

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088658.D
 Acq On : 3 Jul 2016 20:24
 Operator : UM/SJ
 Sample : H3817-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:00:41 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

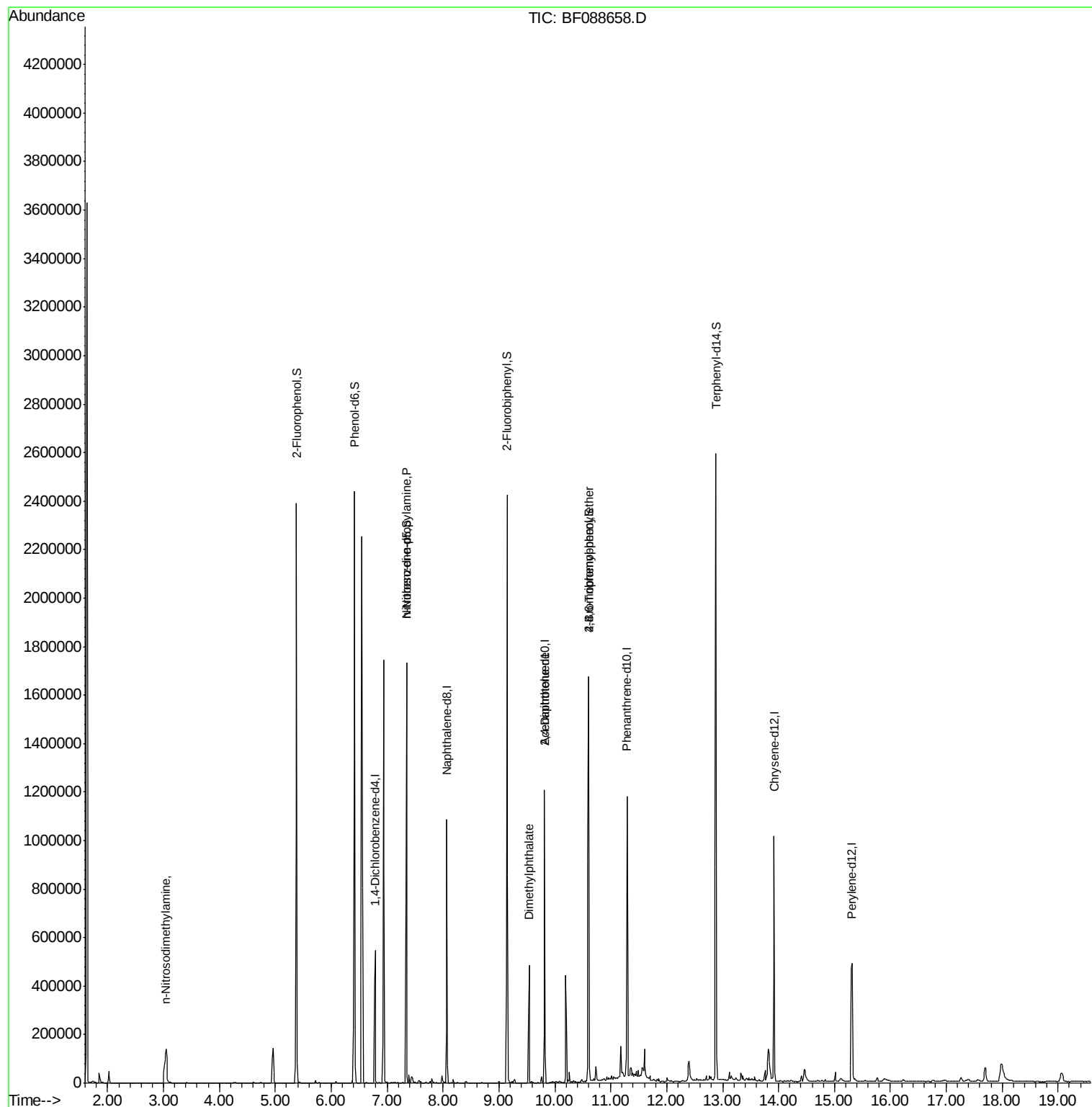
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106773	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	447682	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	214982	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	389800	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	344918	20.00	ng	-0.03
86) Perylene-d12	15.31	264	267395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	691788	97.10	ng	-0.02
7) Phenol-d6	6.42	99	1001706	108.82	ng	-0.02
23) Nitrobenzene-d5	7.35	82	624368	73.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	219554	109.98	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	853299	62.70	ng	-0.03
78) Terphenyl-d14	12.88	244	763408	49.30	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.05	42	8766	2.24	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	84893	13.73	ng	# 72
49) Dimethylphthalate	9.54	163	250707	16.37	ng	99
56) 2,4-Dinitrotoluene	9.82	165	27514	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	14698	3.74	ng	# 1

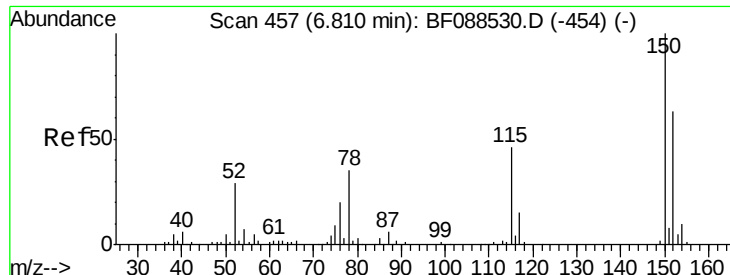
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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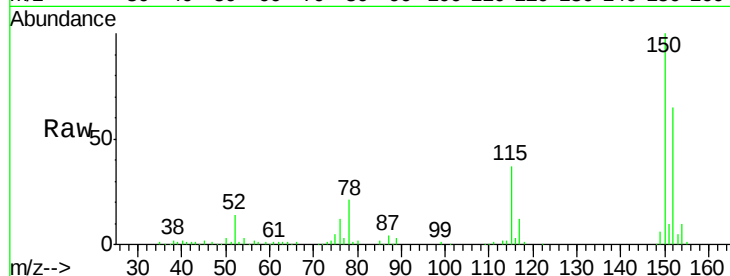


#1

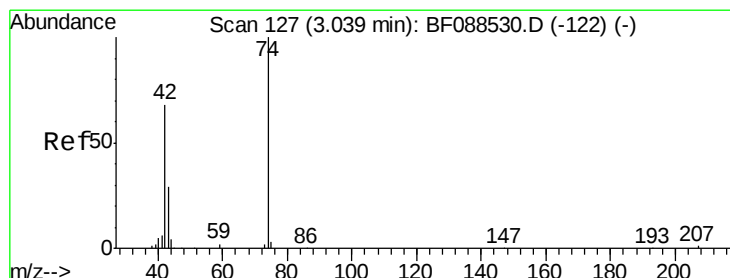
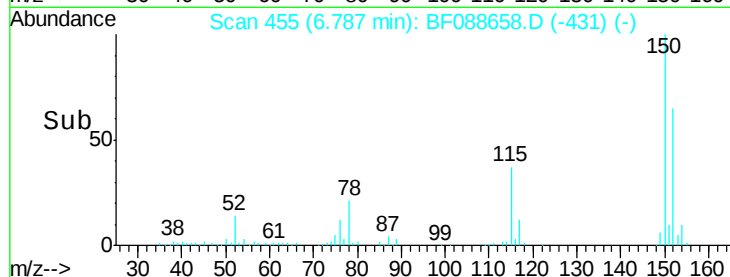
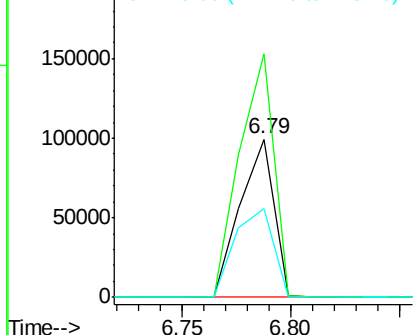
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106773
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 56.5 39.6 59.4



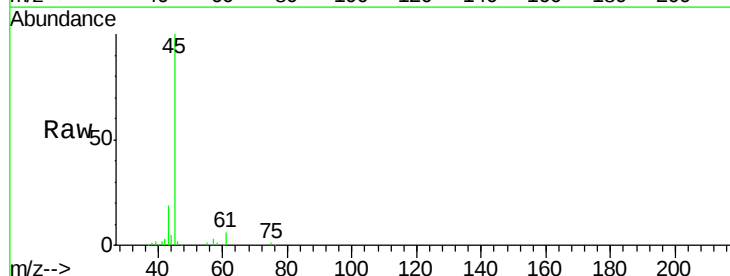
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



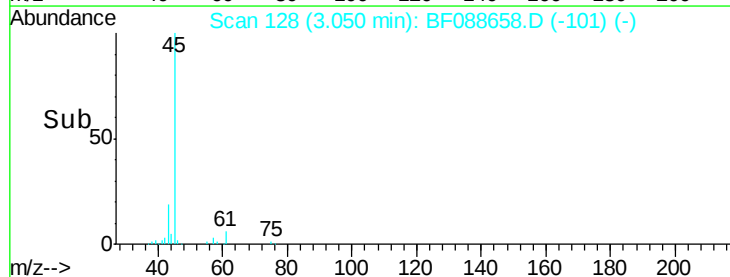
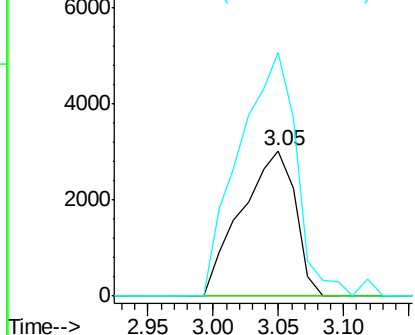
#4

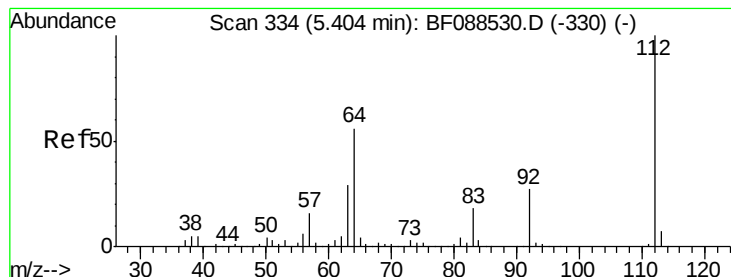
n-Nitrosodimethylamine
Concen: 2.24 ng
RT: 3.05 min Scan# 128
Delta R.T. 0.01 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Tgt Ion: 42 Resp: 8766
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 167.1 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.10 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088658.D

Acq: 3 Jul 2016 20:24

Instrument :

BNA_F

ClientSampled :

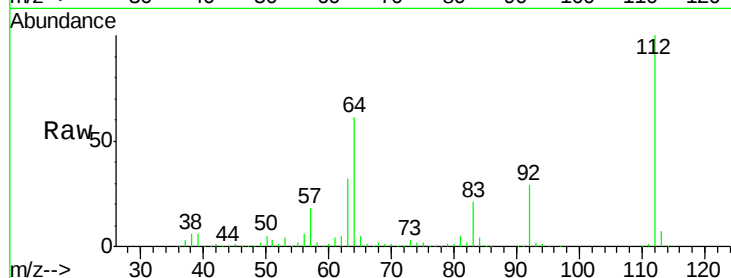
Tot Ion:112 Resp: 691788

Ion Ratio Lower Upper

112 100

64 60.6 42.2 63.2

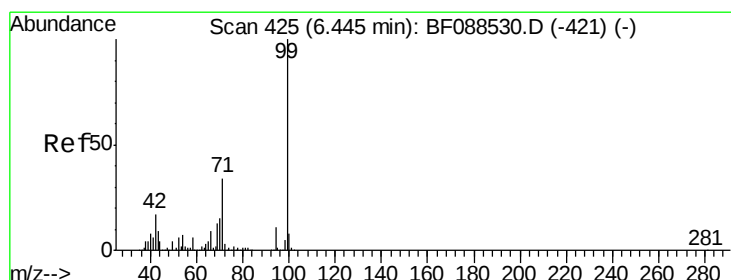
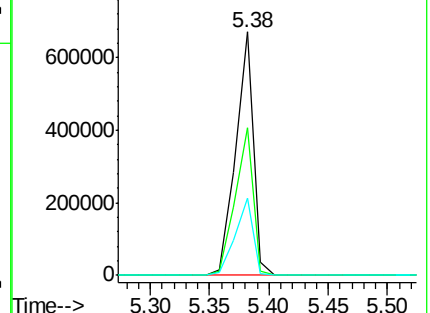
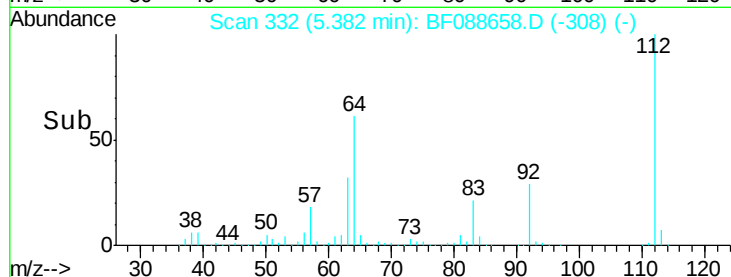
63 32.0 21.8 32.8



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: 108.82 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088658.D

Acq: 3 Jul 2016 20:24

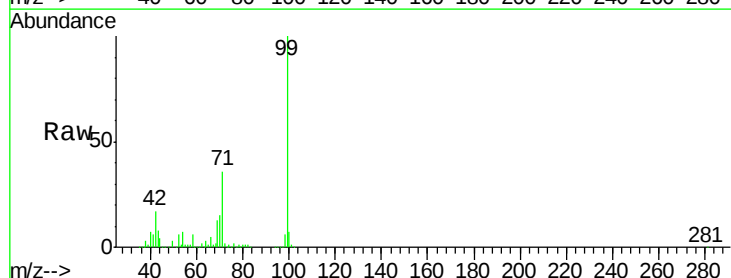
Tgt Ion: 99 Resp: 1001706

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.2

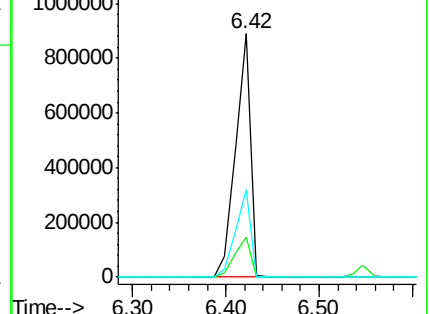
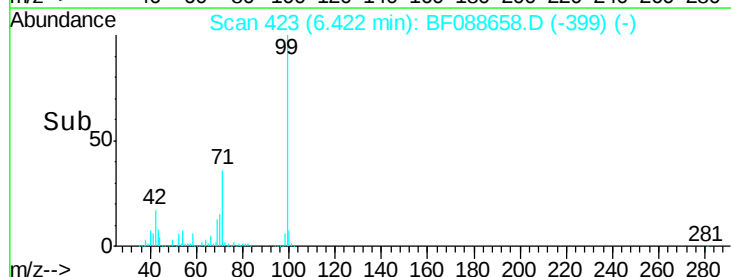
71 36.0 23.4 35.0#

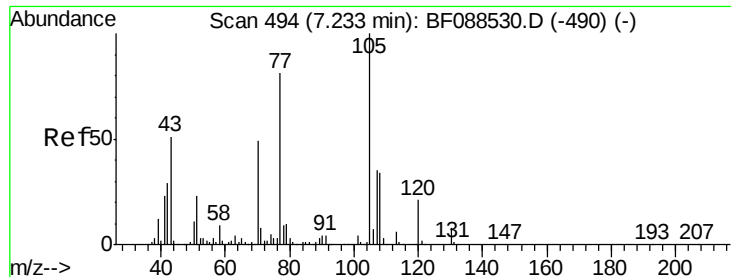


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

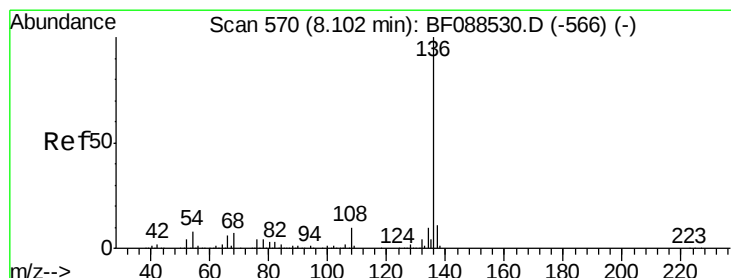
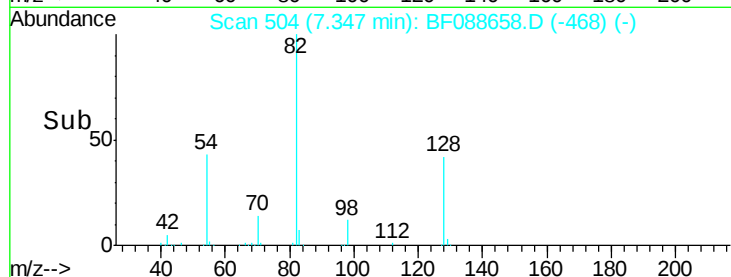
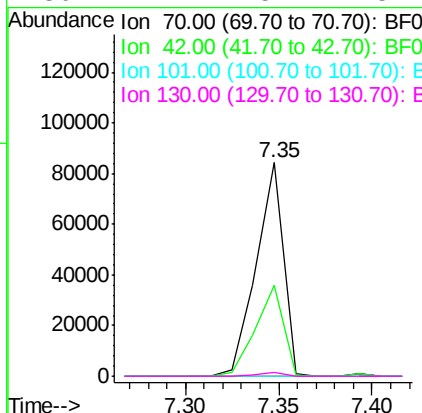
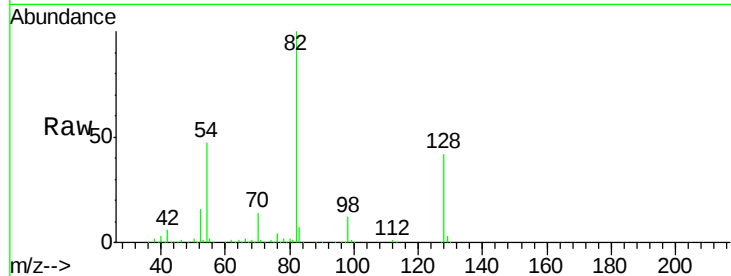




#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

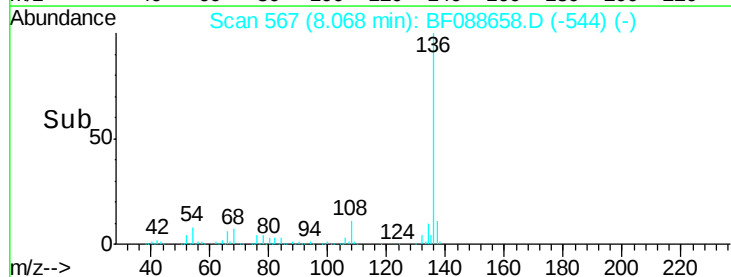
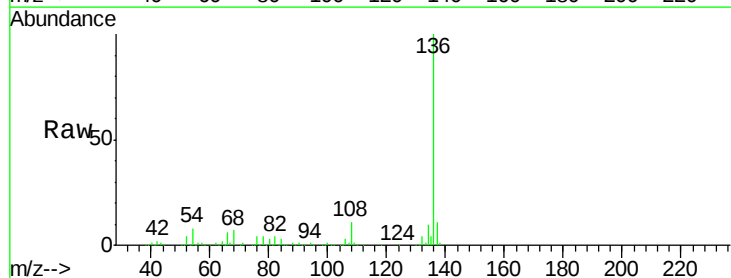
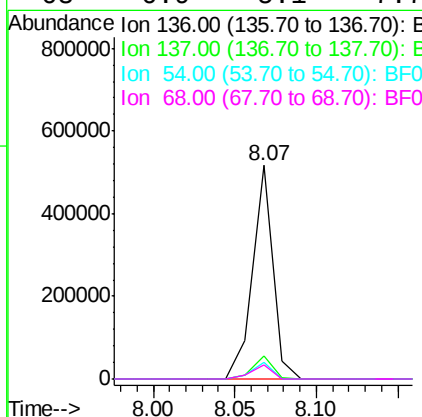
Instrument :
BNA_F
ClientSampleId :

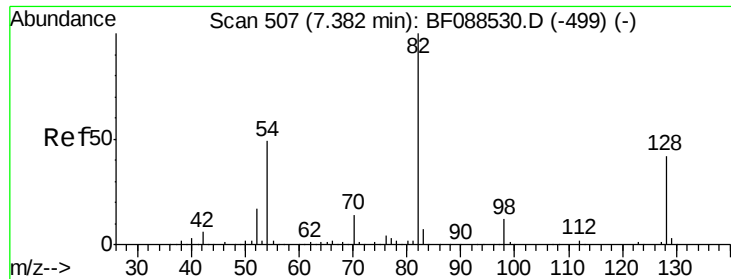
Tot Ion: 70 Resp: 84893
Ion Ratio Lower Upper
70 100
42 42.6 49.6 74.4#
101 0.0 7.1 10.7#
130 2.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Tgt Ion:136 Resp: 447682
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.9 6.6 10.0
68 6.9 5.1 7.7

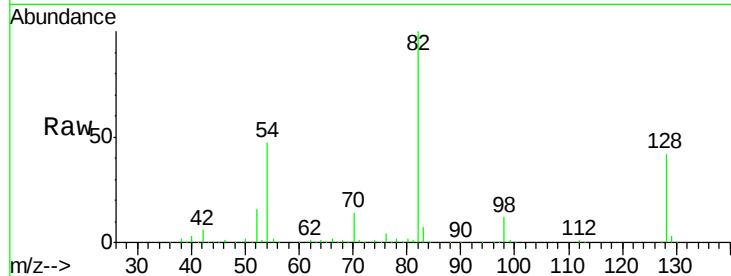




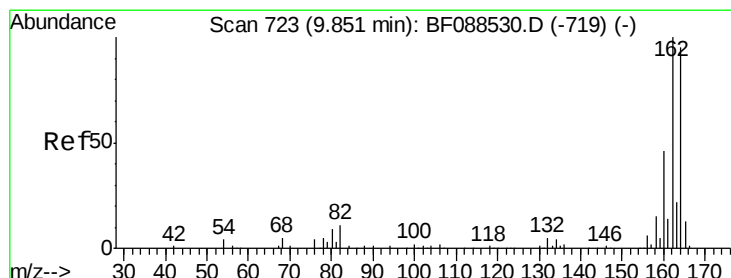
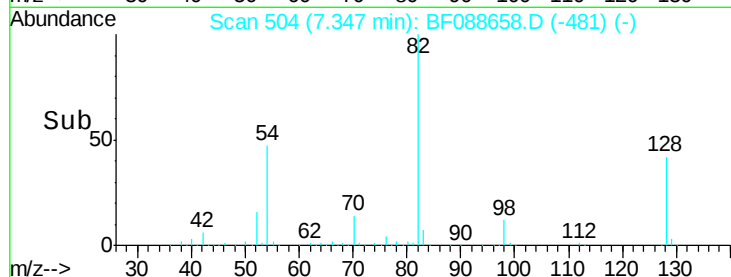
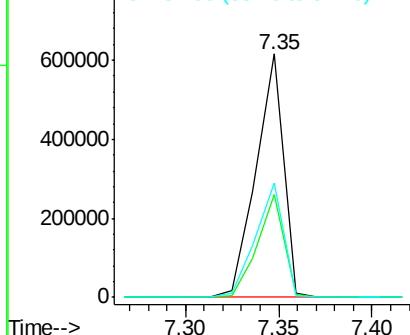
#23
 Nitrobenzene-d5
 Concen: 73.09 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088658.D
 Acq: 3 Jul 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 624368
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.9 53.9
 54 46.9 40.9 61.3

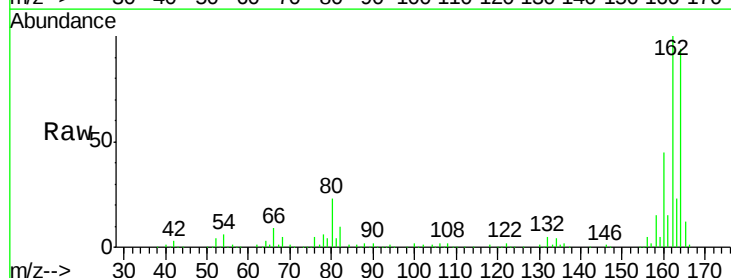


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

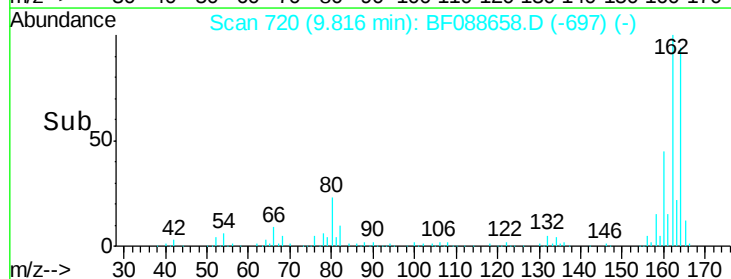
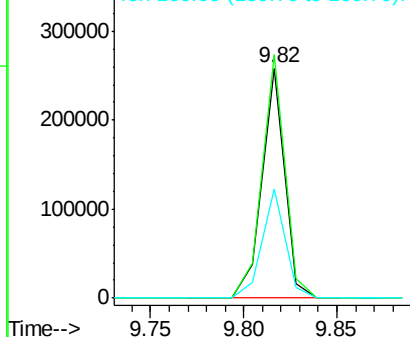


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088658.D
 Acq: 3 Jul 2016 20:24

Tgt Ion: 164 Resp: 214982
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 47.3 39.5 59.3



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

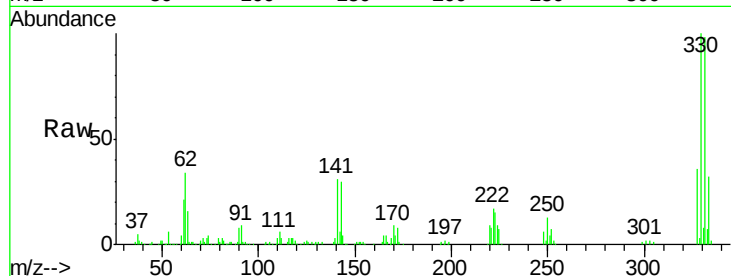




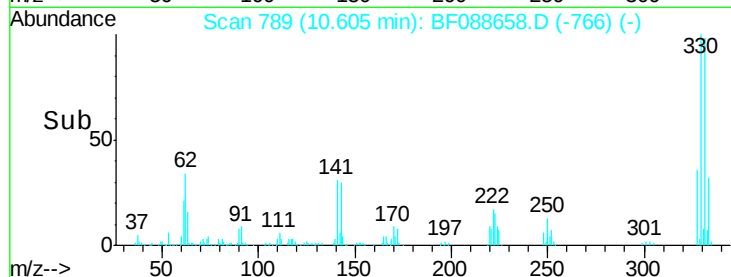
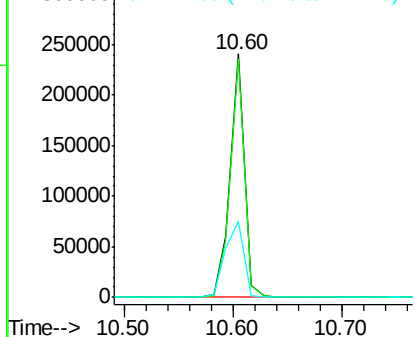
#41
 2,4,6-Tribromophenol
 Concen: 109.98 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088658.D
 Acq: 3 Jul 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	40.6	0.0	0.0#

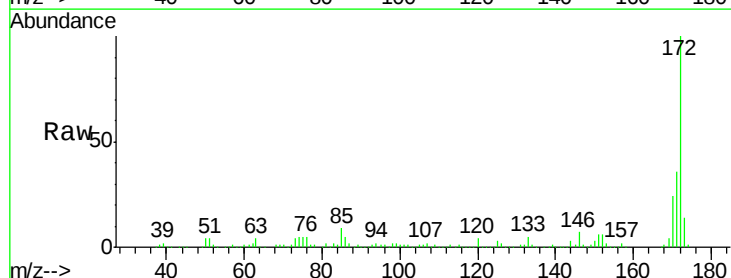


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

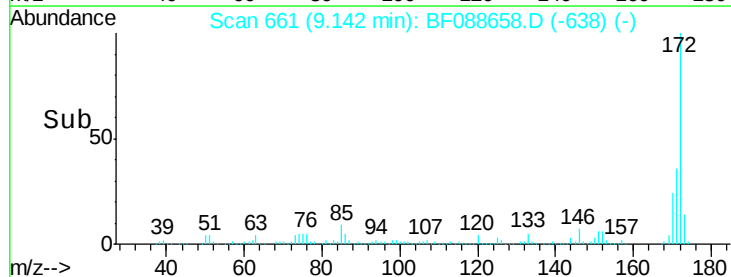
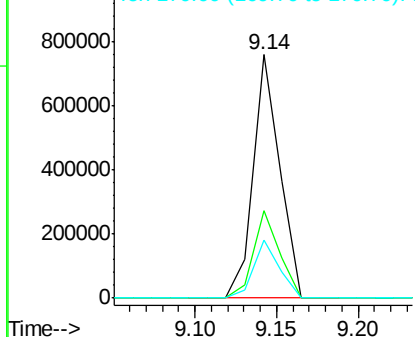


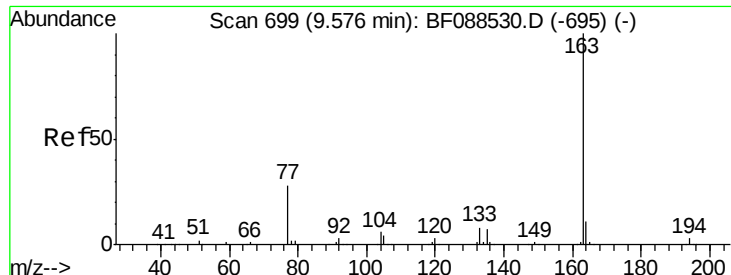
#44
 2-Fluorobiphenyl
 Concen: 62.70 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088658.D
 Acq: 3 Jul 2016 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	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

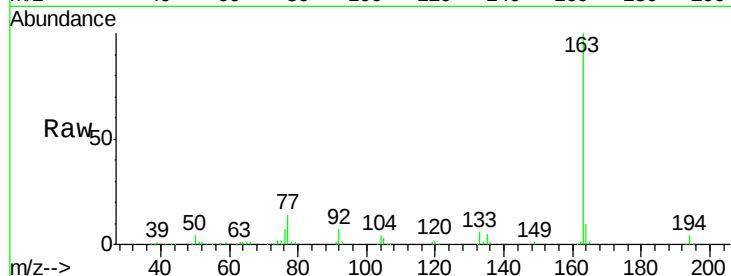




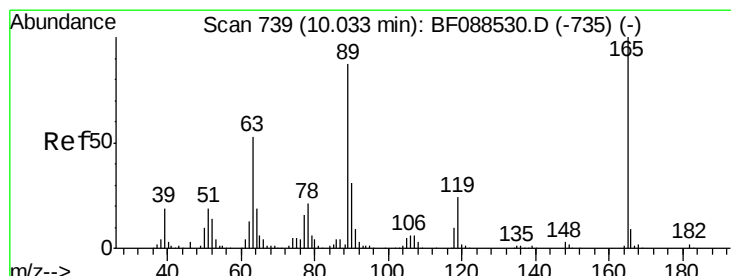
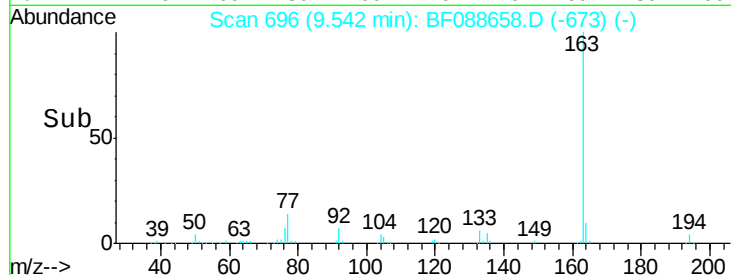
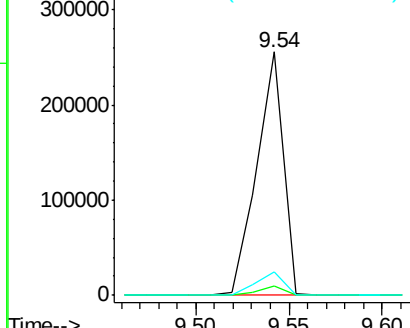
#49
Dimethylphthalate
Concen: 16.37 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 250707
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 8.3 12.5

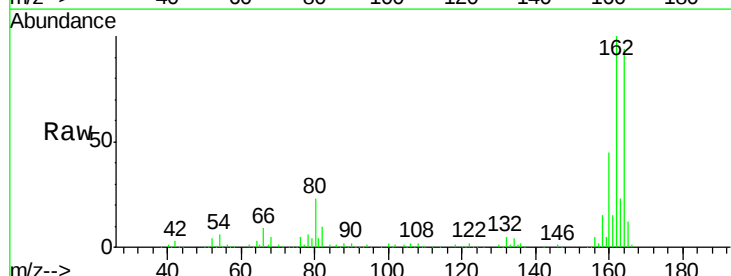


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

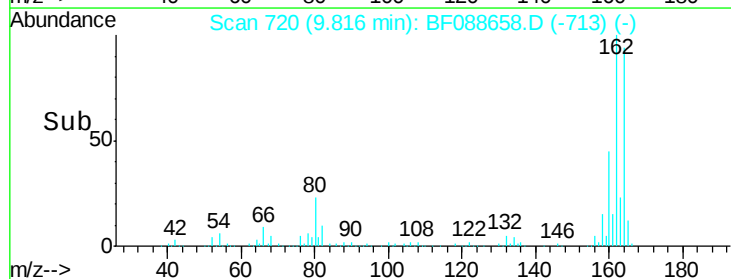
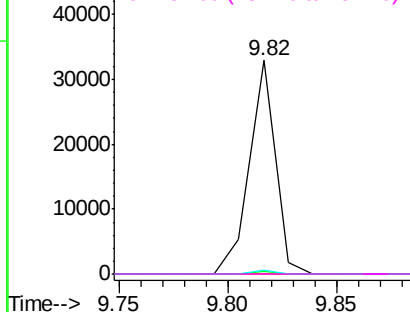


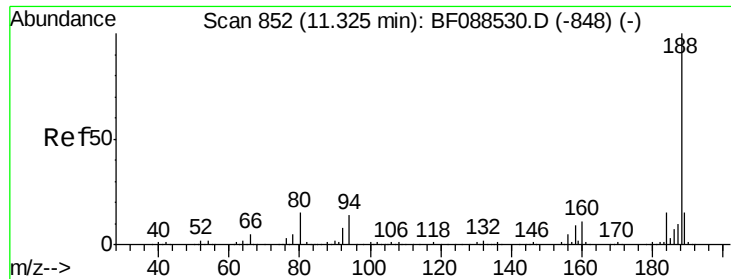
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Tgt Ion:165 Resp: 27514
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.8 41.1 61.7#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

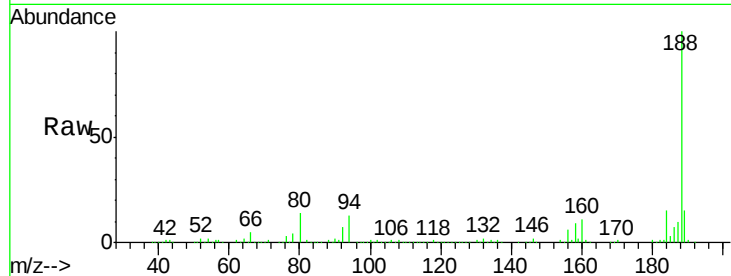




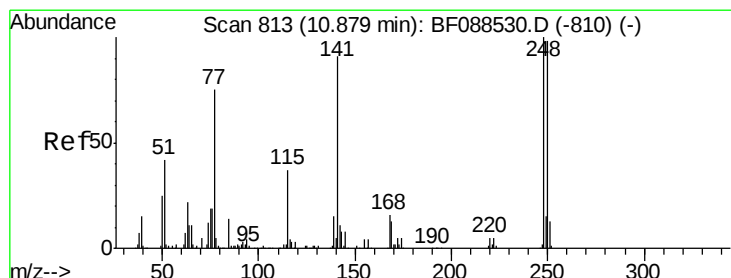
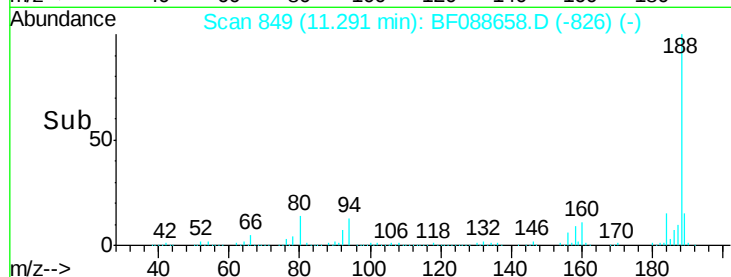
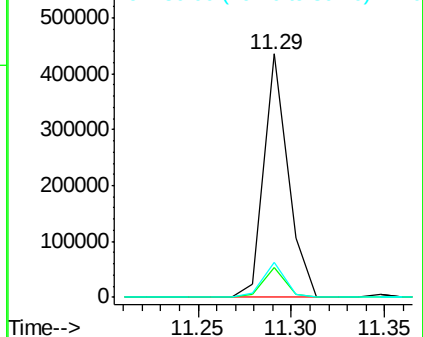
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 389800
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.6
80 14.3 10.0 15.0

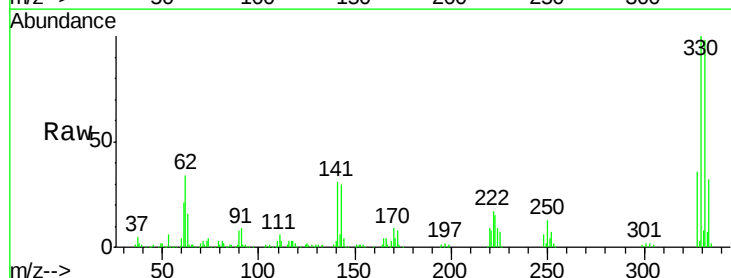


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

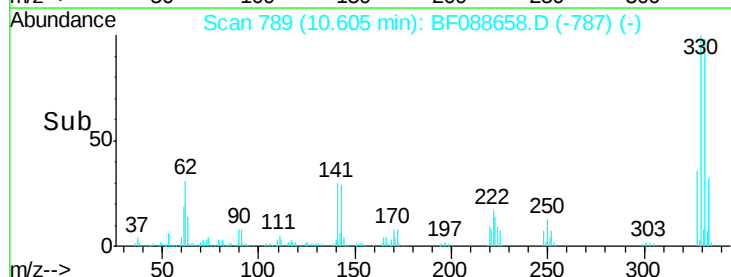
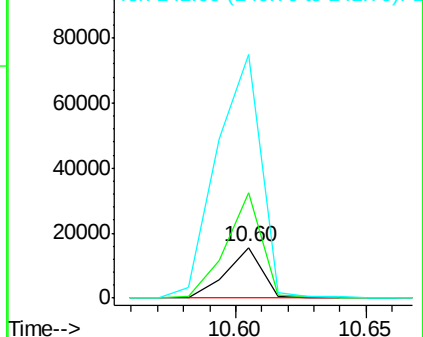


#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088658.D
Acq: 3 Jul 2016 20:24

Tgt Ion:248 Resp: 14698
Ion Ratio Lower Upper
248 100
250 207.2 77.1 115.7#
141 481.4 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: BF088658.D

Acq: 3 Jul 2016 20:24

Instrument :

BNA_F

ClientSampled :

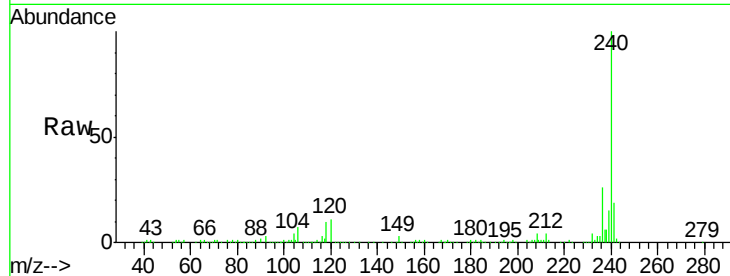
Tot Ion:240 Resp: 344918

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

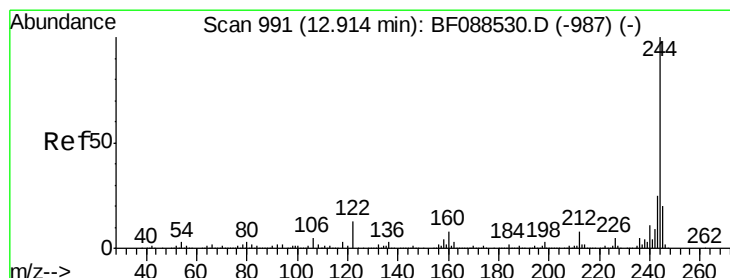
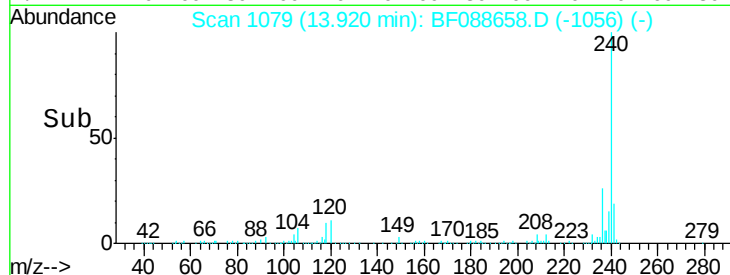
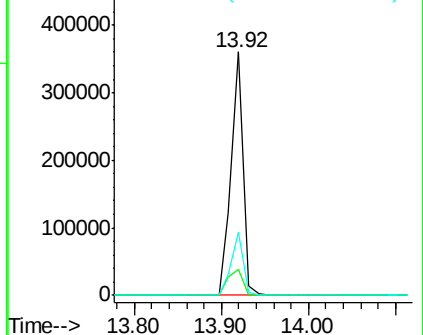
236 25.7 20.2 30.2



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: 49.30 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088658.D

Acq: 3 Jul 2016 20:24

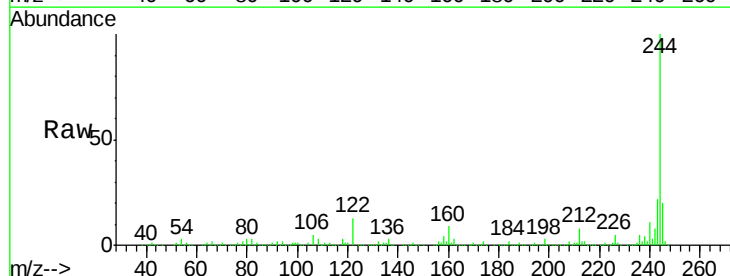
Tgt Ion:244 Resp: 763408

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

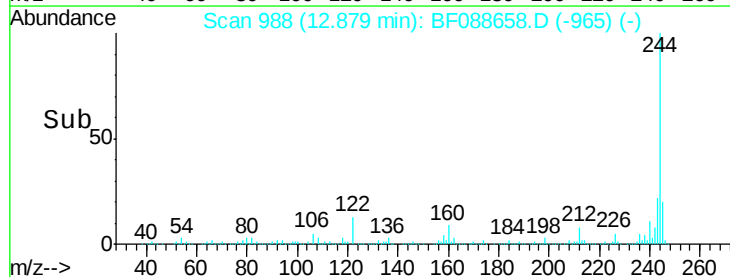
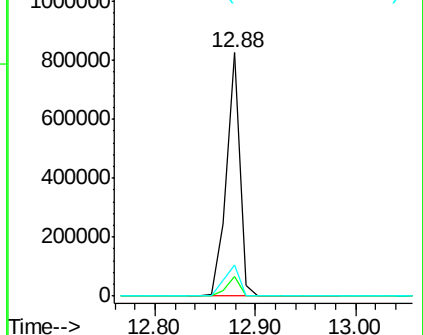
122 12.9 11.2 16.8

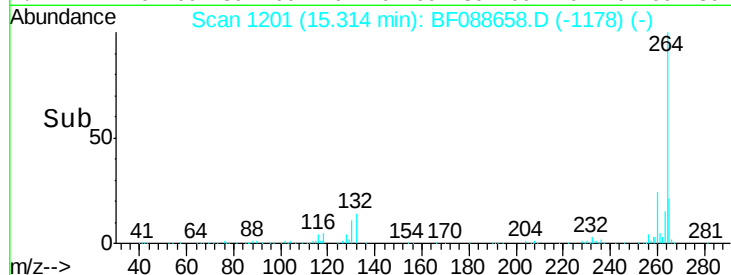
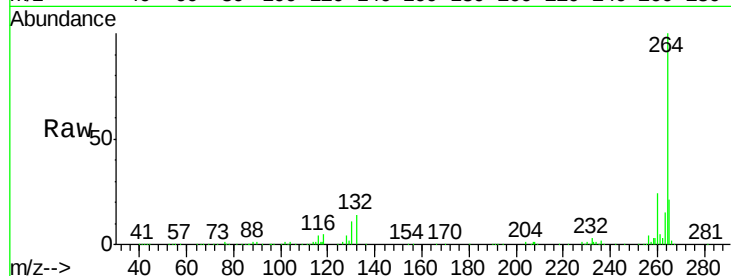
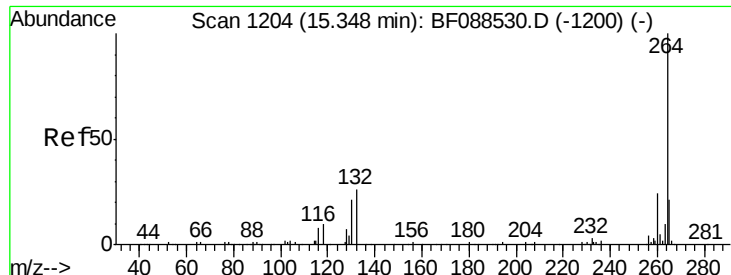


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088658.D
 Acq: 3 Jul 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	267395
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	21.2	16.9 25.3

