

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 07:37:18 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

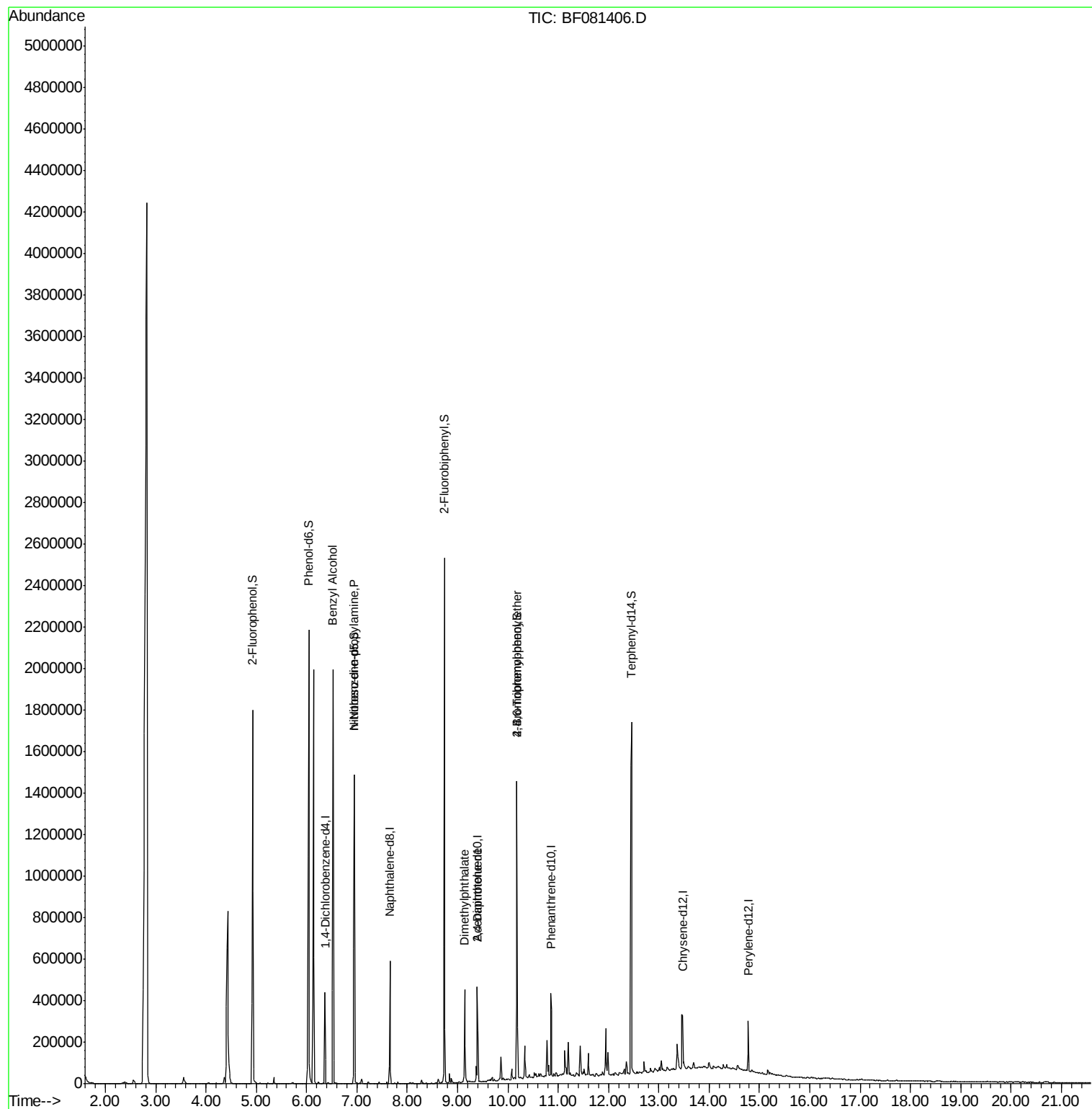
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	60053	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	238566	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	102544	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	196823	20.00	ng	-0.02
75) Chrysene-d12	13.47	240	138649	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						
15) Benzyl Alcohol	6.52	79	9030	2.15	ng	# 30
19) n-Nitroso-di-n-propylamine	6.95	70	71090	20.39	ng	# 61
49) Dimethylphthalate	9.14	163	186658	23.43	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	13203	5.73	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	9930	4.99	ng	# 1

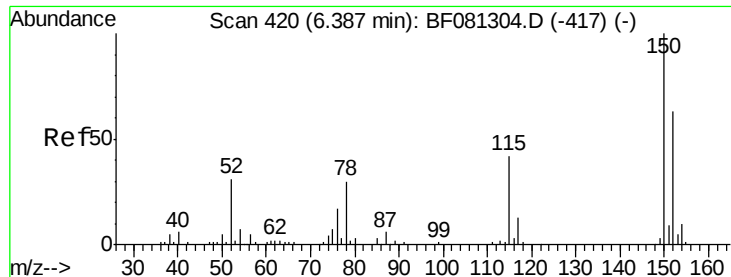
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081406.D
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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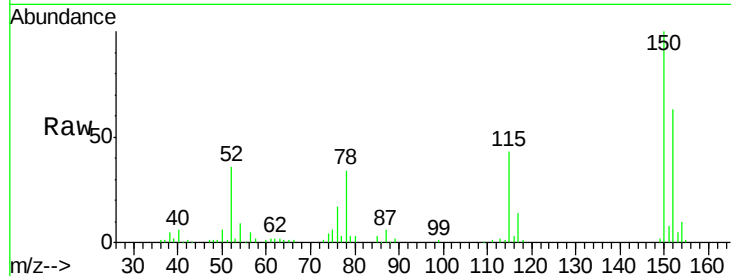


#1

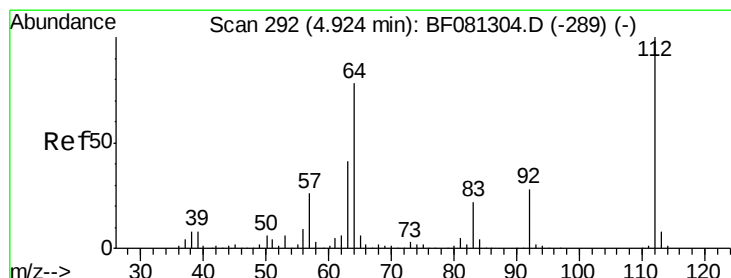
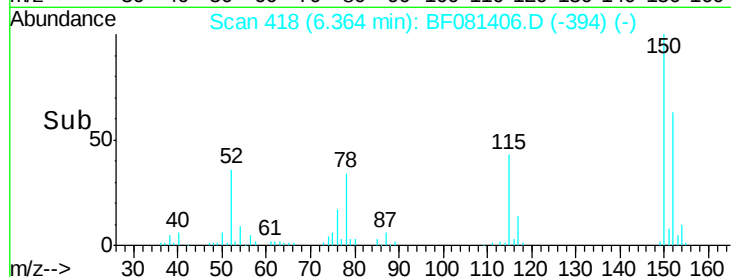
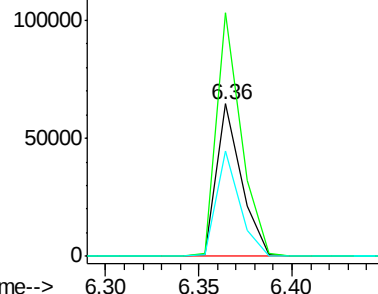
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

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#



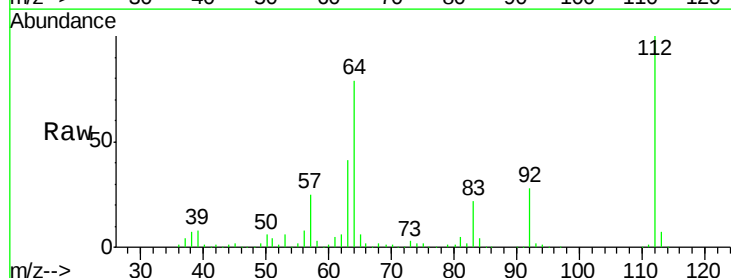
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



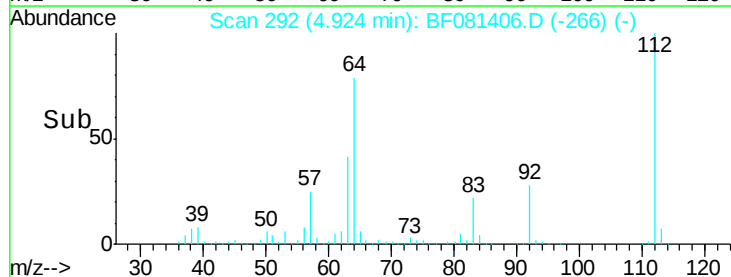
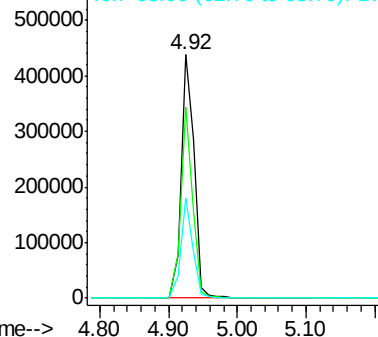
#5

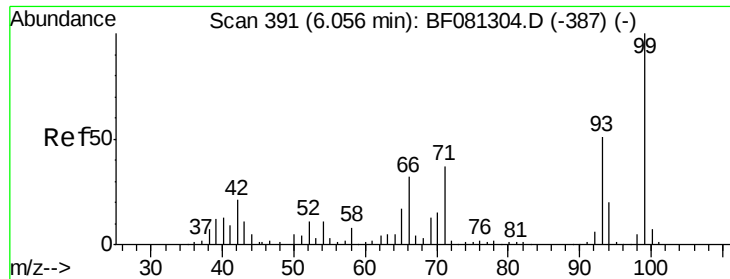
2-Fluorophenol
Concen: 148.63 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

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)

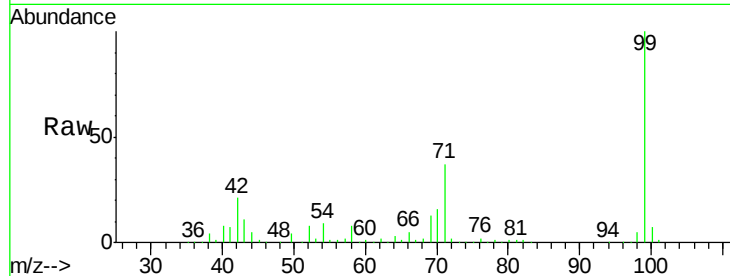
Tot Ion: 99 Resp: 792881

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

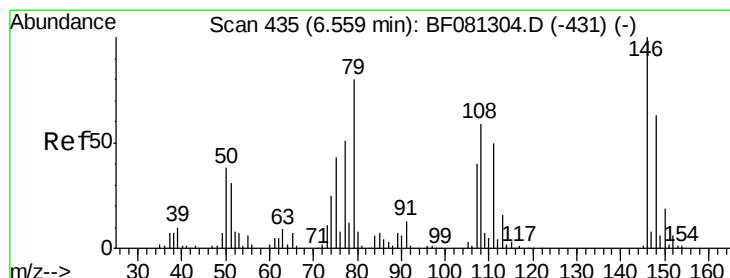
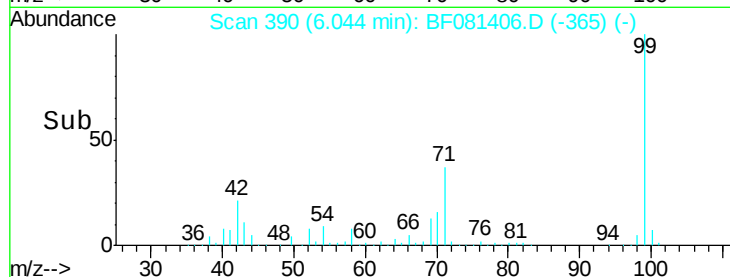
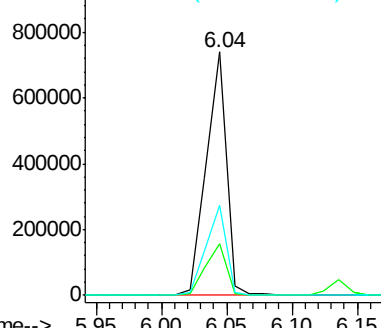
71 37.0 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081406.D

Acq: 4 Sep 2015 6:51

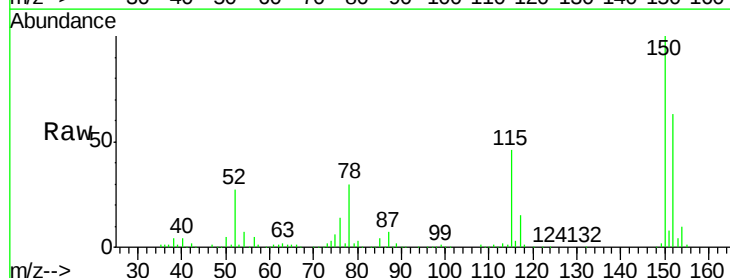
Tgt Ion: 79 Resp: 9030

Ion Ratio Lower Upper

79 100

108 27.3 88.6 132.8#

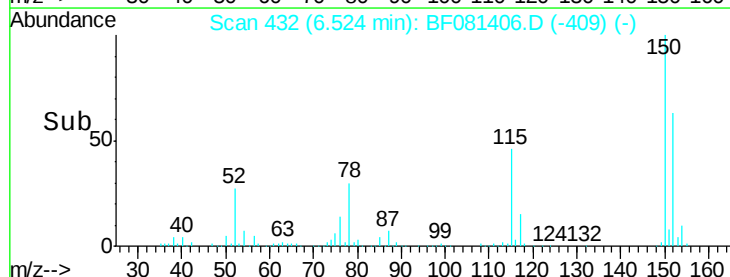
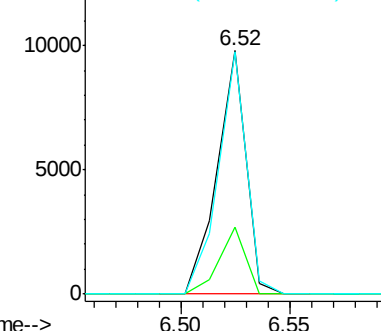
77 99.3 47.0 70.4#

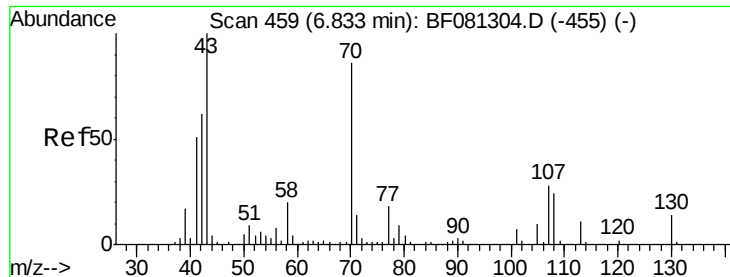


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

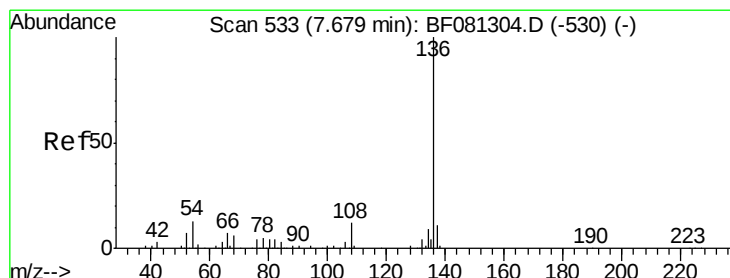
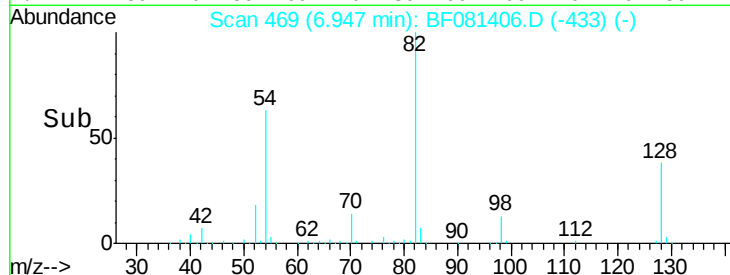
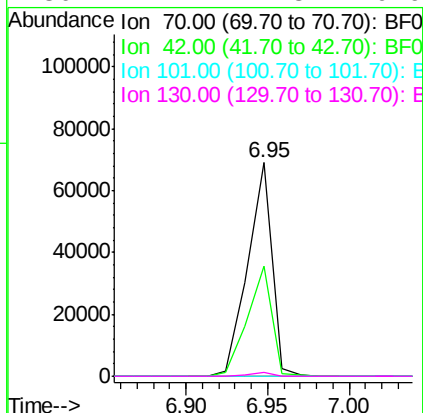
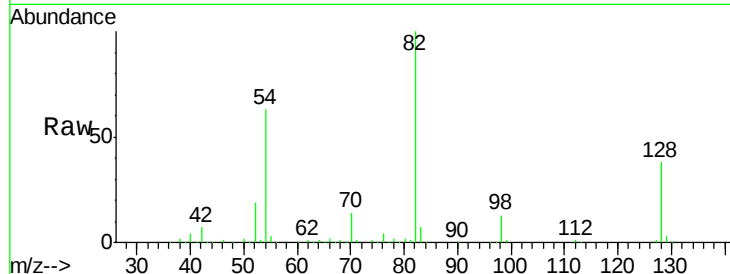




#19
n-Nitroso-di-n-propylamine
Concen: 20.39 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.11 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

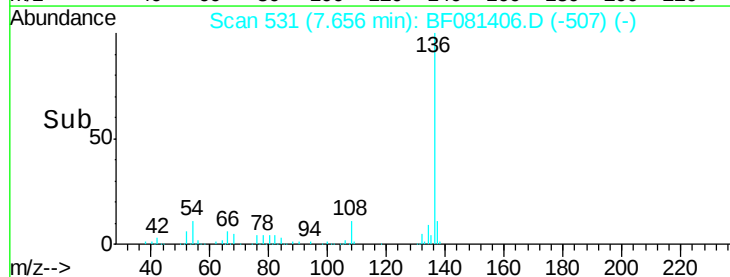
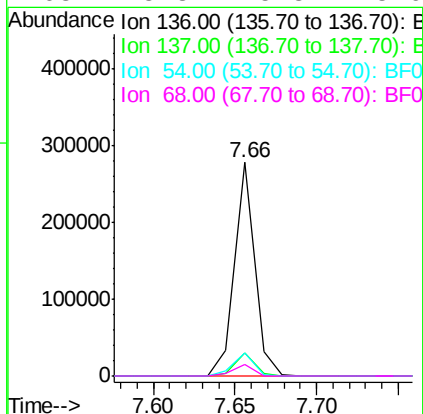
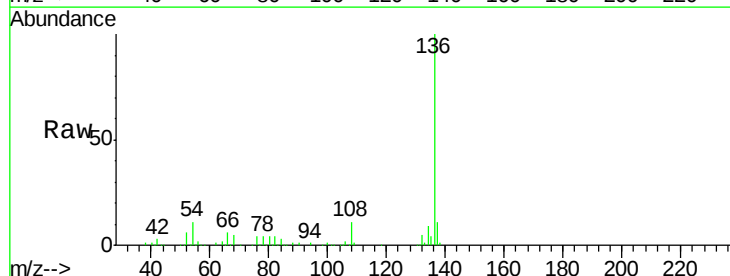
Instrument :
BNA_F
ClientSampleId :
COFF-2-22(0-2)

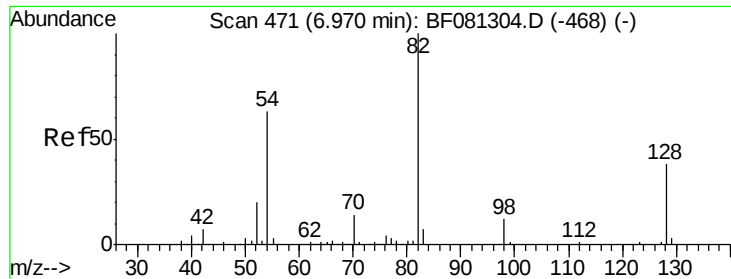
Tot Ion: 70 Resp: 71090
Ion Ratio Lower Upper
70 100
42 51.5 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#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#

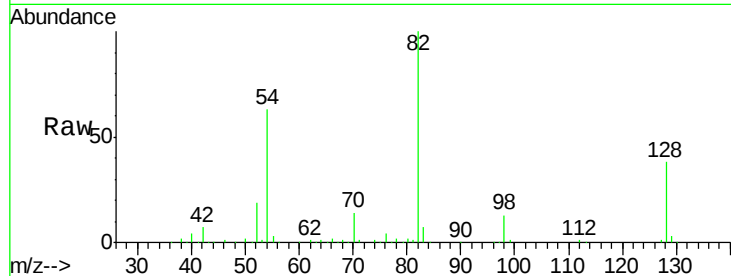




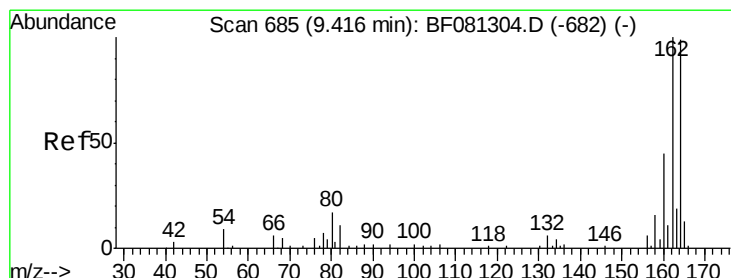
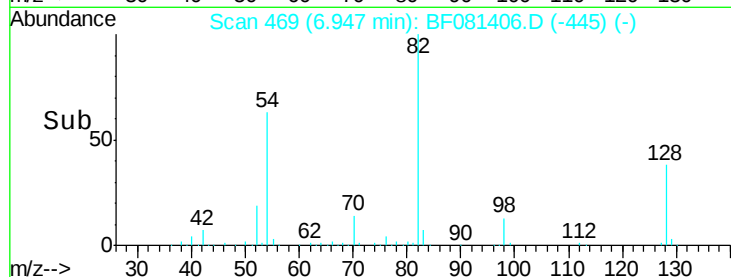
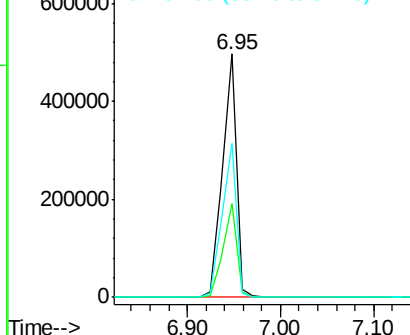
#23
 Nitrobenzene-d5
 Concen: 104.08 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

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

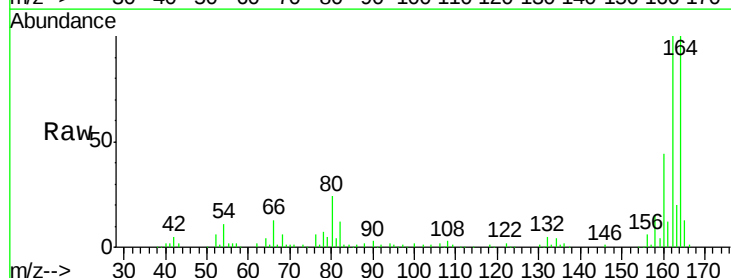


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

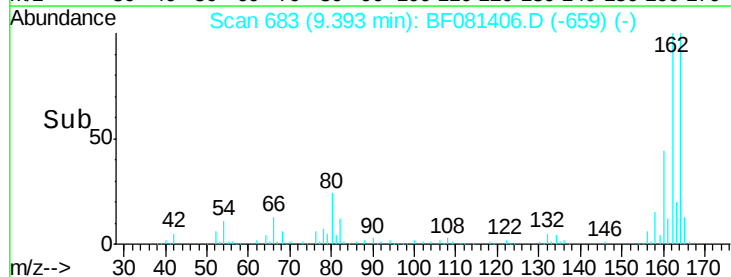
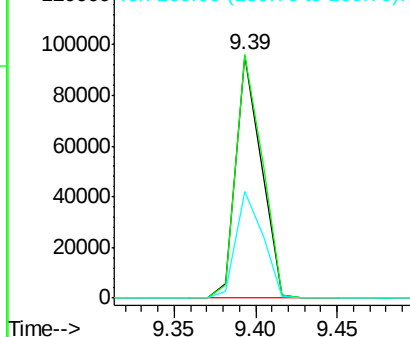


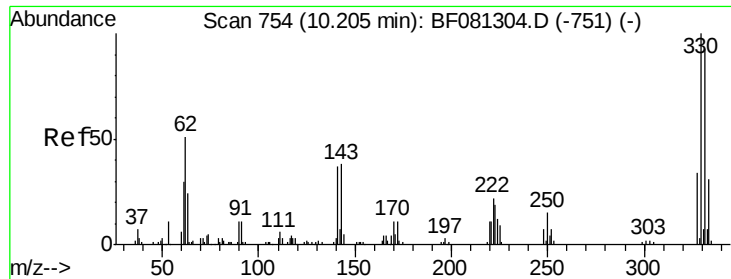
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

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

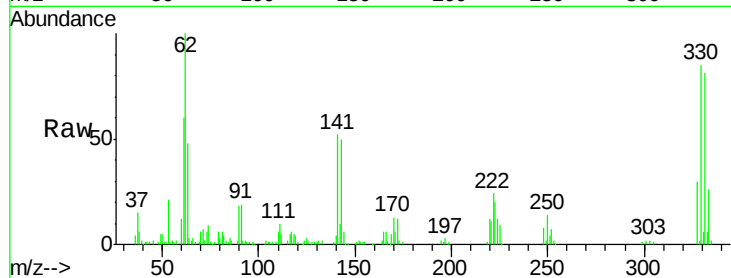




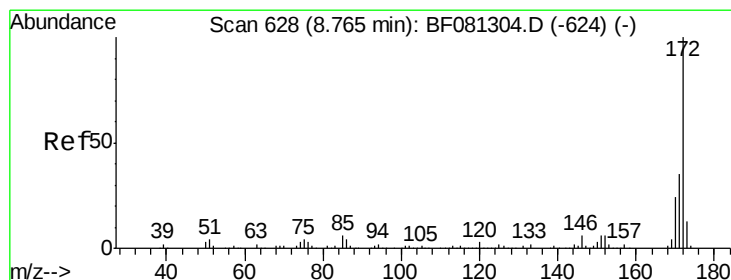
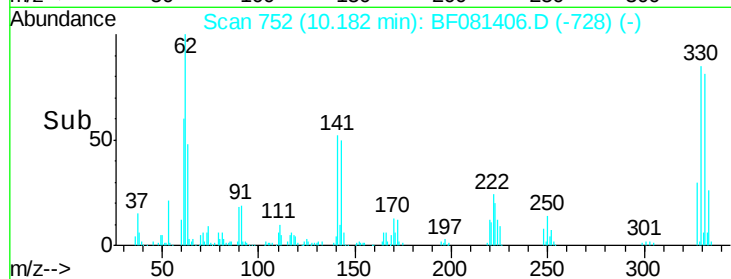
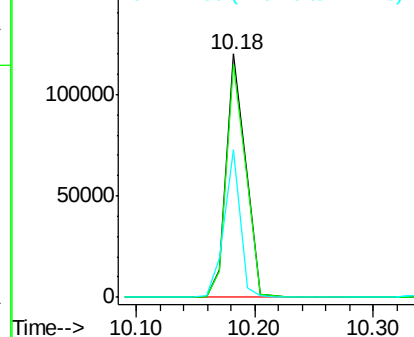
#41
 2,4,6-Tribromophenol
 Concen: 146.93 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

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

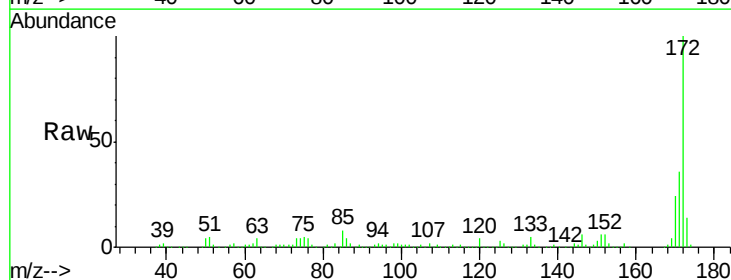


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

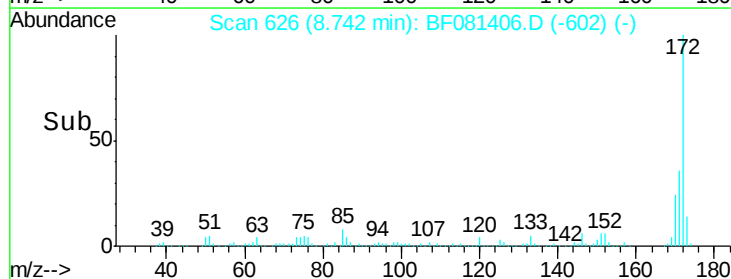
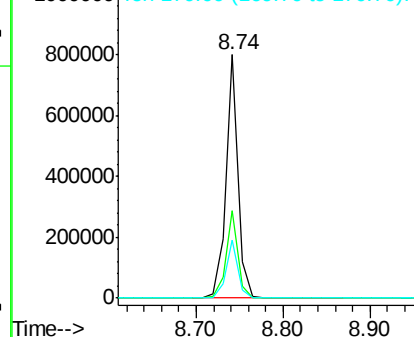


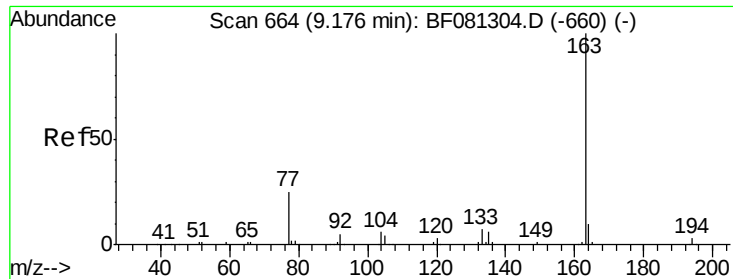
#44
 2-Fluorobiphenyl
 Concen: 97.67 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

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

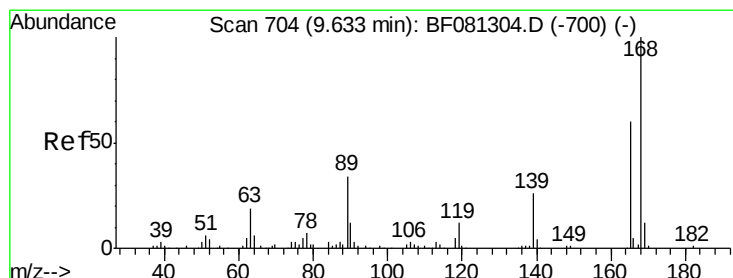
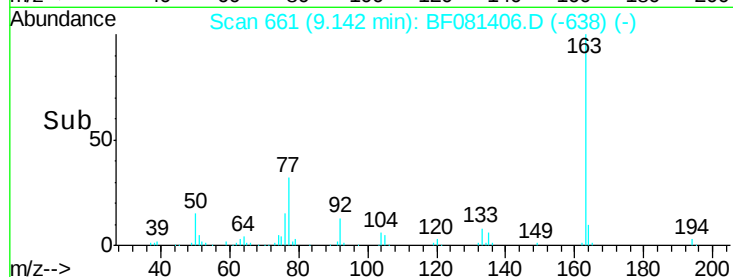
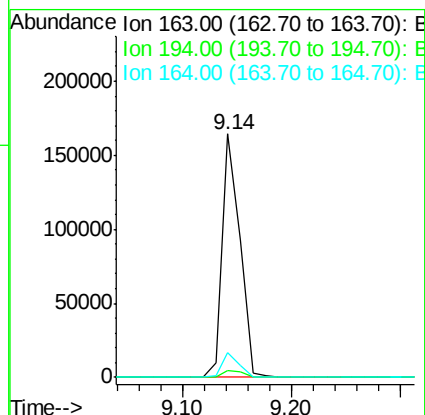
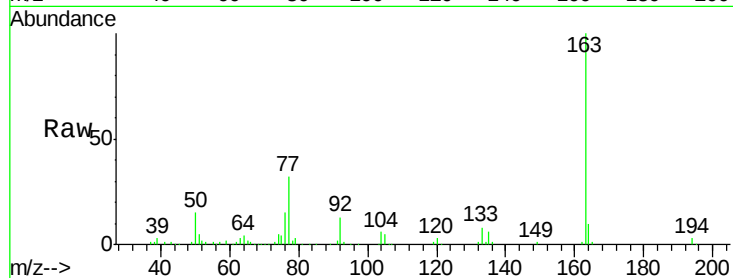




#49
Dimethylphthalate
Concen: 23.43 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

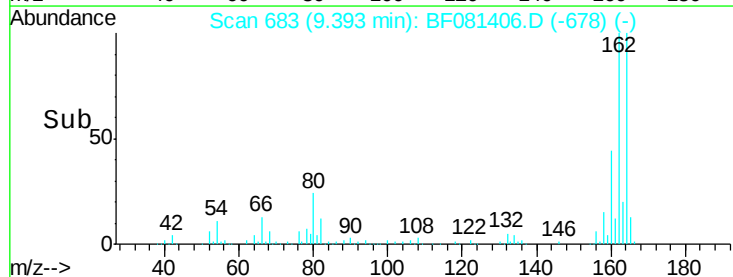
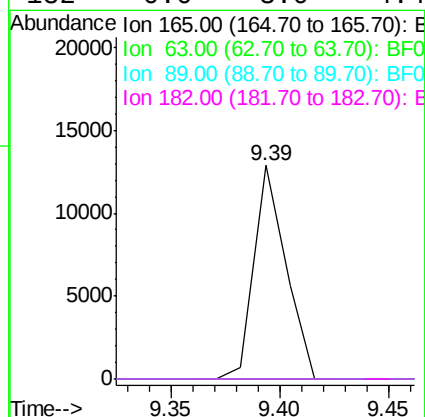
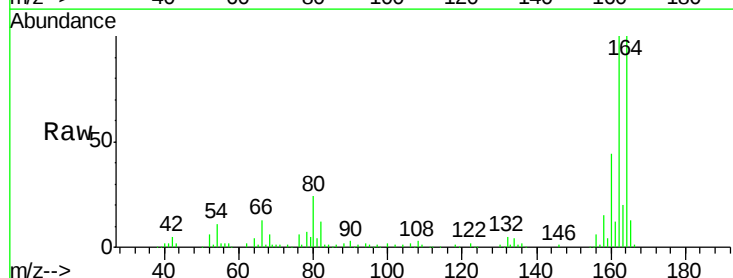
Instrument :
BNA_F
ClientSampleId :
COFF-2-22(0-2)

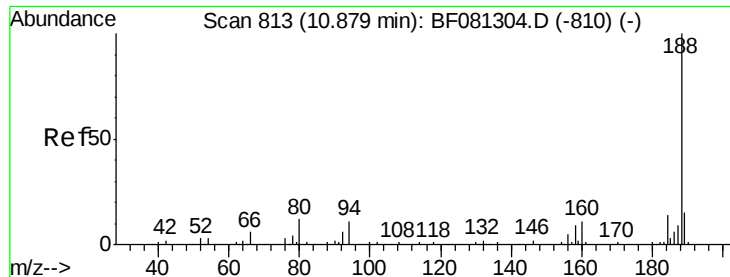
Tot Ion:163 Resp: 186658
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.2 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF081406.D
Acq: 4 Sep 2015 6:51

Tgt Ion:165 Resp: 13203
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

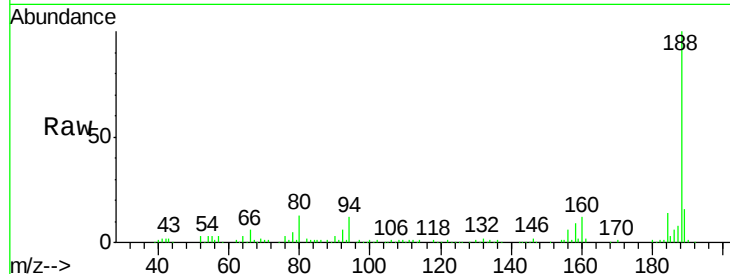




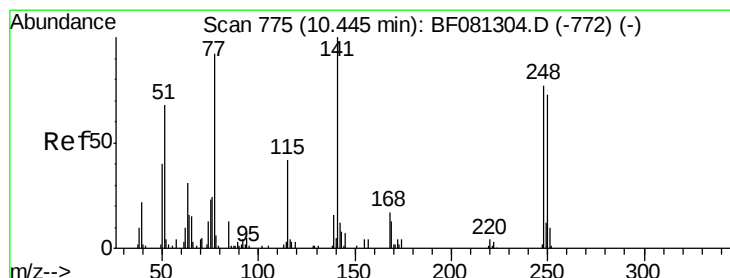
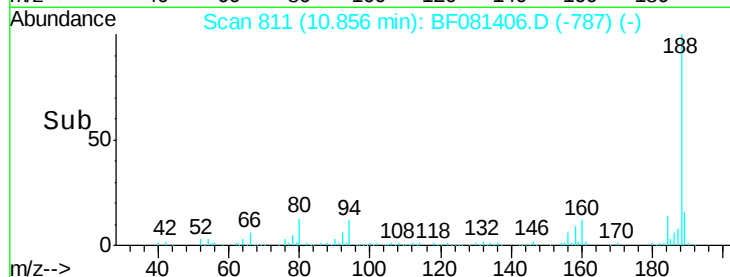
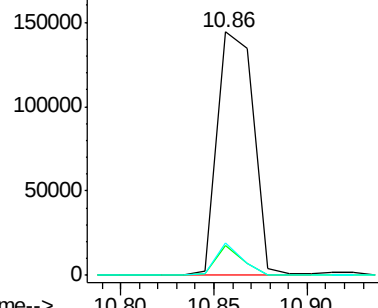
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	11.1	16.7
80	13.5	11.0	16.4

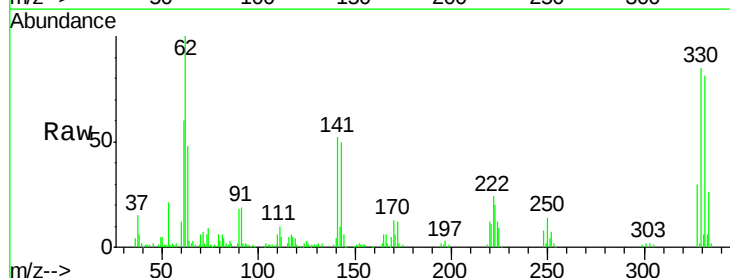


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

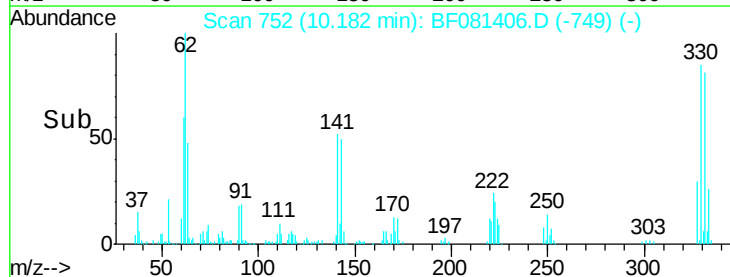
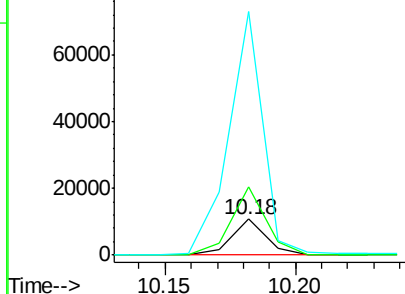


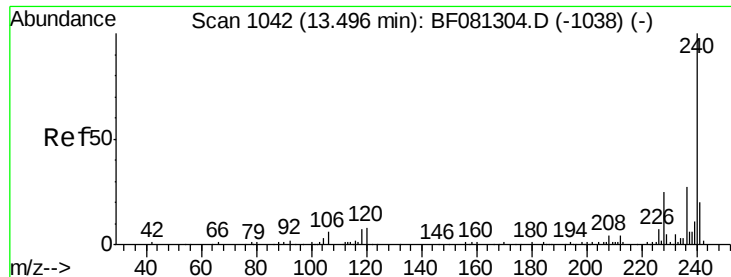
#66
 4-Bromophenyl-phenylether
 Concen: 4.99 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.26 min
 Lab File: BF081406.D
 Acq: 4 Sep 2015 6:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.2	78.5	117.7#
141	680.4	59.0	88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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)

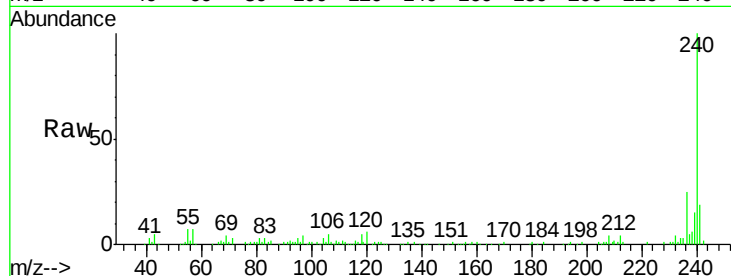
Tot Ion:240 Resp: 138649

Ion Ratio Lower Upper

240 100

120 5.8 16.2 24.2#

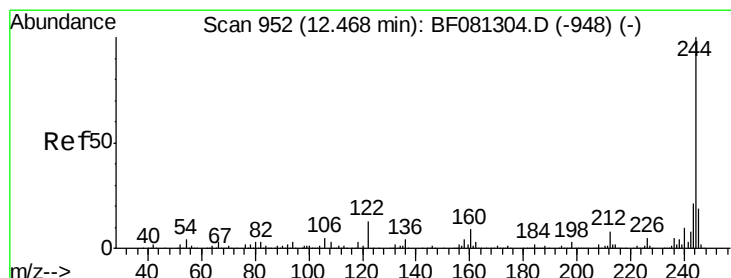
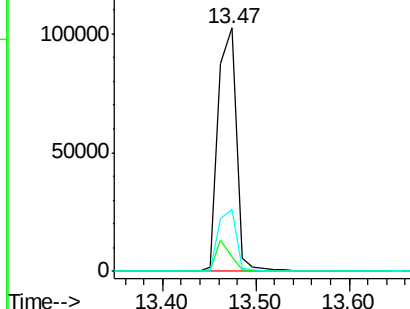
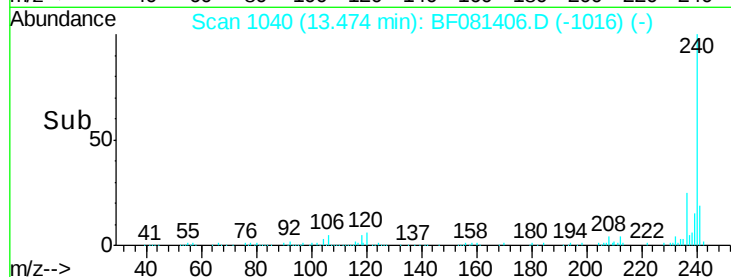
236 25.3 18.4 27.6



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

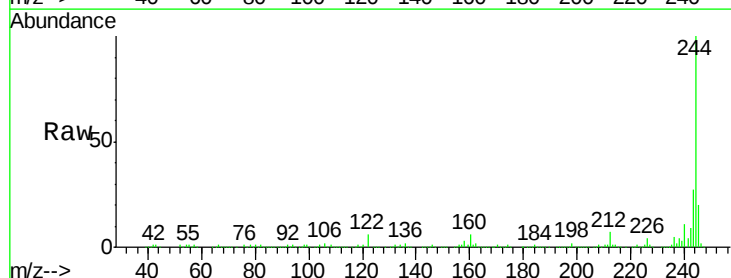
Tgt Ion:244 Resp: 785339

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

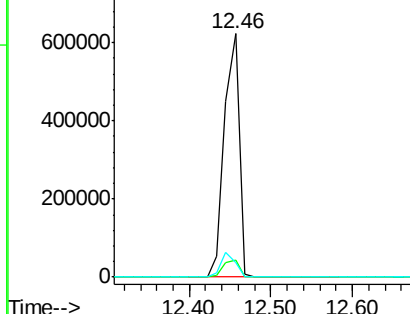
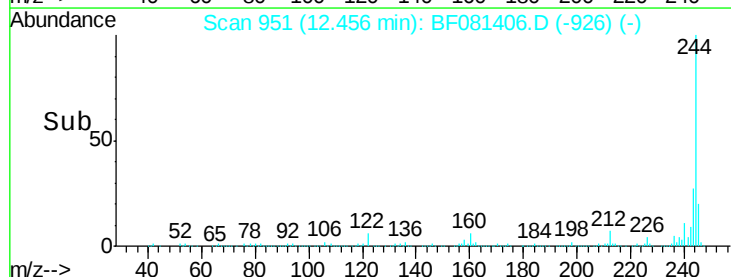
122 5.9 17.4 26.2#

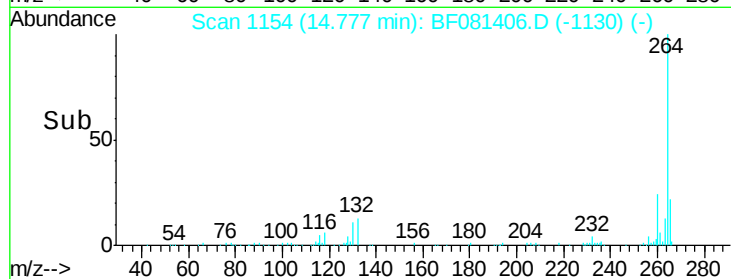
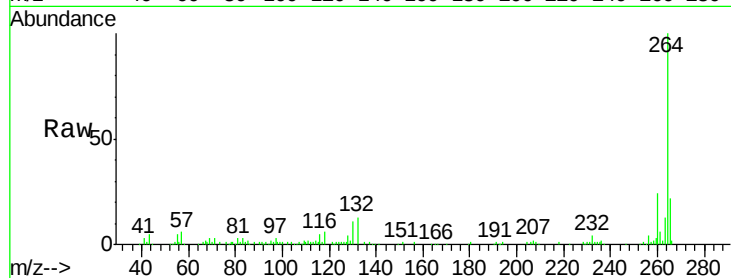
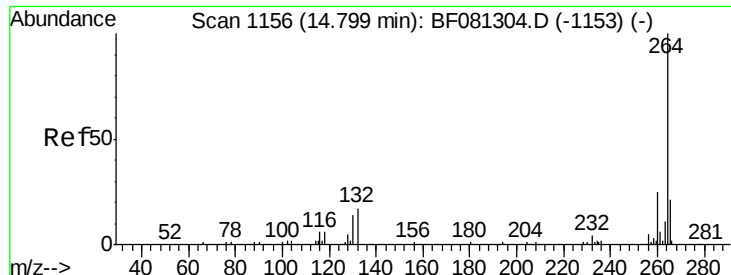


Abundance Ion 244.00 (243.70 to 244.70): E

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

