

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088973.D
 Acq On : 13 Jul 2016 22:37
 Operator : UM/SJ
 Sample : H3946-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M8-B2(0-11)C

Quant Time: Jul 14 01:16:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

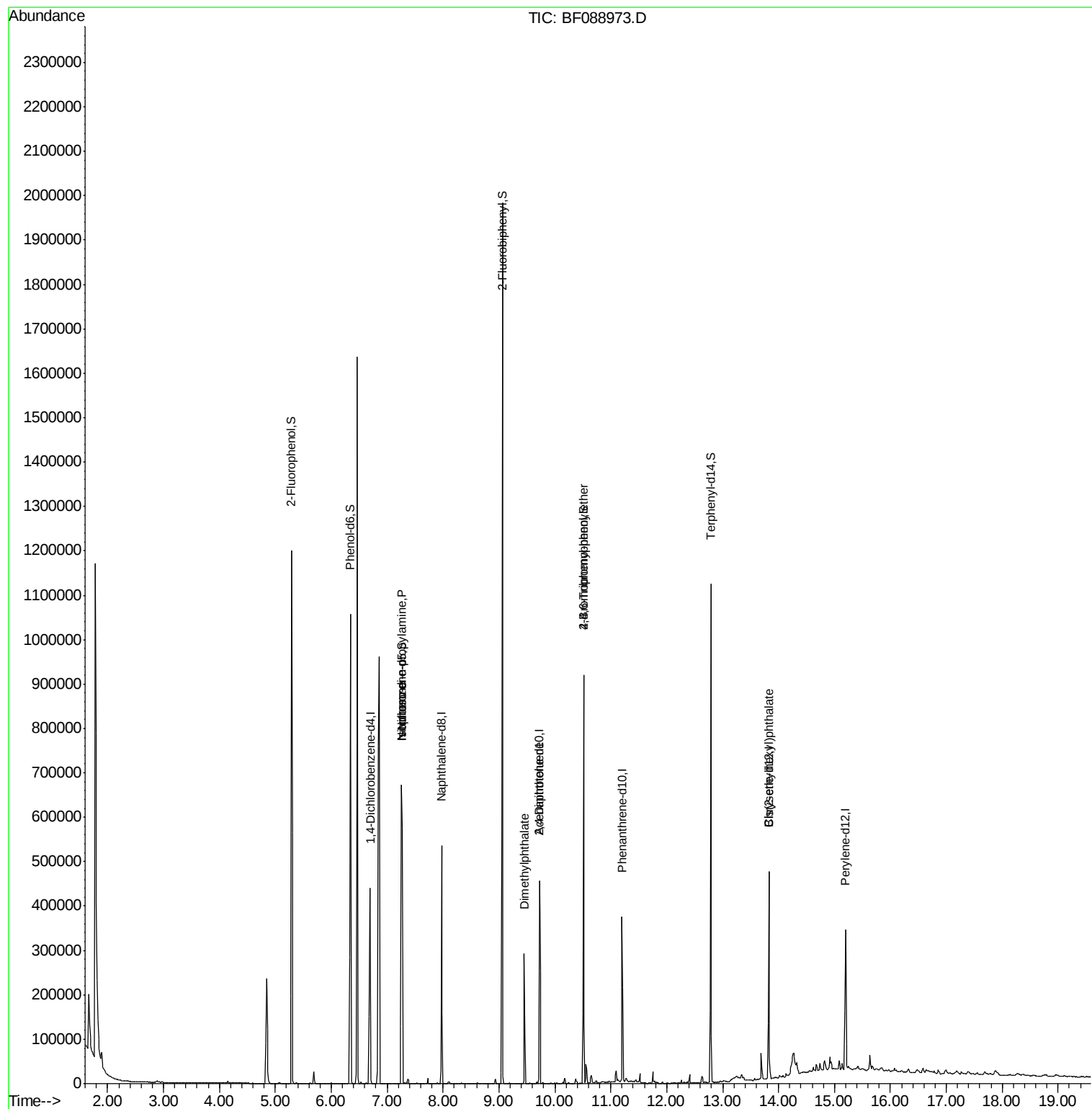
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	68639	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	244317	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	103595	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	158504	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	125586	20.00	ng	-0.02
86) Perylene-d12	15.20	264	126716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	399307	87.19	ng	0.00
7) Phenol-d6	6.34	99	550731	93.06	ng	-0.01
23) Nitrobenzene-d5	7.26	82	334381	71.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	93186	96.87	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	587750	89.62	ng	-0.01
78) Terphenyl-d14	12.79	244	297424	52.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	44320	11.15	ng	# 77
25) Isophorone	7.26	82	302319	35.01	ng	# 65
49) Dimethylphthalate	9.45	163	126372	17.12	ng	99
56) 2,4-Dinitrotoluene	9.72	165	13226	6.18	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	6473	4.05	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	20601	3.80	ng	99

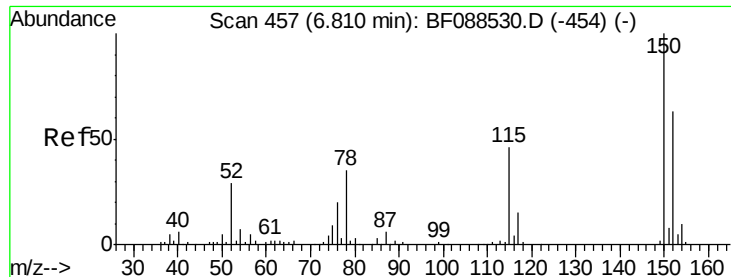
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

M8-B2(0-11)C

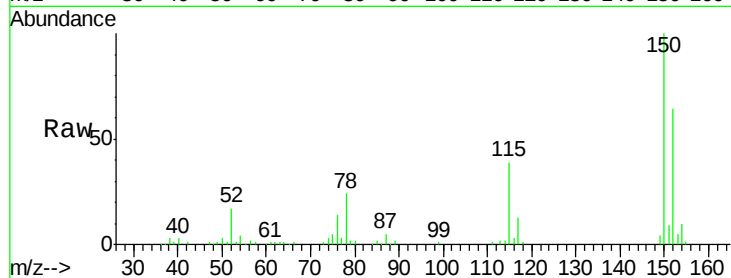
Tgt Ion:152 Resp: 68639

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

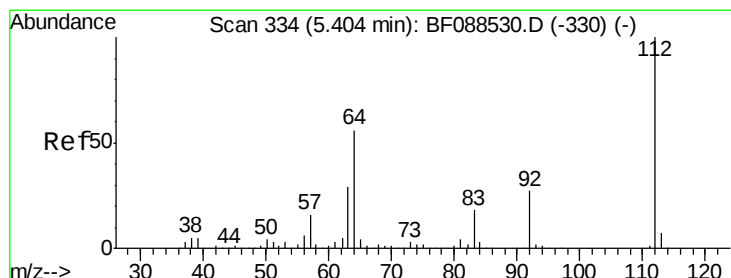
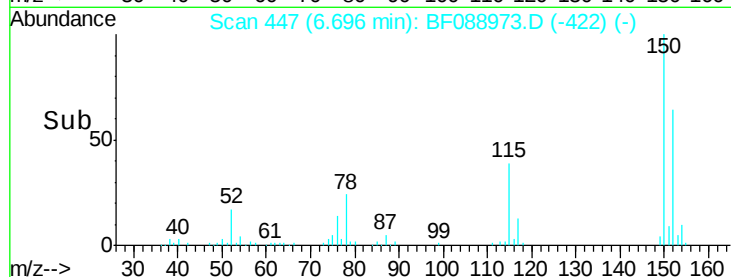
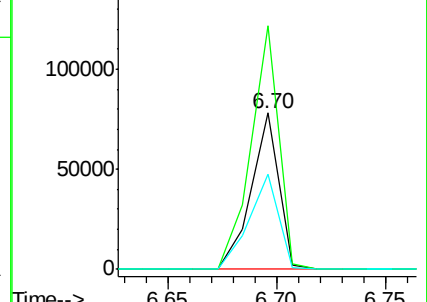
115 61.0 39.6 59.4#



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: 87.19 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

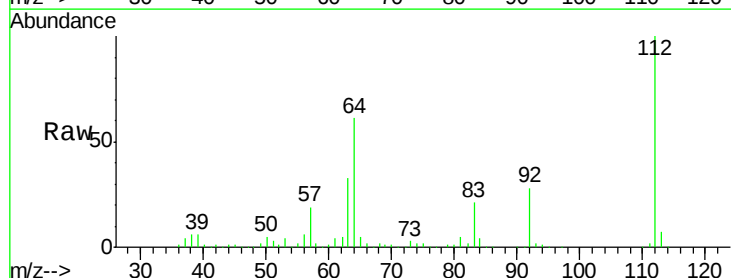
Tgt Ion:112 Resp: 399307

Ion Ratio Lower Upper

112 100

64 61.4 42.2 63.2

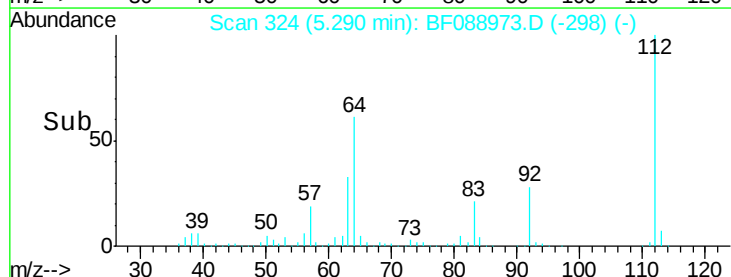
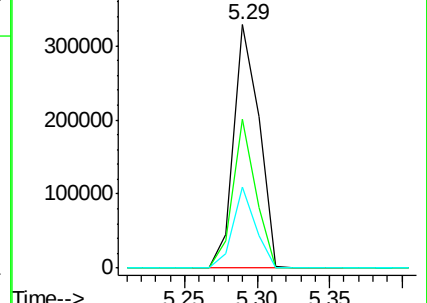
63 33.1 21.8 32.8#

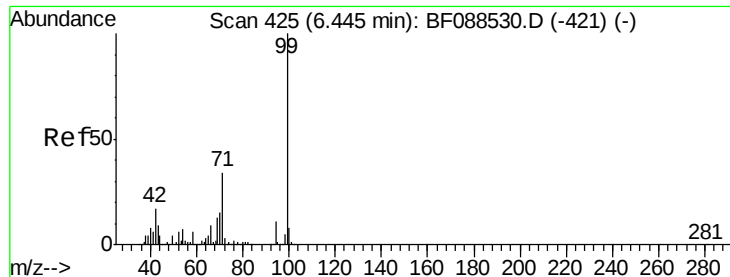


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

M8-B2(0-11)C

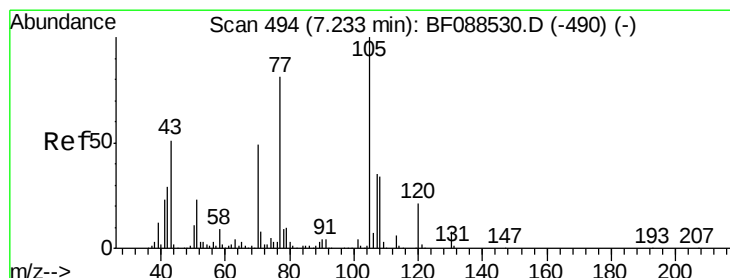
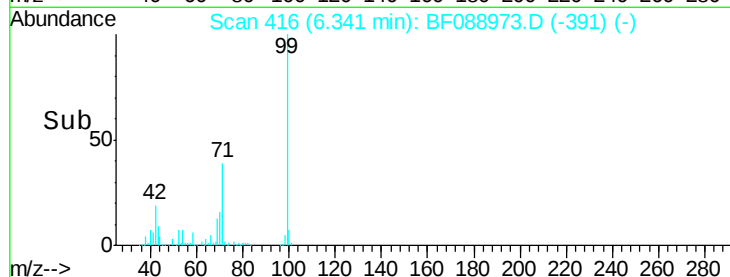
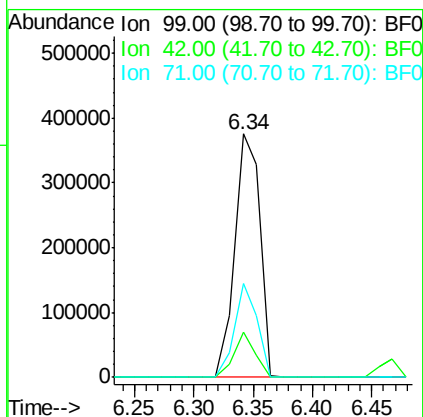
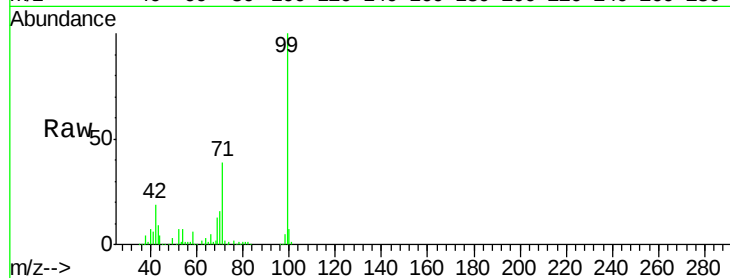
Tgt Ion: 99 Resp: 550731

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

71 38.5 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.15 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Tgt Ion: 70 Resp: 44320

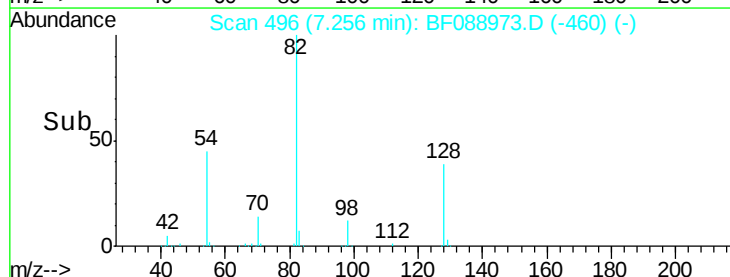
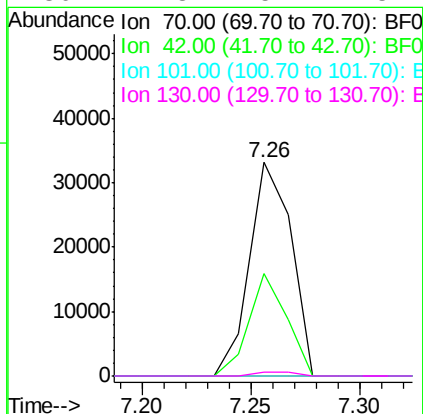
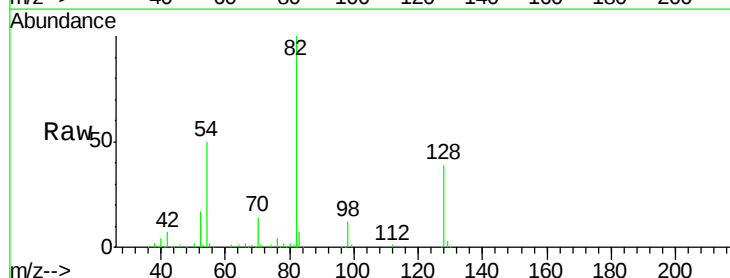
Ion Ratio Lower Upper

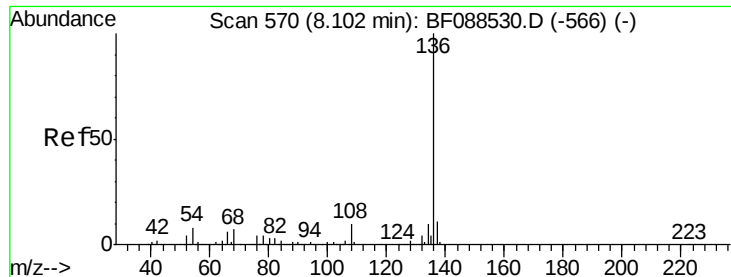
70 100

42 47.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

M8-B2(0-11)C

Tgt Ion:136 Resp: 244317

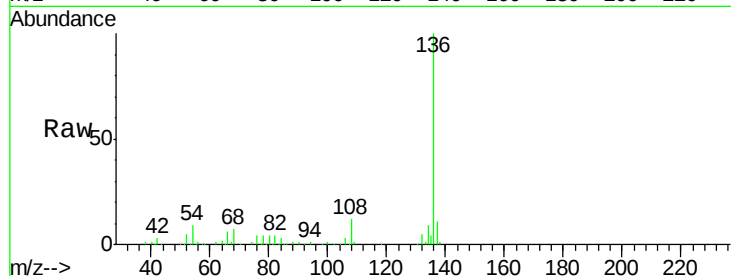
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 6.6 10.0

68 6.6 5.1 7.7

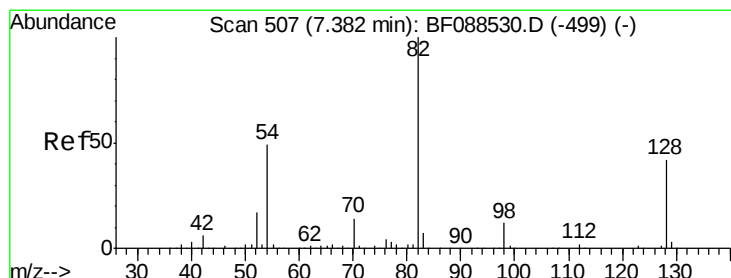
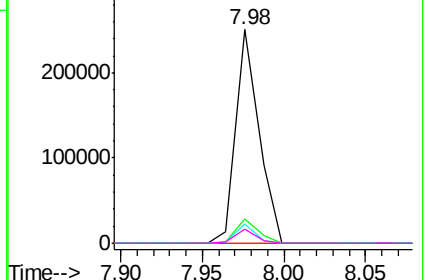
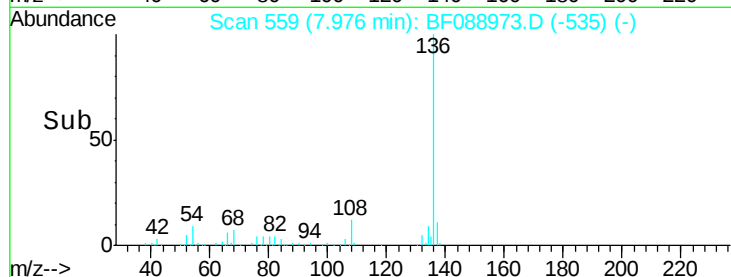


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.72 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

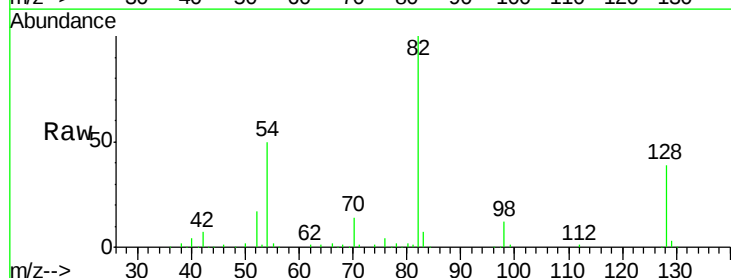
Tgt Ion: 82 Resp: 334381

Ion Ratio Lower Upper

82 100

128 39.4 35.9 53.9

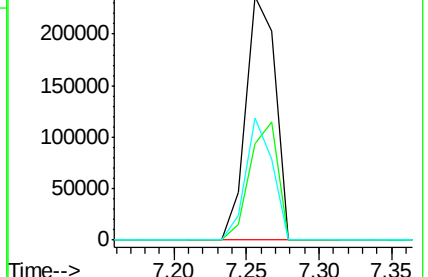
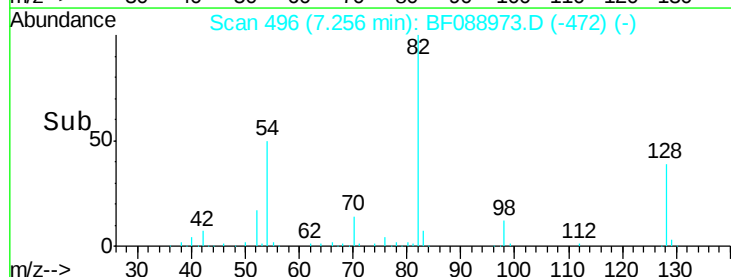
54 50.3 40.9 61.3

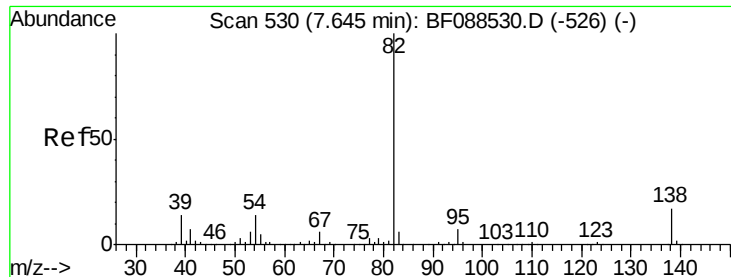


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.01 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

M8-B2(0-11)C

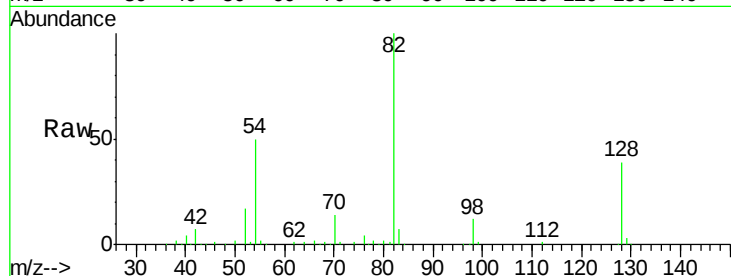
Tgt Ion: 82 Resp: 302319

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

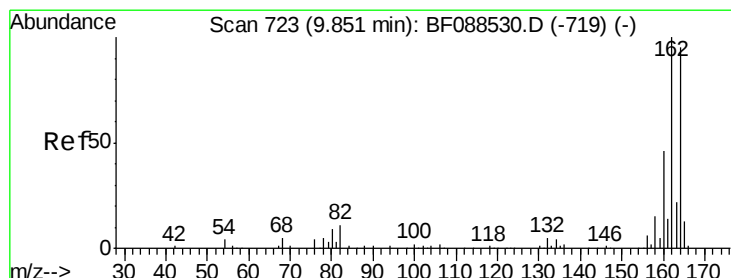
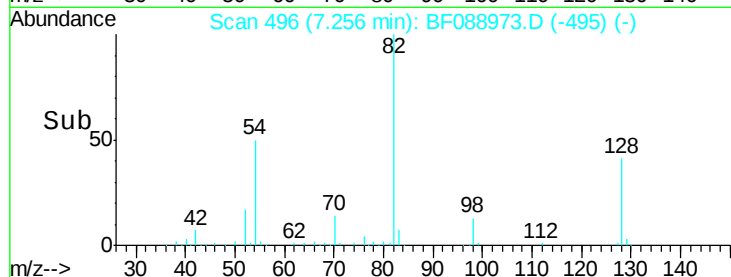
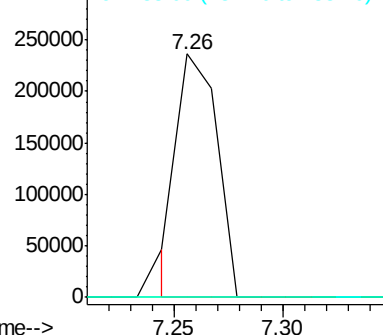
138 0.0 14.6 21.8#



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: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

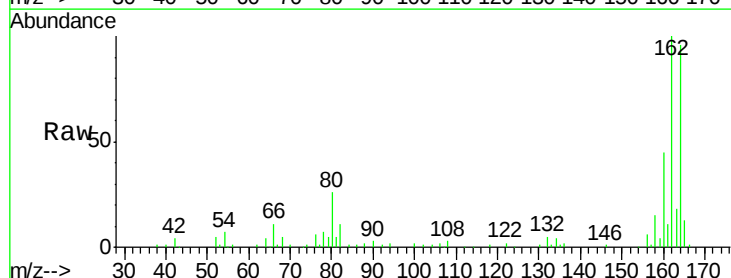
Tgt Ion: 164 Resp: 103595

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

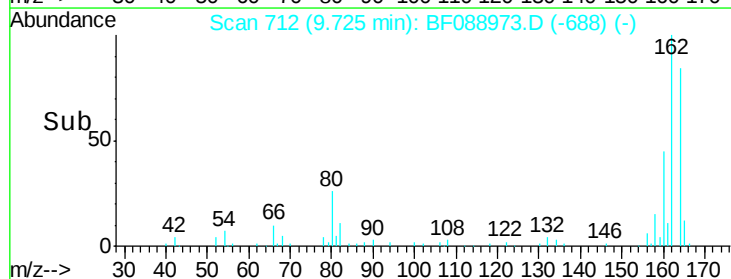
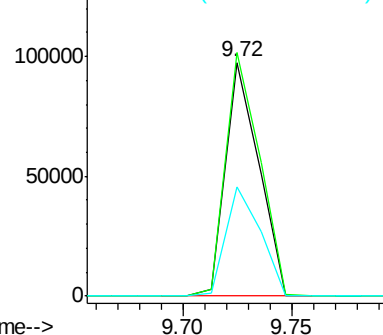
160 46.5 39.5 59.3

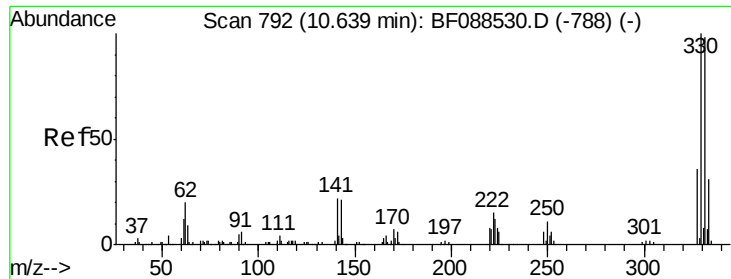


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

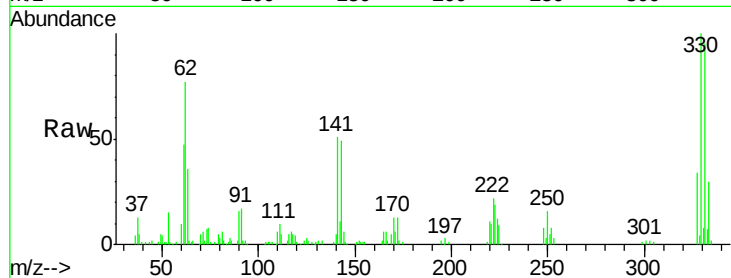




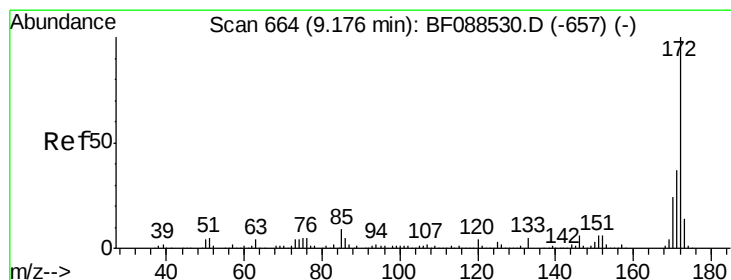
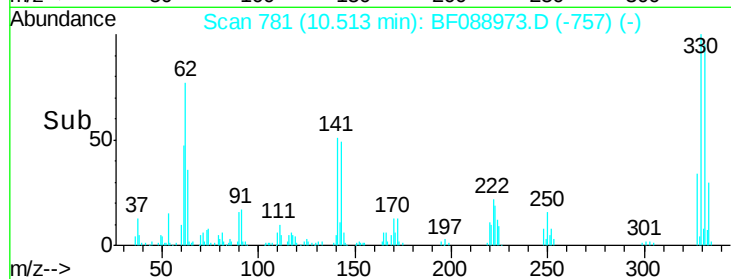
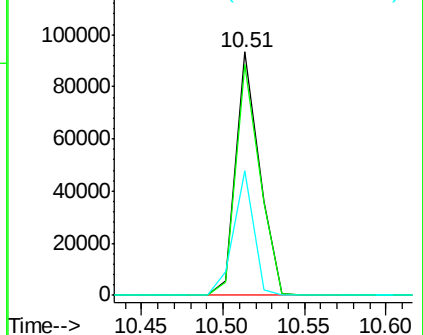
#41
 2,4,6-Tribromophenol
 Concen: 96.87 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088973.D
 Acq: 13 Jul 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 M8-B2(0-11)C

Tgt Ion:330 Resp: 93186
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 43.5 0.0 0.0#

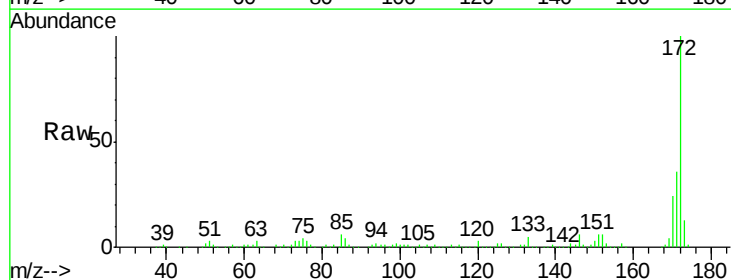


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

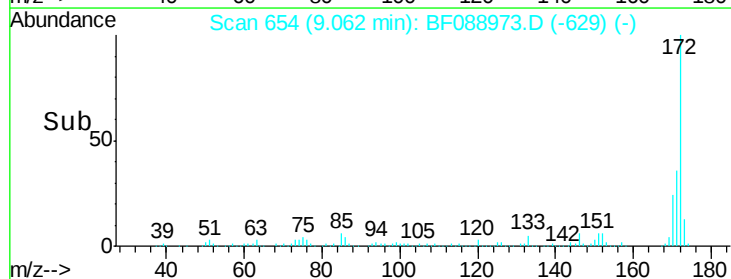
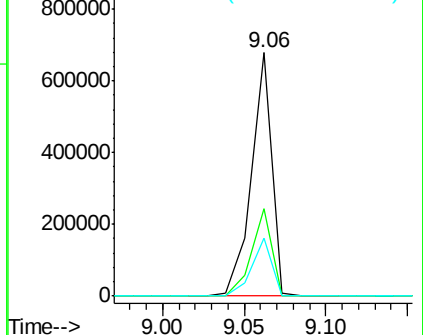


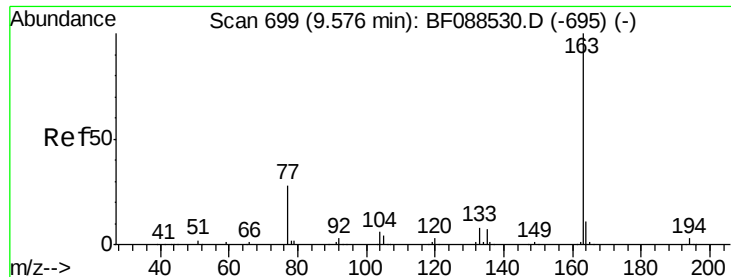
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088973.D
 Acq: 13 Jul 2016 22:37

Tgt Ion:172 Resp: 587750
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.7 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: 17.12 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

M8-B2(0-11)C

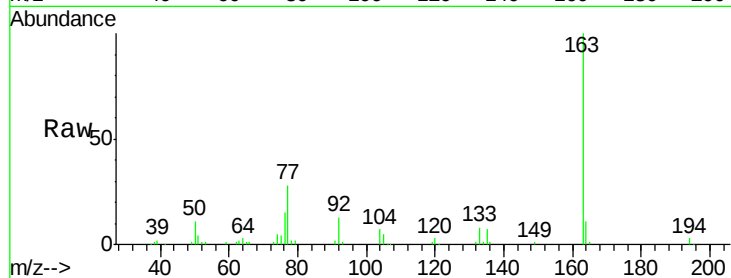
Tgt Ion:163 Resp: 126372

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

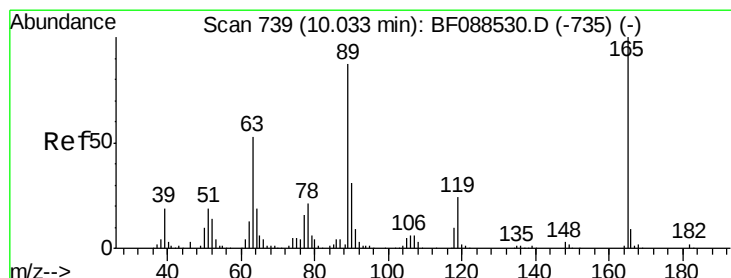
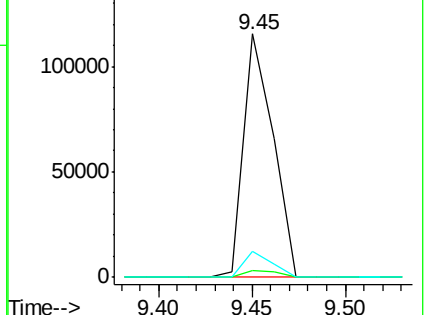
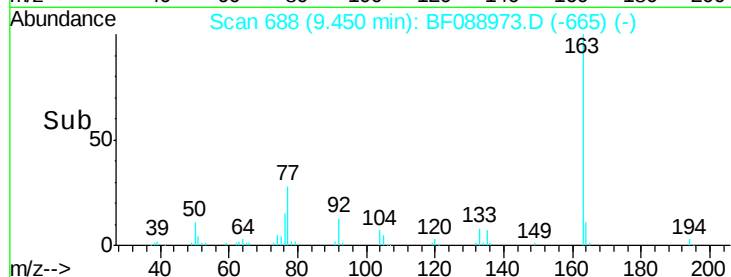
164 10.7 8.3 12.5



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: 6.18 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088973.D

Acq: 13 Jul 2016 22:37

Tgt Ion:165 Resp: 13226

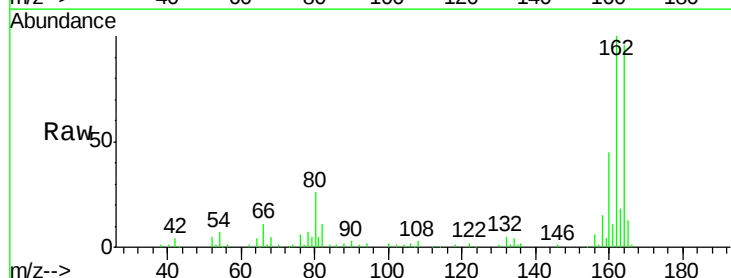
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

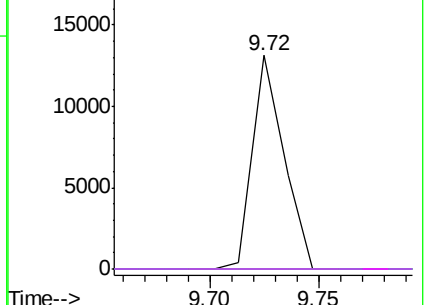
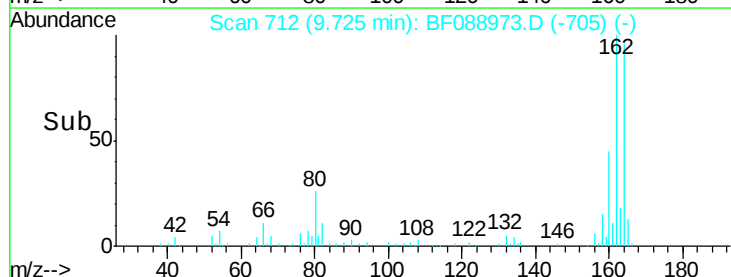


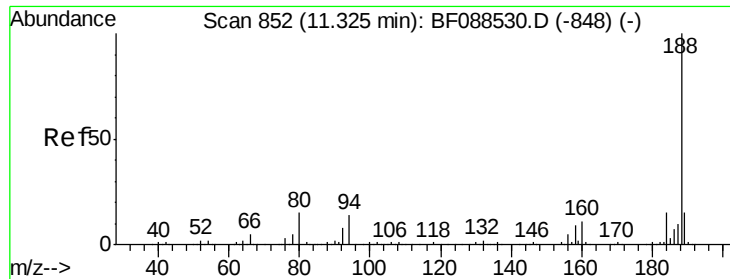
Abundance Ion 165.00 (164.70 to 165.70): E

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

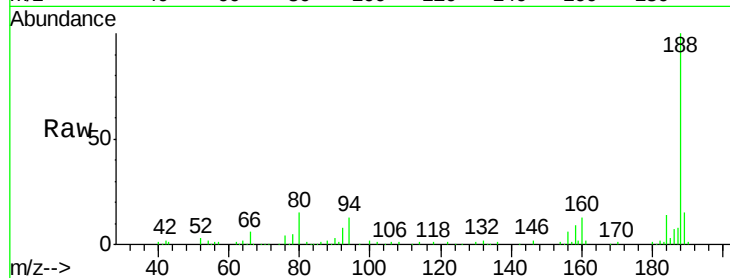




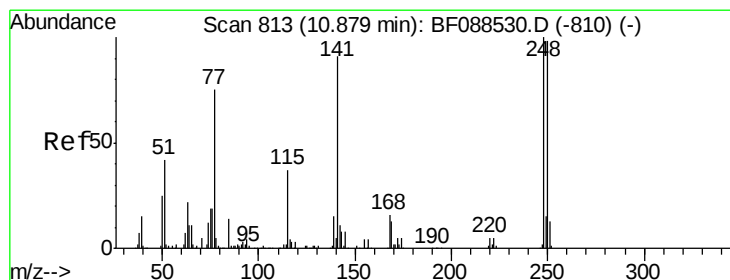
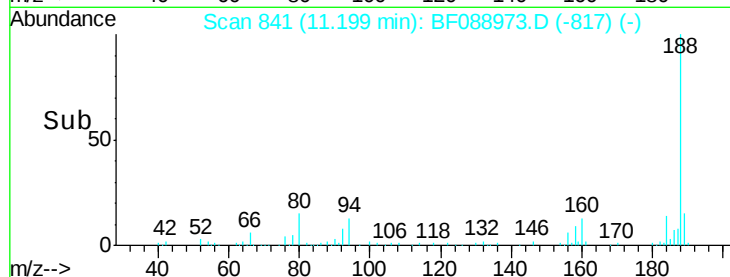
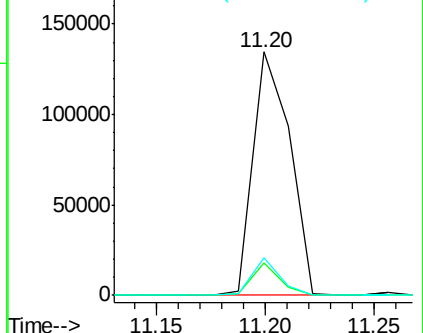
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF088973.D
 Acq: 13 Jul 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 M8-B2(0-11)C

Tgt Ion:188 Resp: 158504
 Ion Ratio Lower Upper
 188 100
 94 13.5 9.0 13.6
 80 15.3 10.0 15.0#

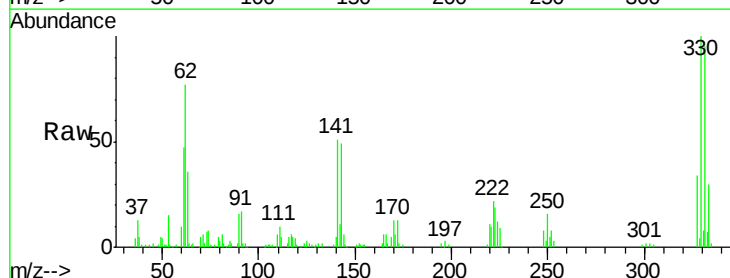


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

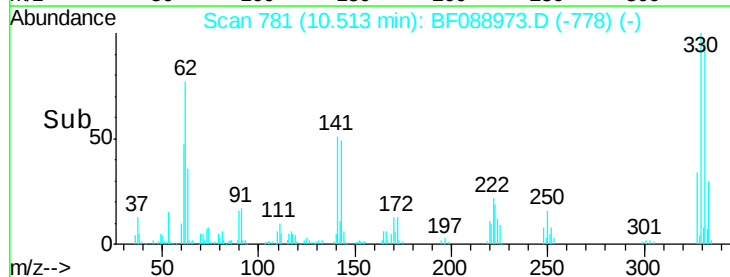
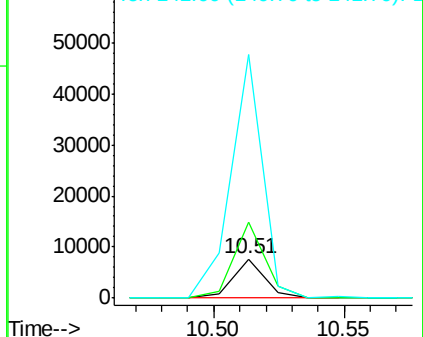


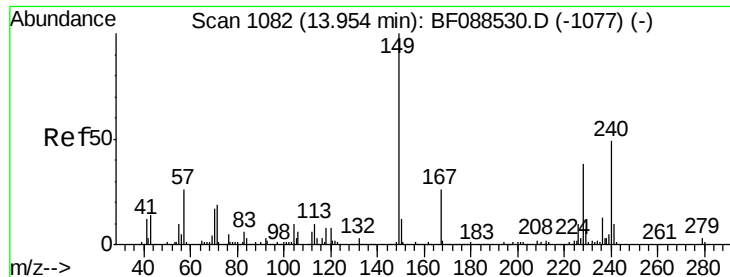
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.26 min
 Lab File: BF088973.D
 Acq: 13 Jul 2016 22:37

Tgt Ion:248 Resp: 6473
 Ion Ratio Lower Upper
 248 100
 250 194.7 77.1 115.7#
 141 627.0 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

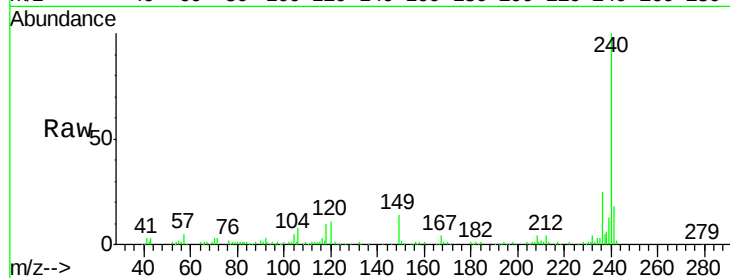




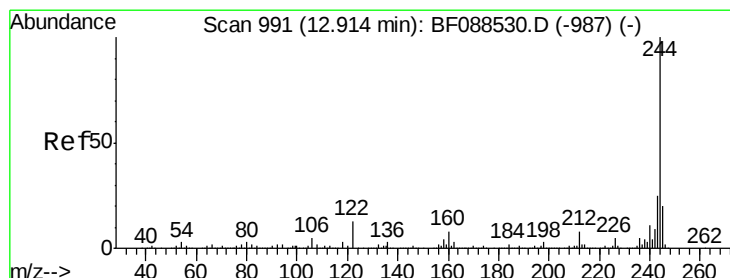
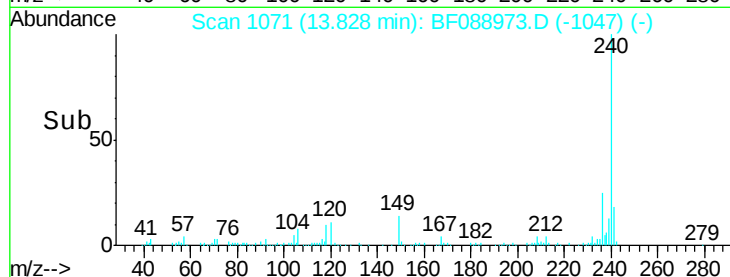
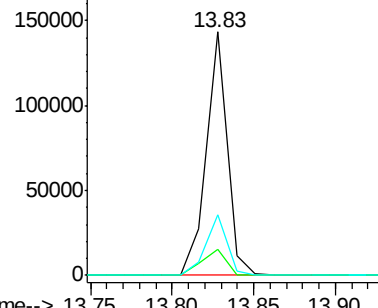
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088973.D
Acq: 13 Jul 2016 22:37

Instrument :
BNA_F
ClientSampleId :
M8-B2(0-11)C

Tgt Ion:240 Resp: 125586
Ion Ratio Lower Upper
240 100
120 10.8 6.8 10.2#
236 24.8 20.2 30.2

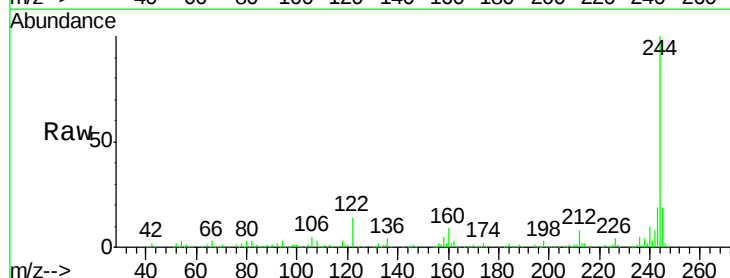


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

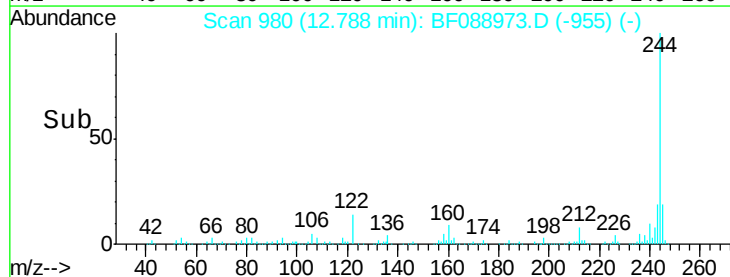
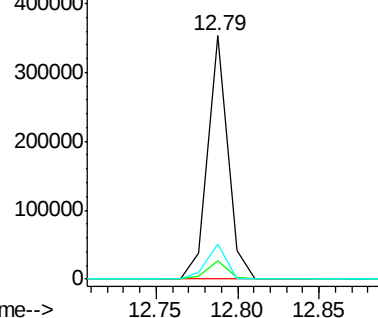


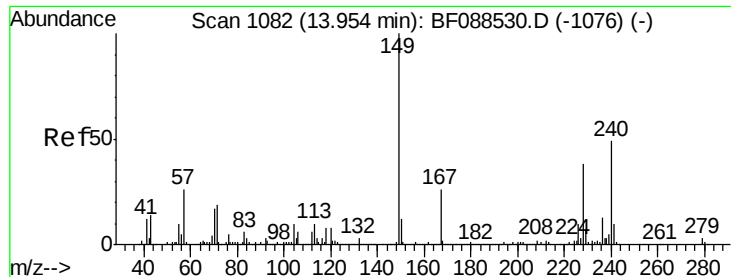
#78
Terphenyl-d14
Concen: 52.75 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088973.D
Acq: 13 Jul 2016 22:37

Tgt Ion:244 Resp: 297424
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 14.3 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

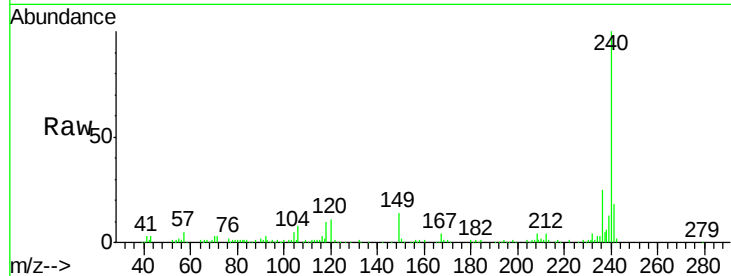




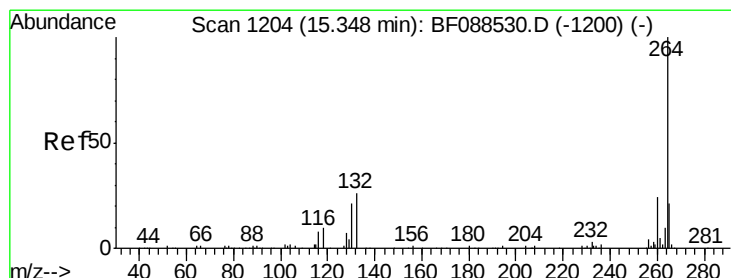
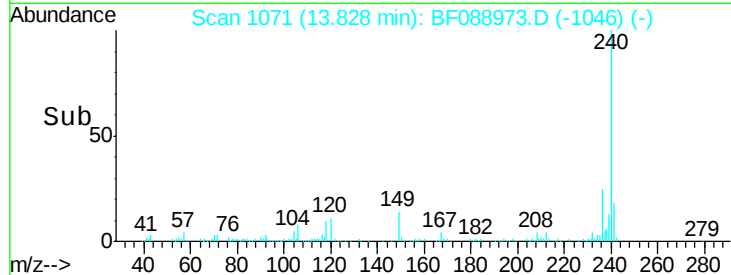
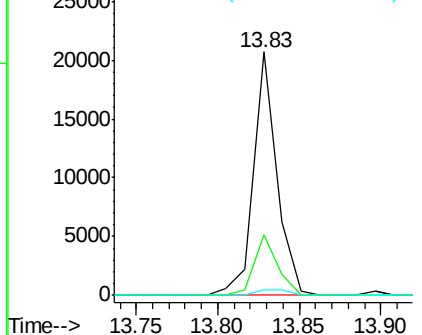
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.80 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088973.D
 Acq: 13 Jul 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 M8-B2(0-11)C

Tgt Ion:149 Resp: 20601
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.5 30.7
 279 2.3 2.0 3.0

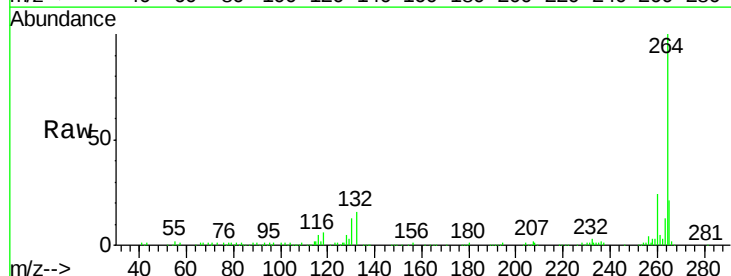


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF088973.D
 Acq: 13 Jul 2016 22:37

Tgt Ion:264 Resp: 126716
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

