

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088769.D
 Acq On : 7 Jul 2016 8:11
 Operator : UM/SJ
 Sample : H3897-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Jul 07 08:34:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

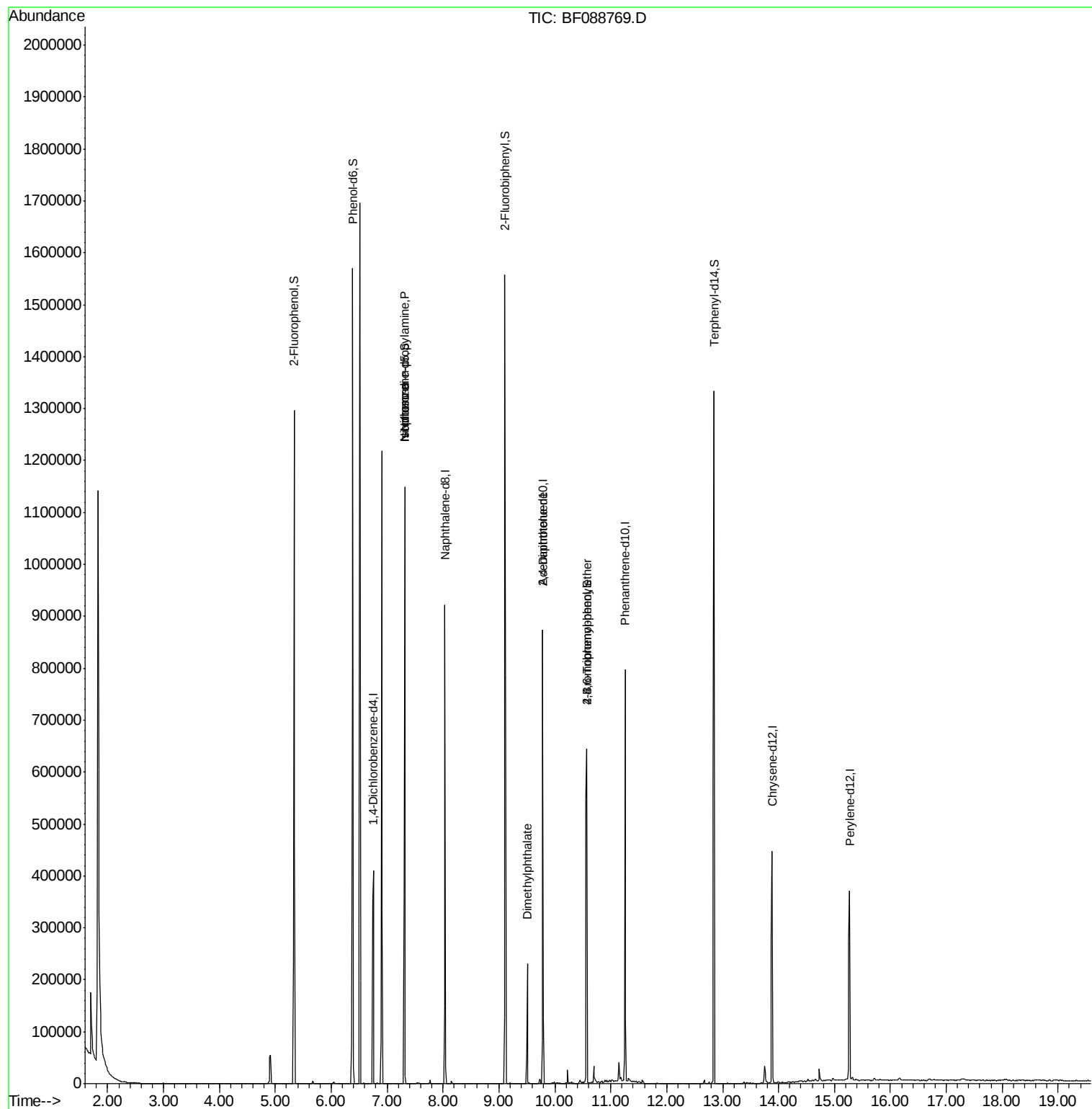
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	88651	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	375600	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	155644	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	256313	20.00	ng	0.00
75) Chrysene-d12	13.89	240	181594	20.00	ng	0.00
86) Perylene-d12	15.27	264	176594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	408102	68.99	ng	0.00
7) Phenol-d6	6.39	99	620771	81.22	ng	0.00
23) Nitrobenzene-d5	7.31	82	381335	53.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	110115	76.19	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	580538	58.92	ng	-0.01
78) Terphenyl-d14	12.85	244	441219	54.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	51216	9.98	ng	# 71
25) Isophorone	7.31	82	287446	21.65	ng	# 65
49) Dimethylphthalate	9.51	163	95434	8.61	ng	98
56) 2,4-Dinitrotoluene	9.78	165	20399	6.35	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	6887	2.67	ng	# 1

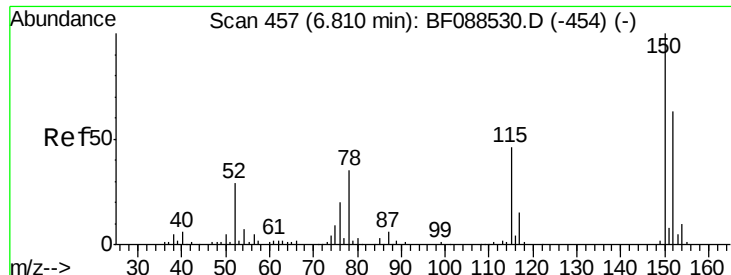
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

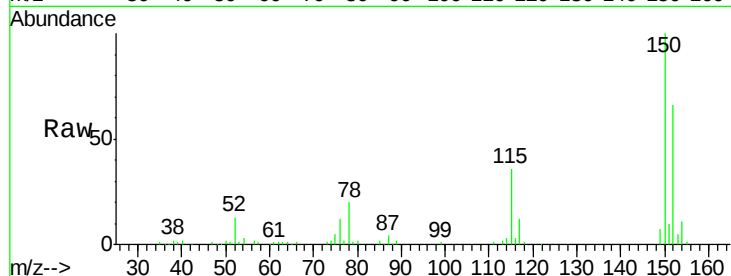
Tgt Ion:152 Resp: 88651

Ion Ratio Lower Upper

152 100

150 150.9 123.8 185.6

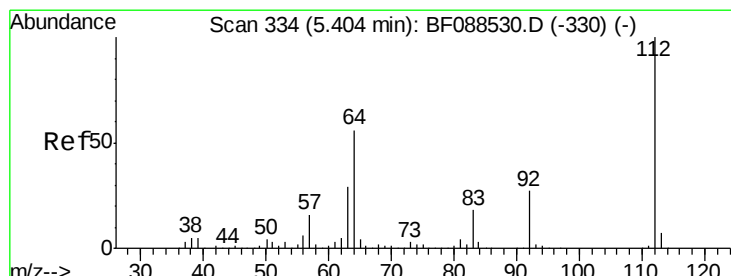
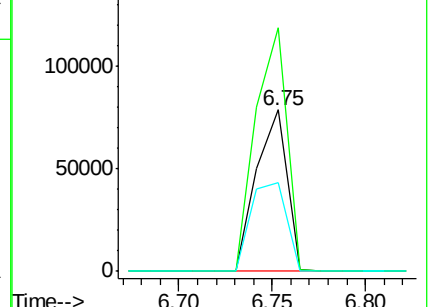
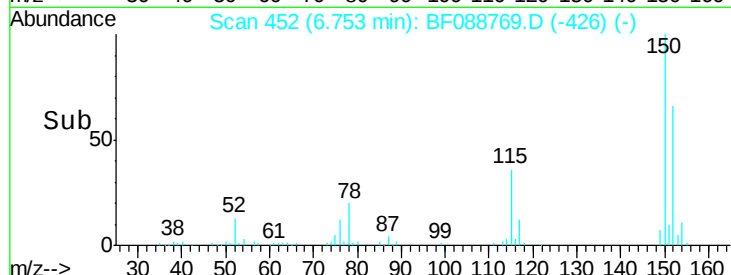
115 54.9 39.6 59.4



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



#5

2-Fluorophenol

Concen: 68.99 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

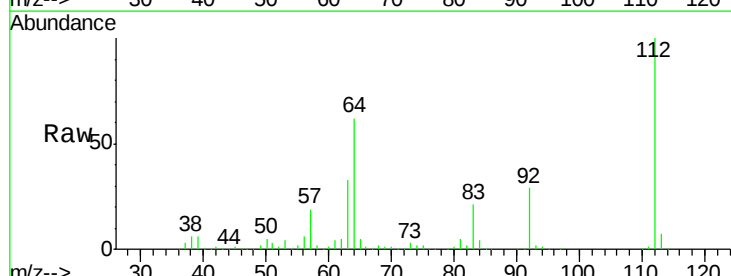
Tgt Ion:112 Resp: 408102

Ion Ratio Lower Upper

112 100

64 62.4 42.2 63.2

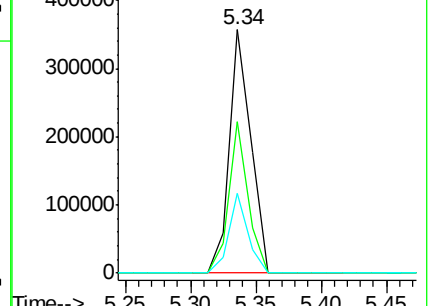
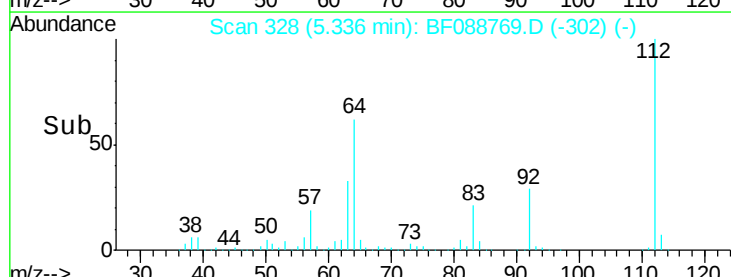
63 32.8 21.8 32.8#

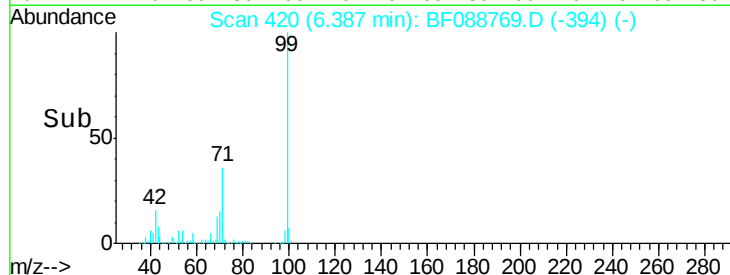
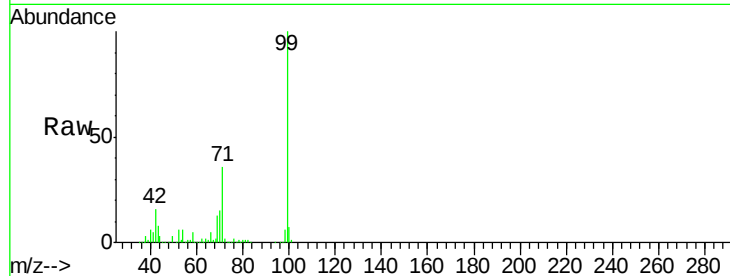
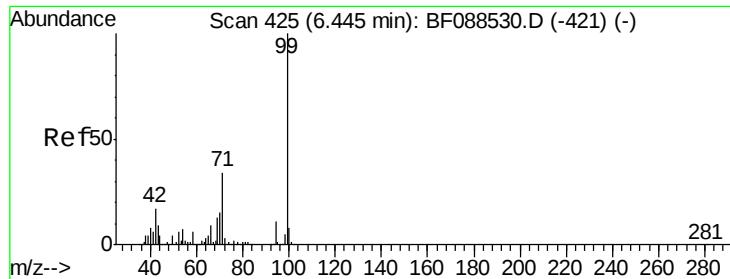


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.22 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

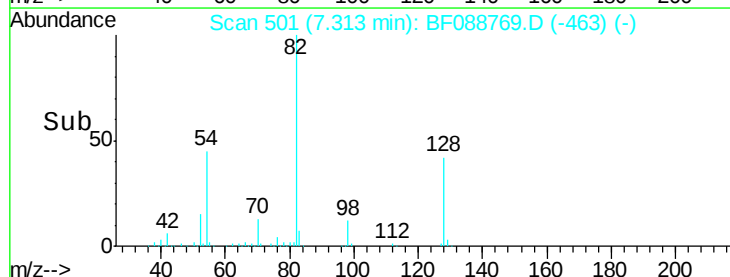
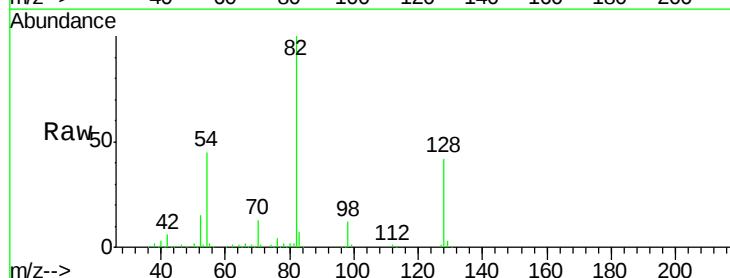
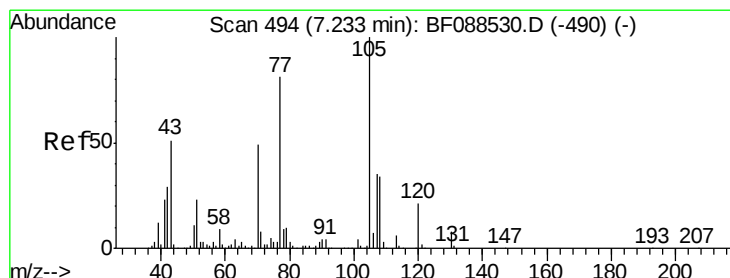
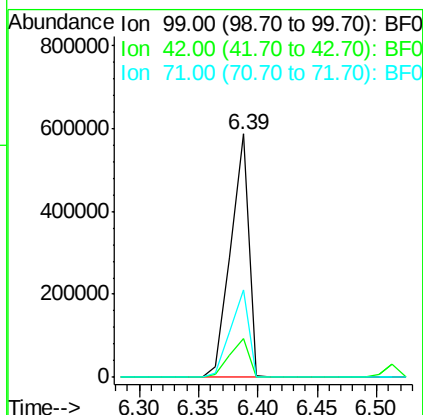
Tgt Ion: 99 Resp: 620771

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 35.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 9.98 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

Tgt Ion: 70 Resp: 51216

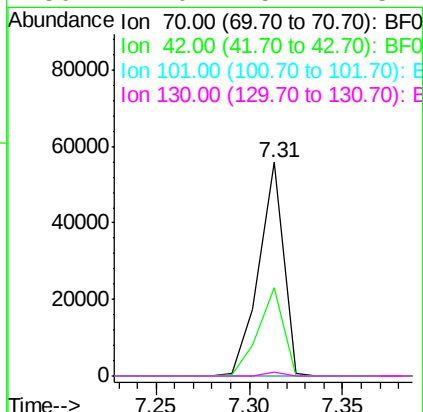
Ion Ratio Lower Upper

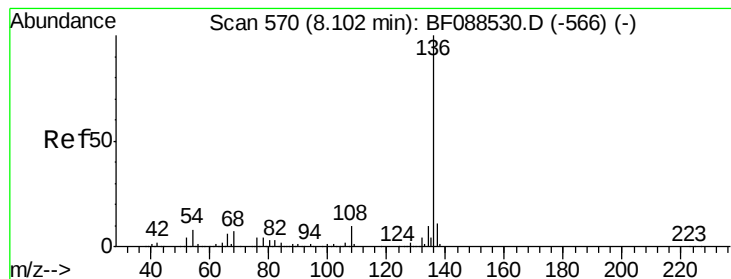
70 100

42 41.2 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: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

Tgt Ion:136 Resp: 375600

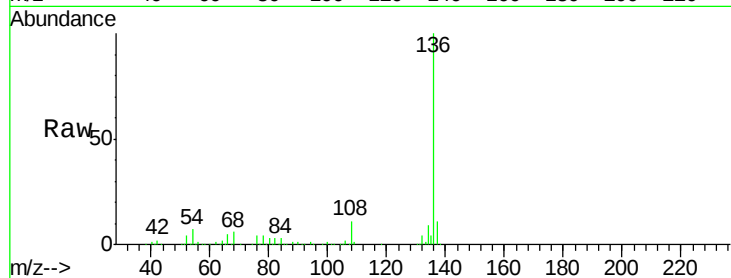
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 6.6 10.0

68 5.6 5.1 7.7

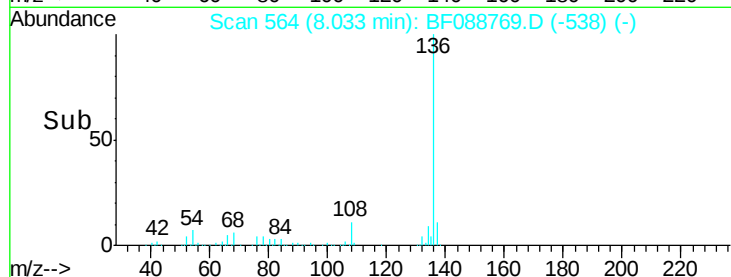


Abundance Ion 136.00 (135.70 to 136.70): E

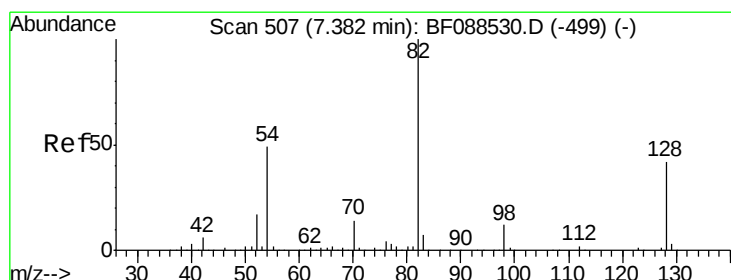
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.95 8.00 8.05 8.10



#23

Nitrobenzene-d5

Concen: 53.20 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

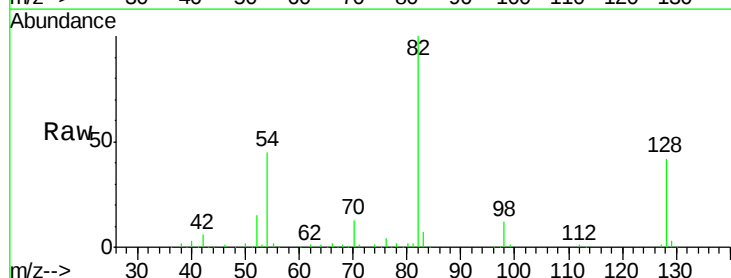
Tgt Ion: 82 Resp: 381335

Ion Ratio Lower Upper

82 100

128 42.3 35.9 53.9

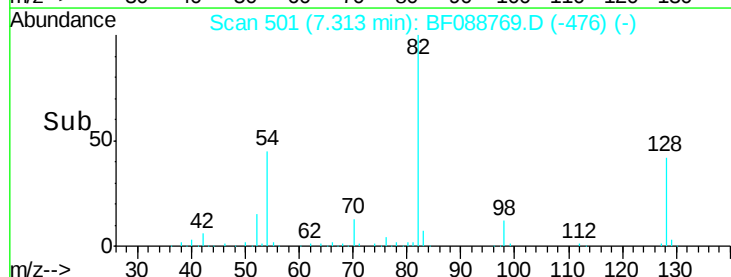
54 45.5 40.9 61.3



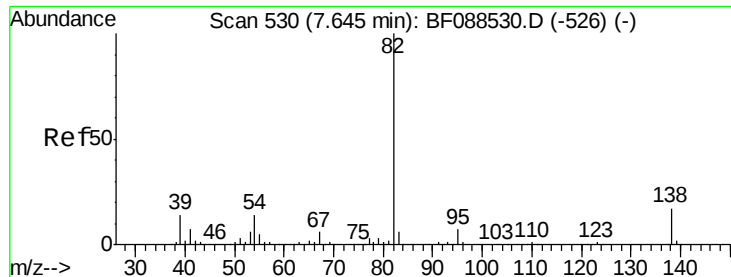
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.25 7.30 7.35



#25

Isophorone

Concen: 21.65 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.26 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

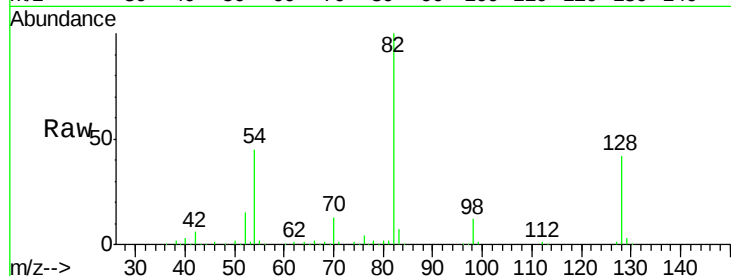
Tgt Ion: 82 Resp: 287446

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

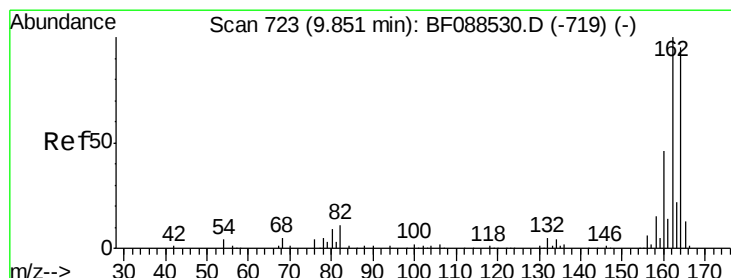
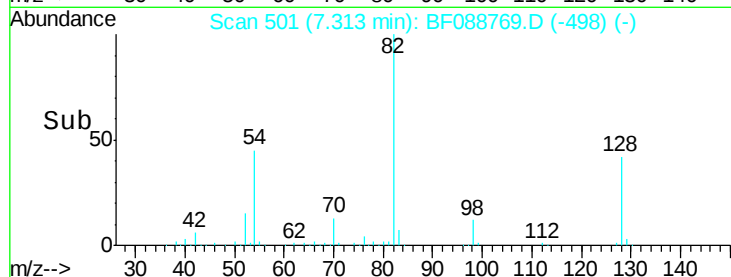
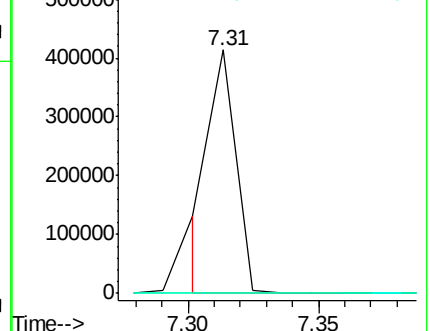
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088769.D

Acq: 7 Jul 2016 8:11

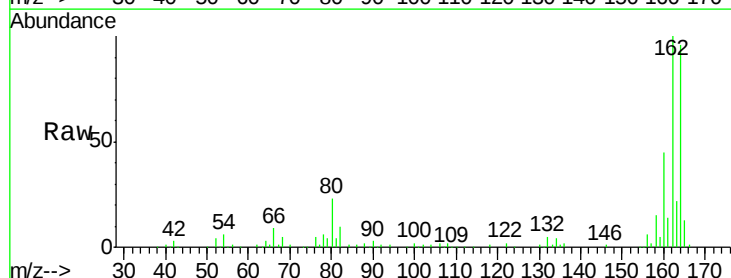
Tgt Ion: 164 Resp: 155644

Ion Ratio Lower Upper

164 100

162 103.8 85.4 128.2

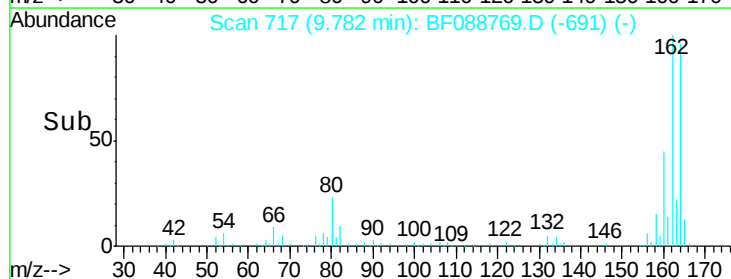
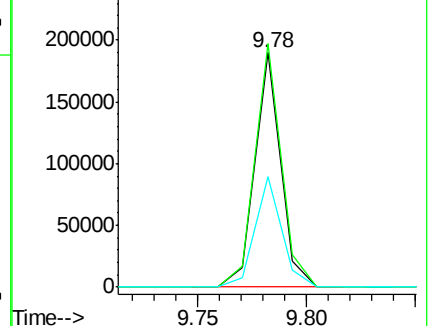
160 46.9 39.5 59.3

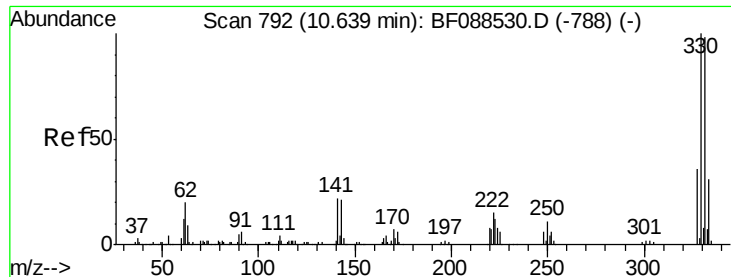


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

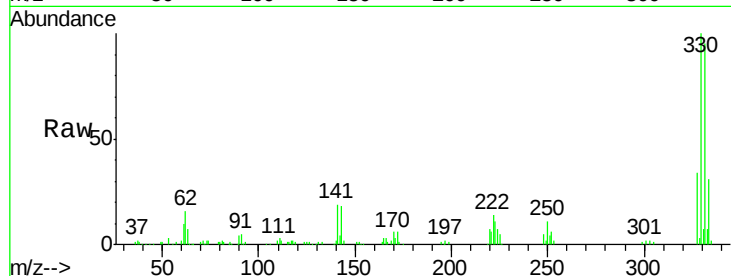




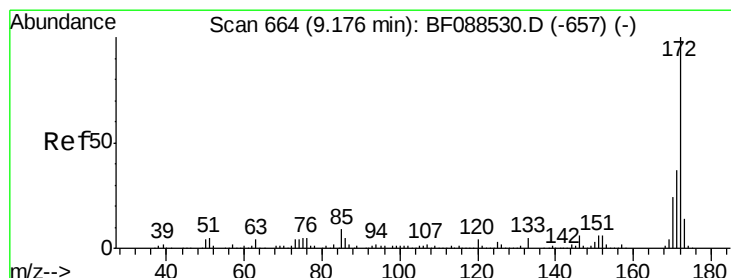
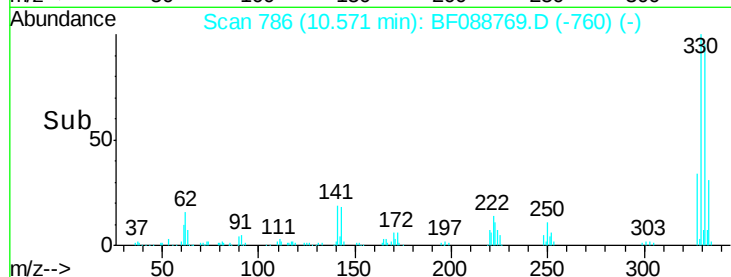
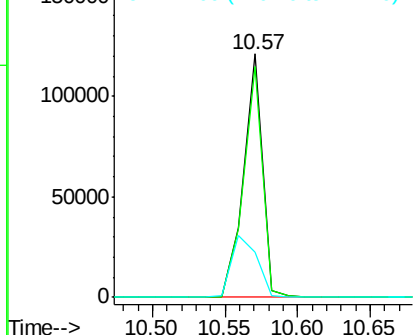
#41
 2,4,6-Tribromophenol
 Concen: 76.19 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088769.D
 Acq: 7 Jul 2016 8:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion: 330 Resp: 110115
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 34.2 0.0 0.0#

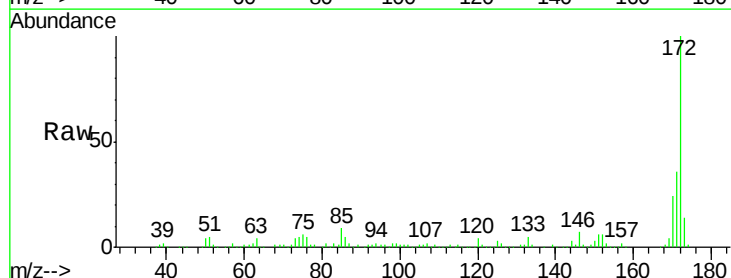


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

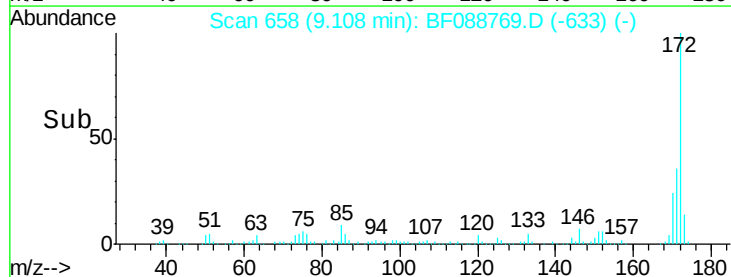
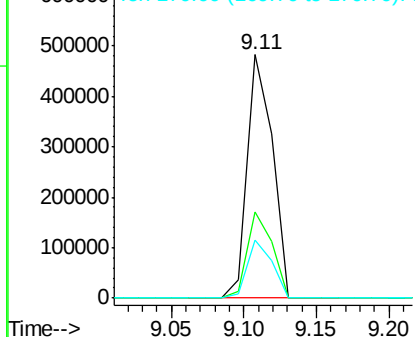


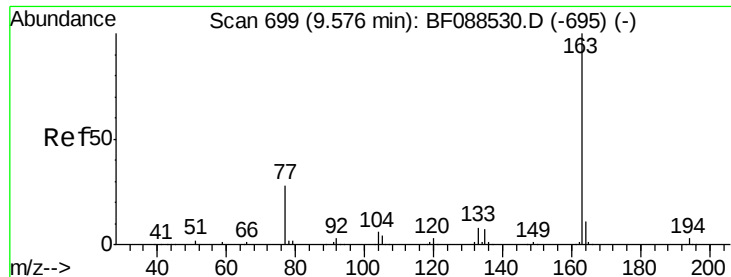
#44
 2-Fluorobiphenyl
 Concen: 58.92 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088769.D
 Acq: 7 Jul 2016 8:11

Tgt Ion: 172 Resp: 580538
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.9 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

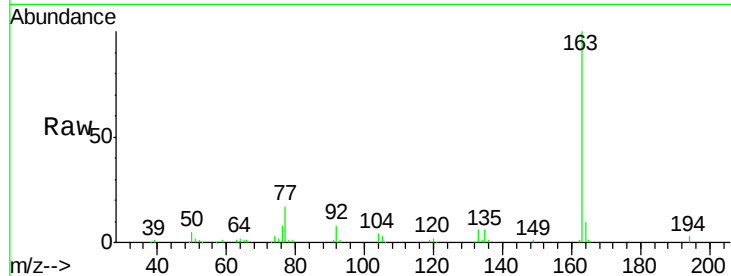




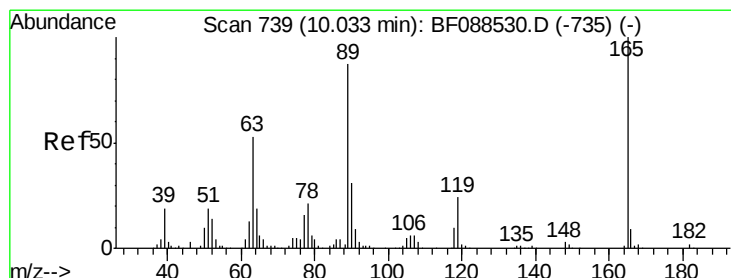
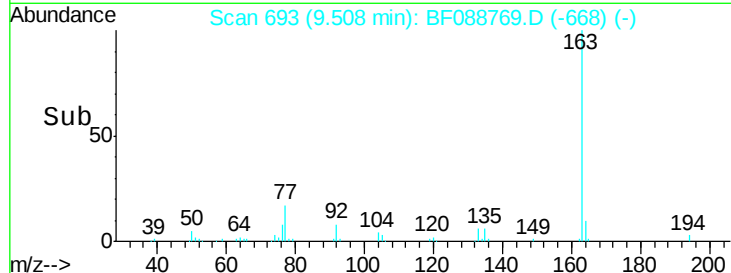
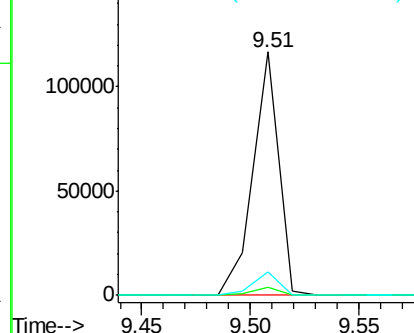
#49
Dimethylphthalate
Concen: 8.61 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:163 Resp: 95434
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.5 8.3 12.5

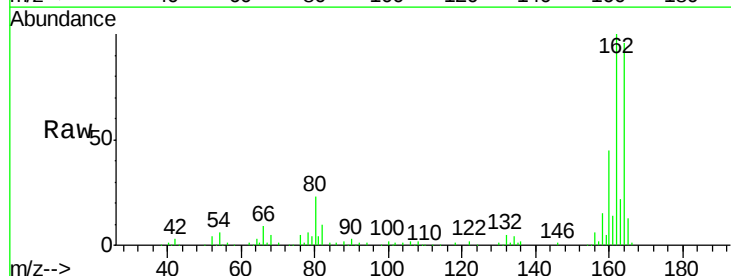


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

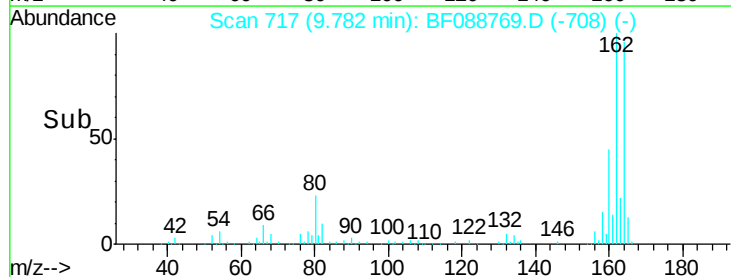
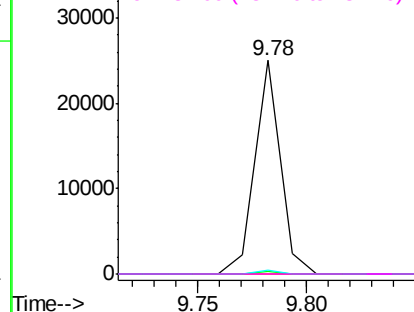


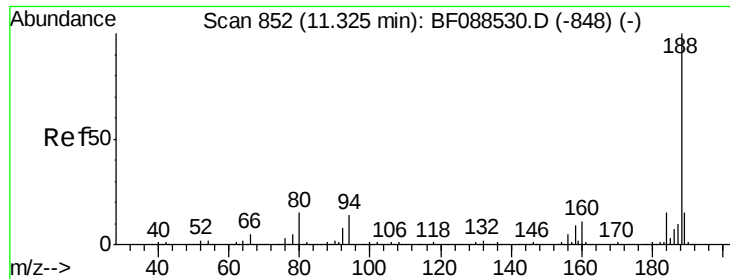
#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

Tgt Ion:165 Resp: 20399
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.9 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

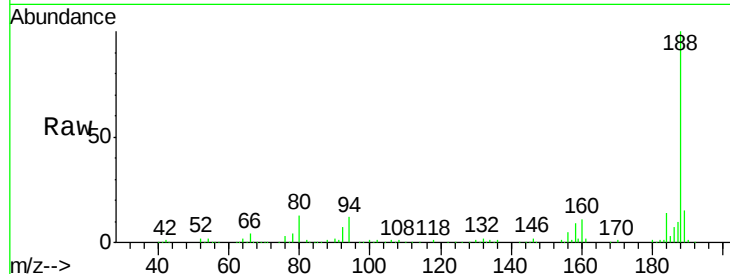




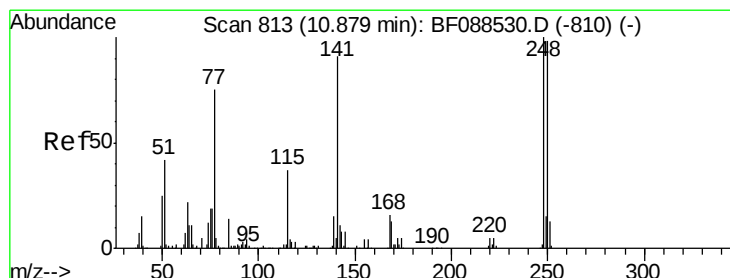
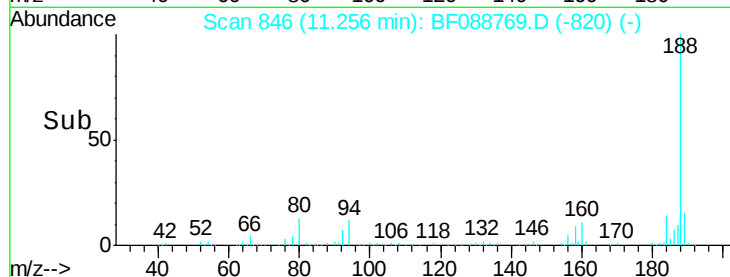
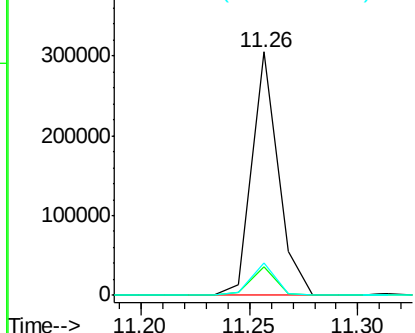
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:188 Resp: 256313
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.6
80 13.1 10.0 15.0

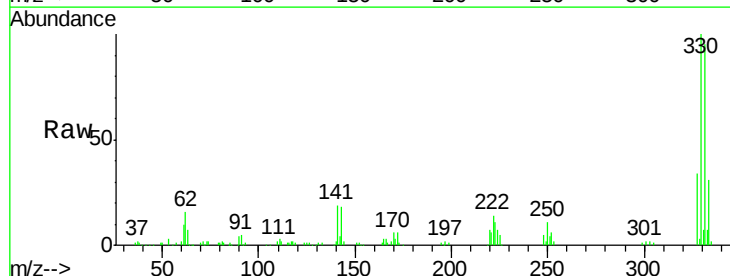


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

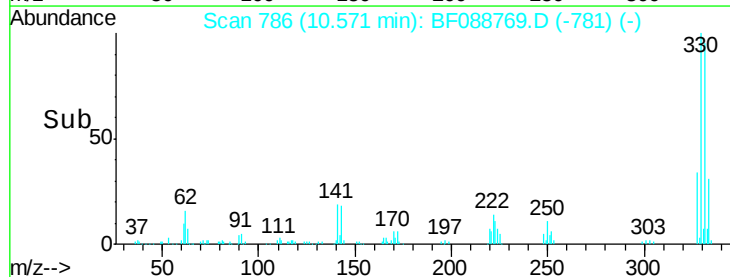
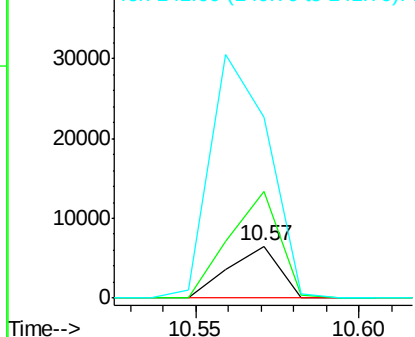


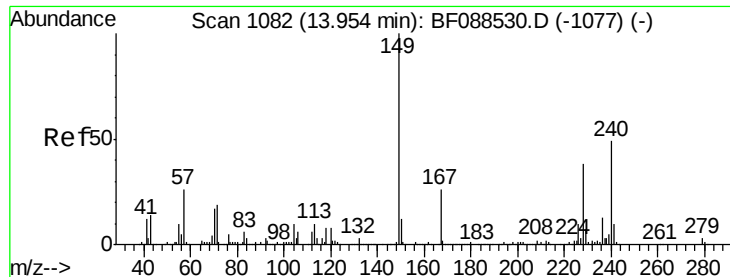
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

Tgt Ion:248 Resp: 6887
Ion Ratio Lower Upper
248 100
250 206.5 77.1 115.7#
141 350.1 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

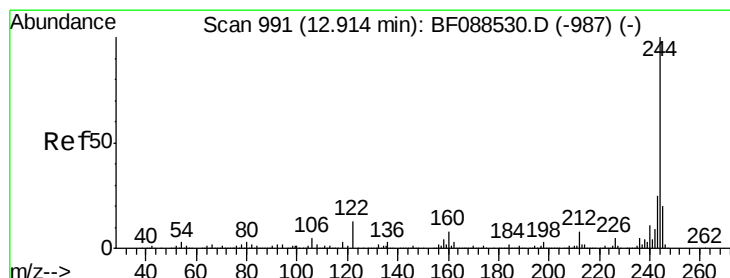
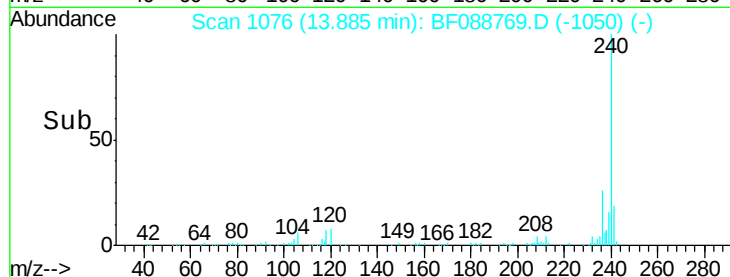
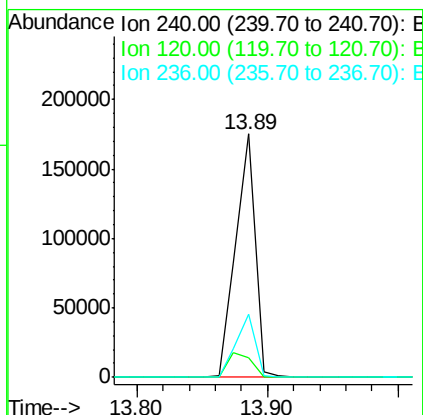
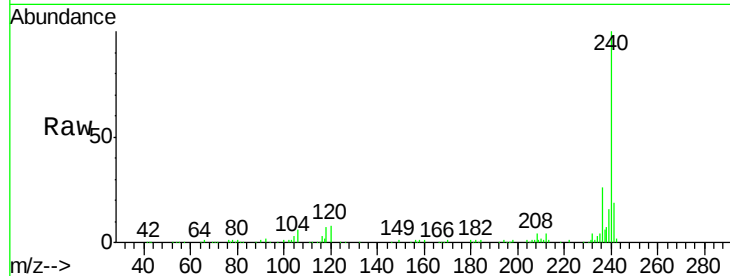




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

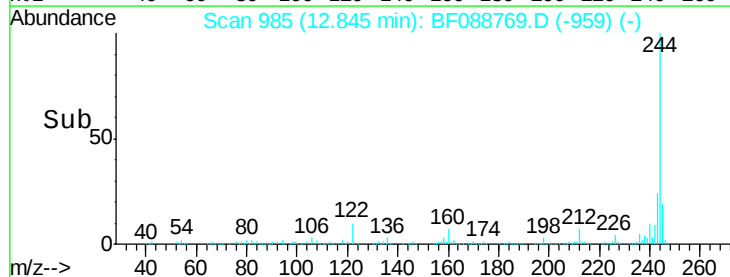
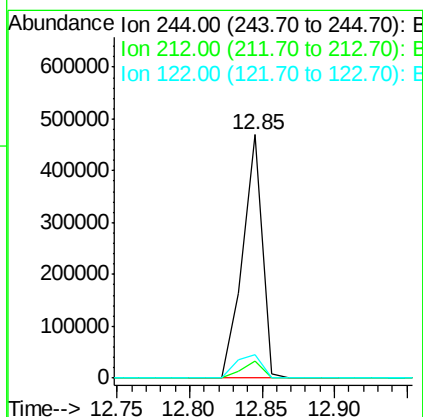
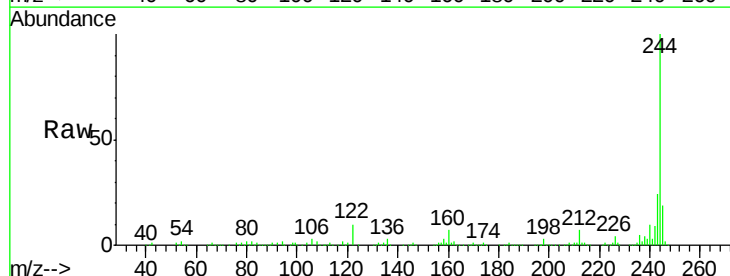
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

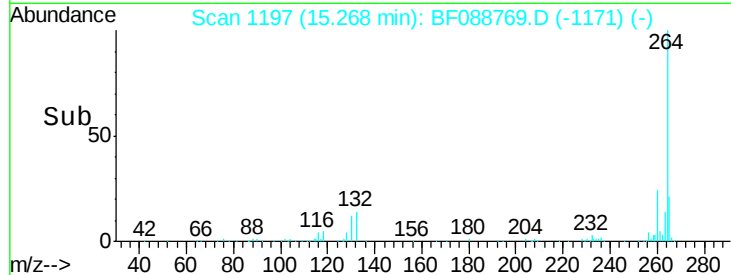
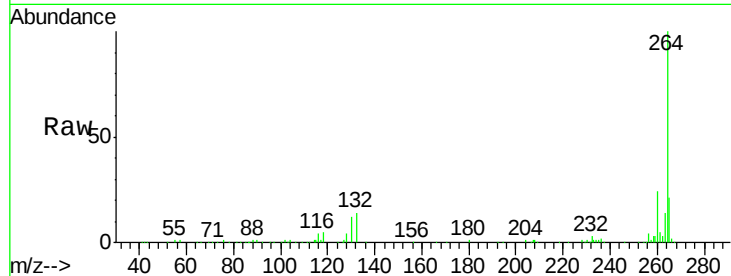
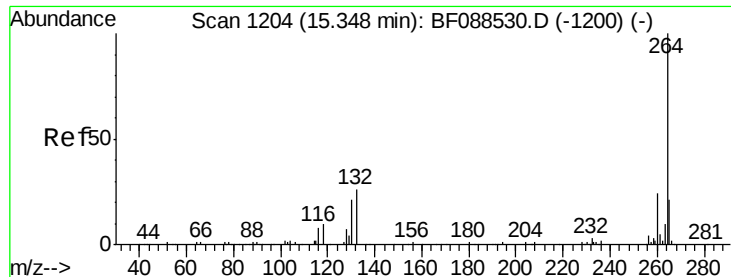
Tgt Ion:240 Resp: 181594
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.7 20.2 30.2



#78
Terphenyl-d14
Concen: 54.12 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

Tgt Ion:244 Resp: 441219
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.5 11.2 16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088769.D
Acq: 7 Jul 2016 8:11

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:	264	Resp:	176594
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

