

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081063.D
 Acq On : 19 Aug 2015 2:12
 Operator : UM/IZ
 Sample : G3289-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-5

Quant Time: Aug 19 04:14:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

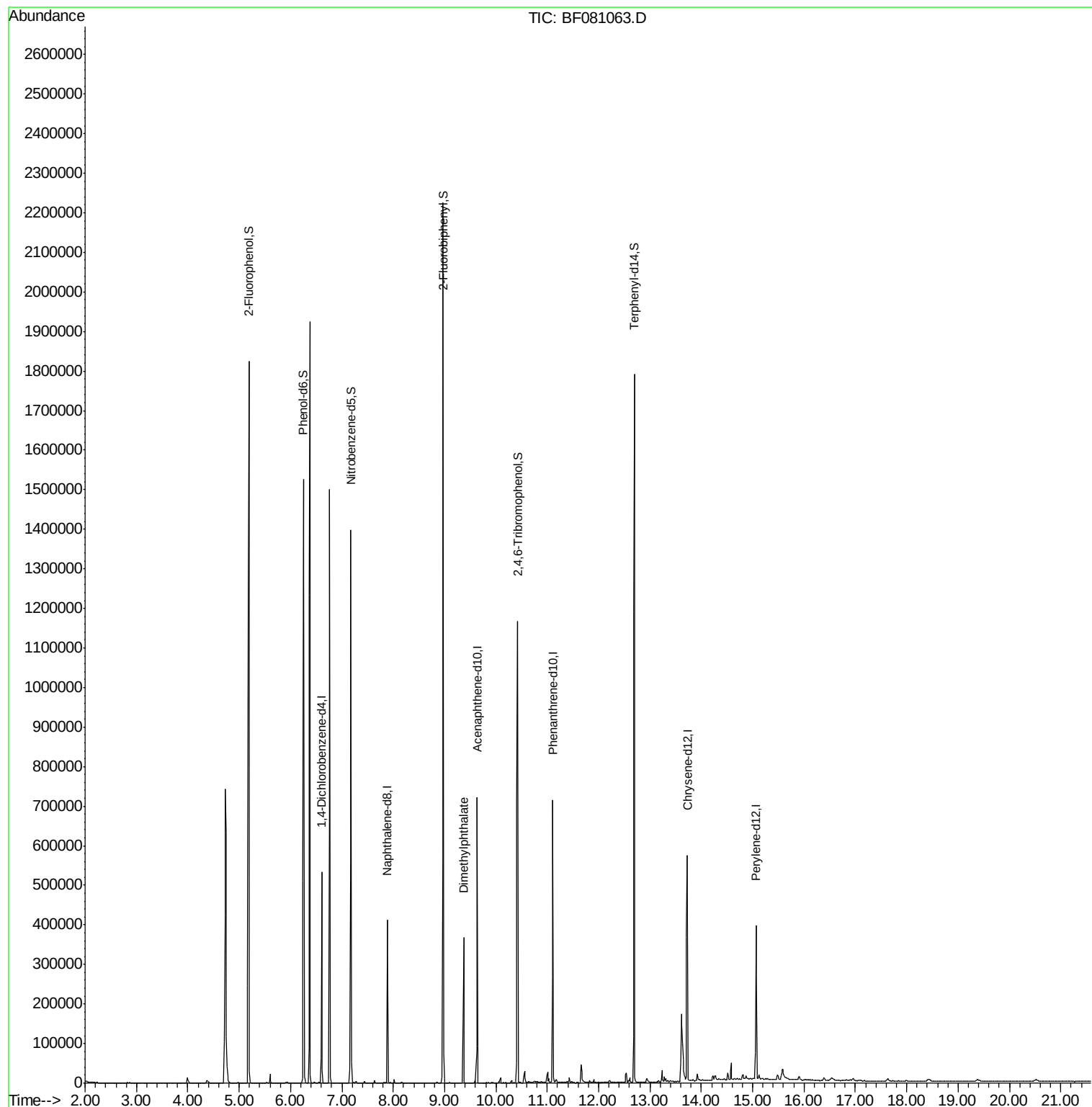
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	67072	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	244754	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	126819	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	276743	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	238976	20.00	ng	-0.02
86) Perylene-d12	15.06	264	185397	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	577813	129.58	ng	0.00
7) Phenol-d6	6.25	99	799123	137.35	ng	-0.01
23) Nitrobenzene-d5	7.18	82	468389	87.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	124369	113.13	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	626513	64.73	ng	-0.02
78) Terphenyl-d14	12.70	244	688793	61.79	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	163165	15.62	ng	98

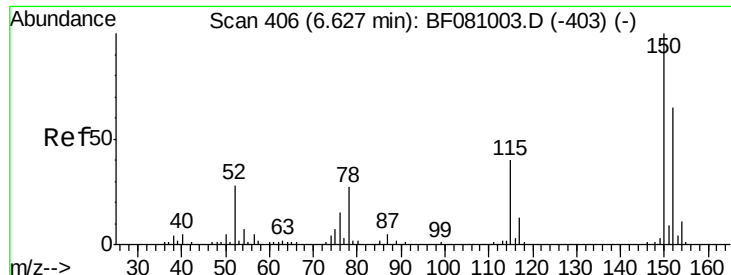
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-5

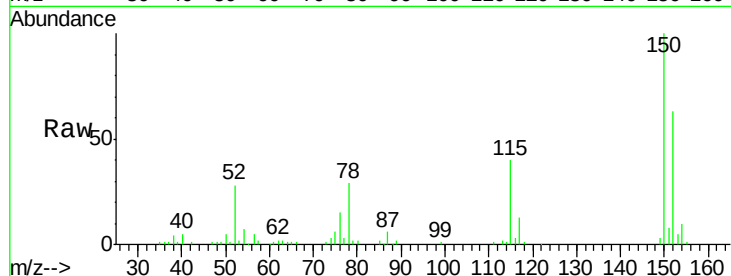
Tot Ion:152 Resp: 67072

Ion Ratio Lower Upper

152 100

150 159.8 123.8 185.6

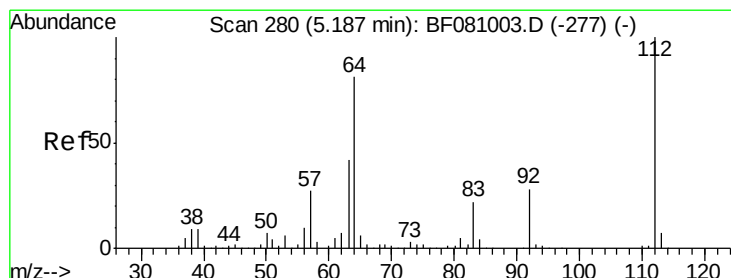
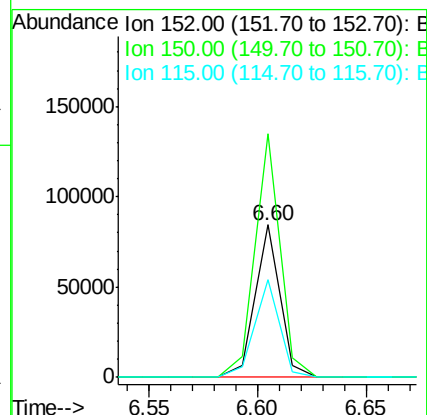
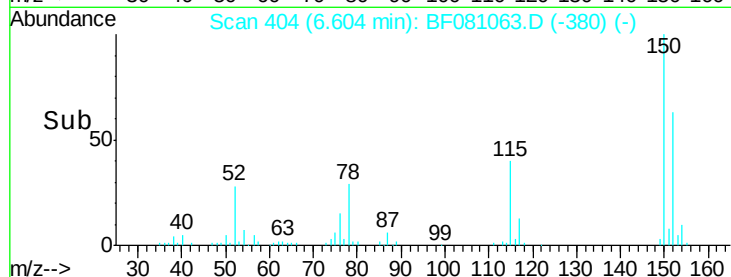
115 64.0 52.1 78.1



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: 129.58 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

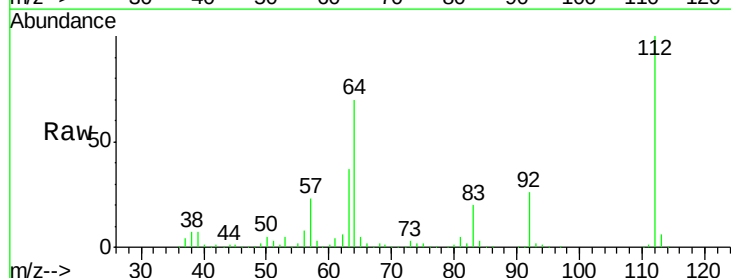
Tgt Ion:112 Resp: 577813

Ion Ratio Lower Upper

112 100

64 69.8 66.9 100.3

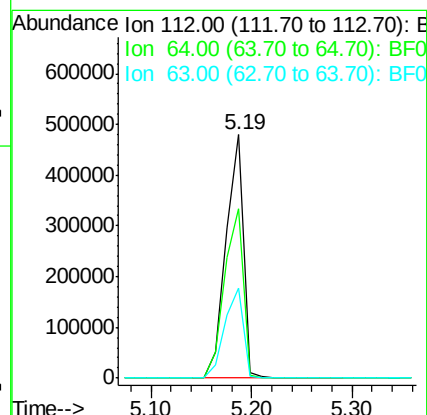
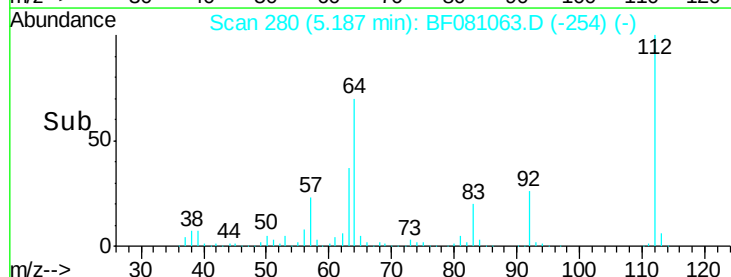
63 37.0 38.1 57.1#

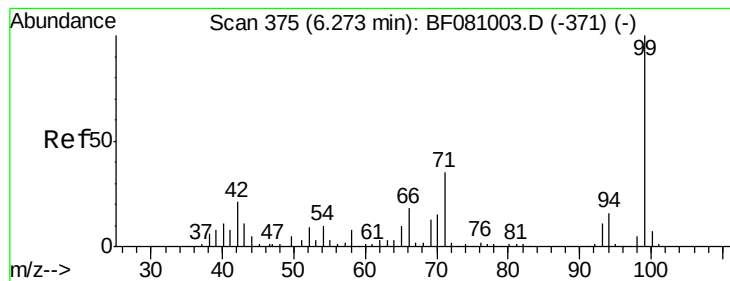


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.35 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-5

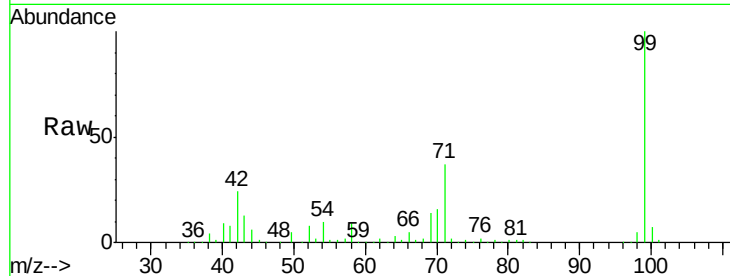
Tot Ion: 99 Resp: 799123

Ion Ratio Lower Upper

99 100

42 24.1 19.6 29.4

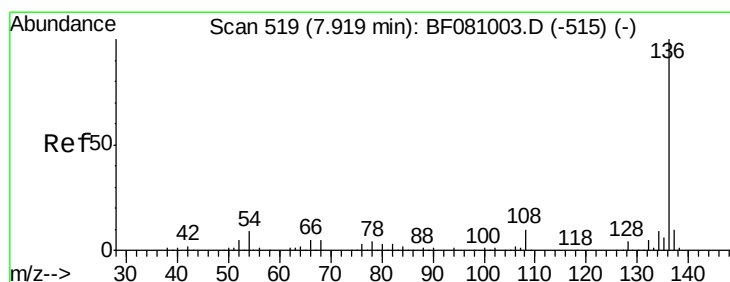
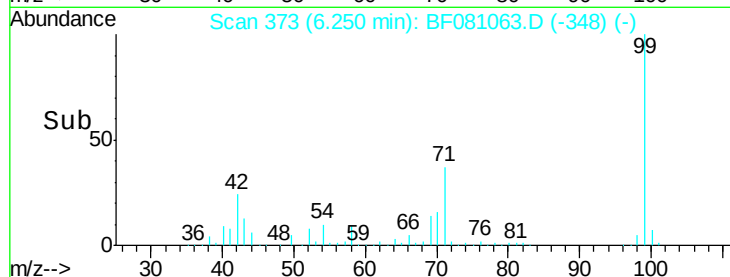
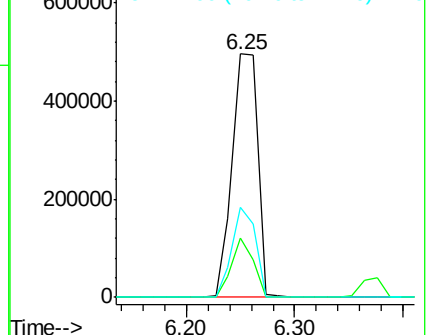
71 37.0 31.2 46.8



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: 7.88 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Tgt Ion: 136 Resp: 244754

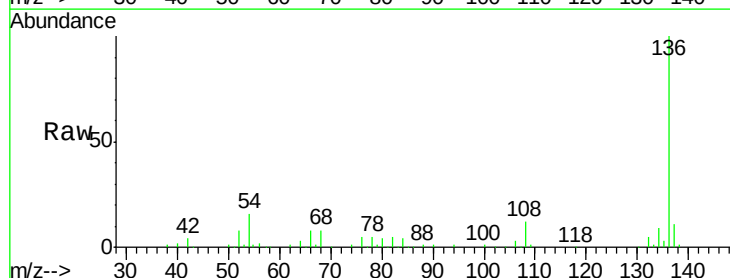
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 16.1 7.7 11.5#

68 7.7 3.4 5.2#

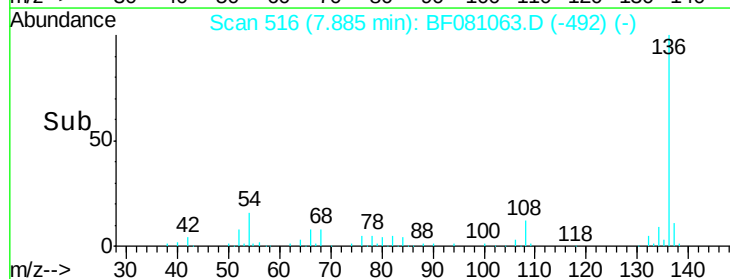
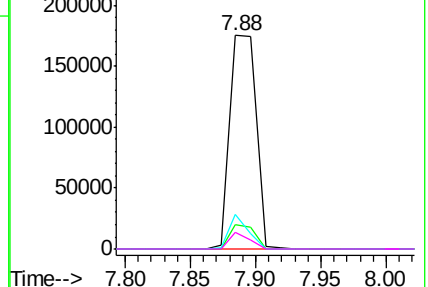


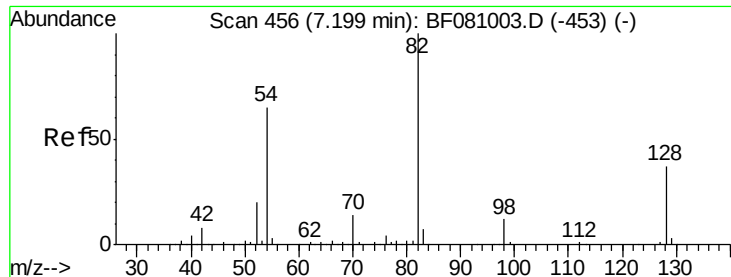
Abundance Ion 136.00 (135.70 to 136.70): E

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

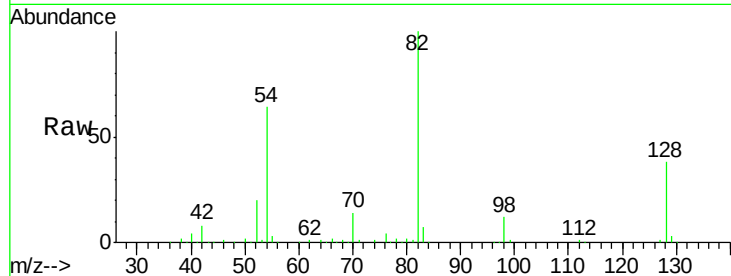




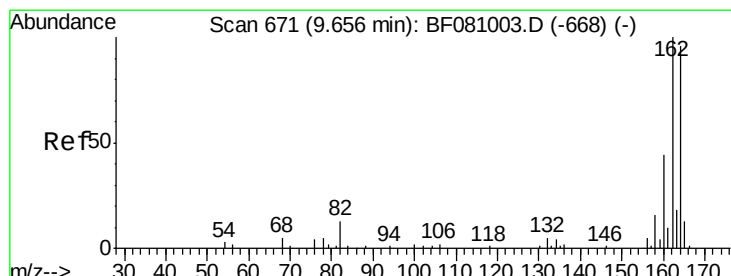
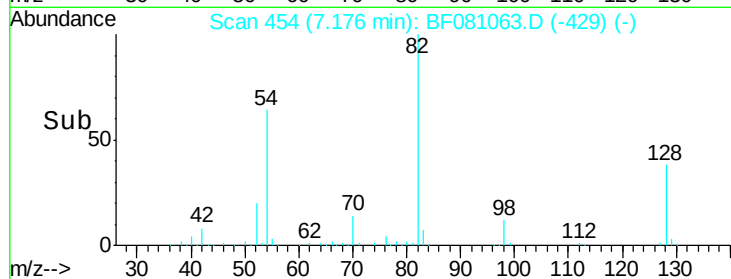
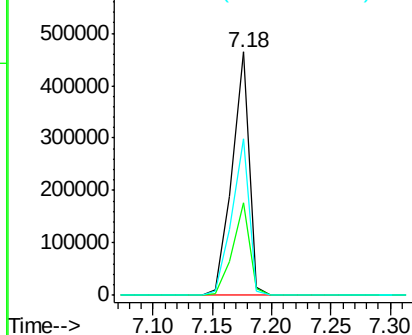
#23
 Nitrobenzene-d5
 Concen: 87.42 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-5

Tot Ion	82	Resp	468389
Ion Ratio	Lower	Upper	
82	100		
128	37.9	28.6	42.8
54	64.5	55.1	82.7

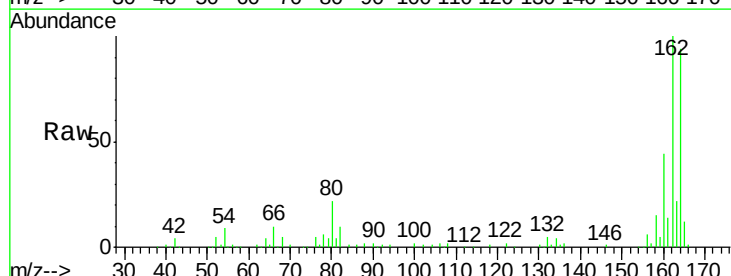


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

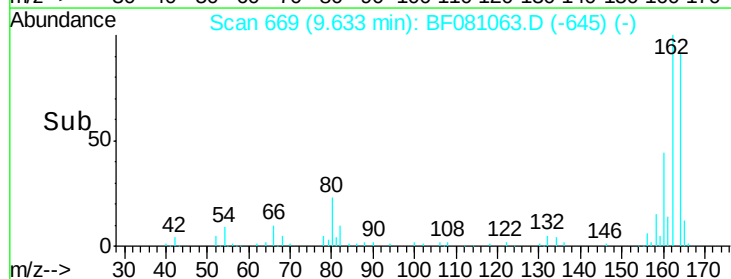
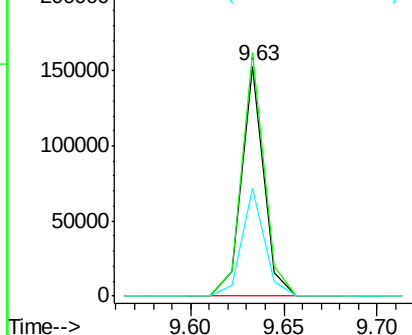


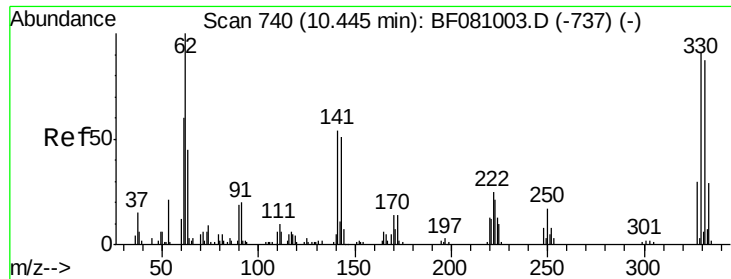
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Tgt Ion	164	Resp	126819
Ion Ratio	Lower	Upper	
164	100		
162	106.0	83.8	125.8
160	46.9	39.8	59.8



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

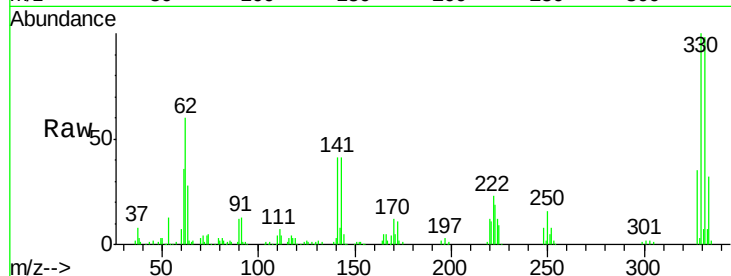




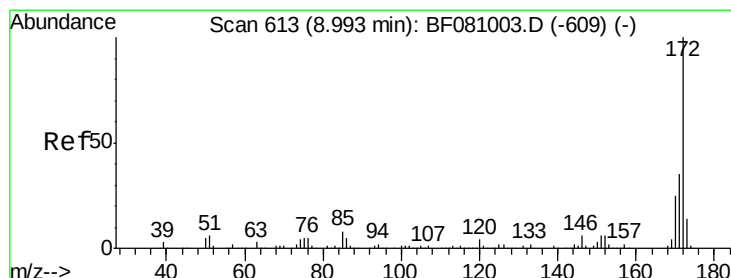
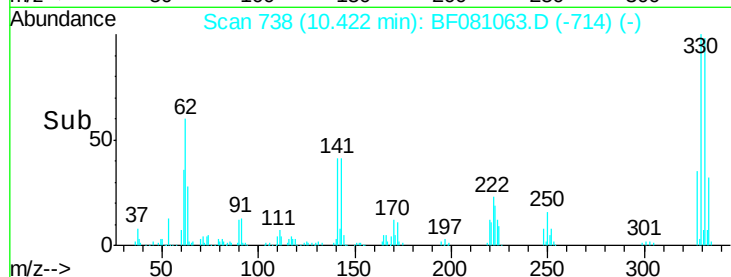
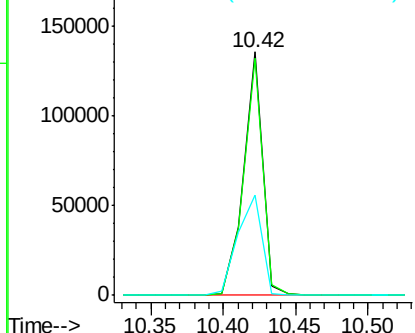
#41
 2,4,6-Tribromophenol
 Concen: 113.13 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	52.3	44.9	67.3

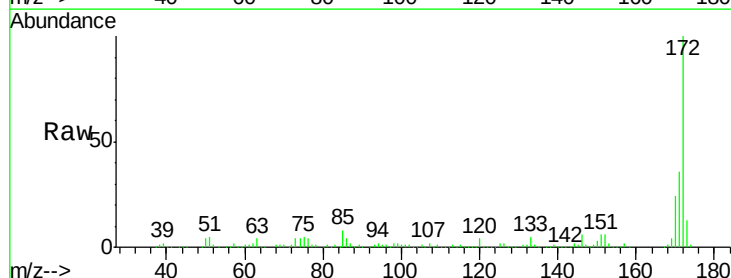


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

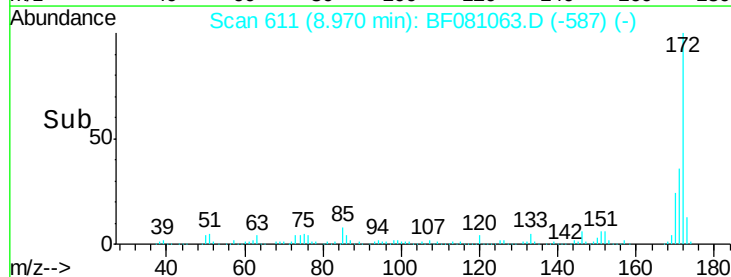
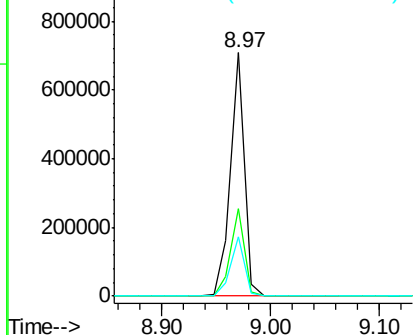


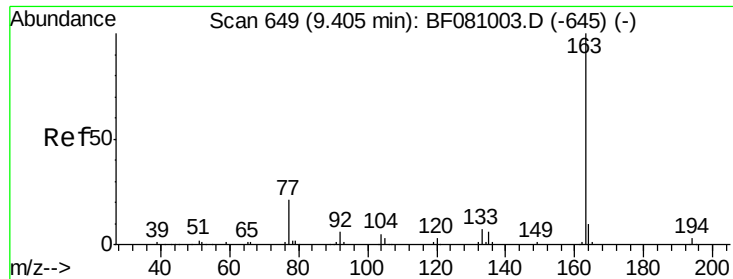
#44
 2-Fluorobiphenyl
 Concen: 64.73 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.4	29.2



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

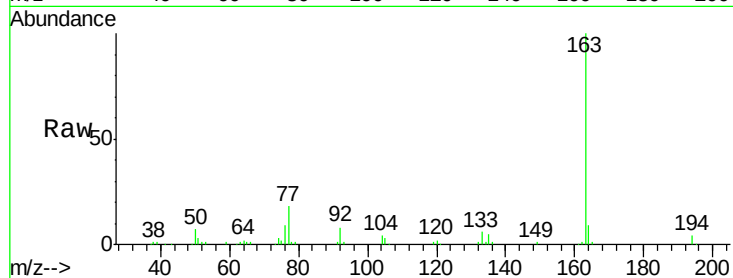




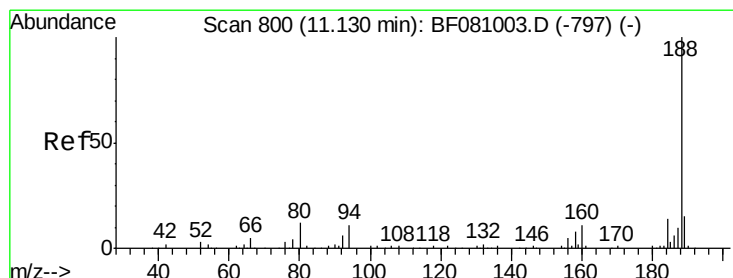
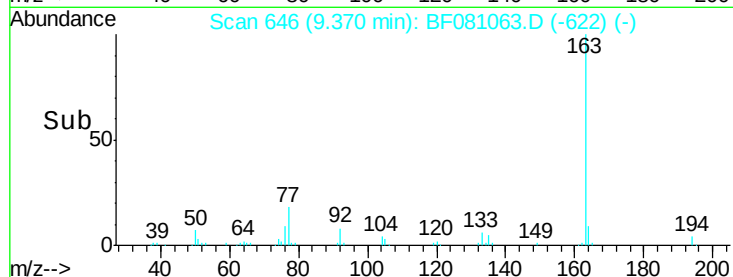
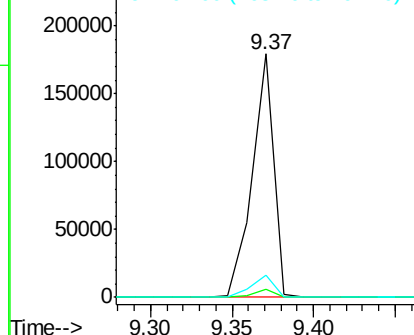
#49
Dimethylphthalate
Concen: 15.62 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.5	3.7
164	9.3	8.1	12.1

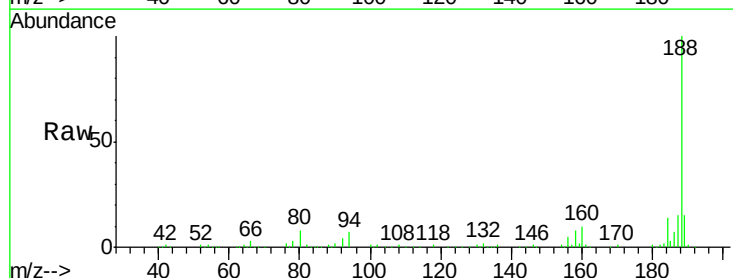


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

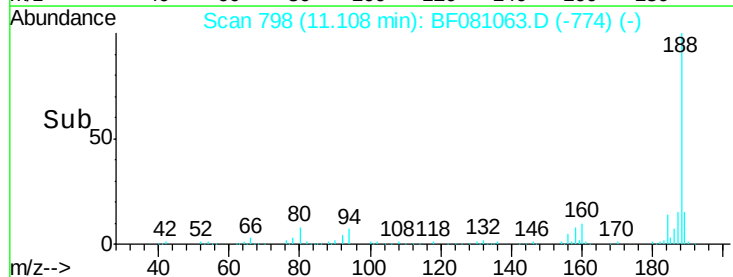
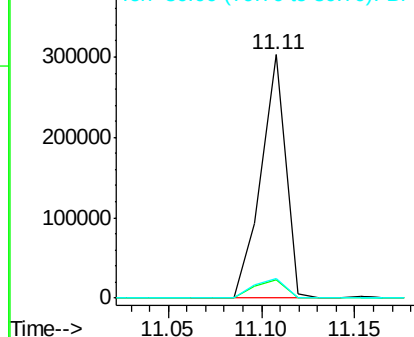


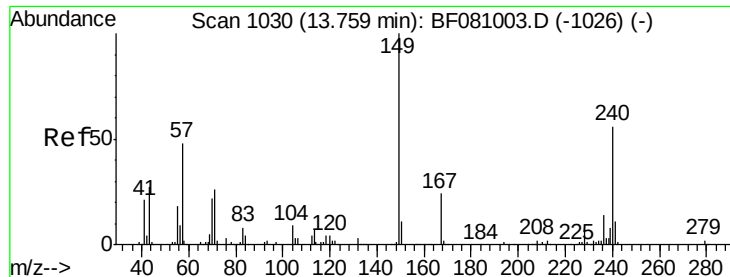
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.2#
80	8.1	9.5	14.3#



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-5

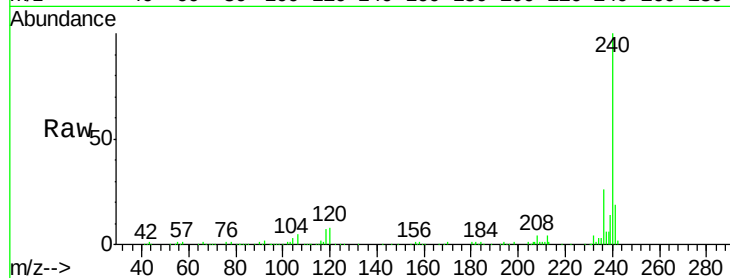
Tot Ion:240 Resp: 238976

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

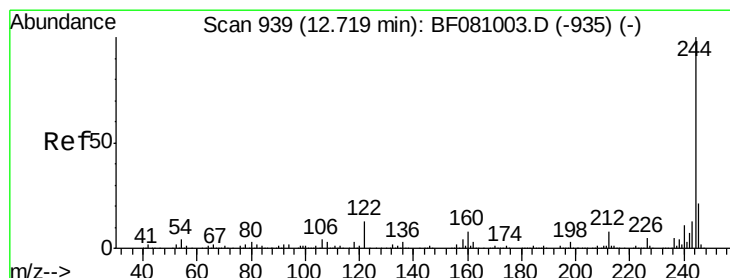
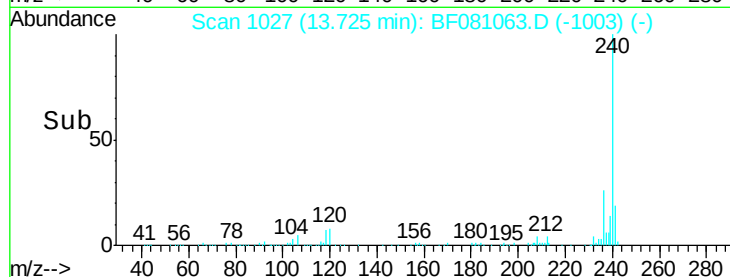
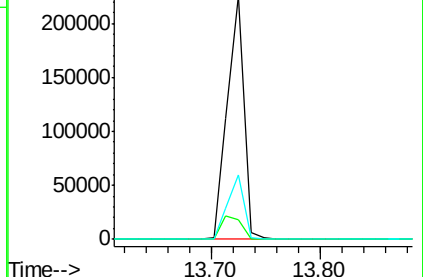
236 26.3 20.6 30.8



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: 61.79 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

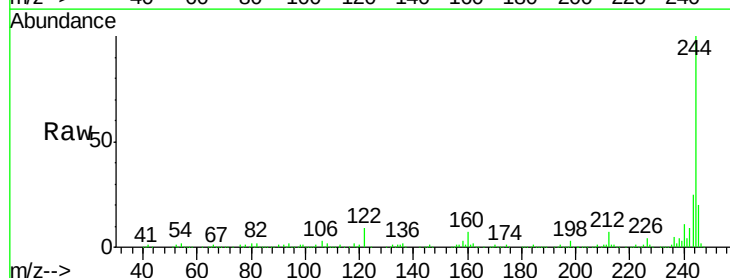
Tgt Ion:244 Resp: 688793

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

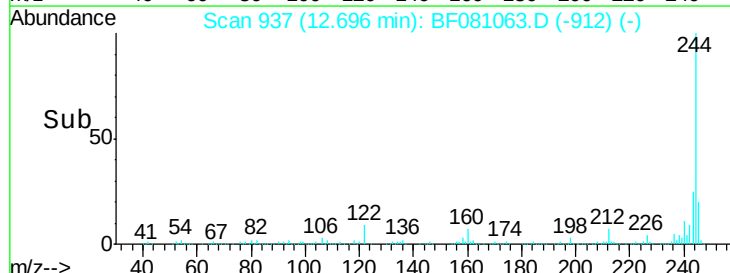
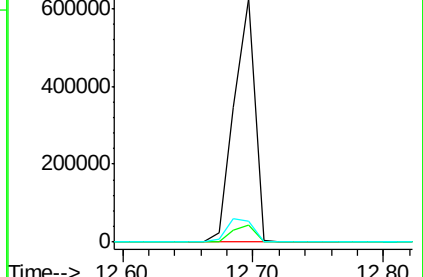
122 8.5 8.2 12.4

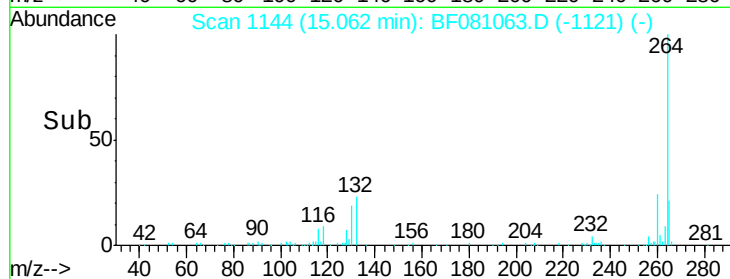
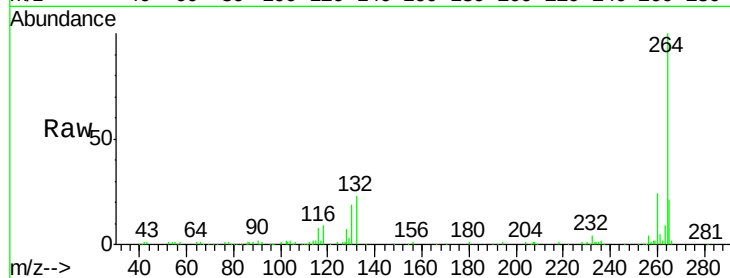
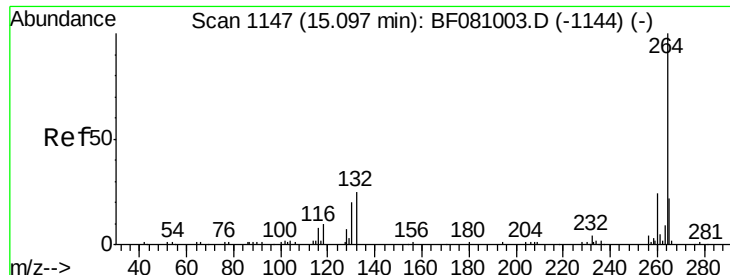


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.5	17.5	26.3

