

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081068.D
 Acq On : 19 Aug 2015 5:53
 Operator : UM/IZ
 Sample : G3289-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1

Quant Time: Aug 19 07:27:46 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

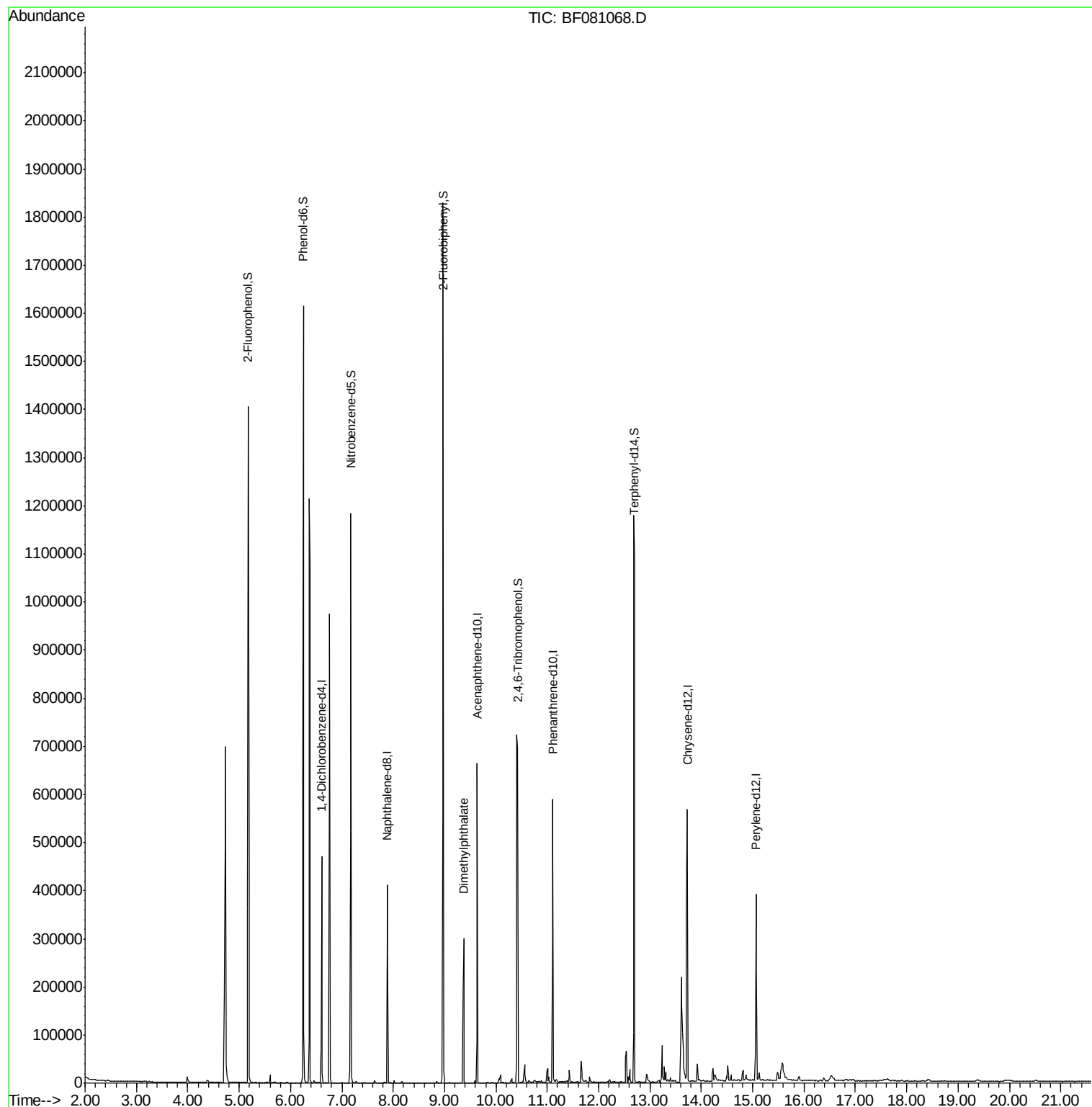
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	61233	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	226704	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	115922	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	248028	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	230768	20.00	ng	-0.02
86) Perylene-d12	15.06	264	172840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	392912	96.51	ng	-0.01
7) Phenol-d6	6.25	99	526673	99.15	ng	-0.01
23) Nitrobenzene-d5	7.18	82	402095	81.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	106520	106.01	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	547091	61.84	ng	-0.02
78) Terphenyl-d14	12.70	244	538729	50.05	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.37	163	151091	15.83	ng	Qvalue 99

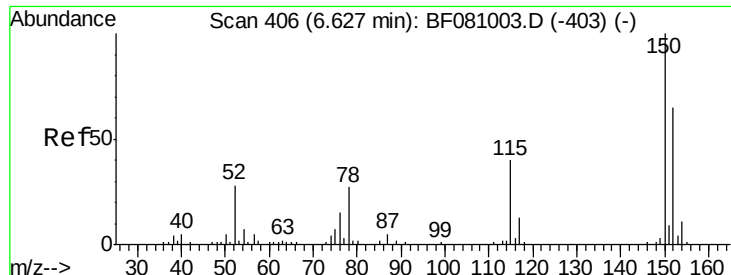
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-1

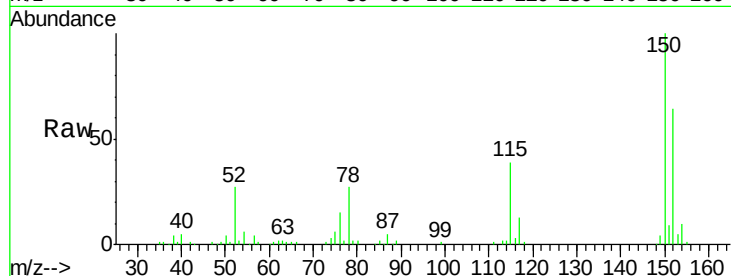
Tot Ion:152 Resp: 61233

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

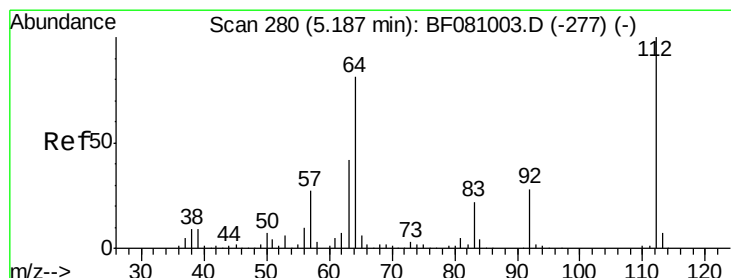
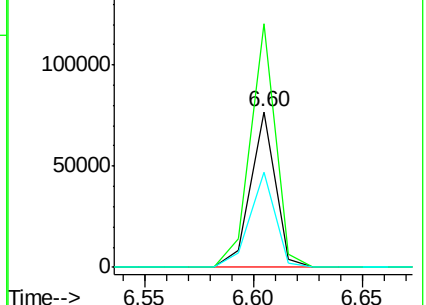
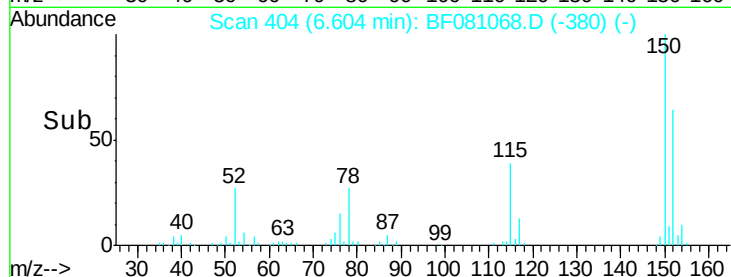
115 61.5 52.1 78.1



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: 96.51 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

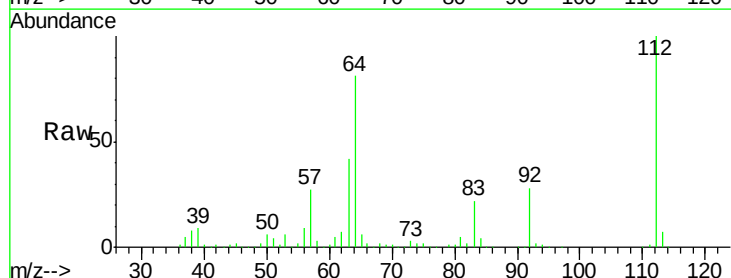
Tgt Ion:112 Resp: 392912

Ion Ratio Lower Upper

112 100

64 80.7 66.9 100.3

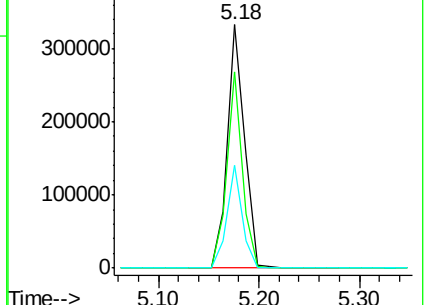
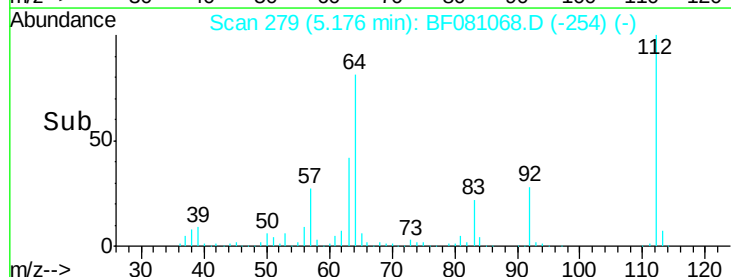
63 42.2 38.1 57.1

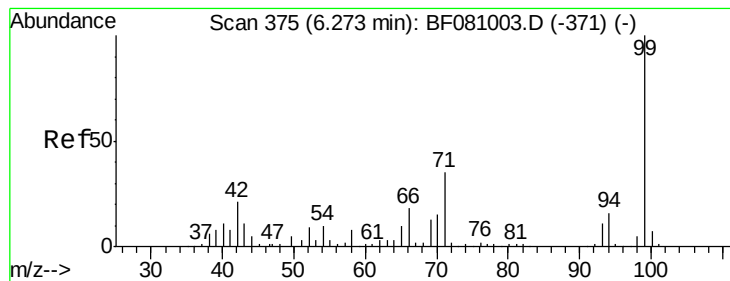


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.15 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-1

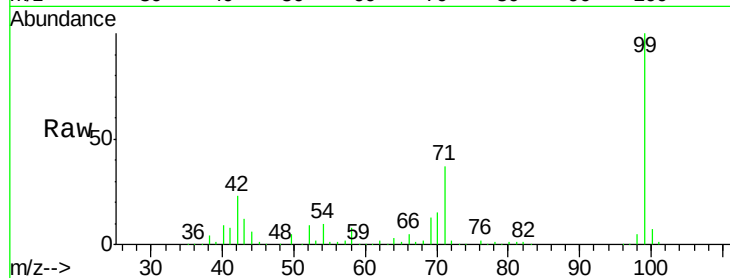
Tot Ion: 99 Resp: 526673

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

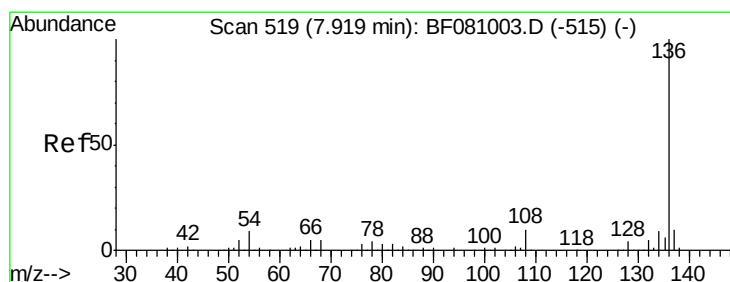
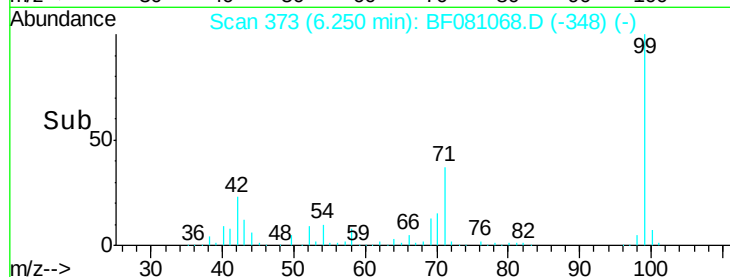
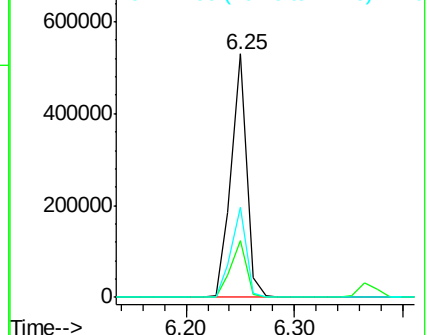
71 36.8 31.2 46.8



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: BF081068.D

Acq: 19 Aug 2015 5:53

Tgt Ion: 136 Resp: 226704

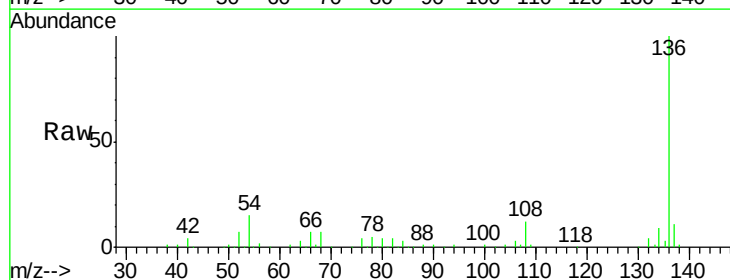
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 15.2 7.7 11.5#

68 7.1 3.4 5.2#

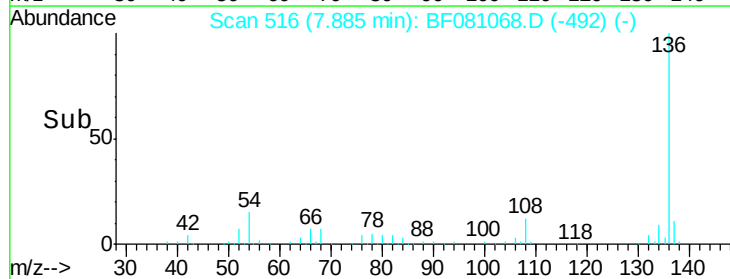
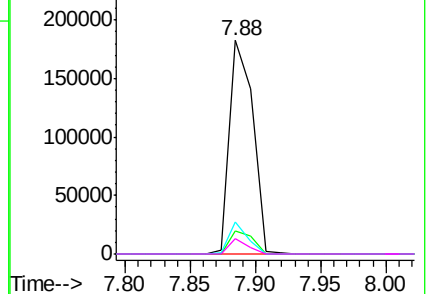


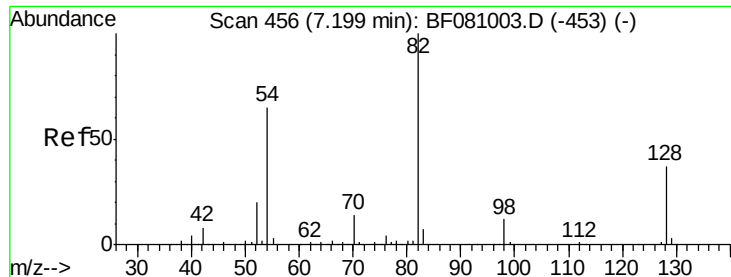
Abundance Ion 136.00 (135.70 to 136.70): E

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

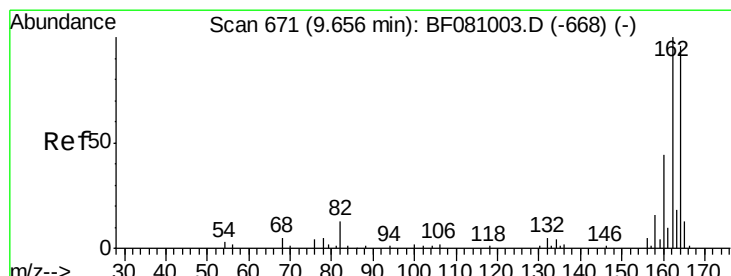
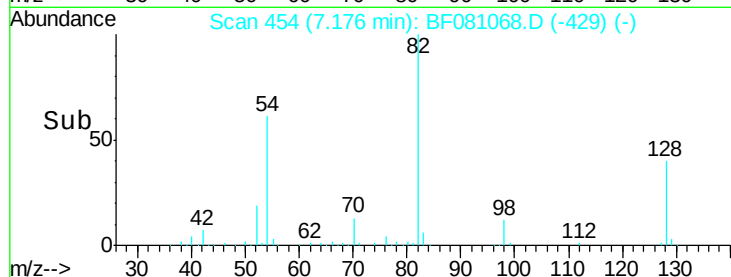
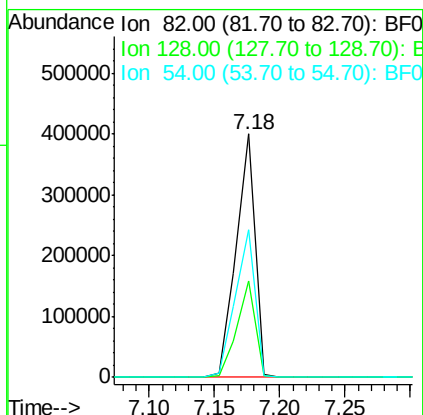
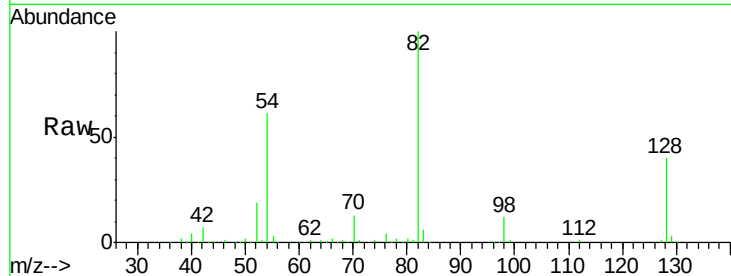




#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

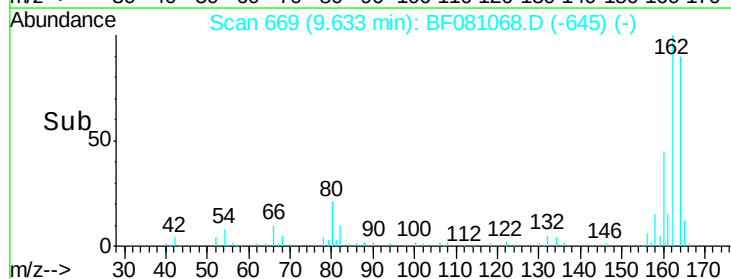
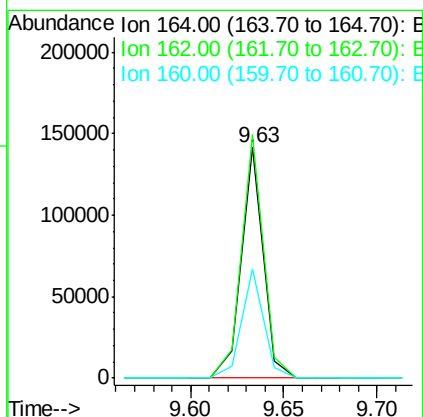
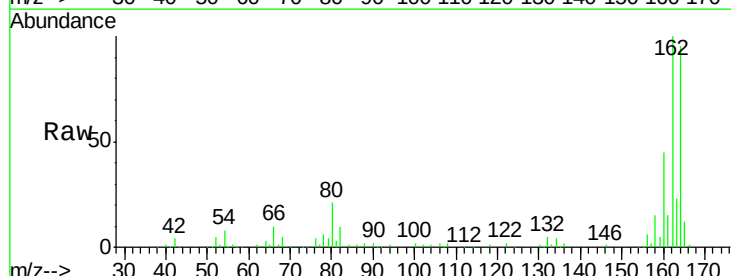
Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1

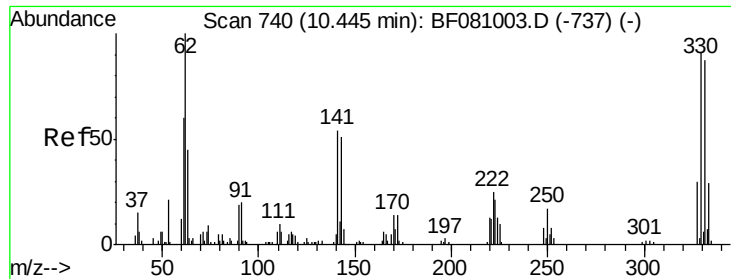
Tot Ion	82	Resp	402095
Ion Ratio	100	Lower	Upper
128	39.8	28.6	42.8
54	60.5	55.1	82.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Tgt Ion	164	Resp	115922
Ion Ratio	100	Lower	Upper
162	105.6	83.8	125.8
160	47.3	39.8	59.8

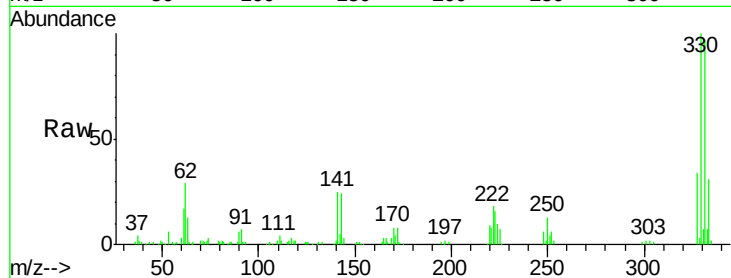




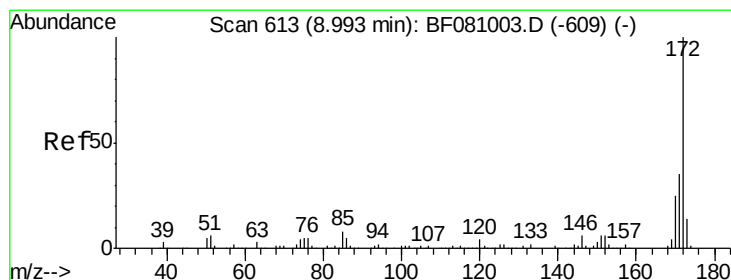
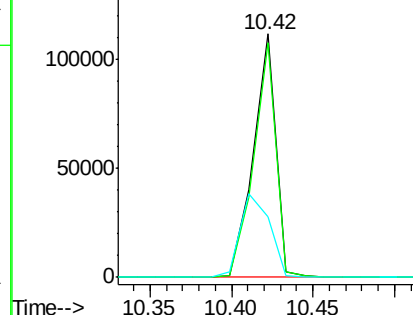
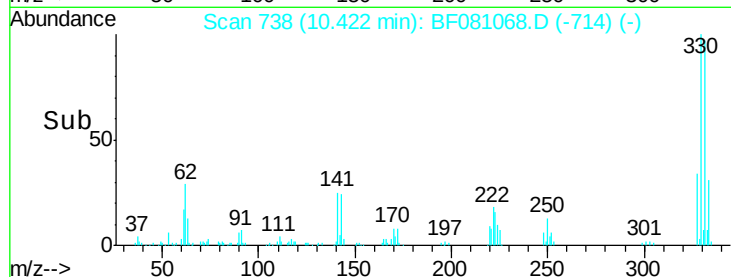
#41
 2,4,6-Tribromophenol
 Concen: 106.01 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081068.D
 Acq: 19 Aug 2015 5:53

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	44.5	44.9	67.3#

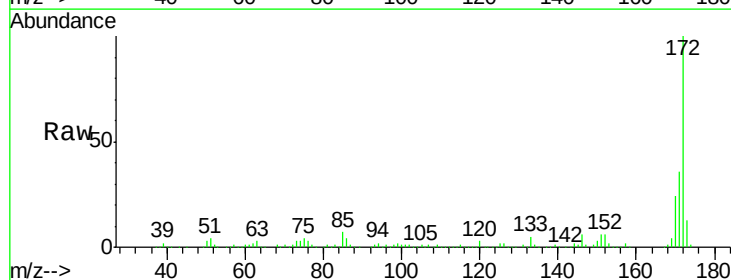


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

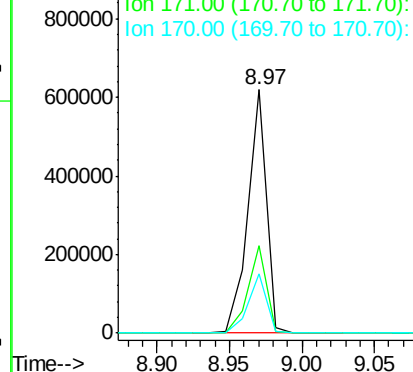
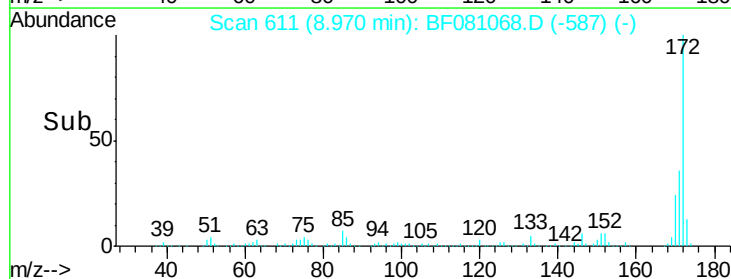


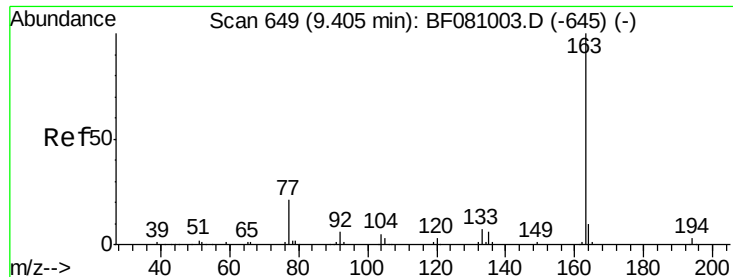
#44
 2-Fluorobiphenyl
 Concen: 61.84 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081068.D
 Acq: 19 Aug 2015 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.3	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

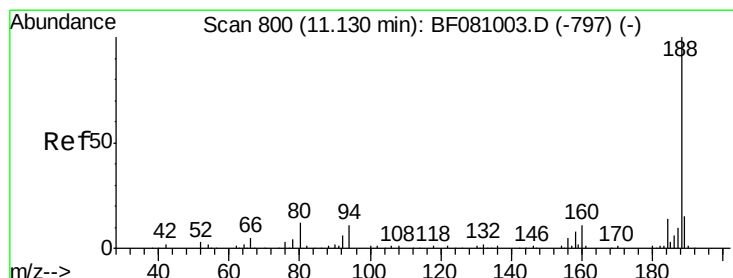
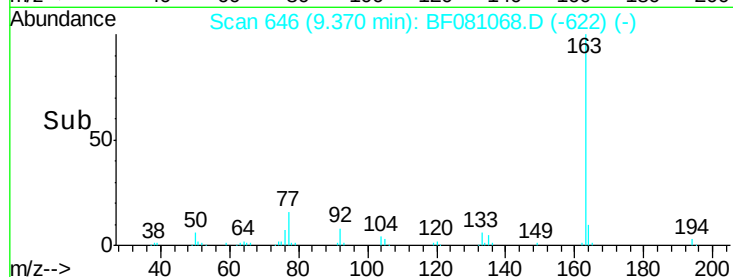
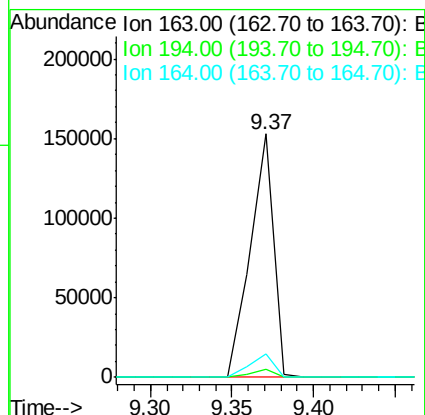
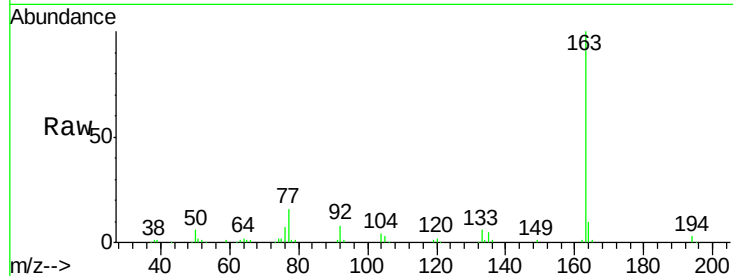




#49
Dimethylphthalate
Concen: 15.83 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

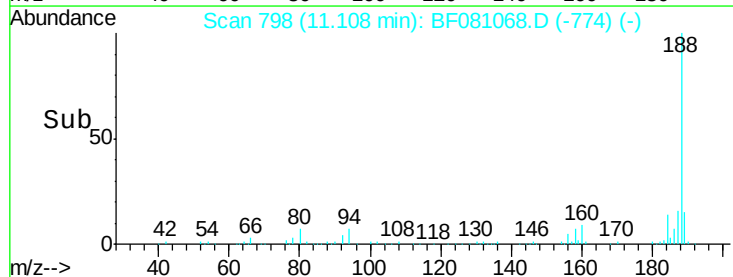
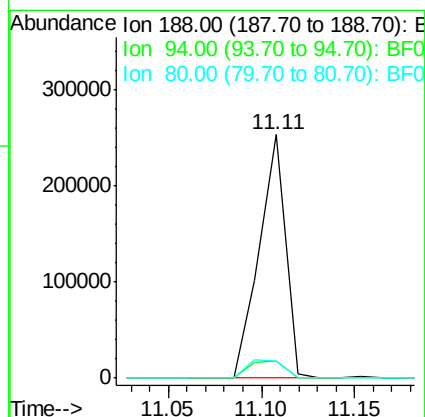
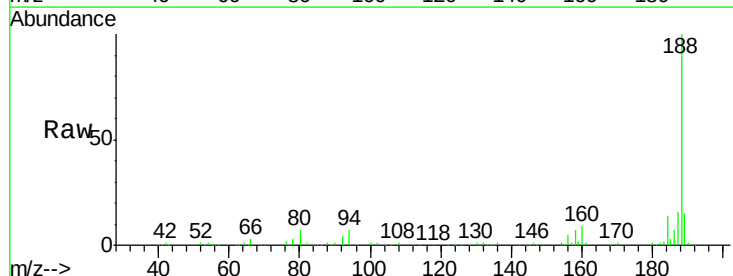
Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1

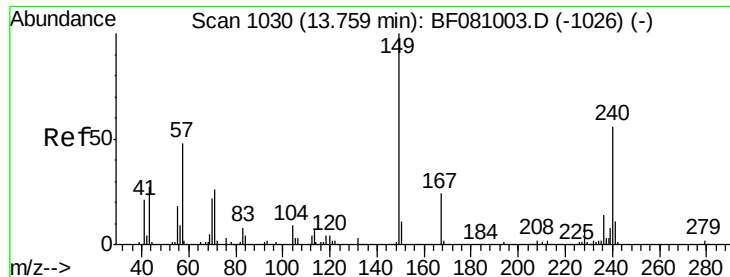
Tot Ion:163 Resp: 151091
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Tgt Ion:188 Resp: 248028
Ion Ratio Lower Upper
188 100
94 6.8 8.2 12.2#
80 6.8 9.5 14.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-1

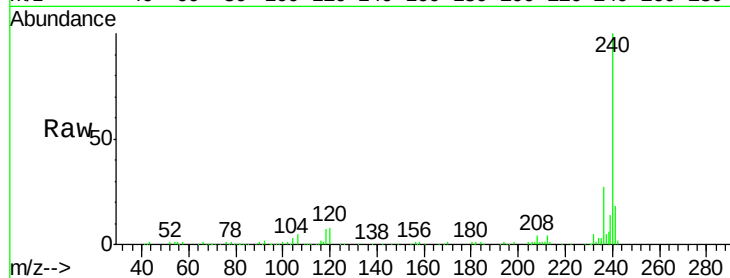
Tot Ion:240 Resp: 230768

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

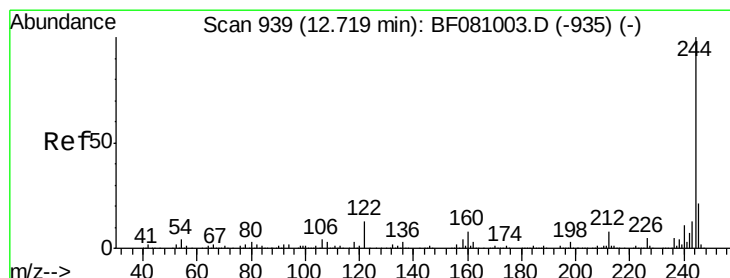
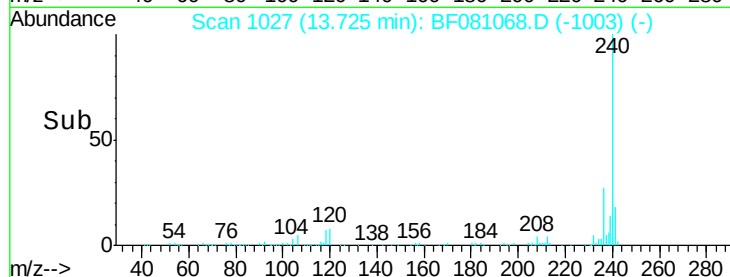
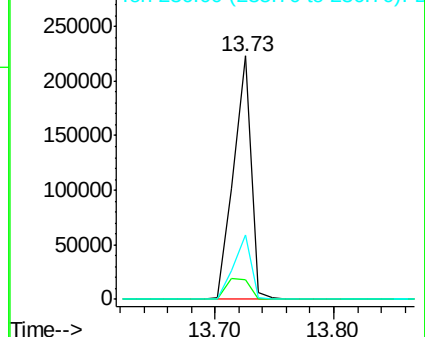
236 26.6 20.6 30.8



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: 50.05 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

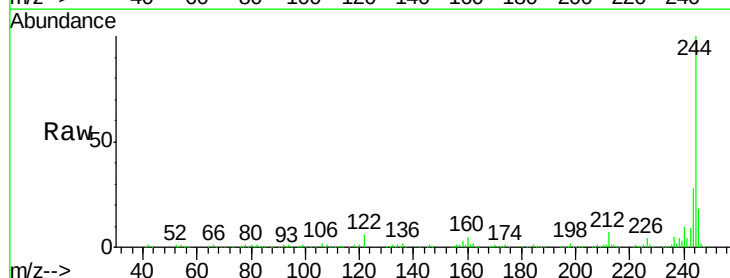
Tgt Ion:244 Resp: 538729

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

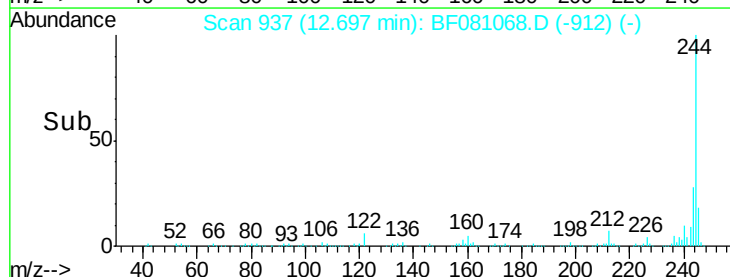
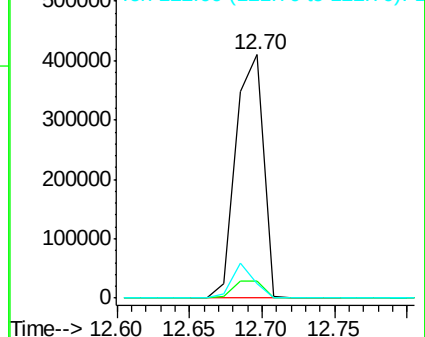
122 5.8 8.2 12.4#

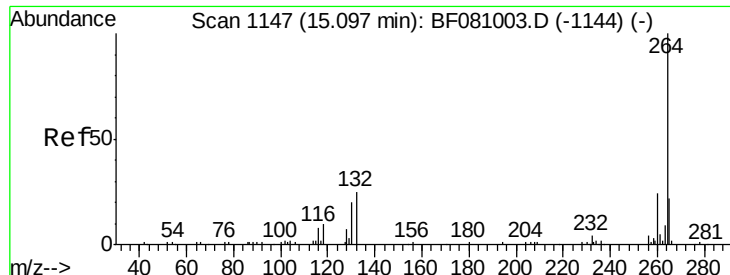


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

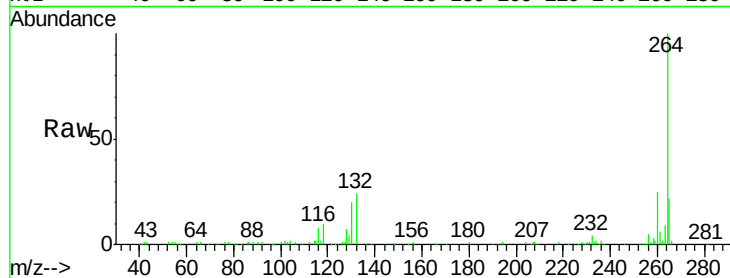




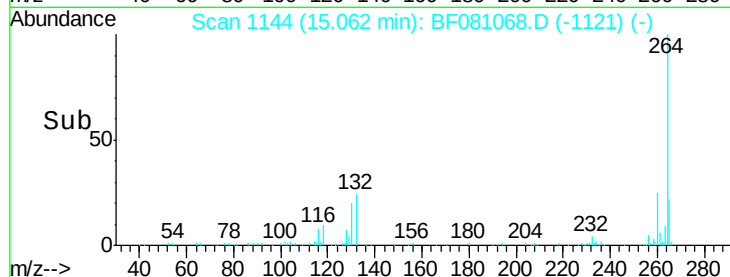
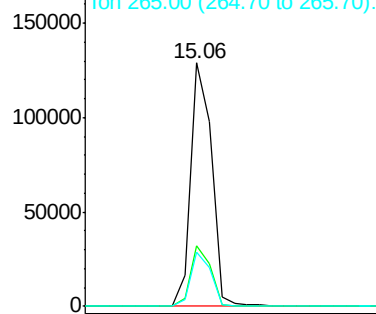
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.5	26.3



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



Time-->