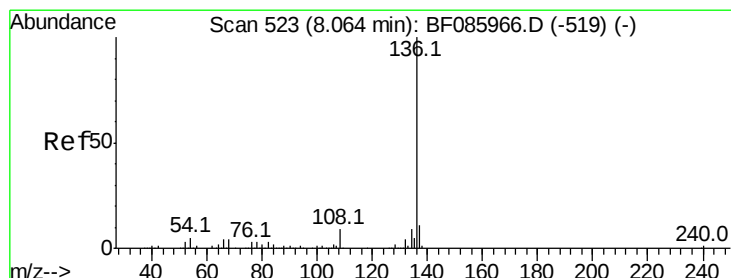
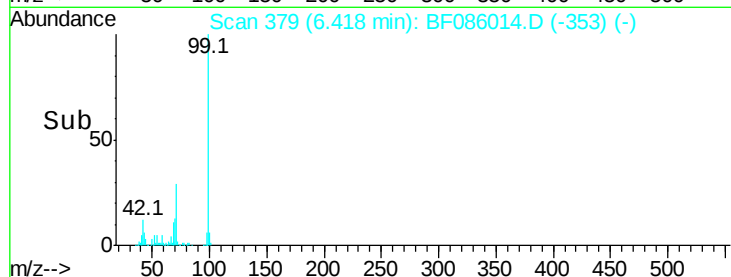
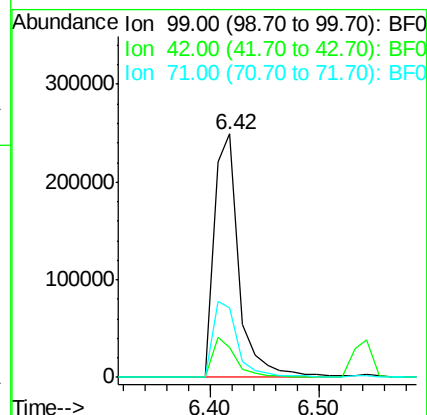
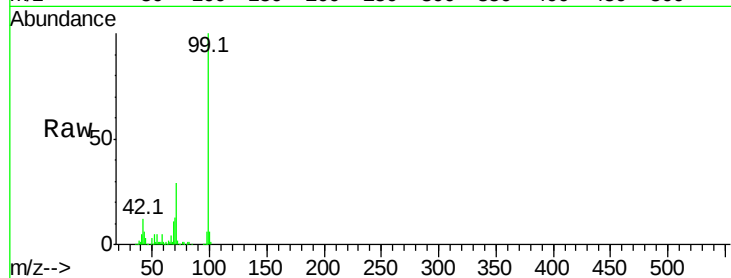
Tot Ion: 99 Resp: 397972

Ion Ratio Lower Upper

99 100

42 12.4 11.1 16.7

71 28.8 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Tgt Ion: 136 Resp: 462262

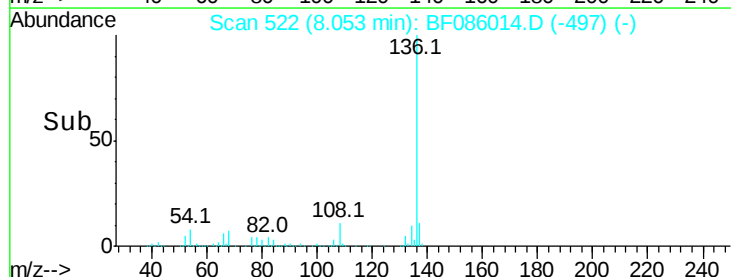
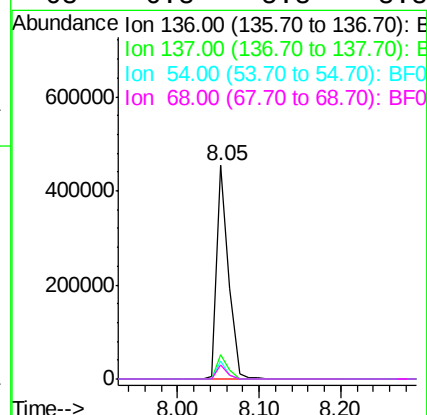
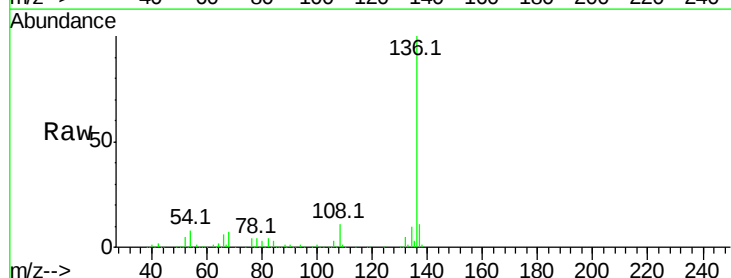
Ion Ratio Lower Upper

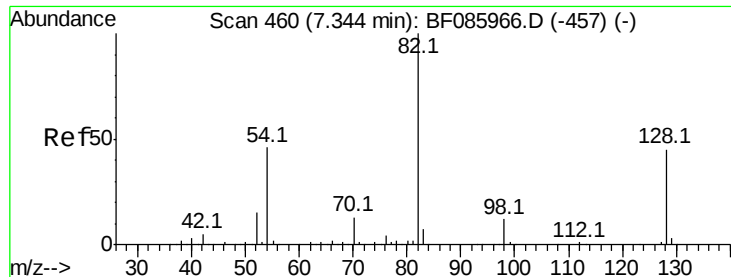
136 100

137 11.3 9.1 13.7

54 8.3 7.4 11.0

68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 104.82 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

B-1NW

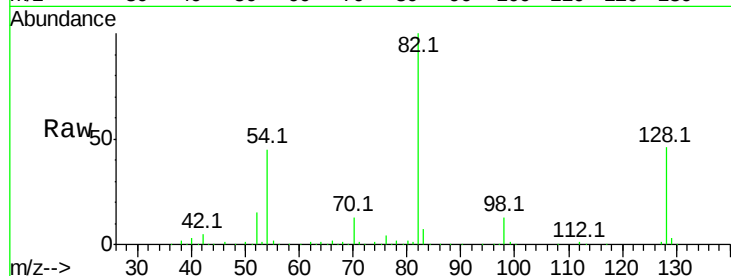
Tot Ion: 82 Resp: 821684

Ion Ratio Lower Upper

82 100

128 46.4 41.8 62.8

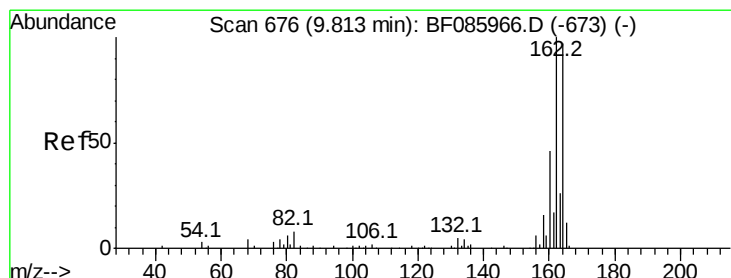
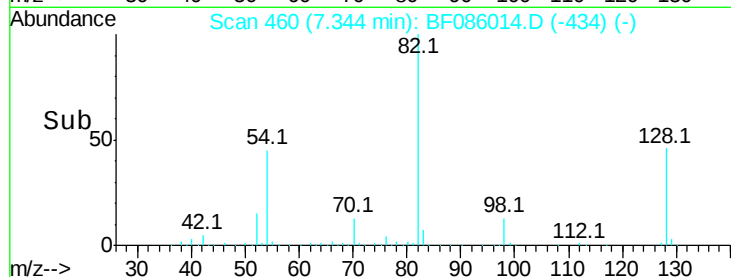
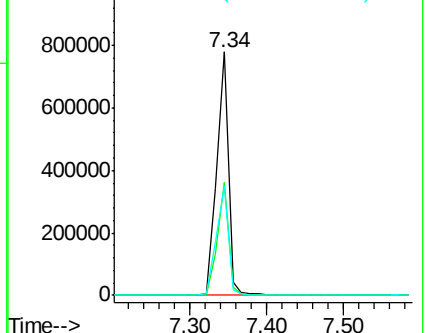
54 44.7 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

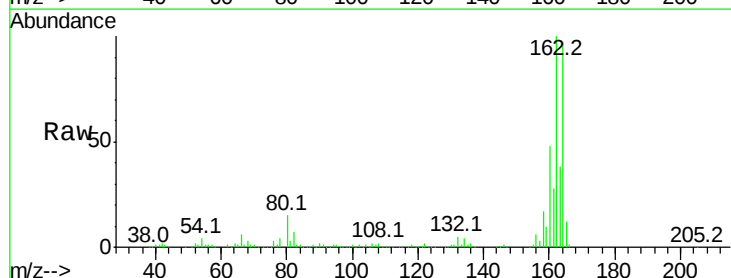
Tgt Ion:164 Resp: 208601

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

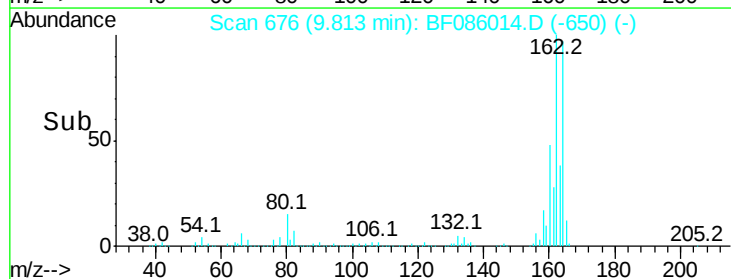
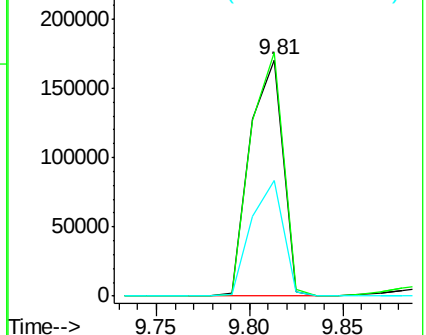
160 49.1 37.4 56.2

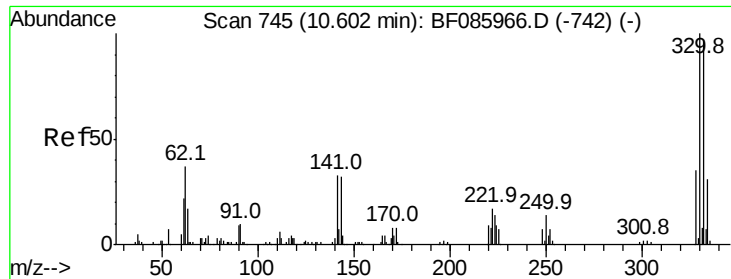


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

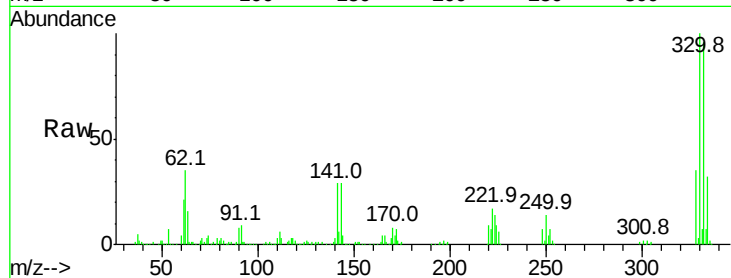




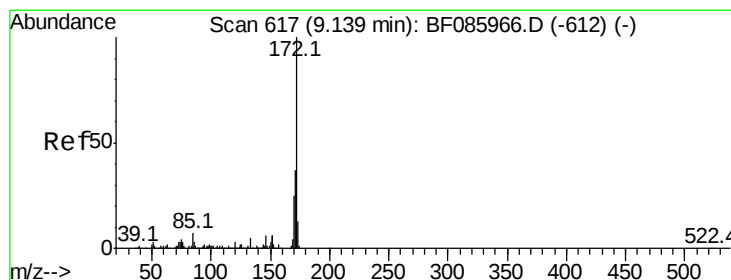
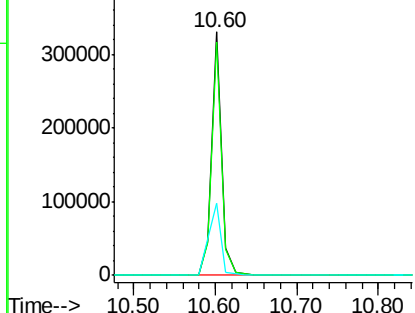
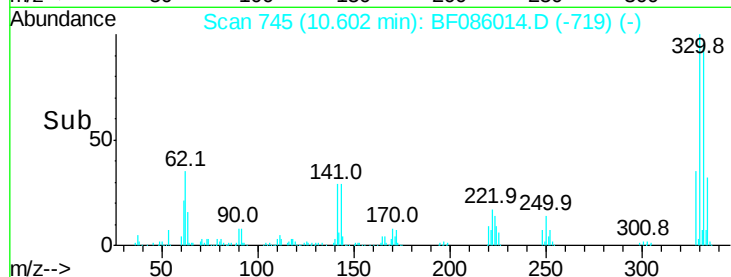
#41
 2,4,6-Tribromophenol
 Concen: 148.45 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086014.D
 Acq: 2 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampled :
 B-1NW

Tot Ion:330 Resp: 290644
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 37.3 31.5 47.3

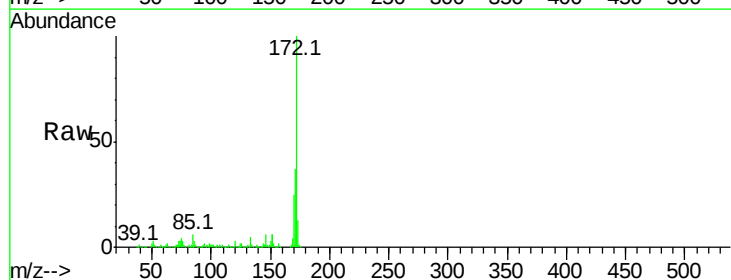


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

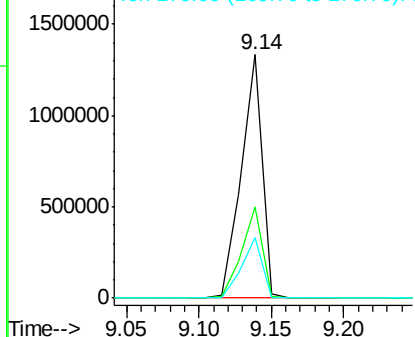
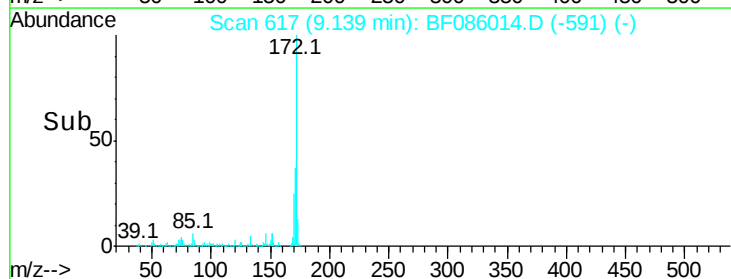


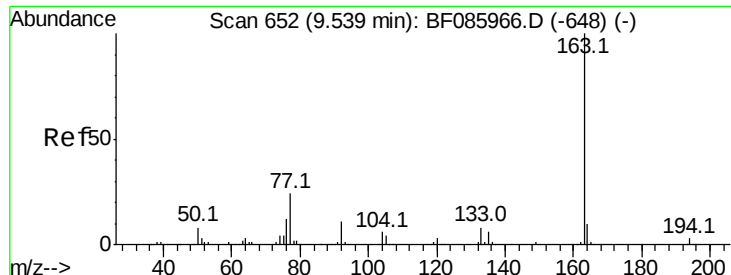
#44
 2-Fluorobiphenyl
 Concen: 106.61 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086014.D
 Acq: 2 Apr 2016 16:24

Tgt Ion:172 Resp: 1337480
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.2
 170 25.1 19.8 29.6



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

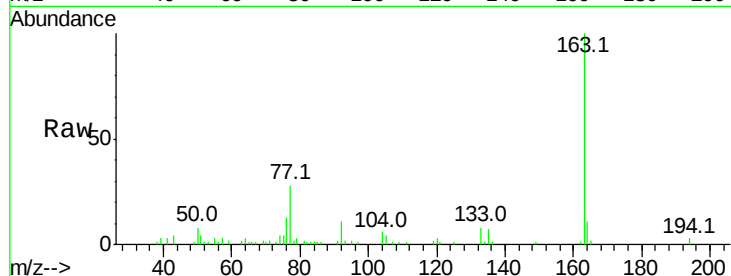




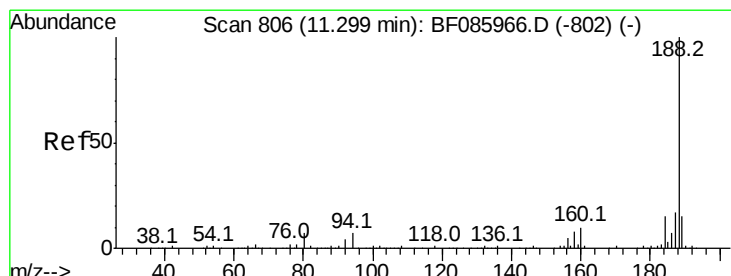
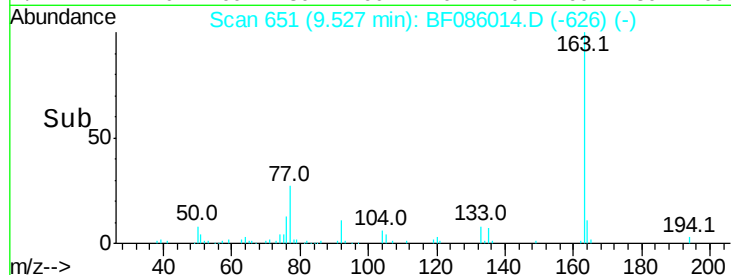
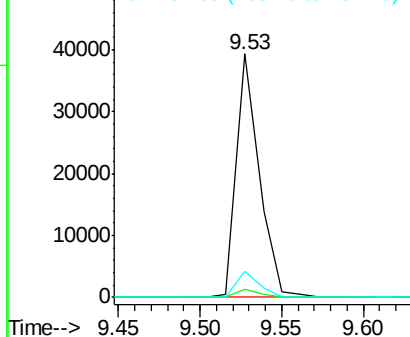
#49
Dimethylphthalate
Concen: 2.44 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :
B-1NW

Tot Ion:163 Resp: 37682
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.6 8.3 12.5

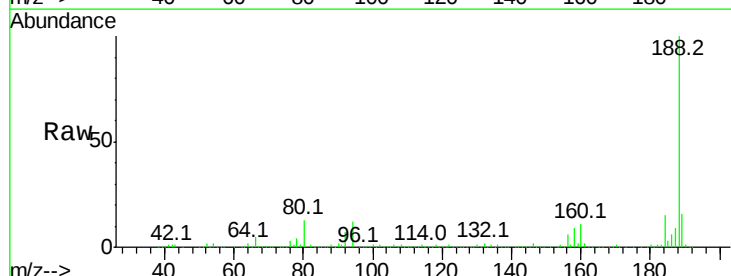


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

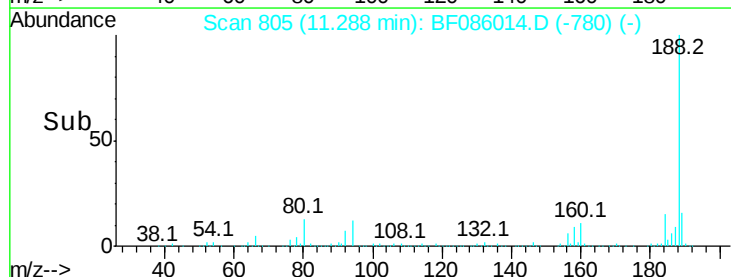
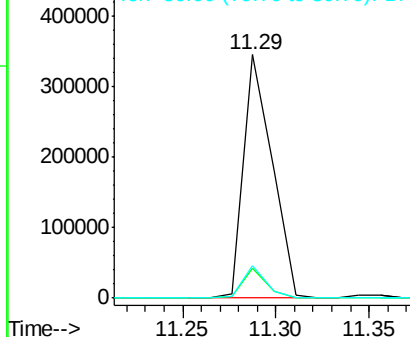


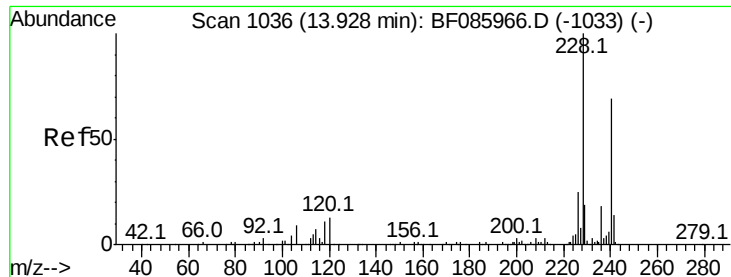
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Tgt Ion:188 Resp: 368715
Ion Ratio Lower Upper
188 100
94 12.4 5.4 8.0#
80 13.4 5.5 8.3#



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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

B-1NW

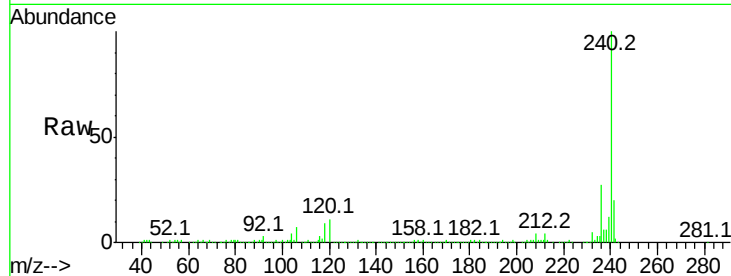
Tot Ion:240 Resp: 240111

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

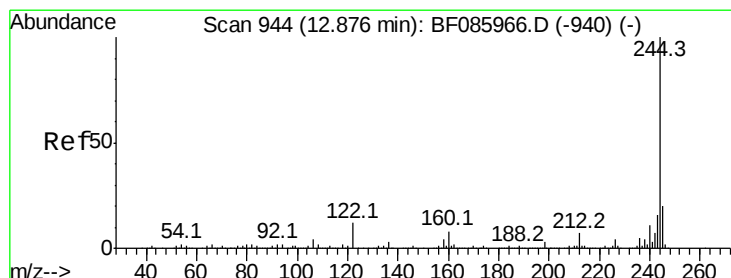
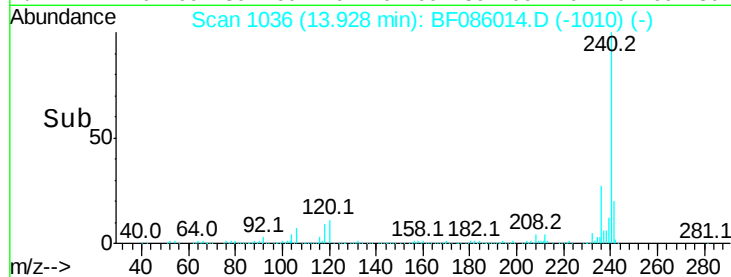
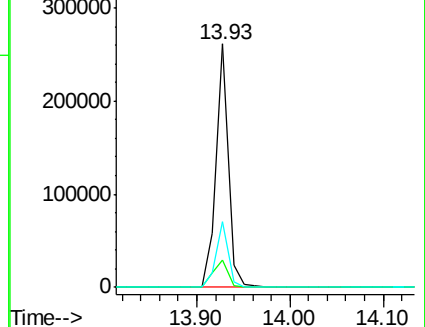
236 26.8 20.6 30.8



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: 95.77 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

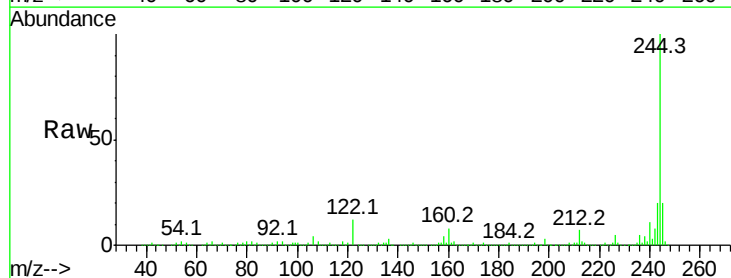
Tgt Ion:244 Resp: 978294

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

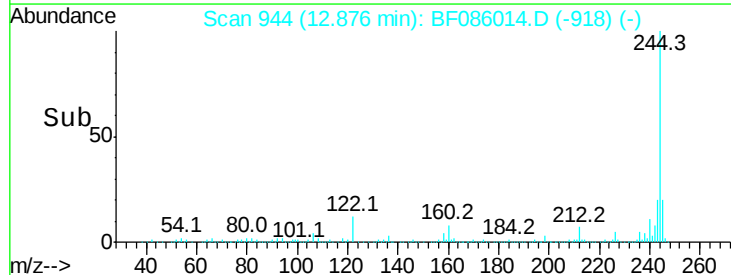
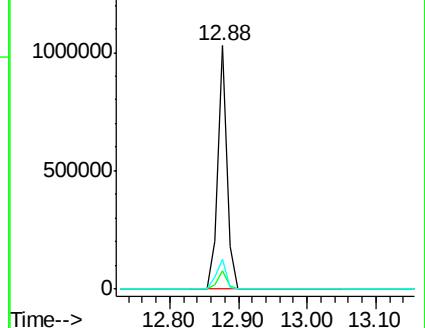
122 12.4 10.2 15.4

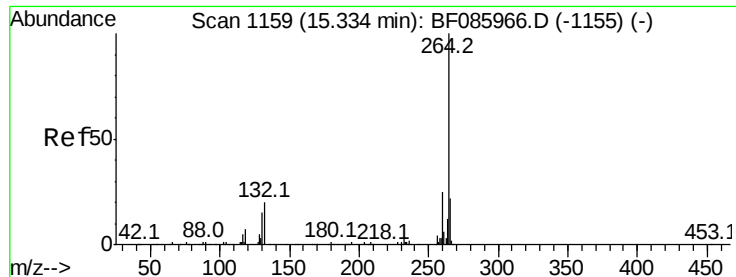


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
B-1NW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.2	25.8

