

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081404.D
 Acq On : 4 Sep 2015 5:50
 Operator : UM/IZ
 Sample : G3480-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Quant Time: Sep 04 06:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

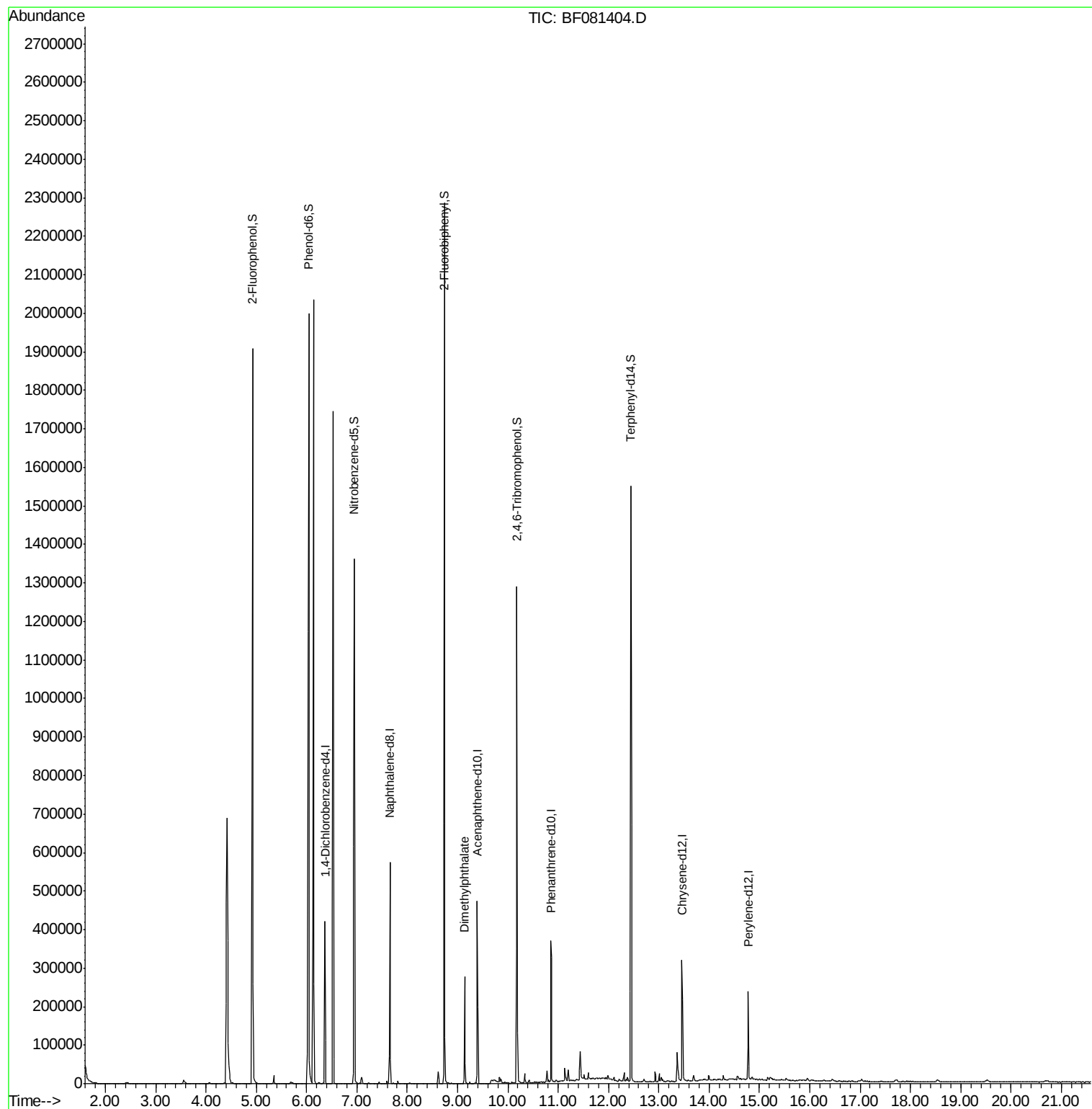
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58580	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	233829	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	100264	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	195658	20.00	ng	0.00
75) Chrysene-d12	13.46	240	142682	20.00	ng	-0.01
86) Perylene-d12	14.78	264	92988	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	515426	136.51	ng	0.01
7) Phenol-d6	6.04	99	778059	155.68	ng	0.00
23) Nitrobenzene-d5	6.95	82	470545	97.09	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	116686	130.70	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	683619	87.37	ng	-0.01
78) Terphenyl-d14	12.45	244	556632	90.81	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.14	163	98807	12.68	ng	Qvalue # 97

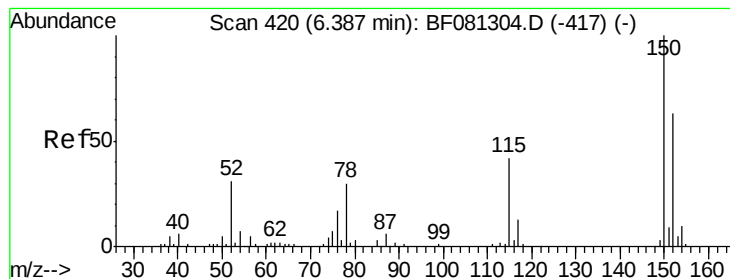
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

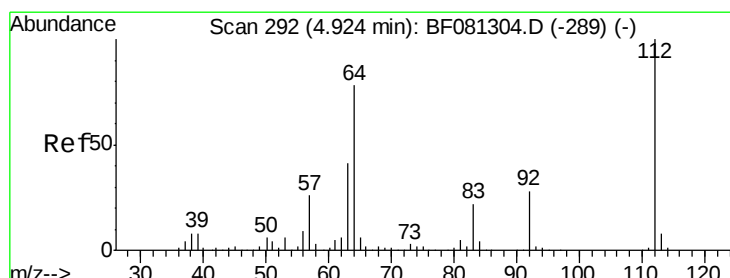
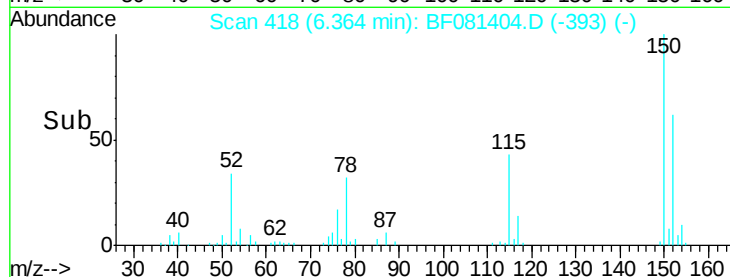
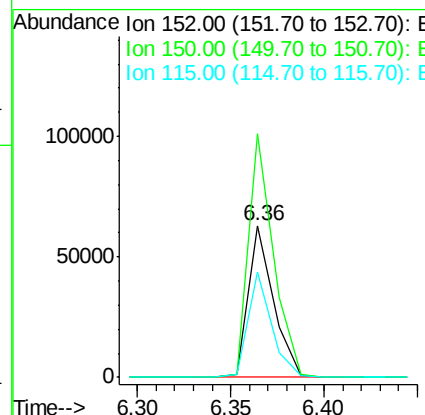
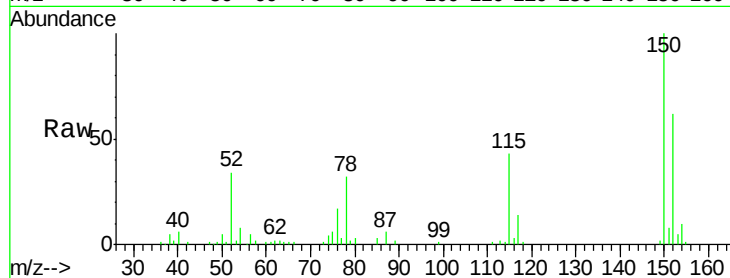
Tot Ion:152 Resp: 58580

Ion Ratio Lower Upper

152 100

150 160.4 124.7 187.1

115 69.0 39.0 58.4#



#5

2-Fluorophenol

Concen: 136.51 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

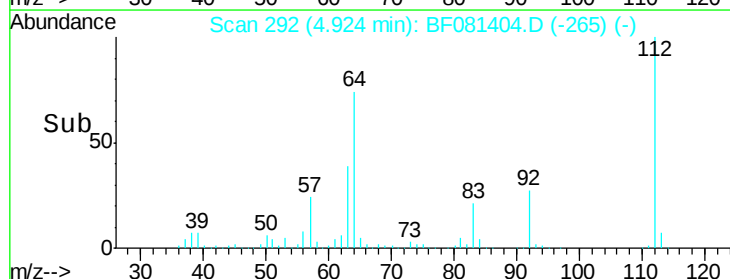
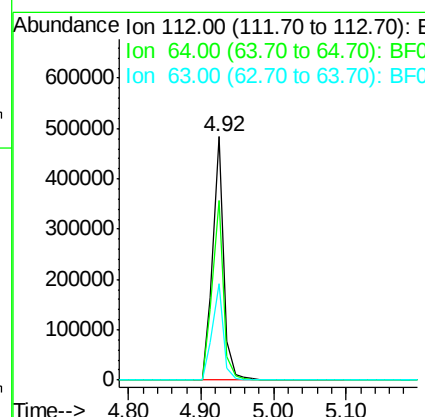
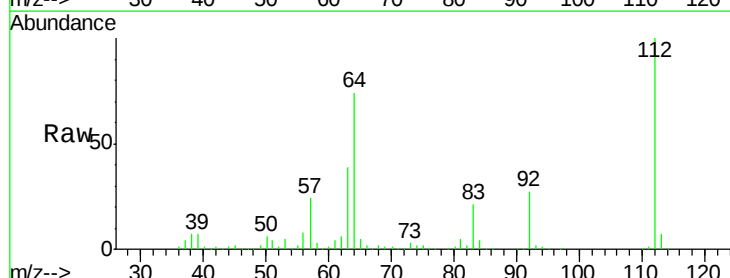
Tgt Ion:112 Resp: 515426

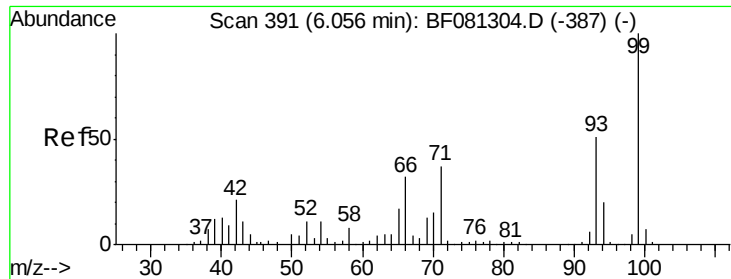
Ion Ratio Lower Upper

112 100

64 73.7 39.7 59.5#

63 39.5 17.4 26.0#





#7

Phenol-d6

Concen: 155.68 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

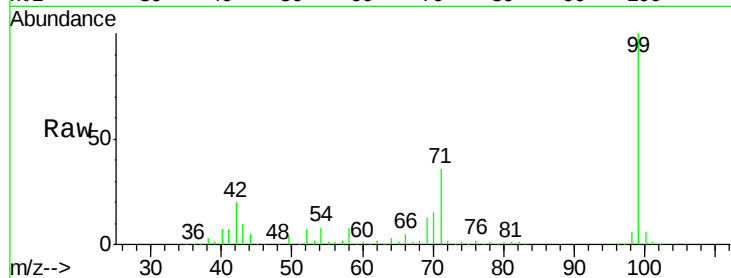
Tot Ion: 99 Resp: 778059

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

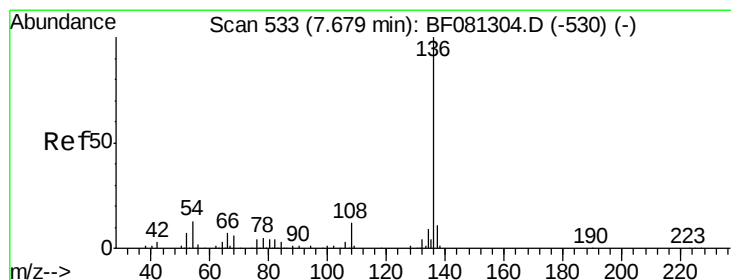
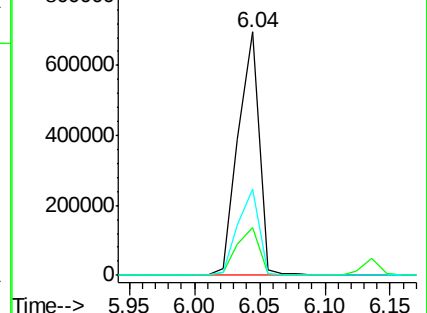
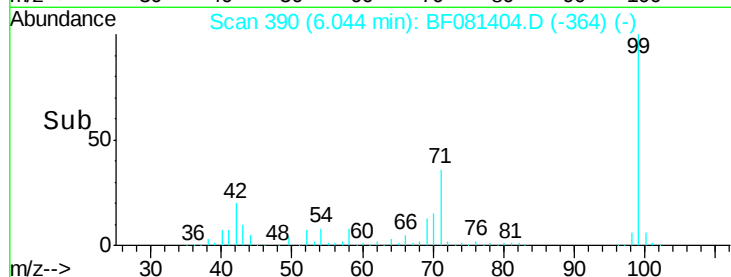
71 35.6 14.2 21.2#



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: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Tgt Ion: 136 Resp: 233829

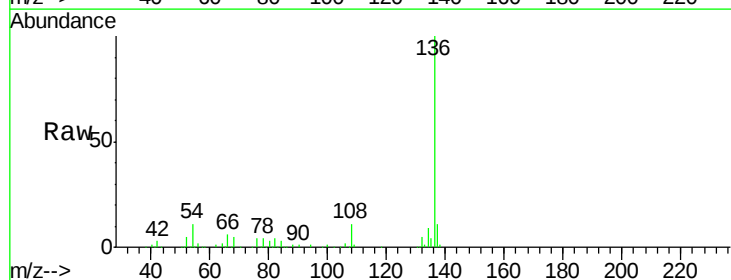
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 11.0 8.2 12.2

68 5.4 5.8 8.6#

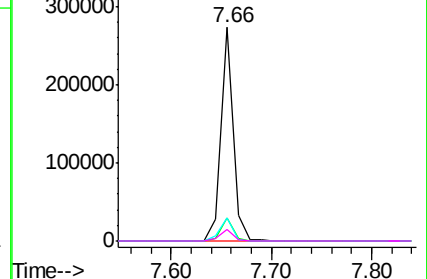
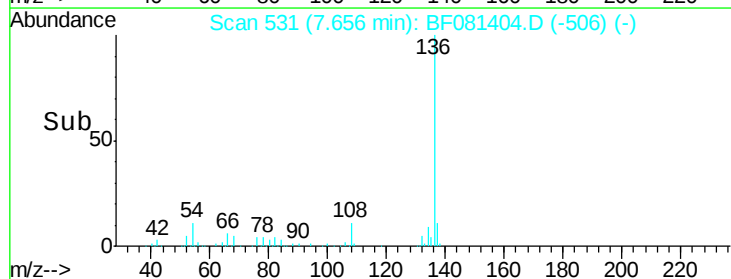


Abundance Ion 136.00 (135.70 to 136.70): E

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

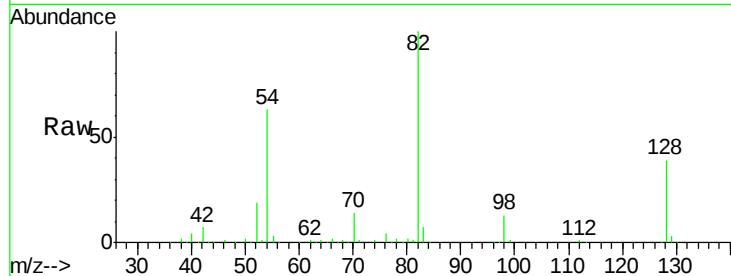




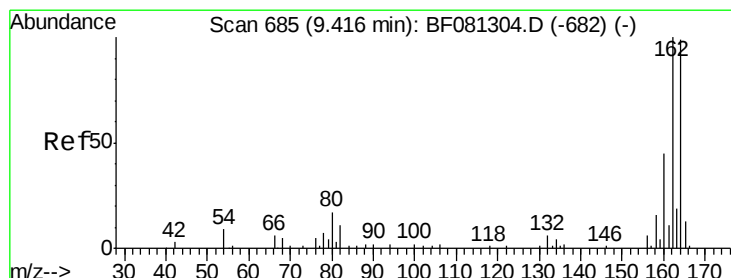
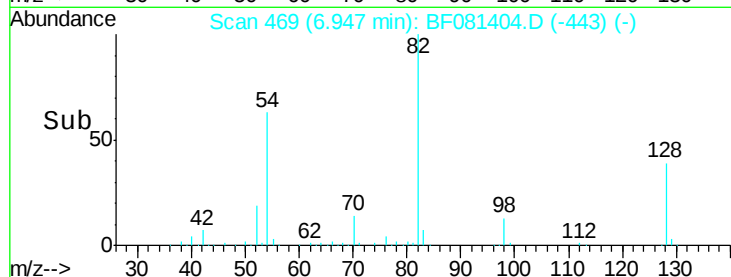
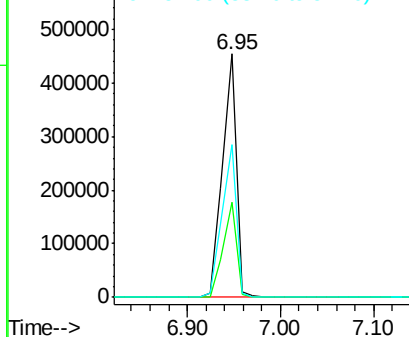
#23
 Nitrobenzene-d5
 Concen: 97.09 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Tot Ion: 82 Resp: 470545
 Ion Ratio Lower Upper
 82 100
 128 39.3 51.0 76.6#
 54 62.7 47.5 71.3

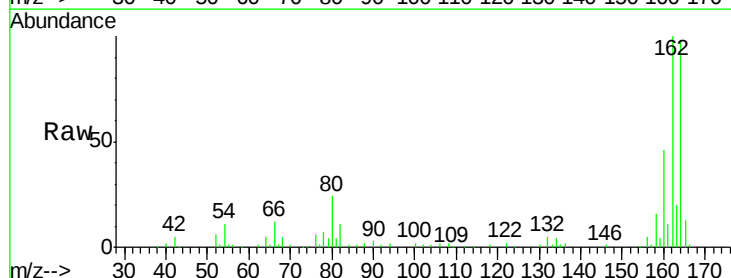


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

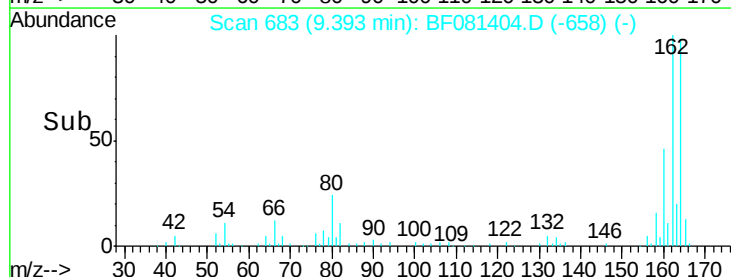
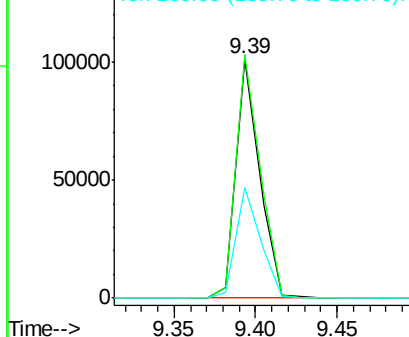


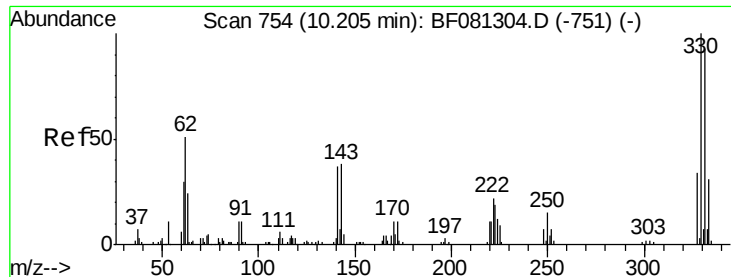
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Tgt Ion:164 Resp: 100264
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 46.5 31.5 47.3



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

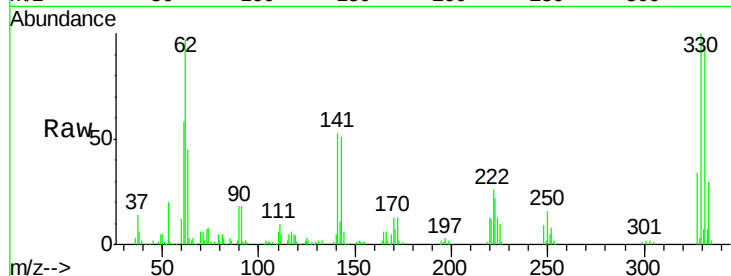




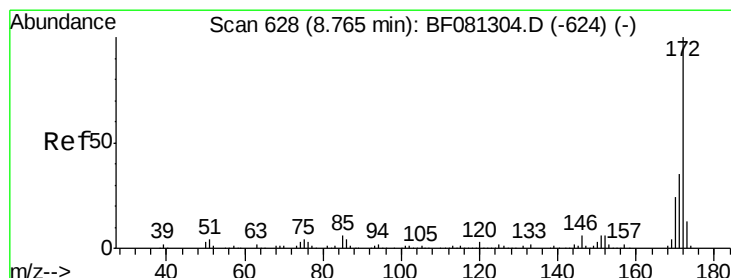
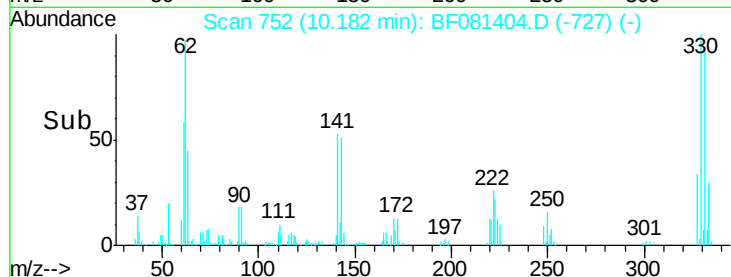
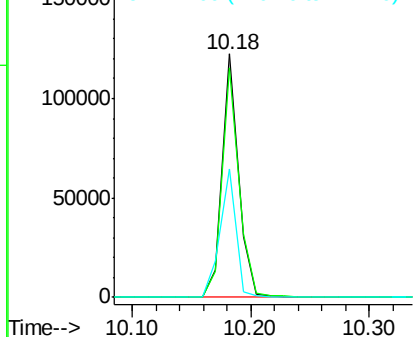
#41
 2,4,6-Tribromophenol
 Concen: 130.70 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Tot Ion:330 Resp: 116686
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 51.4 29.7 44.5#

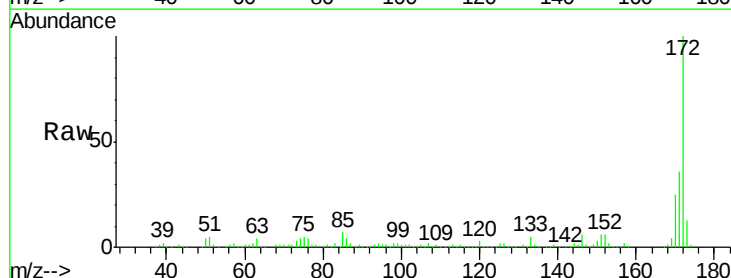


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

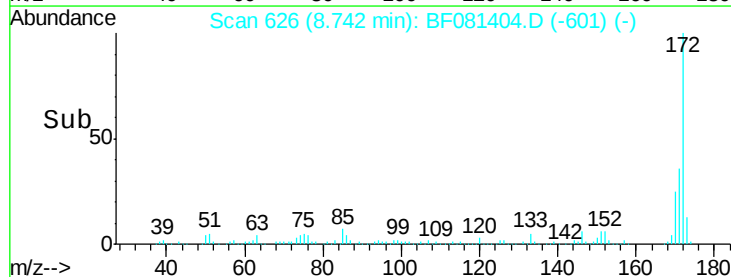
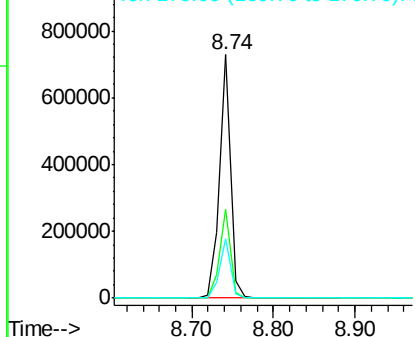


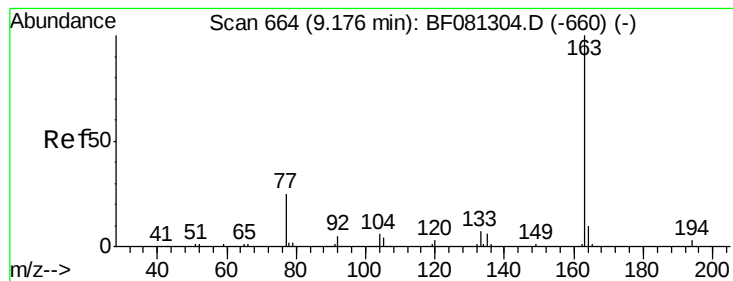
#44
 2-Fluorobiphenyl
 Concen: 87.37 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Tgt Ion:172 Resp: 683619
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.5 17.4 26.2



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





#49

Dimethylphthalate

Concen: 12.68 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

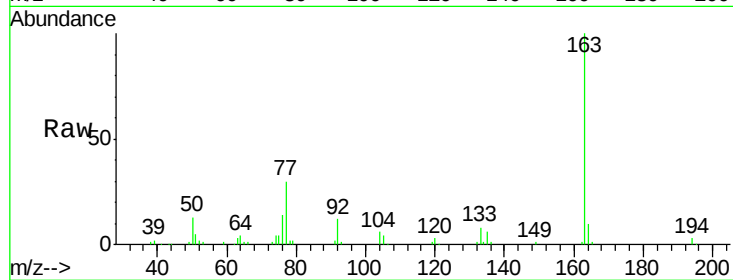
Tot Ion:163 Resp: 98807

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

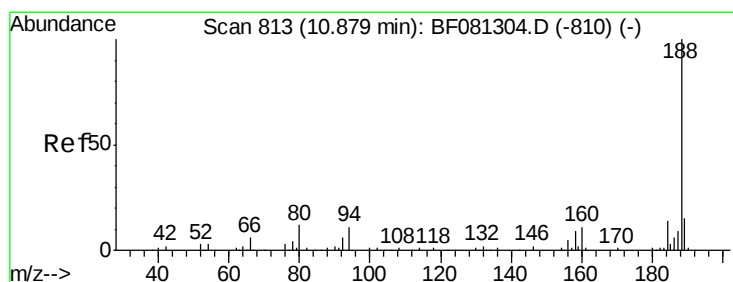
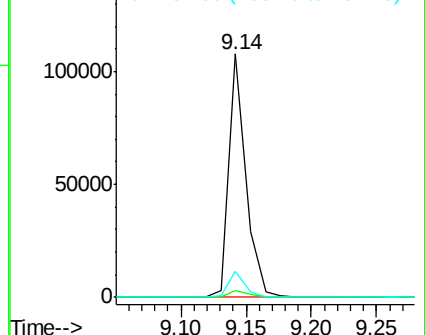
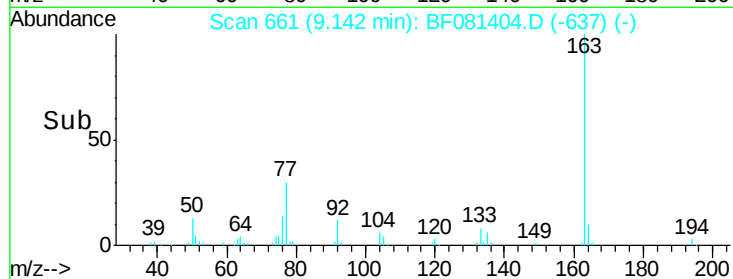
164 10.4 8.3 12.5



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: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

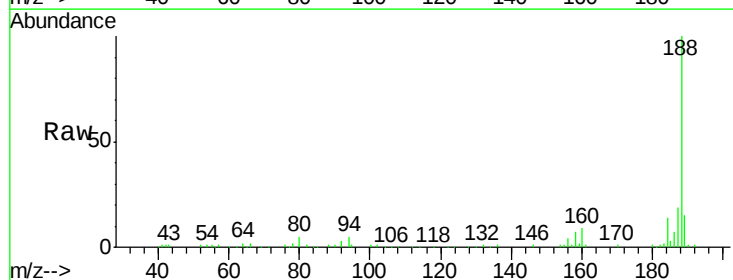
Tgt Ion:188 Resp: 195658

Ion Ratio Lower Upper

188 100

94 4.9 11.1 16.7#

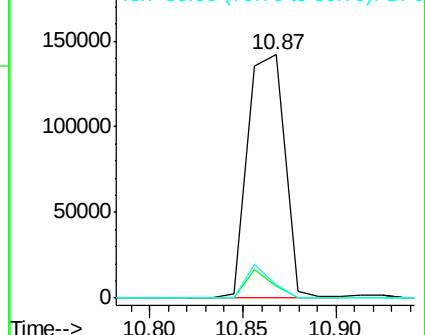
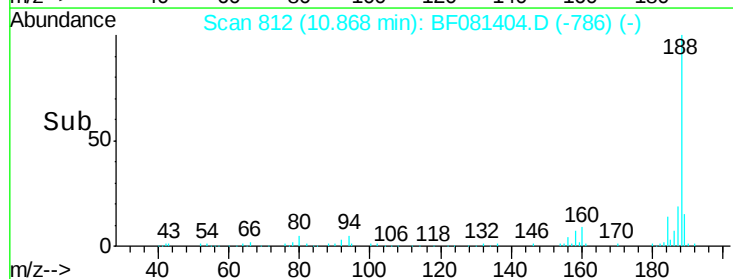
80 5.5 11.0 16.4#

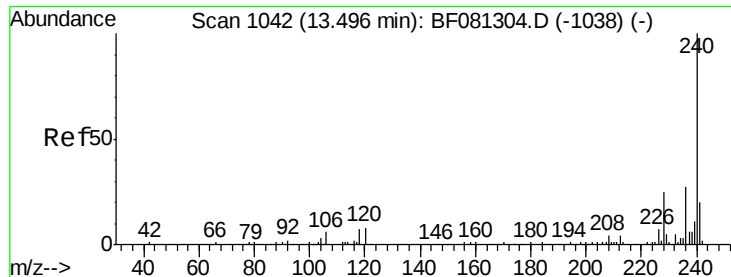


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.46 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

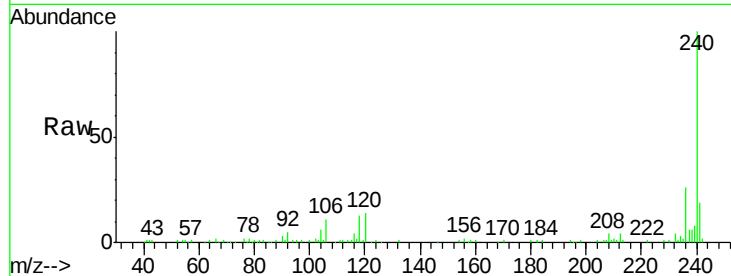
Tot Ion:240 Resp: 142682

Ion Ratio Lower Upper

240 100

120 14.4 16.2 24.2#

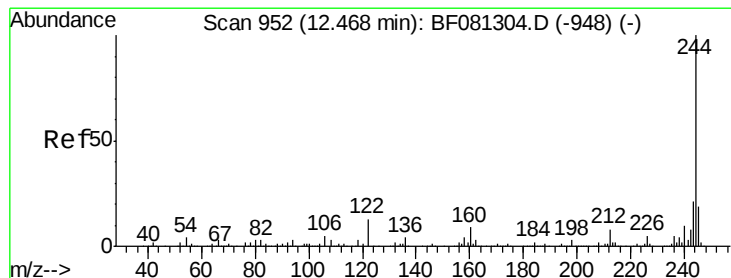
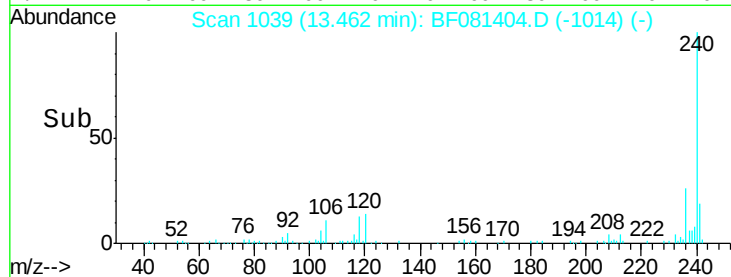
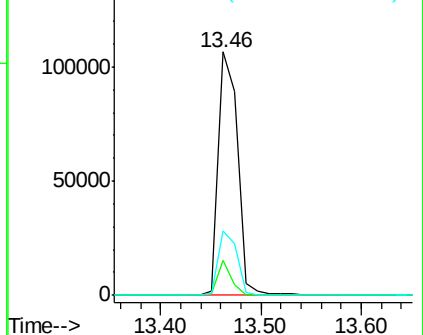
236 26.4 18.4 27.6



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: 90.81 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

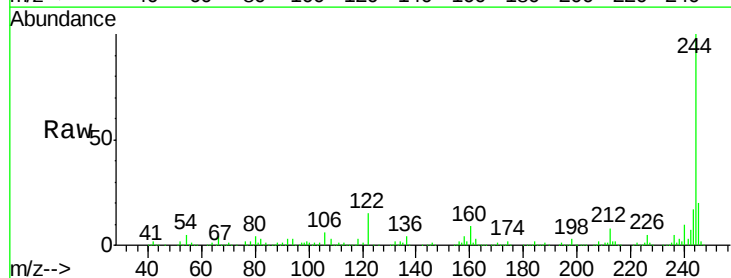
Tgt Ion:244 Resp: 556632

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

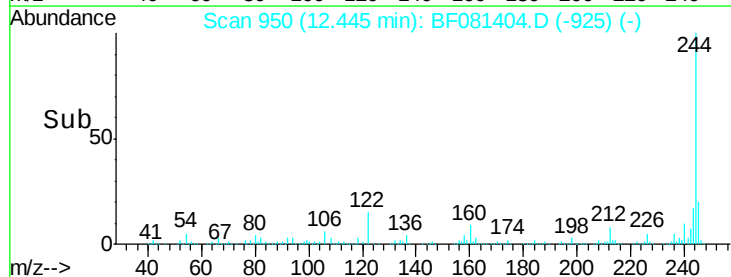
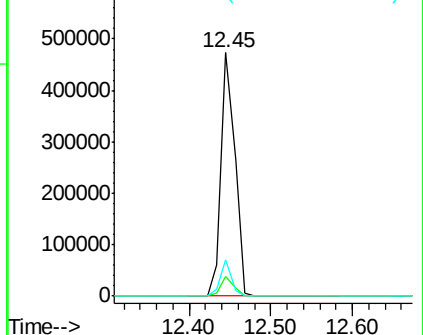
122 14.8 17.4 26.2#

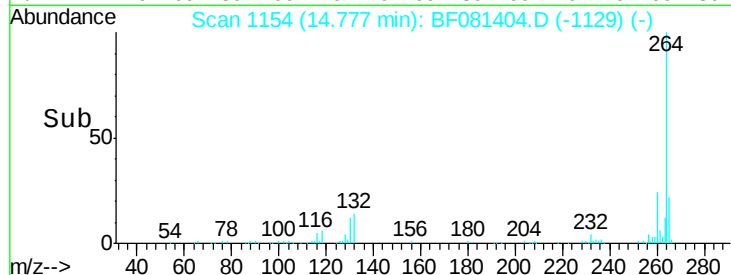
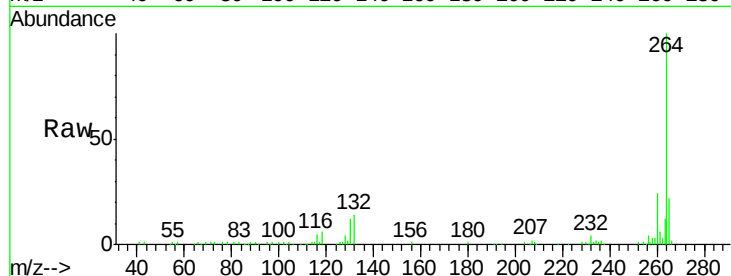
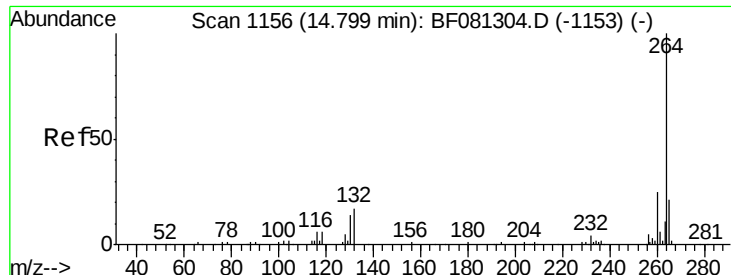


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Tot Ion:	264	Resp:	92988
Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.6	17.2	25.8

