

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088204.D
 Acq On : 21 Jun 2016 7:32
 Operator : UM/SJ
 Sample : H3580-25
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(0-6)C

Quant Time: Jun 21 08:02:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

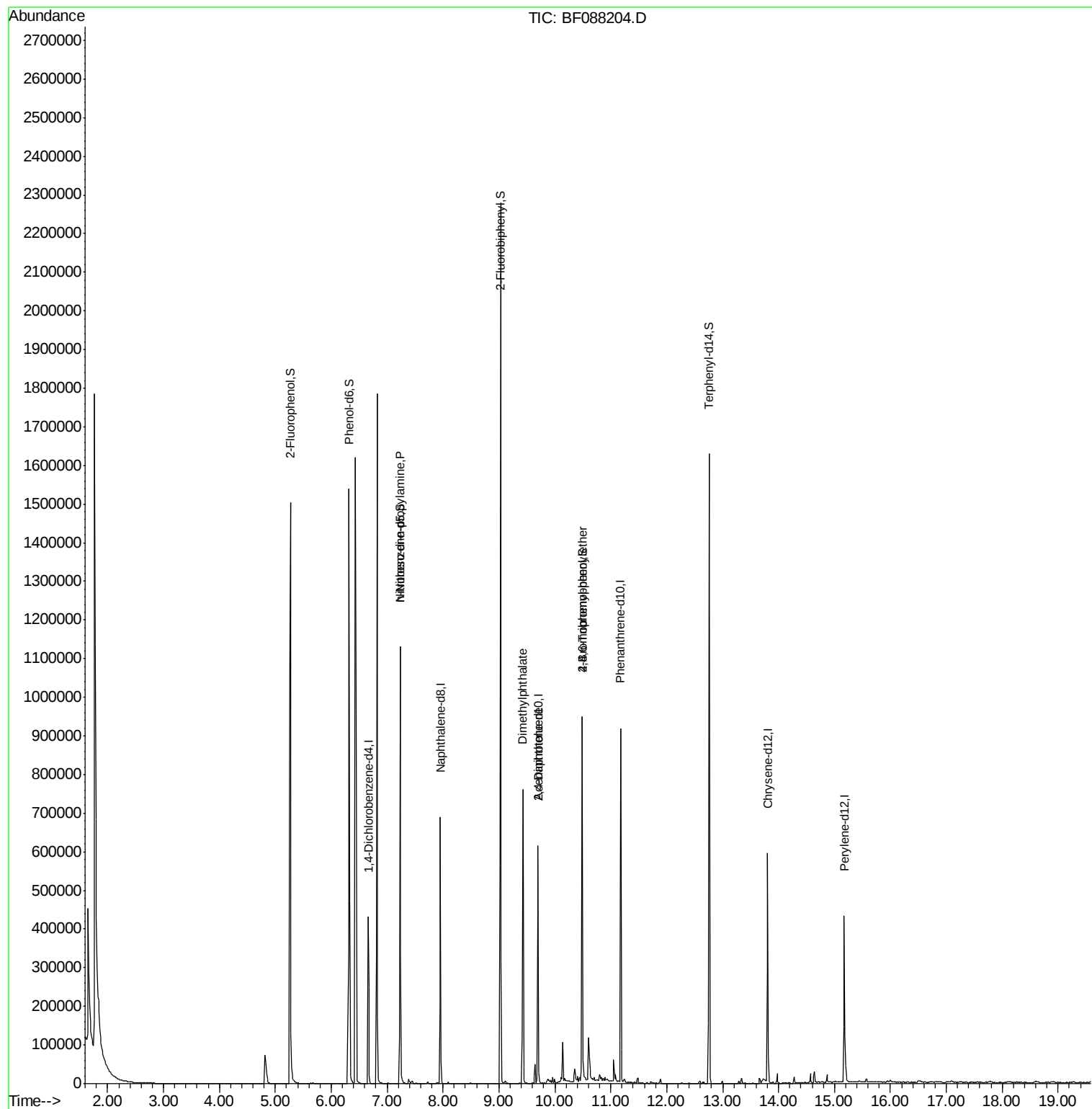
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	86090	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	347246	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	162591	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	310952	20.00	ng	0.00
75) Chrysene-d12	13.81	240	240289	20.00	ng	0.00
86) Perylene-d12	15.18	264	186615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	620498	123.22	ng	0.01
7) Phenol-d6	6.32	99	652476	106.91	ng	-0.01
23) Nitrobenzene-d5	7.23	82	400415	67.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	176154	102.61	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	751050	71.70	ng	-0.01
78) Terphenyl-d14	12.75	244	738388	69.93	ng	-0.01
Target Compounds						
10) Phenol	6.33	94	7514	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	52075	13.34	ng	# 71
45) 1,1'-Biphenyl	9.03	154	1269	Below Cal	#	1
49) Dimethylphthalate	9.43	163	304295	25.84	ng	100
56) 2,4-Dinitrotoluene	9.70	165	20494	5.91	ng	# 36
57) Fluorene	10.48	166	7946	Below Cal	#	86
66) 4-Bromophenyl-phenylether	10.49	248	11120	3.33	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: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

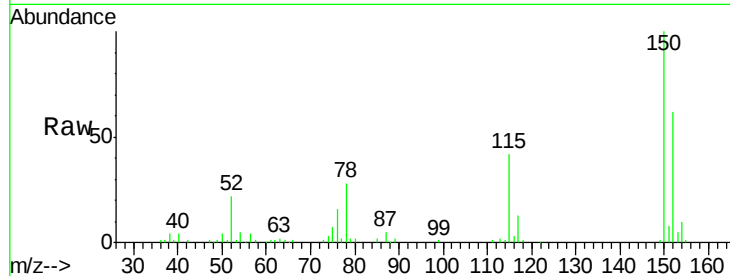
Tgt Ion:152 Resp: 86090

Ion Ratio Lower Upper

152 100

150 160.9 123.8 185.6

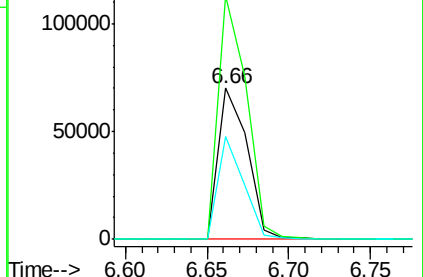
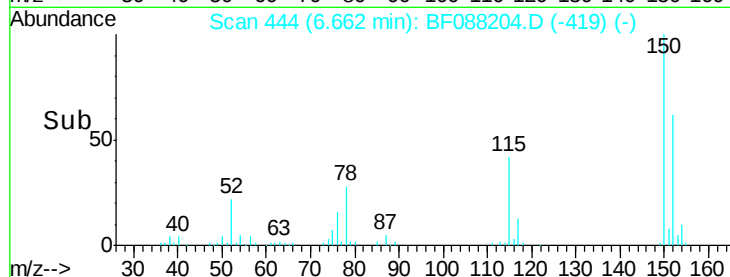
115 68.3 39.6 59.4#



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: 123.22 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

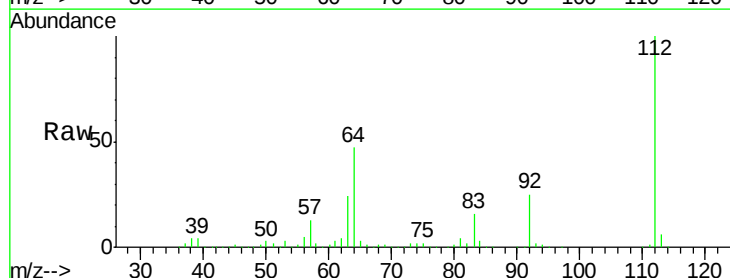
Tgt Ion:112 Resp: 620498

Ion Ratio Lower Upper

112 100

64 46.8 42.2 63.2

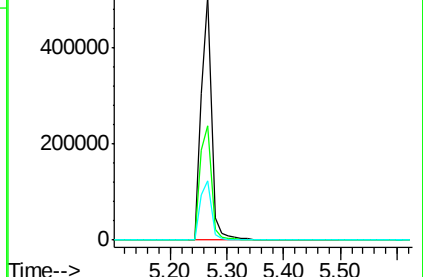
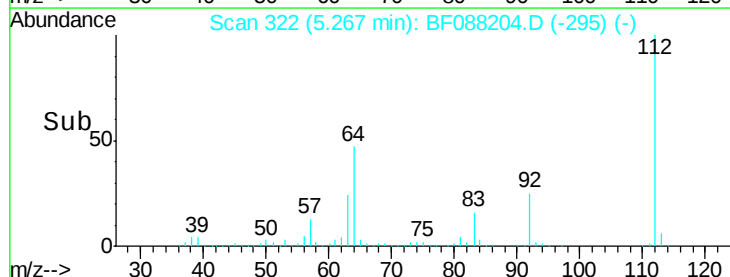
63 24.1 21.8 32.8

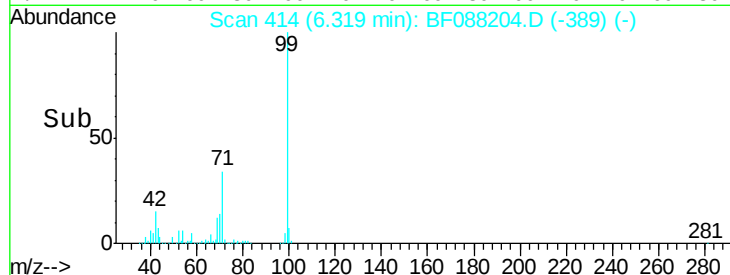
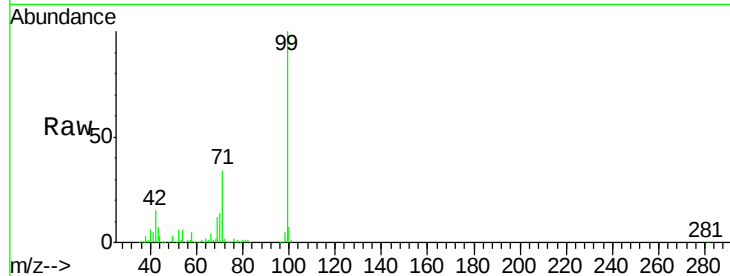


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.91 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

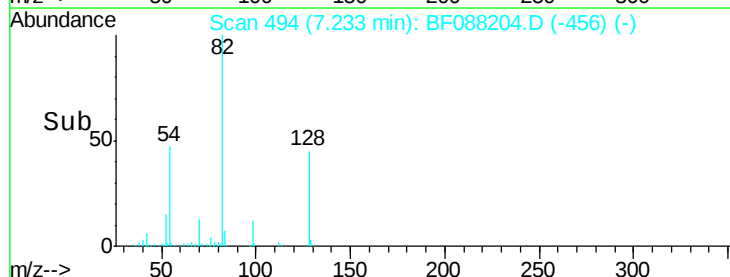
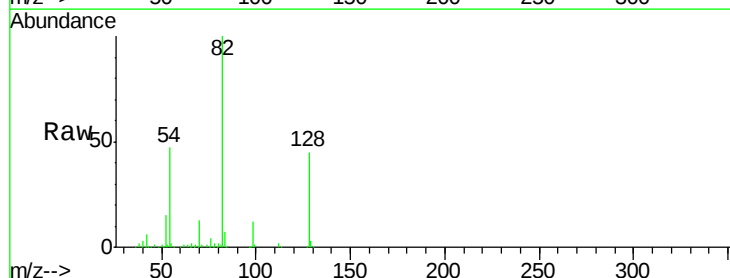
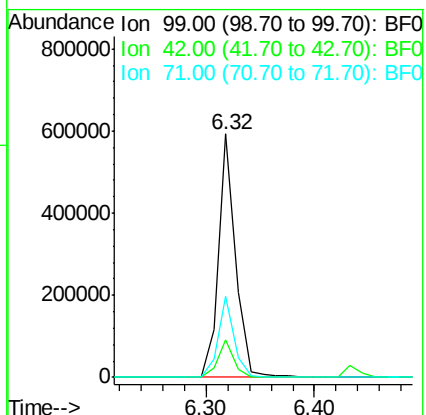
Tgt Ion: 99 Resp: 652476

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.34 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.14 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Tgt Ion: 70 Resp: 52075

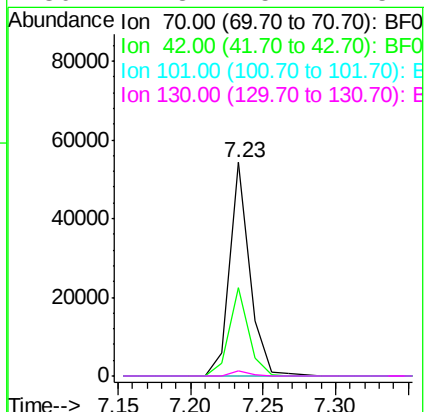
Ion Ratio Lower Upper

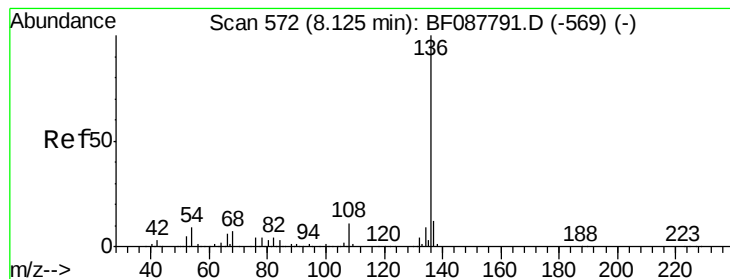
70 100

42 41.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

Tgt Ion: 136 Resp: 347246

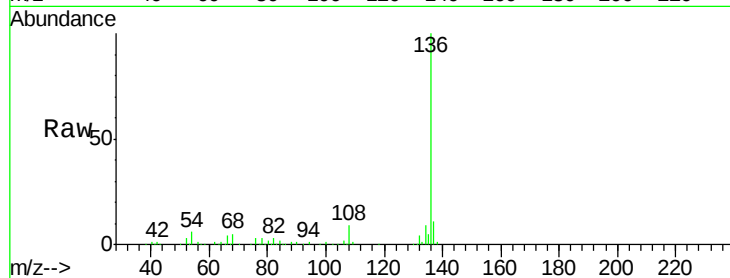
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 6.6 10.0#

68 5.1 5.1 7.7#

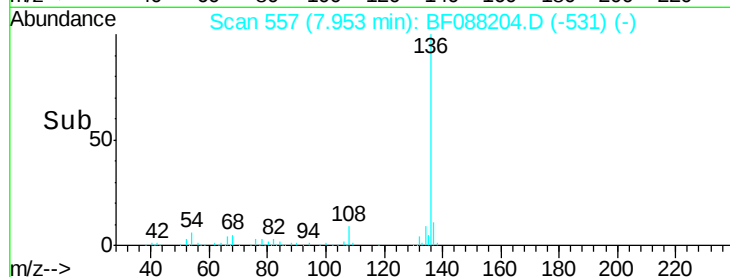


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

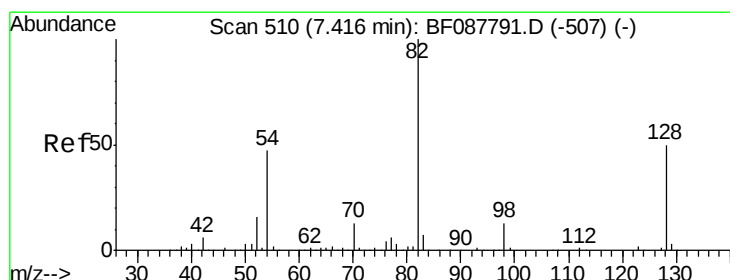
Ion 136.00 (135.70 to 136.70): E

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: 67.34 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

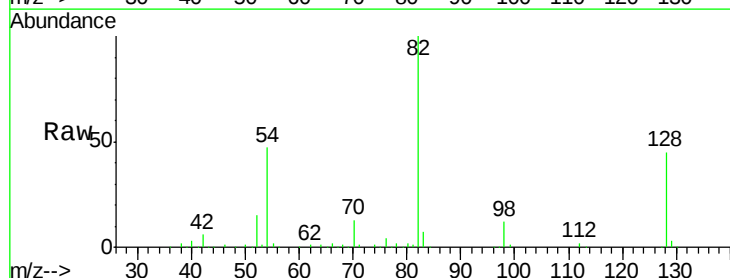
Tgt Ion: 82 Resp: 400415

Ion Ratio Lower Upper

82 100

128 45.3 35.9 53.9

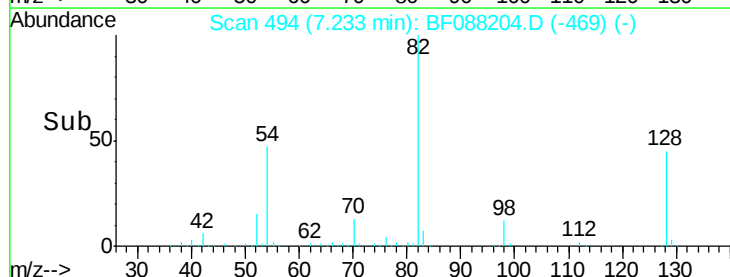
54 47.1 40.9 61.3



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



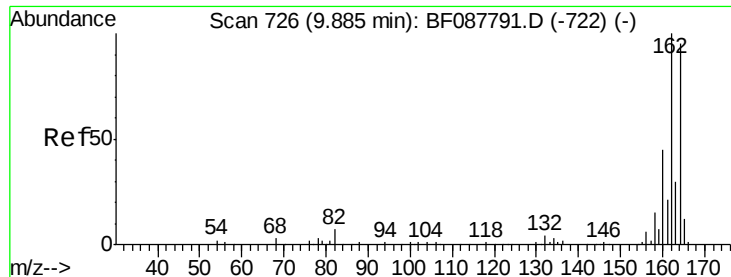
Abundance

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-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

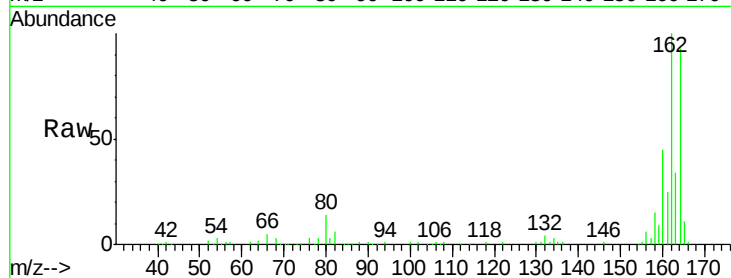
Tgt Ion:164 Resp: 162591

Ion Ratio Lower Upper

164 100

162 107.5 85.4 128.2

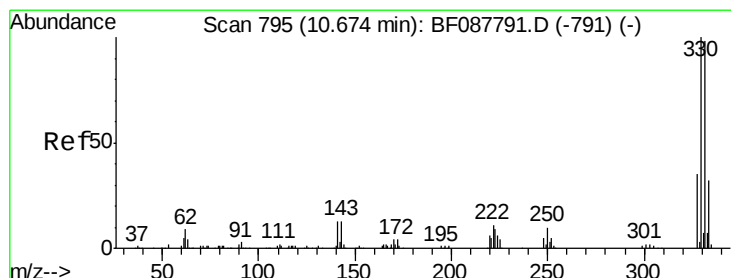
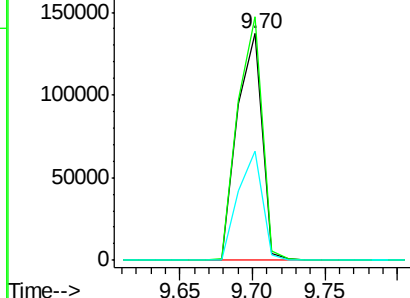
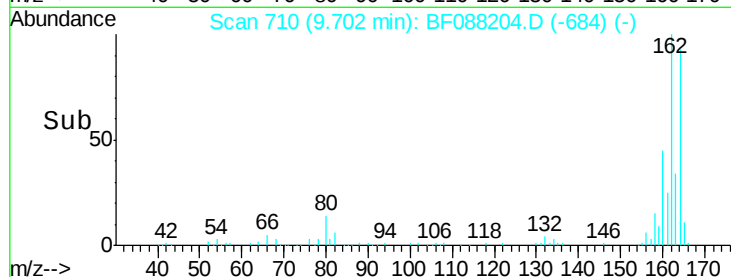
160 48.1 39.5 59.3



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: 102.61 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

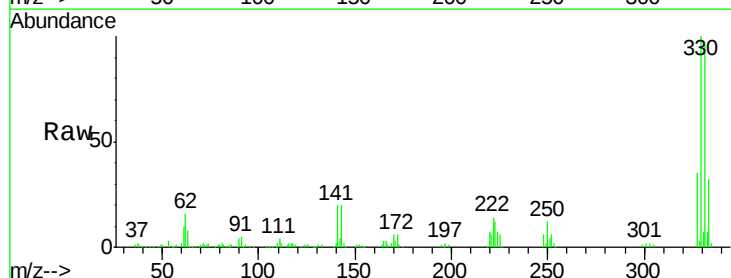
Tgt Ion:330 Resp: 176154

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

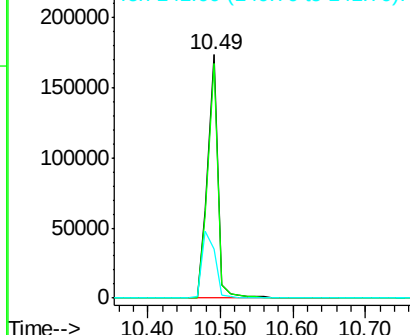
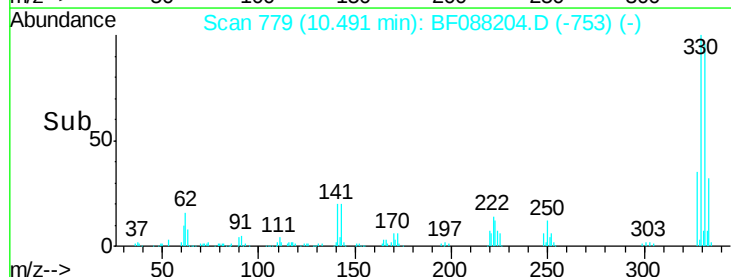
141 34.9 0.0 0.0#



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

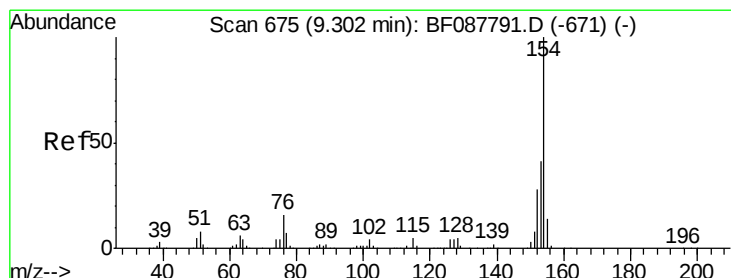
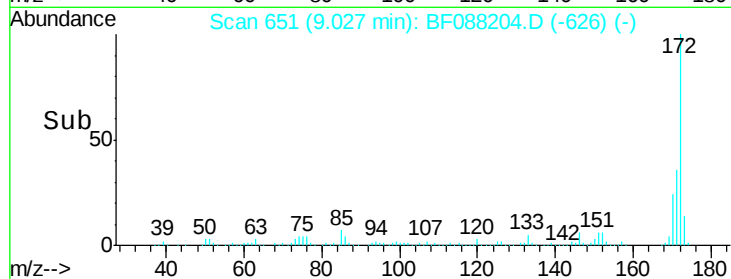
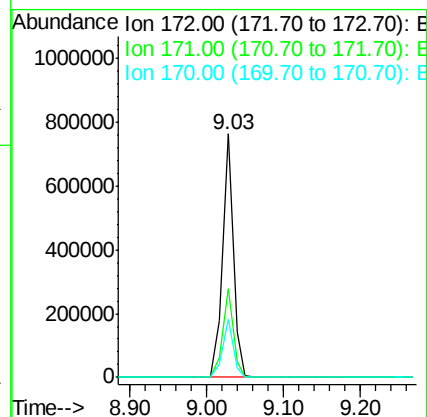
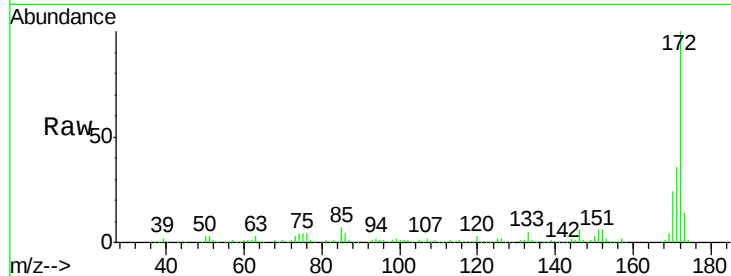




#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

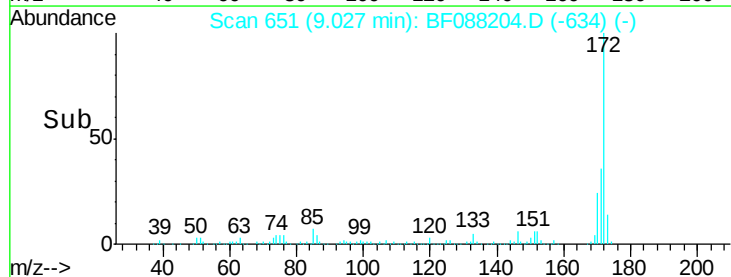
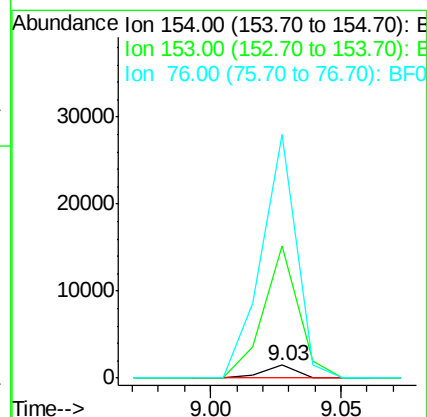
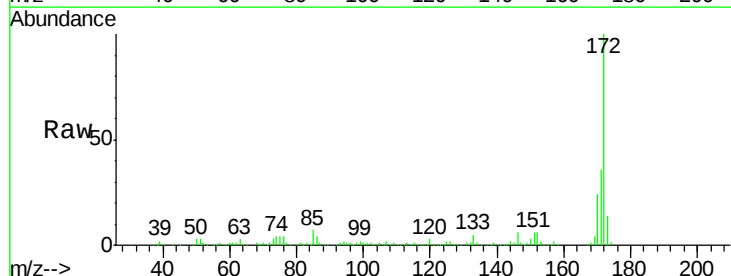
Instrument :
 BNA_F
 ClientSampleId :
 08-B3(0-6)C

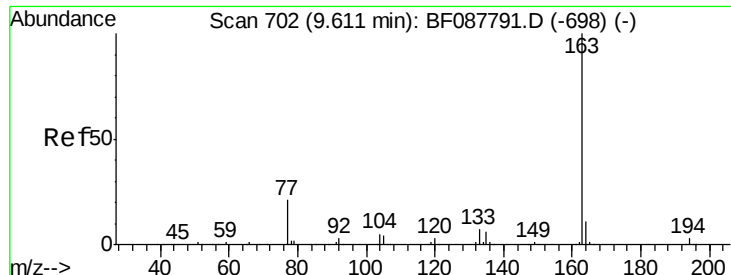
Tgt Ion:172 Resp: 751050
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.10 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

Tgt Ion:154 Resp: 1269
 Ion Ratio Lower Upper
 154 100
 153 1036.2 20.6 60.6#
 76 1899.8 0.0 35.1#





#49

Dimethylphthalate

Concen: 25.84 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

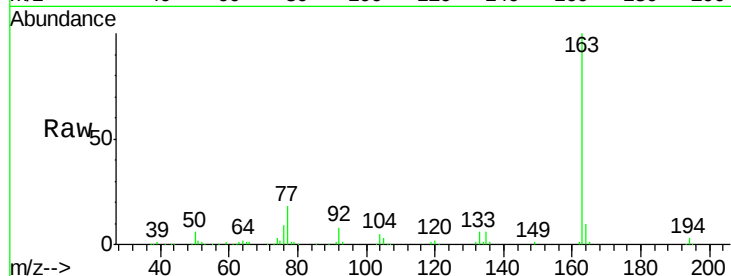
Tgt Ion:163 Resp: 304295

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

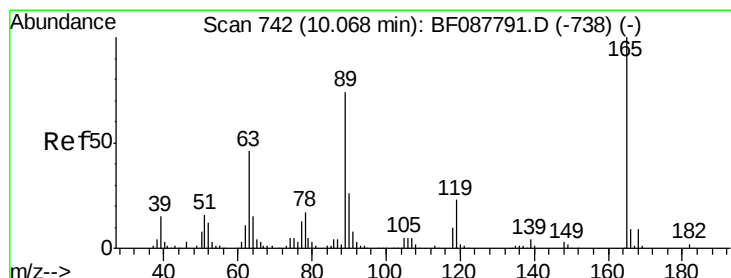
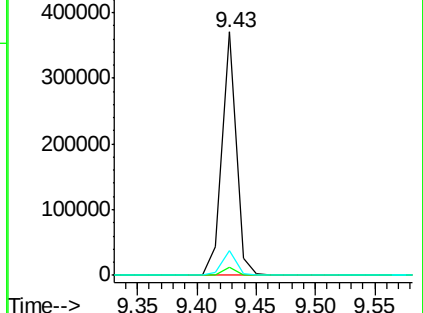
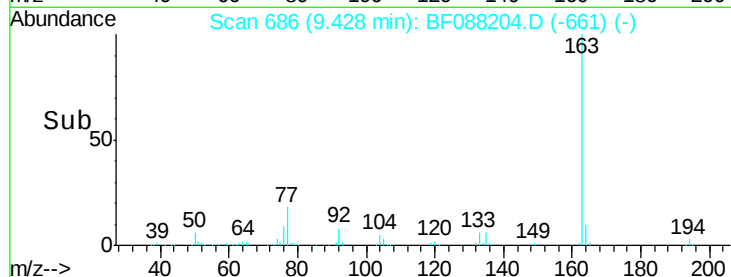
164 10.3 8.3 12.5



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: 5.91 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.21 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Tgt Ion:165 Resp: 20494

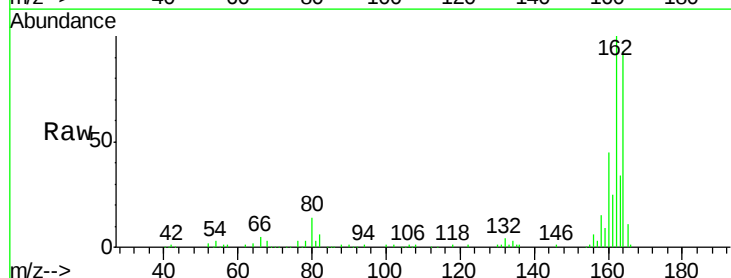
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

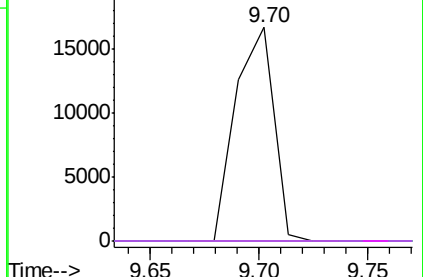
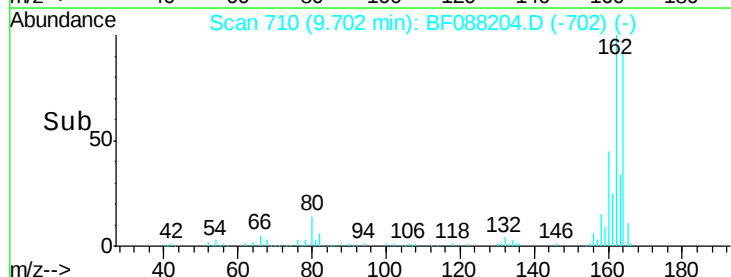


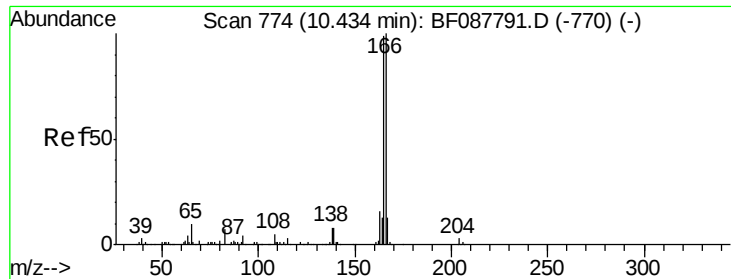
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.48 min Scan# 778

Delta R.T. 0.23 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

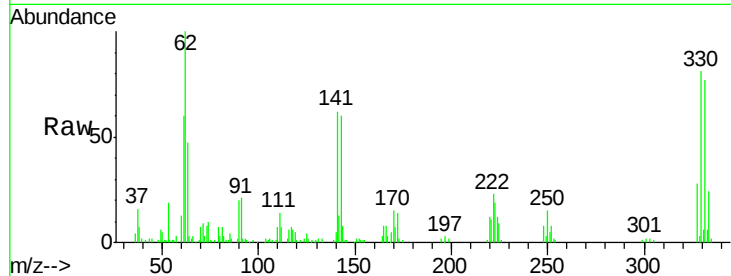
Tgt Ion:166 Resp: 7946

Ion Ratio Lower Upper

166 100

165 106.9 77.8 116.8

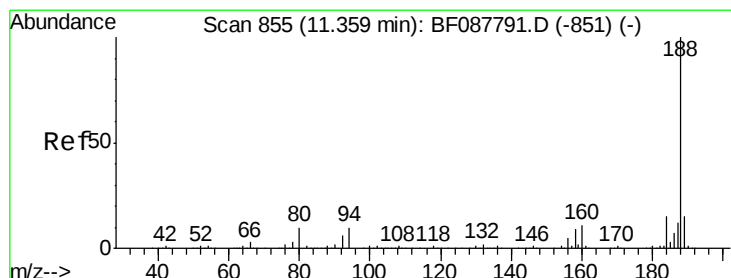
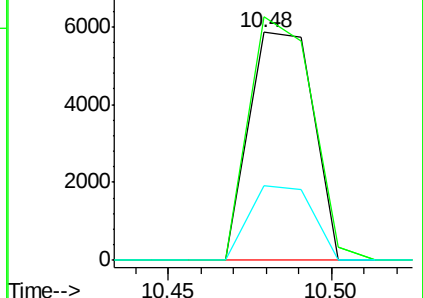
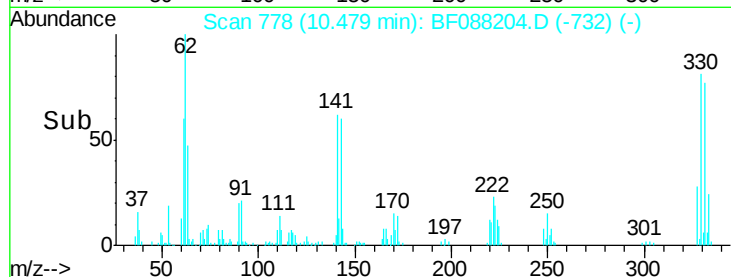
167 33.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

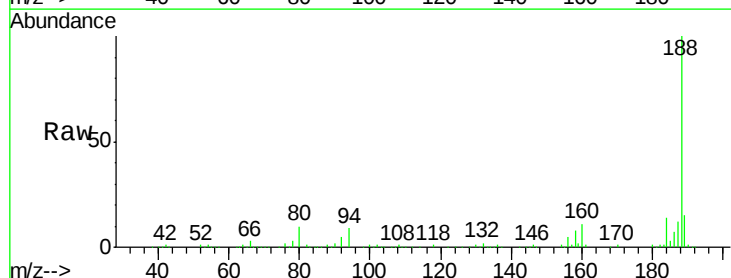
Tgt Ion:188 Resp: 310952

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.6

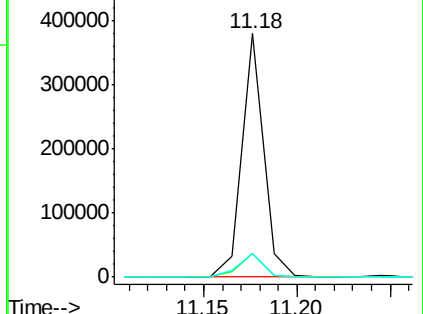
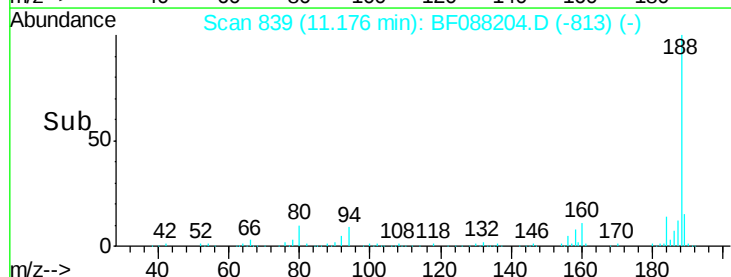
80 9.6 10.0 15.0#

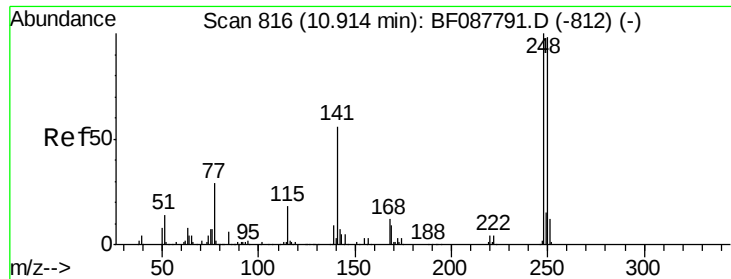


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

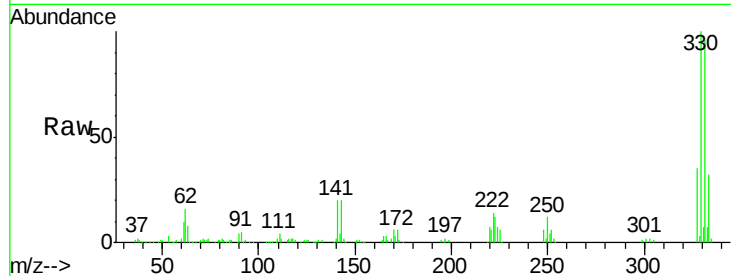




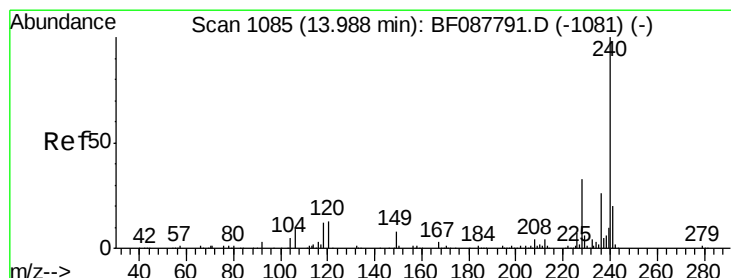
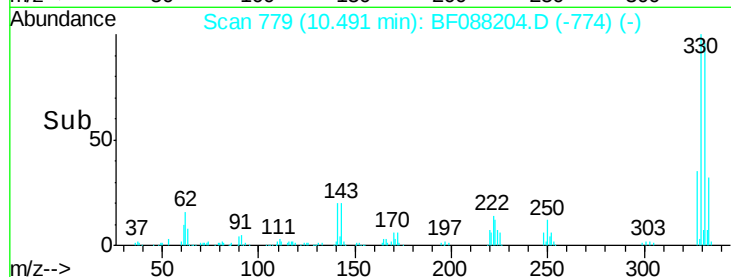
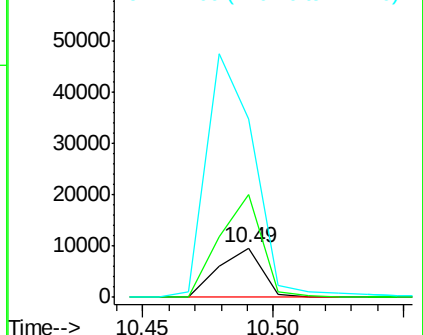
#66
 4-Bromophenyl-phenylether
 Concen: 3.33 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.24 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(0-6)C

Tgt Ion:248 Resp: 11120
 Ion Ratio Lower Upper
 248 100
 250 207.5 77.1 115.7#
 141 362.5 50.6 76.0#

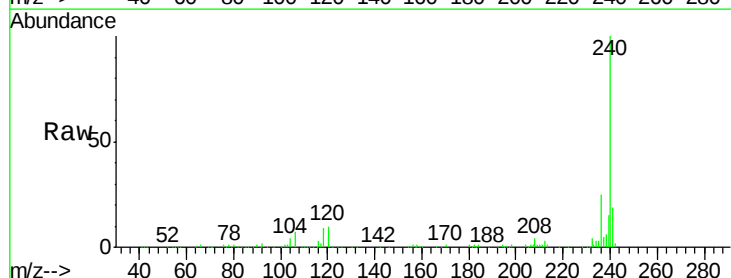


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

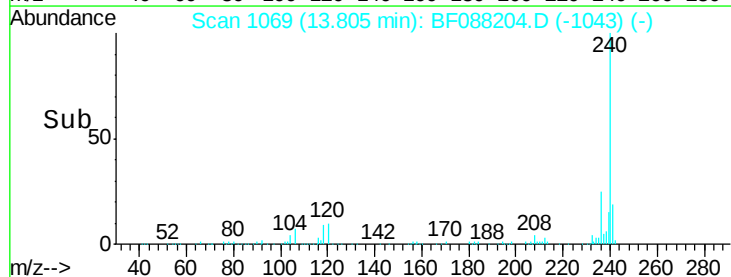
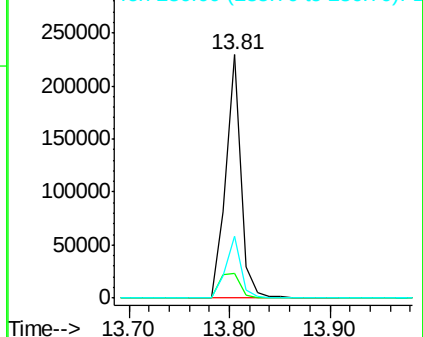


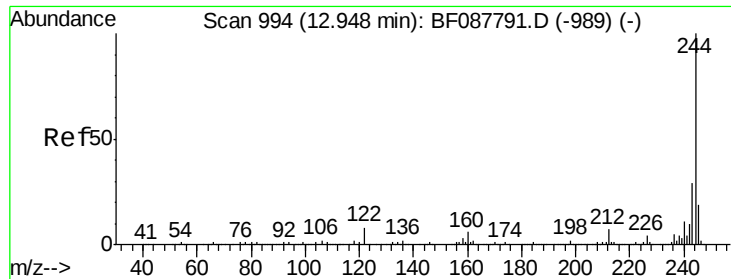
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

Tgt Ion:240 Resp: 240289
 Ion Ratio Lower Upper
 240 100
 120 10.2 6.8 10.2#
 236 25.4 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

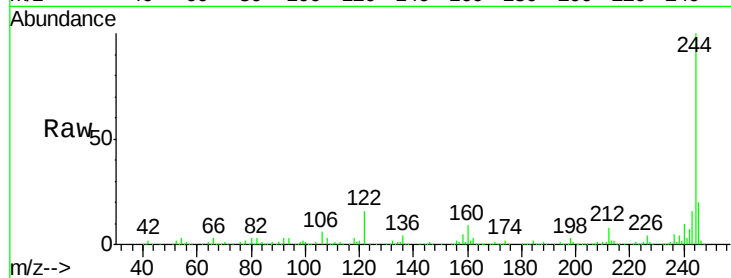




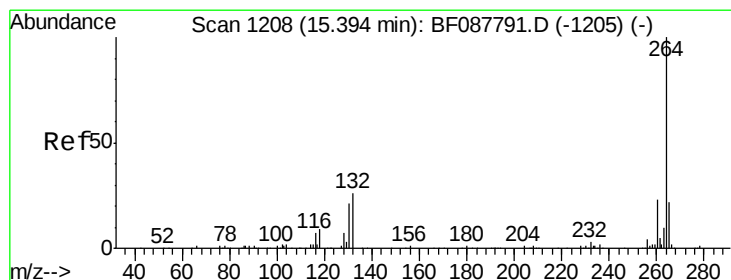
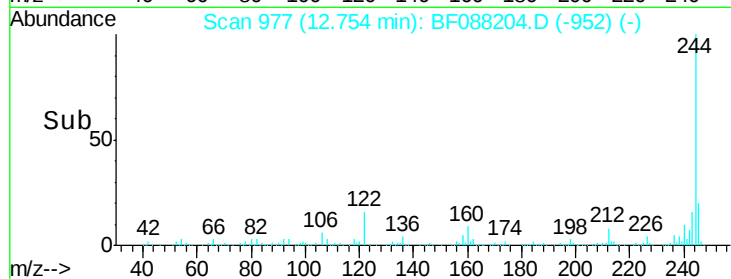
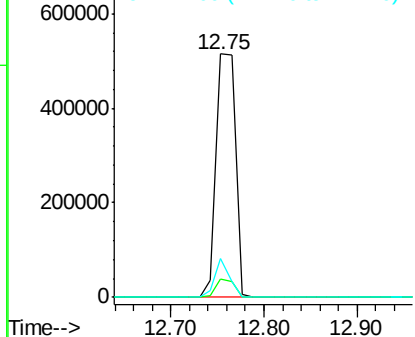
#78
 Terphenyl-d14
 Concen: 69.93 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(0-6)C

Tgt Ion:244 Resp: 738388
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 16.2 11.2 16.8

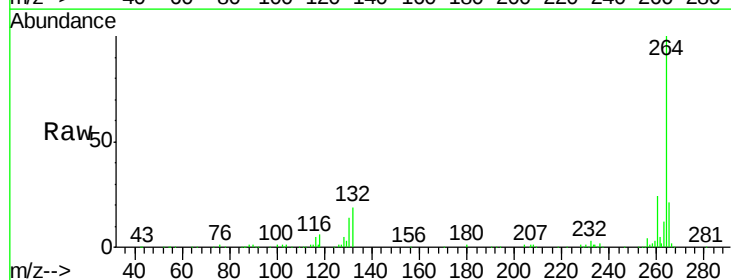


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

Tgt Ion:264 Resp: 186615
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 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

