

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088195.D
 Acq On : 21 Jun 2016 3:11
 Operator : UM/SJ
 Sample : H3591-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-3

Quant Time: Jun 21 04:07:35 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

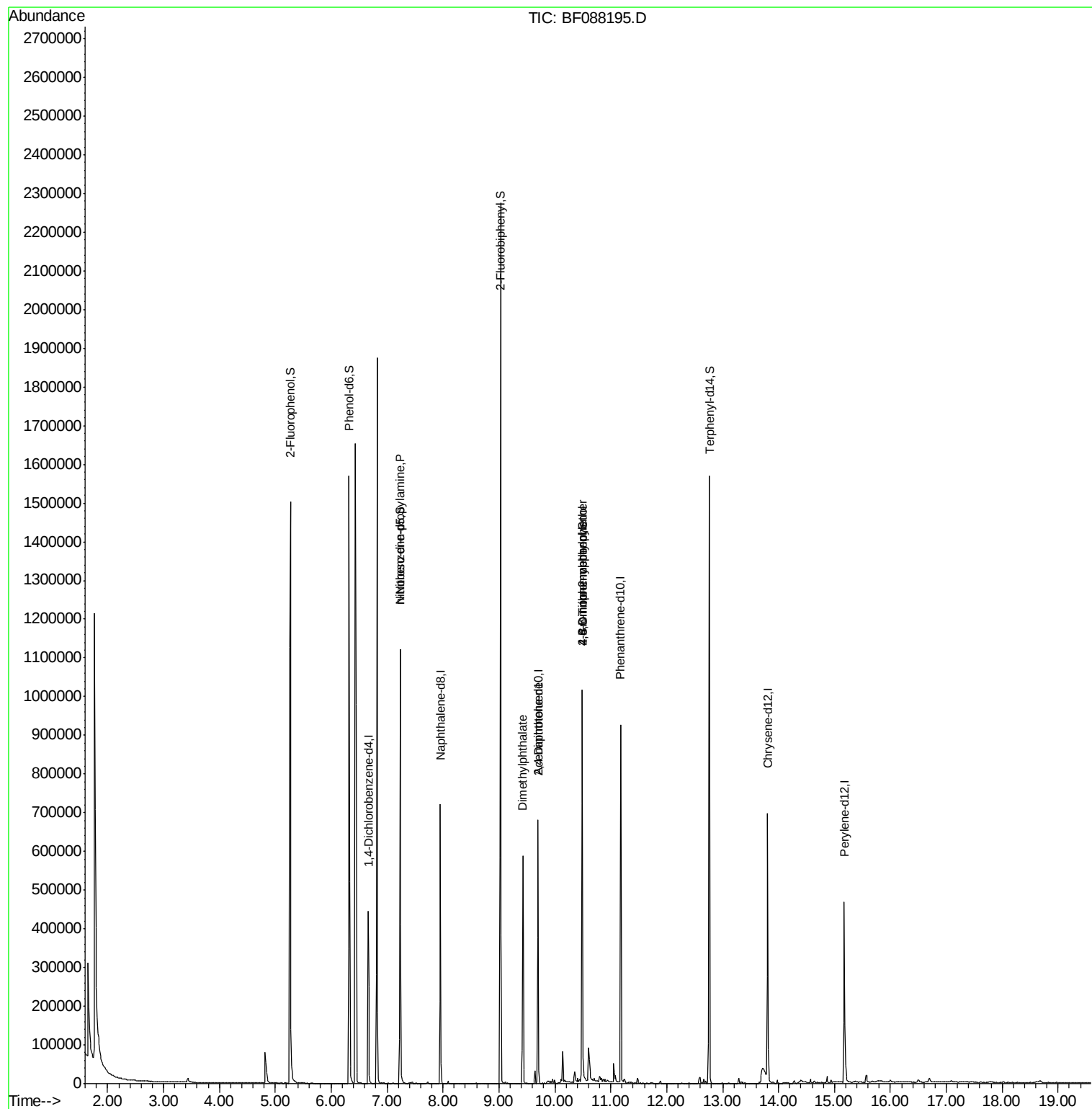
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	88052	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	362220	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	163026	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	319130	20.00	ng	0.00
75) Chrysene-d12	13.81	240	258910	20.00	ng	0.00
86) Perylene-d12	15.18	264	208230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	635538	123.39	ng	0.01
7) Phenol-d6	6.32	99	681307	109.15	ng	-0.01
23) Nitrobenzene-d5	7.23	82	414229	66.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	168794	98.06	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	769653	73.41	ng	-0.01
78) Terphenyl-d14	12.77	244	750641	65.97	ng	0.00
Target Compounds						
10) Phenol	6.33	94	6315	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	52876	13.24	ng	# 71
45) 1,1'-Biphenyl	9.03	154	1388	Below Cal	#	1
49) Dimethylphthalate	9.43	163	237958	20.15	ng	99
56) 2,4-Dinitrotoluene	9.70	165	20823	5.99	ng	# 36
57) Fluorene	10.49	166	8269	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.49	198	265	2.29	ng	# 13
66) 4-Bromophenyl-phenylether	10.49	248	11017	3.22	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088195.D
Acq On : 21 Jun 2016 3:11
Operator : UM/SJ
Sample : H3591-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-3

Quant Time: Jun 21 04:07:35 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: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

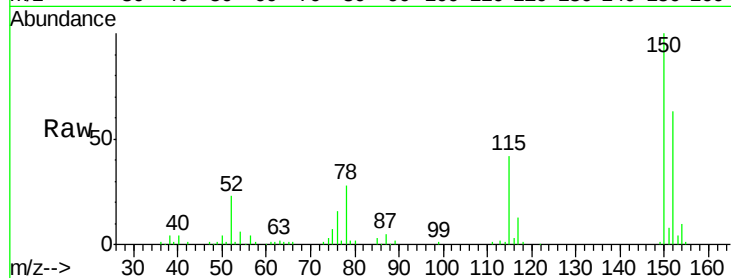
Tgt Ion:152 Resp: 88052

Ion Ratio Lower Upper

152 100

150 158.8 123.8 185.6

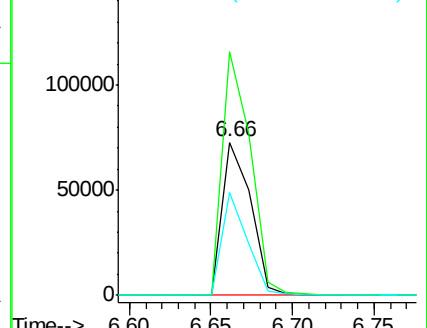
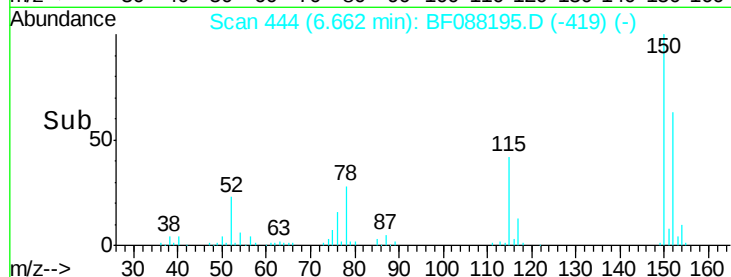
115 67.1 39.6 59.4#



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: 123.39 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

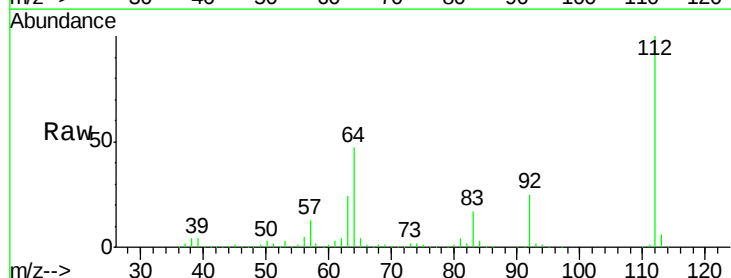
Tgt Ion:112 Resp: 635538

Ion Ratio Lower Upper

112 100

64 47.3 42.2 63.2

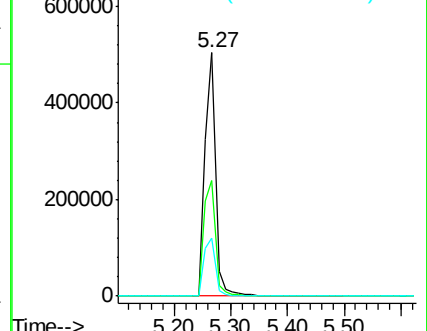
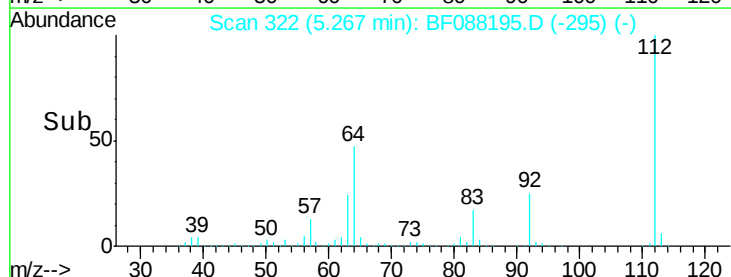
63 24.0 21.8 32.8

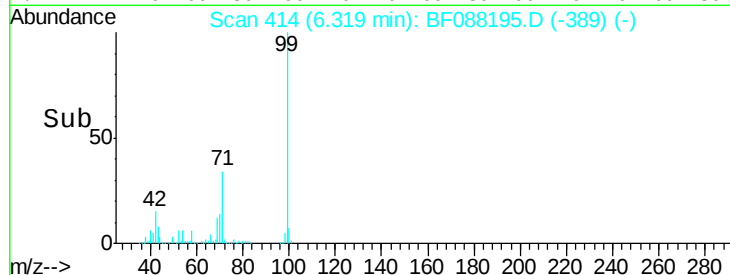
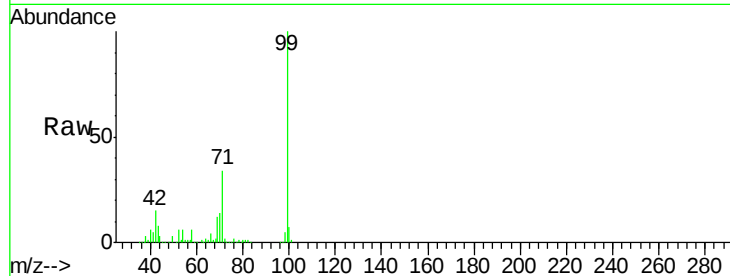


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.15 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

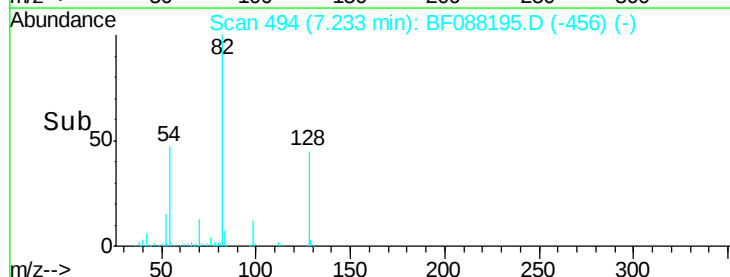
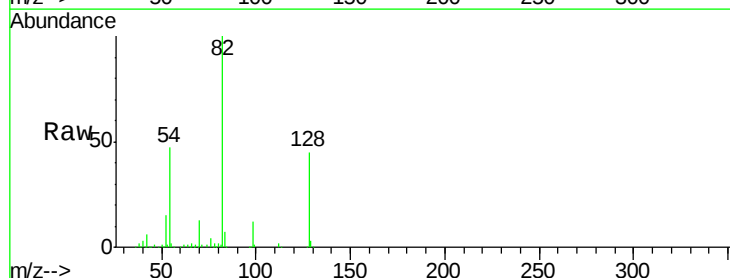
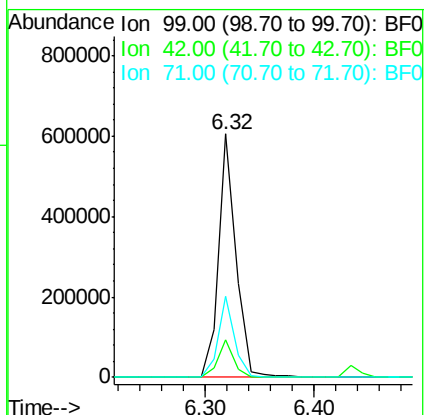
Tgt Ion: 99 Resp: 681307

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 33.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.24 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.14 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Tgt Ion: 70 Resp: 52876

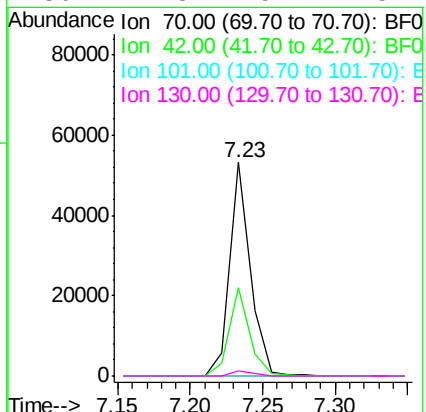
Ion Ratio Lower Upper

70 100

42 41.5 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: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

Tgt Ion: 136 Resp: 362220

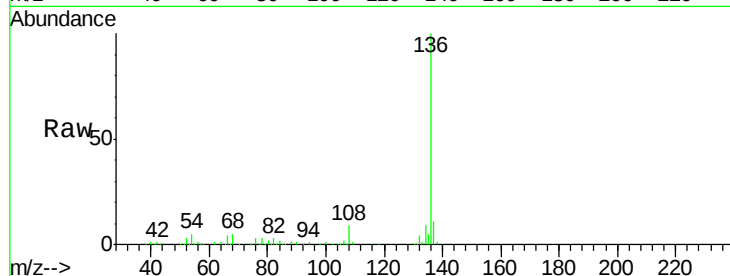
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.5 6.6 10.0#

68 4.9 5.1 7.7#

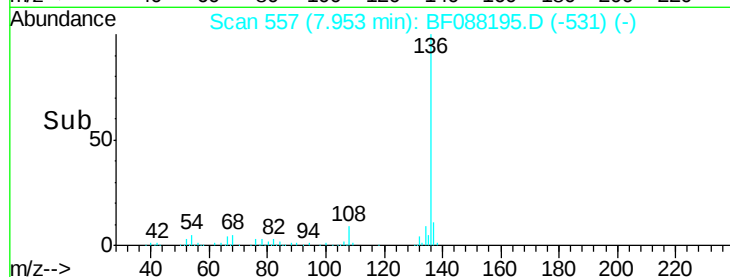


Abundance Ion 136.00 (135.70 to 136.70): E

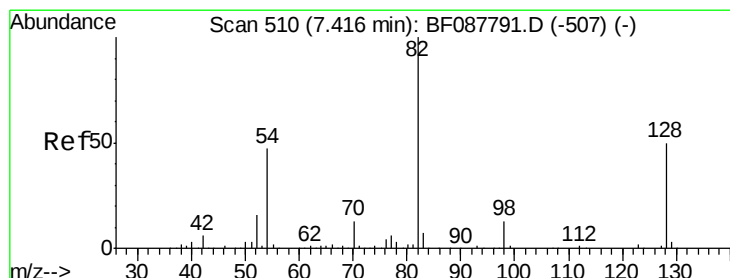
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 66.78 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

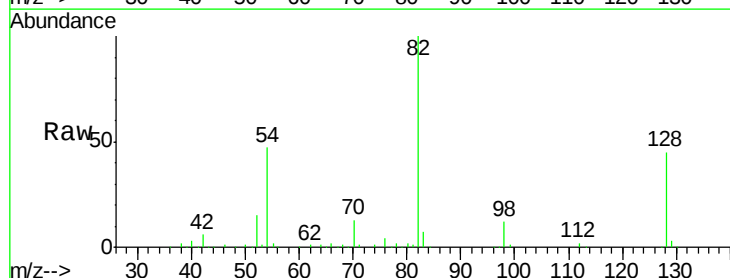
Tgt Ion: 82 Resp: 414229

Ion Ratio Lower Upper

82 100

128 44.9 35.9 53.9

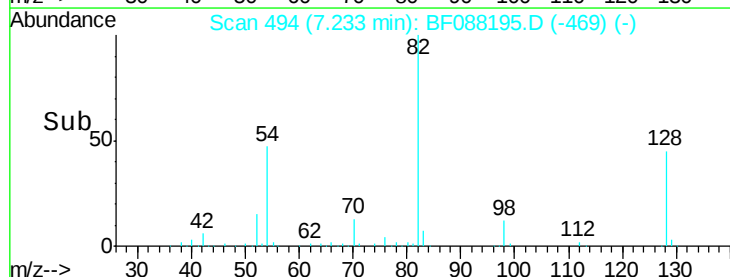
54 46.7 40.9 61.3



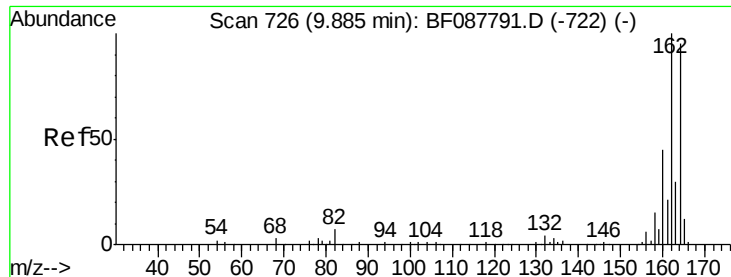
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

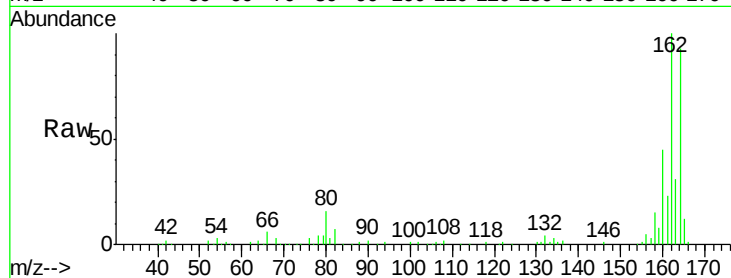
Tgt Ion:164 Resp: 163026

Ion Ratio Lower Upper

164 100

162 107.8 85.4 128.2

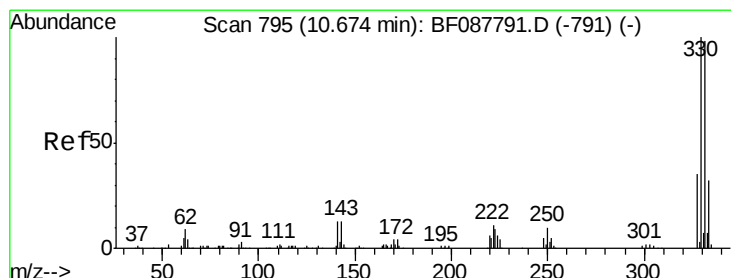
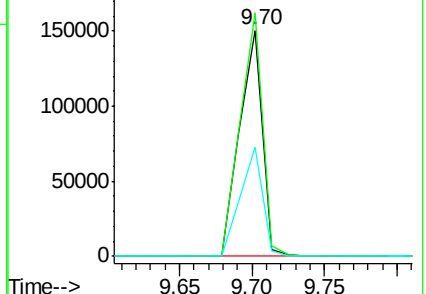
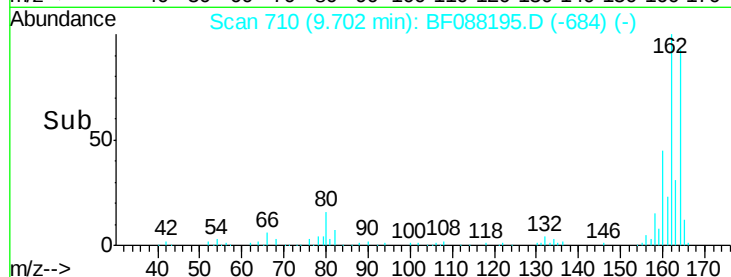
160 48.4 39.5 59.3



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: 98.06 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

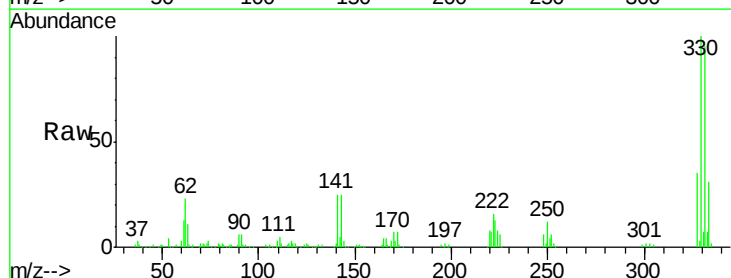
Tgt Ion:330 Resp: 168794

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

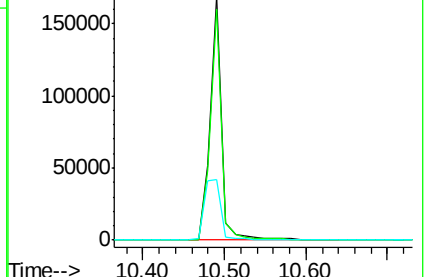
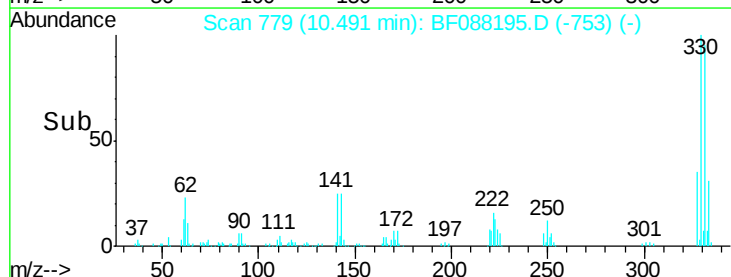
141 36.8 0.0 0.0#



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

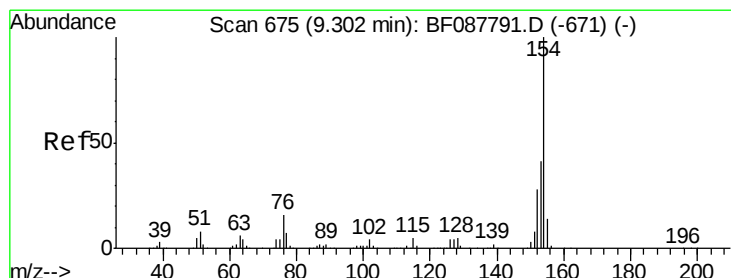
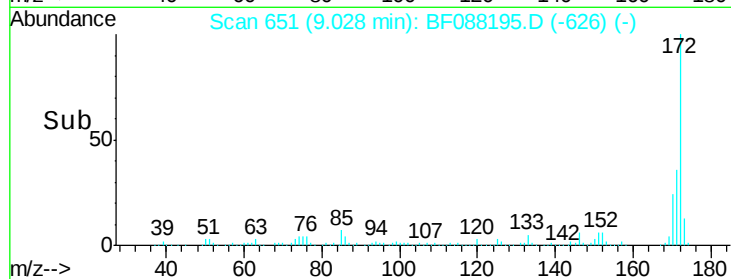
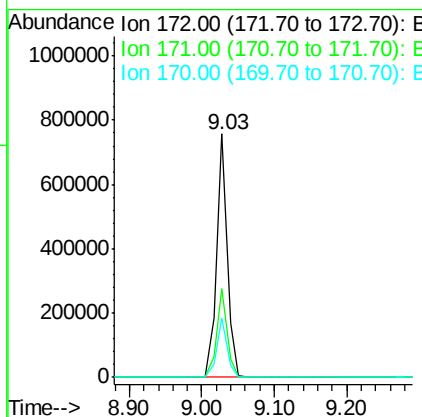
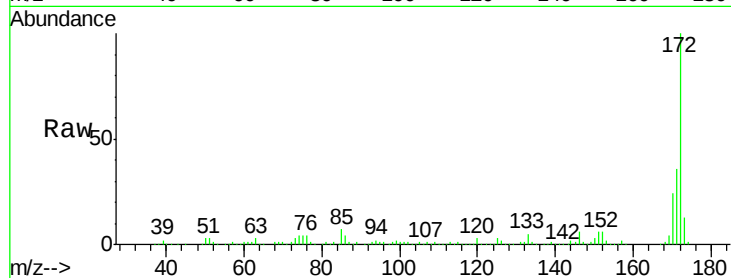




#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088195.D
 Acq: 21 Jun 2016 3:11

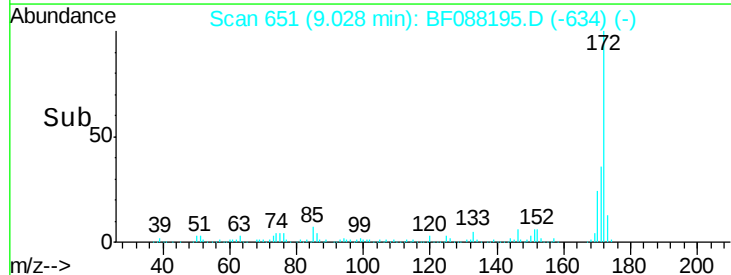
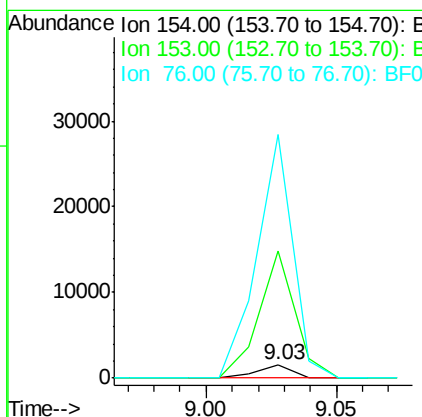
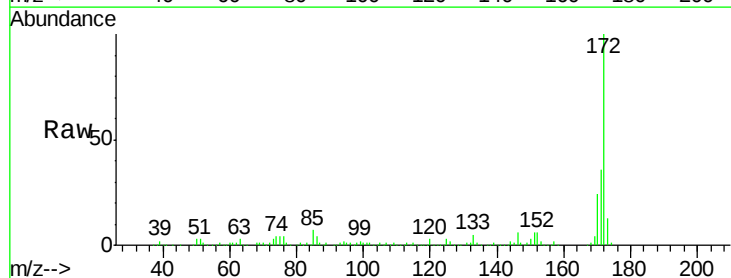
Instrument :
 BNA_F
 ClientSampleId :
 W-3

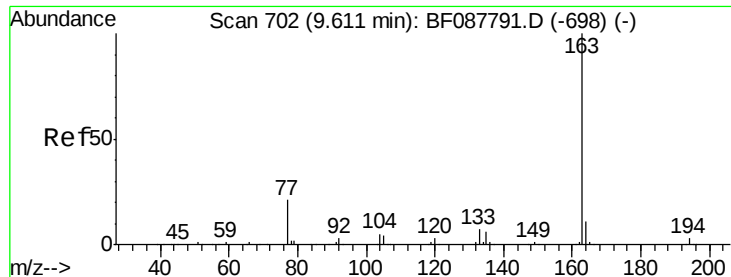
Tgt Ion:172 Resp: 769653
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.3 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.10 min
 Lab File: BF088195.D
 Acq: 21 Jun 2016 3:11

Tgt Ion:154 Resp: 1388
 Ion Ratio Lower Upper
 154 100
 153 935.1 20.6 60.6#
 76 1797.8 0.0 35.1#





#49

Dimethylphthalate

Concen: 20.15 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

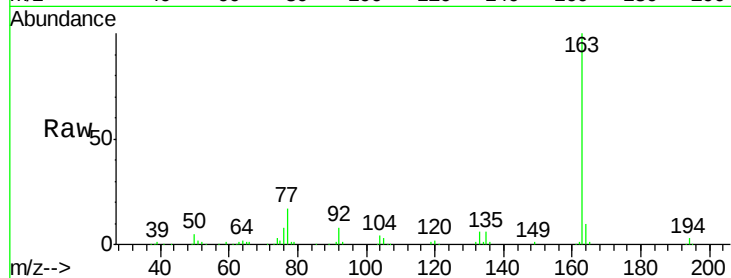
Tgt Ion:163 Resp: 237958

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

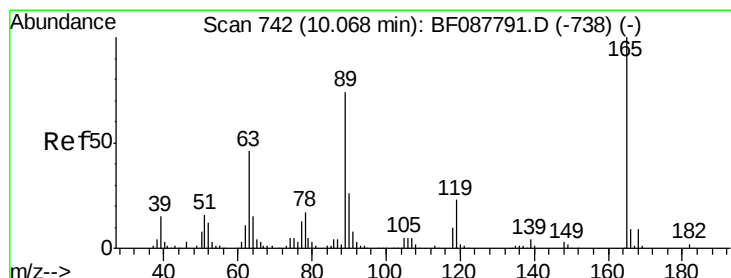
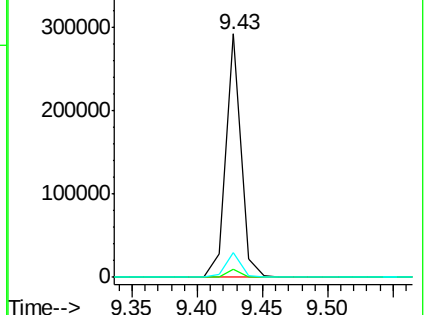
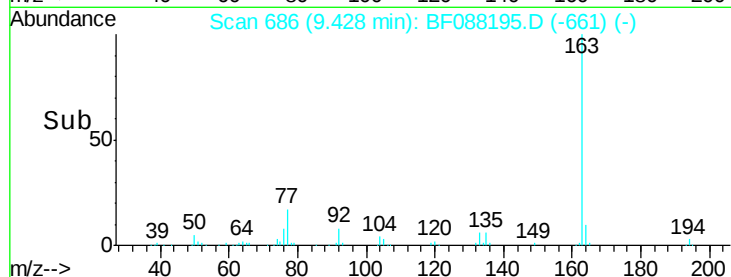
164 10.0 8.3 12.5



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: 5.99 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.21 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Tgt Ion:165 Resp: 20823

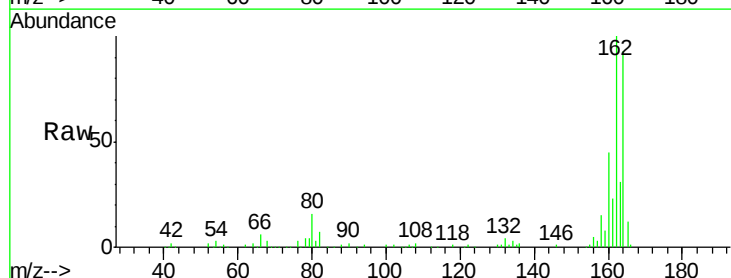
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

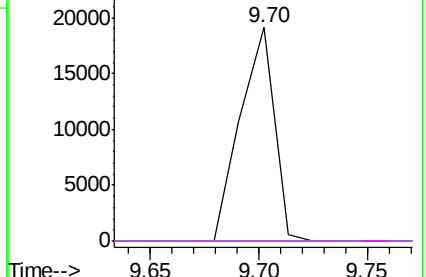
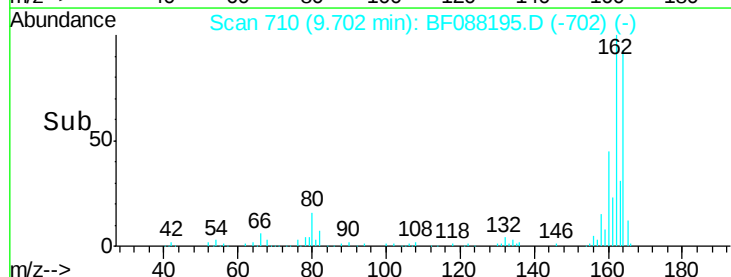


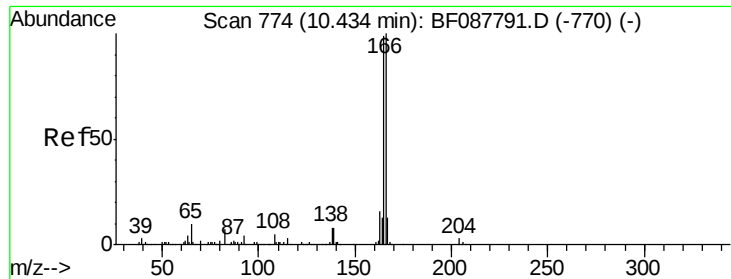
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.49 min Scan# 779

Delta R.T. 0.24 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

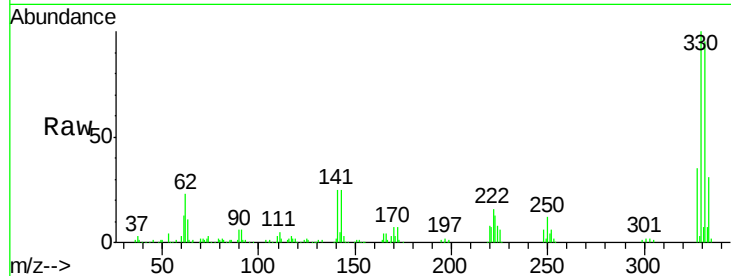
Tgt Ion:166 Resp: 8269

Ion Ratio Lower Upper

166 100

165 105.3 77.8 116.8

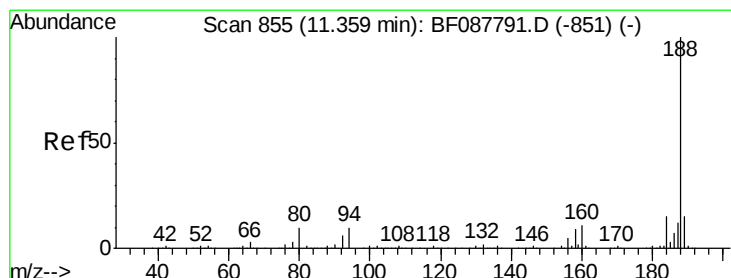
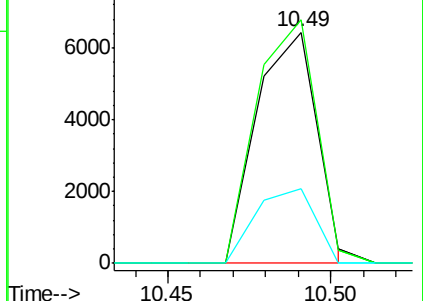
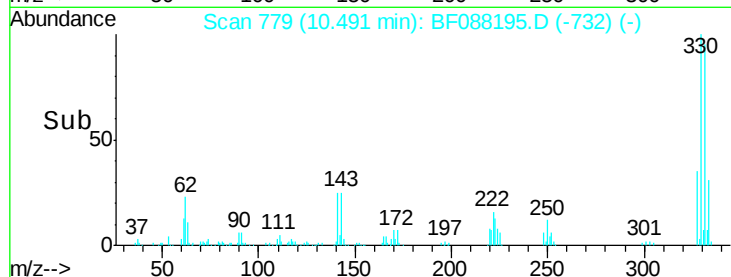
167 32.5 11.2 16.8#



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: BF088195.D

Acq: 21 Jun 2016 3:11

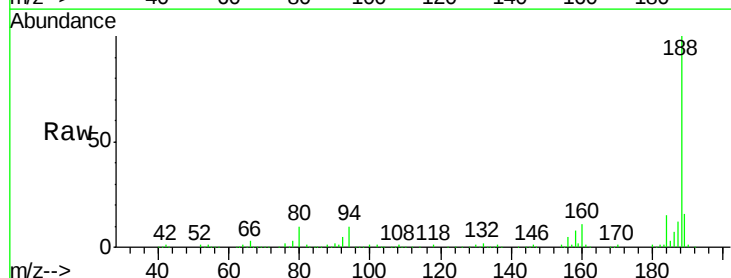
Tgt Ion:188 Resp: 319130

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.6

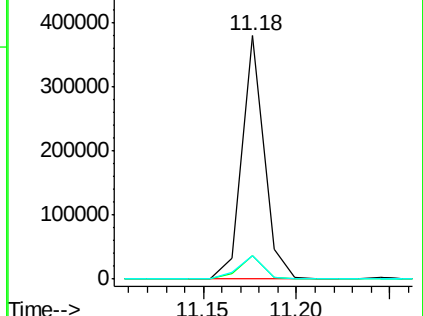
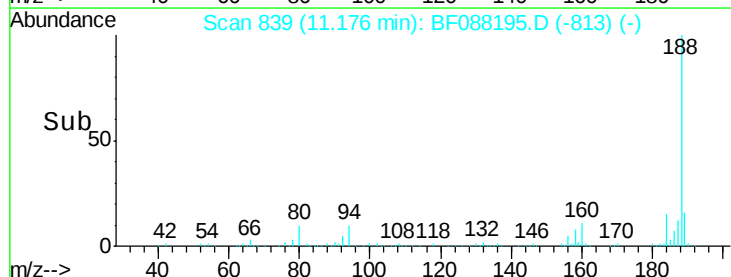
80 9.8 10.0 15.0#

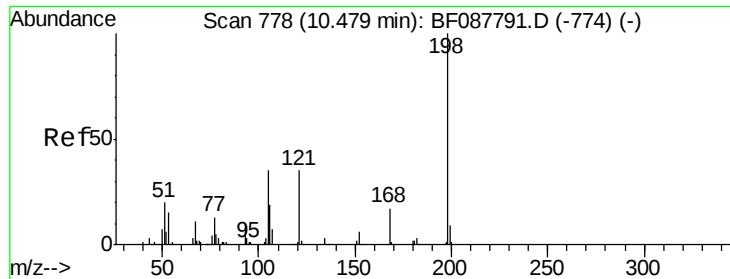


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.29 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.17 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

Instrument :

BNA_F

ClientSampleId :

W-3

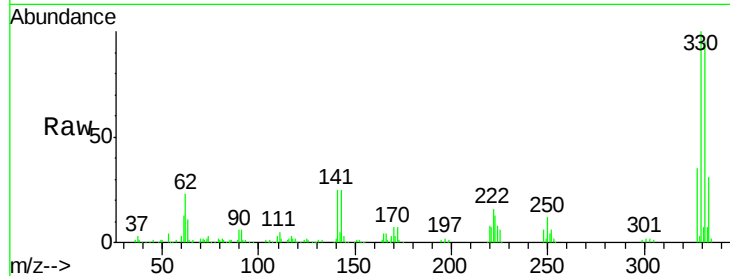
Tgt Ion:198 Resp: 265

Ion Ratio Lower Upper

198 100

51 0.0 39.6 79.6#

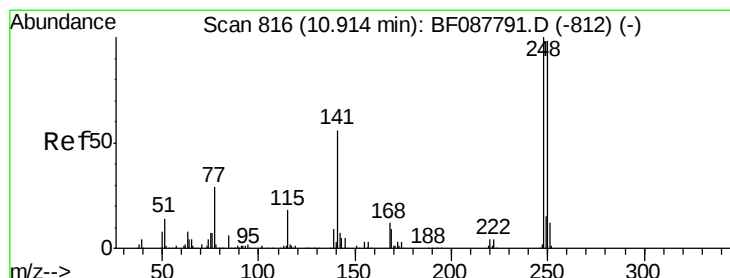
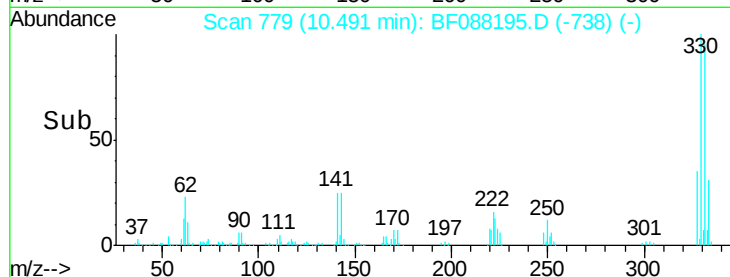
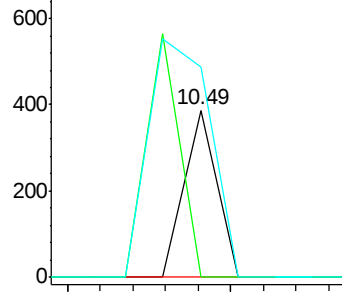
105 125.8 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.22 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.24 min

Lab File: BF088195.D

Acq: 21 Jun 2016 3:11

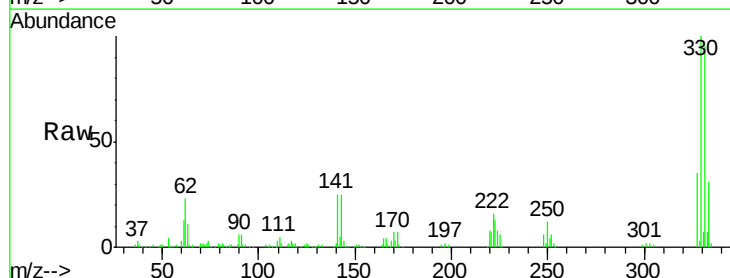
Tgt Ion:248 Resp: 11017

Ion Ratio Lower Upper

248 100

250 202.1 77.1 115.7#

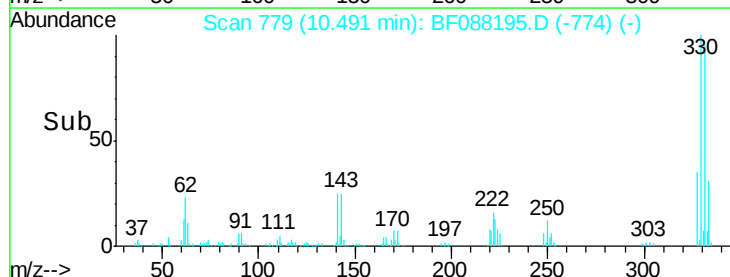
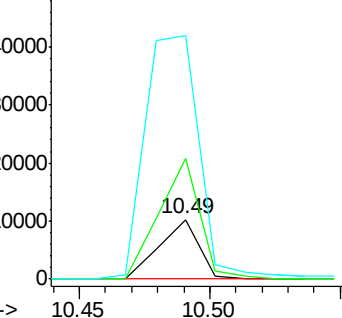
141 406.3 50.6 76.0#

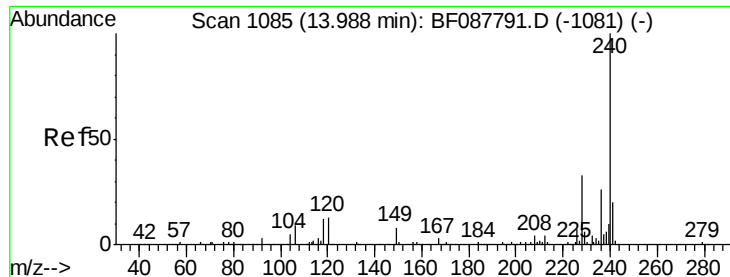


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

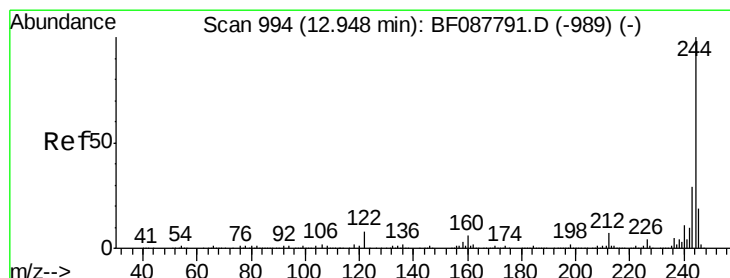
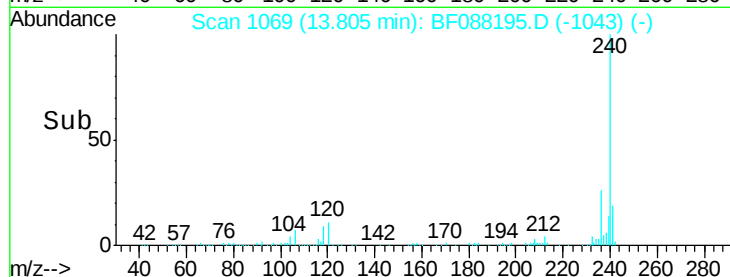
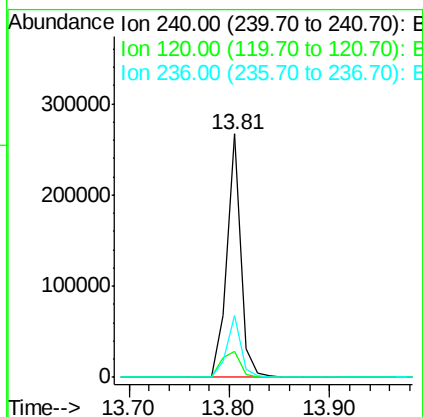
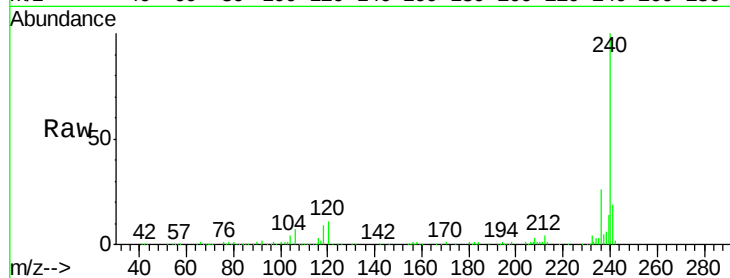




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088195.D
Acq: 21 Jun 2016 3:11

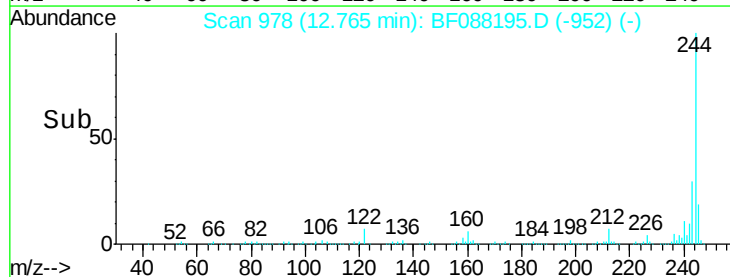
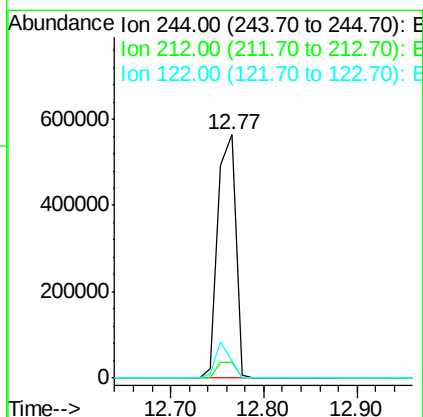
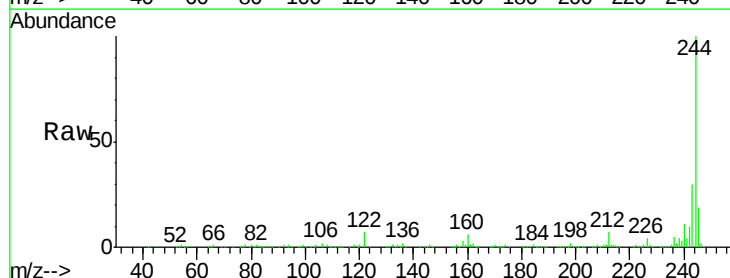
Instrument :
BNA_F
ClientSampleId :
W-3

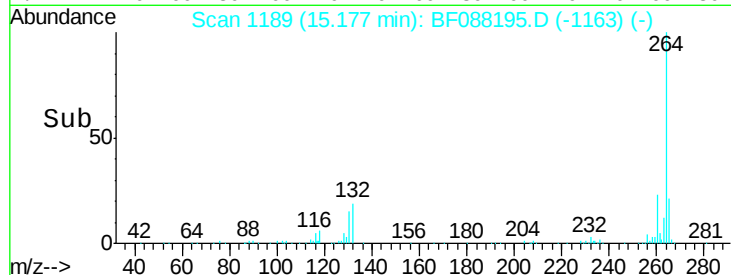
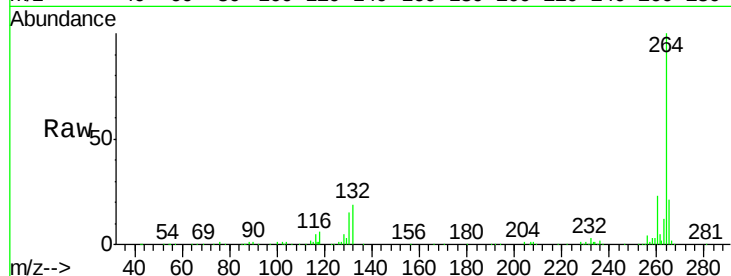
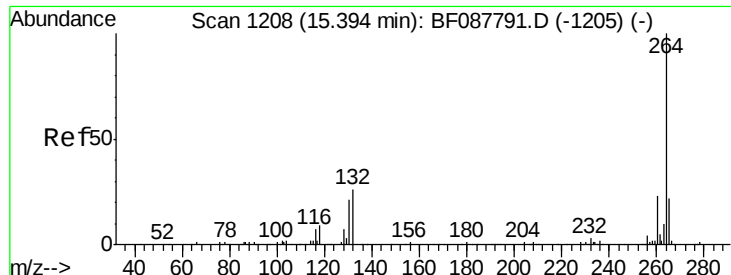
Tgt Ion:240 Resp: 258910
Ion Ratio Lower Upper
240 100
120 10.7 6.8 10.2#
236 25.6 20.2 30.2



#78
Terphenyl-d14
Concen: 65.97 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF088195.D
Acq: 21 Jun 2016 3:11

Tgt Ion:244 Resp: 750641
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 7.1 11.2 16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF088195.D
Acq: 21 Jun 2016 3:11

Instrument :
BNA_F
ClientSampleId :
W-3

Tgt Ion:	264	Resp:	208230
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.4	16.9	25.3

