

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081335.D
 Acq On : 2 Sep 2015 7:25
 Operator : UM/IZ
 Sample : G3480-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-18(0-2)

Quant Time: Sep 02 07:51:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

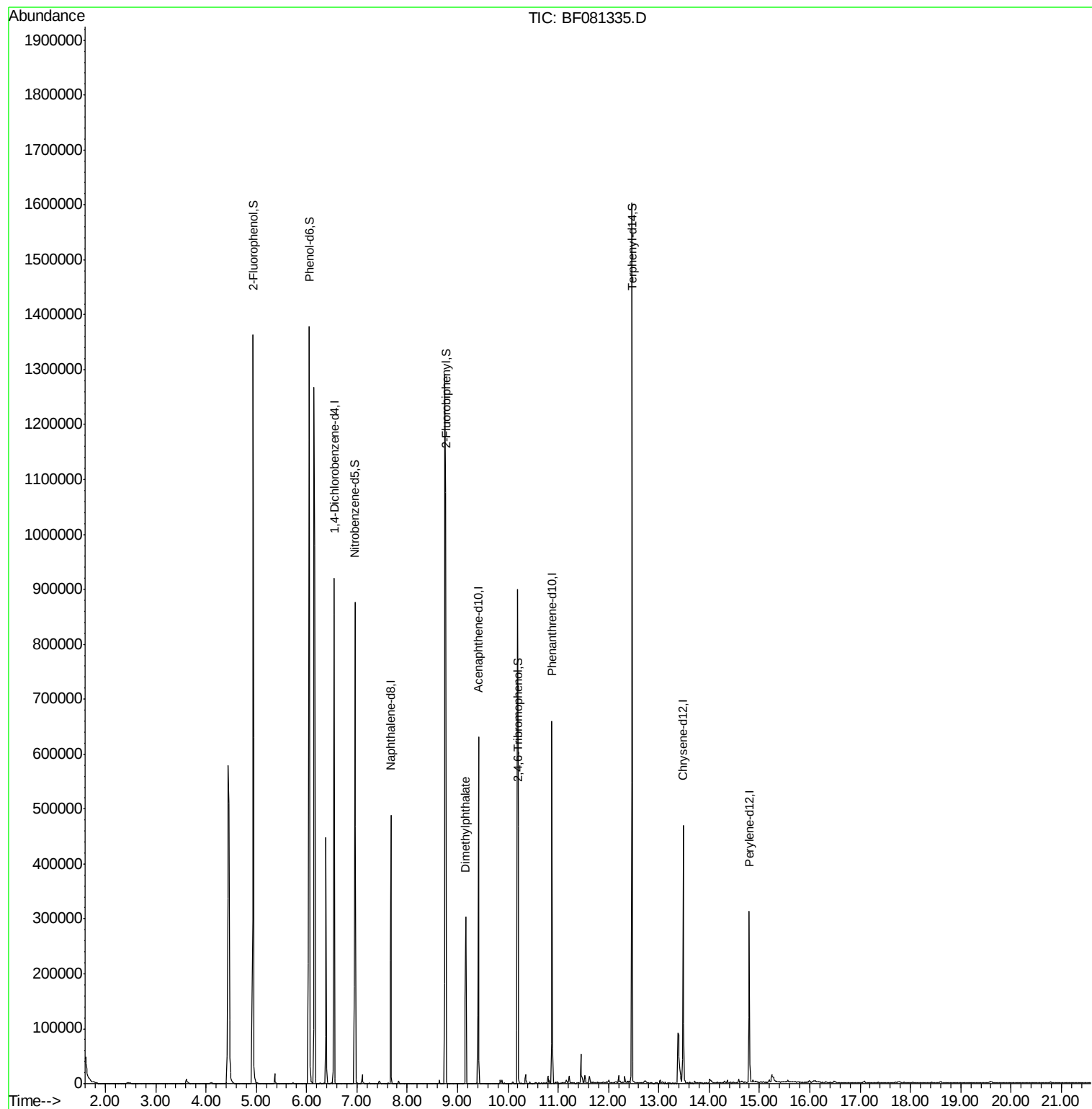
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	202816	20.00	ng	0.16
21) Naphthalene-d8	7.68	136	242146	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	118007	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	219779	20.00	ng	0.00
75) Chrysene-d12	13.49	240	159220	20.00	ng	-0.01
86) Perylene-d12	14.80	264	123560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	414502	31.71	ng	0.01
7) Phenol-d6	6.06	99	667124	38.55	ng	0.00
23) Nitrobenzene-d5	6.96	82	351722	70.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	113266	107.80	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	602519	65.43	ng	0.00
78) Terphenyl-d14	12.47	244	488048	71.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.16	163	142853	15.58	ng	Qvalue # 97

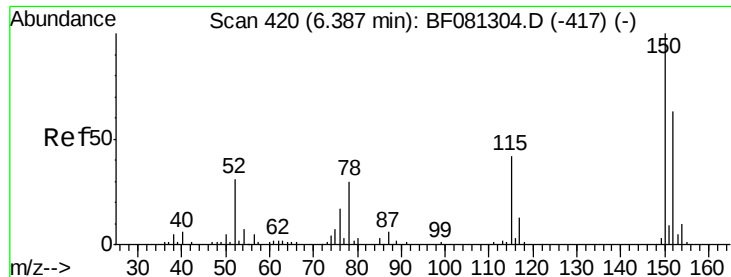
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.16 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

Instrument :

BNA_F

ClientSampleId :

COFF-3-18(0-2)

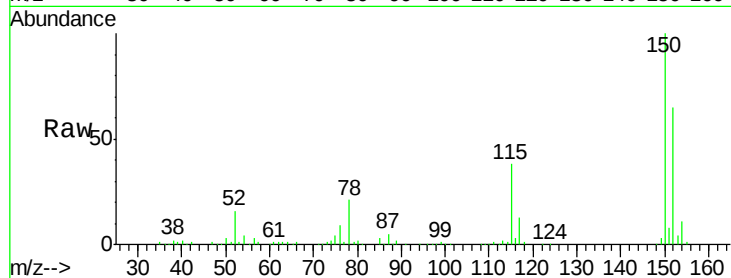
Tgt Ion:152 Resp: 202816

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

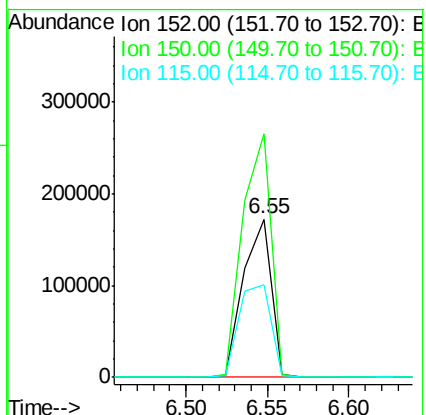
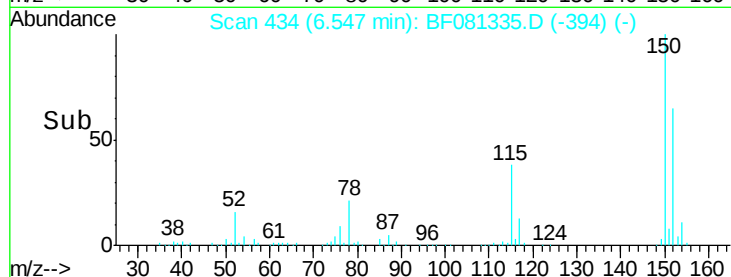
115 58.4 39.0 58.4



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: 31.71 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

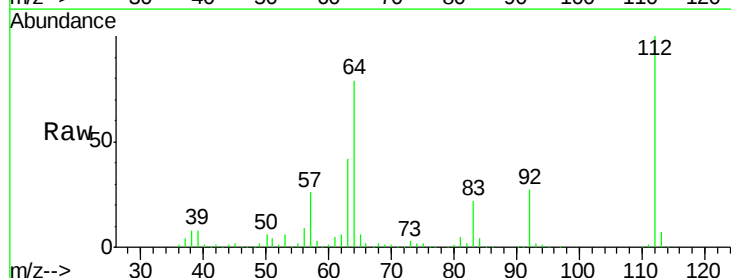
Tgt Ion:112 Resp: 414502

Ion Ratio Lower Upper

112 100

64 78.6 39.7 59.5#

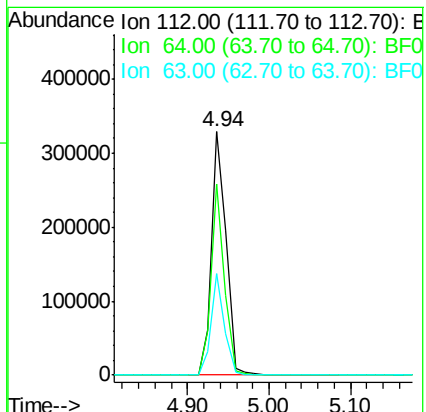
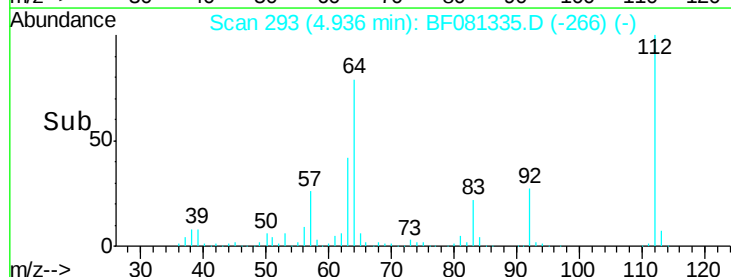
63 41.6 17.4 26.0#



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: 38.55 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

Instrument :

BNA_F

ClientSampleId :

COFF-3-18(0-2)

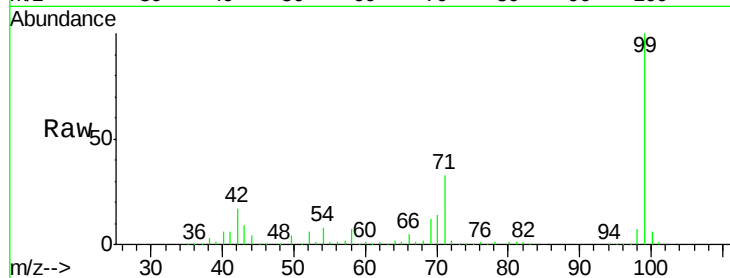
Tgt Ion: 99 Resp: 667124

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

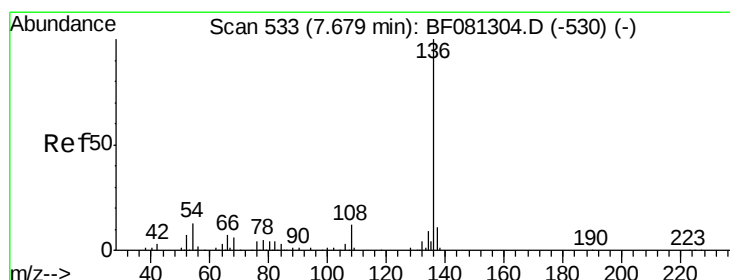
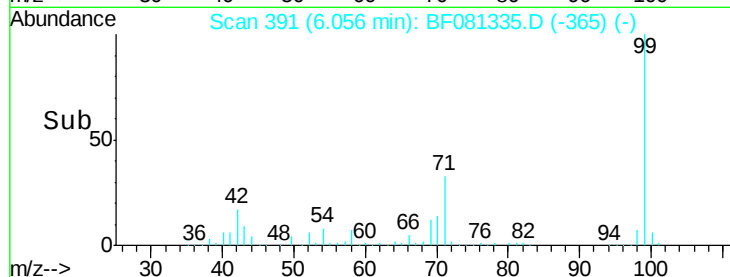
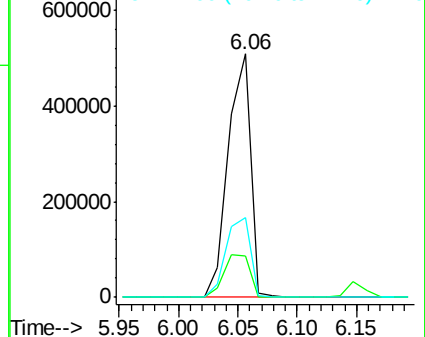
71 32.6 14.2 21.2#



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: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

Tgt Ion: 136 Resp: 242146

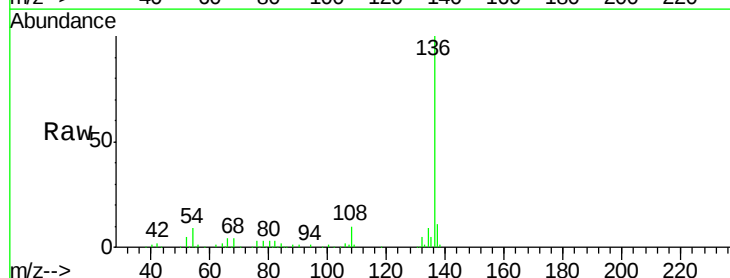
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 8.8 8.2 12.2

68 4.1 5.8 8.6#

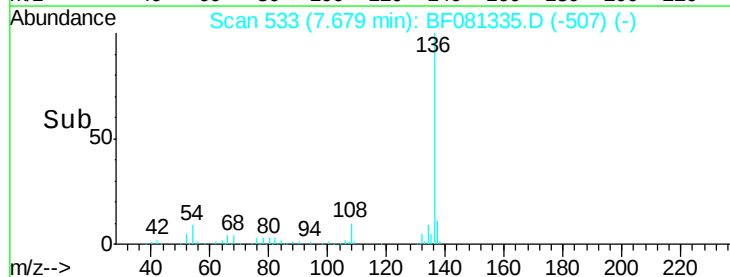
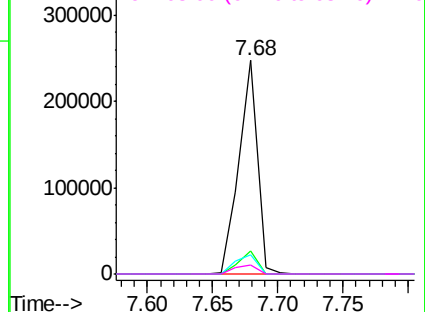


Abundance Ion 136.00 (135.70 to 136.70): E

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

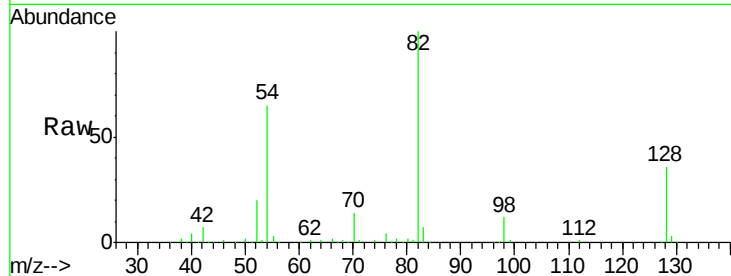




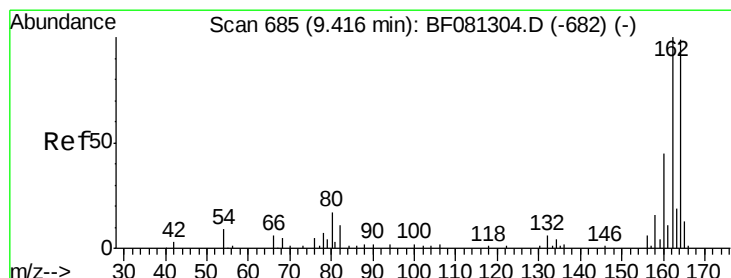
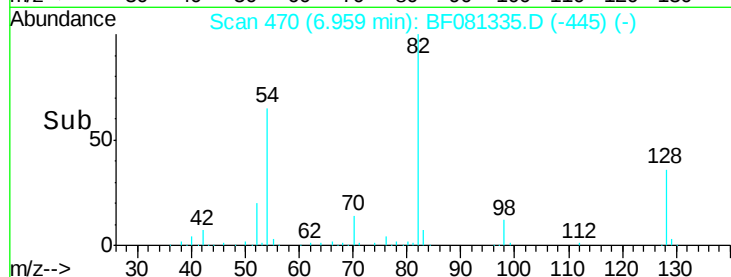
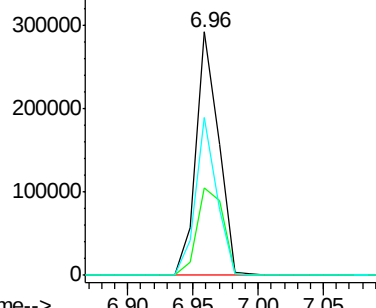
#23
 Nitrobenzene-d5
 Concen: 70.08 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081335.D
 Acq: 2 Sep 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-18(0-2)

Tgt Ion: 82 Resp: 351722
 Ion Ratio Lower Upper
 82 100
 128 36.0 51.0 76.6#
 54 65.0 47.5 71.3

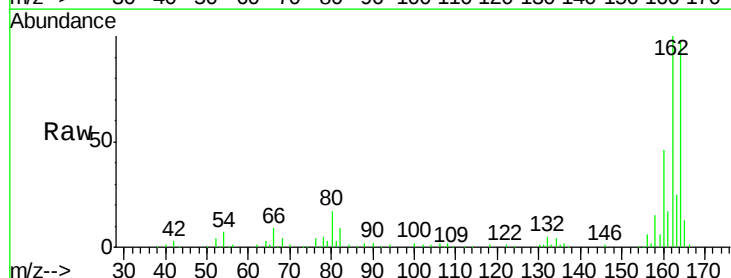


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

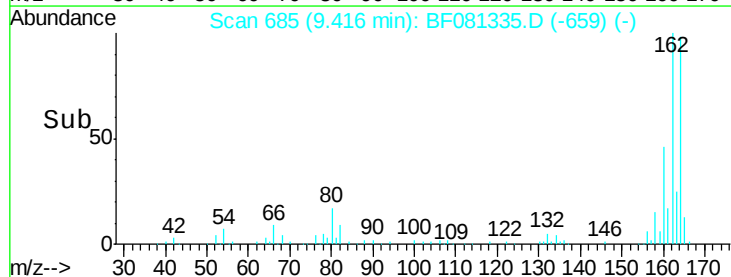
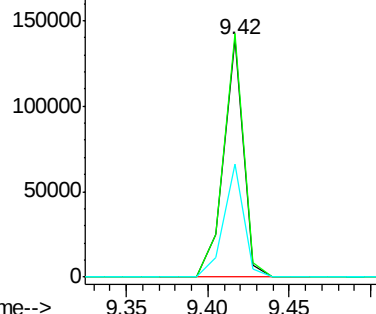


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081335.D
 Acq: 2 Sep 2015 7:25

Tgt Ion: 164 Resp: 118007
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 47.2 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

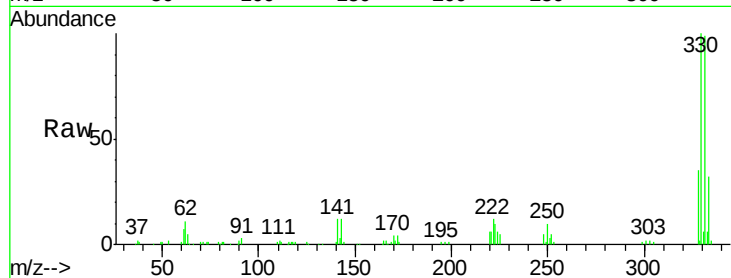




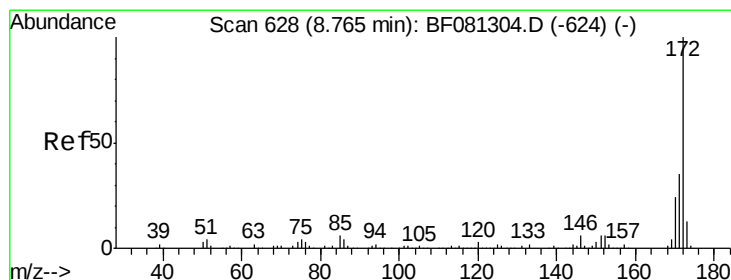
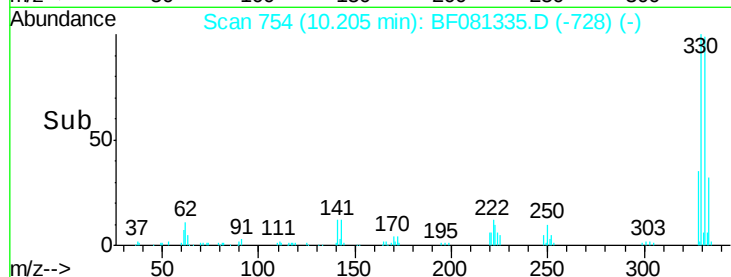
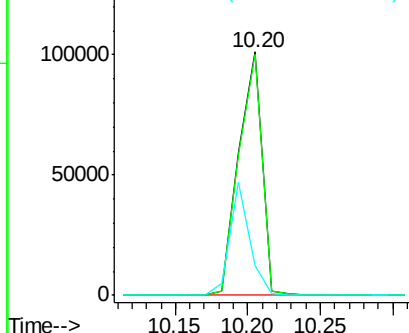
#41
 2,4,6-Tribromophenol
 Concen: 107.80 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081335.D
 Acq: 2 Sep 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-18(0-2)

Tgt Ion:330 Resp: 113266
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 39.4 29.7 44.5

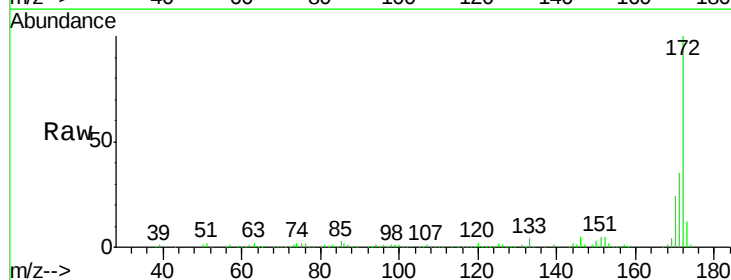


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

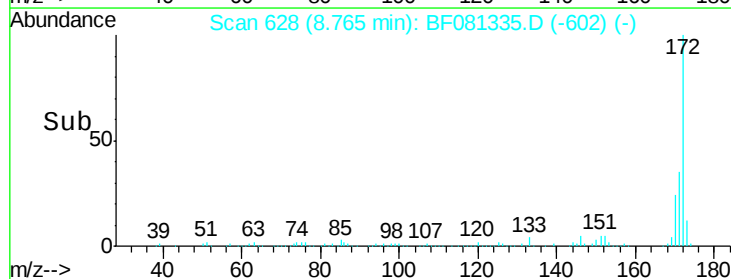
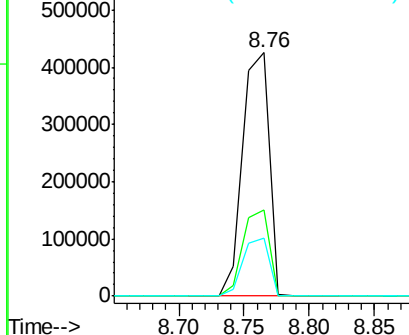


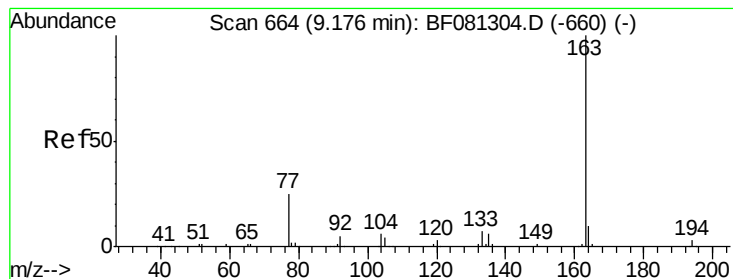
#44
 2-Fluorobiphenyl
 Concen: 65.43 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081335.D
 Acq: 2 Sep 2015 7:25

Tgt Ion:172 Resp: 602519
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.8 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: 15.58 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

Instrument :

BNA_F

ClientSampleId :

COFF-3-18(0-2)

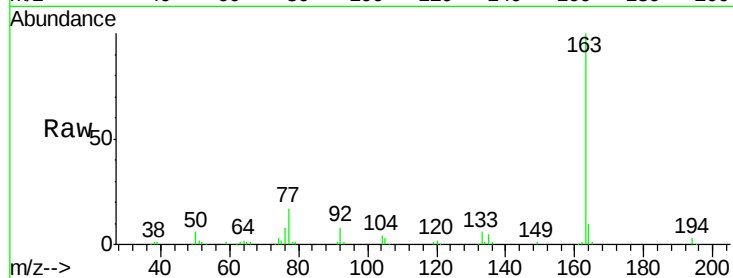
Tgt Ion:163 Resp: 142853

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

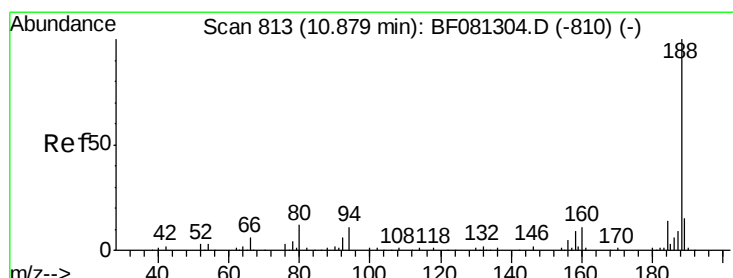
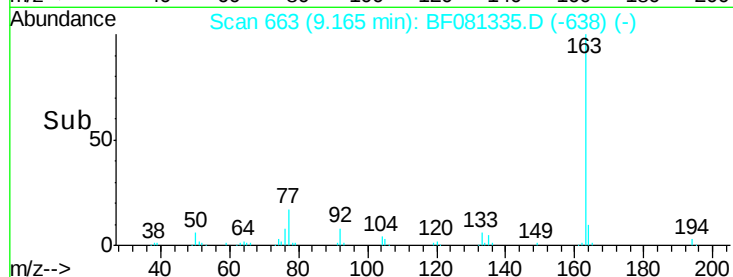
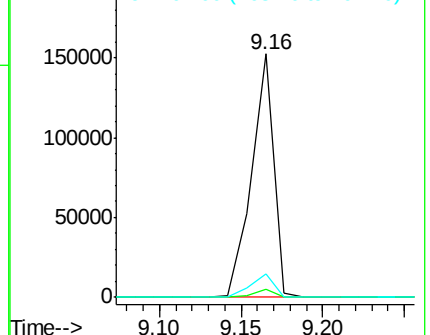
164 9.7 8.3 12.5



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: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

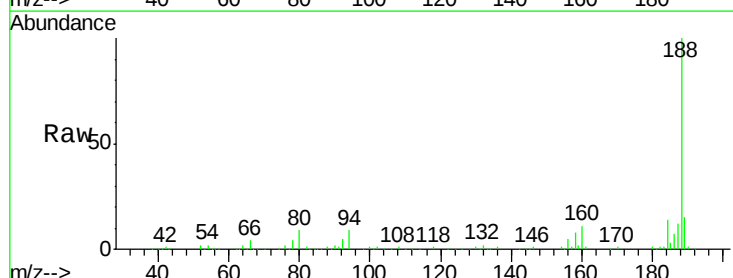
Tgt Ion:188 Resp: 219779

Ion Ratio Lower Upper

188 100

94 9.1 11.1 16.7#

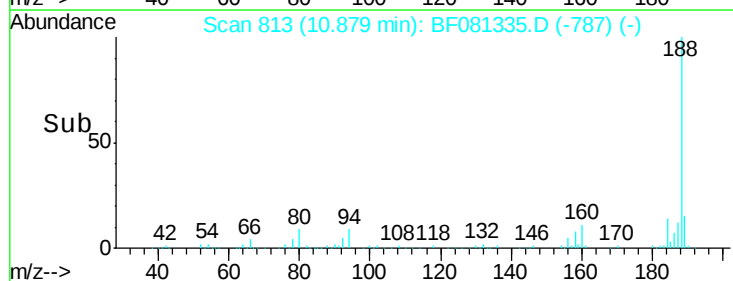
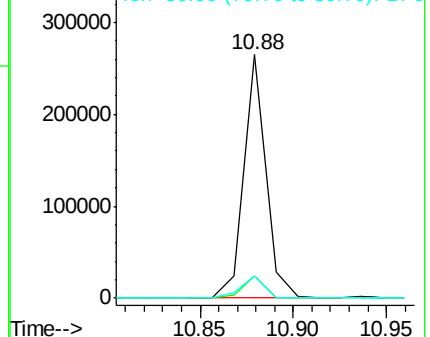
80 9.3 11.0 16.4#

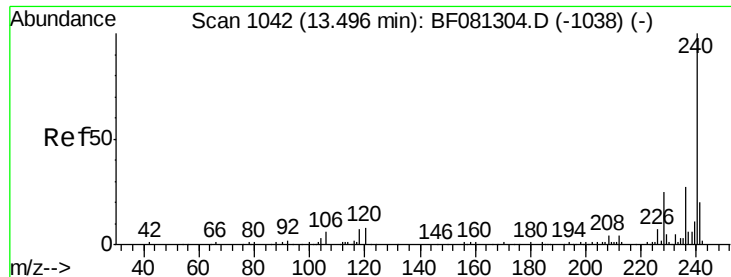


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

Instrument :

BNA_F

ClientSampleId :

COFF-3-18(0-2)

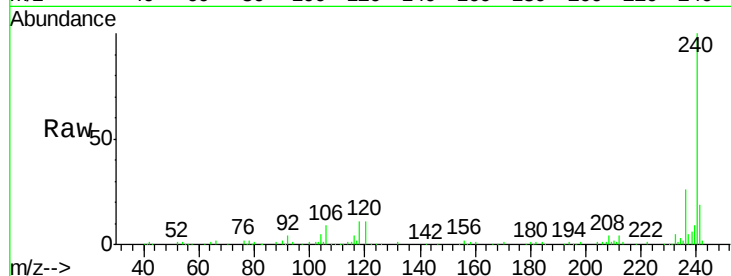
Tgt Ion:240 Resp: 159220

Ion Ratio Lower Upper

240 100

120 11.5 16.2 24.2#

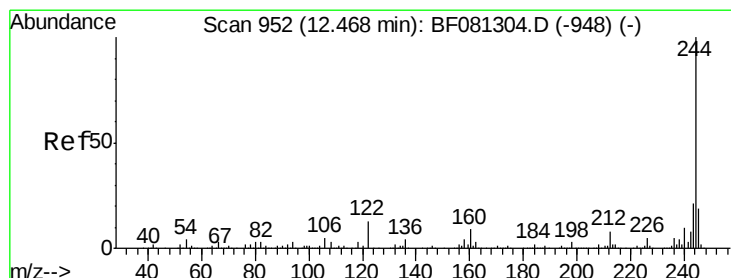
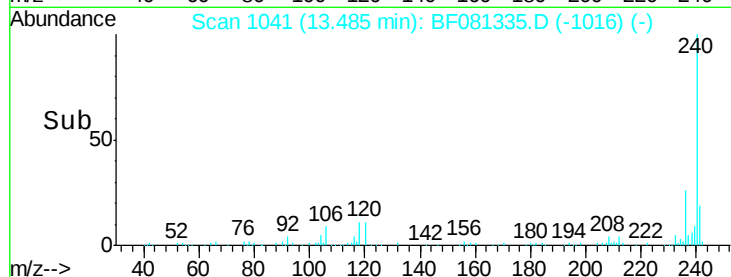
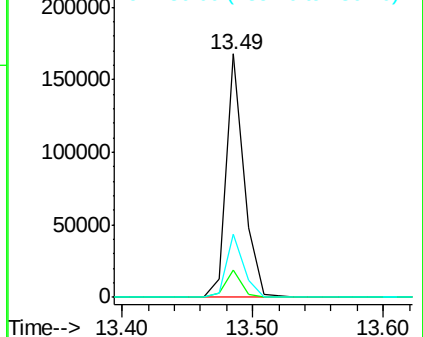
236 26.0 18.4 27.6



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: 71.35 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081335.D

Acq: 2 Sep 2015 7:25

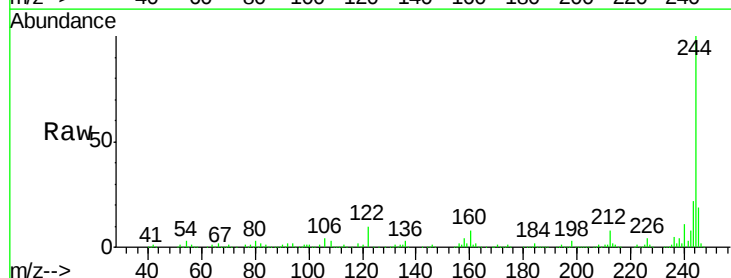
Tgt Ion:244 Resp: 488048

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

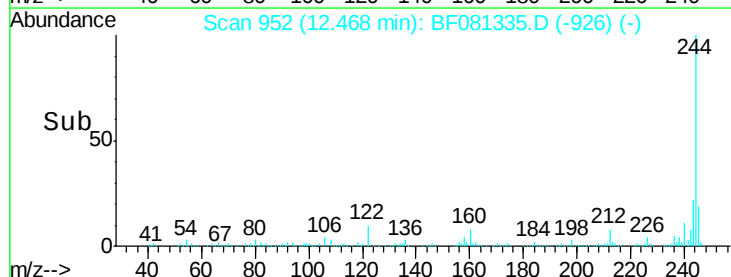
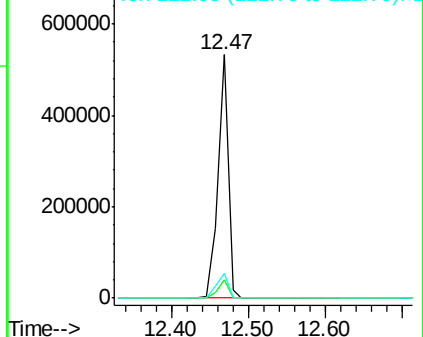
122 10.3 17.4 26.2#

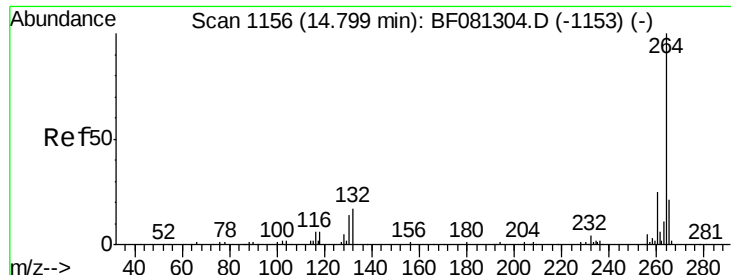


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081335.D
Acq: 2 Sep 2015 7:25

Instrument :
BNA_F
ClientSampleId :
COFF-3-18(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.4	17.2	25.8

