

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
 Data File : BF088684.D
 Acq On : 4 Jul 2016 9:42
 Operator : UM/SJ
 Sample : H3849-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F11-B1(0-11)C

Quant Time: Jul 05 00:49:00 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

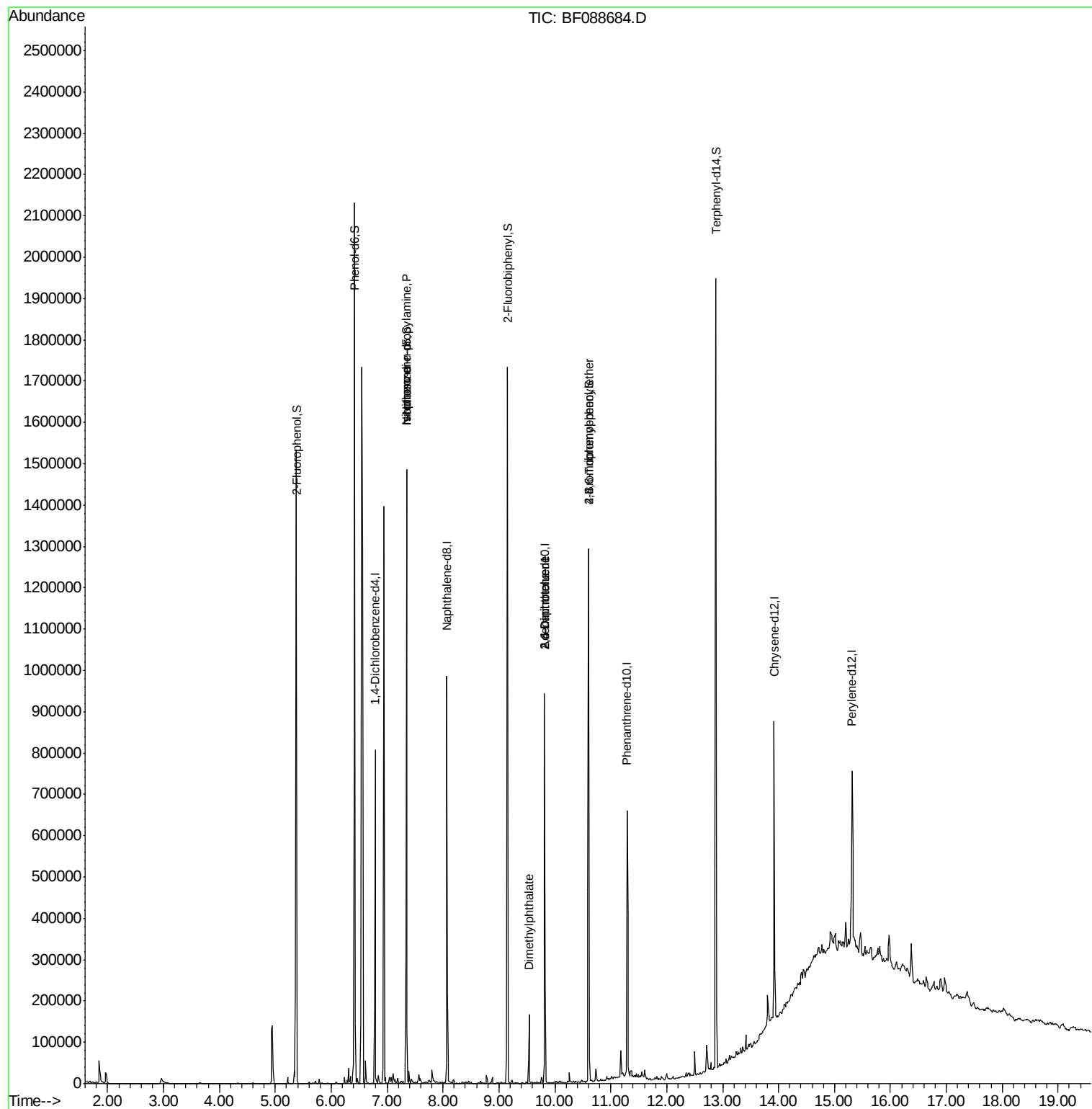
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115038	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	402033	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	172301	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	279943	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	215776	20.00	ng	-0.03
86) Perylene-d12	15.31	264	191118	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	628118	81.83	ng	-0.02
7) Phenol-d6	6.42	99	772121	77.85	ng	-0.02
23) Nitrobenzene-d5	7.35	82	466423	60.80	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	144508	90.32	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	819525	75.13	ng	-0.02
78) Terphenyl-d14	12.88	244	532441	54.96	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	63296	9.50	ng	# 73
25) Isophorone	7.35	82	392417	27.61	ng	# 65
49) Dimethylphthalate	9.54	163	71470	5.82	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	21764	8.00	ng	# 40
56) 2,4-Dinitrotoluene	9.82	165	21765	6.12	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	9914	3.51	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: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

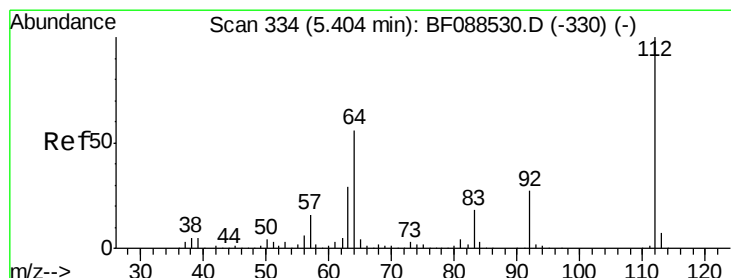
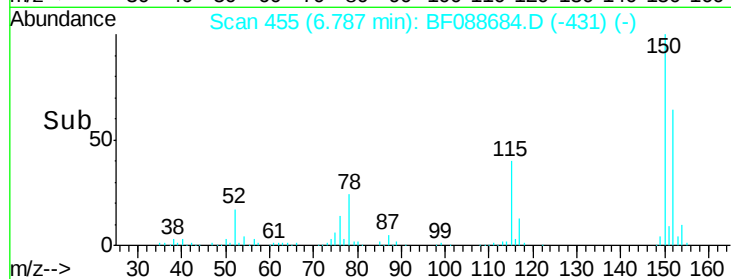
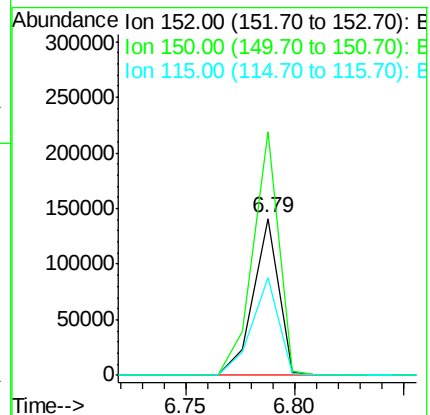
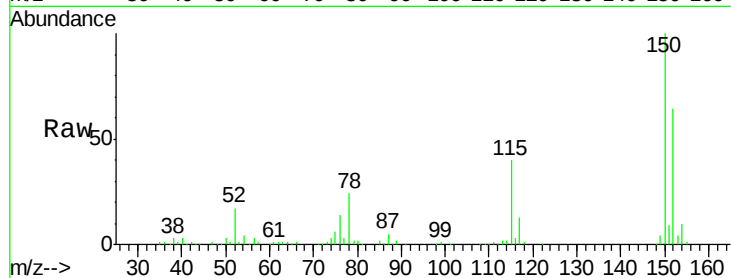
Tgt Ion:152 Resp: 115038

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

115 62.4 39.6 59.4#



#5

2-Fluorophenol

Concen: 81.83 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

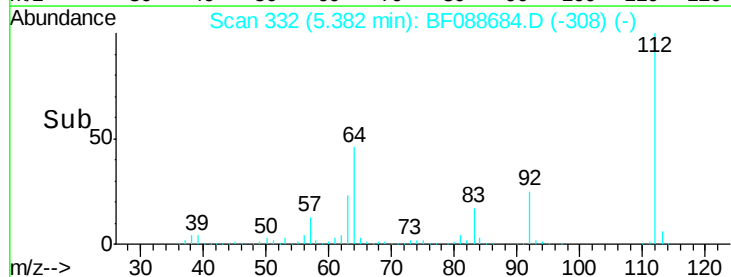
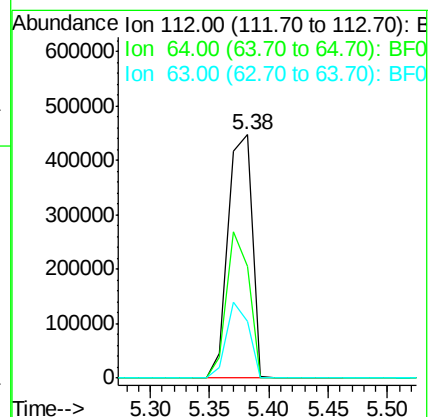
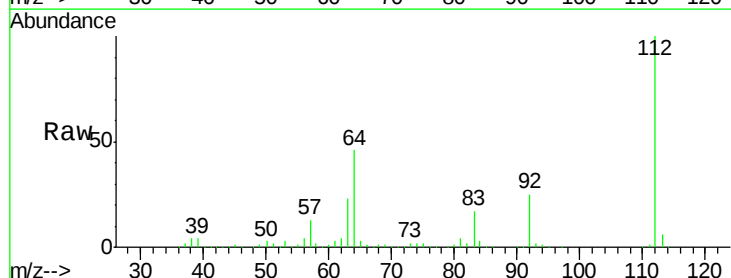
Tgt Ion:112 Resp: 628118

Ion Ratio Lower Upper

112 100

64 46.0 42.2 63.2

63 23.1 21.8 32.8





#7

Phenol-d6

Concen: 77.85 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

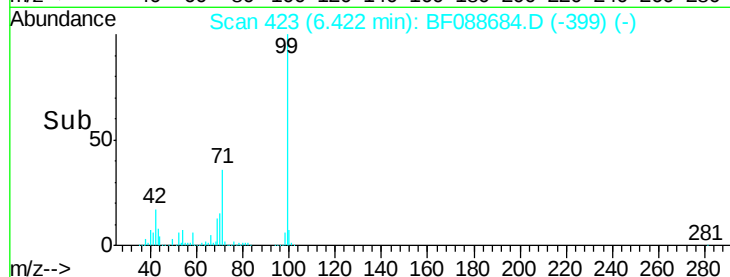
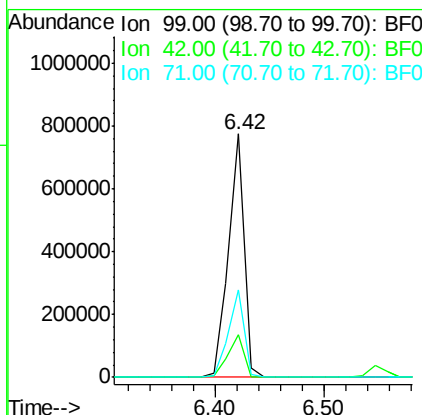
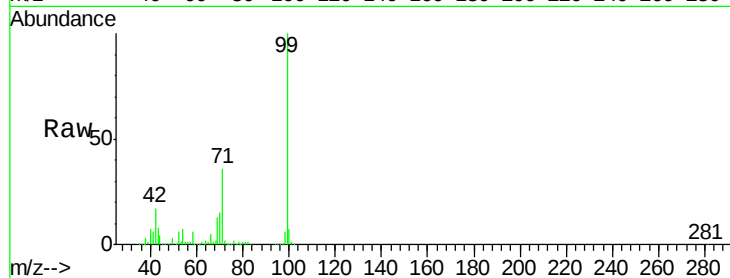
Tgt Ion: 99 Resp: 772121

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 35.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 9.50 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Tgt Ion: 70 Resp: 63296

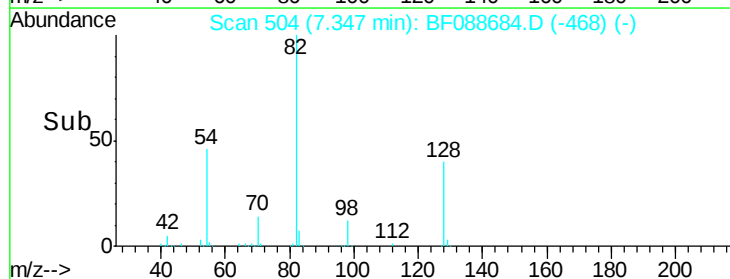
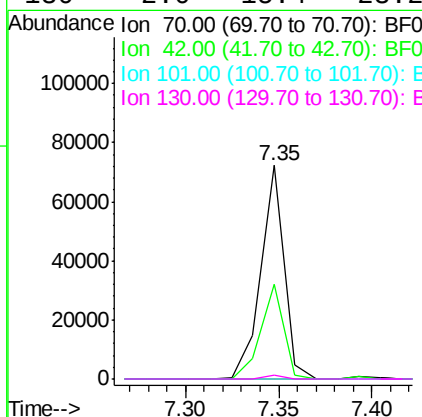
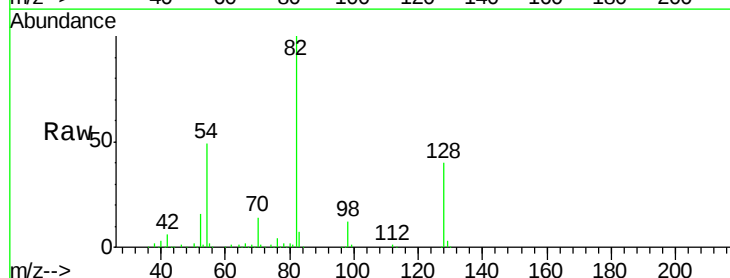
Ion Ratio Lower Upper

70 100

42 44.1 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: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

Tgt Ion:136 Resp: 402033

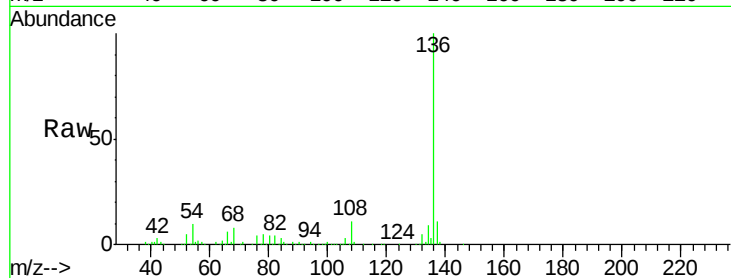
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.7 6.6 10.0

68 7.7 5.1 7.7#

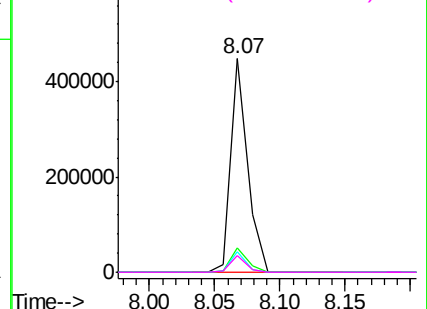
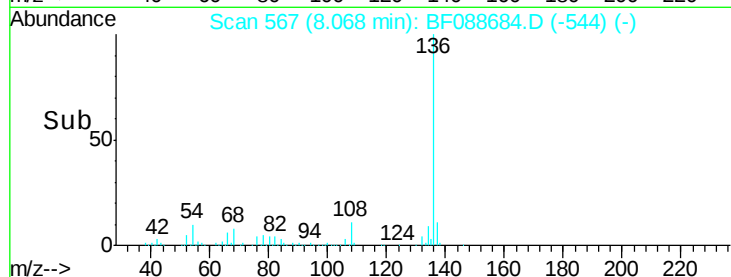


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.80 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

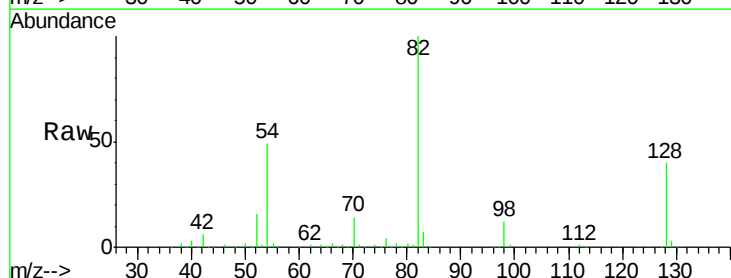
Tgt Ion: 82 Resp: 466423

Ion Ratio Lower Upper

82 100

128 40.1 35.9 53.9

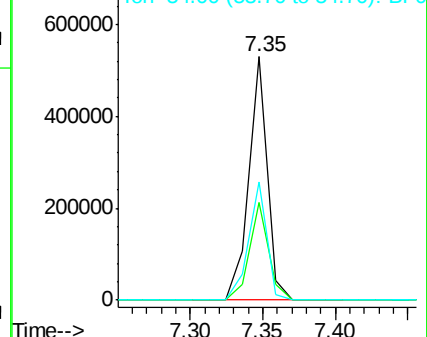
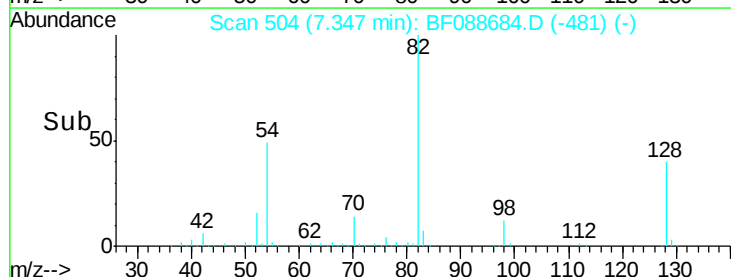
54 48.7 40.9 61.3

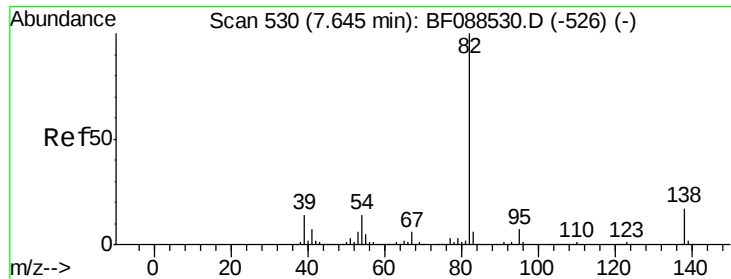


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.61 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.30 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

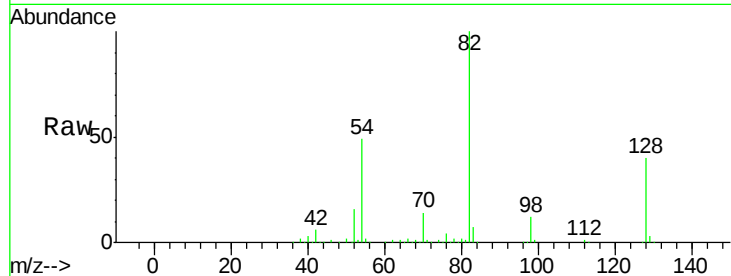
Tgt Ion: 82 Resp: 392417

Ion Ratio Lower Upper

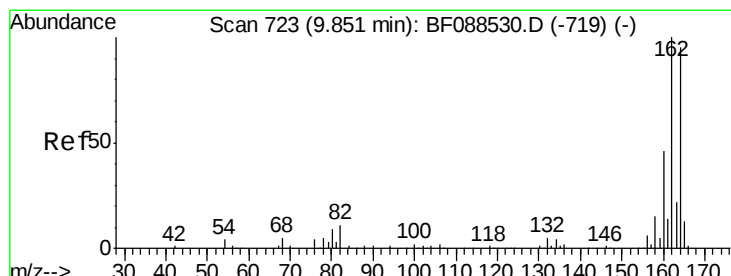
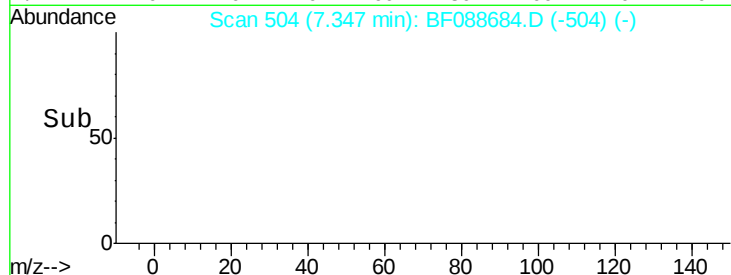
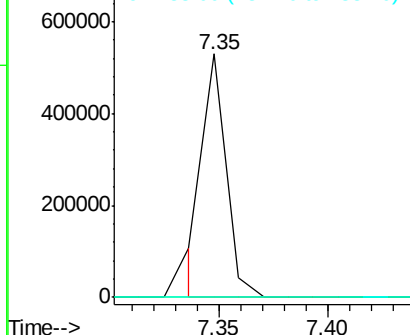
82 100

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: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

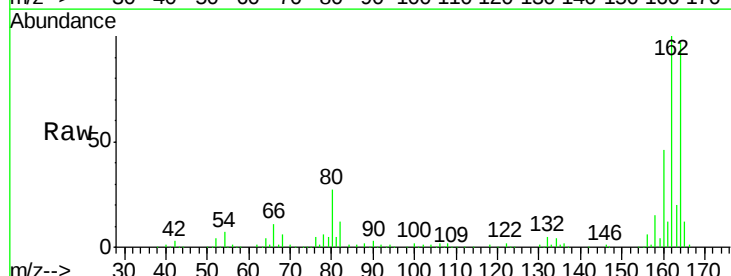
Tgt Ion: 164 Resp: 172301

Ion Ratio Lower Upper

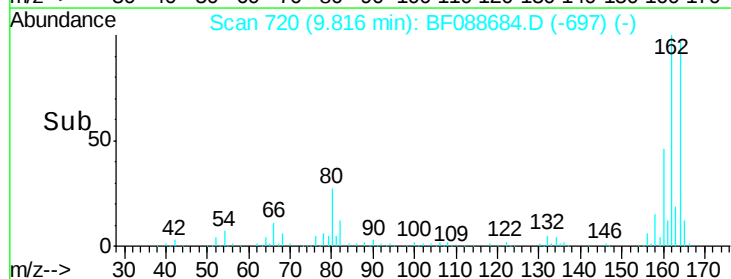
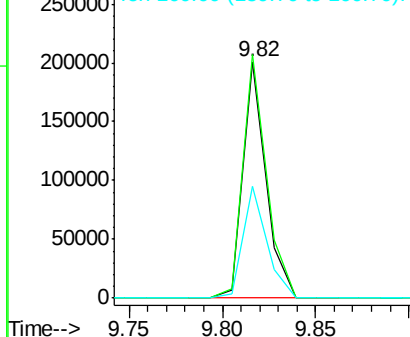
164 100

162 103.1 85.4 128.2

160 47.1 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

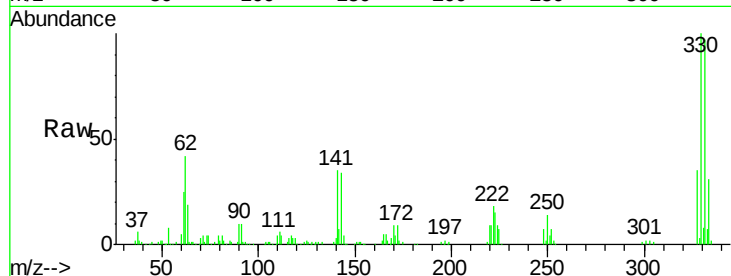




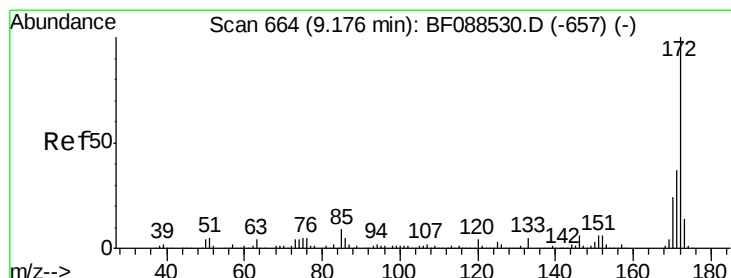
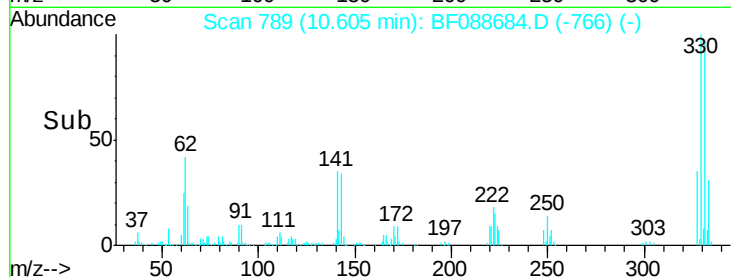
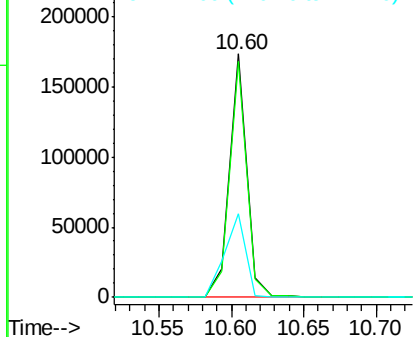
#41
 2,4,6-Tribromophenol
 Concen: 90.32 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088684.D
 Acq: 4 Jul 2016 9:42

Instrument :
 BNA_F
 ClientSampleId :
 F11-B1(0-11)C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.7	0.0	0.0#

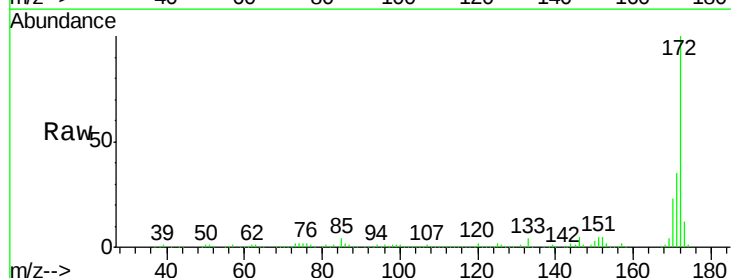


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

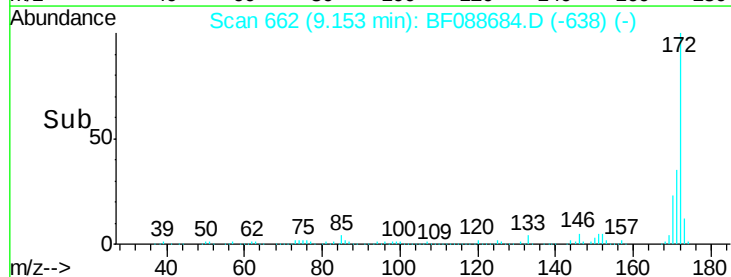
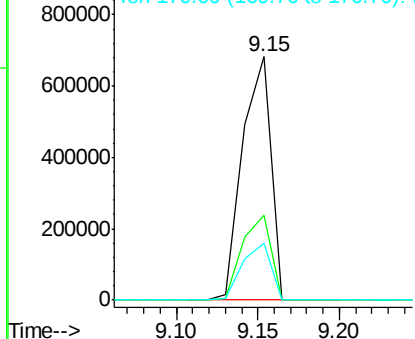


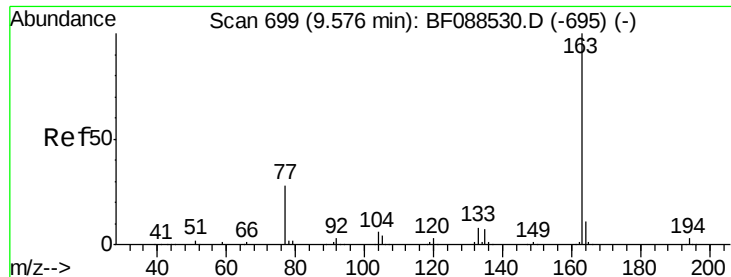
#44
 2-Fluorobiphenyl
 Concen: 75.13 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088684.D
 Acq: 4 Jul 2016 9:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.2	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

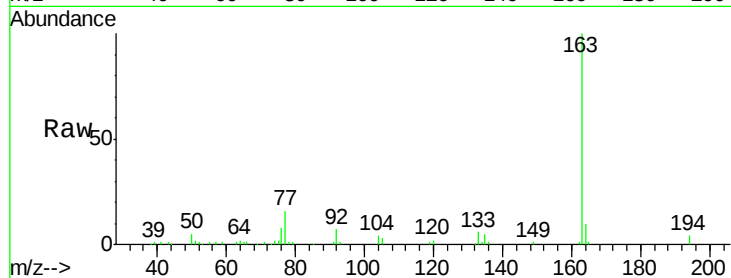




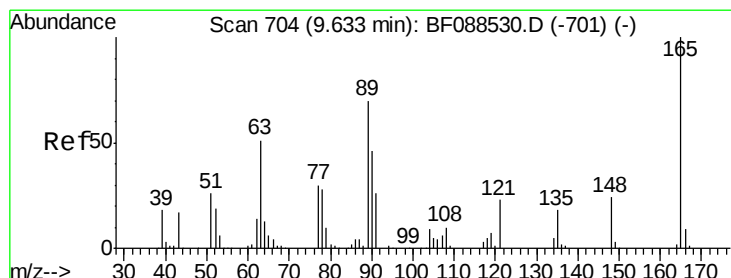
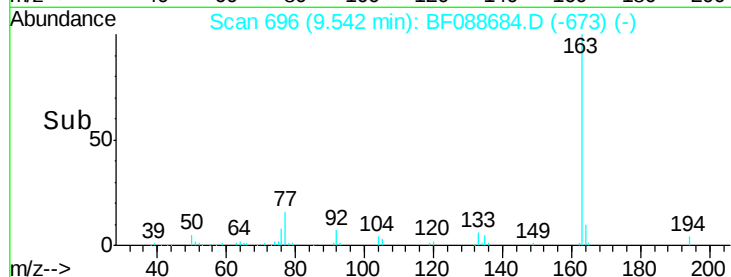
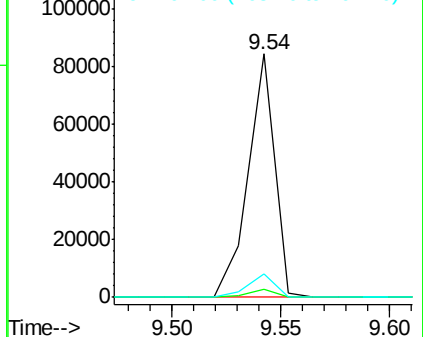
#49
Dimethylphthalate
Concen: 5.82 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Instrument :
BNA_F
ClientSampleId :
F11-B1(0-11)C

Tgt Ion:163 Resp: 71470
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.6 8.3 12.5

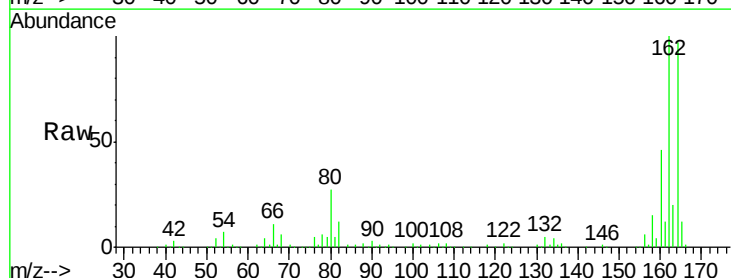


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

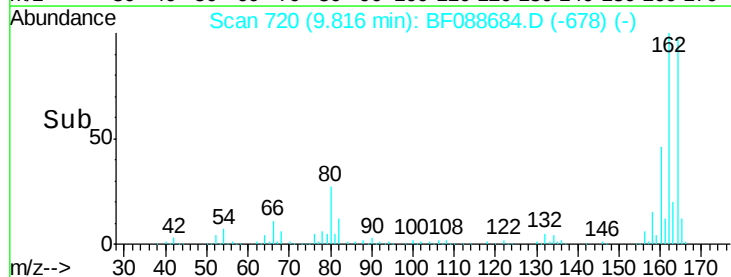
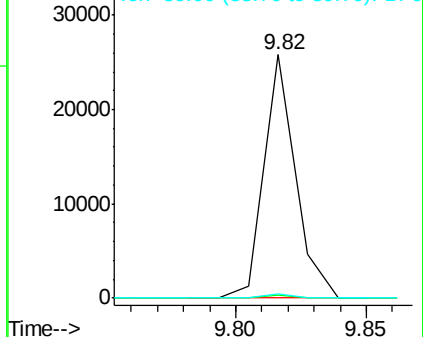


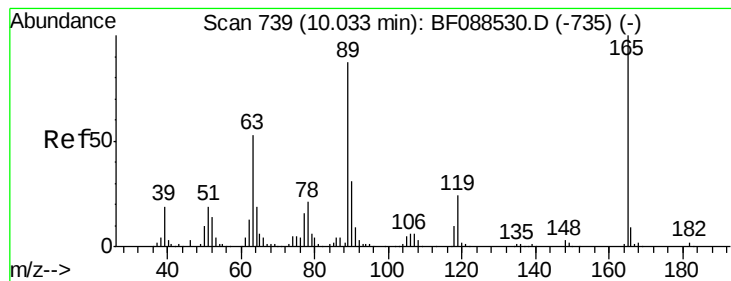
#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.18 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Tgt Ion:165 Resp: 21764
Ion Ratio Lower Upper
165 100
63 1.4 28.1 42.1#
89 1.6 32.2 48.2#



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





#56

2,4-Dinitrotoluene

Concen: 6.12 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

Tgt Ion:165 Resp: 21765

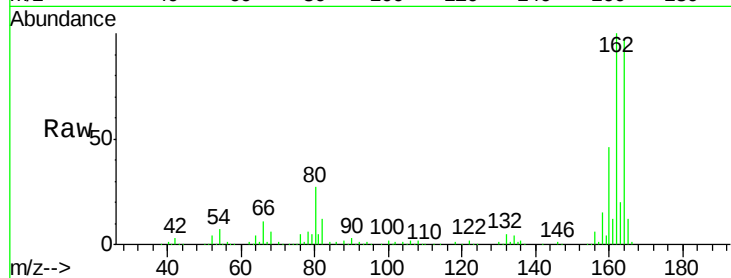
Ion Ratio Lower Upper

165 100

63 1.4 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

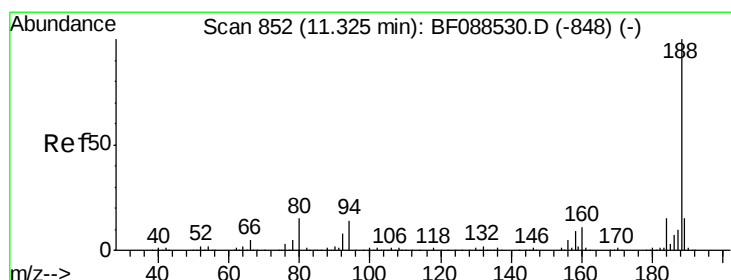
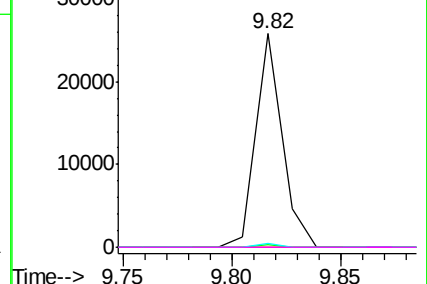
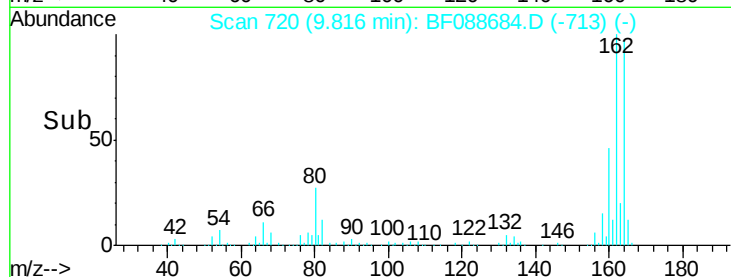


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088684.D

Acq: 4 Jul 2016 9:42

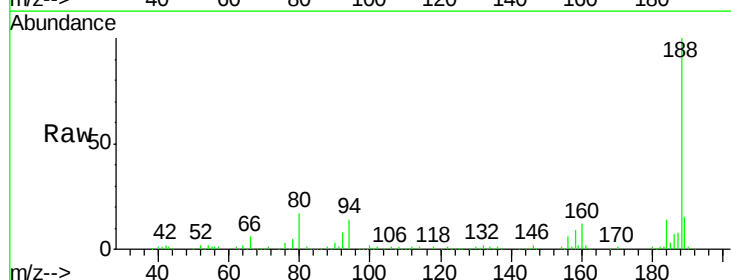
Tgt Ion:188 Resp: 279943

Ion Ratio Lower Upper

188 100

94 14.5 9.0 13.6#

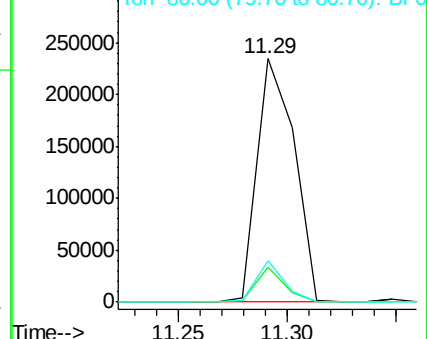
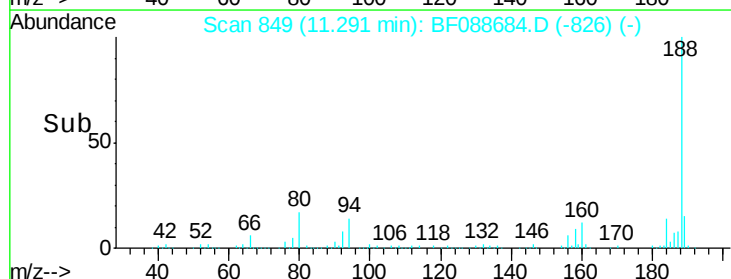
80 16.9 10.0 15.0#

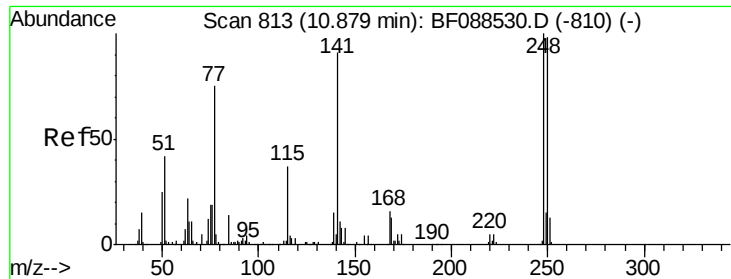


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

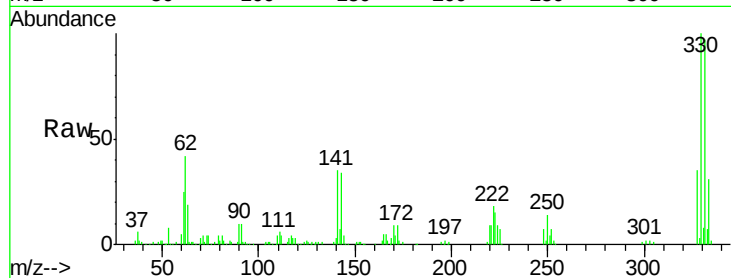




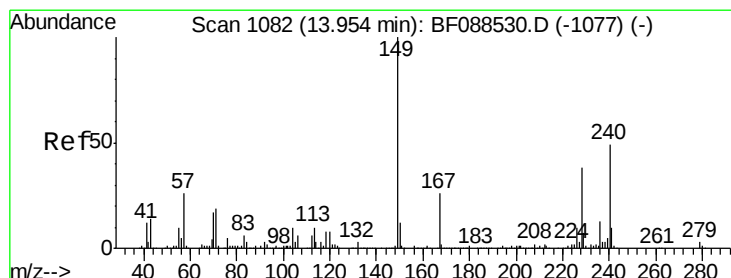
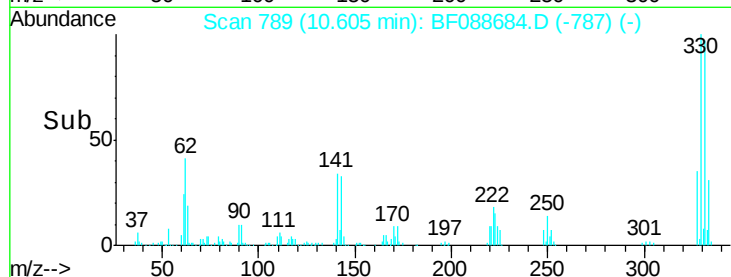
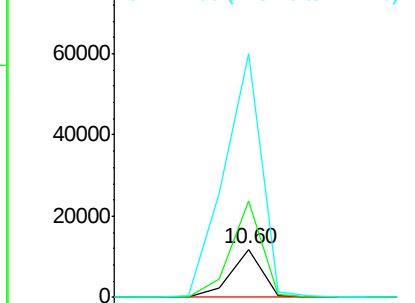
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Instrument :
BNA_F
ClientSampleId :
F11-B1(0-11)C

Tgt Ion:248 Resp: 9914
Ion Ratio Lower Upper
248 100
250 199.9 77.1 115.7#
141 507.5 50.6 76.0#

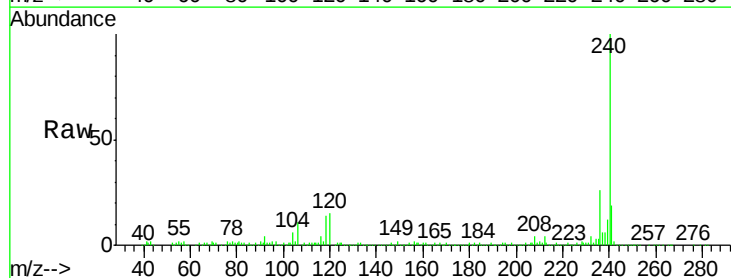


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

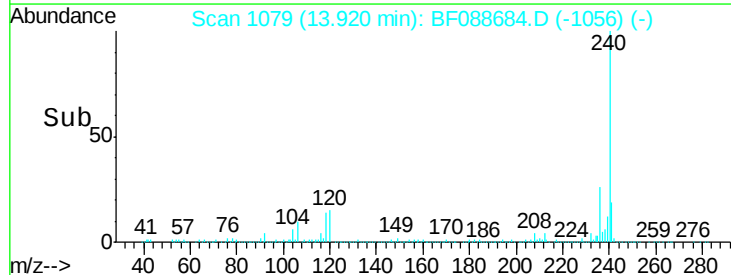
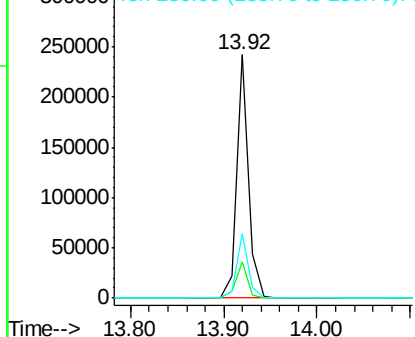


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Tgt Ion:240 Resp: 215776
Ion Ratio Lower Upper
240 100
120 14.7 6.8 10.2#
236 26.3 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

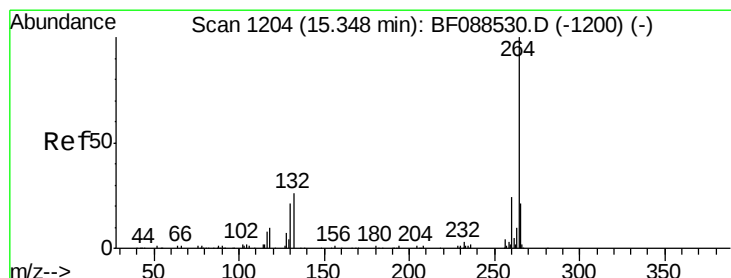
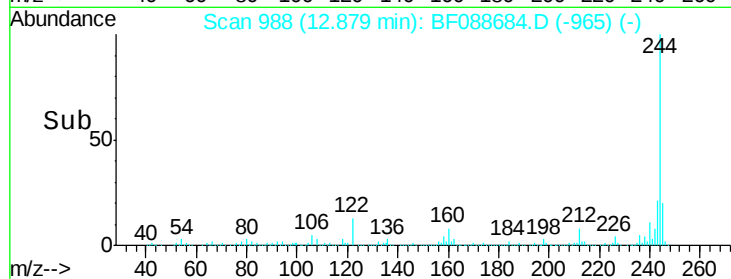
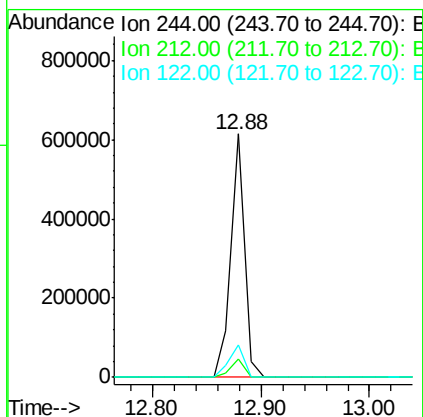
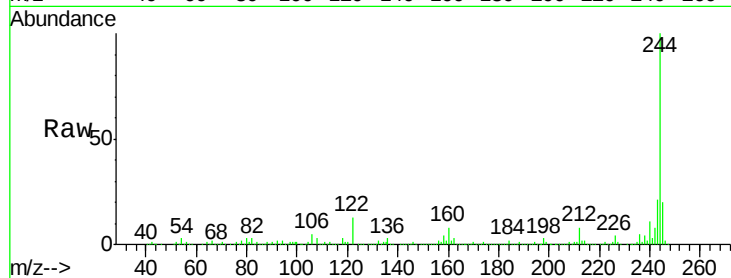




#78
 Terphenyl-d14
 Concen: 54.96 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088684.D
 Acq: 4 Jul 2016 9:42

Instrument :
 BNA_F
 ClientSampleId :
 F11-B1(0-11)C

Tgt Ion:244 Resp: 532441
 Ion Ratio Lower Upper
 244 100
 212 7.7 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: BF088684.D
 Acq: 4 Jul 2016 9:42

Tgt Ion:264 Resp: 191118
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 16.9 25.3

