

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088964.D
 Acq On : 13 Jul 2016 18:11
 Operator : UM/SJ
 Sample : H3980-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-07

Quant Time: Jul 14 01:14:25 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

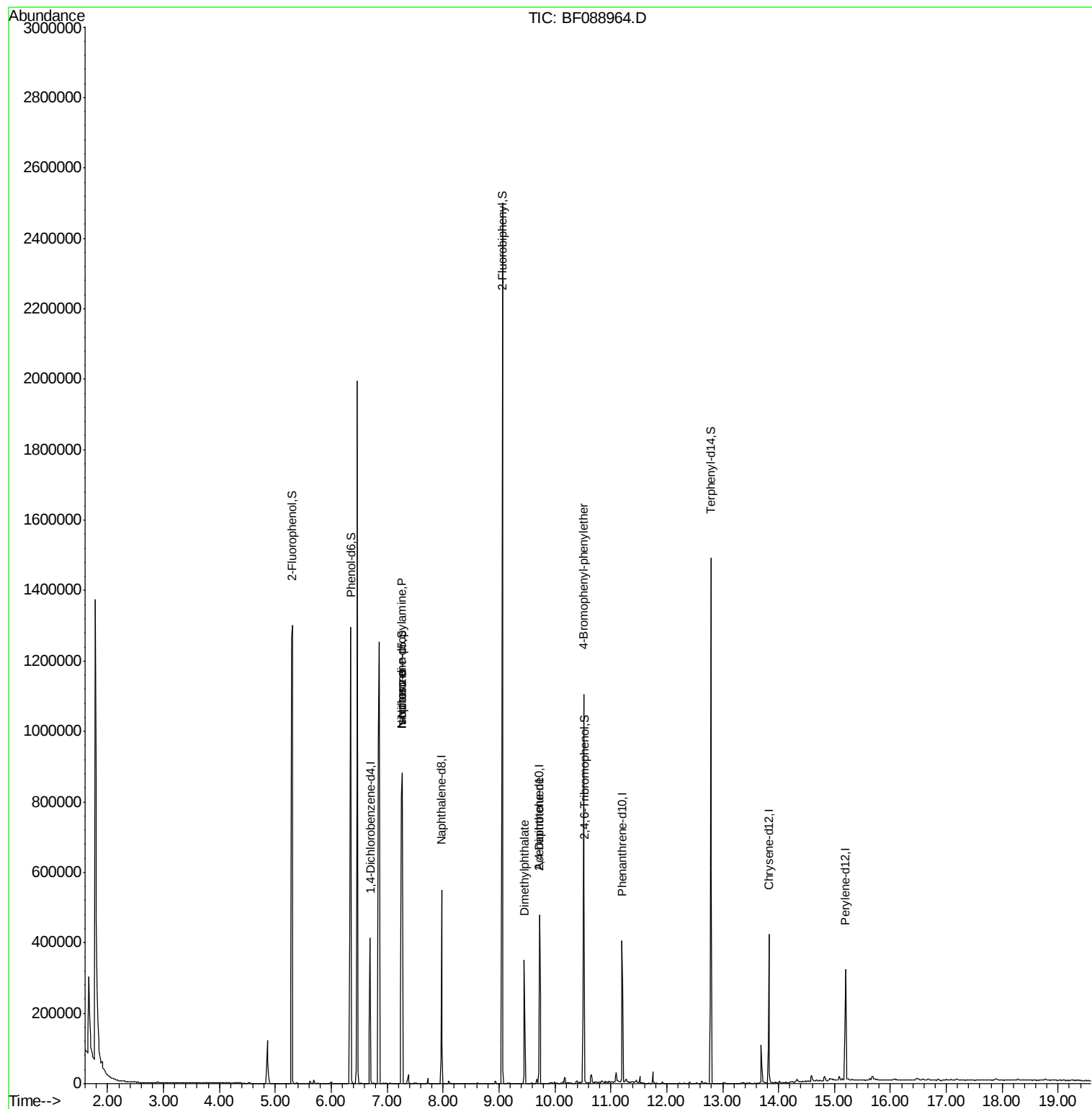
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	64915	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	245741	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	108893	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	190448	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	131195	20.00	ng	-0.02
86) Perylene-d12	15.20	264	129767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	572506	132.18	ng	0.01
7) Phenol-d6	6.35	99	756326	135.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	470010	100.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	169707	167.83	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	773565	112.21	ng	-0.01
78) Terphenyl-d14	12.79	244	519498	88.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	62425	16.61	ng	# 66
25) Isophorone	7.27	82	412748	47.52	ng	# 65
49) Dimethylphthalate	9.45	163	168049	21.66	ng	99
56) 2,4-Dinitrotoluene	9.72	165	14055	6.25	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	10238	5.33	ng	# 1

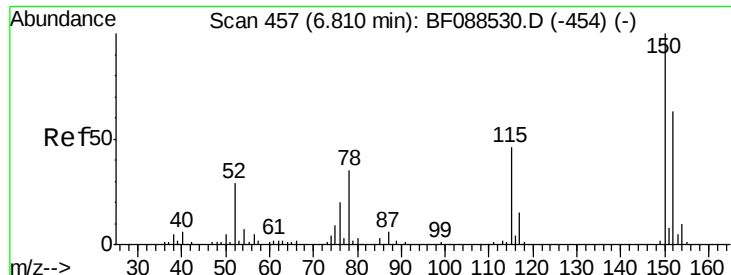
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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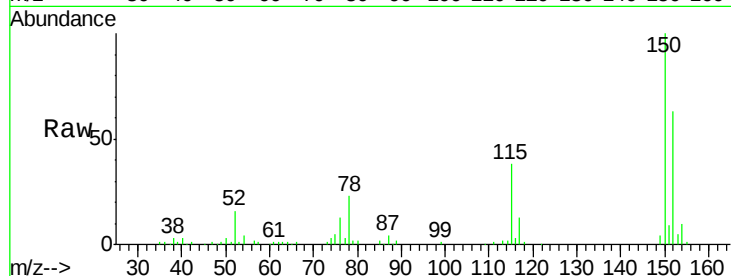




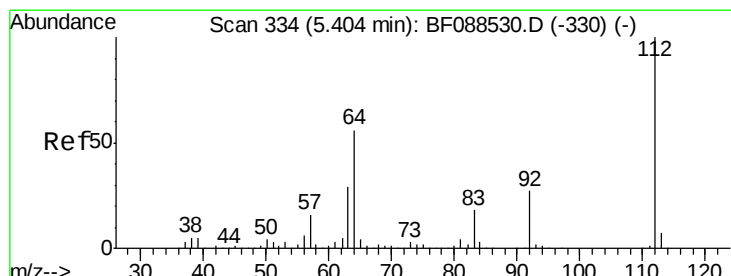
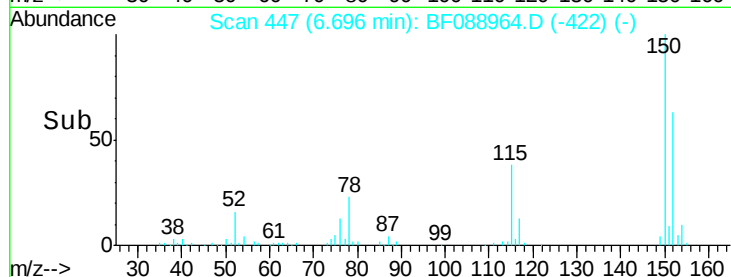
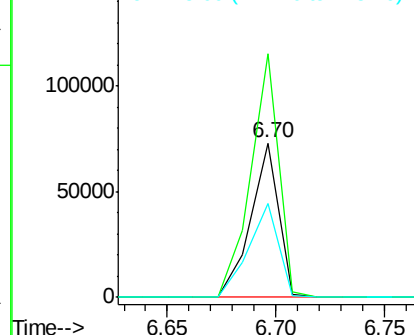
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF088964.D
 Acq: 13 Jul 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-07

Tgt Ion:152 Resp: 64915
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.8 185.6
 115 60.7 39.6 59.4#

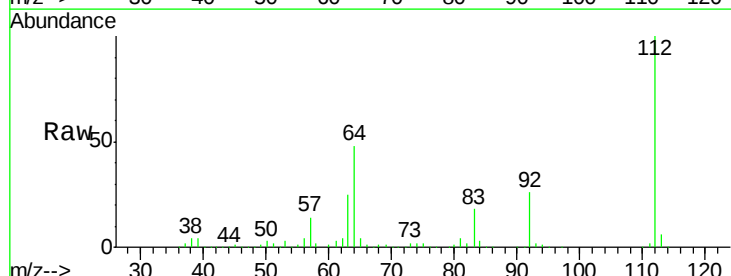


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

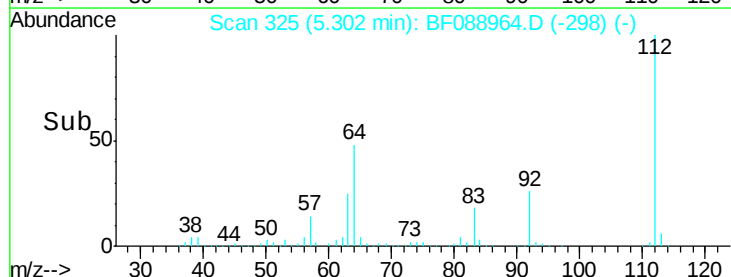
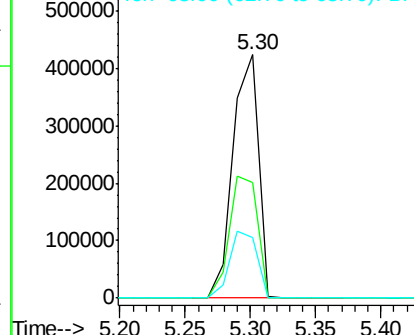


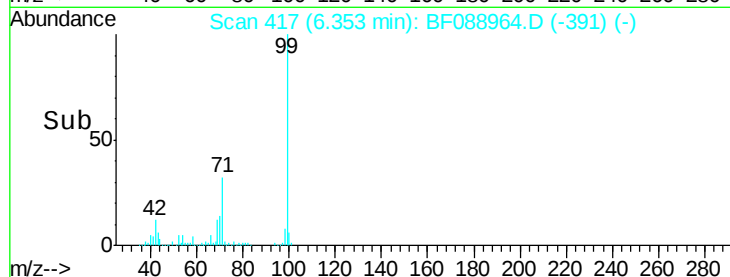
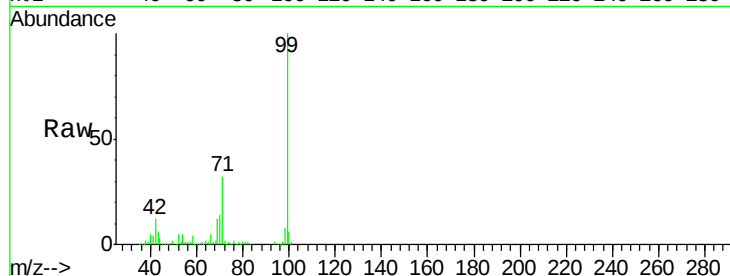
#5
 2-Fluorophenol
 Concen: 132.18 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF088964.D
 Acq: 13 Jul 2016 18:11

Tgt Ion:112 Resp: 572506
 Ion Ratio Lower Upper
 112 100
 64 47.5 42.2 63.2
 63 25.0 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: 135.14 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

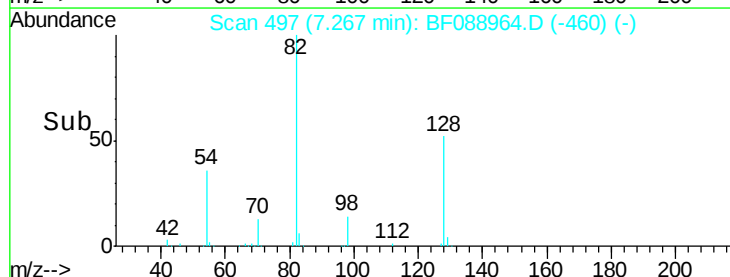
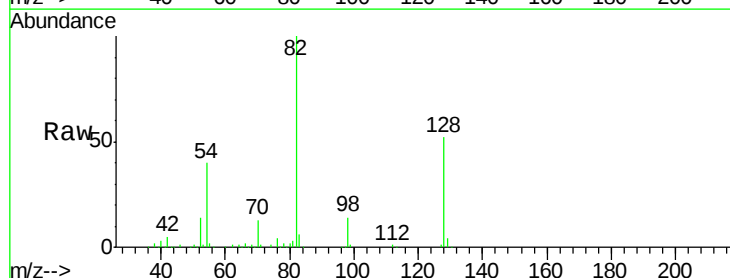
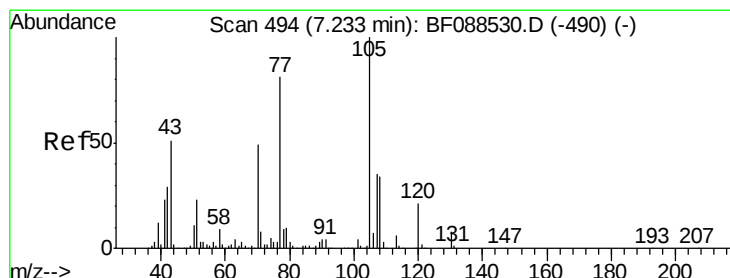
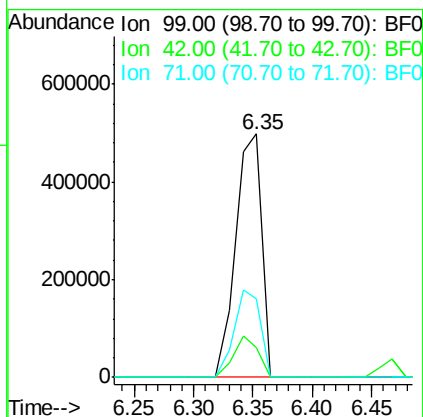
Tgt Ion: 99 Resp: 756326

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

71 32.2 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.61 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Tgt Ion: 70 Resp: 62425

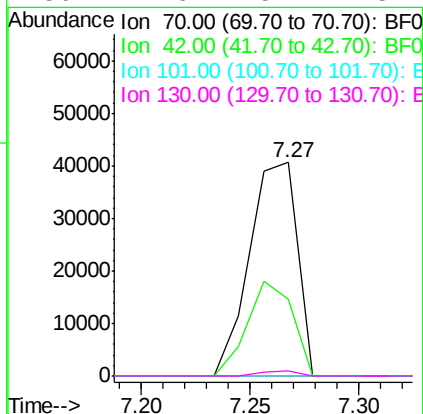
Ion Ratio Lower Upper

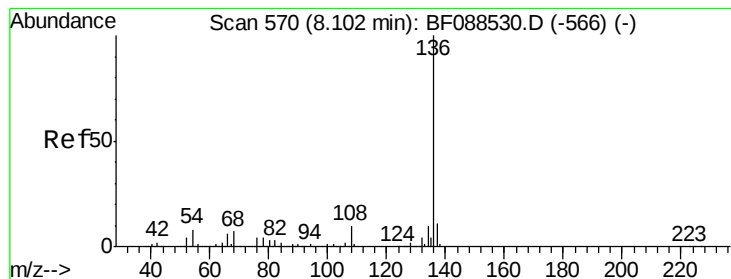
70 100

42 35.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 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: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

Tgt Ion: 136 Resp: 245741

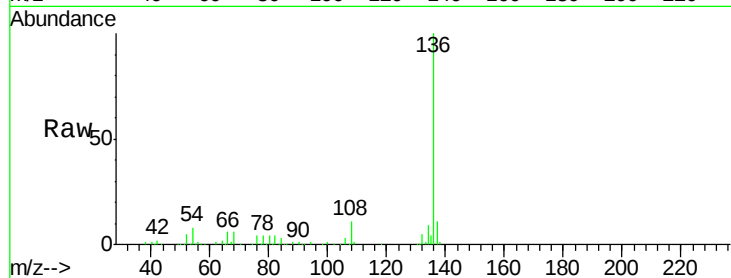
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.9 6.6 10.0

68 6.2 5.1 7.7

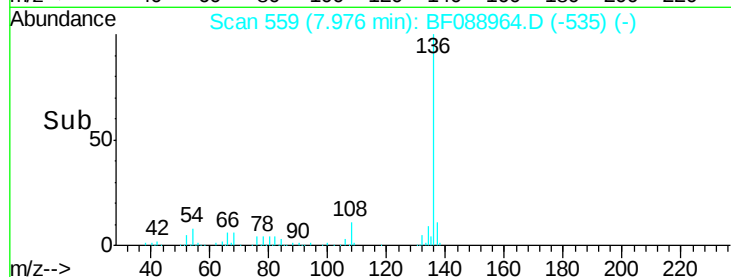


Abundance Ion 136.00 (135.70 to 136.70): E

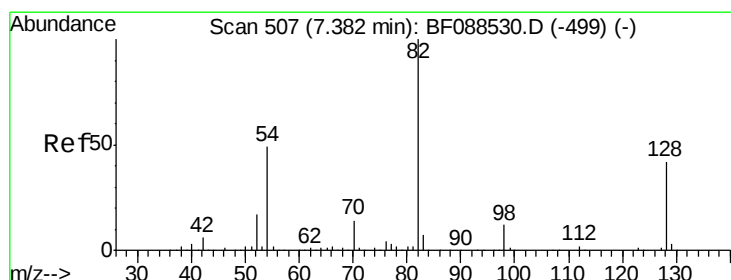
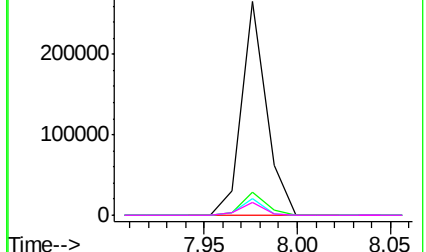
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 100.23 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

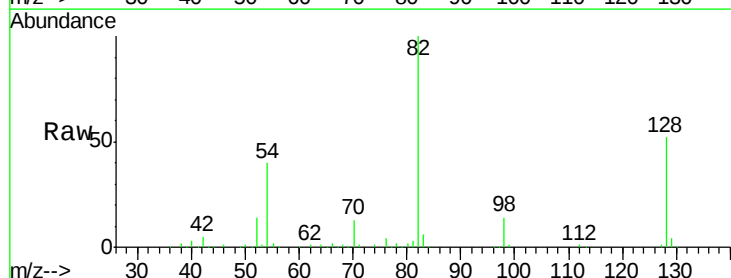
Tgt Ion: 82 Resp: 470010

Ion Ratio Lower Upper

82 100

128 52.0 35.9 53.9

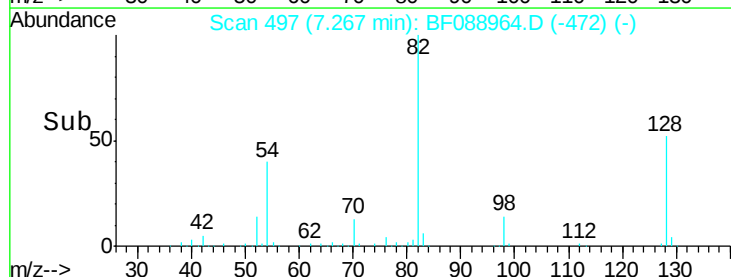
54 40.4 40.9 61.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

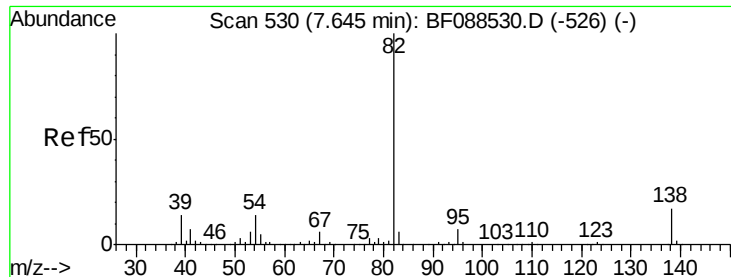
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 47.52 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

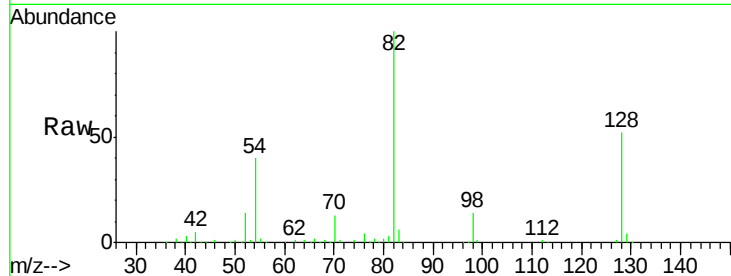
Tgt Ion: 82 Resp: 412748

Ion Ratio Lower Upper

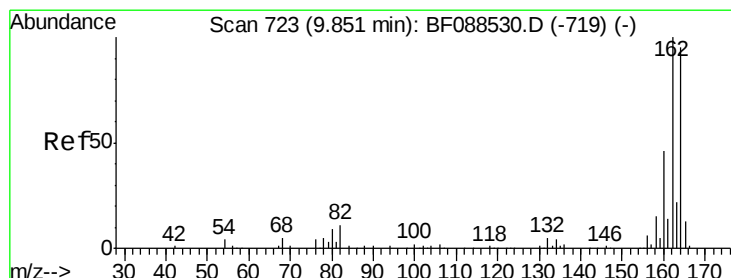
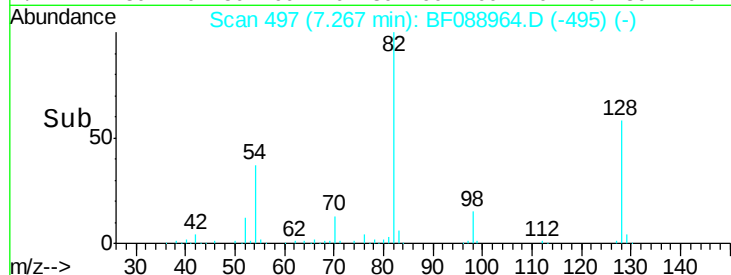
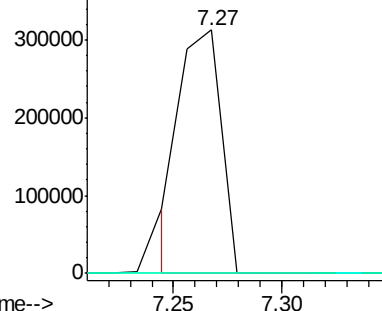
82 100

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: BF088964.D

Acq: 13 Jul 2016 18:11

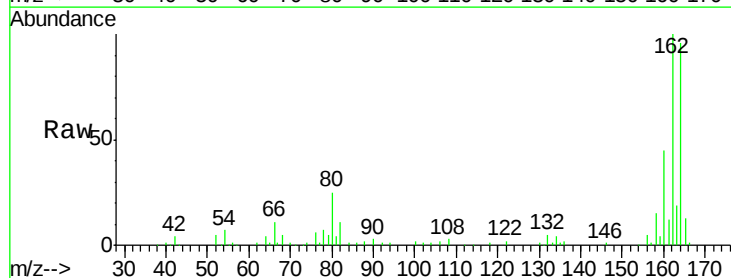
Tgt Ion: 164 Resp: 108893

Ion Ratio Lower Upper

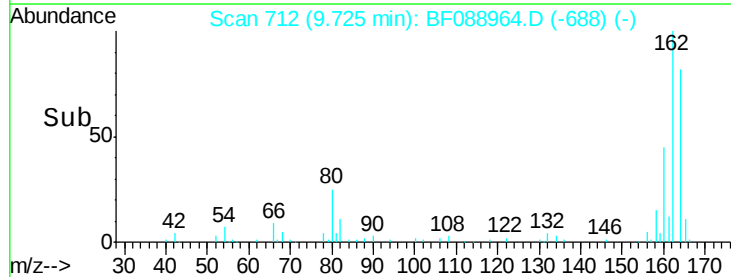
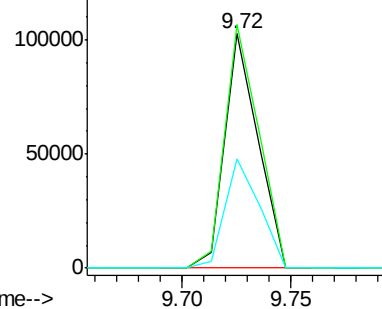
164 100

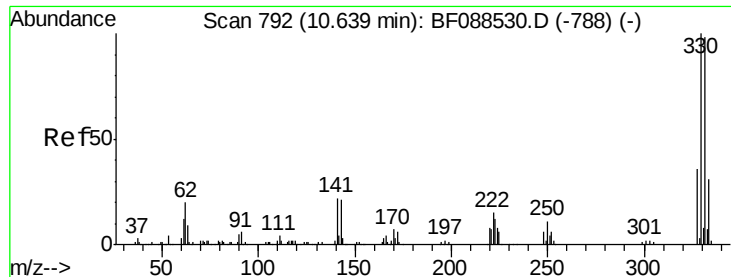
162 104.0 85.4 128.2

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

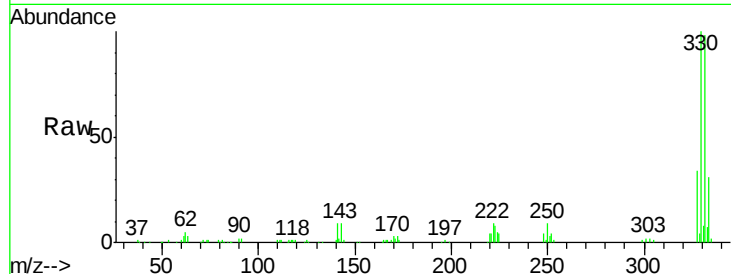




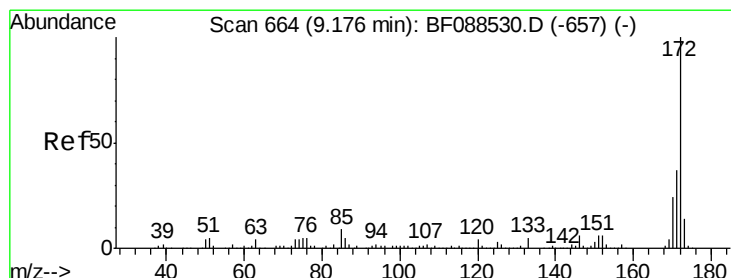
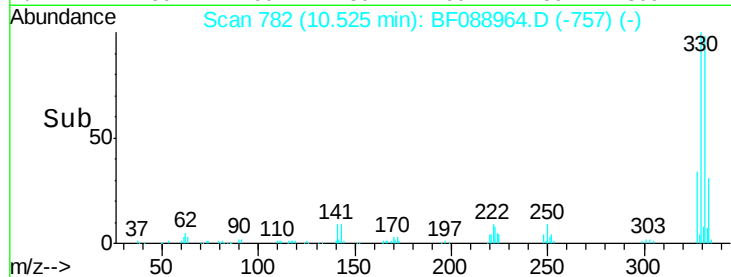
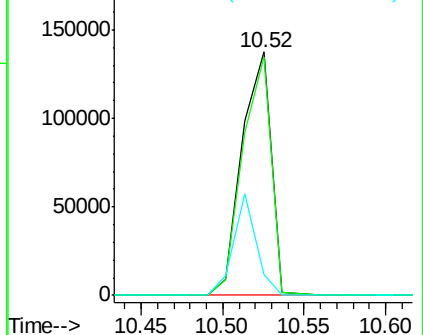
#41
 2,4,6-Tribromophenol
 Concen: 167.83 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088964.D
 Acq: 13 Jul 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-07

Tgt Ion:330 Resp: 169707
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 32.6 0.0 0.0#

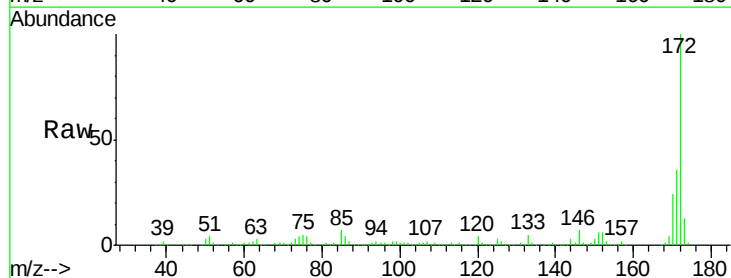


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

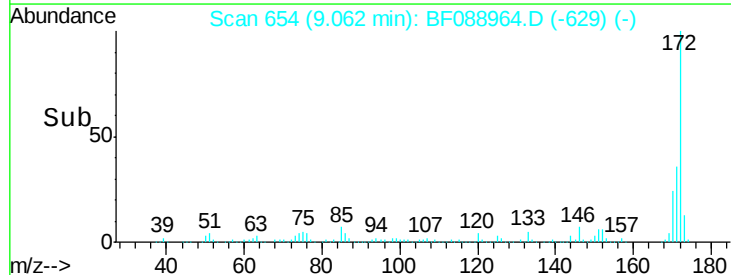
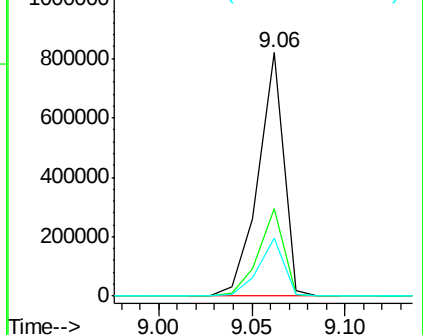


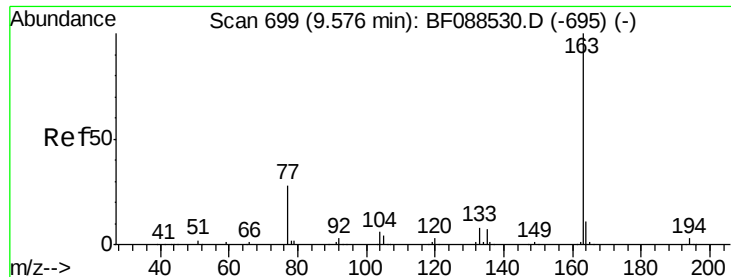
#44
 2-Fluorobiphenyl
 Concen: 112.21 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088964.D
 Acq: 13 Jul 2016 18:11

Tgt Ion:172 Resp: 773565
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.8 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: 21.66 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

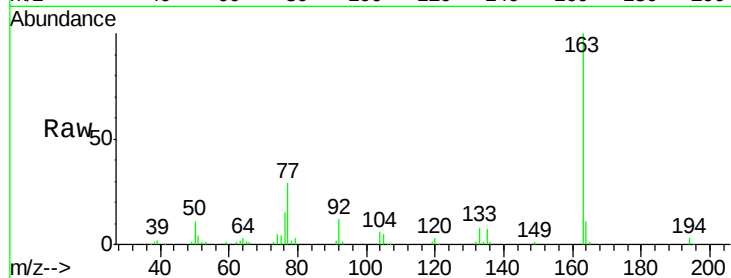
Tgt Ion:163 Resp: 168049

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

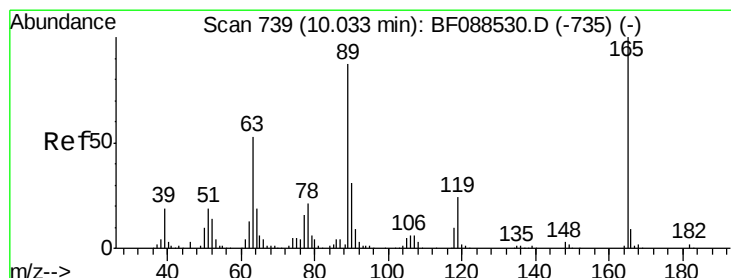
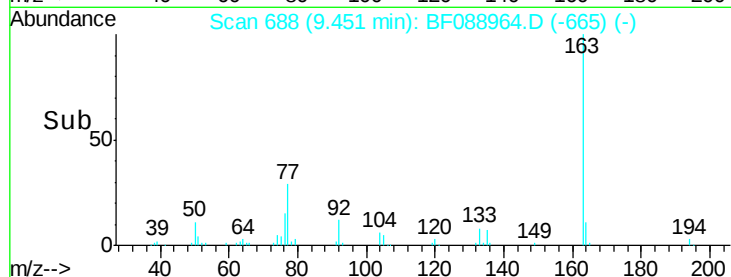
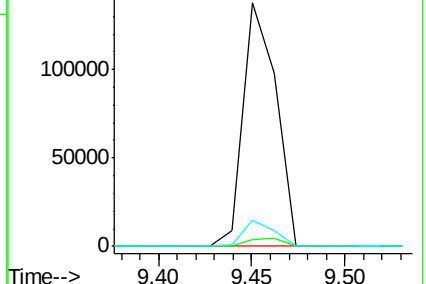
164 10.7 8.3 12.5



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: 6.25 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Tgt Ion:165 Resp: 14055

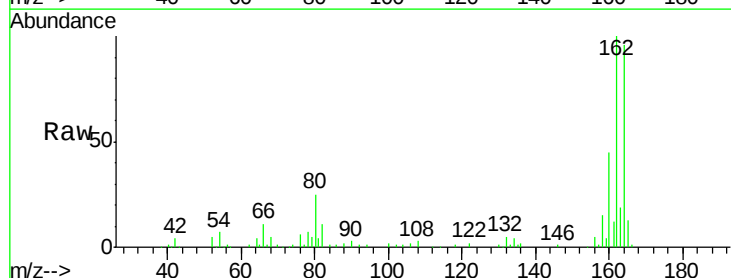
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

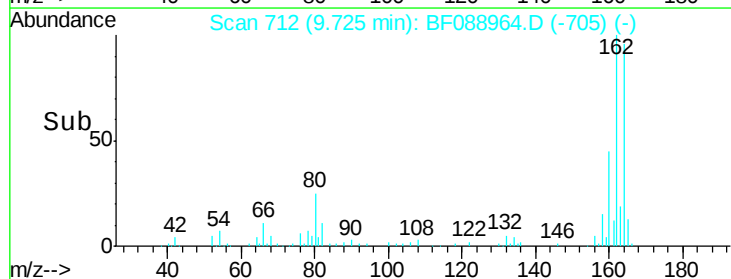
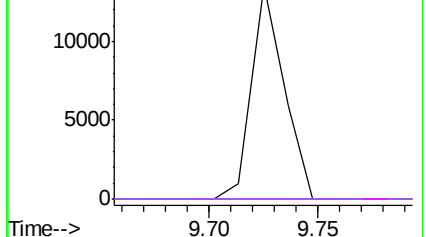


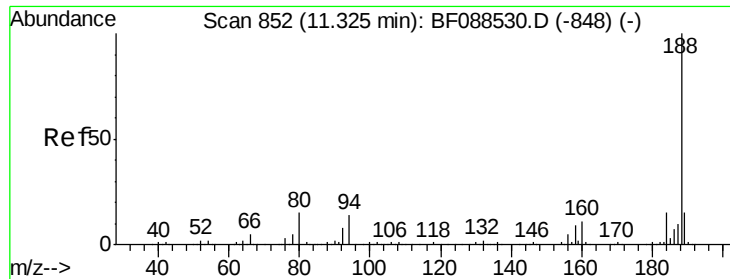
Abundance Ion 165.00 (164.70 to 165.70): E

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

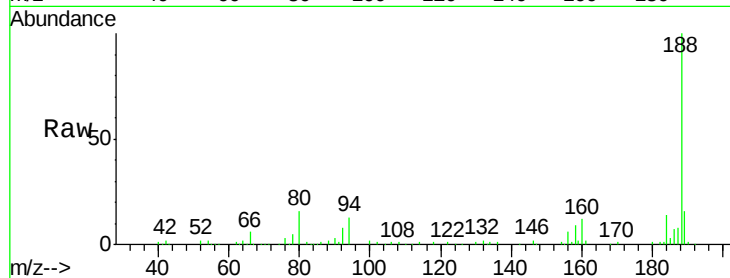




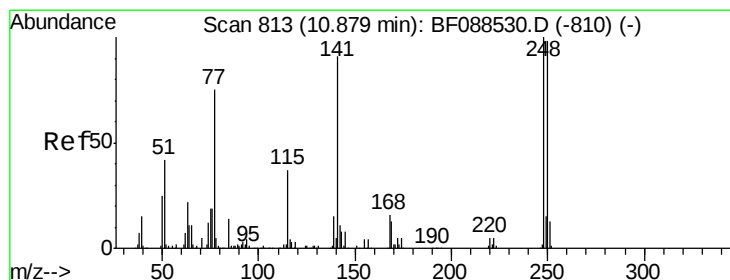
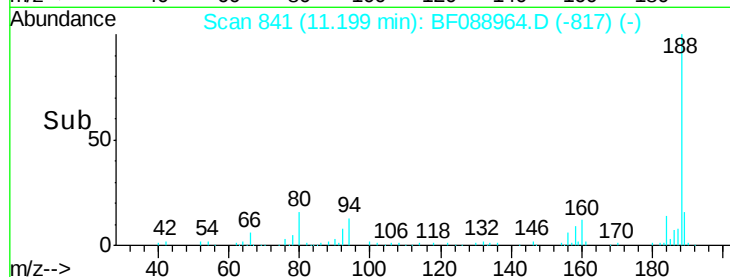
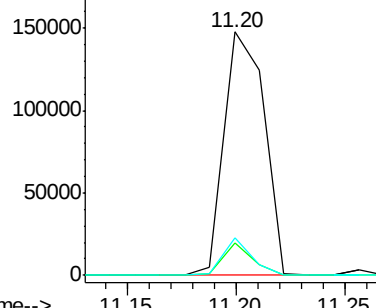
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

Instrument :
BNA_F
ClientSampleId :
C4.1-07

Tgt Ion:188 Resp: 190448
Ion Ratio Lower Upper
188 100
94 13.1 9.0 13.6
80 15.5 10.0 15.0#

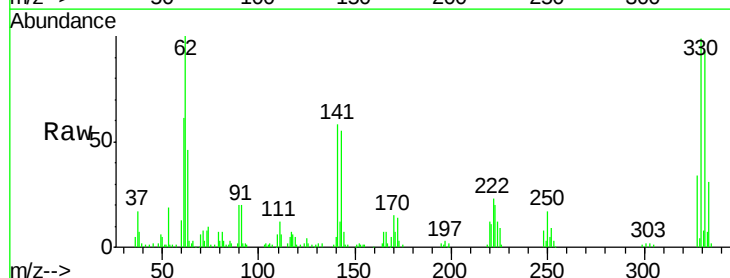


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

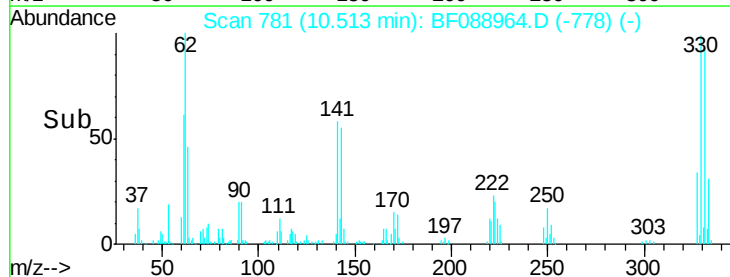
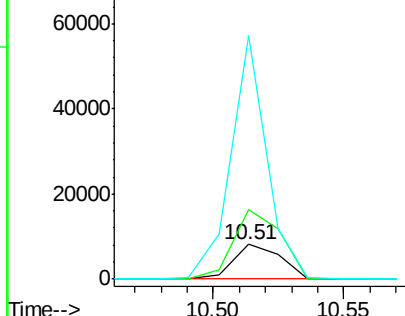


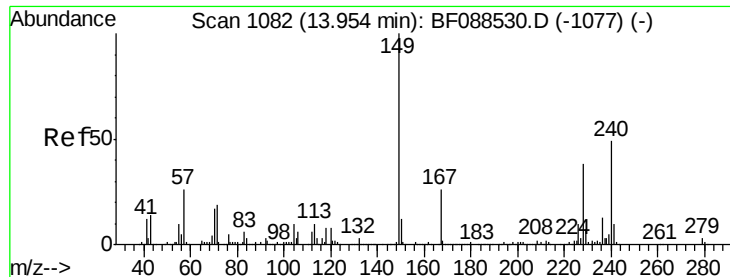
#66
4-Bromophenyl-phenylether
Concen: 5.33 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

Tgt Ion:248 Resp: 10238
Ion Ratio Lower Upper
248 100
250 203.2 77.1 115.7#
141 707.4 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: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

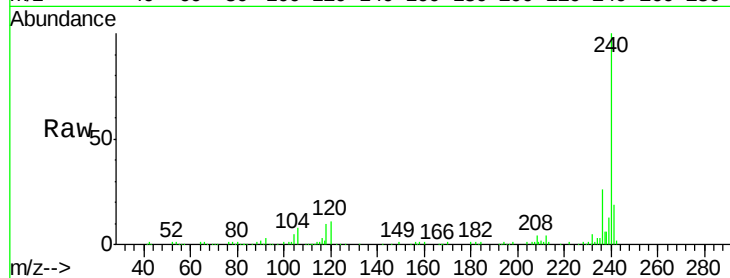
Tgt Ion:240 Resp: 131195

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

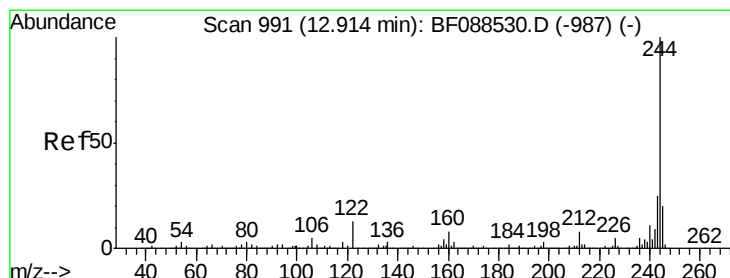
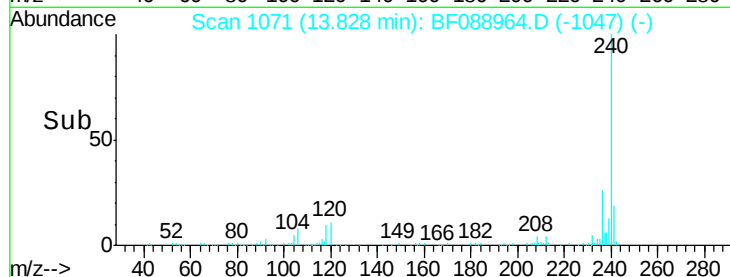
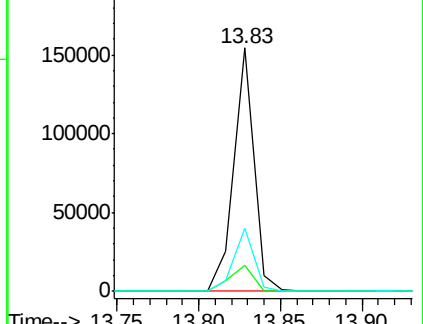
236 25.7 20.2 30.2



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: 88.20 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

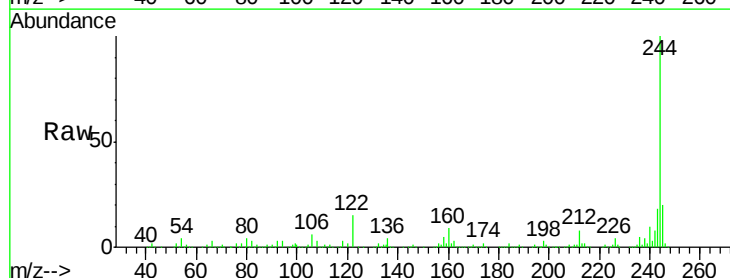
Tgt Ion:244 Resp: 519498

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

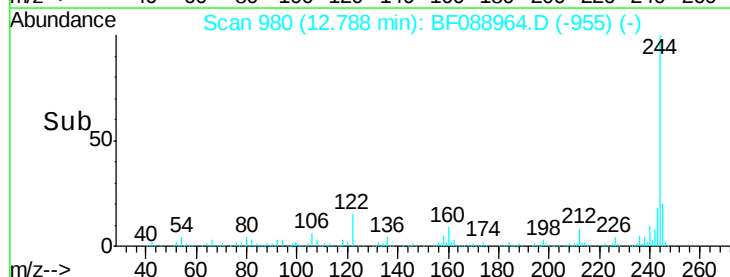
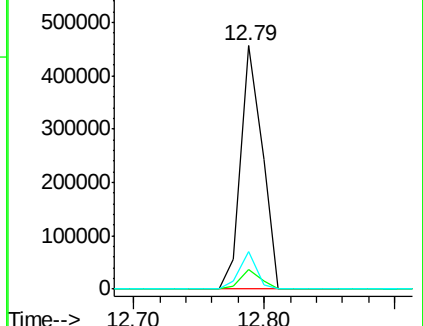
122 15.4 11.2 16.8

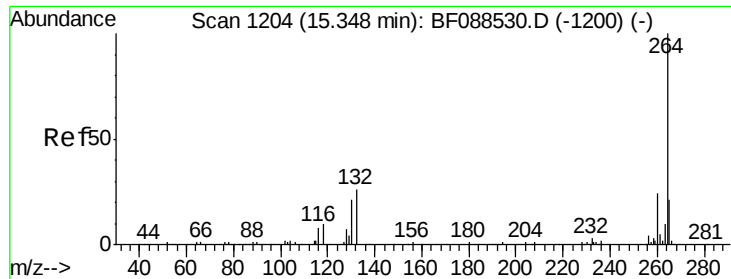


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

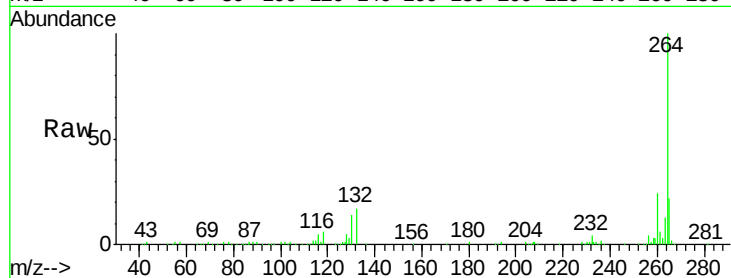




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

Instrument :
BNA_F
ClientSampleId :
C4.1-07

Tgt Ion:	264	Resp:	129767
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	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

