

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088661.D
 Acq On : 3 Jul 2016 21:52
 Operator : UM/SJ
 Sample : H3817-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:01:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

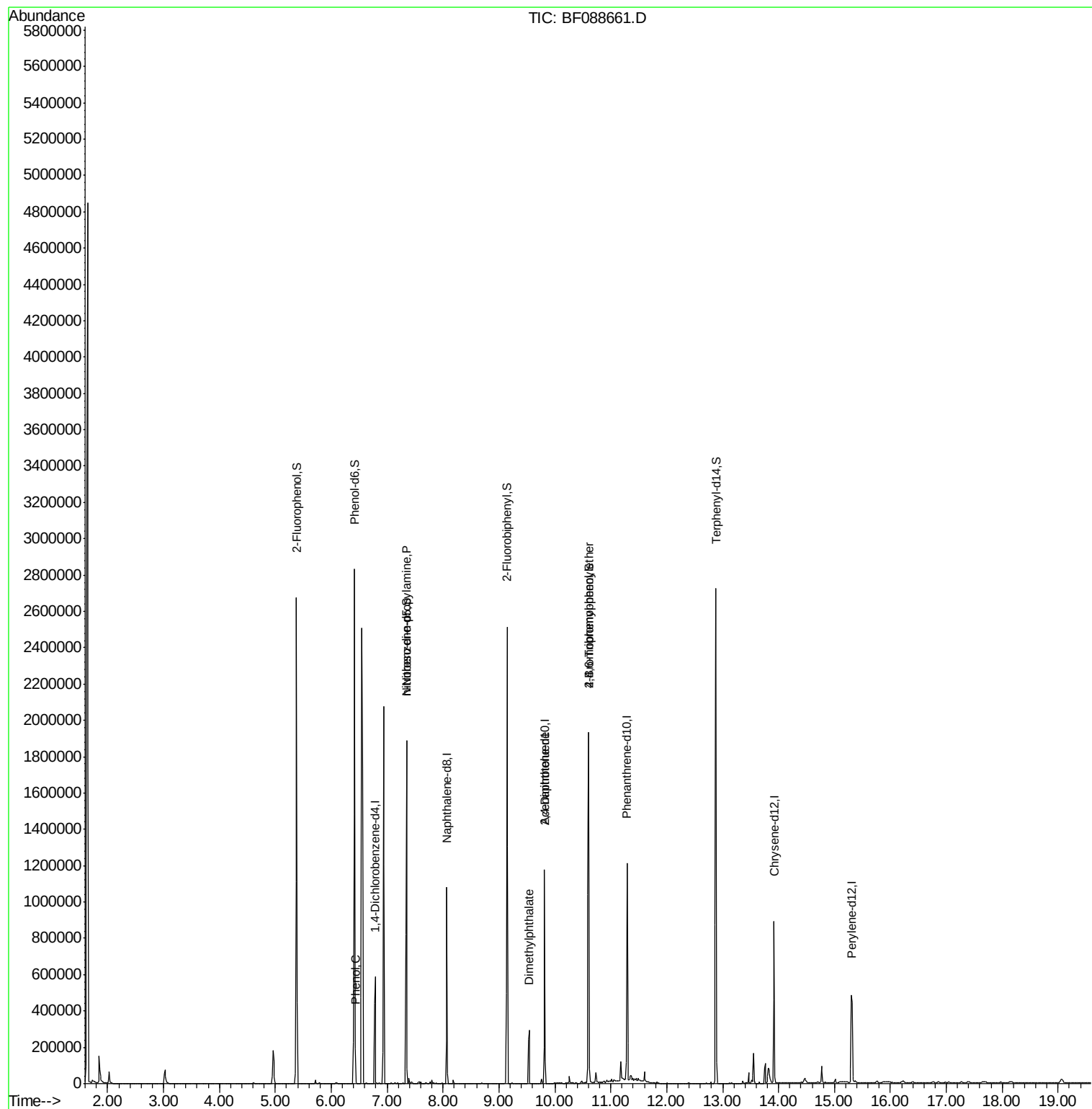
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118620	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	450328	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	212977	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	393693	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	336429	20.00	ng	-0.03
86) Perylene-d12	15.31	264	261757	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	851858	107.63	ng	-0.02
7) Phenol-d6	6.42	99	1150867	112.53	ng	-0.02
23) Nitrobenzene-d5	7.35	82	692088	80.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	248695	125.75	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1005713	74.59	ng	-0.03
78) Terphenyl-d14	12.88	244	800893	53.02	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	33859	2.90	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.35	70	95045	13.84	ng	# 72
49) Dimethylphthalate	9.54	163	173798	11.45	ng	98
56) 2,4-Dinitrotoluene	9.82	165	27430	6.24	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	18481	4.66	ng	# 1

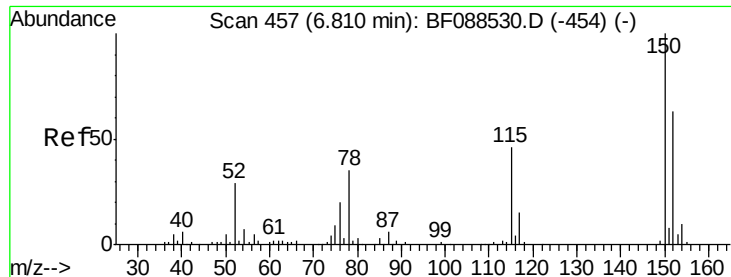
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088661.D
Acq On : 3 Jul 2016 21:52
Operator : UM/SJ
Sample : H3817-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 04 05:01:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration



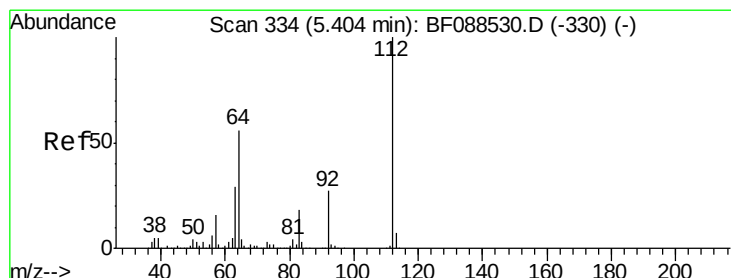
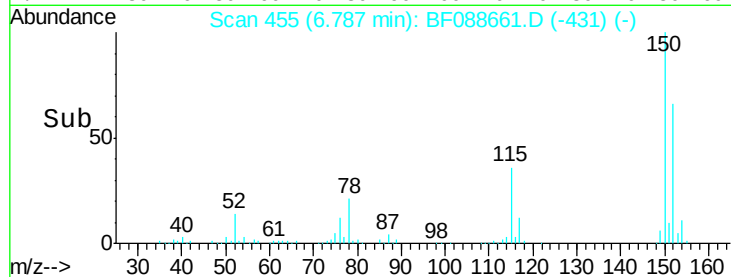
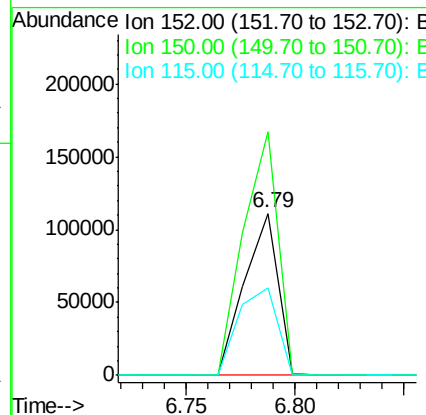
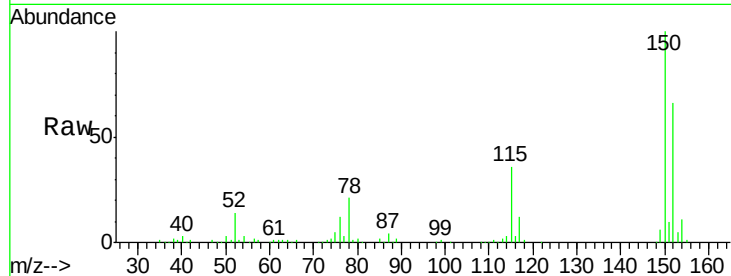


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

Instrument :
BNA_F
ClientSampleId :

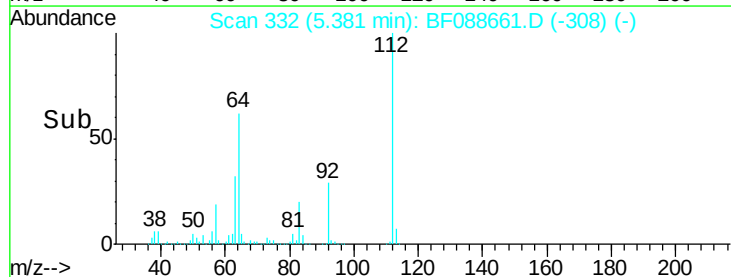
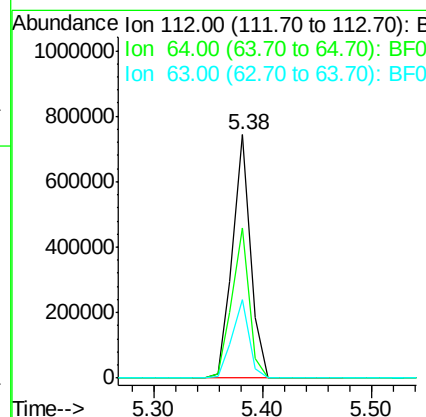
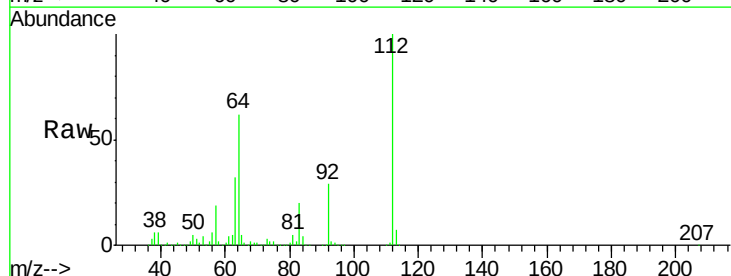
Tot Ion:152 Resp: 118620
Ion Ratio Lower Upper
152 100
150 150.6 123.8 185.6
115 54.4 39.6 59.4

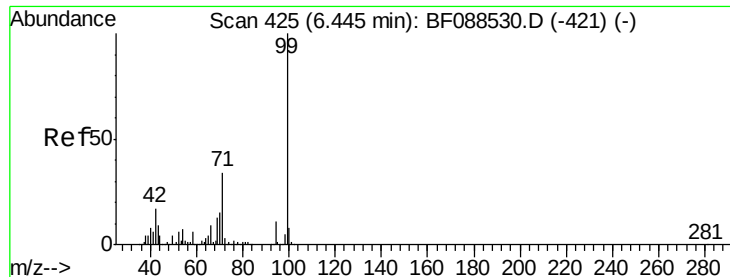


#5

2-Fluorophenol
Concen: 107.63 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

Tgt Ion:112 Resp: 851858
Ion Ratio Lower Upper
112 100
64 61.6 42.2 63.2
63 32.4 21.8 32.8





#7

Phenol-d6

Concen: 112.53 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088661.D

Acq: 3 Jul 2016 21:52

Instrument :

BNA_F

ClientSampled :

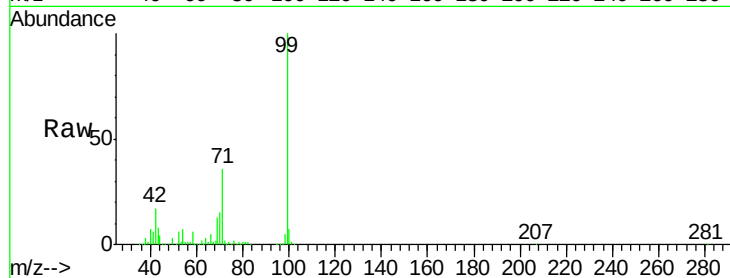
Tot Ion: 99 Resp: 1150867

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

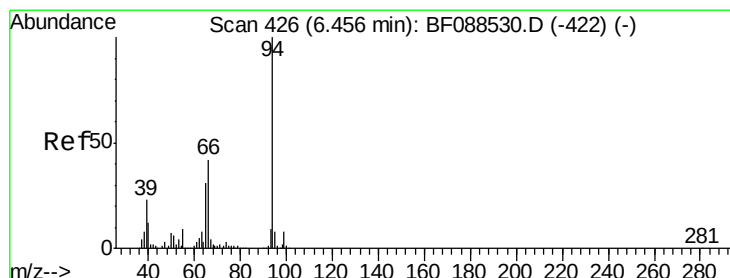
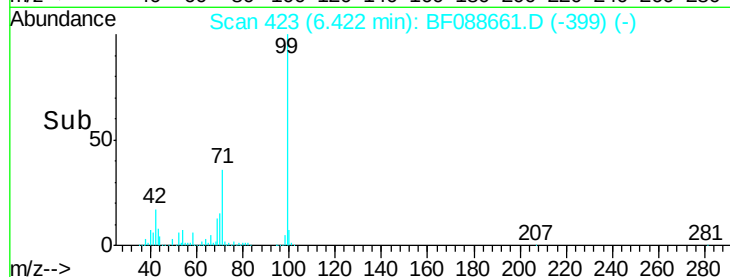
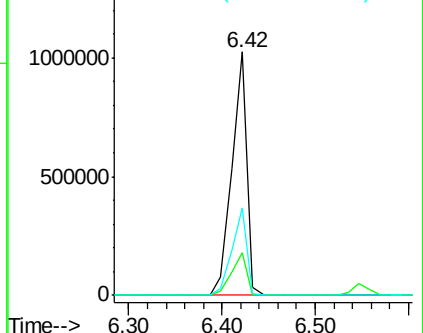
71 36.1 23.4 35.0#



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



#10

Phenol

Concen: 2.90 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088661.D

Acq: 3 Jul 2016 21:52

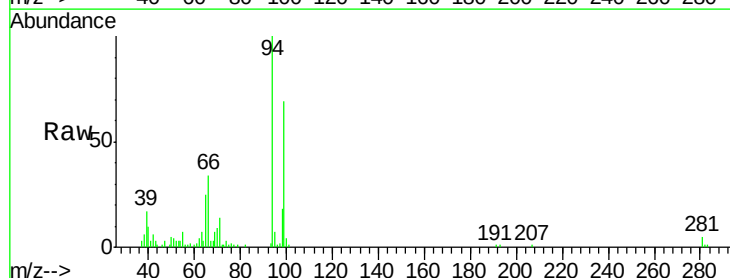
Tgt Ion: 94 Resp: 33859

Ion Ratio Lower Upper

94 100

65 24.6 5.9 45.9

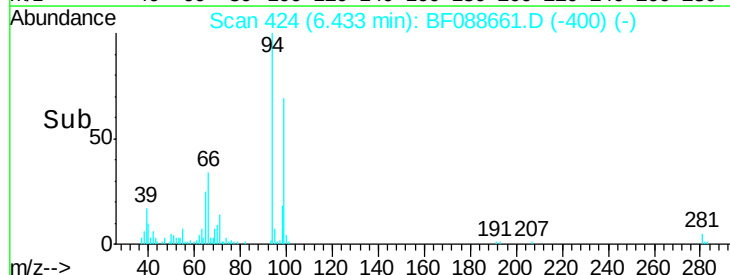
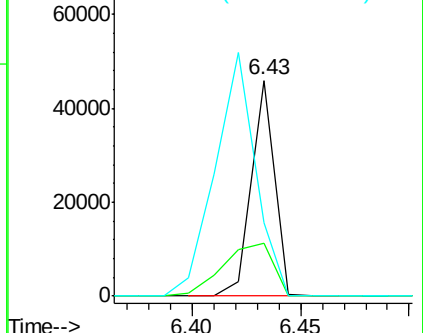
66 33.8 14.0 54.0

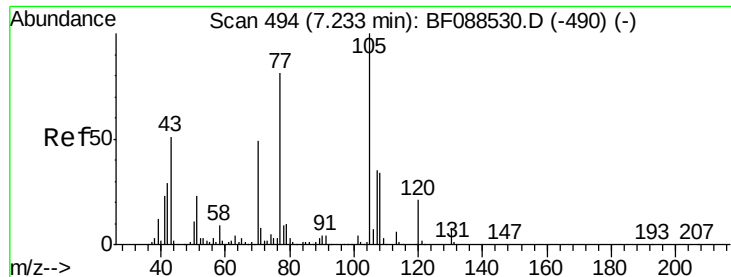


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

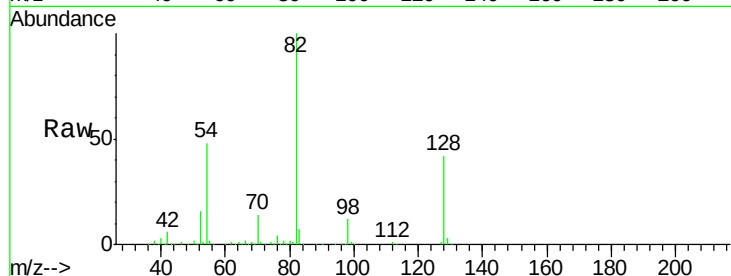




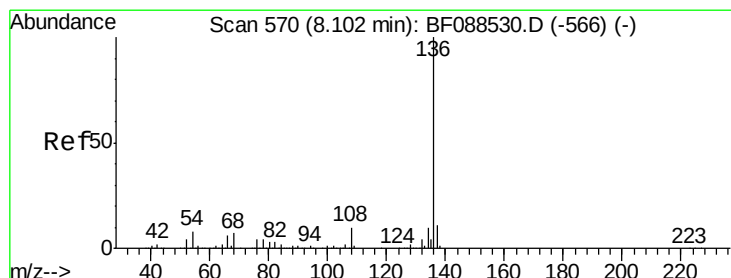
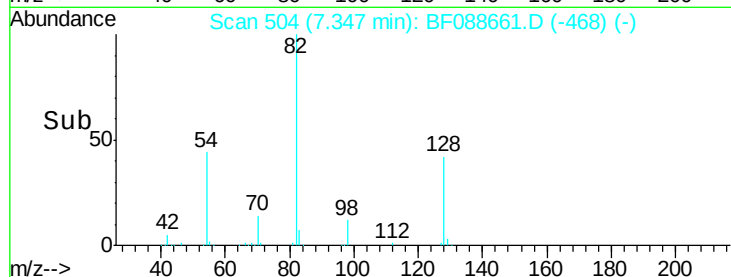
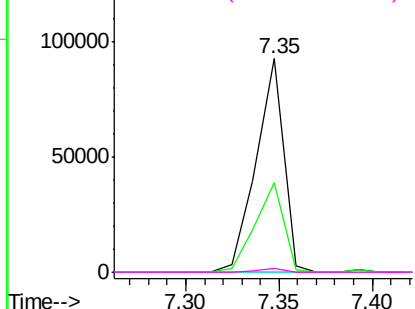
#19
n-Nitroso-di-n-propylamine
Concen: 13.84 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 95045
Ion Ratio Lower Upper
70 100
42 42.1 49.6 74.4#
101 0.0 7.1 10.7#
130 2.0 15.4 23.2#



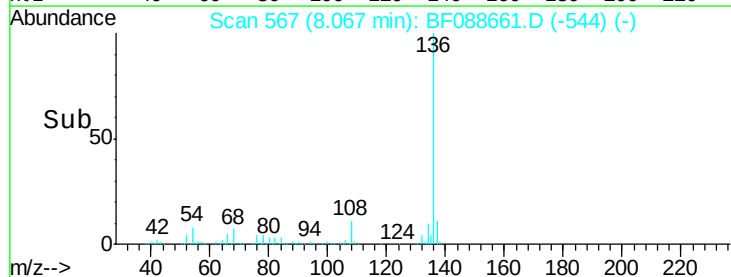
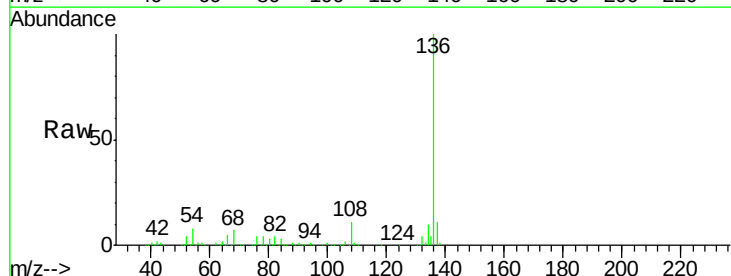
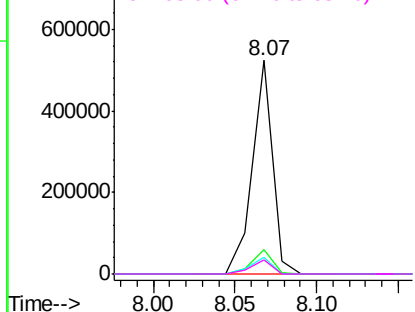
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

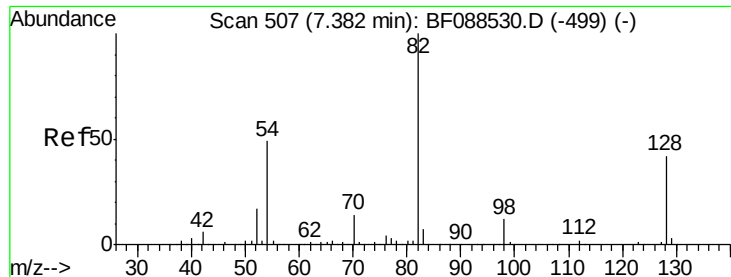


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

Tgt Ion: 136 Resp: 450328
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.8 6.6 10.0
68 6.5 5.1 7.7

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

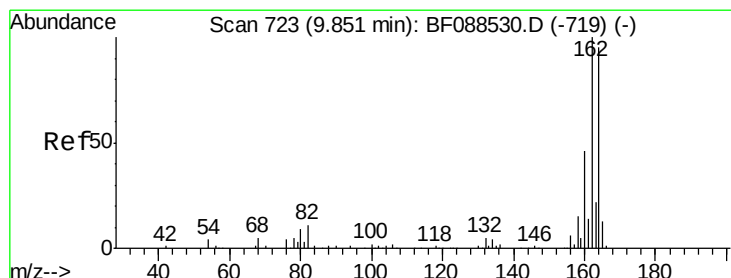
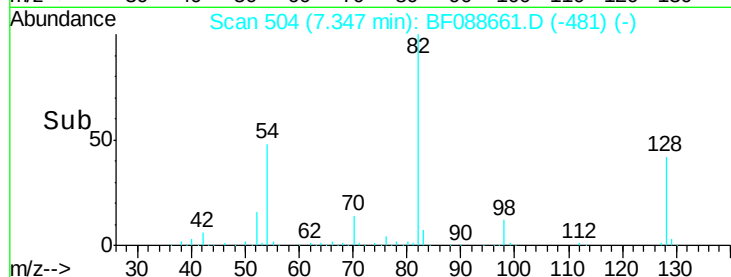
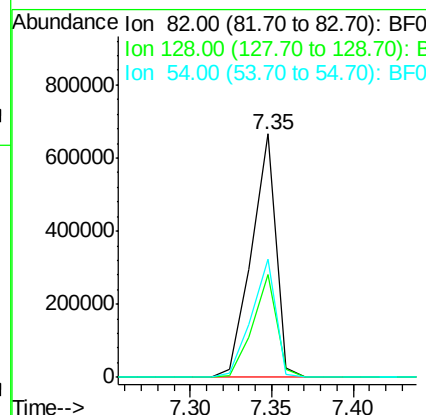
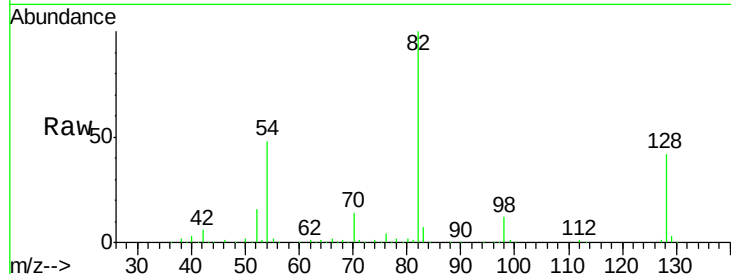




#23
Nitrobenzene-d5
Concen: 80.54 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

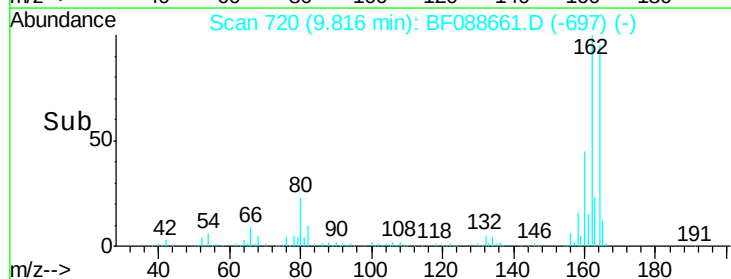
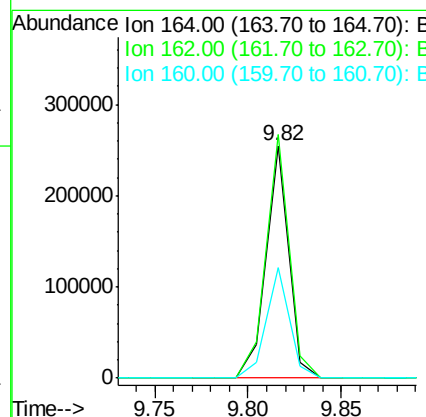
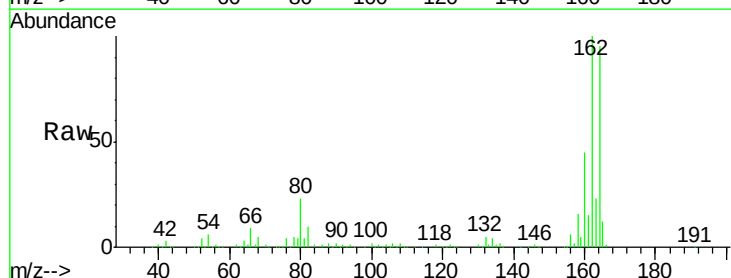
Instrument :
BNA_F
ClientSampled :

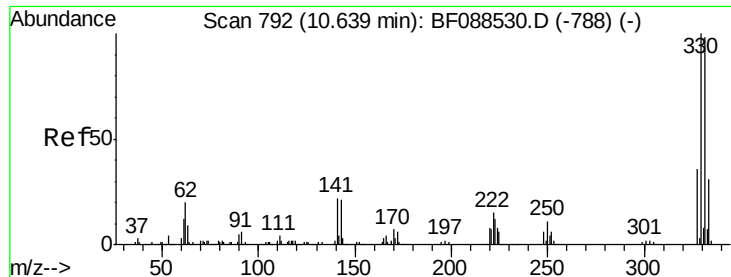
Tot Ion	82	Resp	692088
Ion Ratio	100	Lower	Upper
128	42.1	35.9	53.9
54	48.5	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

Tgt Ion	164	Resp	212977
Ion Ratio	100	Lower	Upper
162	104.9	85.4	128.2
160	47.4	39.5	59.3

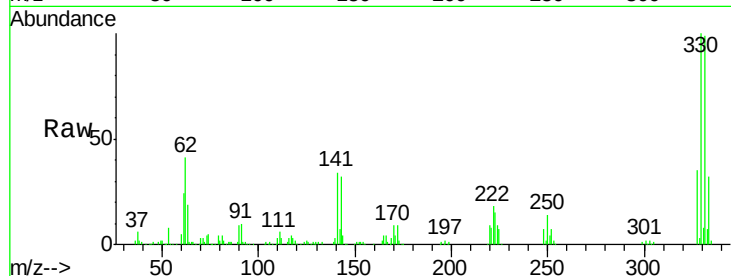




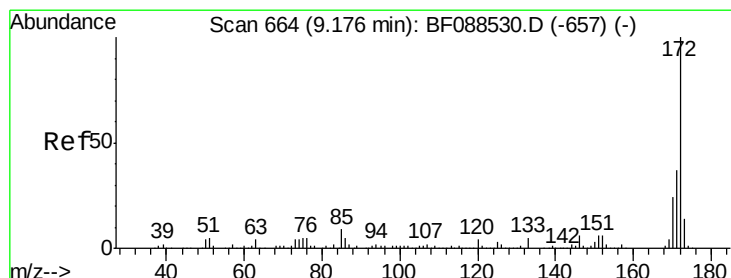
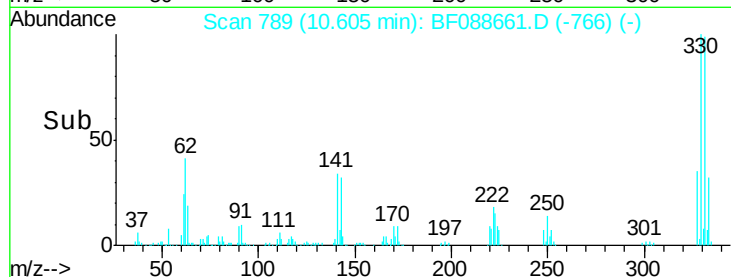
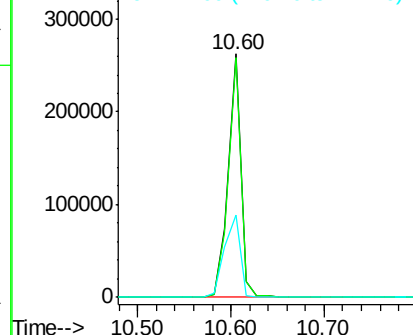
#41
 2,4,6-Tribromophenol
 Concen: 125.75 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088661.D
 Acq: 3 Jul 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	41.8	0.0	0.0#

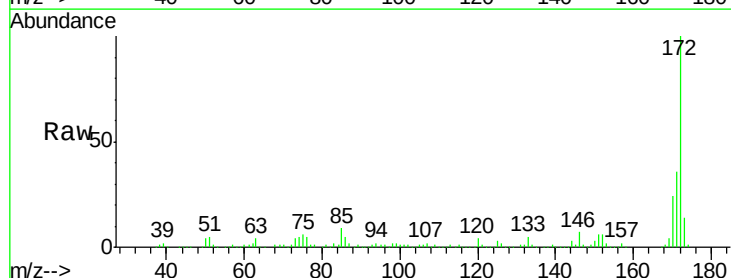


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

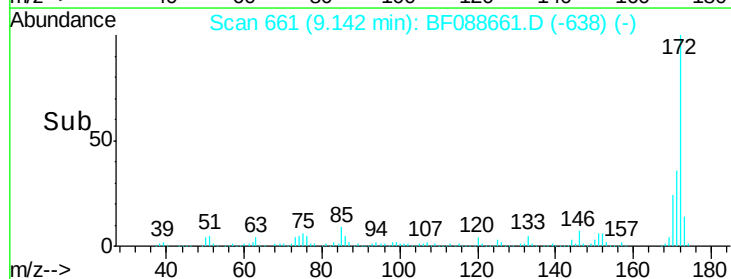
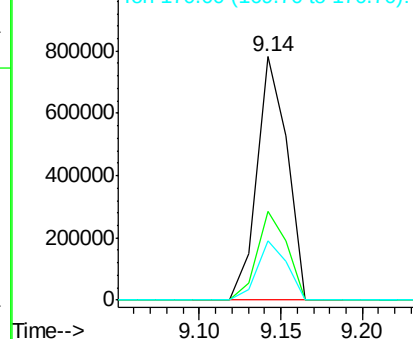


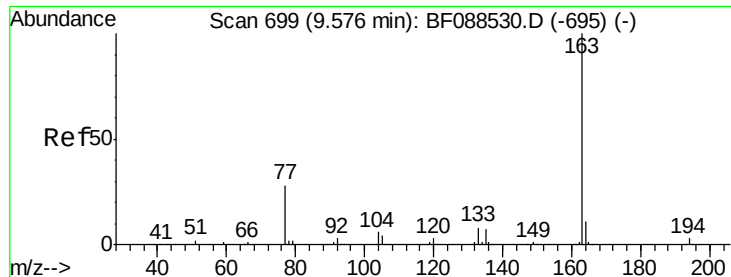
#44
 2-Fluorobiphenyl
 Concen: 74.59 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088661.D
 Acq: 3 Jul 2016 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.2	28.8



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

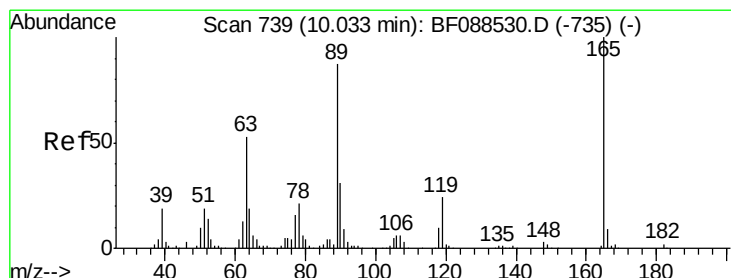
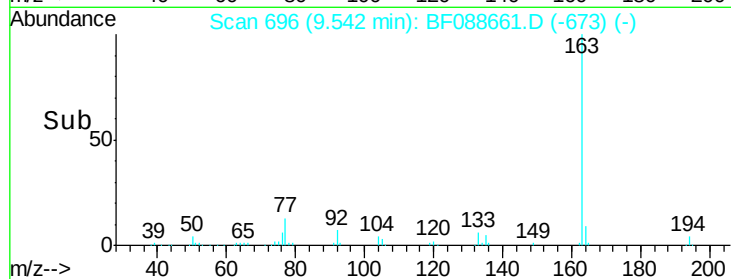
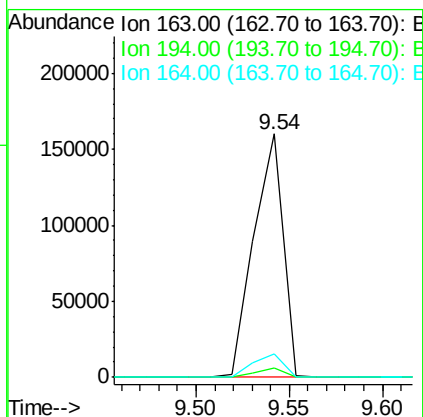
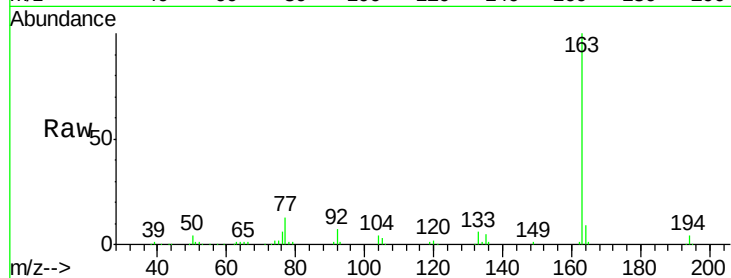




#49
Dimethylphthalate
Concen: 11.45 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

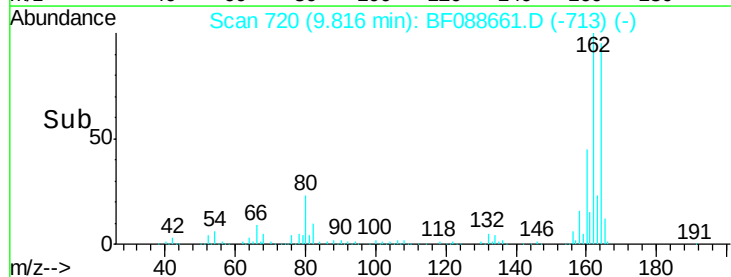
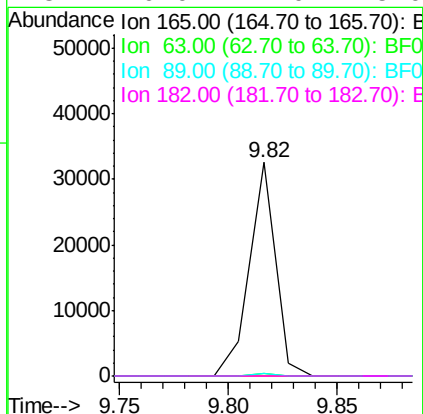
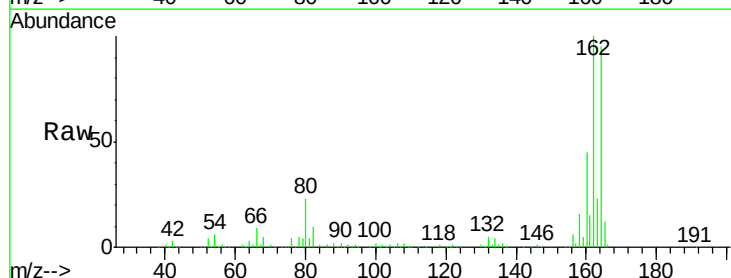
Instrument :
BNA_F
ClientSampleId :

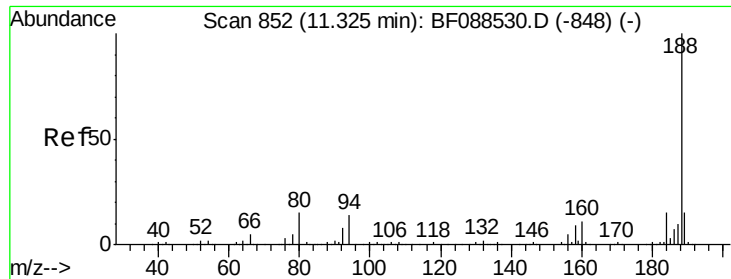
Tot Ion:163 Resp: 173798
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088661.D
Acq: 3 Jul 2016 21:52

Tgt Ion:165 Resp: 27430
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.5 41.1 61.7#
182 0.0 2.0 3.0#

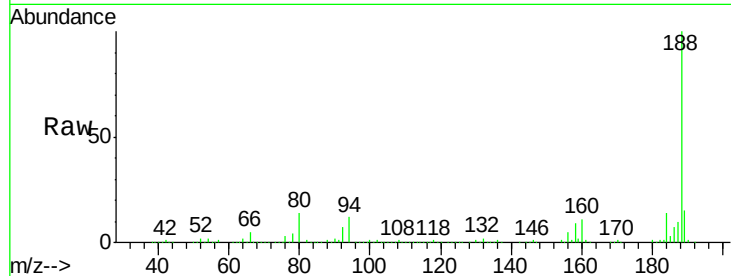




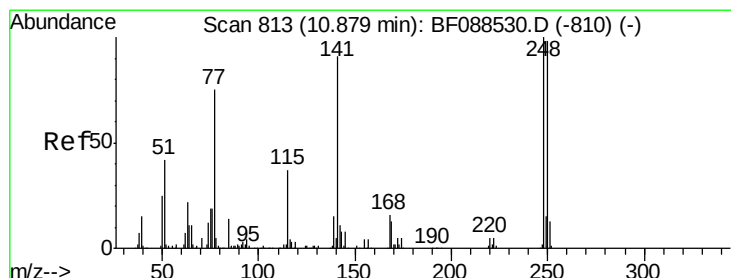
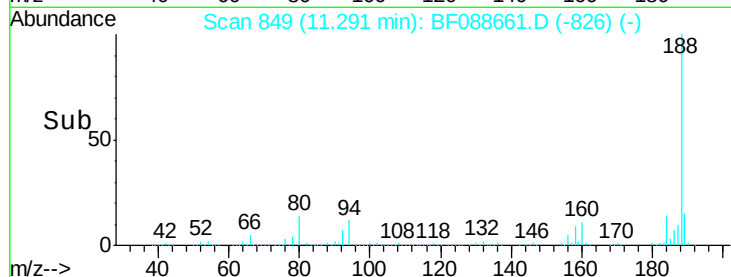
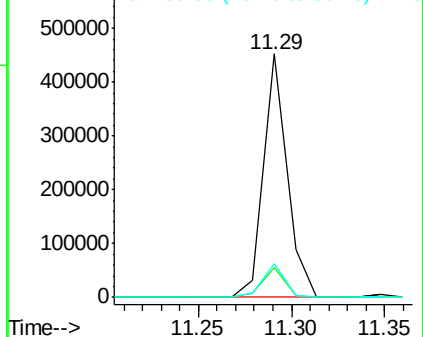
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088661.D
 Acq: 3 Jul 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 393693
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.0 13.6
 80 13.9 10.0 15.0

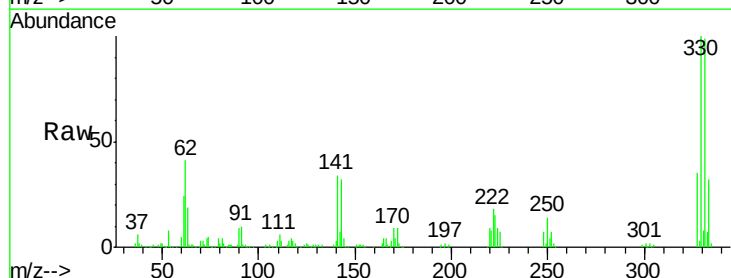


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

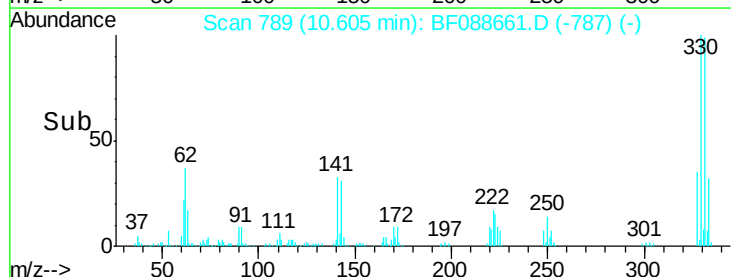
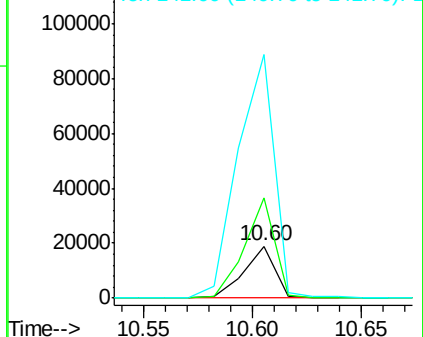


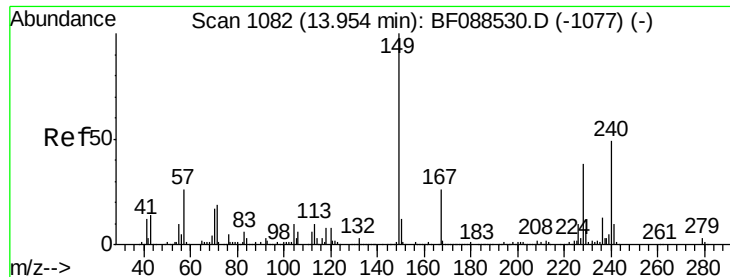
#66
 4-Bromophenyl-phenylether
 Concen: 4.66 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.27 min
 Lab File: BF088661.D
 Acq: 3 Jul 2016 21:52

Tgt Ion:248 Resp: 18481
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.1 115.7#
 141 469.4 50.6 76.0#



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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088661.D

Acq: 3 Jul 2016 21:52

Instrument :

BNA_F

ClientSampleId :

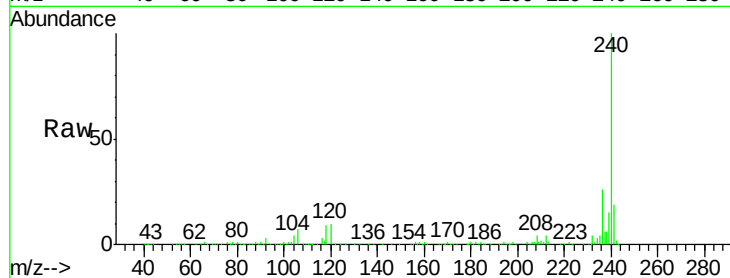
Tot Ion:240 Resp: 336429

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

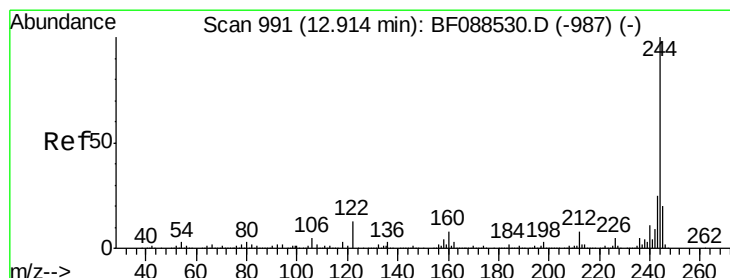
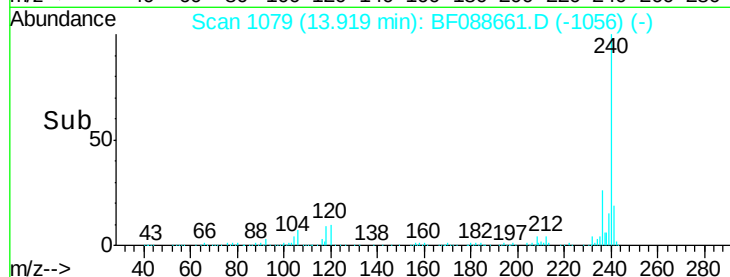
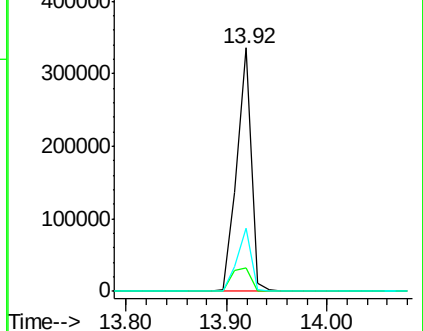
236 26.0 20.2 30.2



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: 53.02 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088661.D

Acq: 3 Jul 2016 21:52

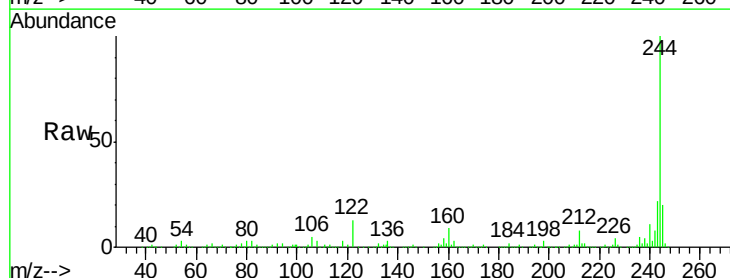
Tgt Ion:244 Resp: 800893

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

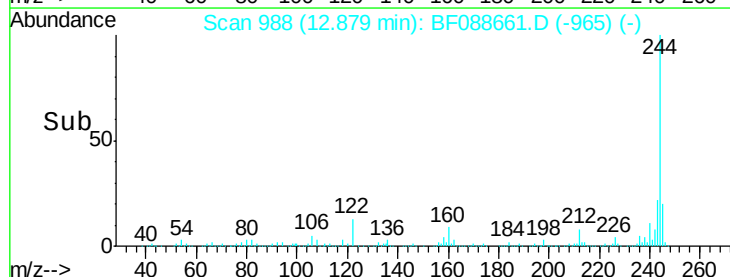
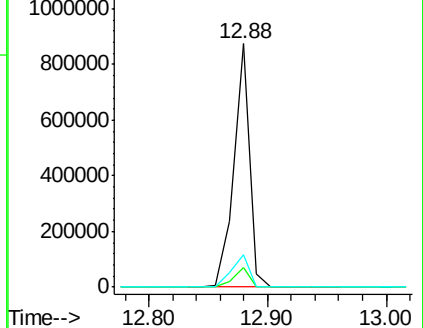
122 13.1 11.2 16.8

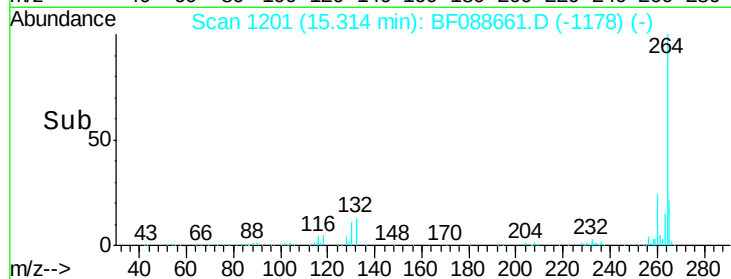
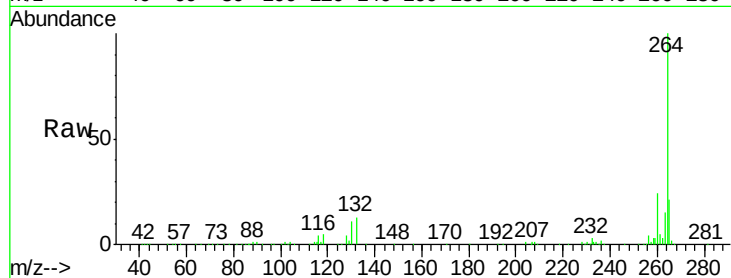
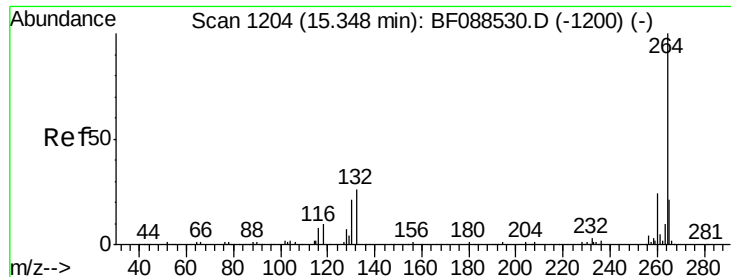


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088661.D
 Acq: 3 Jul 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	261757
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	21.3	16.9 25.3

