

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082450.D
 Acq On : 22 Oct 2015 17:40
 Operator : UM/IZ
 Sample : PB86210BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BL

Quant Time: Oct 23 05:55:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

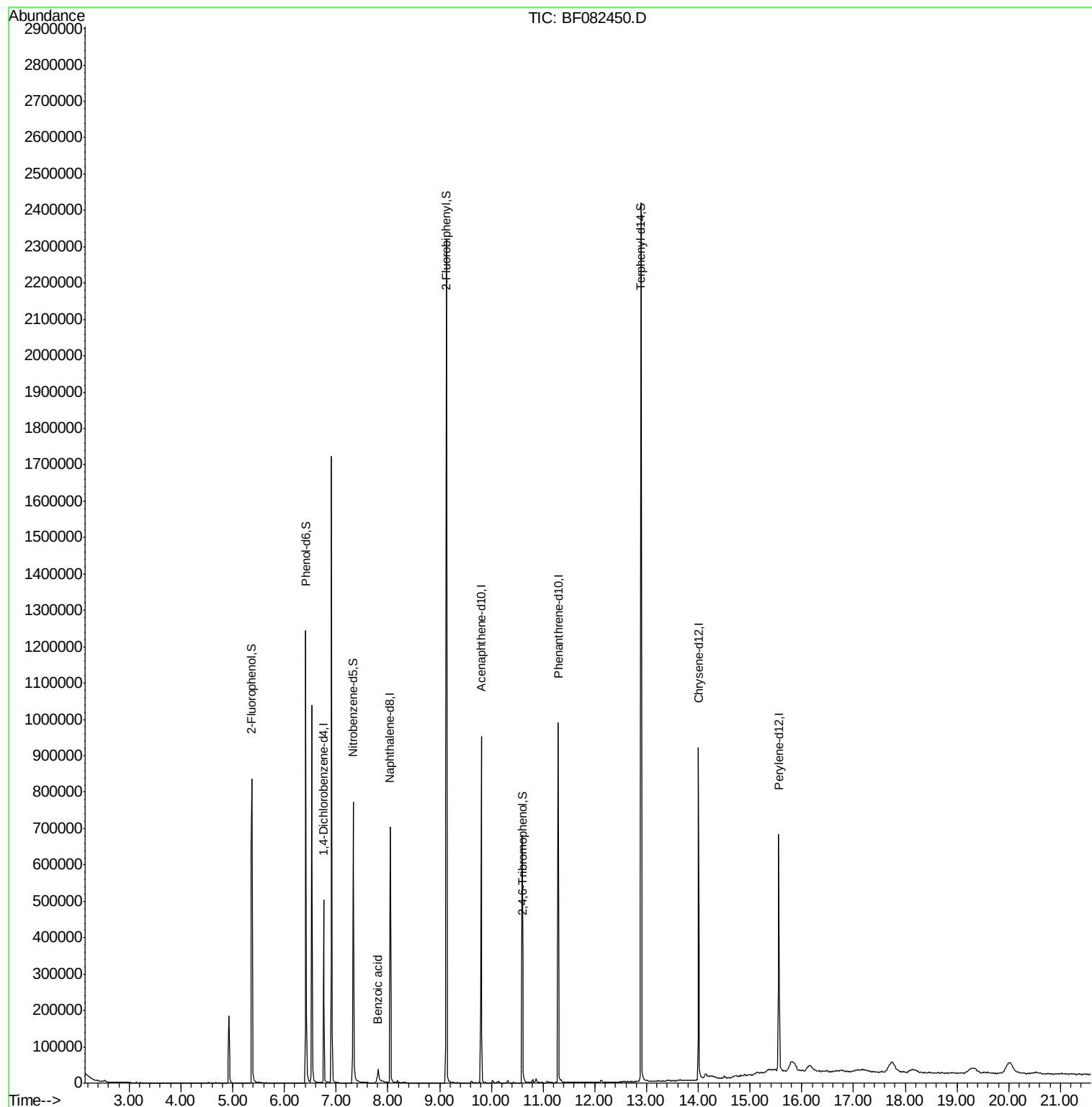
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	92528	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	368105	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	198199	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	386581	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	384598	20.00	ng	-0.01
86) Perylene-d12	15.56	264	307274	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	334754	73.02	ng	0.01
7) Phenol-d6	6.41	99	435772	73.04	ng	-0.01
23) Nitrobenzene-d5	7.33	82	375391	68.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	87591	47.12	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	817560	68.41	ng	-0.01
78) Terphenyl-d14	12.89	244	818961	56.43	ng	-0.01
Target Compounds						
32) Benzoic acid	7.81	122	31242	9.75	ng	Qvalue 90

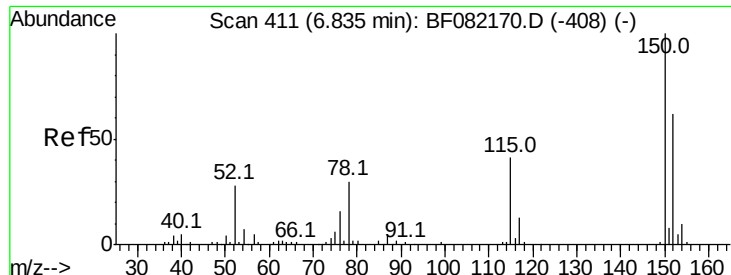
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 13:20:24 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB86210BL

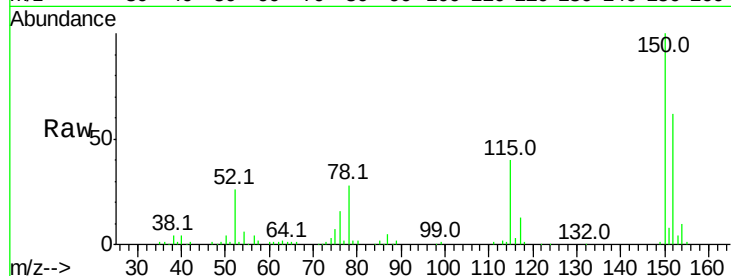
Tot Ion:152 Resp: 92528

Ion Ratio Lower Upper

152 100

150 161.2 129.0 193.4

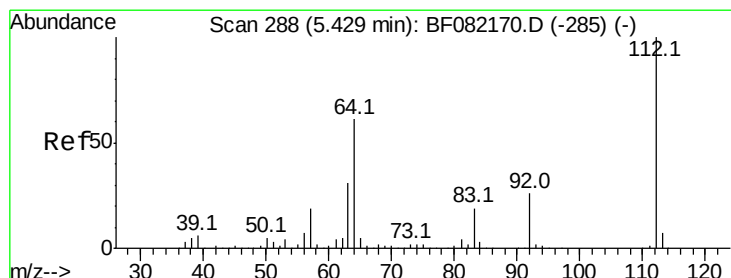
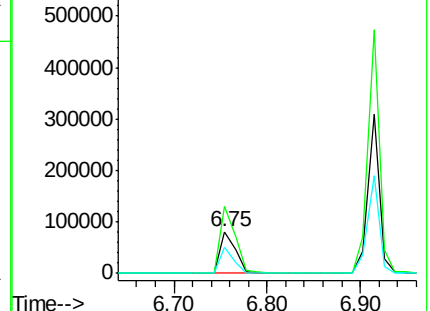
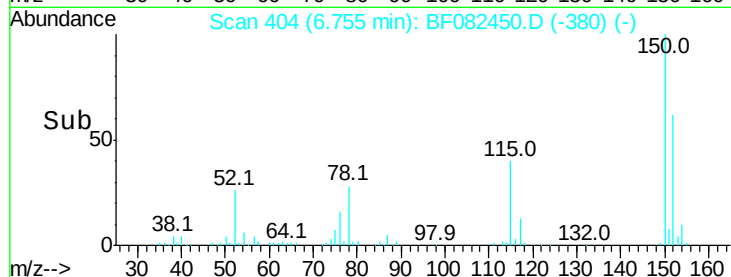
115 64.0 52.1 78.1



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: 73.02 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

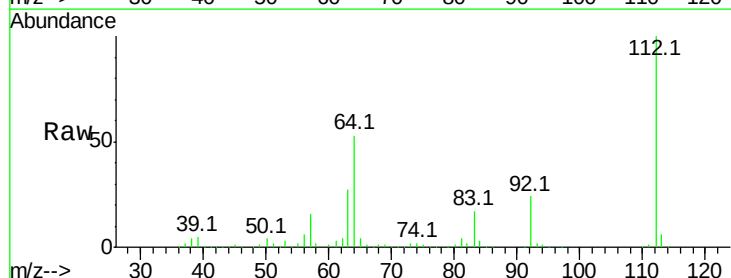
Tgt Ion:112 Resp: 334754

Ion Ratio Lower Upper

112 100

64 52.7 48.6 73.0

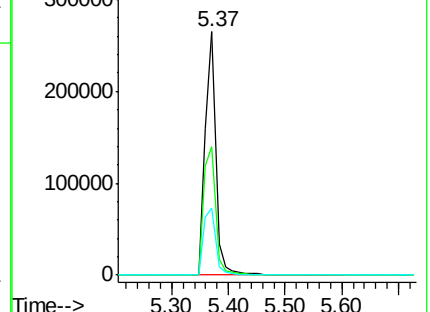
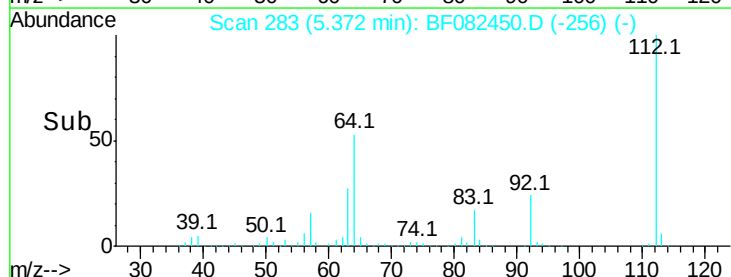
63 27.3 25.1 37.7

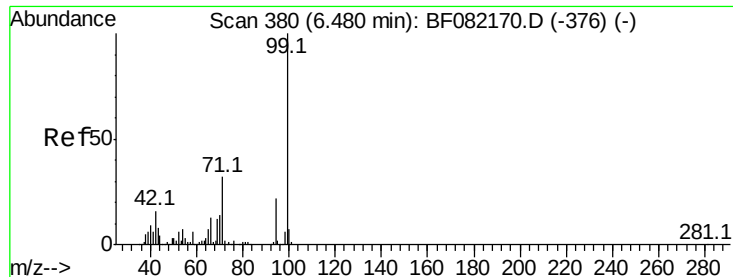


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 73.04 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB86210BL

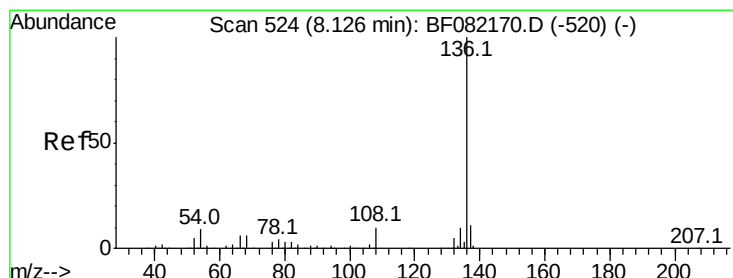
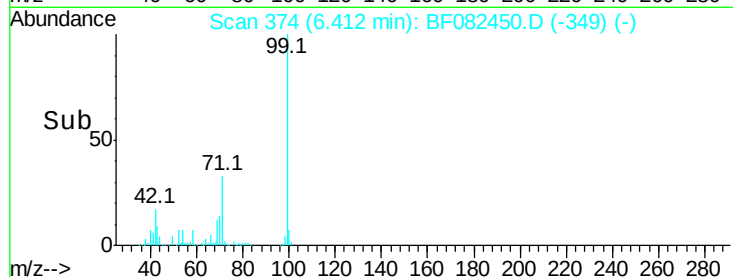
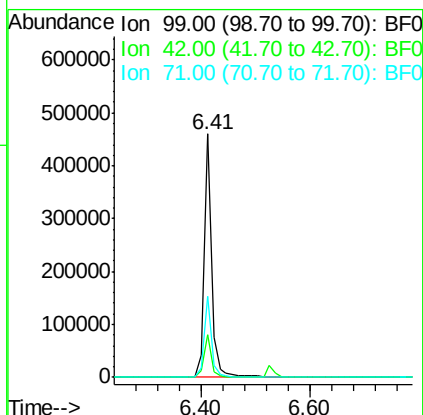
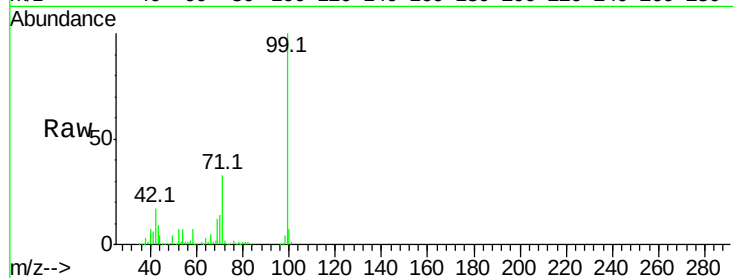
Tot Ion: 99 Resp: 435772

Ion Ratio Lower Upper

99 100

42 17.3 13.2 19.8

71 33.4 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

Tgt Ion: 136 Resp: 368105

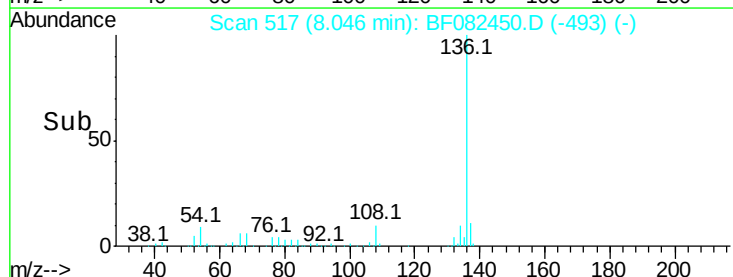
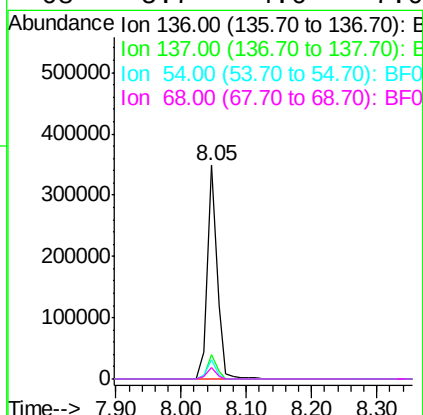
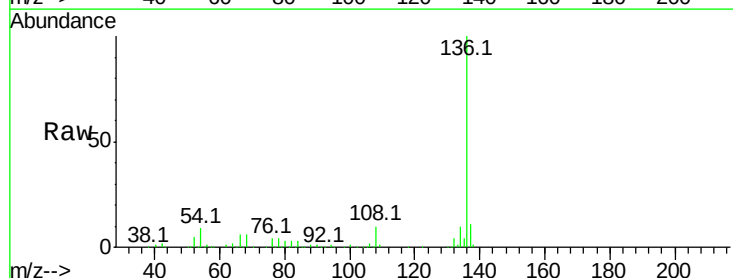
Ion Ratio Lower Upper

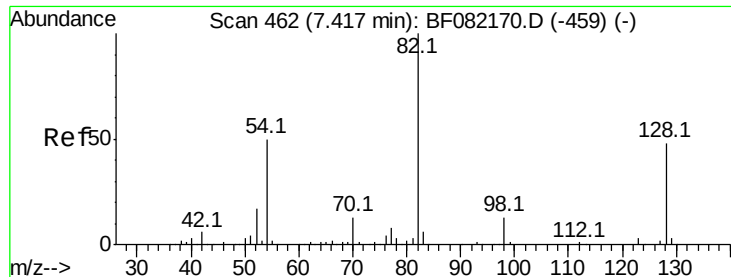
136 100

137 11.2 9.0 13.6

54 8.9 7.5 11.3

68 5.7 4.6 7.0

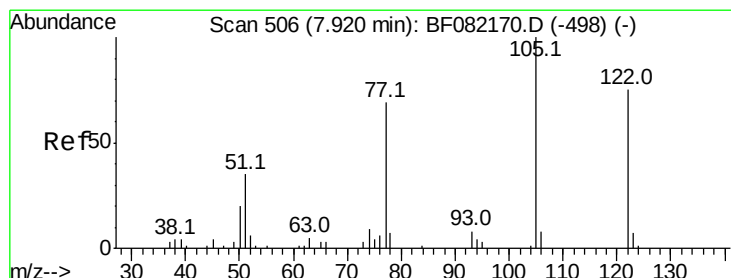
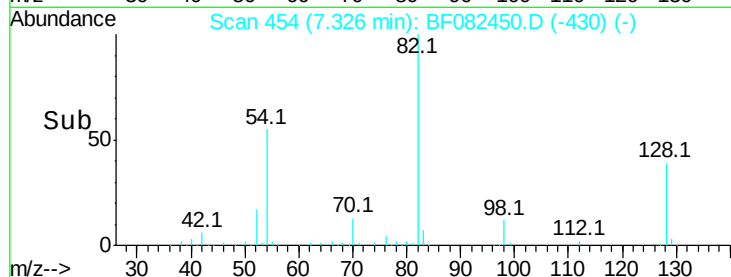
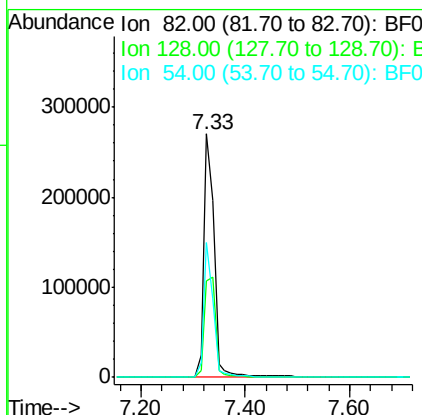
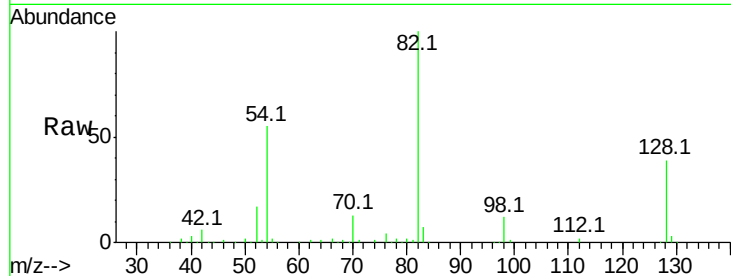




#23
 Nitrobenzene-d5
 Concen: 68.48 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF082450.D
 Acq: 22 Oct 2015 17:40

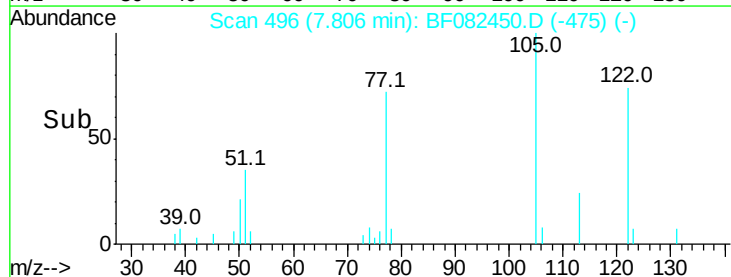
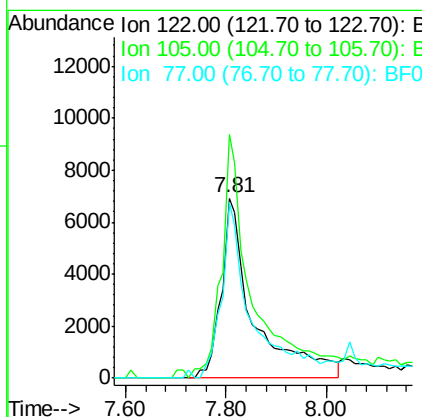
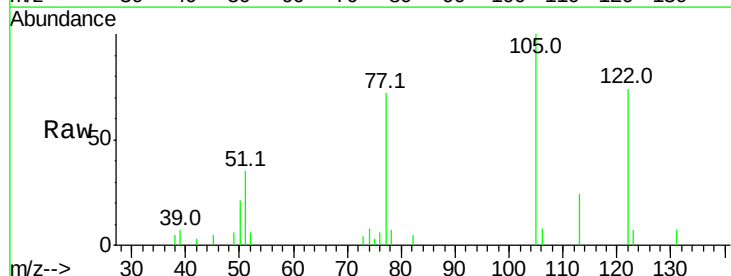
Instrument :
 BNA_F
 ClientSampleId :
 PB86210BL

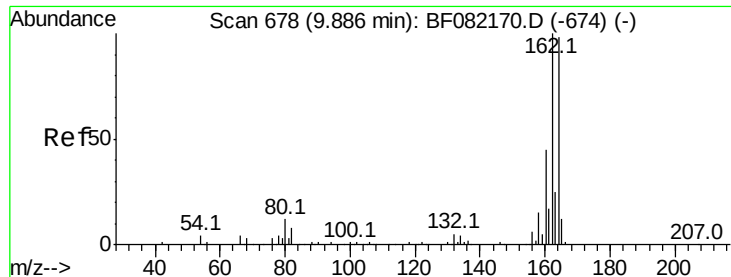
Tot Ion: 82 Resp: 375391
 Ion Ratio Lower Upper
 82 100
 128 39.5 38.7 58.1
 54 55.2 40.1 60.1



#32
 Benzoic acid
 Concen: 9.75 ng
 RT: 7.81 min Scan# 496
 Delta R.T. -0.06 min
 Lab File: BF082450.D
 Acq: 22 Oct 2015 17:40

Tgt Ion: 122 Resp: 31242
 Ion Ratio Lower Upper
 122 100
 105 135.6 104.4 144.4
 77 98.2 69.0 109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB86210BL

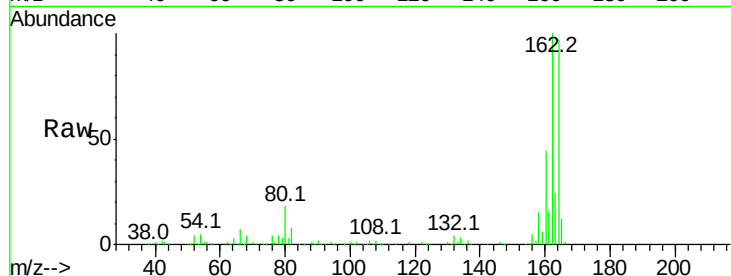
Tot Ion:164 Resp: 198199

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

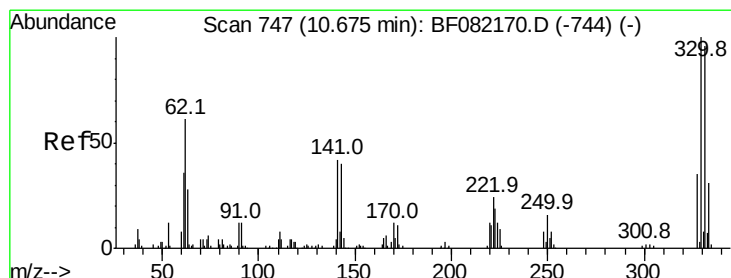
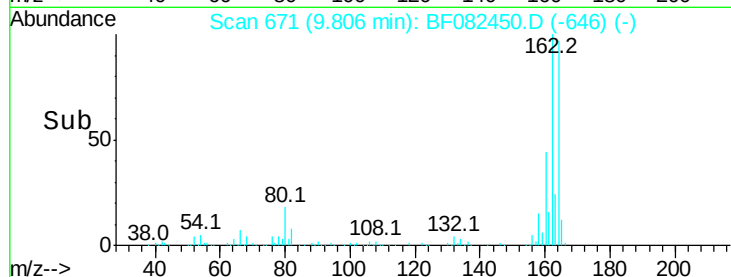
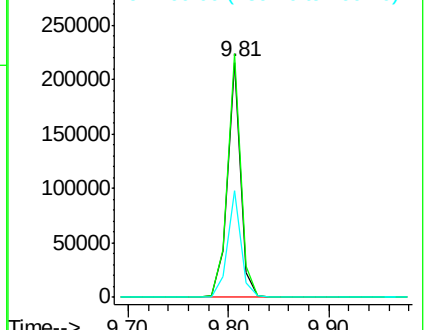
160 45.3 36.4 54.6



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: 47.12 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

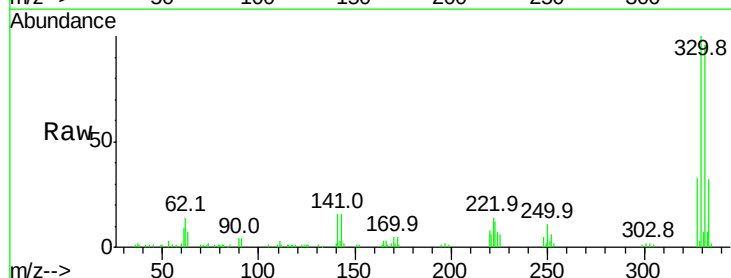
Tgt Ion:330 Resp: 87591

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

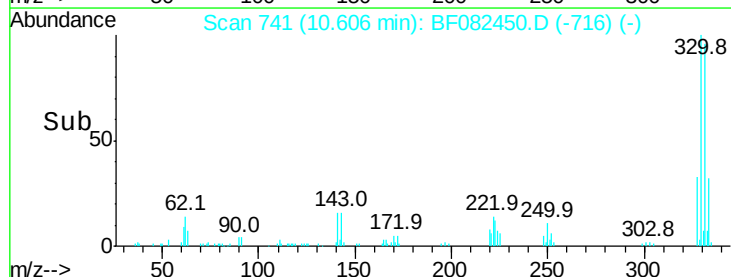
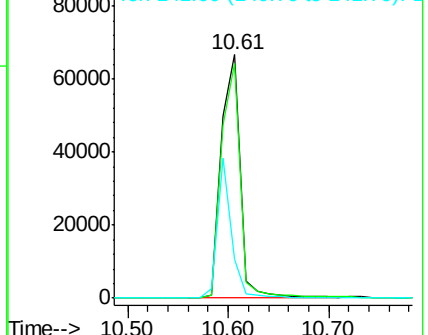
141 42.7 29.8 44.8

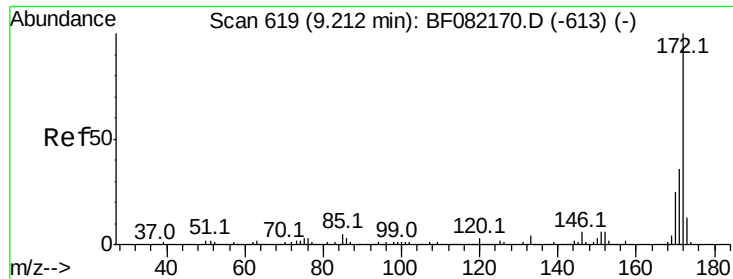


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

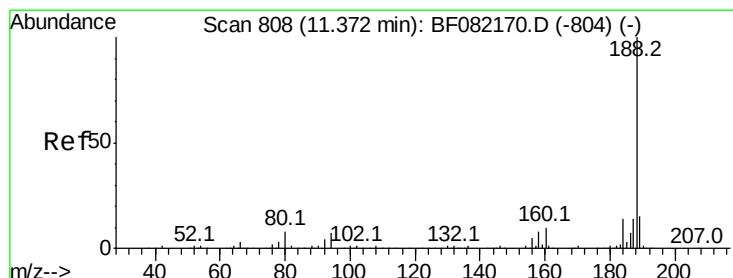
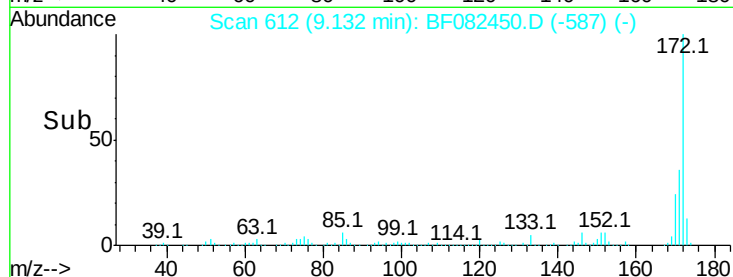
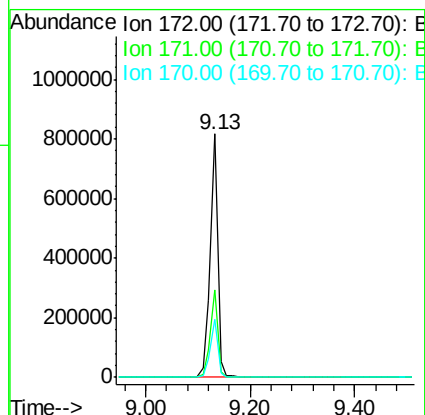
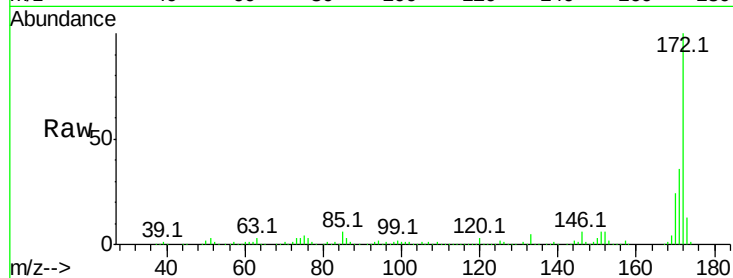




#44
 2-Fluorobiphenyl
 Concen: 68.41 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082450.D
 Acq: 22 Oct 2015 17:40

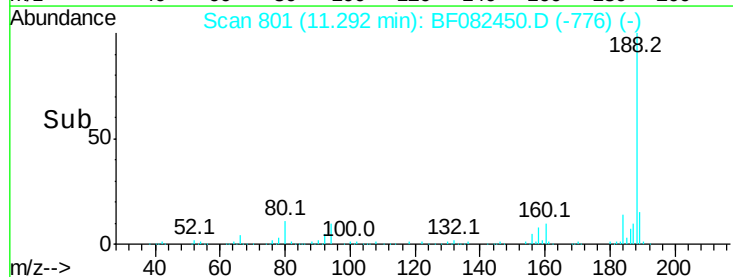
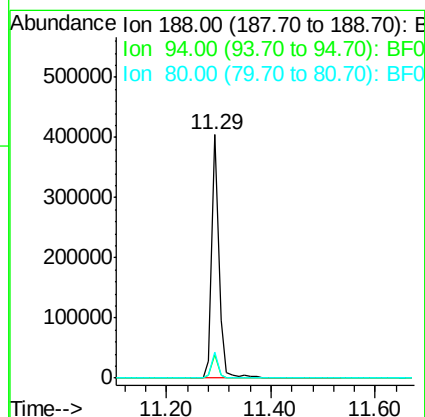
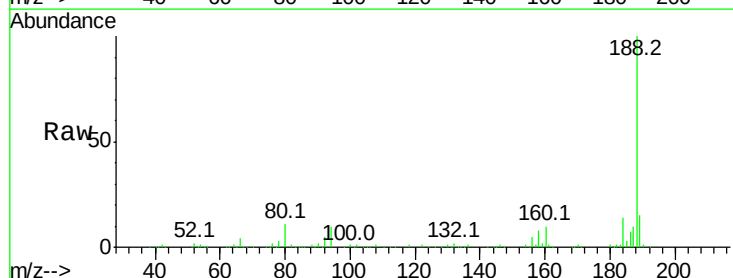
Instrument :
 BNA_F
 ClientSampled :
 PB86210BL

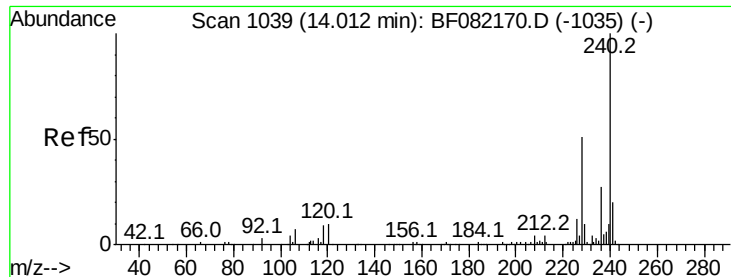
Tot Ion:172 Resp: 817560
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 24.0 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF082450.D
 Acq: 22 Oct 2015 17:40

Tgt Ion:188 Resp: 386581
 Ion Ratio Lower Upper
 188 100
 94 9.7 5.8 8.6#
 80 10.5 6.4 9.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB86210BL

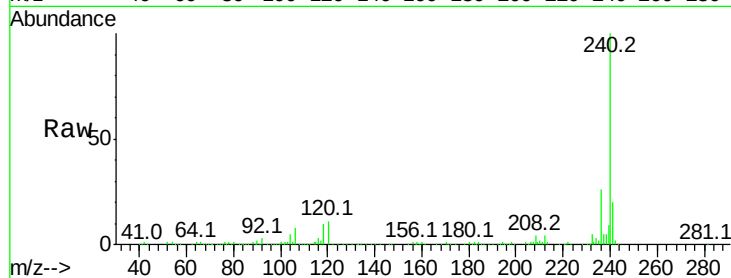
Tot Ion:240 Resp: 384598

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

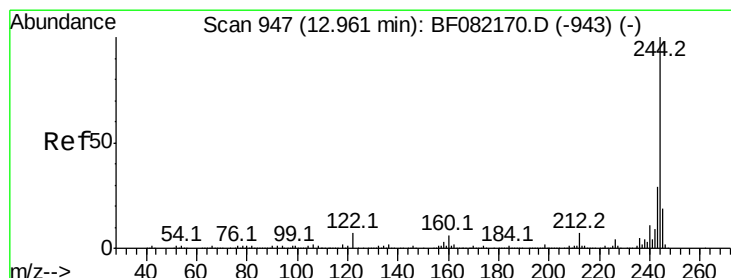
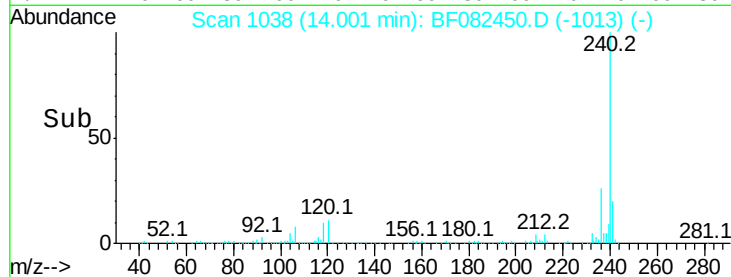
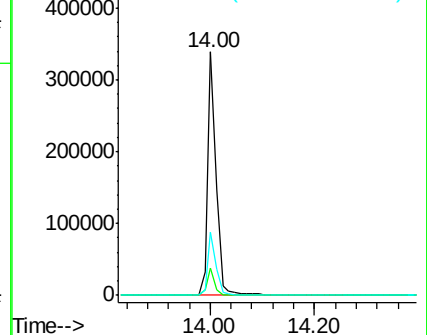
236 25.9 21.3 31.9



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: 56.43 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082450.D

Acq: 22 Oct 2015 17:40

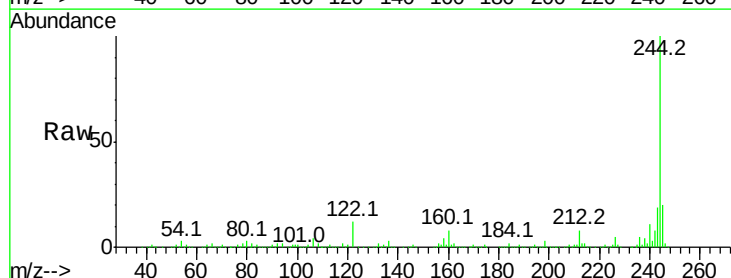
Tgt Ion:244 Resp: 818961

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

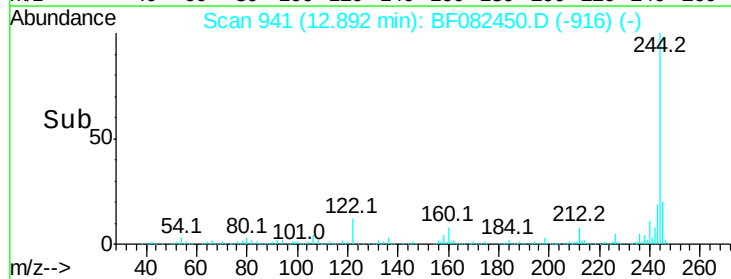
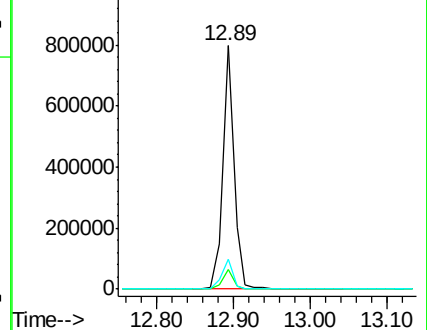
122 12.3 5.9 8.9#

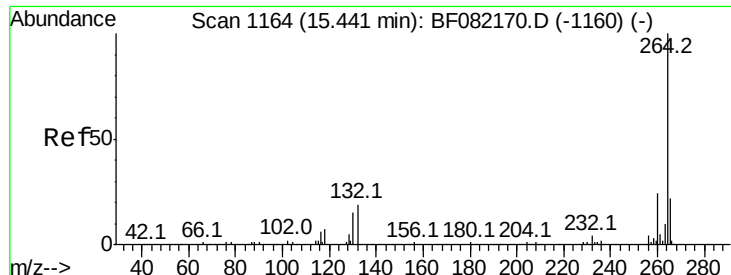


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

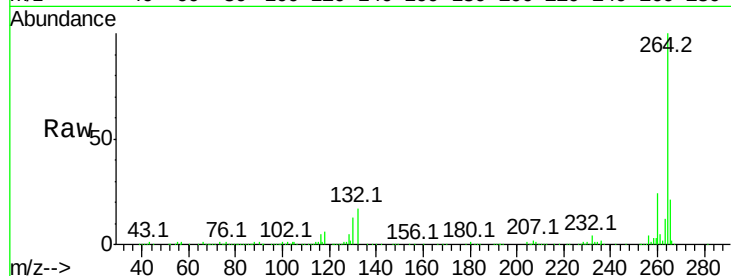




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF082450.D
 Acq: 22 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BL

Tot Ion:264 Resp: 307274
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.5 17.3 25.9



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

