

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088194.D
 Acq On : 21 Jun 2016 2:42
 Operator : UM/SJ
 Sample : H3591-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Jun 21 04:07:21 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

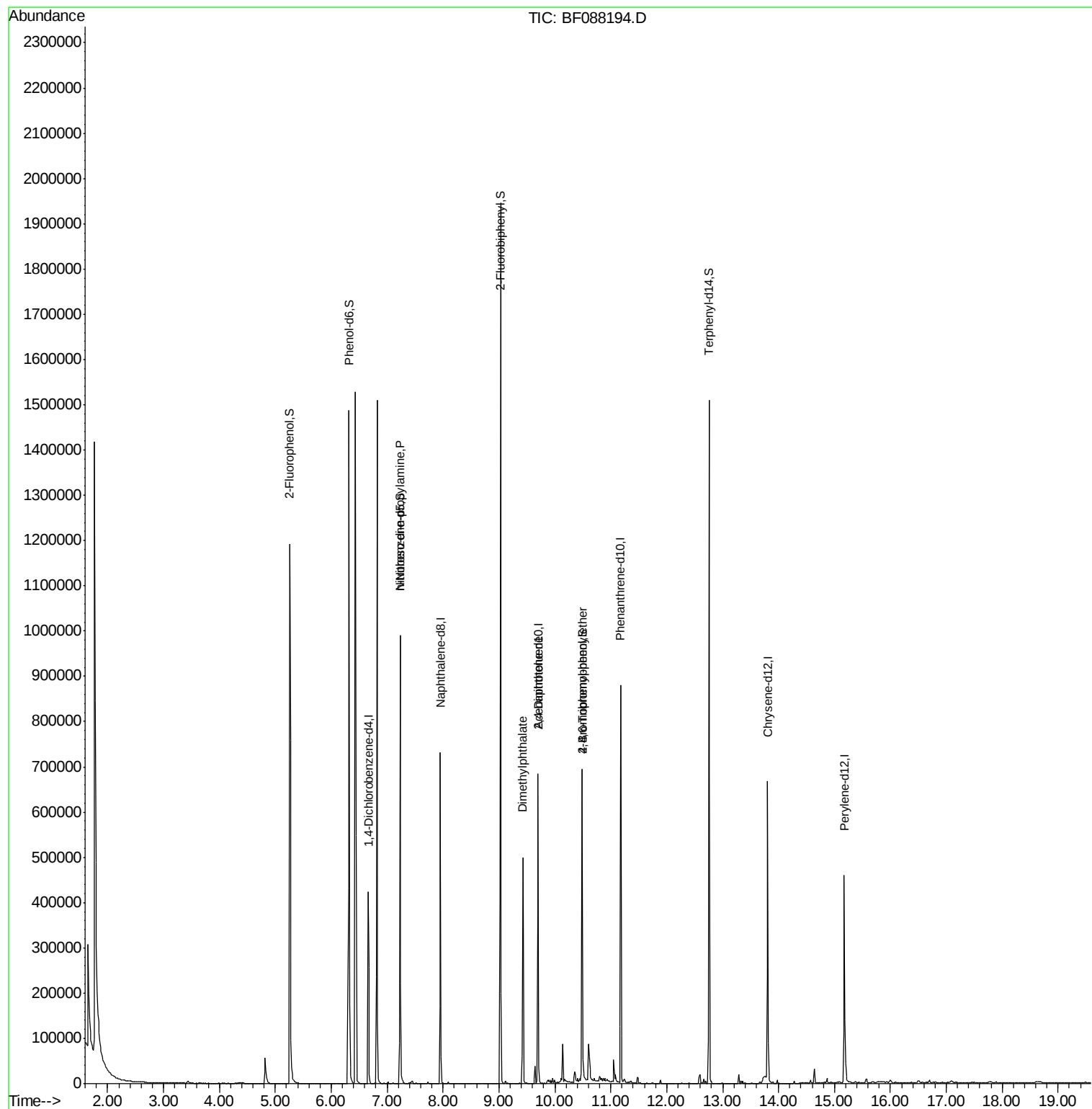
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	86043	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	354496	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	165701	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	309071	20.00	ng	0.00
75) Chrysene-d12	13.80	240	245522	20.00	ng	0.00
86) Perylene-d12	15.18	264	192682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	480454	95.46	ng	0.00
7) Phenol-d6	6.32	99	577026	94.60	ng	-0.01
23) Nitrobenzene-d5	7.23	82	333085	54.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	130505	74.59	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	610860	56.02	ng	-0.01
78) Terphenyl-d14	12.75	244	536637	49.74	ng	-0.01
Target Compounds						
10) Phenol	6.33	94	5283	Below Cal	#	48
19) n-Nitroso-di-n-propylamine	7.23	70	41780	10.71 ng	#	71
45) 1,1'-Biphenyl	9.03	154	1164	Below Cal	#	1
49) Dimethylphthalate	9.43	163	201435	16.78 ng		99
56) 2,4-Dinitrotoluene	9.70	165	20879	5.91 ng	#	36
57) Fluorene	10.48	166	6171	Below Cal	#	82
66) 4-Bromophenyl-phenylether	10.49	248	8236	2.48 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088194.D
Acq On : 21 Jun 2016 2:42
Operator : UM/SJ
Sample : H3591-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-2

Quant Time: Jun 21 04:07:21 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

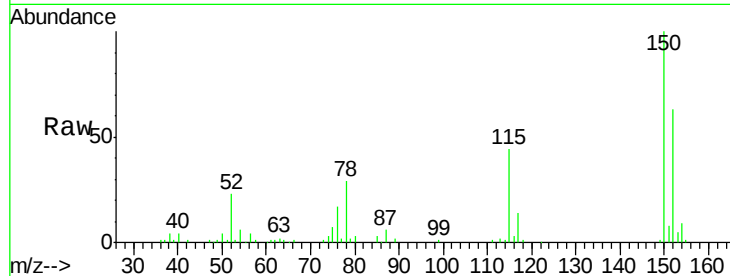




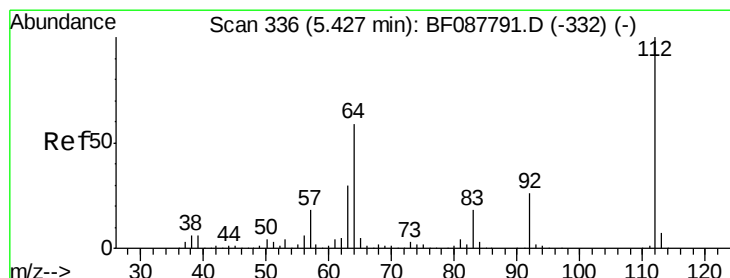
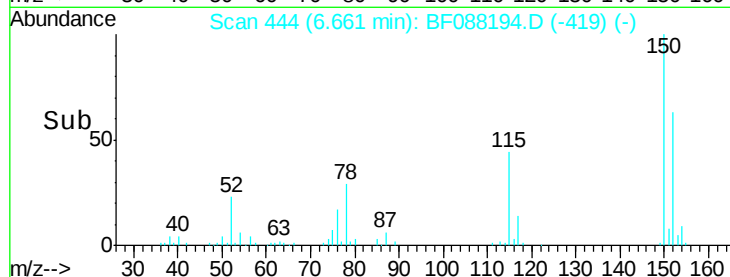
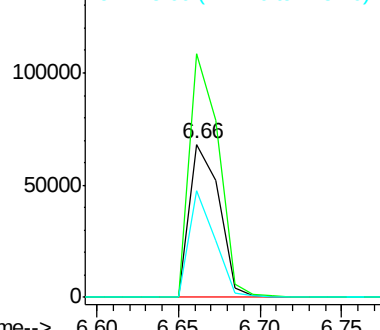
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

Instrument :
 BNA_F
 ClientSampled :
 W-2

Tgt Ion:152 Resp: 86043
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.8 185.6
 115 69.5 39.6 59.4#

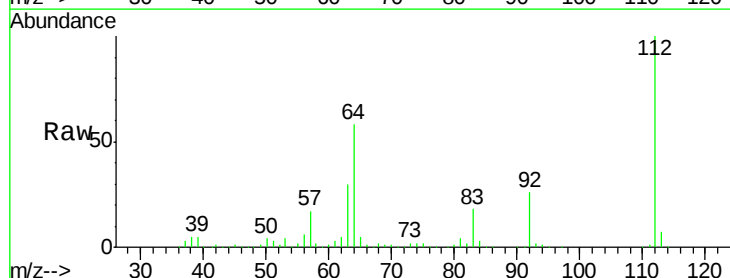


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

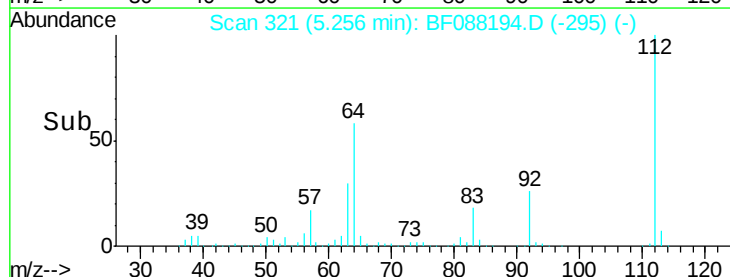
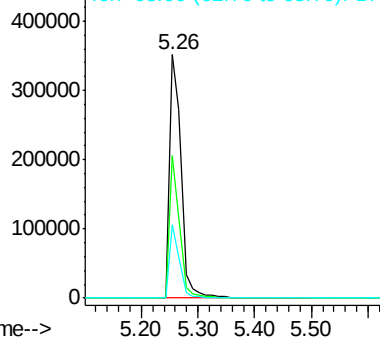


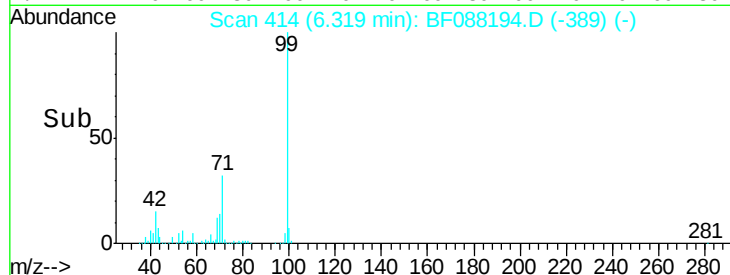
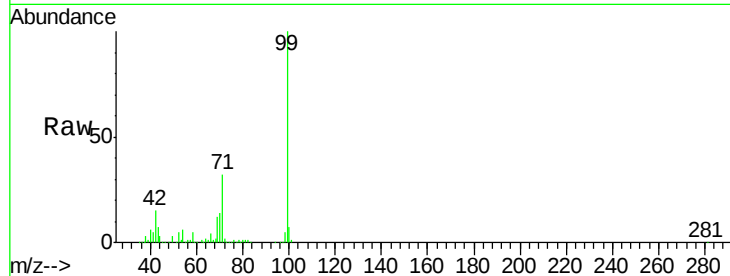
#5
 2-Fluorophenol
 Concen: 95.46 ng
 RT: 5.26 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

Tgt Ion:112 Resp: 480454
 Ion Ratio Lower Upper
 112 100
 64 58.5 42.2 63.2
 63 30.0 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: 94.60 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088194.D

Acq: 21 Jun 2016 2:42

Instrument :

BNA_F

ClientSampleId :

W-2

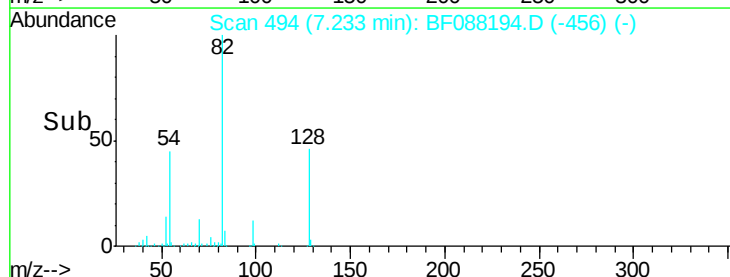
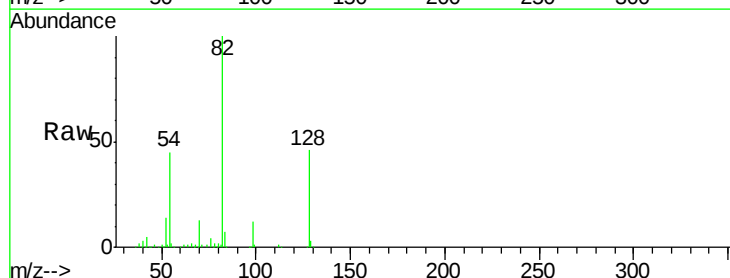
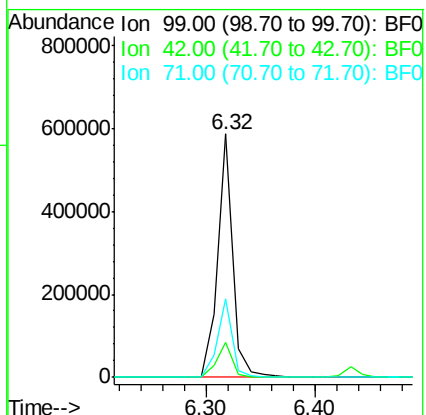
Tgt Ion: 99 Resp: 577026

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

71 32.2 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.71 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.14 min

Lab File: BF088194.D

Acq: 21 Jun 2016 2:42

Tgt Ion: 70 Resp: 41780

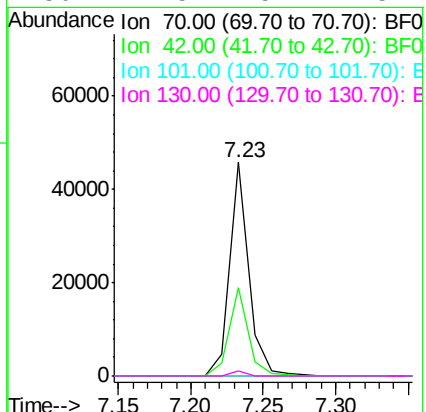
Ion Ratio Lower Upper

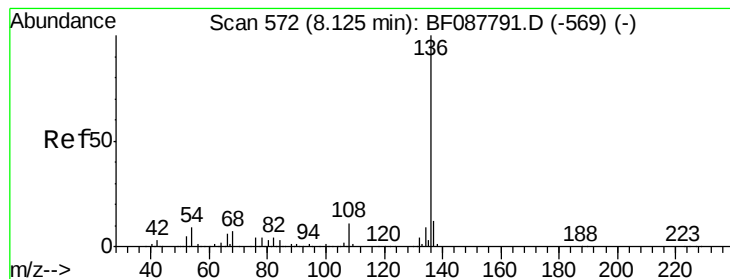
70 100

42 41.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 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: BF088194.D

Acq: 21 Jun 2016 2:42

Instrument :

BNA_F

ClientSampleId :

W-2

Tgt Ion:136 Resp: 354496

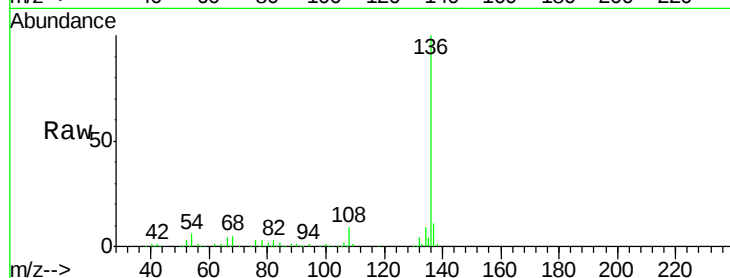
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 6.6 10.0#

68 5.1 5.1 7.7#

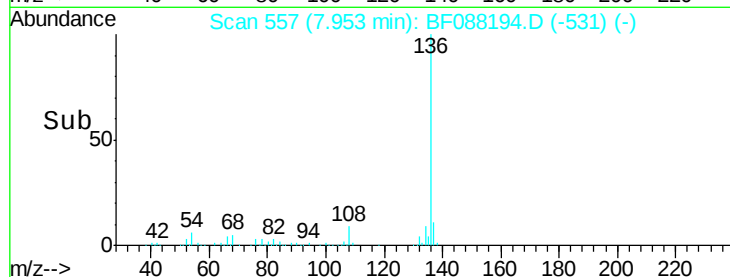


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

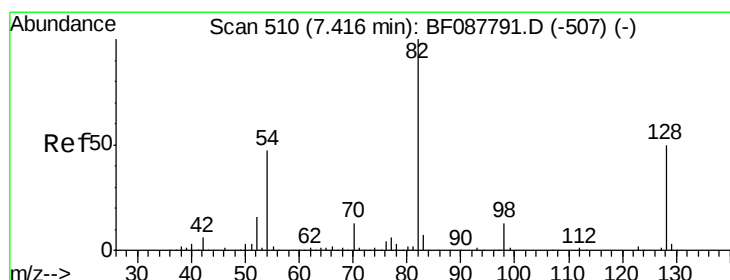
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.95



#23

Nitrobenzene-d5

Concen: 54.87 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088194.D

Acq: 21 Jun 2016 2:42

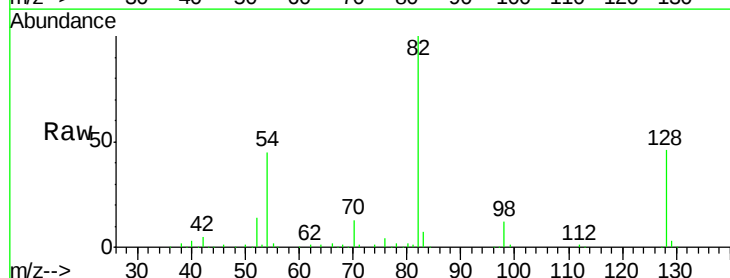
Tgt Ion: 82 Resp: 333085

Ion Ratio Lower Upper

82 100

128 46.0 35.9 53.9

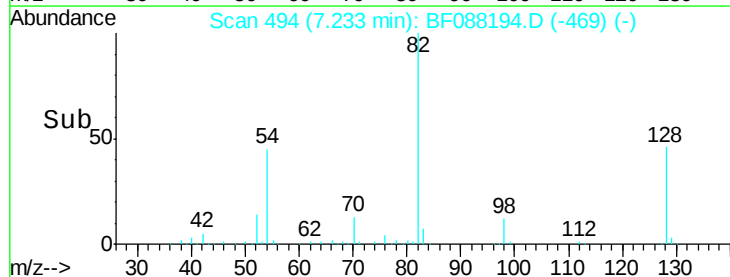
54 45.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

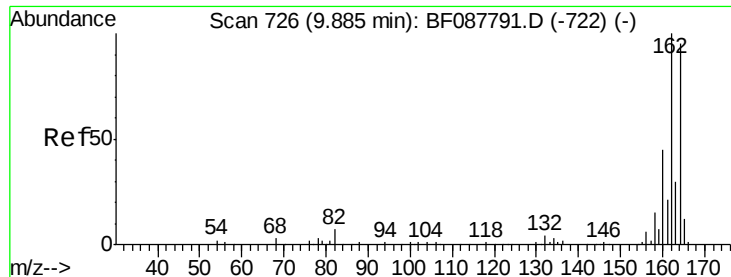
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

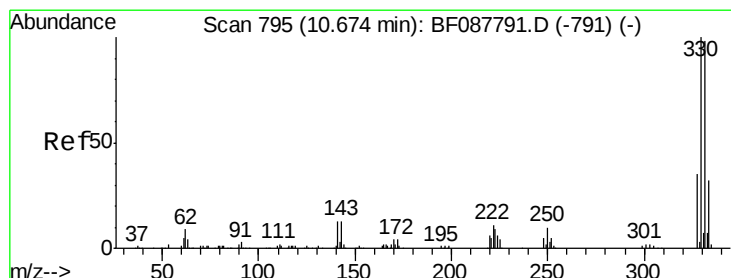
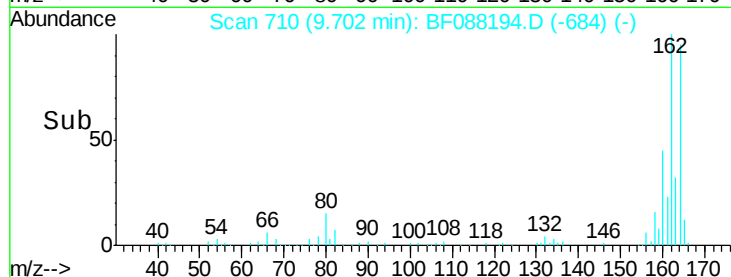
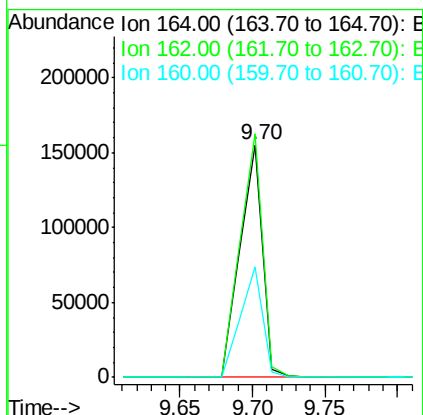
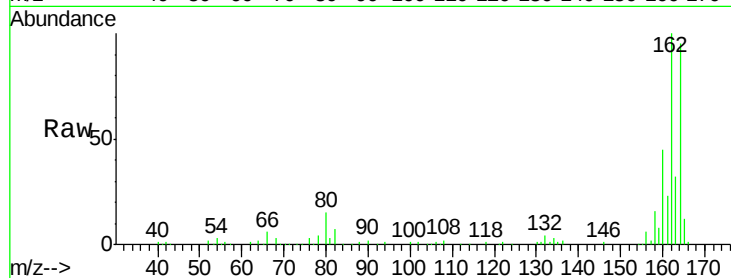
7.23



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

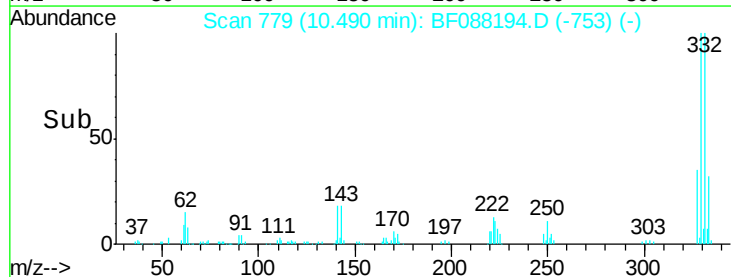
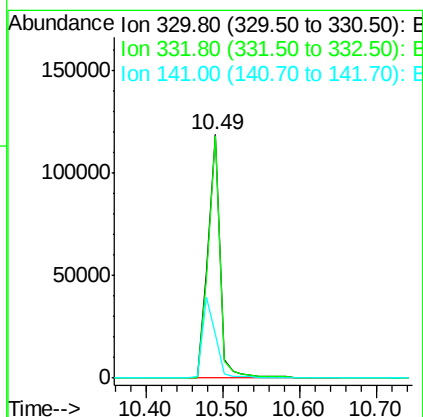
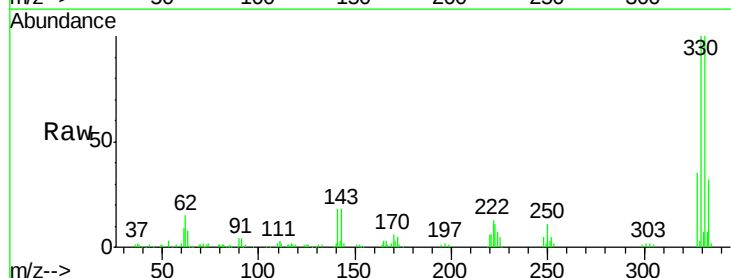
Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tgt Ion:164 Resp: 165701
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 47.4 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 74.59 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

Tgt Ion:330 Resp: 130505
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 35.3 0.0 0.0#

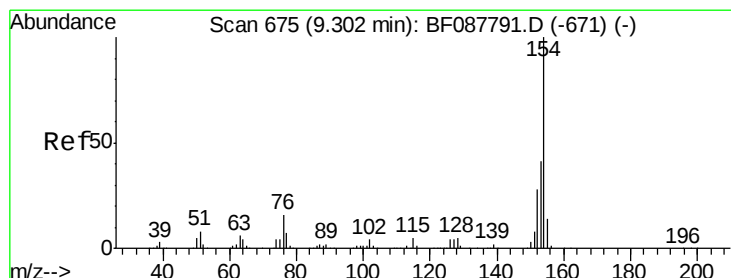
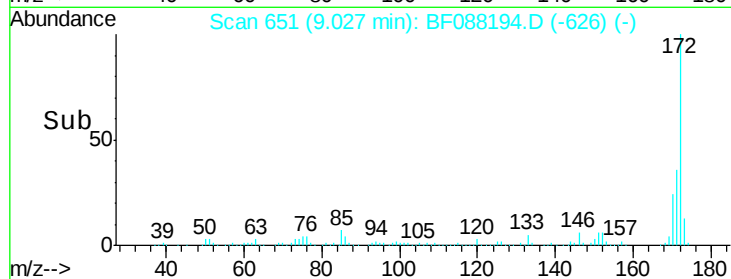
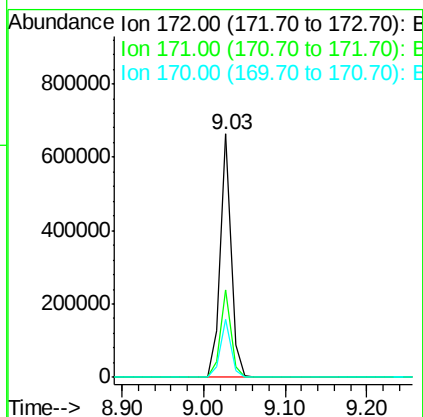
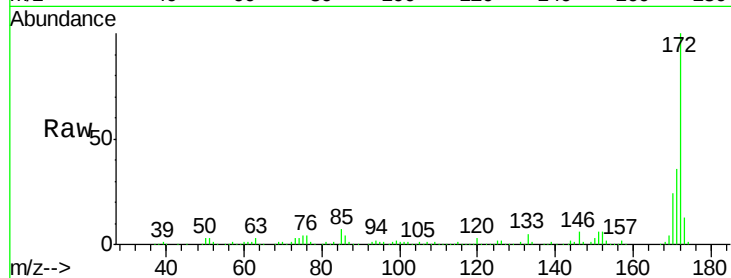




#44
 2-Fluorobiphenyl
 Concen: 56.02 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

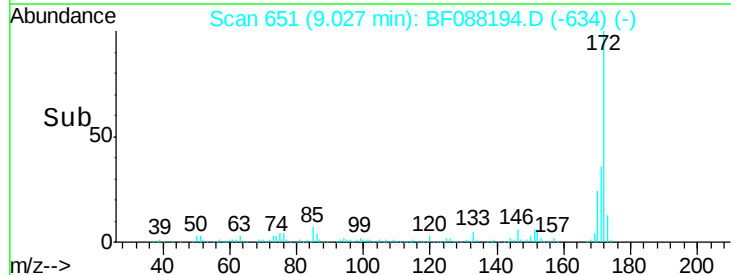
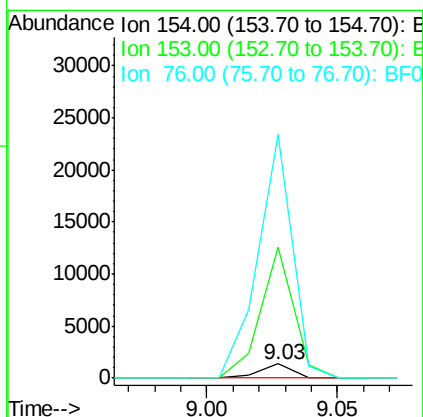
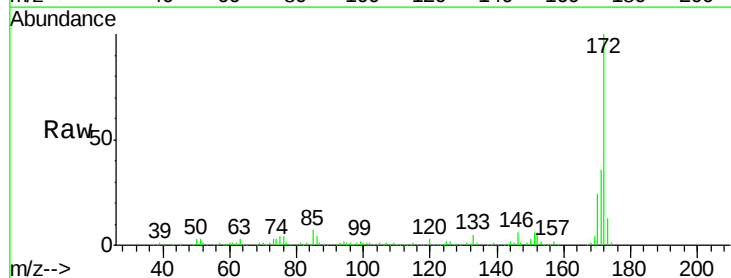
Instrument :
 BNA_F
 ClientSampleId :
 W-2

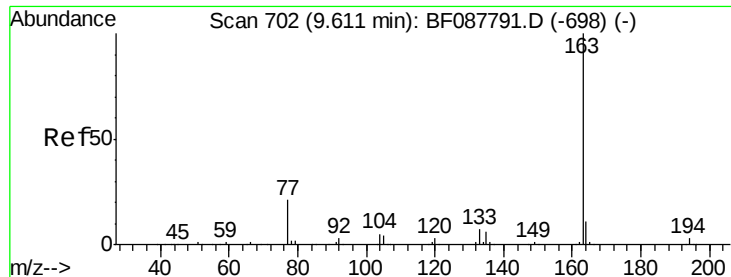
Tgt Ion:172 Resp: 610860
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.10 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

Tgt Ion:154 Resp: 1164
 Ion Ratio Lower Upper
 154 100
 153 920.1 20.6 60.6#
 76 1717.5 0.0 35.1#





#49

Dimethylphthalate

Concen: 16.78 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088194.D

Acq: 21 Jun 2016 2:42

Instrument :

BNA_F

ClientSampleId :

W-2

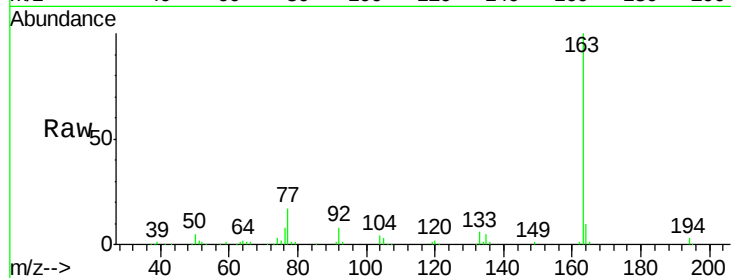
Tgt Ion:163 Resp: 201435

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

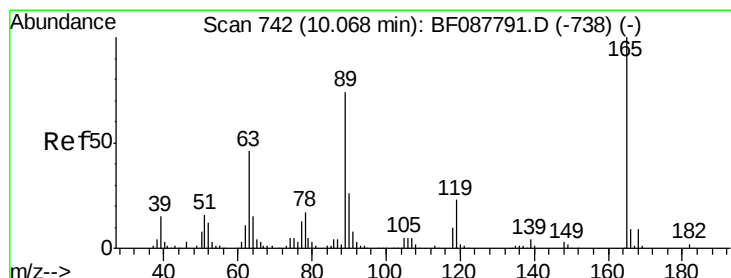
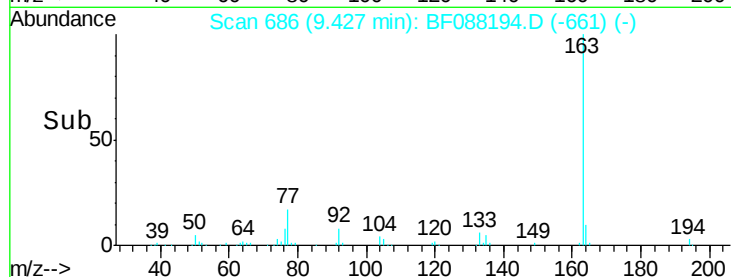
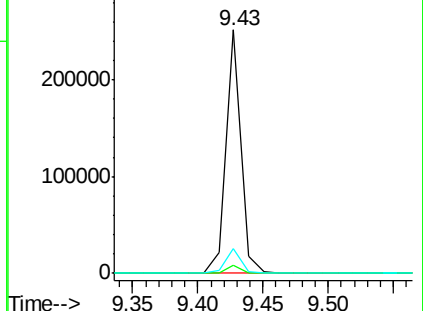
164 10.1 8.3 12.5



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: BF088194.D

Acq: 21 Jun 2016 2:42

Tgt Ion:165 Resp: 20879

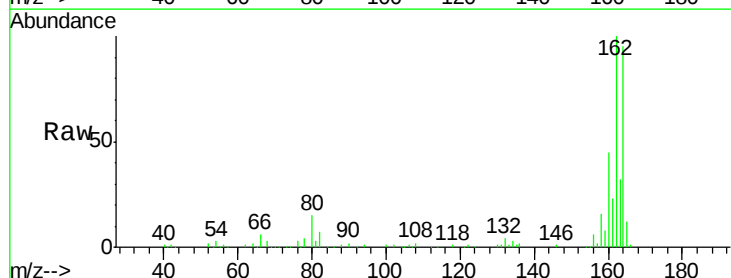
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

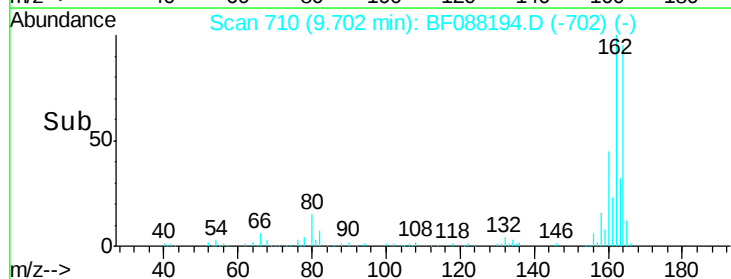
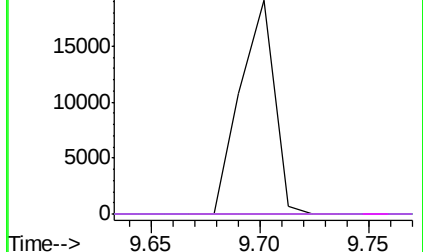


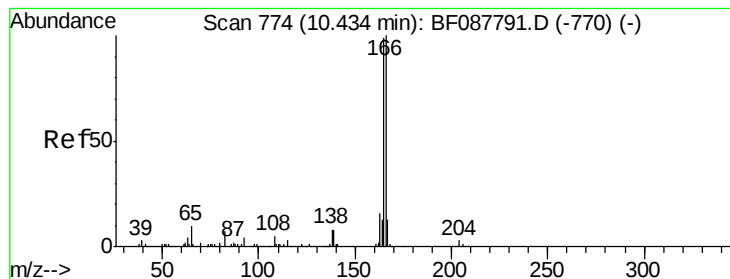
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088194.D

Acq: 21 Jun 2016 2:42

Instrument :

BNA_F

ClientSampleId :

W-2

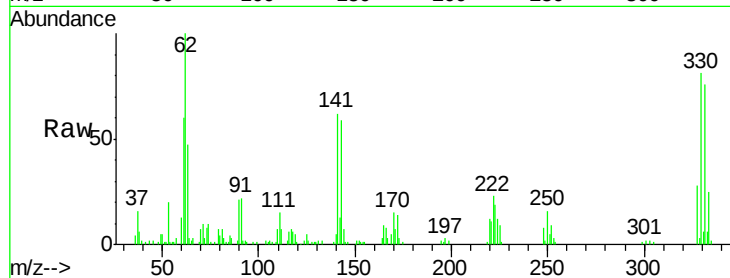
Tgt Ion:166 Resp: 6171

Ion Ratio Lower Upper

166 100

165 110.5 77.8 116.8

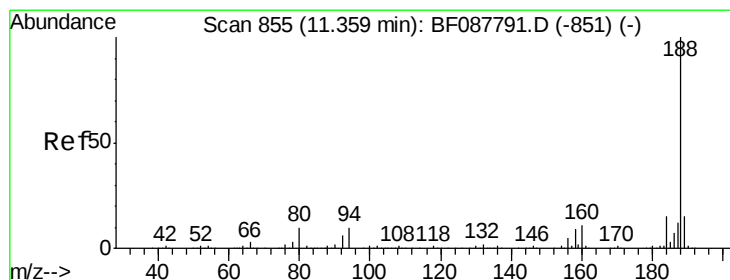
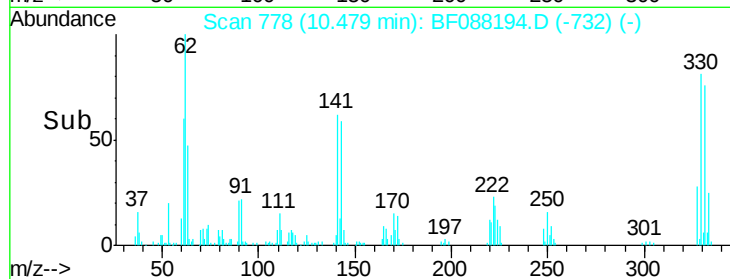
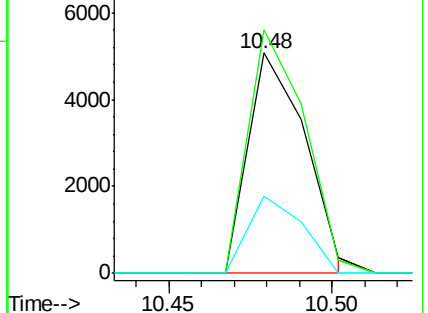
167 35.3 11.2 16.8#



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: BF088194.D

Acq: 21 Jun 2016 2:42

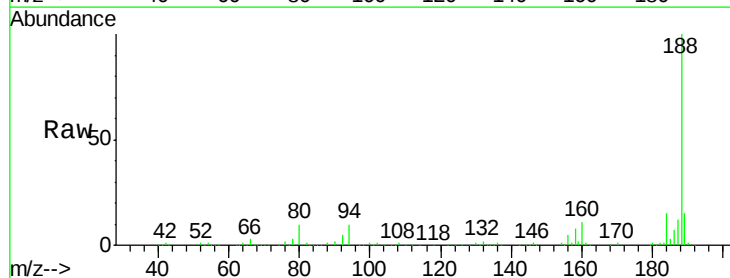
Tgt Ion:188 Resp: 309071

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.6

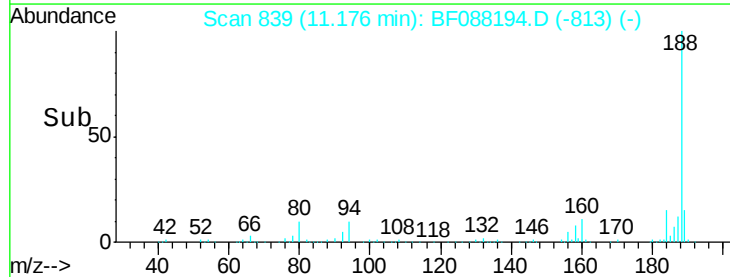
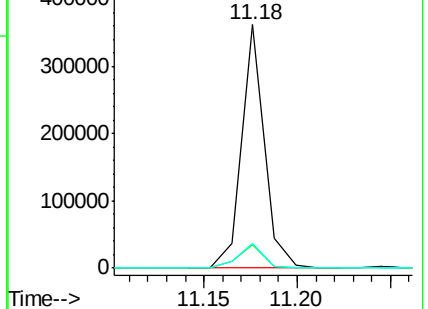
80 10.0 10.0 15.0#

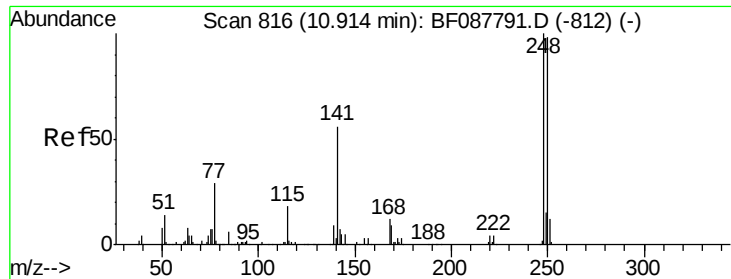


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

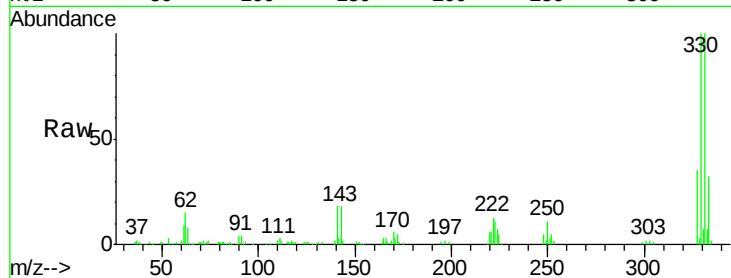




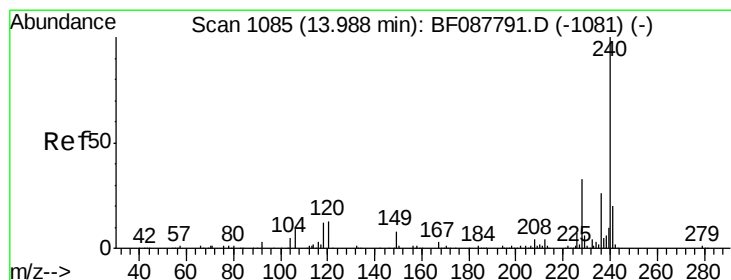
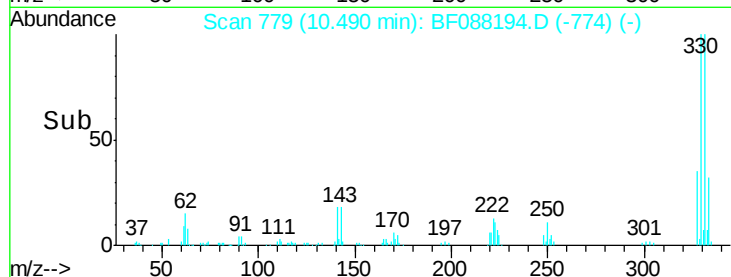
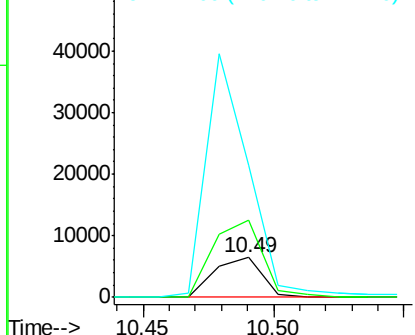
#66
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088194.D
Acq: 21 Jun 2016 2:42

Instrument :
BNA_F
ClientSampled :
W-2

Tgt Ion: 248 Resp: 8236
Ion Ratio Lower Upper
248 100
250 196.4 77.1 115.7#
141 336.1 50.6 76.0#

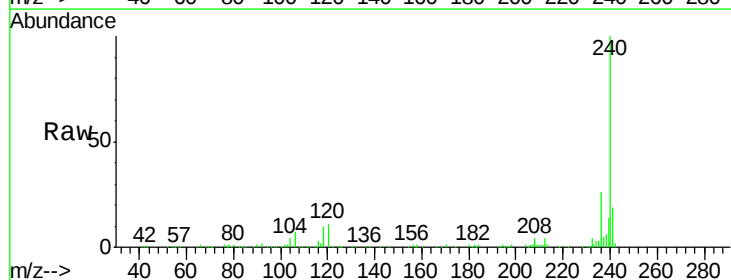


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

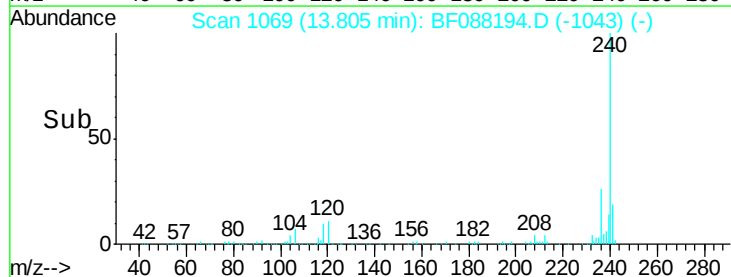
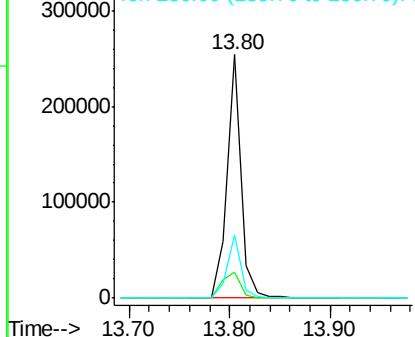


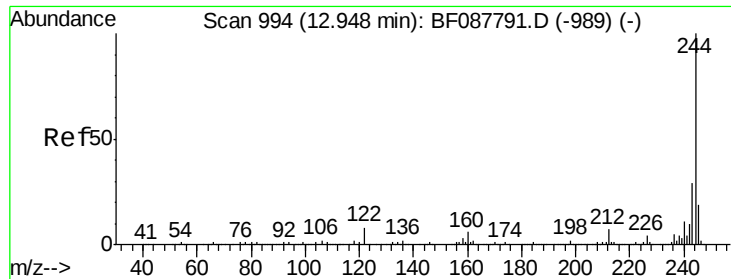
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088194.D
Acq: 21 Jun 2016 2:42

Tgt Ion: 240 Resp: 245522
Ion Ratio Lower Upper
240 100
120 10.8 6.8 10.2#
236 26.1 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

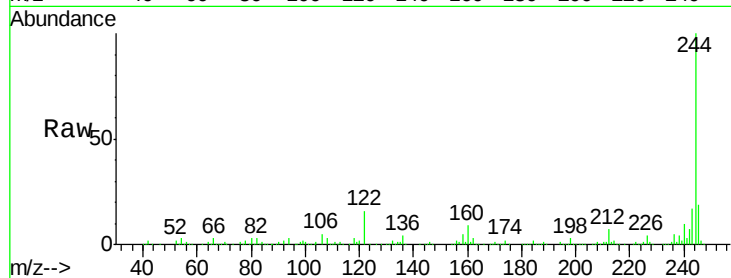




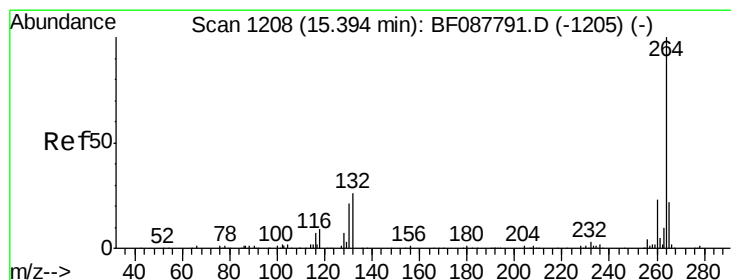
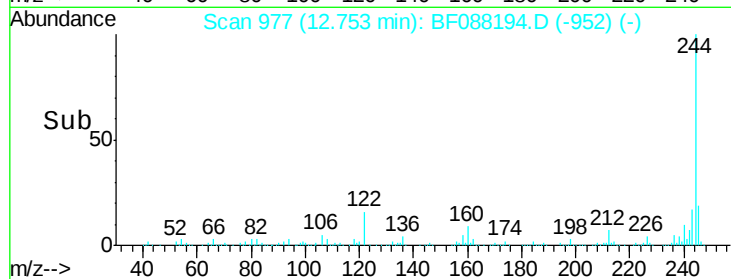
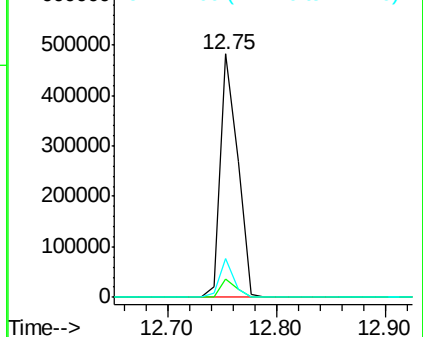
#78
 Terphenyl-d14
 Concen: 49.74 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tgt Ion:244 Resp: 536637
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 16.2 11.2 16.8

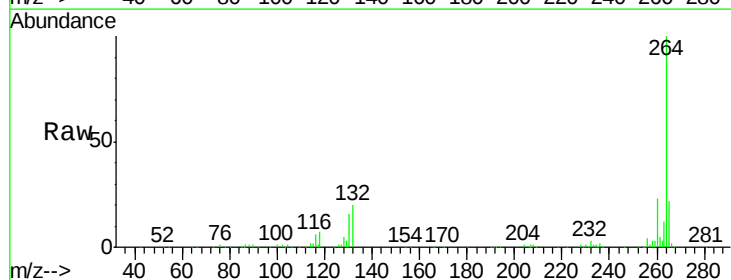


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088194.D
 Acq: 21 Jun 2016 2:42

Tgt Ion:264 Resp: 192682
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 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

