

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081406.D
 Acq On : 4 Sep 2015 6:51
 Operator : UM/IZ
 Sample : G3481-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-22(0-2)

Quant Time: Sep 04 07:43:46 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

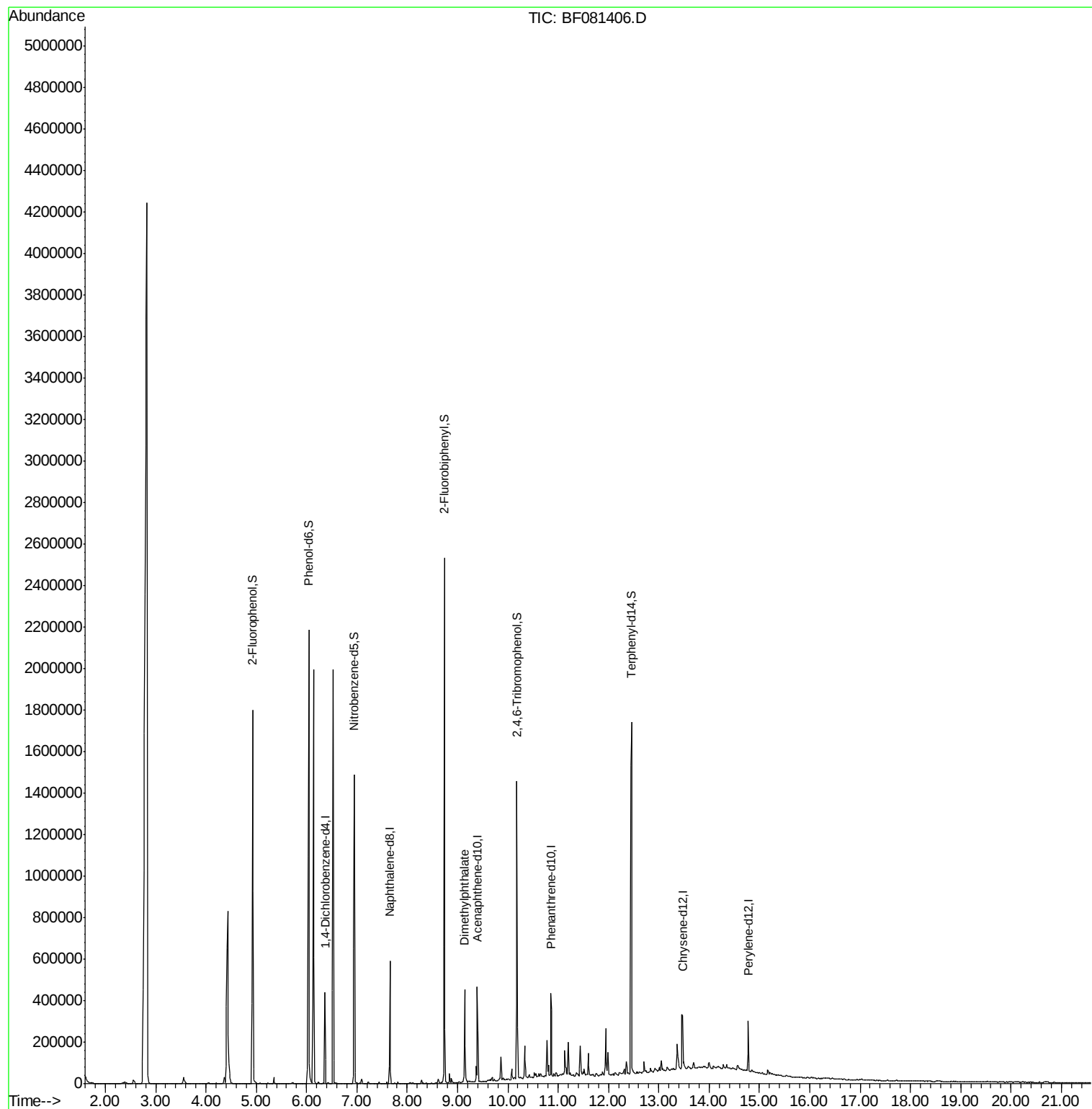
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	60053	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	238566	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	102544	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	196823	20.00	ng	-0.02
75) Chrysene-d12	13.47	240	138649	20.00	ng	-0.02
86) Perylene-d12	14.78	264	93722	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	575288	148.63	ng	0.00
7) Phenol-d6	6.04	99	792881	154.76	ng	-0.01
23) Nitrobenzene-d5	6.95	82	514642	104.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	134156	146.93	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	781537	97.67	ng	-0.02
78) Terphenyl-d14	12.46	244	785339	131.85	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.14	163	186658	23.43	ng	Qvalue # 97

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

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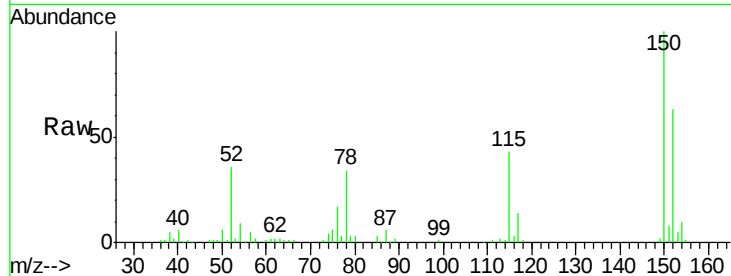


#1

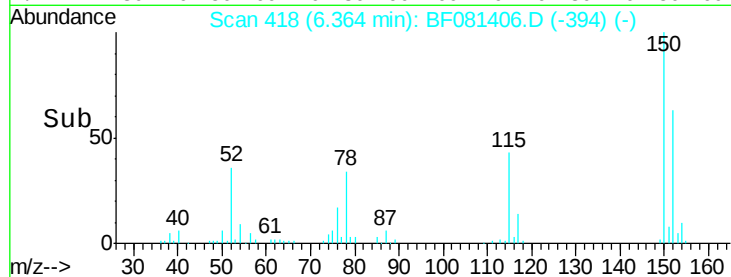
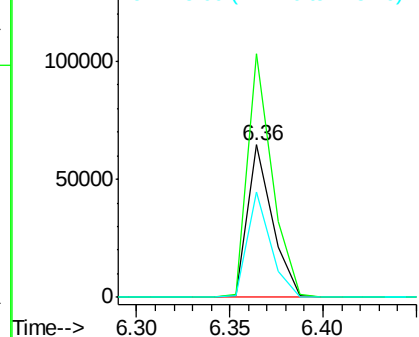
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

Instrument :
BNA_F
ClientSampleId :
COFF-2-22(0-2)

Tot Ion:152 Resp: 60053
Ion Ratio Lower Upper
152 100
150 160.0 124.7 187.1
115 69.5 39.0 58.4#



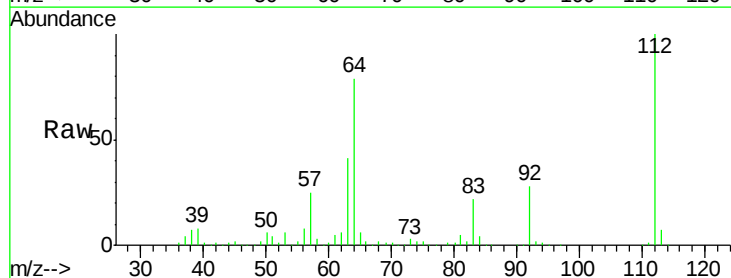
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



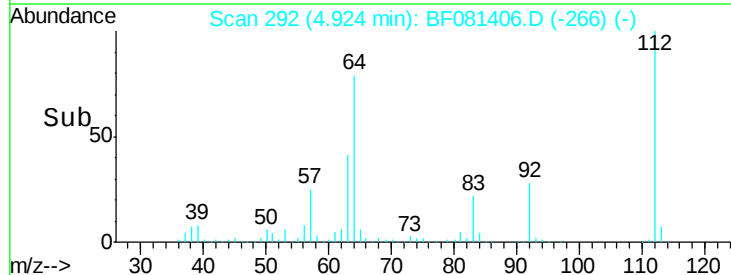
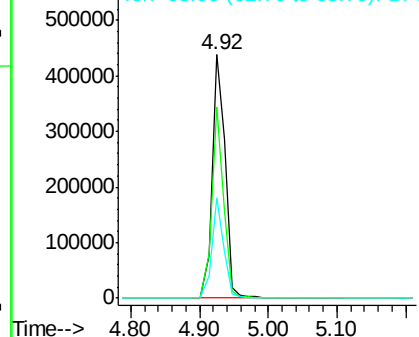
#5

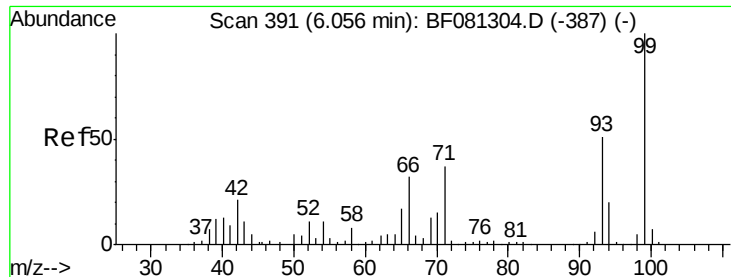
2-Fluorophenol
Concen: 148.63 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

Tgt Ion:112 Resp: 575288
Ion Ratio Lower Upper
112 100
64 78.7 39.7 59.5#
63 41.0 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: 154.76 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

Instrument :

BNA_F

ClientSampleId :

COFF-2-22(0-2)

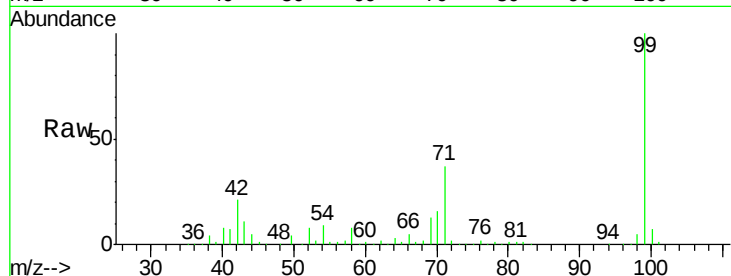
Tot Ion: 99 Resp: 792881

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

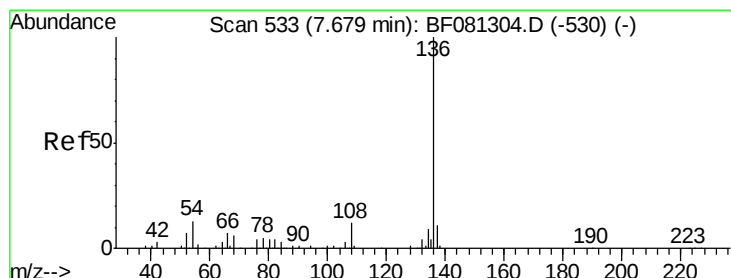
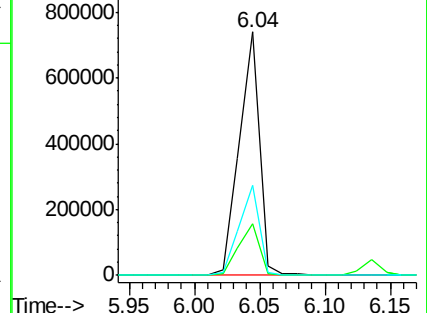
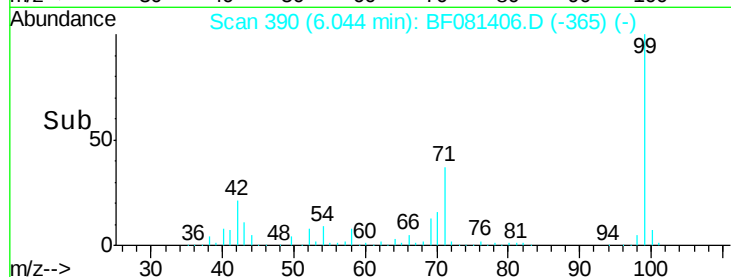
71 37.0 14.2 21.2#



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. -0.02 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

Tgt Ion: 136 Resp: 238566

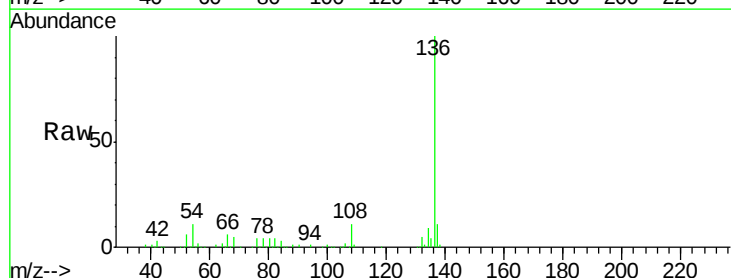
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.0 8.2 12.2

68 5.3 5.8 8.6#

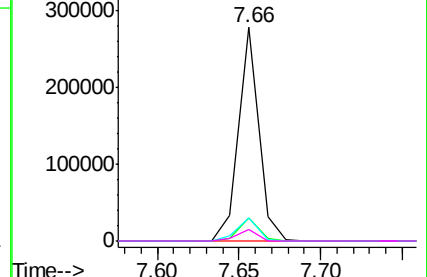
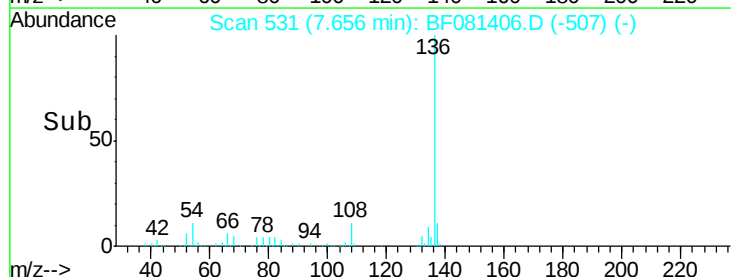


Abundance Ion 136.00 (135.70 to 136.70): E

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

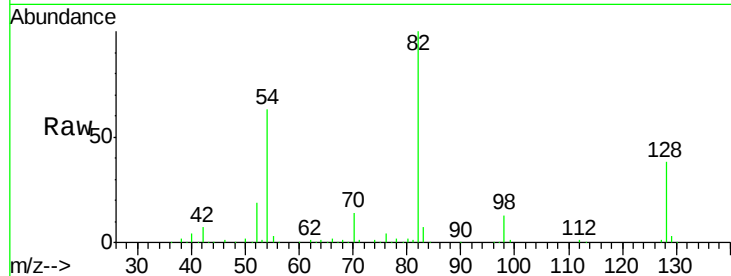




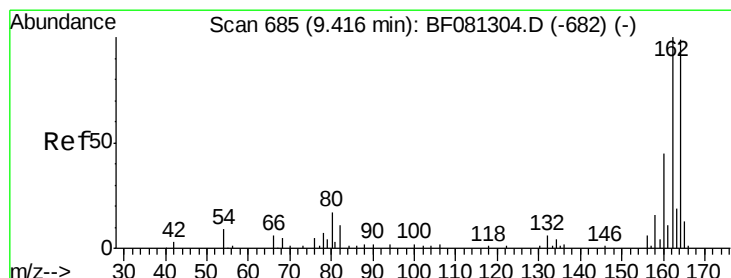
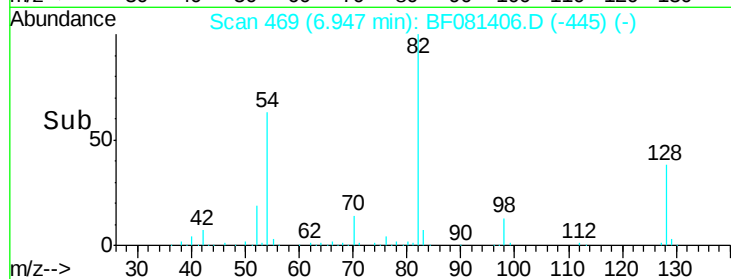
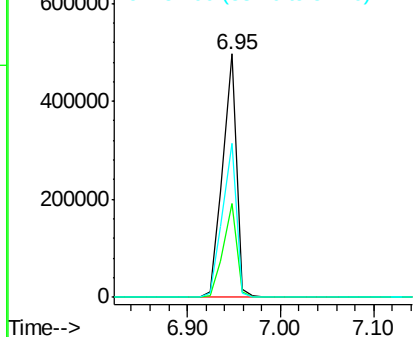
#23
 Nitrobenzene-d5
 Concen: 104.08 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-22(0-2)

Tot Ion: 82 Resp: 514642
 Ion Ratio Lower Upper
 82 100
 128 38.5 51.0 76.6#
 54 63.1 47.5 71.3

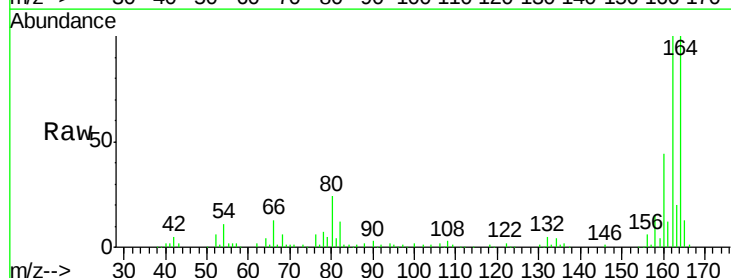


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

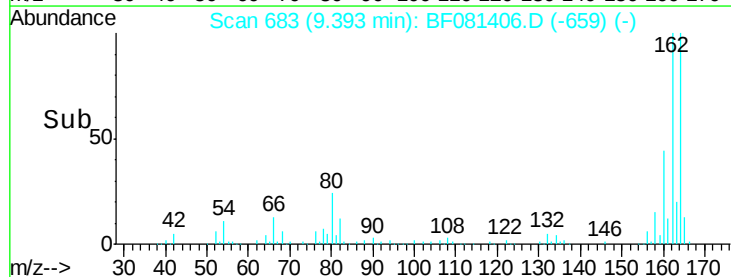
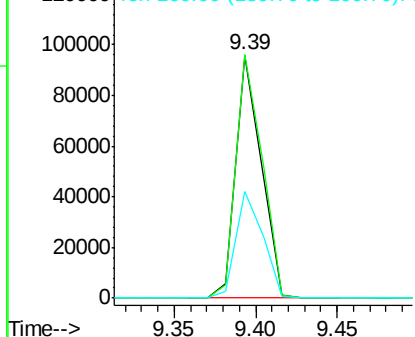


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

Tgt Ion:164 Resp: 102544
 Ion Ratio Lower Upper
 164 100
 162 100.3 75.2 112.8
 160 44.0 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

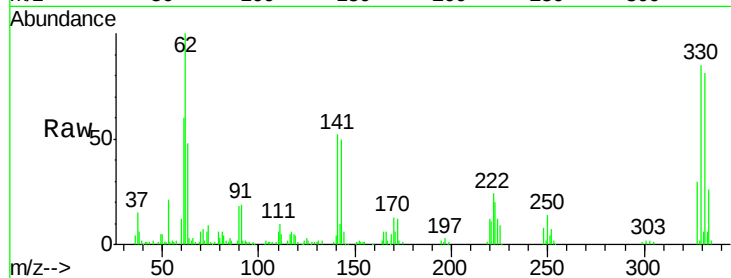




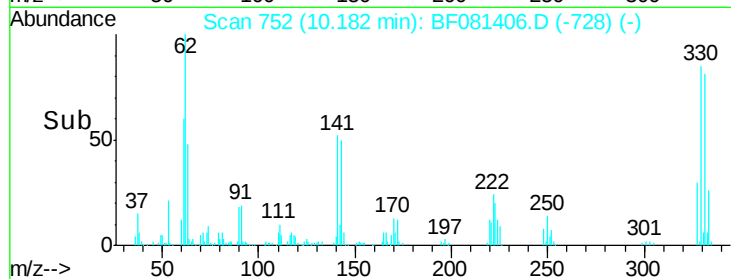
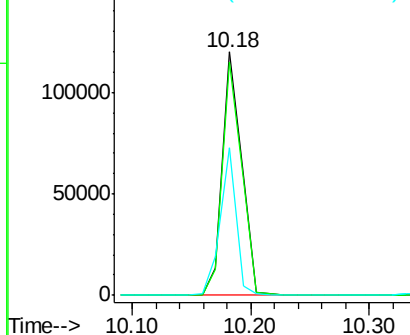
#41
 2,4,6-Tribromophenol
 Concen: 146.93 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-22(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	50.8	29.7	44.5

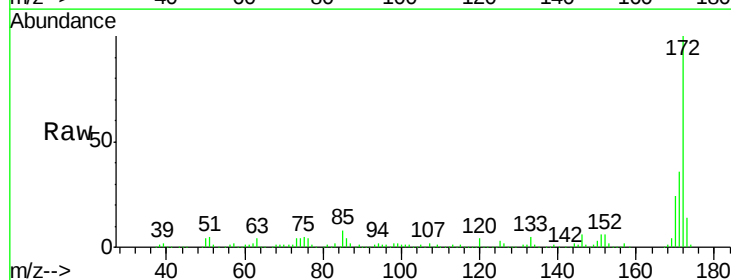


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

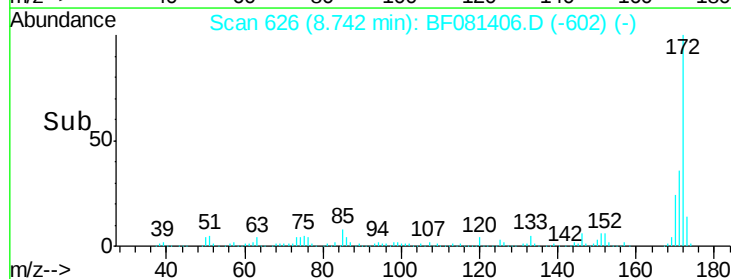
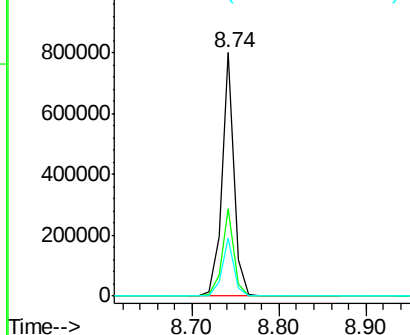


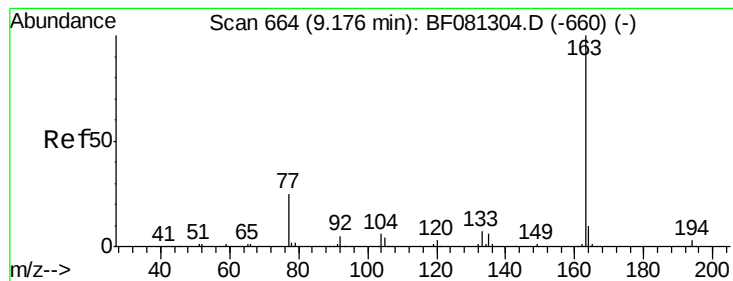
#44
 2-Fluorobiphenyl
 Concen: 97.67 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.1	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: 23.43 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

Instrument :

BNA_F

ClientSampleId :

COFF-2-22(0-2)

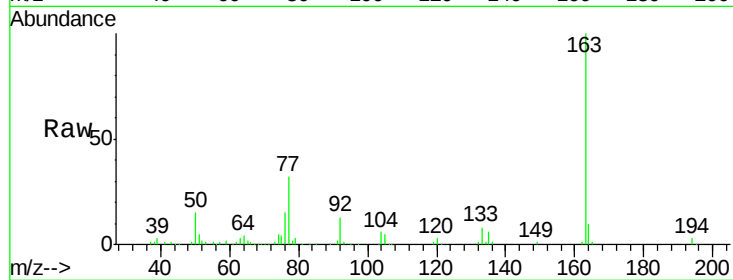
Tot Ion:163 Resp: 186658

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

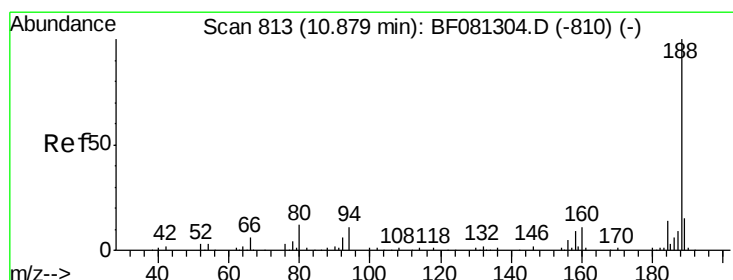
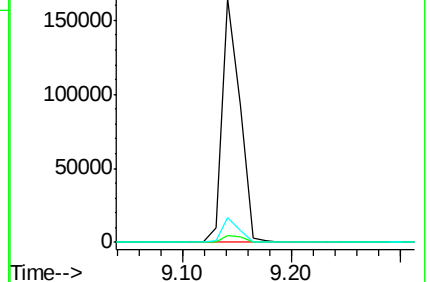
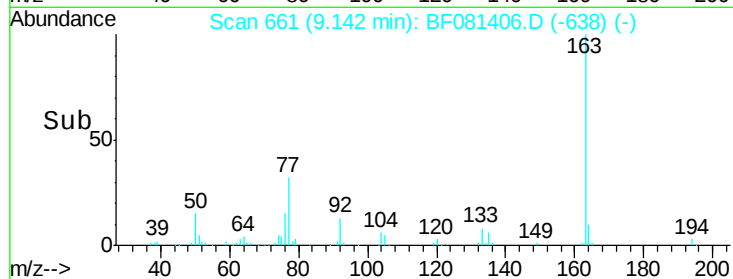
164 10.2 8.3 12.5



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: 10.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

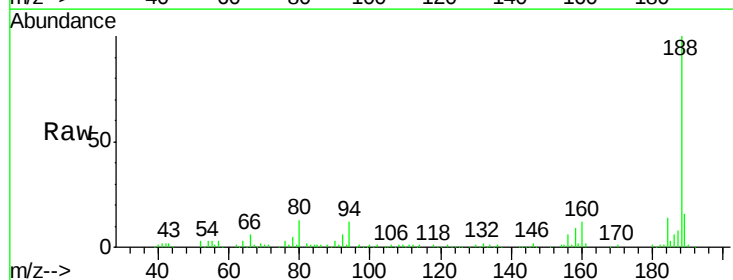
Tgt Ion:188 Resp: 196823

Ion Ratio Lower Upper

188 100

94 12.4 11.1 16.7

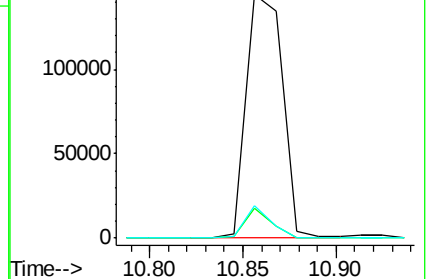
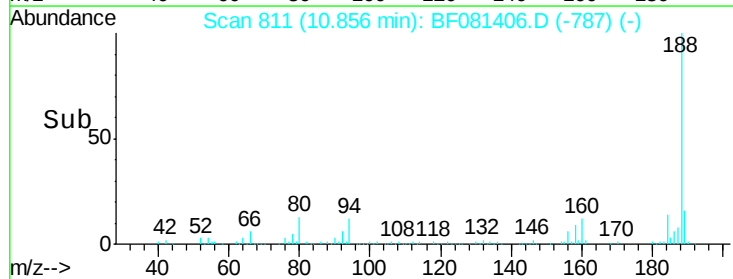
80 13.5 11.0 16.4

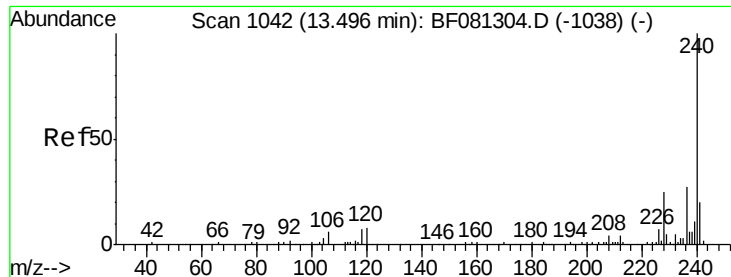


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.47 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

Instrument :

BNA_F

ClientSampleId :

COFF-2-22(0-2)

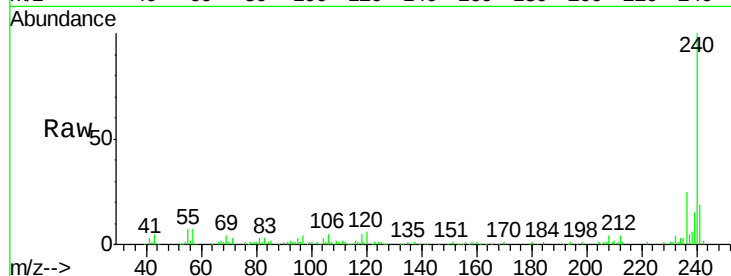
Tot Ion:240 Resp: 138649

Ion Ratio Lower Upper

240 100

120 5.8 16.2 24.2#

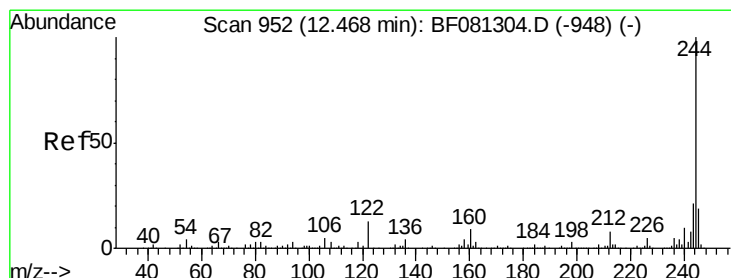
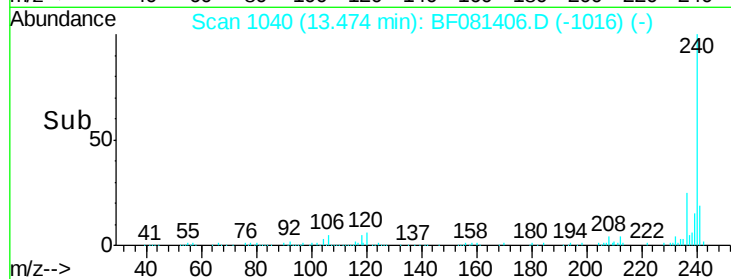
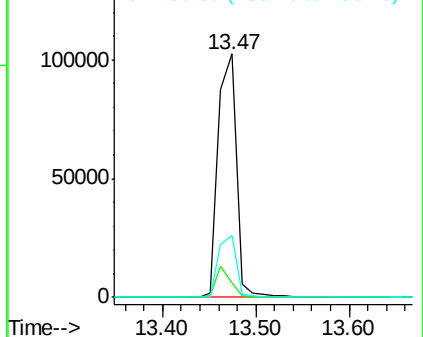
236 25.3 18.4 27.6



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: 131.85 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

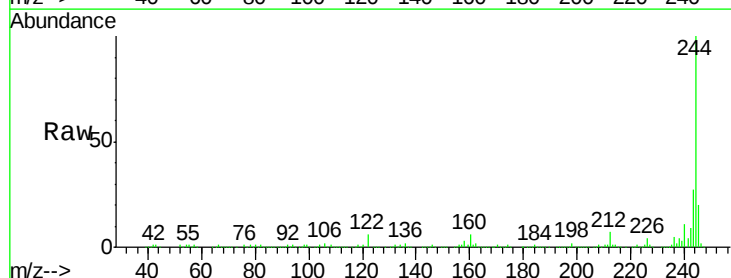
Tgt Ion:244 Resp: 785339

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

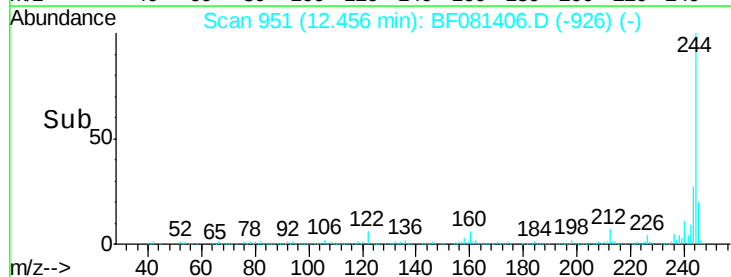
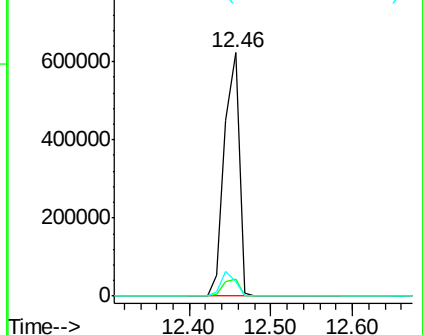
122 5.9 17.4 26.2#

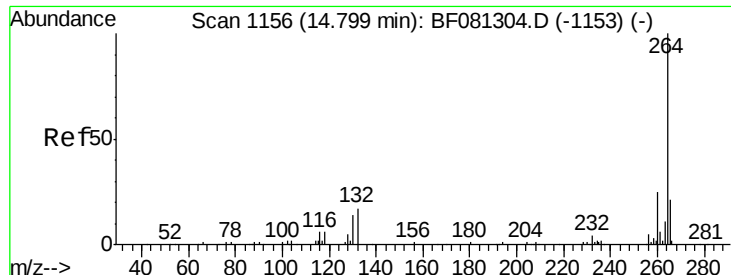


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

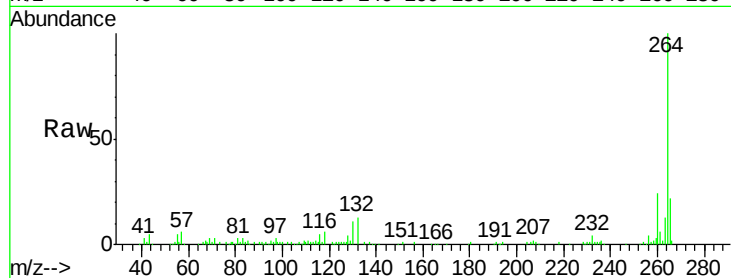




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-22(0-2)

Tot Ion: 264 Resp: 93722
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.7 17.2 25.8



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

