

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088659.D
 Acq On : 3 Jul 2016 20:54
 Operator : UM/SJ
 Sample : H3817-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:00:52 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

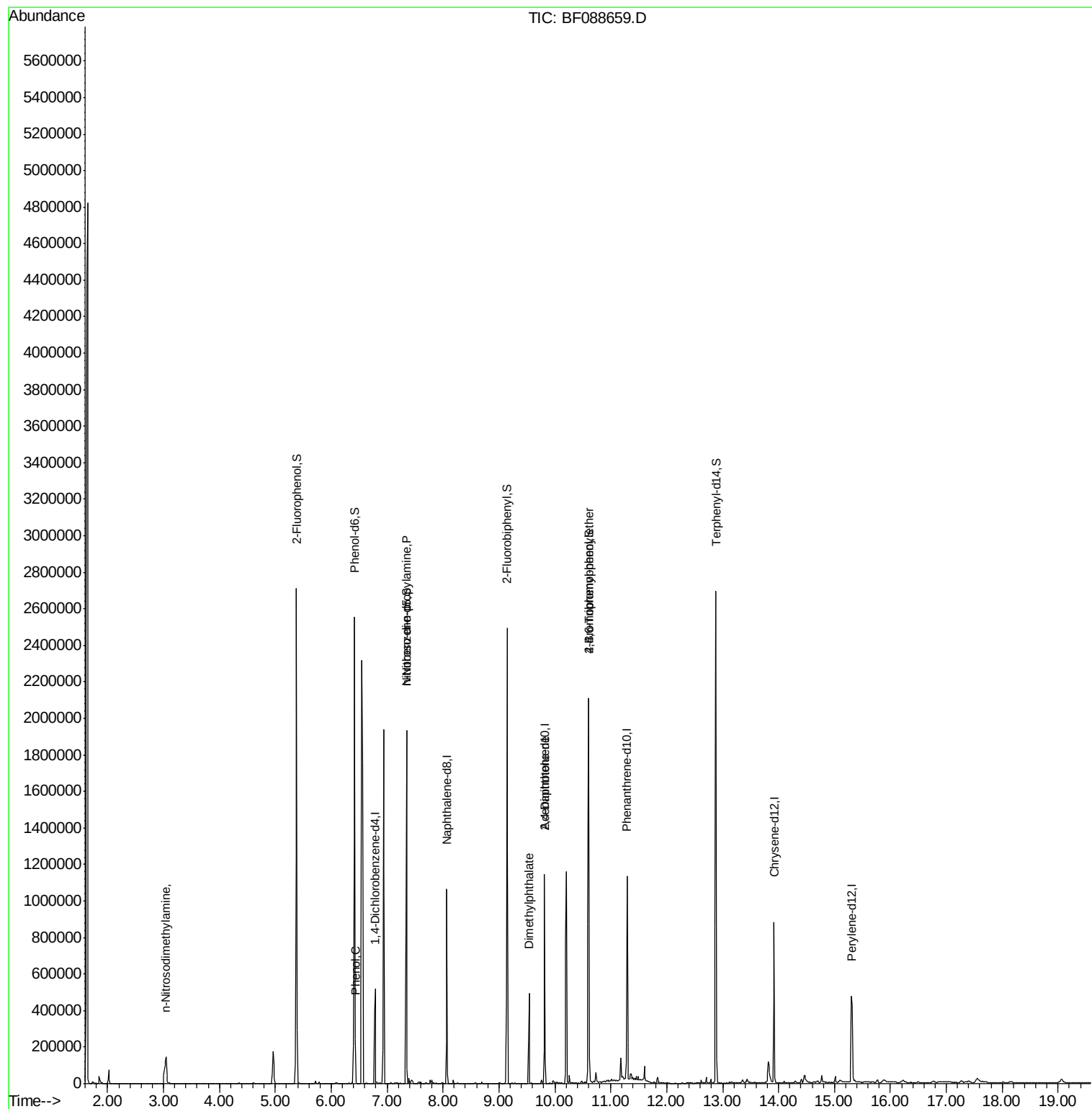
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104467	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	440465	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	208209	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	370104	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	328313	20.00	ng	-0.03
86) Perylene-d12	15.31	264	249845	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	850030	121.95	ng	-0.02
7) Phenol-d6	6.42	99	1045717	116.10	ng	-0.02
23) Nitrobenzene-d5	7.35	82	705528	83.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	241386	124.85	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	990415	75.14	ng	-0.03
78) Terphenyl-d14	12.88	244	788150	53.47	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.05	42	7791	2.03	ng	# 1
10) Phenol	6.43	94	31397	3.05	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	97632	16.14	ng	# 72
49) Dimethylphthalate	9.54	163	236636	15.95	ng	98
56) 2,4-Dinitrotoluene	9.82	165	26733	6.22	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	17470	4.68	ng	# 1

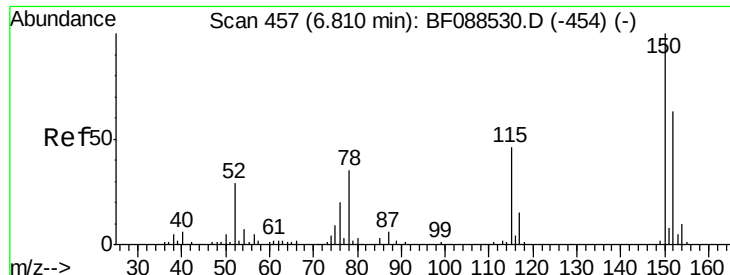
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088659.D

Acq: 3 Jul 2016 20:54

Instrument :

BNA_F

ClientSampleId :

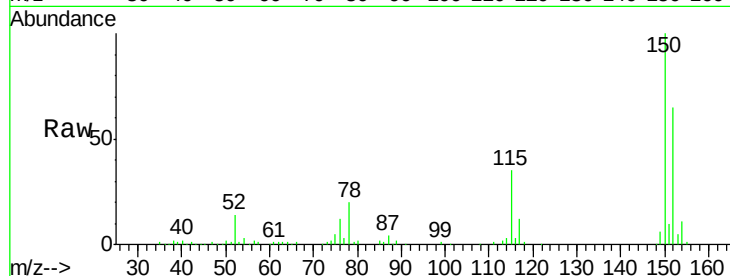
Tot Ion:152 Resp: 104467

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

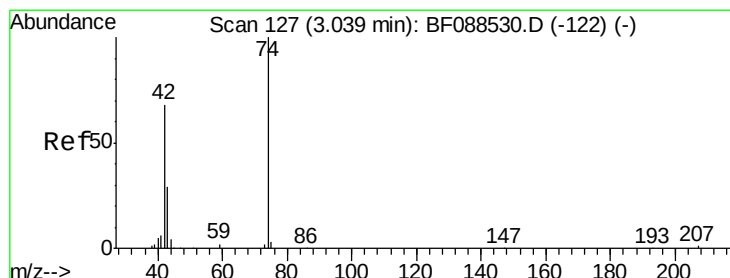
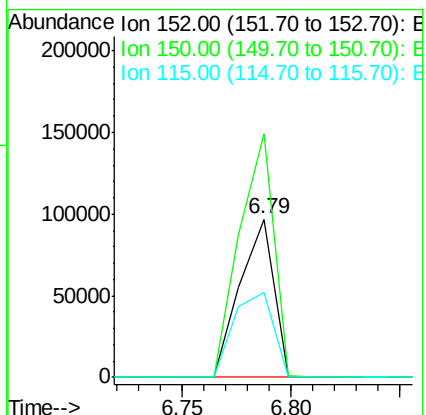
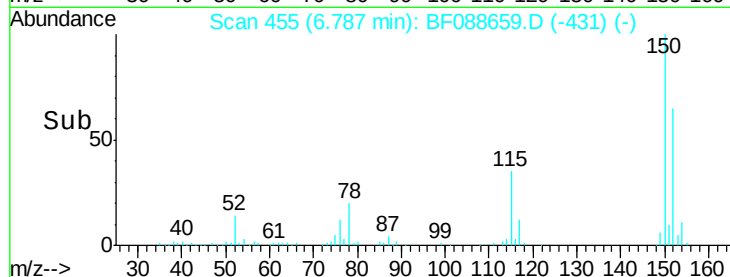
115 54.1 39.6 59.4



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: 2.03 ng

RT: 3.05 min Scan# 128

Delta R.T. 0.01 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

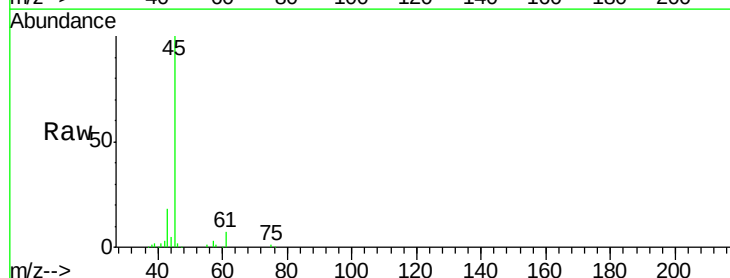
Tgt Ion: 42 Resp: 7791

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

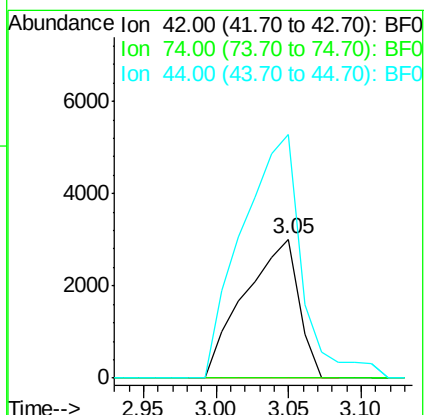
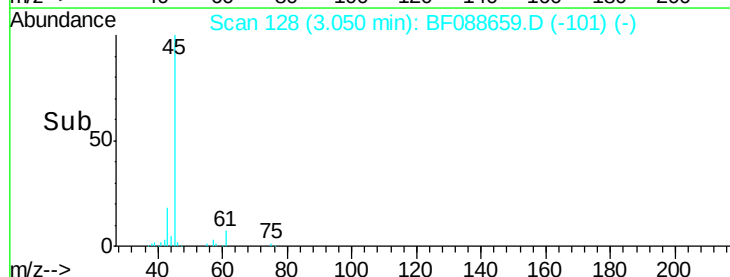
44 174.8 5.5 8.3#

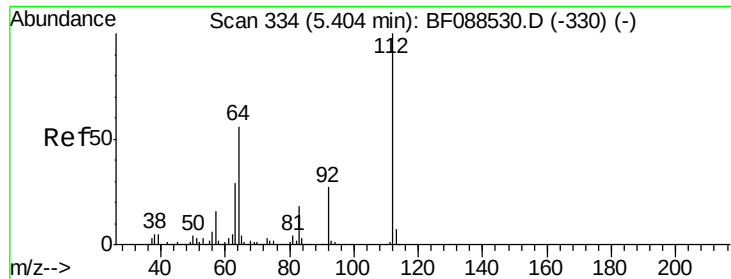


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.95 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

Instrument :

BNA_F

ClientSampleId :

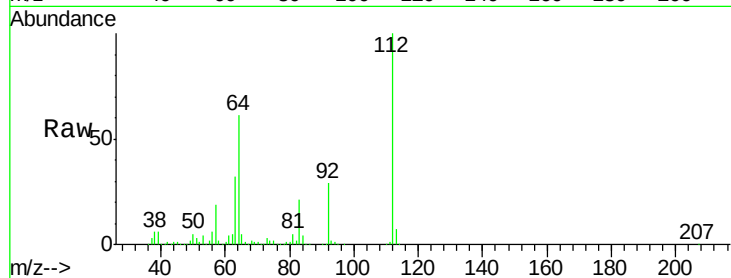
Tot Ion:112 Resp: 850030

Ion Ratio Lower Upper

112 100

64 61.3 42.2 63.2

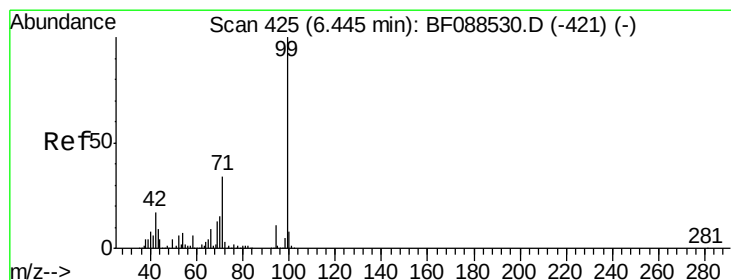
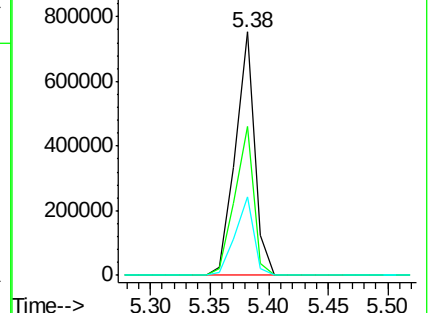
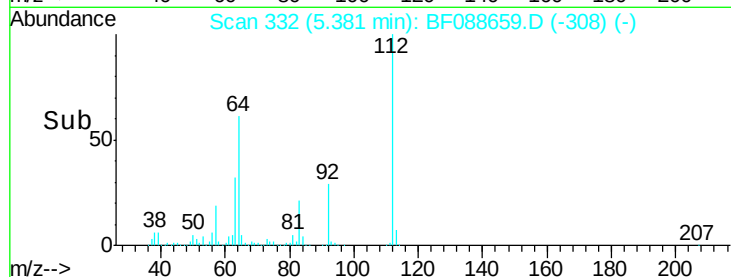
63 32.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 116.10 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

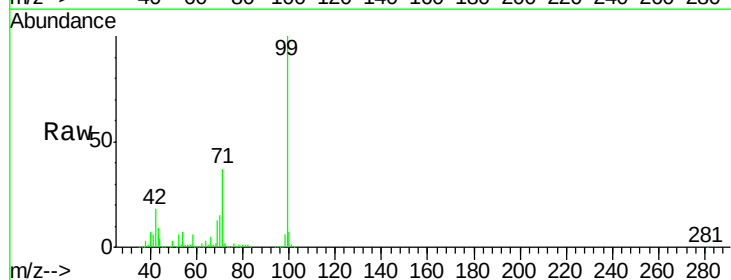
Tgt Ion: 99 Resp: 1045717

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

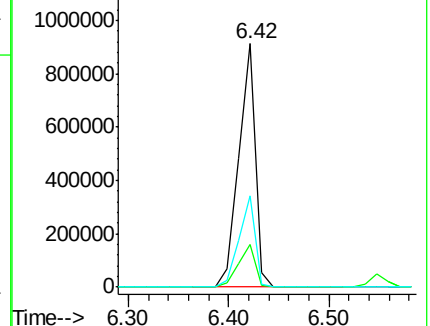
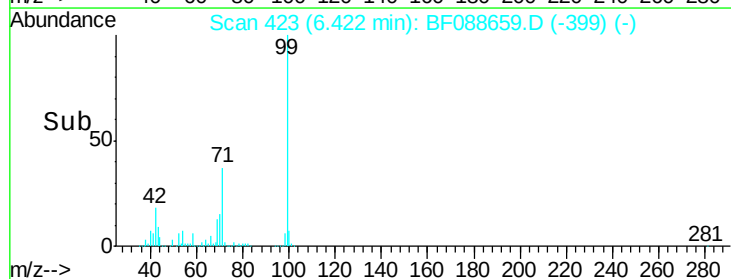
71 37.2 23.4 35.0#

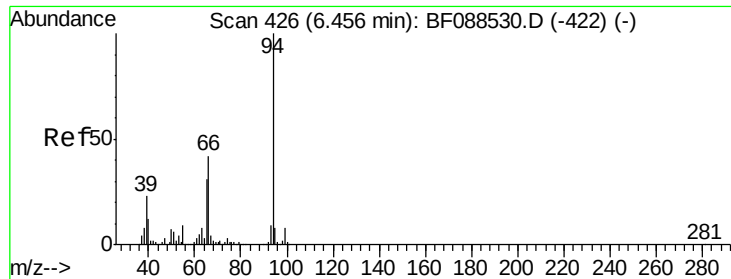


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.05 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

Instrument :

BNA_F

ClientSampleId :

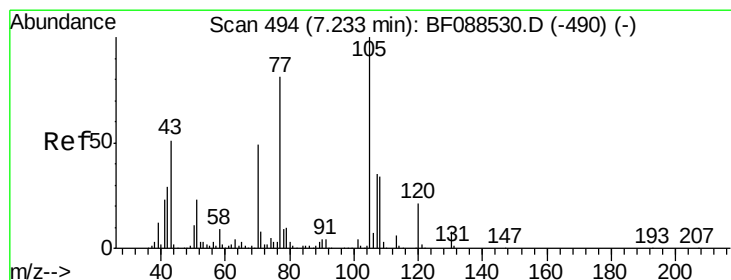
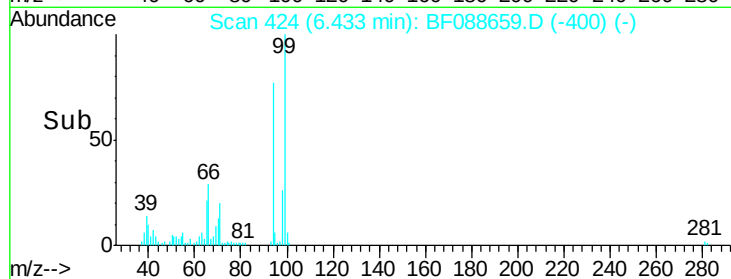
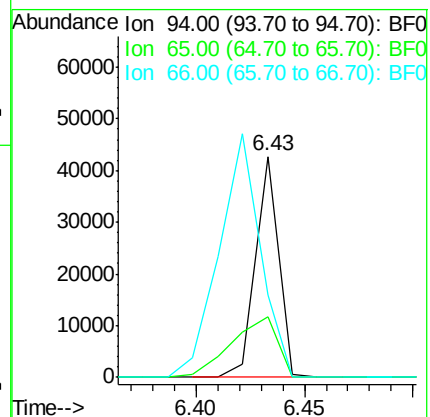
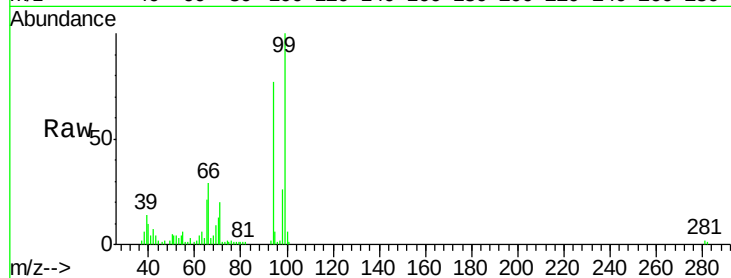
Tot Ion: 94 Resp: 31397

Ion Ratio Lower Upper

94 100

65 27.6 5.9 45.9

66 37.3 14.0 54.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.14 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

Tgt Ion: 70 Resp: 97632

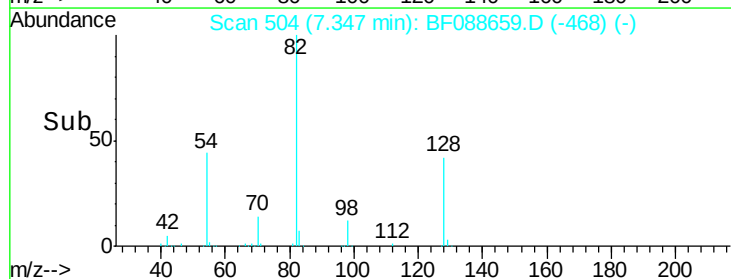
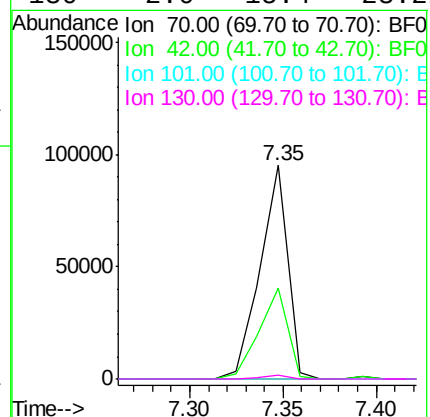
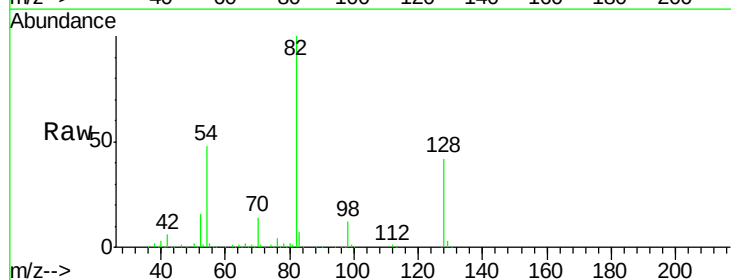
Ion Ratio Lower Upper

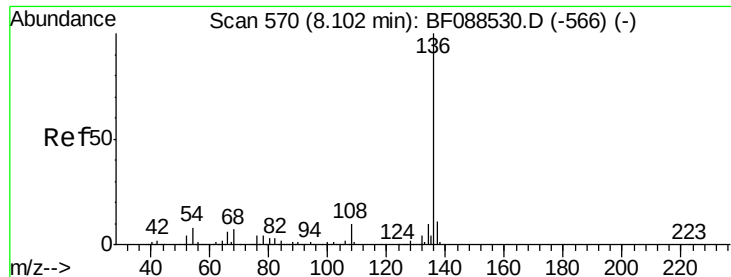
70 100

42 42.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 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: BF088659.D

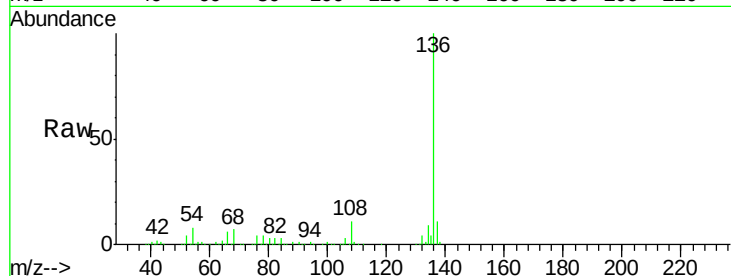
Acq: 3 Jul 2016 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	440465
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	7.7	6.6 10.0
68	6.6	5.1 7.7

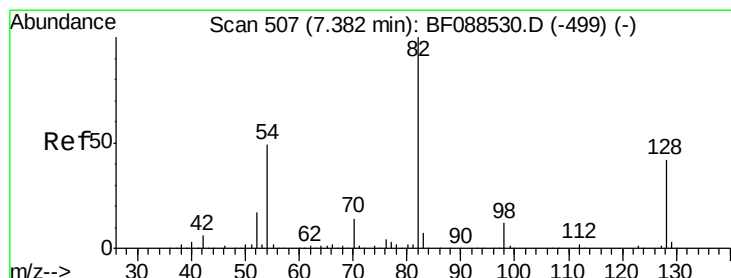
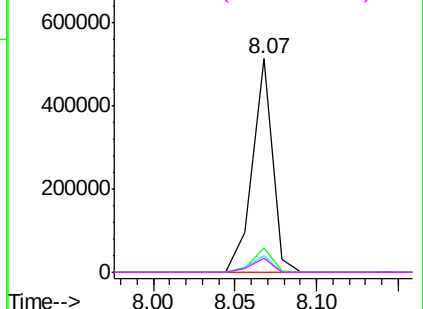
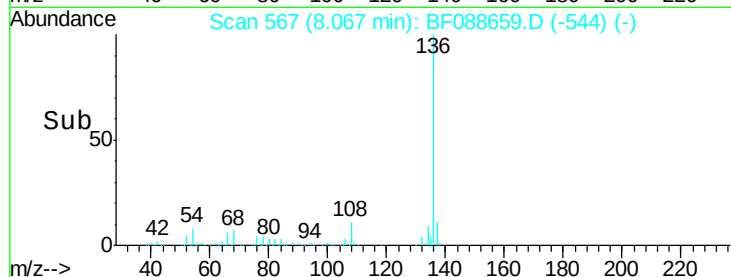


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.94 ng

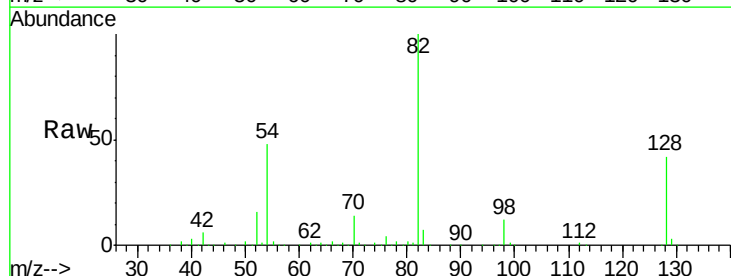
RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

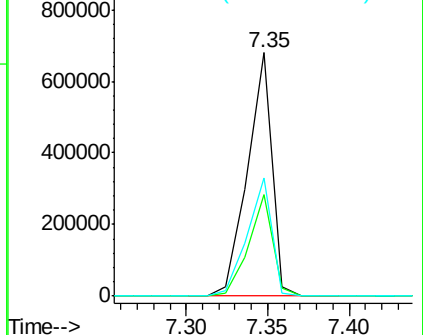
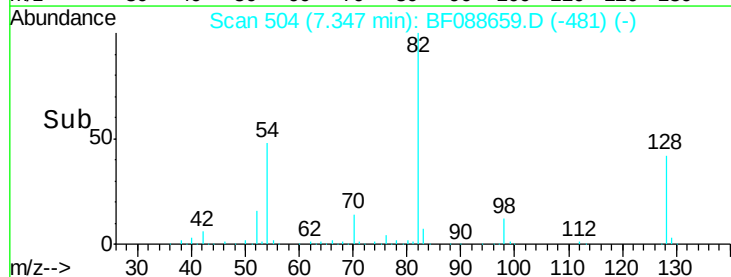
Tgt Ion: 82	Resp:	705528
Ion Ratio	Lower	Upper
82	100	
128	41.9	35.9 53.9
54	48.5	40.9 61.3

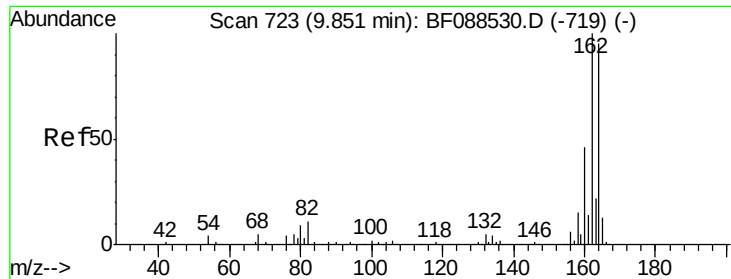


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

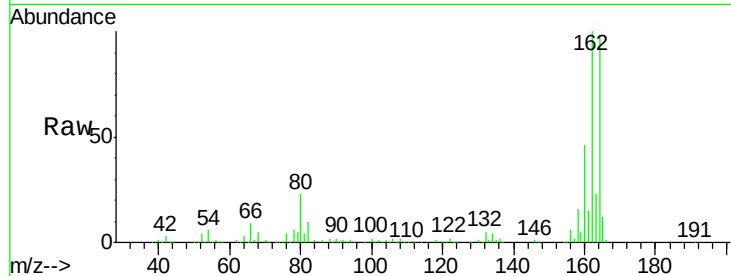




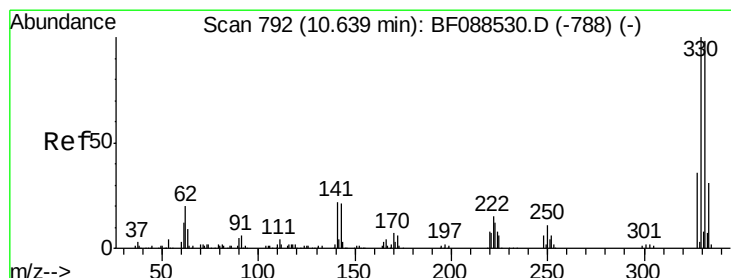
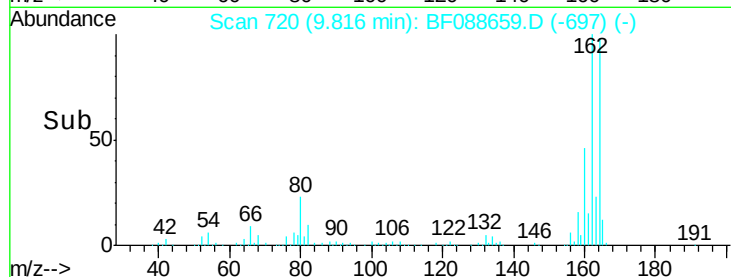
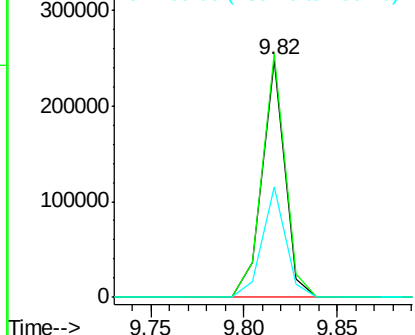
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088659.D
Acq: 3 Jul 2016 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 208209
Ion Ratio Lower Upper
164 100
162 102.4 85.4 128.2
160 46.6 39.5 59.3

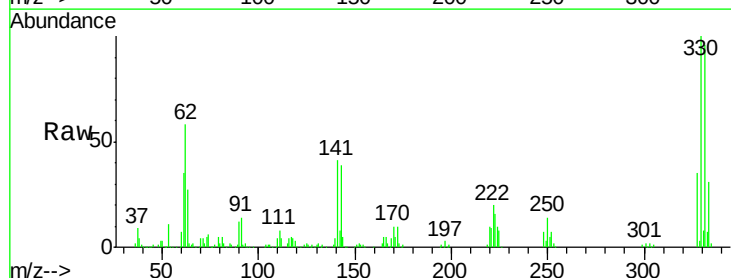


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

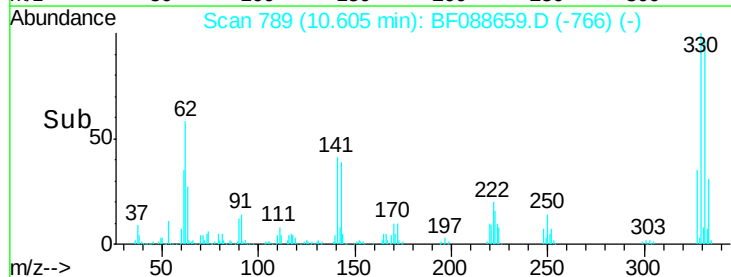
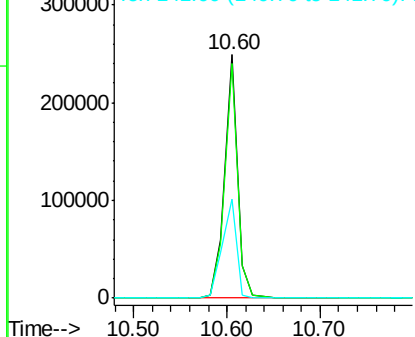


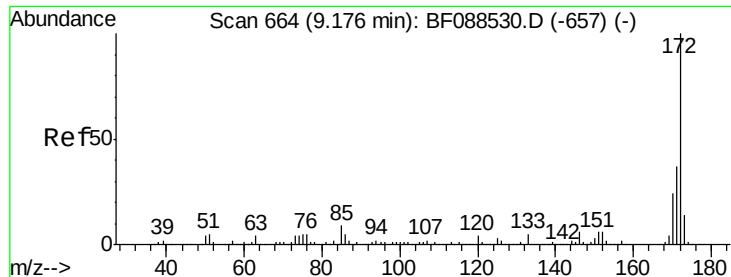
#41
2,4,6-Tribromophenol
Concen: 124.85 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088659.D
Acq: 3 Jul 2016 20:54

Tgt Ion:330 Resp: 241386
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 44.2 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

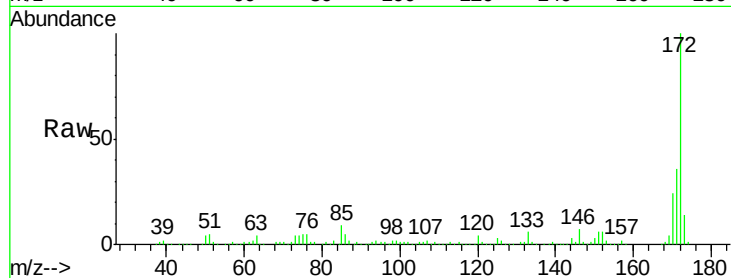




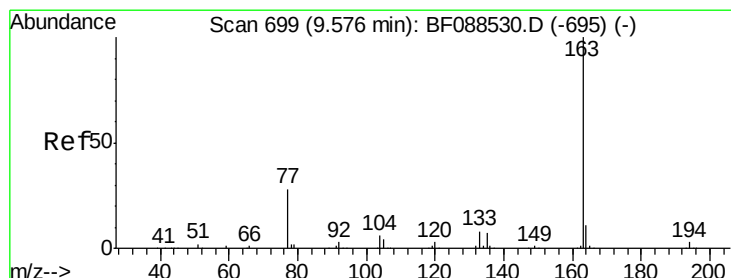
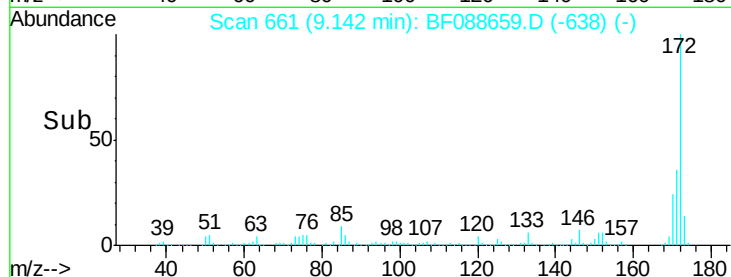
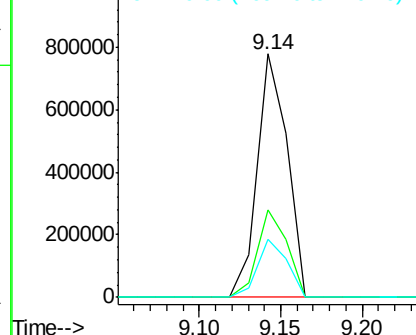
#44
2-Fluorobiphenyl
Concen: 75.14 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088659.D
Acq: 3 Jul 2016 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 990415
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.2 28.8

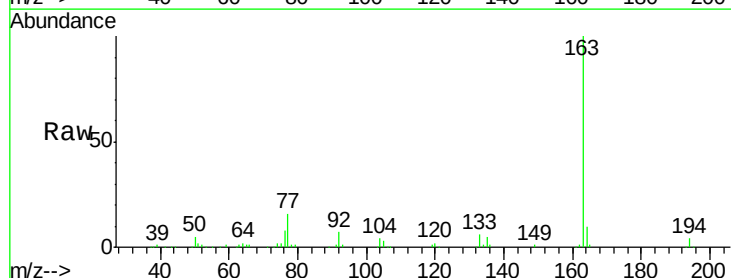


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

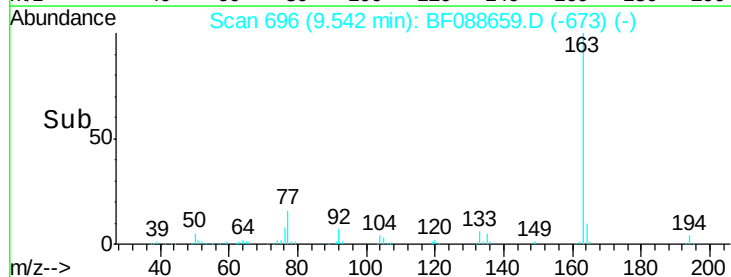
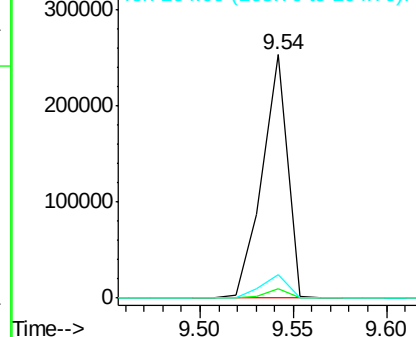


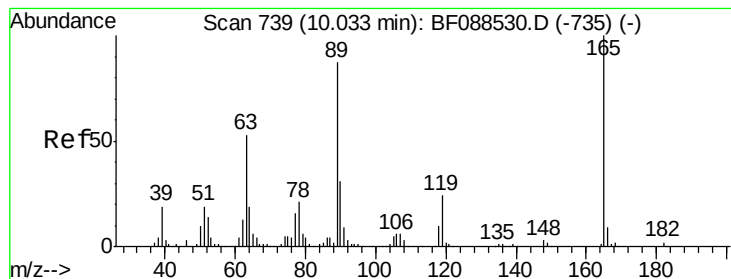
#49
Dimethylphthalate
Concen: 15.95 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088659.D
Acq: 3 Jul 2016 20:54

Tgt Ion:163 Resp: 236636
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.6 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: 6.22 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088659.D

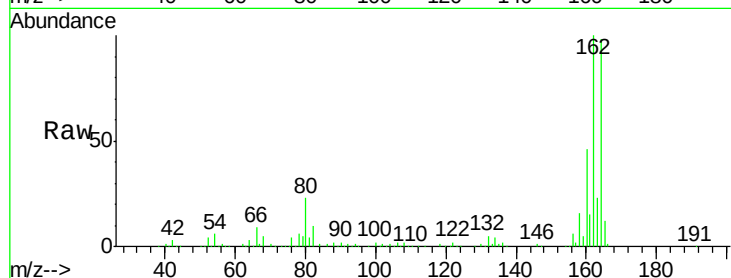
Acq: 3 Jul 2016 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	26733
Ion Ratio	Lower	Upper
165	100	
63	1.3	22.0 33.0#
89	1.8	41.1 61.7#
182	0.0	2.0 3.0#

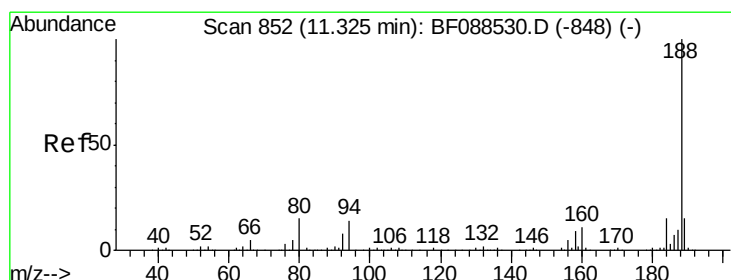
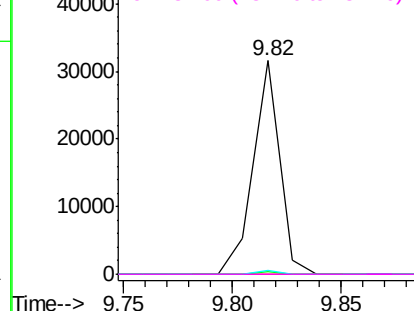
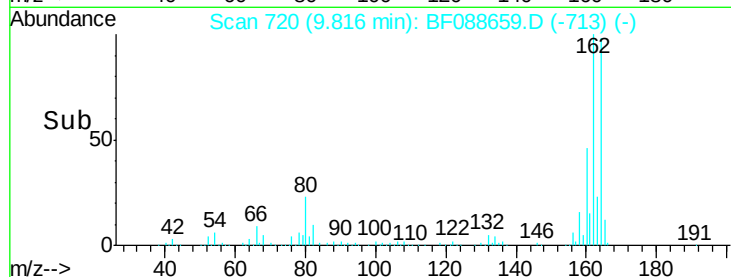


Abundance Ion 165.00 (164.70 to 165.70): E

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

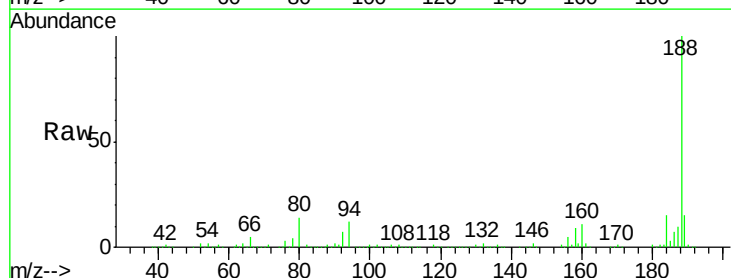
RT: 11.29 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF088659.D

Acq: 3 Jul 2016 20:54

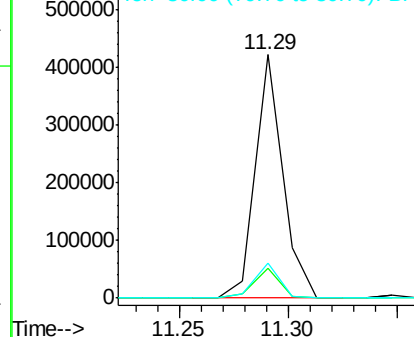
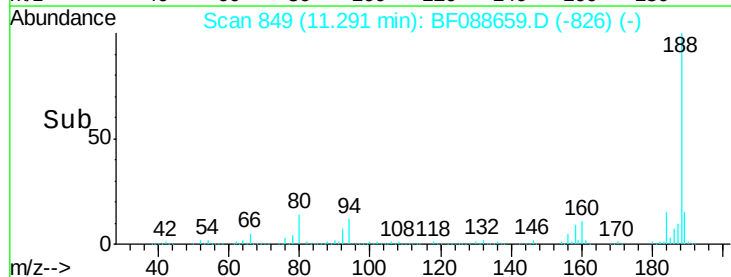
Tgt Ion:188	Resp:	370104
Ion Ratio	Lower	Upper
188	100	
94	12.1	9.0 13.6
80	14.1	10.0 15.0

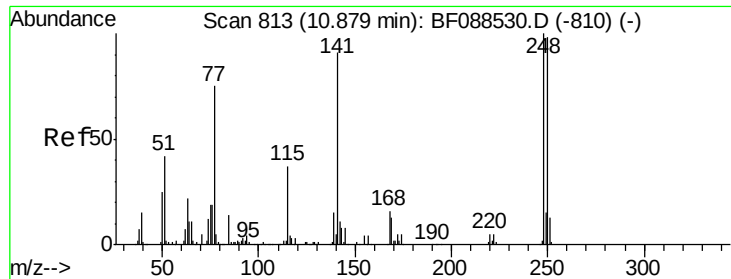


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

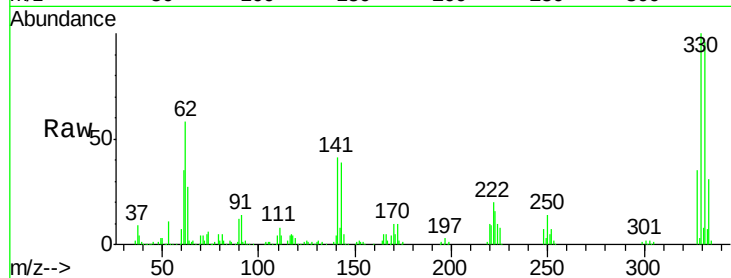




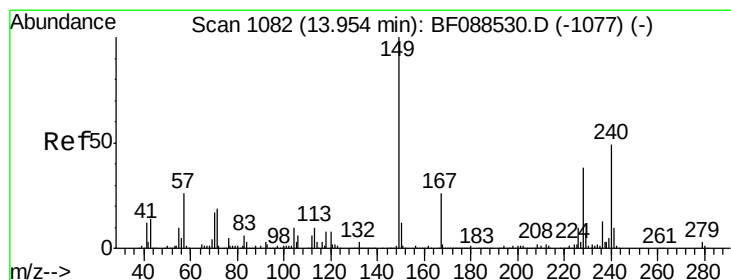
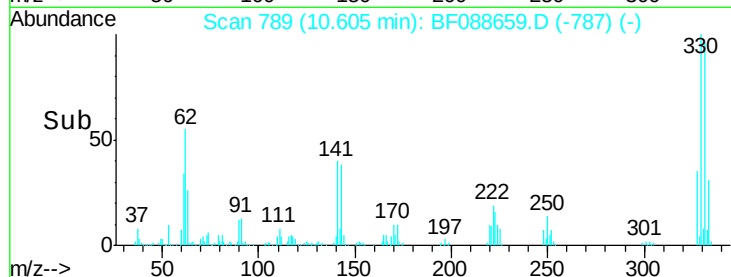
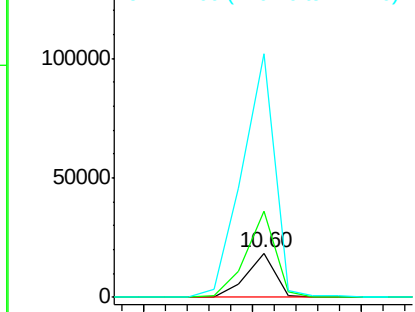
#66
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088659.D
Acq: 3 Jul 2016 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17470
Ion Ratio Lower Upper
248 100
250 193.6 77.1 115.7#
141 547.1 50.6 76.0#

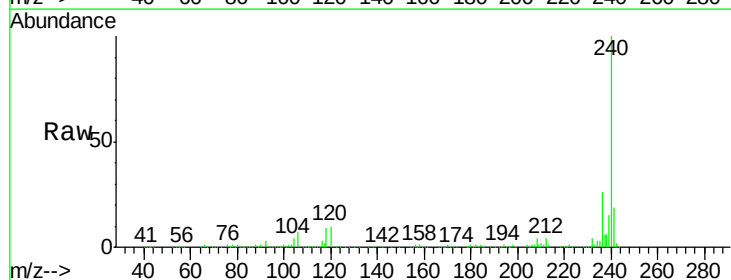


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

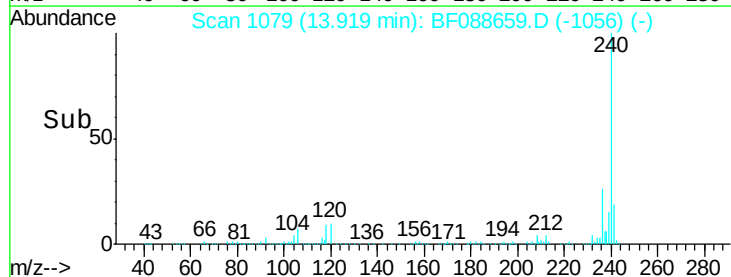
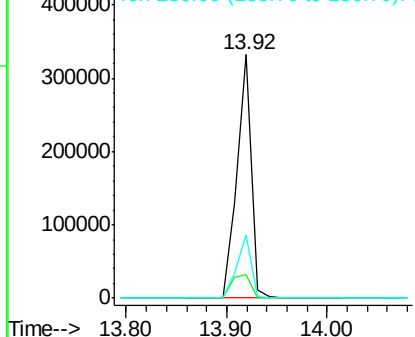


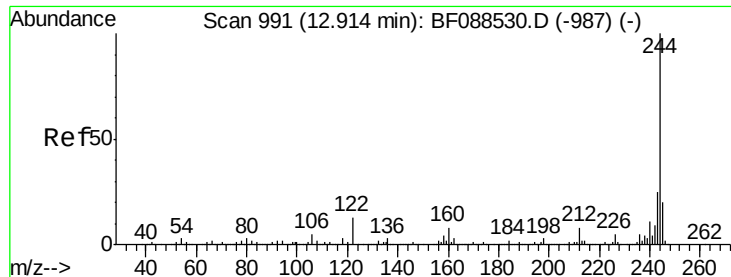
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088659.D
Acq: 3 Jul 2016 20:54

Tgt Ion:240 Resp: 328313
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

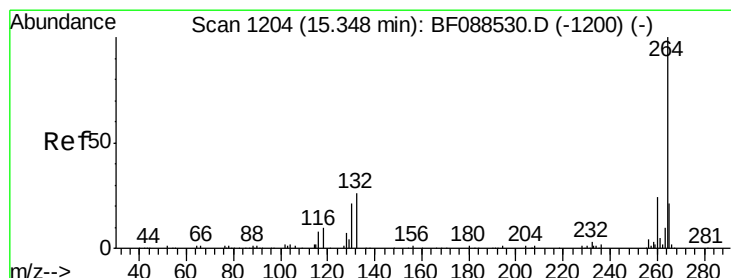
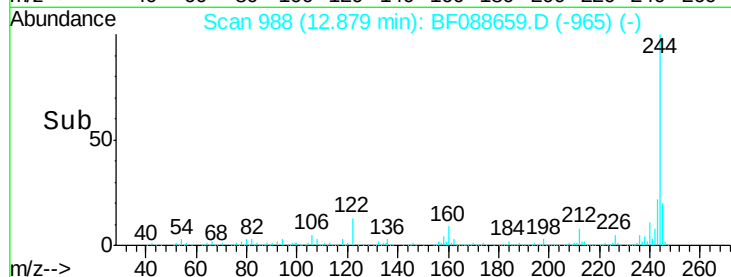
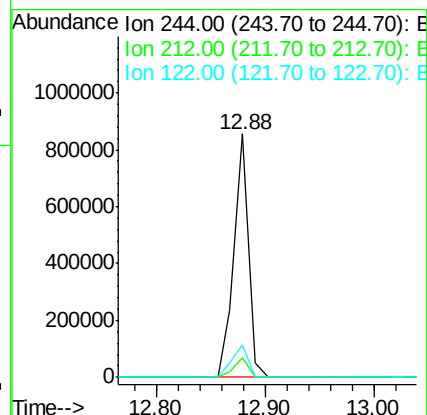
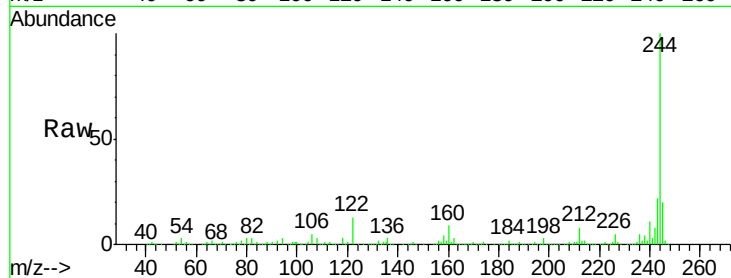




#78
 Terphenyl-d14
 Concen: 53.47 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088659.D
 Acq: 3 Jul 2016 20:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 788150
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 13.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088659.D
 Acq: 3 Jul 2016 20:54

Tgt Ion:264 Resp: 249845
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3

