

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088978.D
 Acq On : 14 Jul 2016 1:04
 Operator : UM/SJ
 Sample : H3946-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B4(0-8)C

Quant Time: Jul 14 03:12:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:23:58 2016
 Response via : Initial Calibration

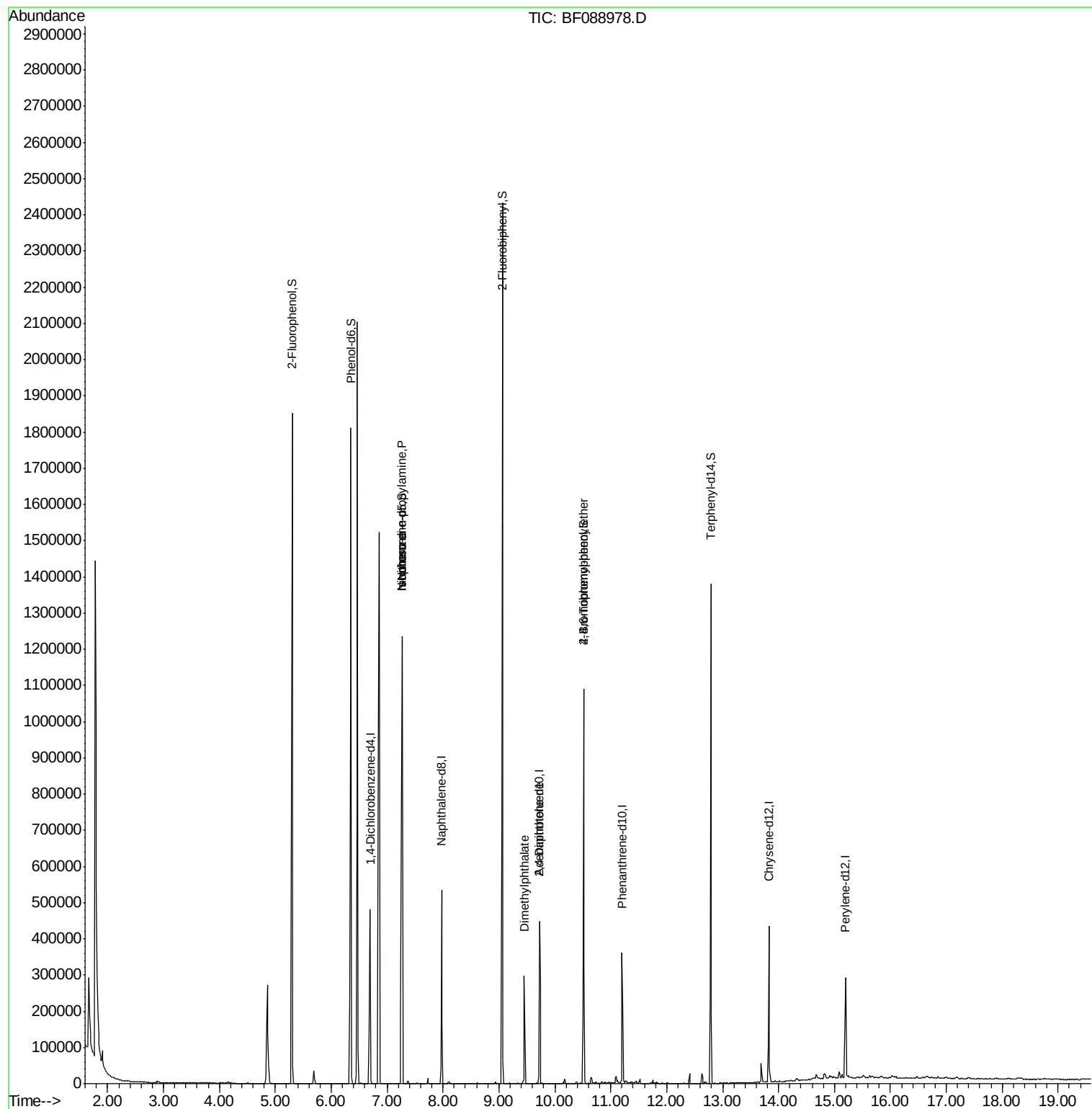
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72157	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	253164	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	105670	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	163774	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	128536	20.00	ng	-0.01
86) Perylene-d12	15.20	264	115951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	571892	118.78	ng	0.01
7) Phenol-d6	6.35	99	773080	124.27	ng	0.00
23) Nitrobenzene-d5	7.27	82	522100	108.07	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	135997	138.59	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	724468	108.29	ng	0.00
78) Terphenyl-d14	12.79	244	389894	67.56	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	71174	17.03	ng	# 71
25) Isophorone	7.27	82	477608	53.37	ng	# 65
49) Dimethylphthalate	9.45	163	142245	18.89	ng	99
56) 2,4-Dinitrotoluene	9.72	165	13732	6.29	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	8544	5.18	ng	# 1

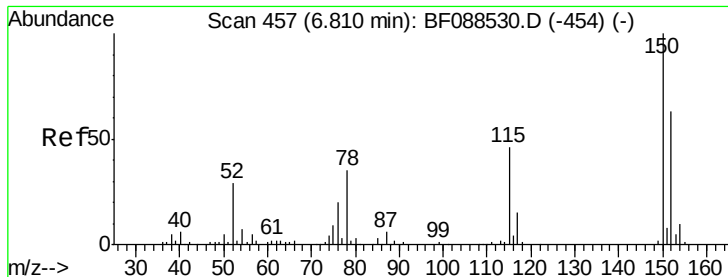
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 14 01:23:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

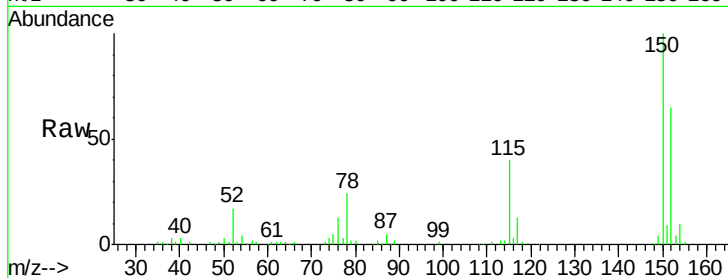
Tgt Ion:152 Resp: 72157

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

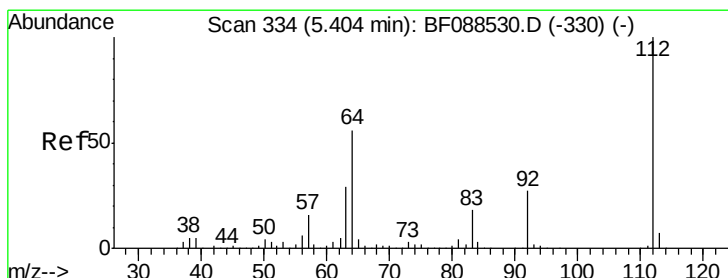
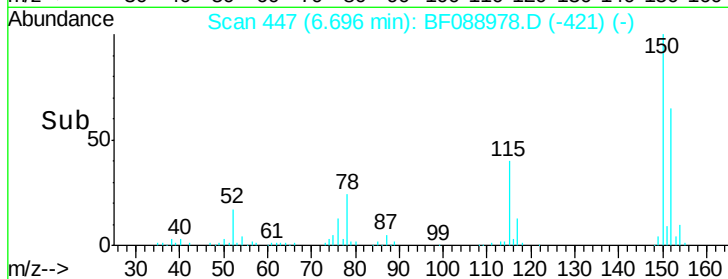
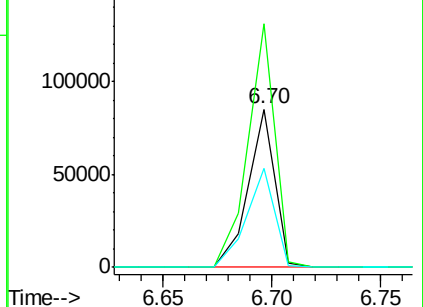
115 62.4 39.6 59.4#



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: 118.78 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

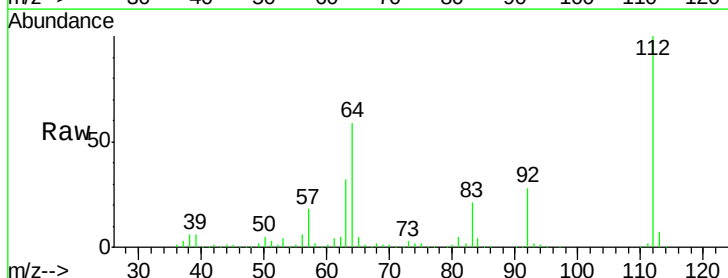
Tgt Ion:112 Resp: 571892

Ion Ratio Lower Upper

112 100

64 58.9 42.2 63.2

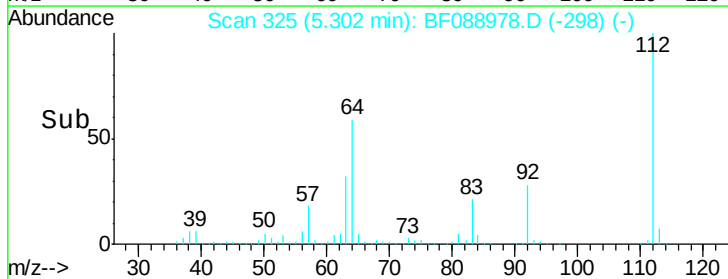
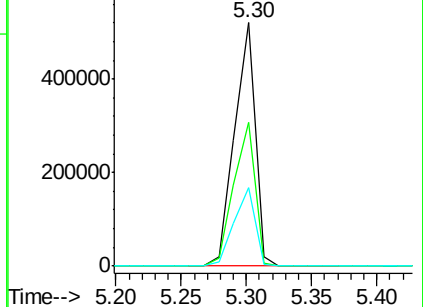
63 32.3 21.8 32.8

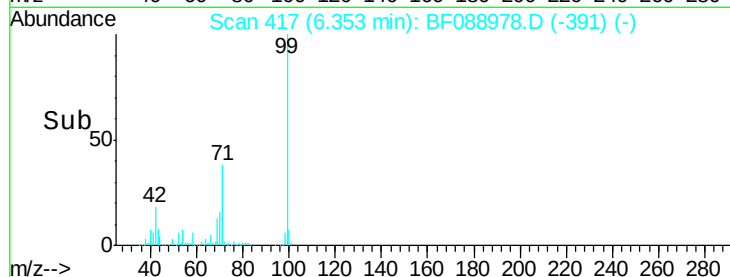
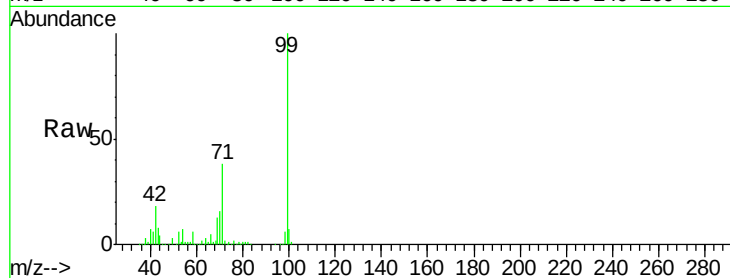
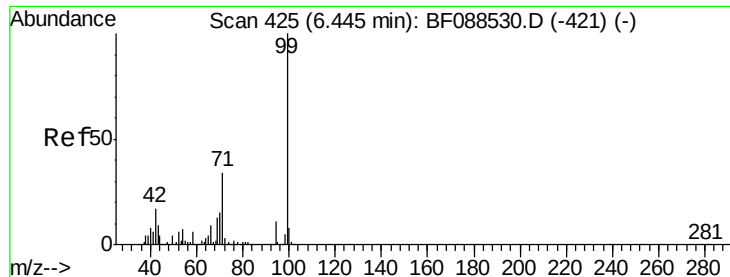


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.27 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

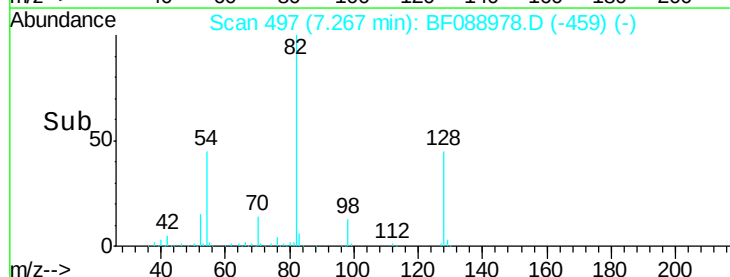
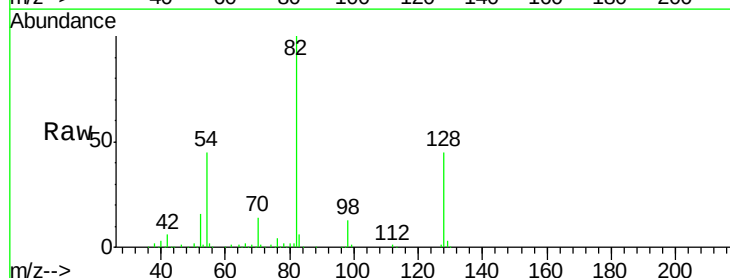
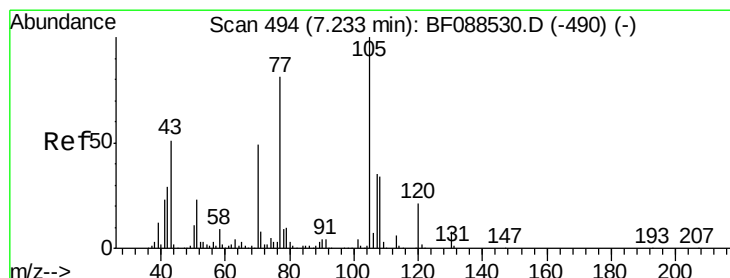
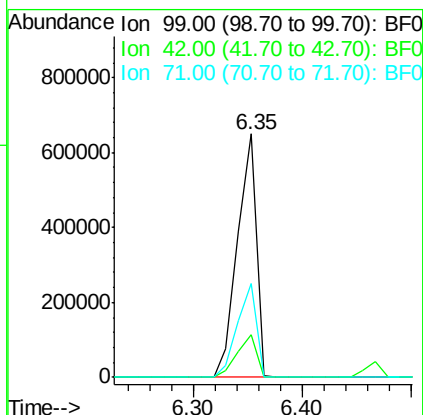
Tgt Ion: 99 Resp: 773080

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 38.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.03 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.14 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Tgt Ion: 70 Resp: 71174

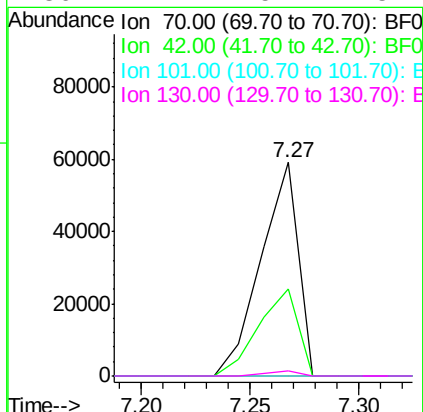
Ion Ratio Lower Upper

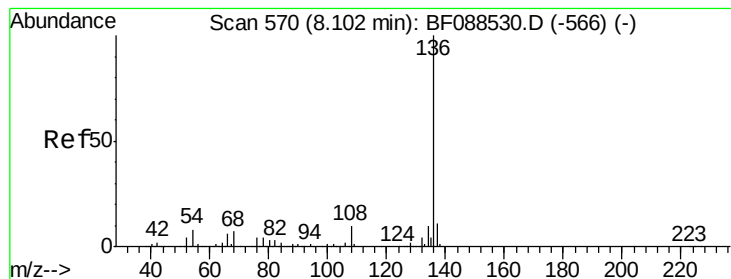
70 100

42 41.0 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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

Tgt Ion: 136 Resp: 253164

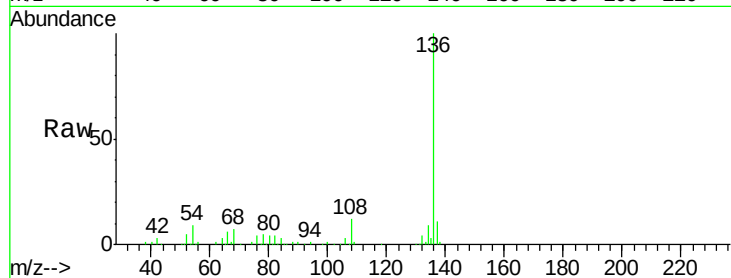
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.7 6.6 10.0

68 6.6 5.1 7.7

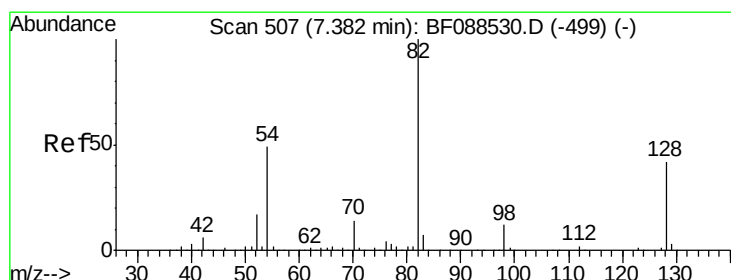
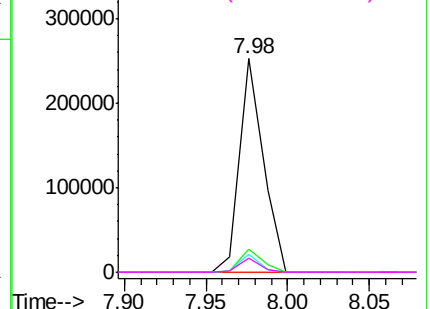
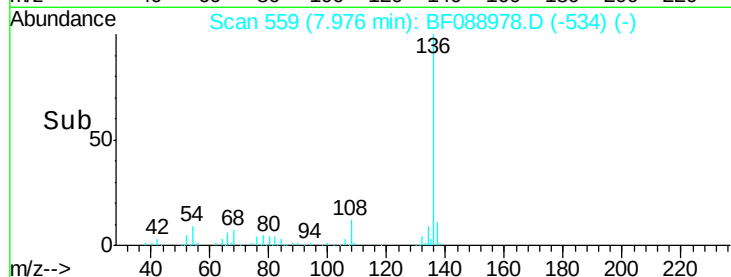


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.07 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

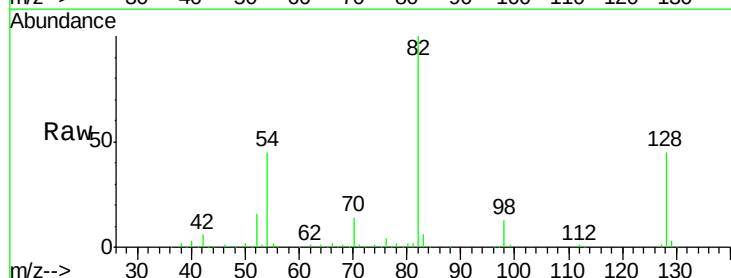
Tgt Ion: 82 Resp: 522100

Ion Ratio Lower Upper

82 100

128 45.4 35.9 53.9

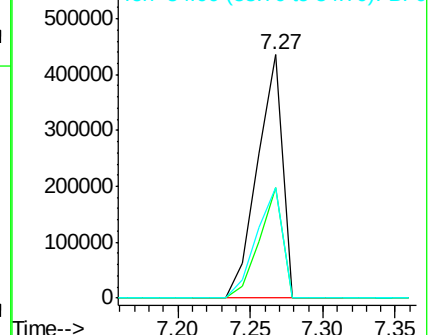
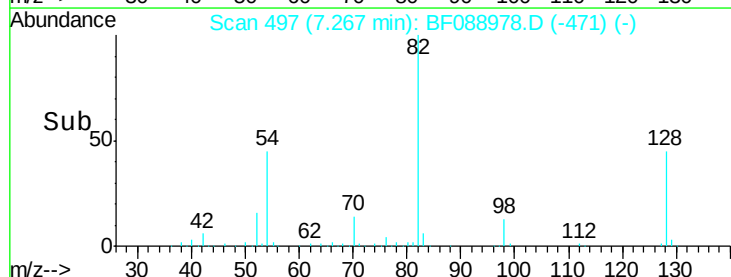
54 45.2 40.9 61.3

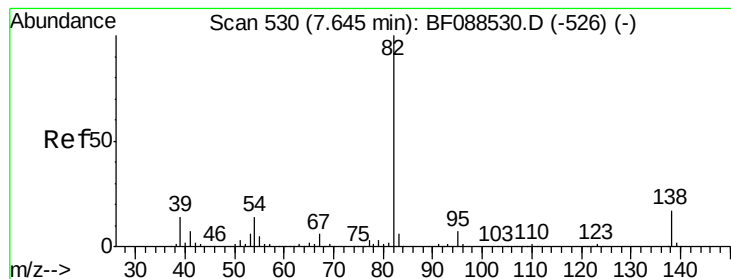


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.37 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.26 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

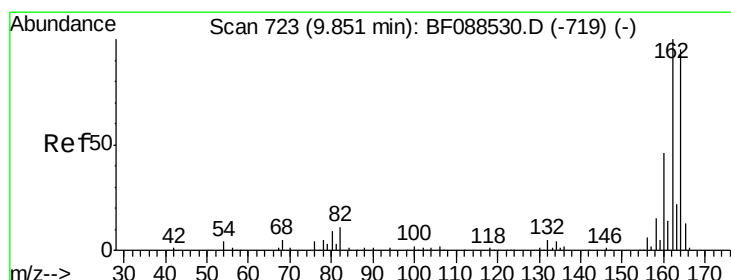
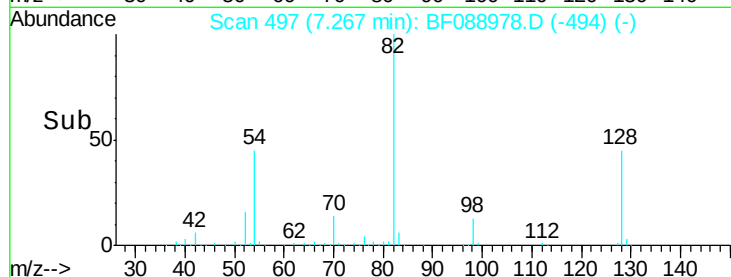
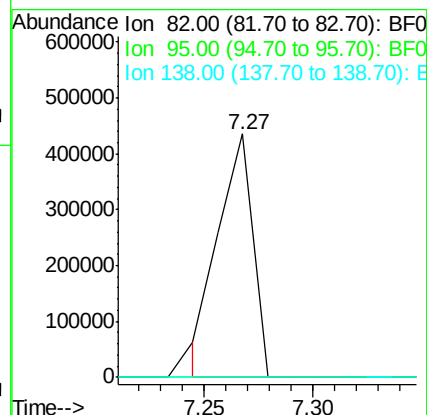
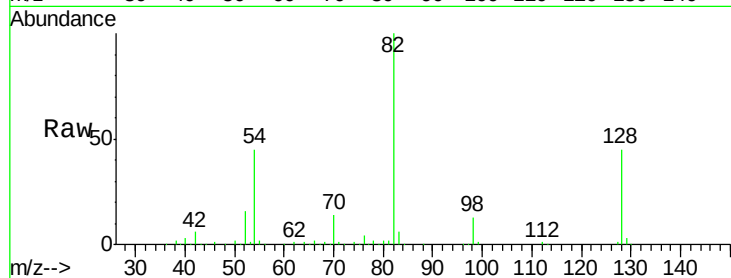
Tgt Ion: 82 Resp: 477608

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

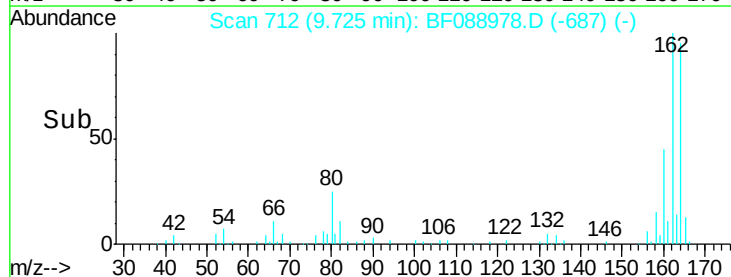
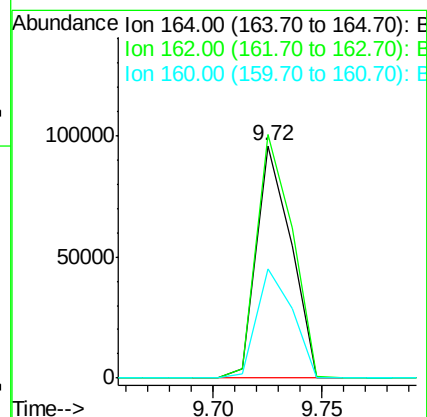
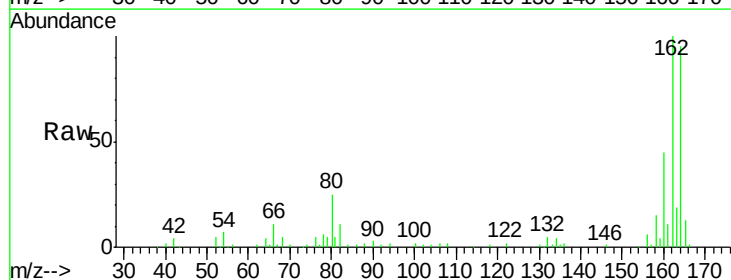
Tgt Ion: 164 Resp: 105670

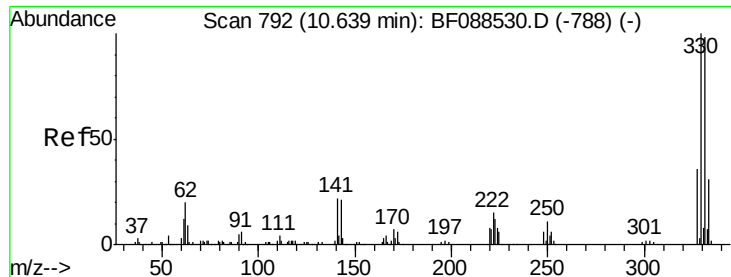
Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

160 47.0 39.5 59.3

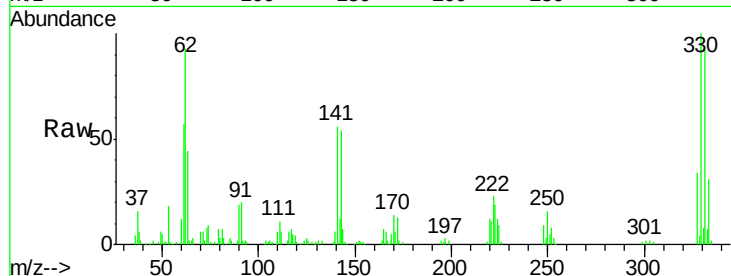




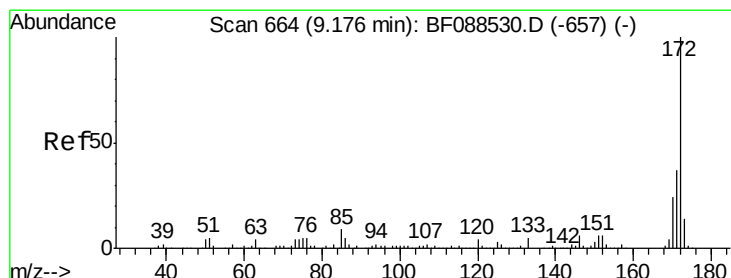
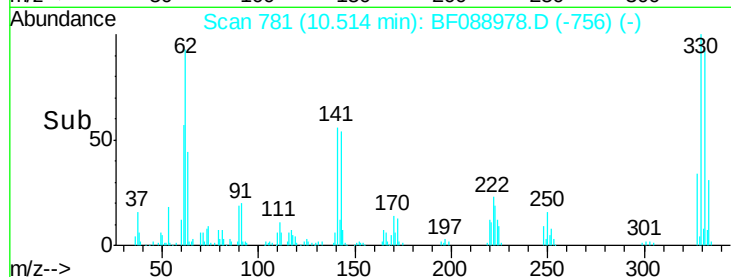
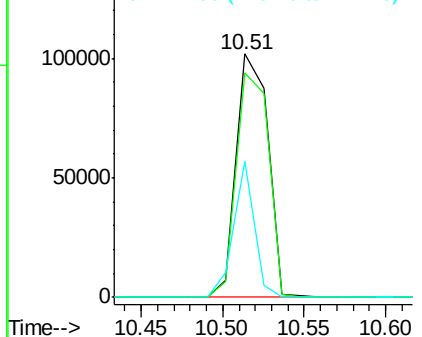
#41
 2,4,6-Tribromophenol
 Concen: 138.59 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088978.D
 Acq: 14 Jul 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B4(0-8)C

Tgt Ion:330 Resp: 135997
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 36.6 0.0 0.0#

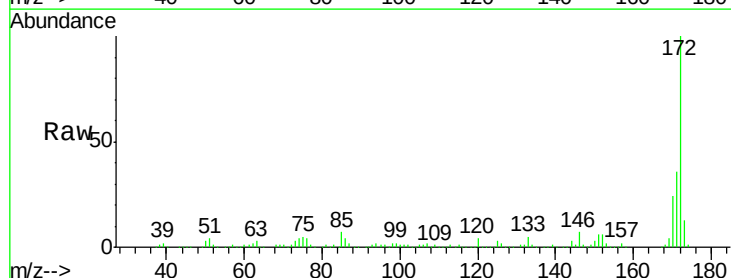


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

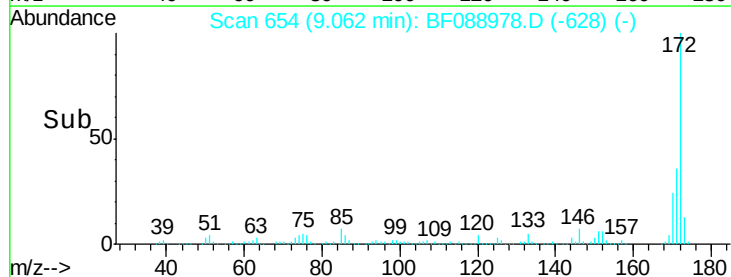
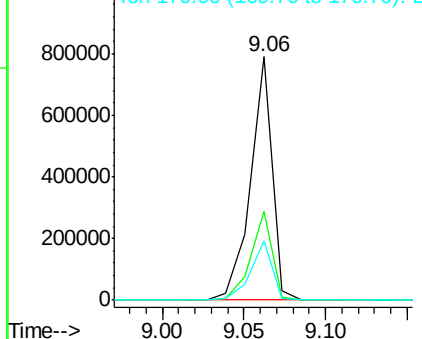


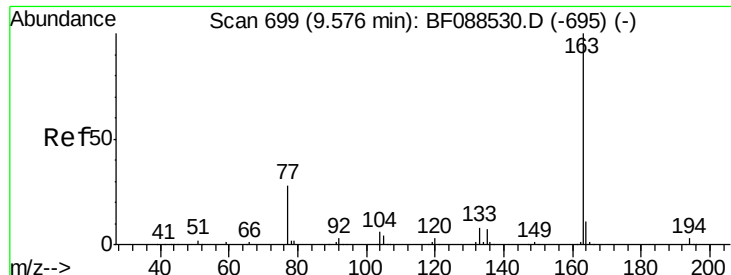
#44
 2-Fluorobiphenyl
 Concen: 108.29 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088978.D
 Acq: 14 Jul 2016 1:04

Tgt Ion:172 Resp: 724468
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.3 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: 18.89 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

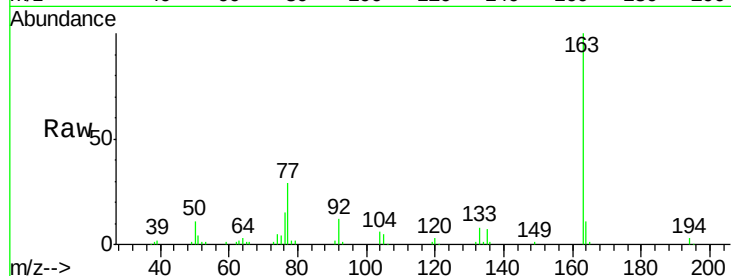
Tgt Ion:163 Resp: 142245

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

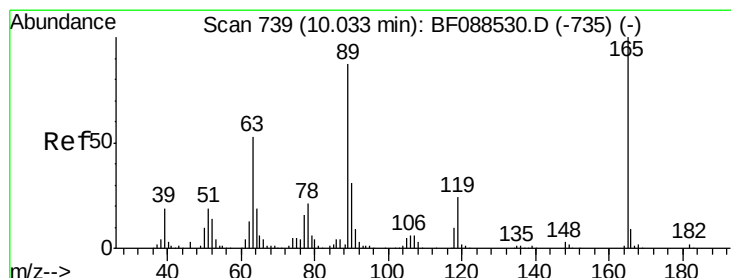
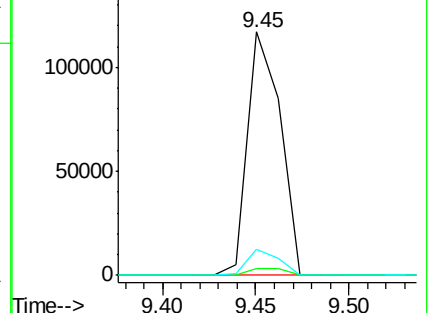
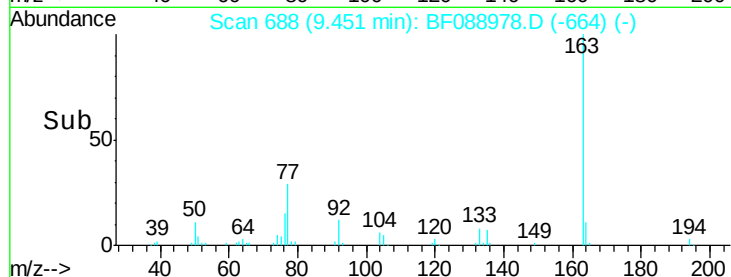
164 10.6 8.3 12.5



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: 6.29 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.21 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Tgt Ion:165 Resp: 13732

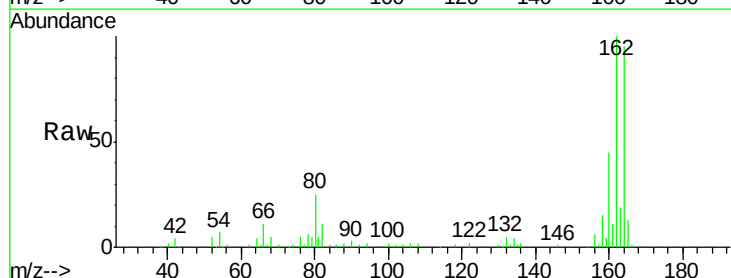
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

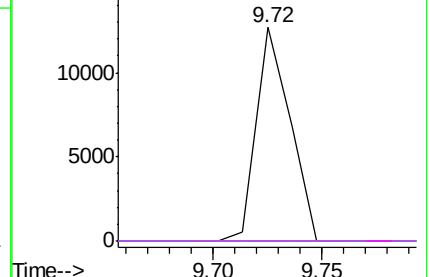
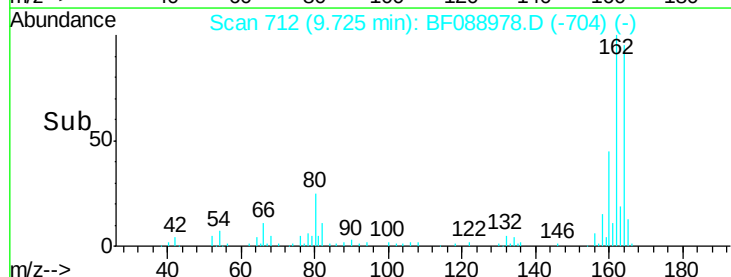


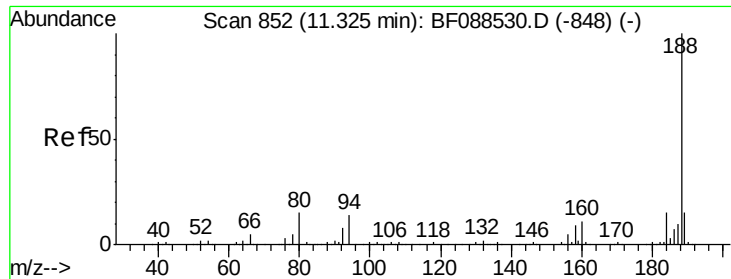
Abundance Ion 165.00 (164.70 to 165.70): E

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

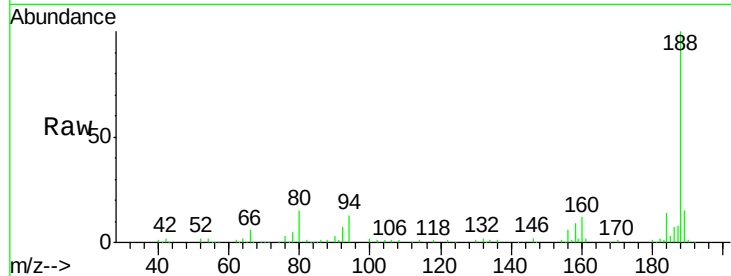




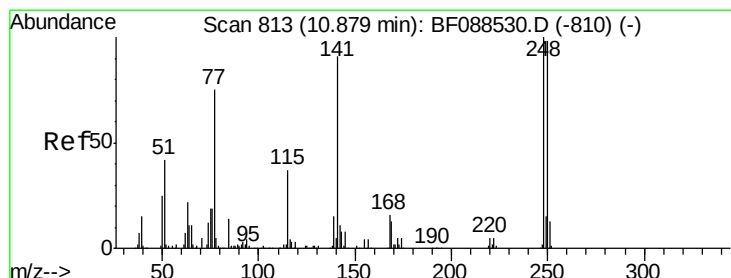
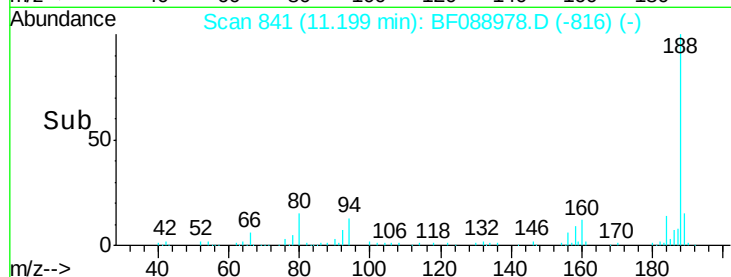
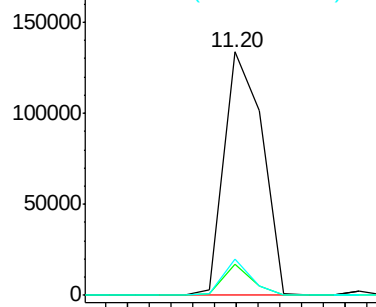
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088978.D
Acq: 14 Jul 2016 1:04

Instrument :
BNA_F
ClientSampleId :
Q7-B4(0-8)C

Tgt Ion:188 Resp: 163774
Ion Ratio Lower Upper
188 100
94 12.9 9.0 13.6
80 14.7 10.0 15.0

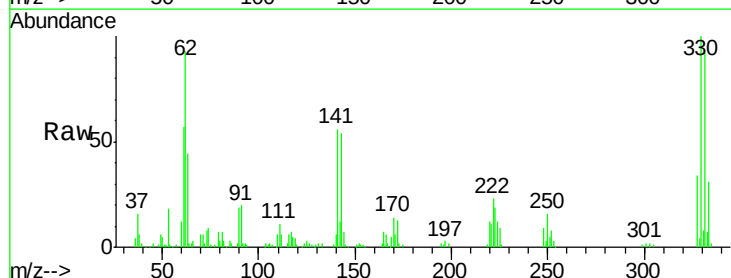


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

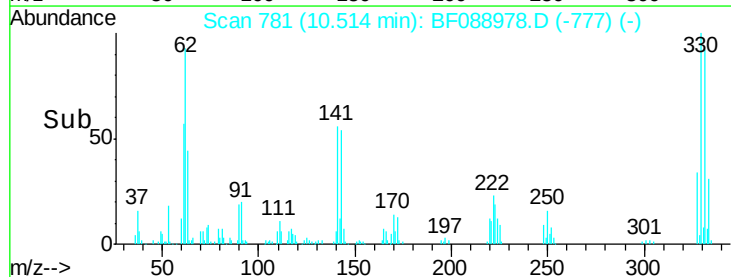
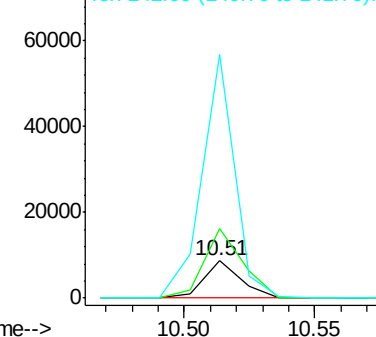


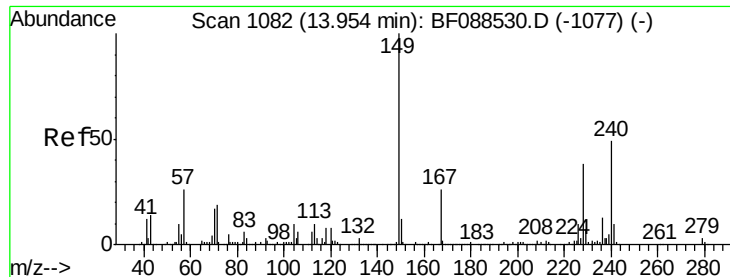
#66
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088978.D
Acq: 14 Jul 2016 1:04

Tgt Ion:248 Resp: 8544
Ion Ratio Lower Upper
248 100
250 186.5 77.1 115.7#
141 649.6 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. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

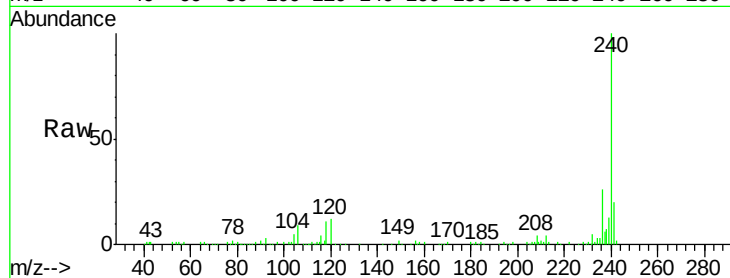
Tgt Ion:240 Resp: 128536

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

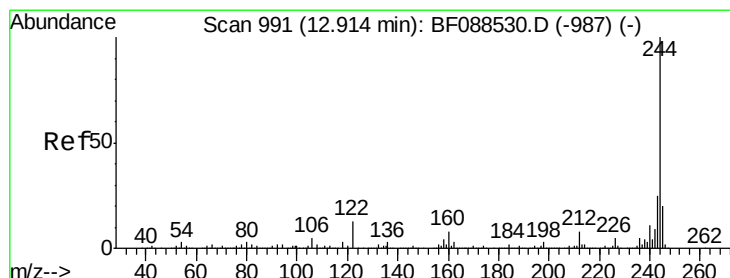
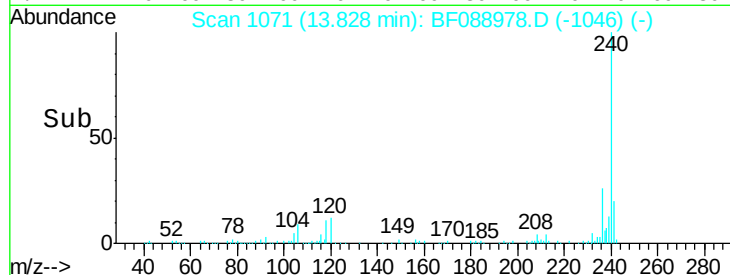
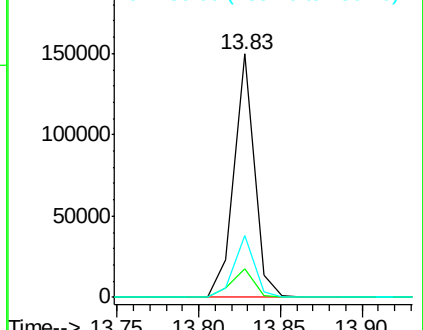
236 25.6 20.2 30.2



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: 67.56 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

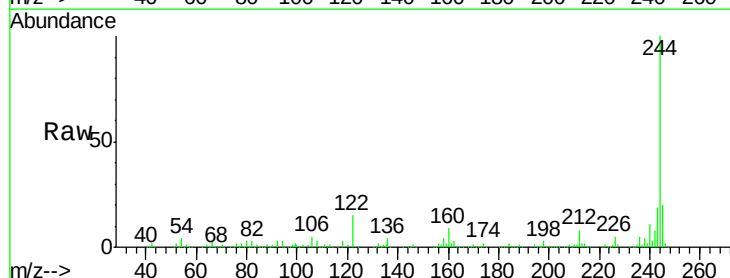
Tgt Ion:244 Resp: 389894

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

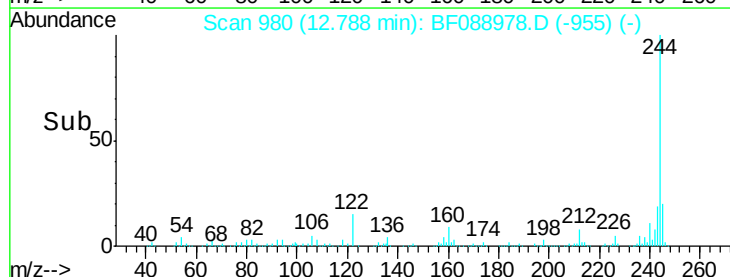
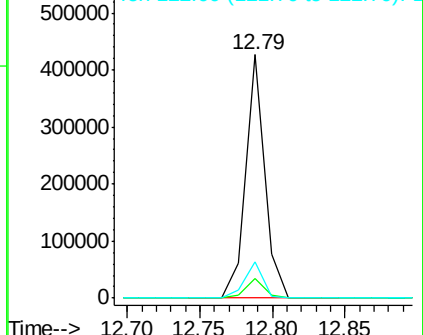
122 14.8 11.2 16.8

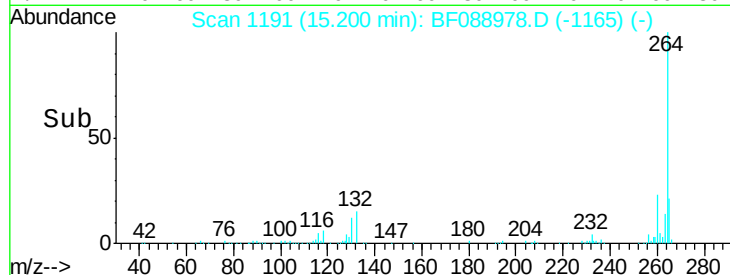
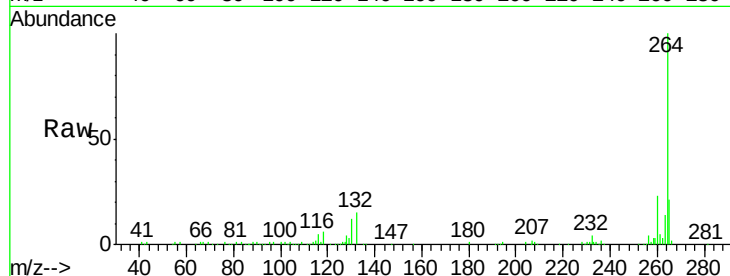
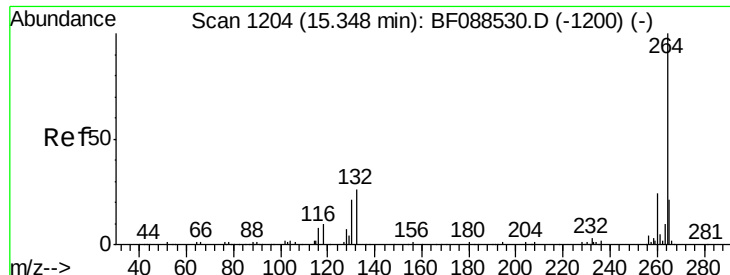


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF088978.D
Acq: 14 Jul 2016 1:04

Instrument :
BNA_F
ClientSampleId :
Q7-B4(0-8)C

Tgt Ion:	264	Resp:	115951
Ion Ratio		Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	16.9	25.3

