

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081917.D
 Acq On : 30 Sep 2015 22:51
 Operator : UM/IZ
 Sample : G3668-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(WEST)

Quant Time: Oct 01 03:54:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	267723	20.00	ng	0.13
21) Naphthalene-d8	8.19	136	404956	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	184849	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	344621	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	269559	20.00	ng	-0.05
86) Perylene-d12	15.52	264	258915	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	488492	33.12	ng	-0.02
7) Phenol-d6	6.53	99	637902	34.37	ng	-0.03
23) Nitrobenzene-d5	7.47	82	398619	65.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	147818	78.96	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	818821	71.94	ng	-0.03
78) Terphenyl-d14	13.02	244	690971	81.98	ng	-0.03

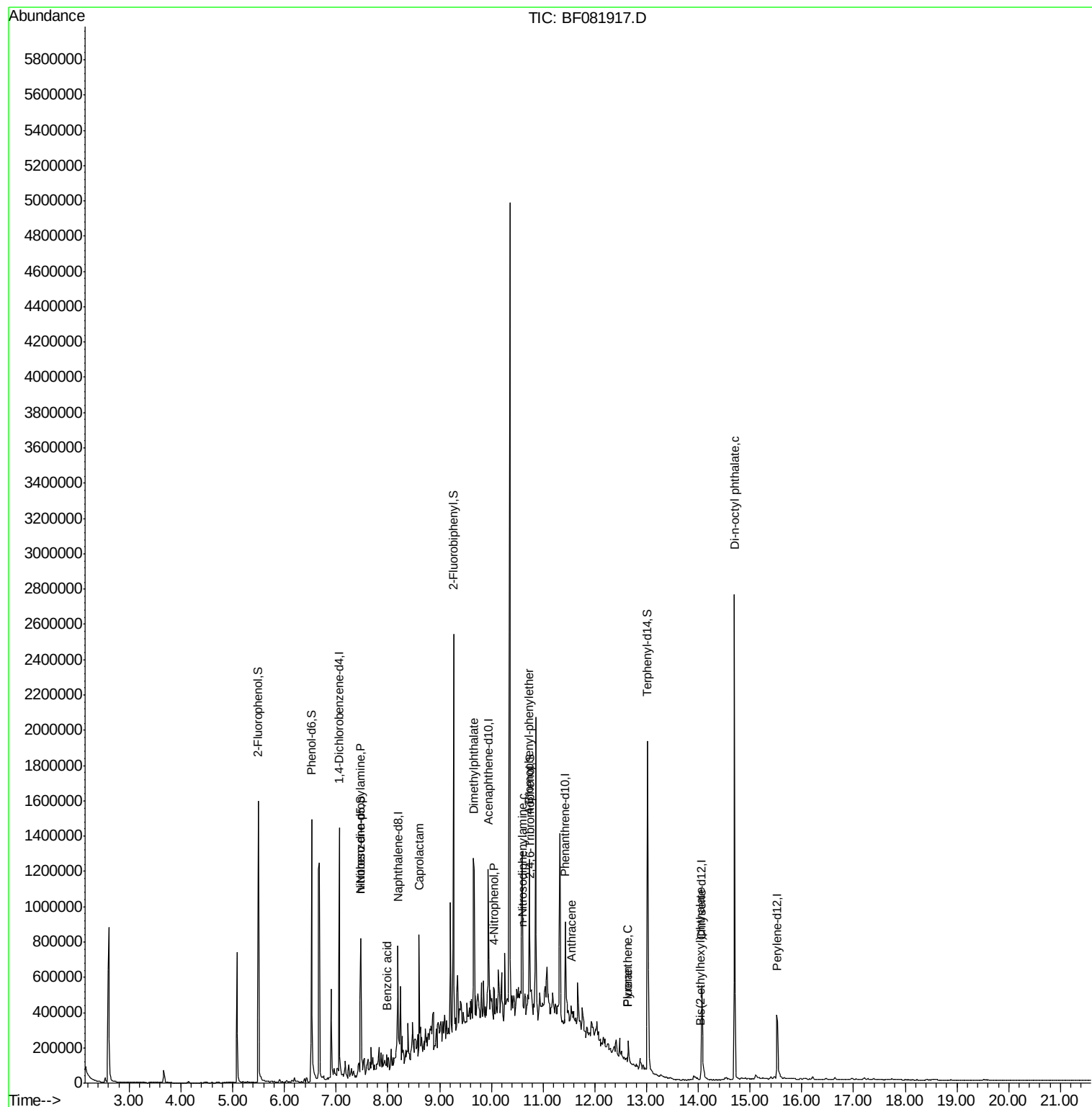
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	47727	4.23	ng	# 54
32) Benzoic acid	7.98	122	272	7.41	ng	# 1
35) Caprolactam	8.61	113	15741	10.53	ng	# 8
49) Dimethylphthalate	9.66	163	161849	12.68	ng	98
53) 2,4-Dinitrophenol	10.09	184	241	Below Cal	#	1
55) 4-Nitrophenol	10.06	139	6487	2.80	ng	# 10
57) Fluorene	10.49	166	14697	Below Cal	#	74
65) n-Nitrosodiphenylamine	10.61	169	59000	5.66	ng	# 54
66) 4-Bromophenyl-phenylether	10.73	248	9181	2.64	ng	# 1
71) Anthracene	11.54	178	35249	2.01	ng	# 1
73) Di-n-butylphthalate	11.99	149	5617	Below Cal	#	62
74) Fluoranthene	12.64	202	41380	2.24	ng	93
77) Pyrene	12.64	202	41437	2.57	ng	96
83) Bis(2-ethylhexyl)phthalate	14.05	149	17762	2.34	ng	# 89
84) Di-n-octyl phthalate	14.70	149	265147	21.43	ng	# 66

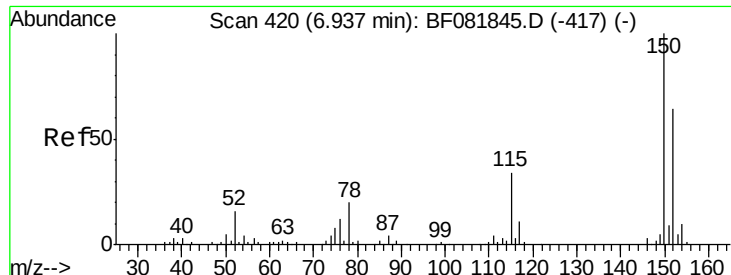
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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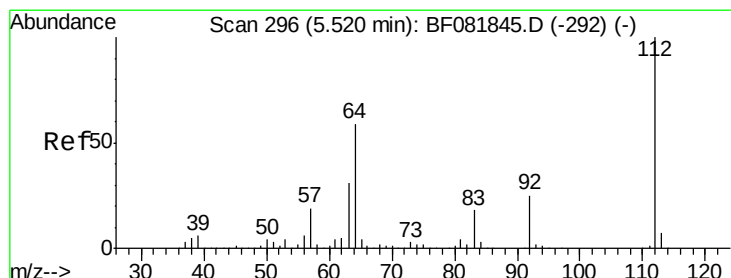
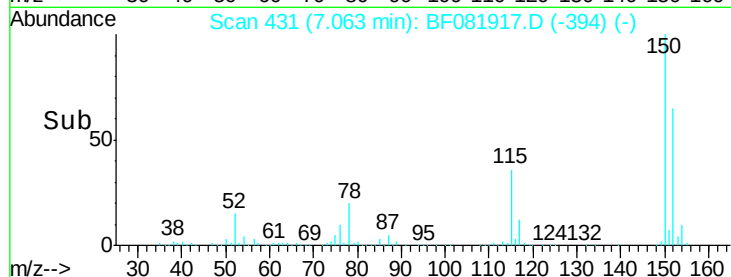
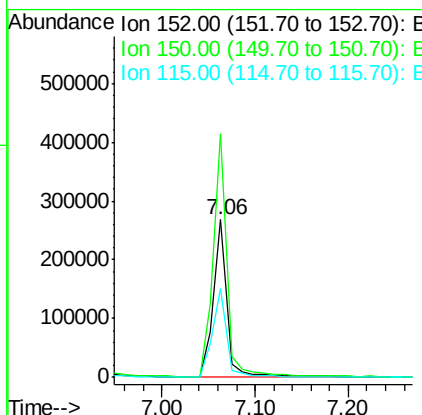
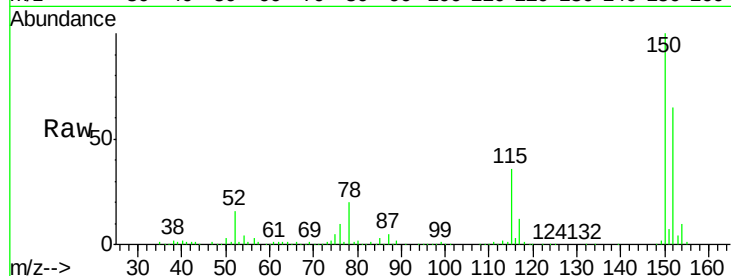


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.13 min
 Lab File: BF081917.D
 Acq: 30 Sep 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(WEST)

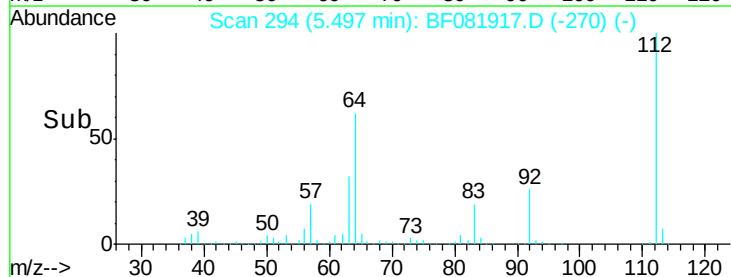
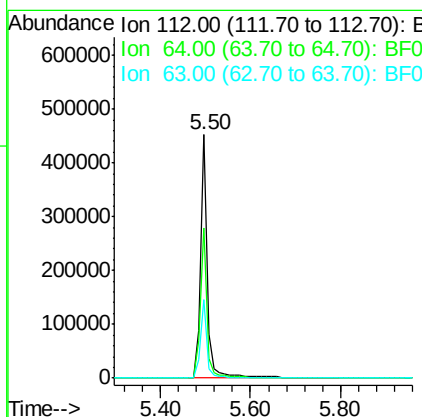
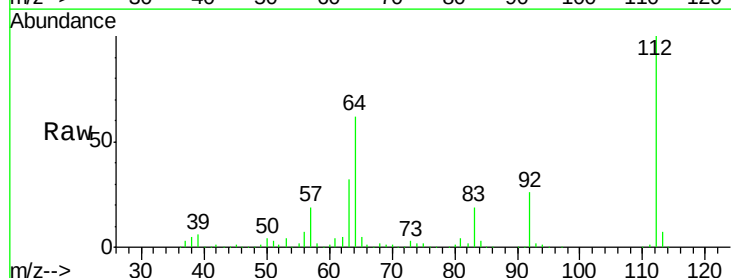
Tgt Ion:152 Resp: 267723
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.7 187.1
 115 56.3 39.0 58.4

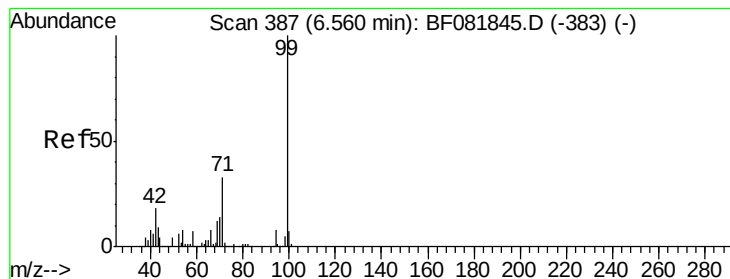


#5

2-Fluorophenol
 Concen: 33.12 ng
 RT: 5.50 min Scan# 294
 Delta R.T. -0.02 min
 Lab File: BF081917.D
 Acq: 30 Sep 2015 22:51

Tgt Ion:112 Resp: 488492
 Ion Ratio Lower Upper
 112 100
 64 61.8 39.7 59.5#
 63 32.3 17.4 26.0#





#7

Phenol-d6

Concen: 34.37 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-01(WEST)

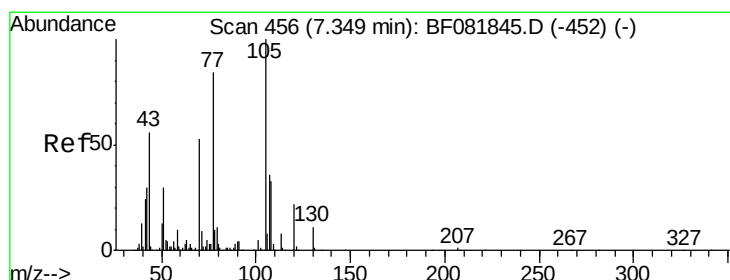
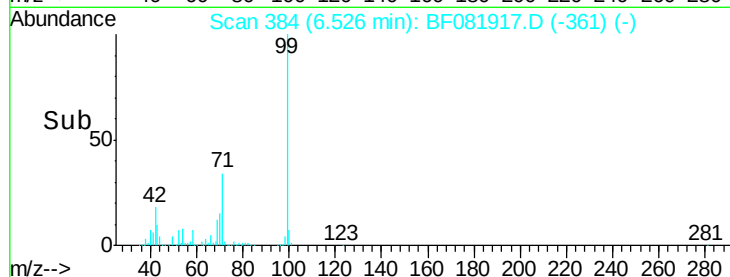
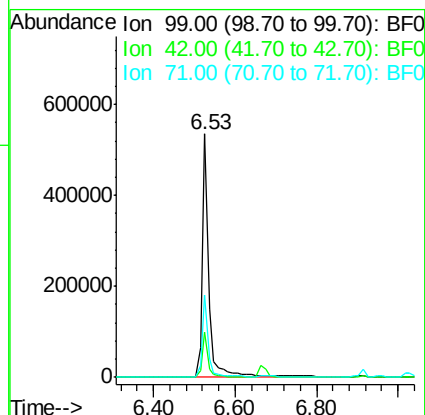
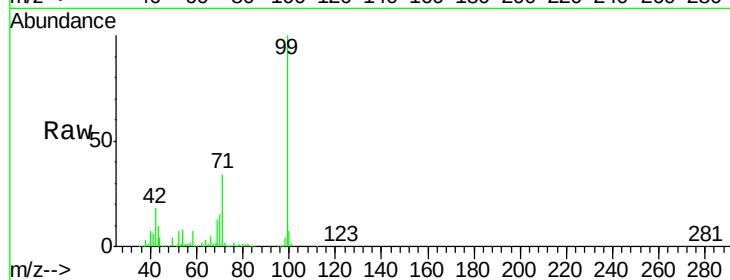
Tgt Ion: 99 Resp: 637902

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 33.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 4.23 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Tgt Ion: 70 Resp: 47727

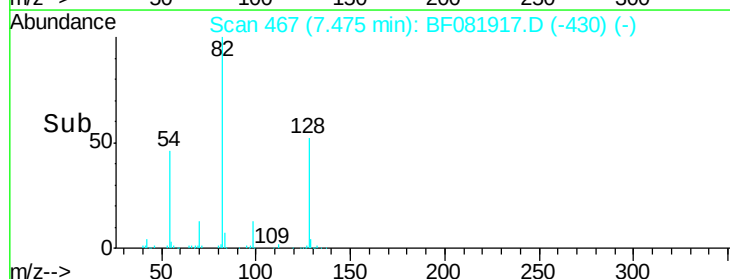
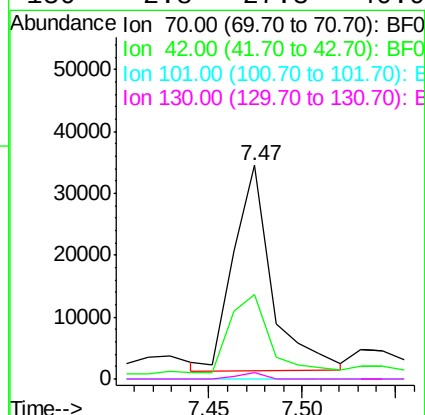
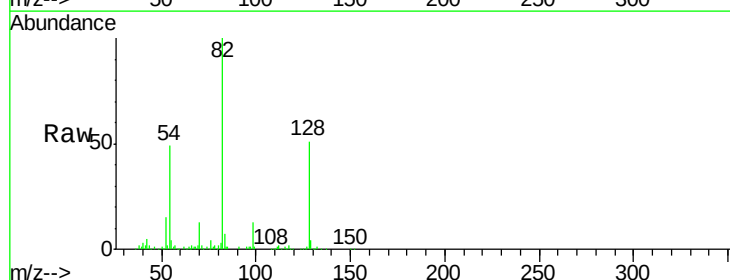
Ion Ratio Lower Upper

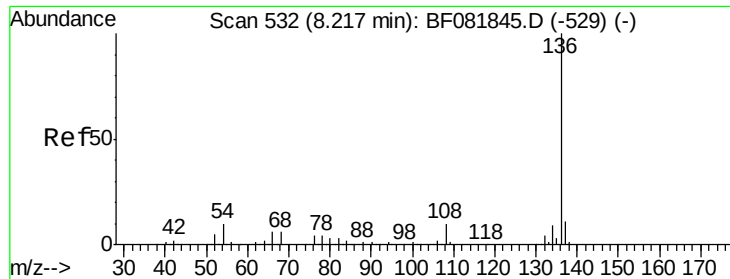
70 100

42 39.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.8 27.3 40.9#

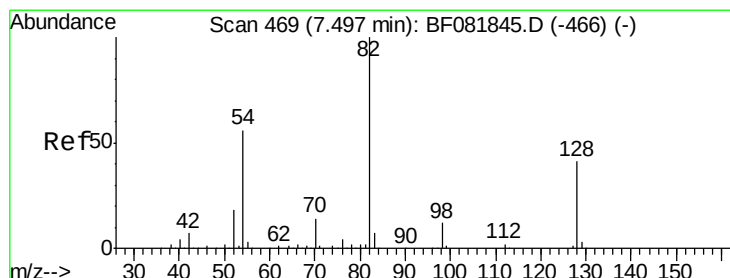
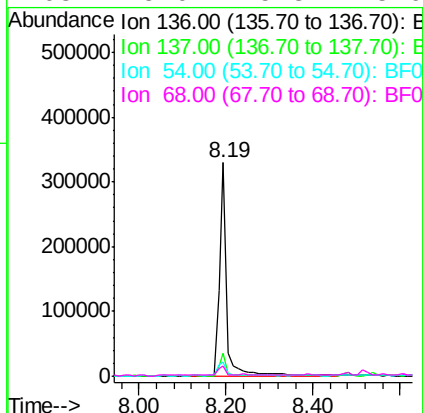
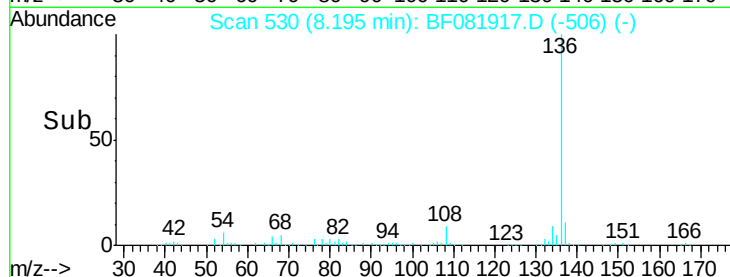
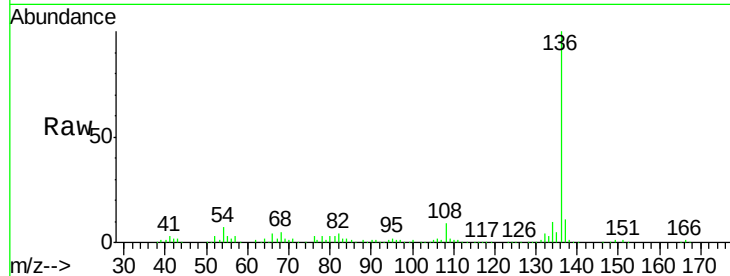




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081917.D
Acq: 30 Sep 2015 22:51

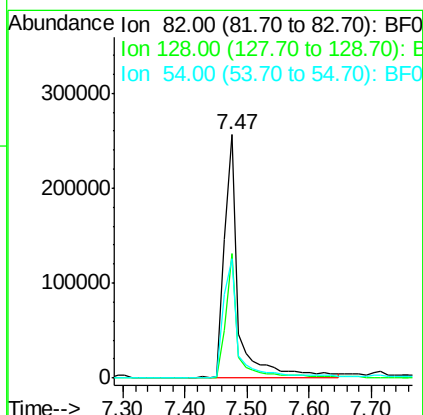
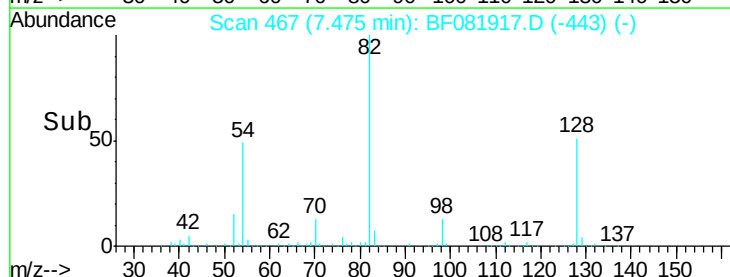
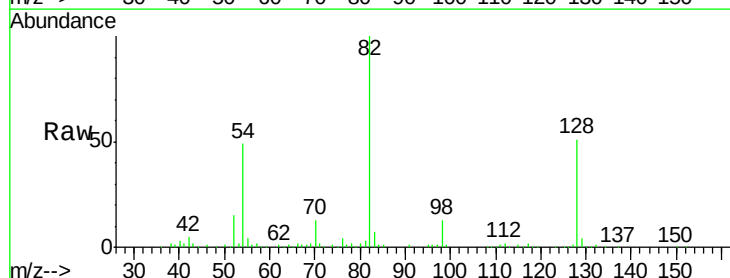
Instrument :
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SB-01(WEST)

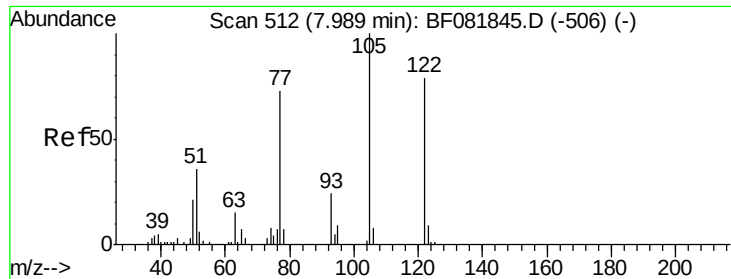
Tgt Ion:	136	Resp:	404956
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.5	8.2	12.2#
68	5.0	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 65.62 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081917.D
Acq: 30 Sep 2015 22:51

Tgt Ion:	82	Resp:	398619
Ion	Ratio	Lower	Upper
82	100		
128	51.3	51.0	76.6
54	49.2	47.5	71.3

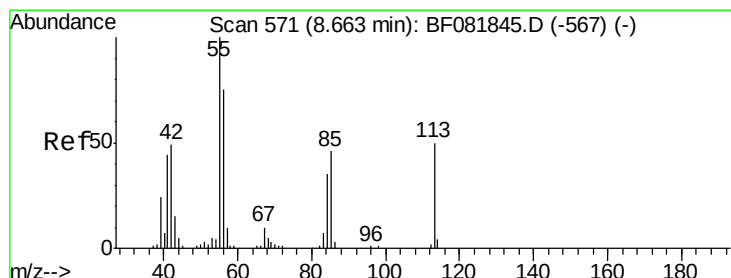
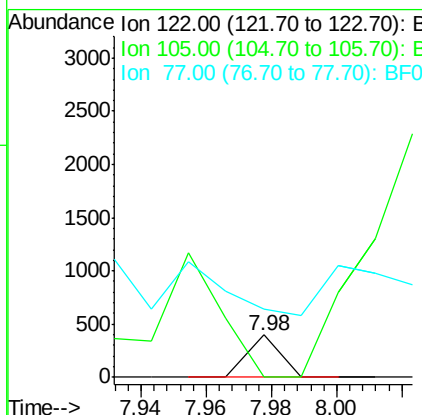
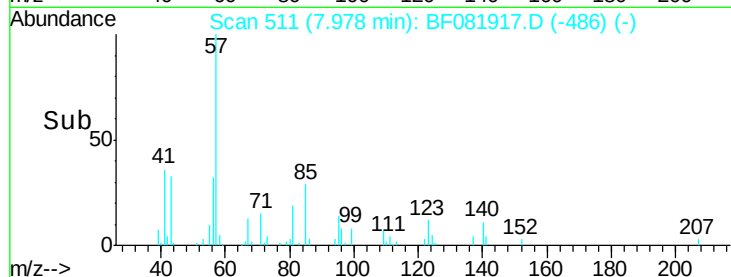
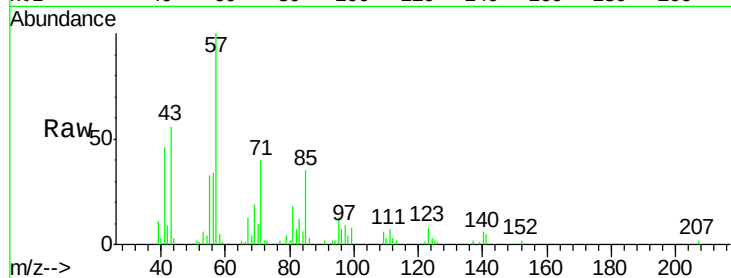




#32
Benzoic acid
Concen: 7.41 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081917.D
Acq: 30 Sep 2015 22:51

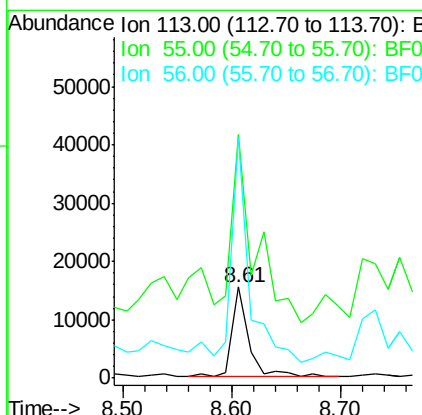
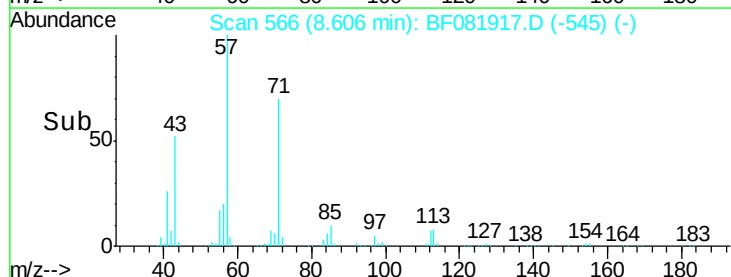
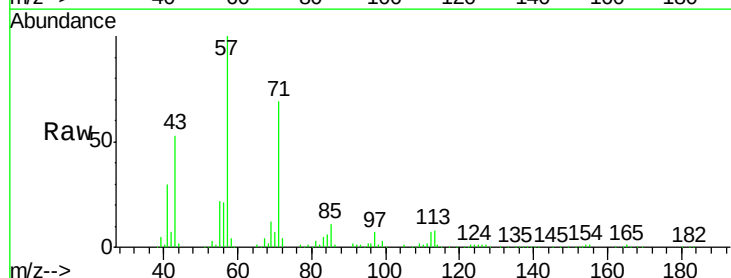
Instrument :
BNA_F
ClientSampleId :
SB-01(WEST)

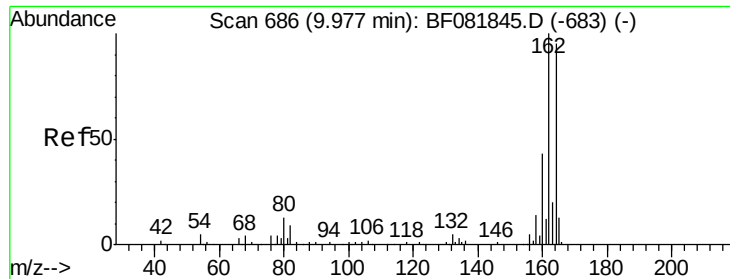
Tgt Ion:122 Resp: 272
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 162.2 40.5 80.5#



#35
Caprolactam
Concen: 10.53 ng
RT: 8.61 min Scan# 566
Delta R.T. -0.06 min
Lab File: BF081917.D
Acq: 30 Sep 2015 22:51

Tgt Ion:113 Resp: 15741
Ion Ratio Lower Upper
113 100
55 268.0 152.4 192.4#
56 265.3 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-01(WEST)

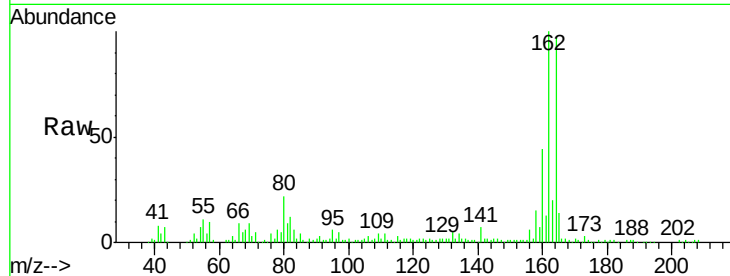
Tgt Ion:164 Resp: 184849

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

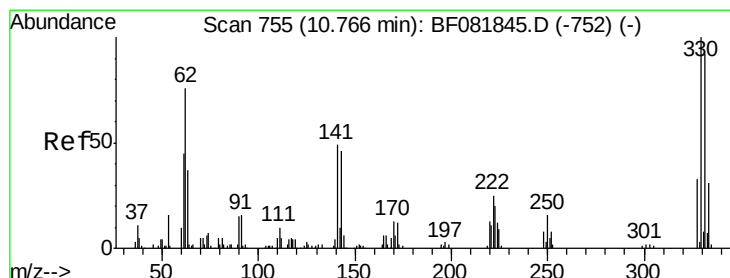
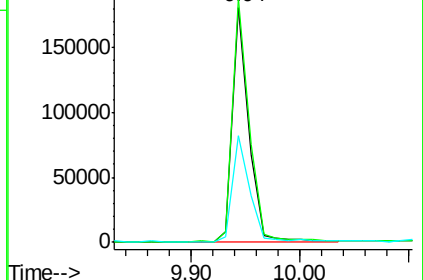
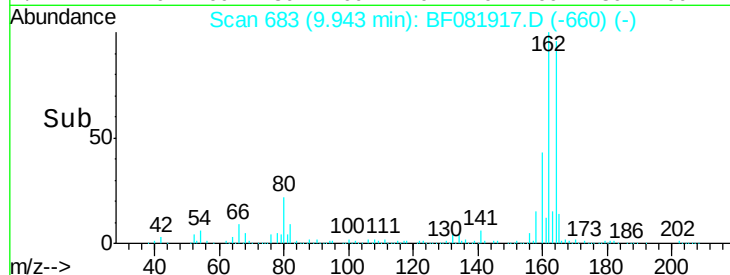
160 45.4 31.5 47.3



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: 78.96 ng

RT: 10.74 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

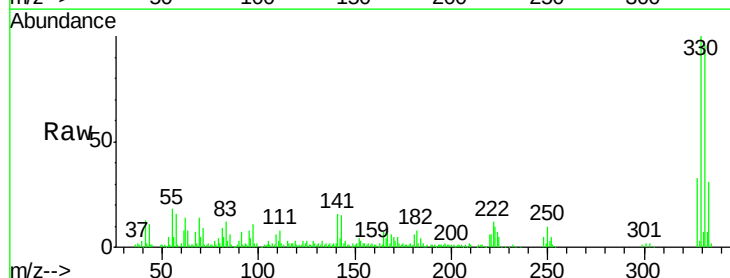
Tgt Ion:330 Resp: 147818

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

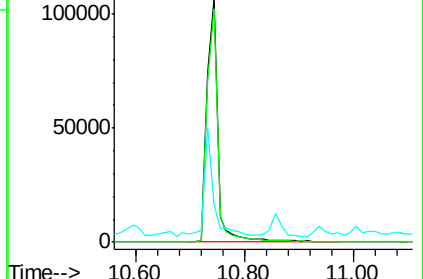
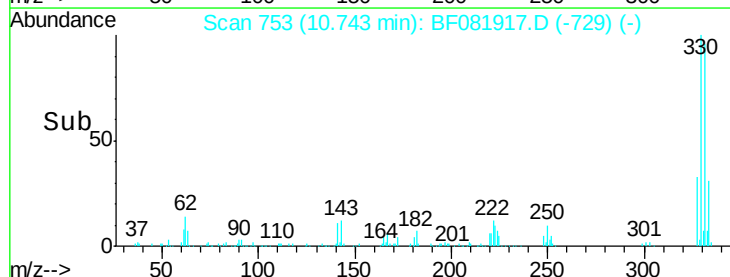
141 34.4 29.7 44.5

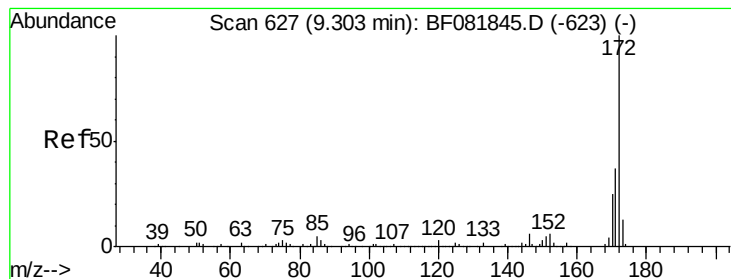


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 71.94 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

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BNA_F

ClientSampleId :

SB-01(WEST)

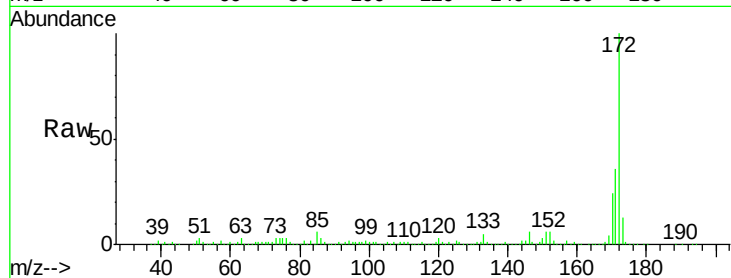
Tgt Ion:172 Resp: 818821

Ion Ratio Lower Upper

172 100

171 36.0 26.1 39.1

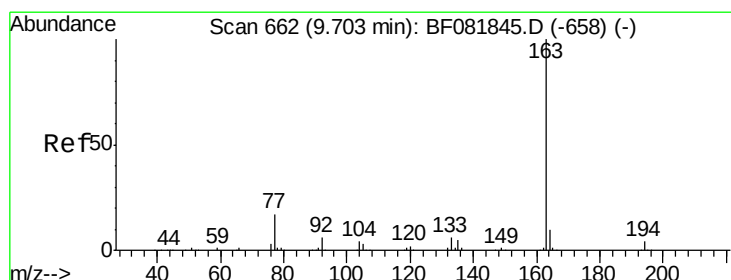
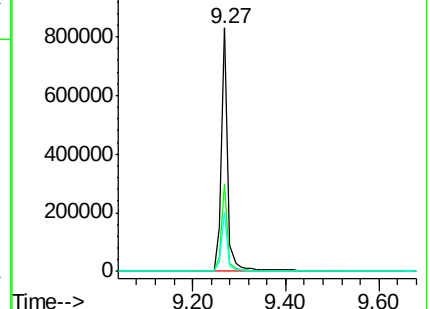
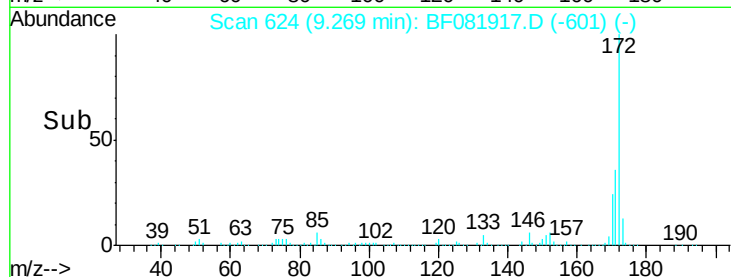
170 24.4 17.4 26.2



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: 12.68 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

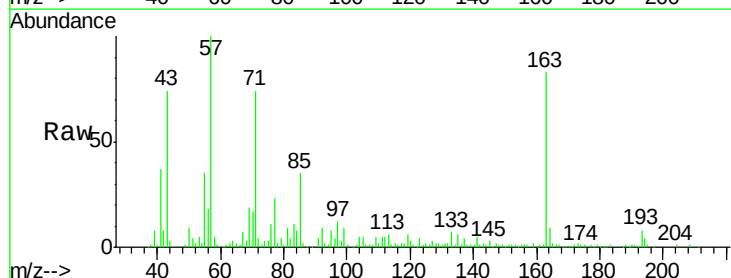
Tgt Ion:163 Resp: 161849

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

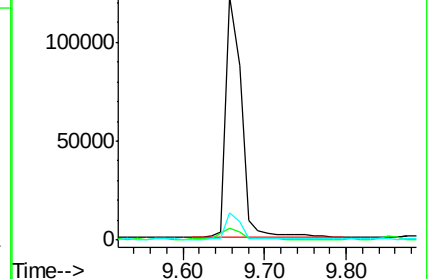
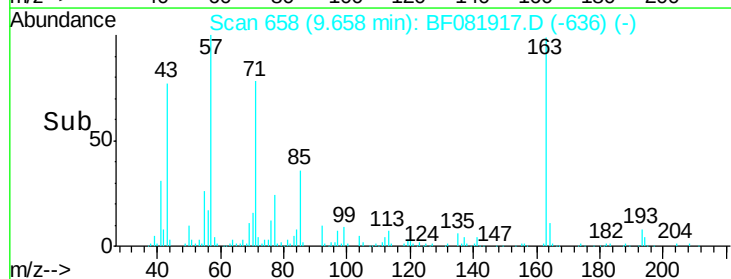
164 11.1 8.3 12.5

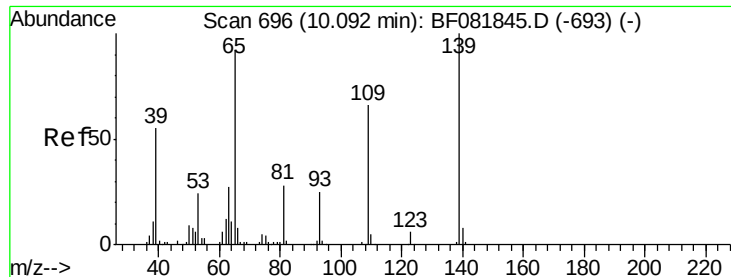


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 2.80 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

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ClientSampleId :

SB-01(WEST)

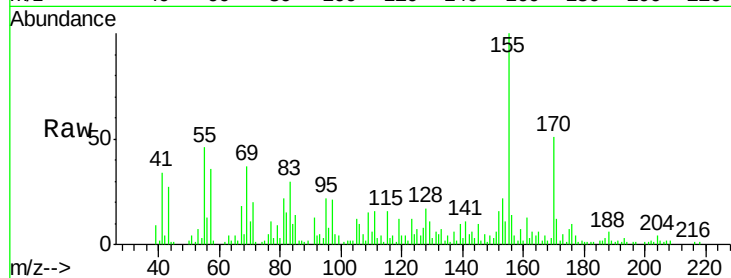
Tgt Ion:139 Resp: 6487

Ion Ratio Lower Upper

139 100

109 156.2 12.7 52.7#

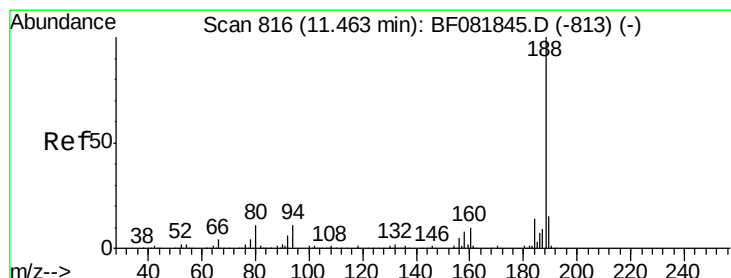
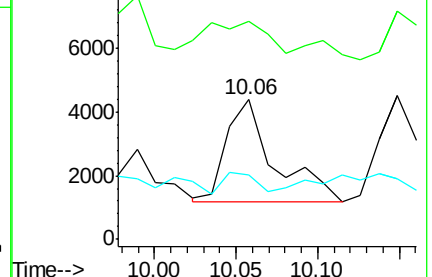
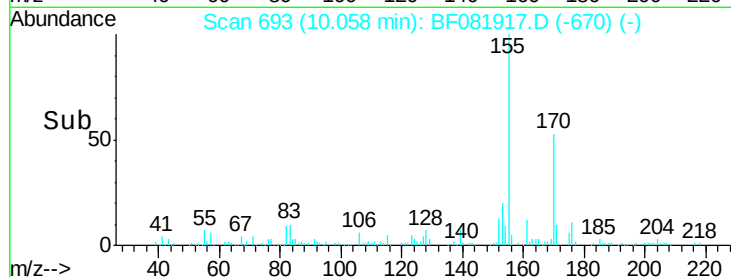
65 46.0 45.9 85.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

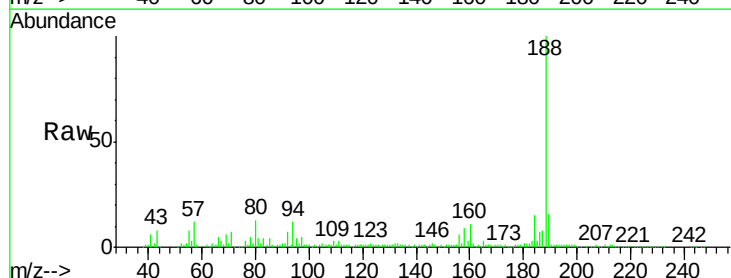
Tgt Ion:188 Resp: 344621

Ion Ratio Lower Upper

188 100

94 12.3 11.1 16.7

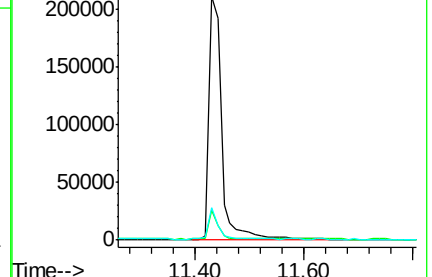
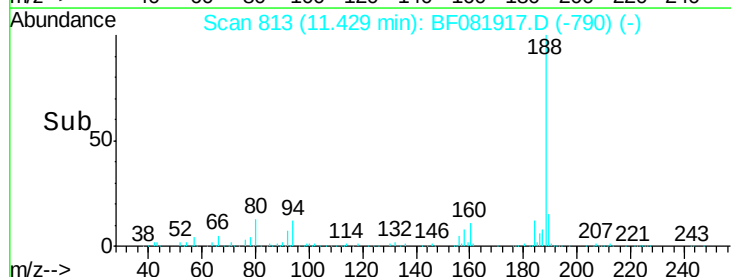
80 13.5 11.0 16.4

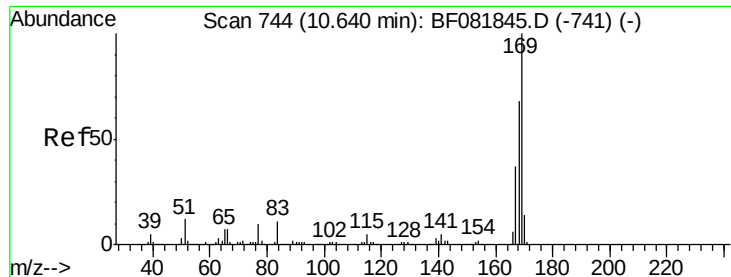


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 5.66 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-01(WEST)

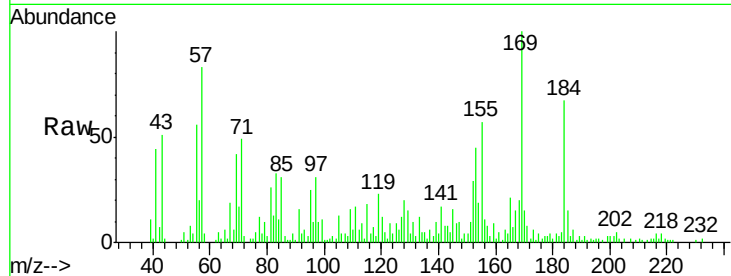
Tgt Ion:169 Resp: 59000

Ion Ratio Lower Upper

169 100

168 19.9 48.9 73.3#

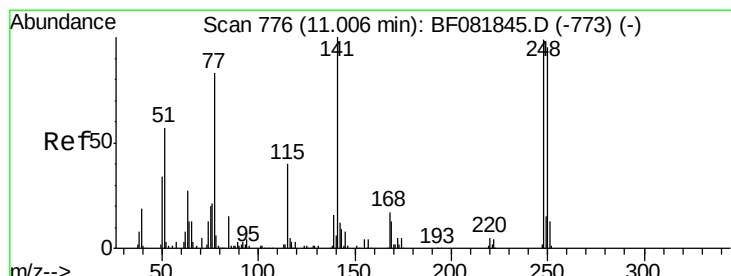
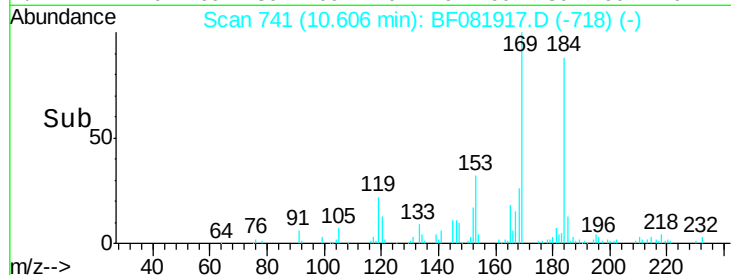
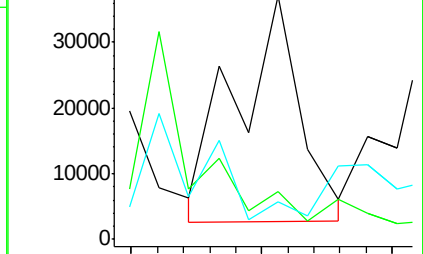
167 15.3 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.64 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

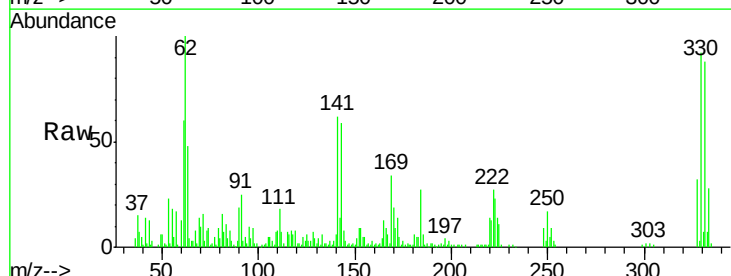
Tgt Ion:248 Resp: 9181

Ion Ratio Lower Upper

248 100

250 193.7 78.5 117.7#

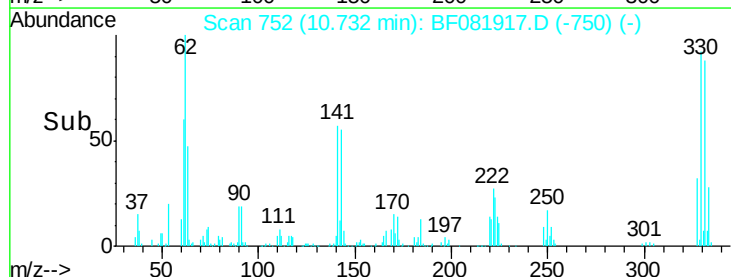
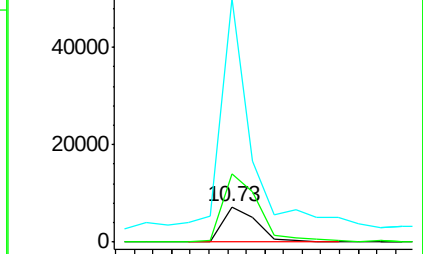
141 695.8 59.0 88.6#

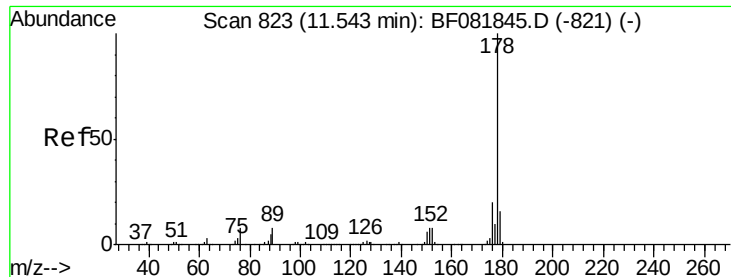


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Anthracene

Concen: 2.01 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-01(WEST)

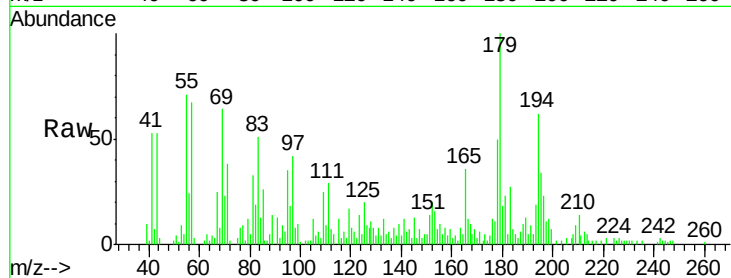
Tgt Ion:178 Resp: 35249

Ion Ratio Lower Upper

178 100

176 23.5 14.1 21.1#

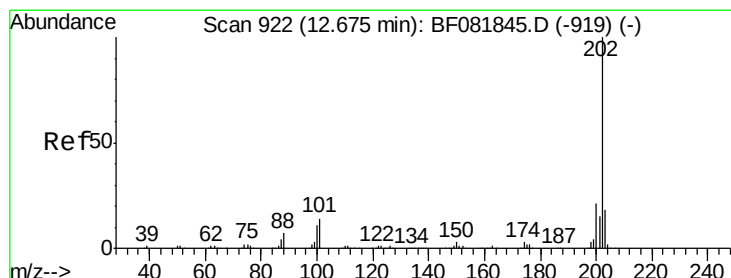
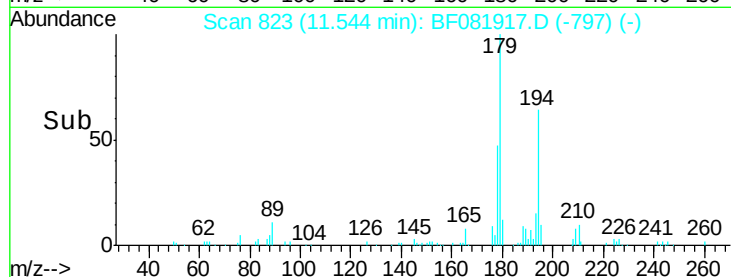
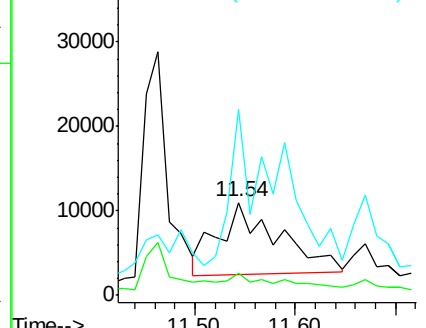
179 199.9 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.24 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

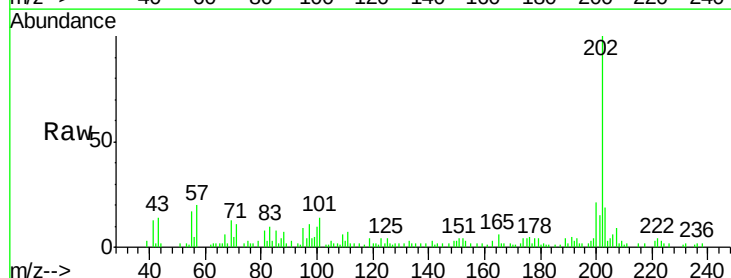
Tgt Ion:202 Resp: 41380

Ion Ratio Lower Upper

202 100

101 14.2 0.0 38.3

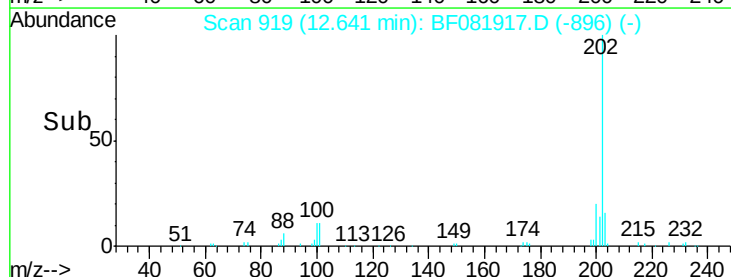
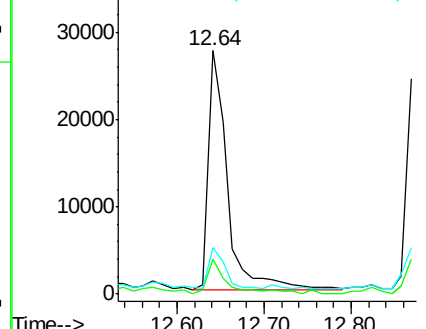
203 19.0 0.0 37.3

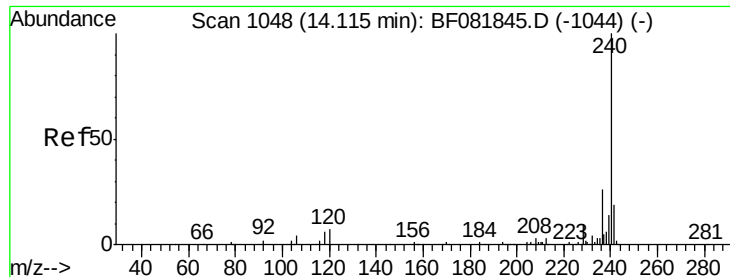


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-01(WEST)

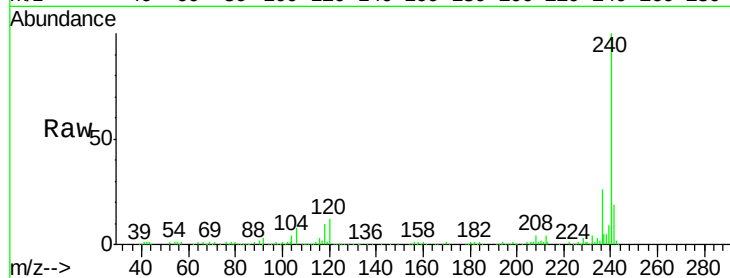
Tgt Ion:240 Resp: 269559

Ion Ratio Lower Upper

240 100

120 11.6 16.2 24.2#

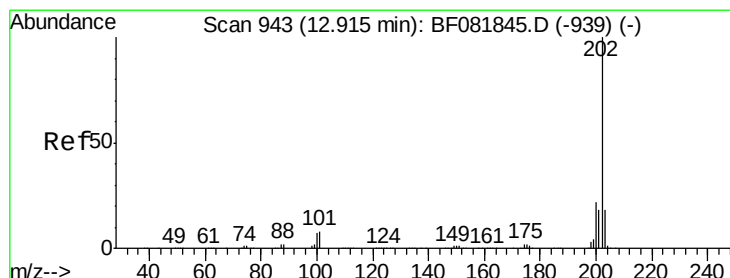
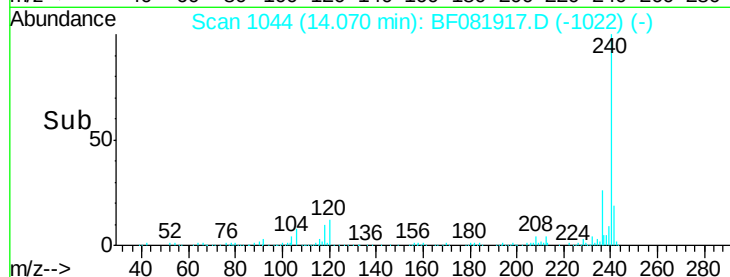
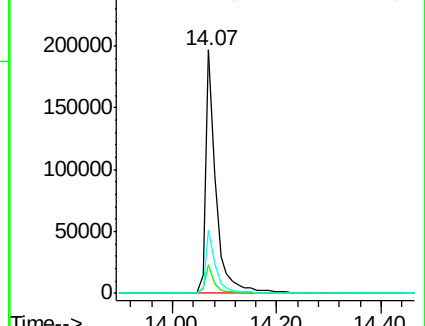
236 26.1 18.4 27.6



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



#77

Pyrene

Concen: 2.57 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.27 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

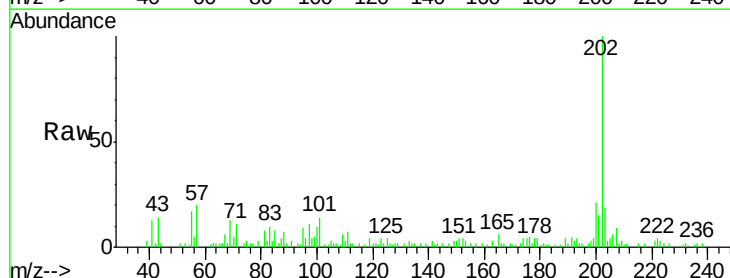
Tgt Ion:202 Resp: 41437

Ion Ratio Lower Upper

202 100

200 20.9 15.0 22.4

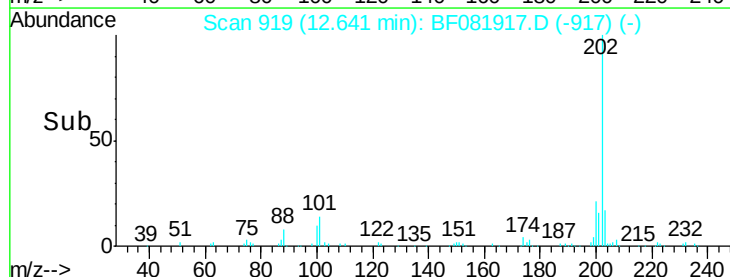
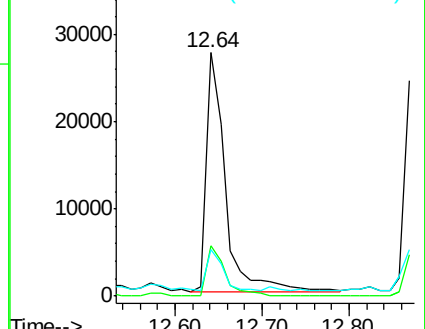
203 19.0 14.1 21.1

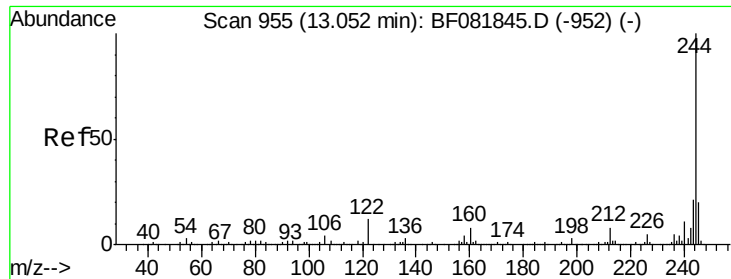


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

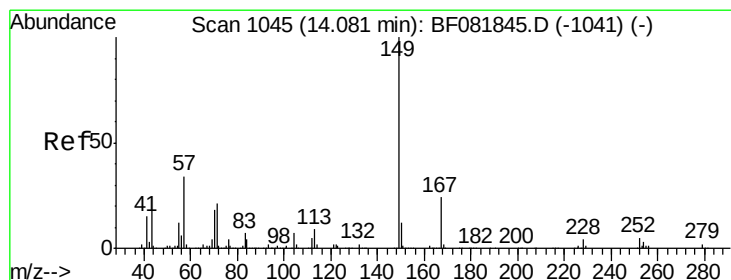
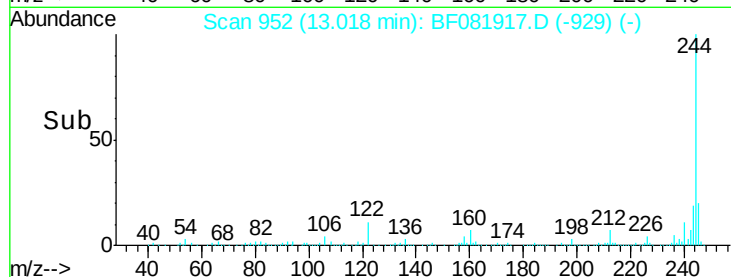
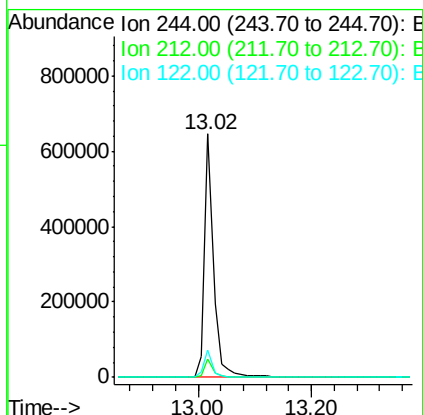
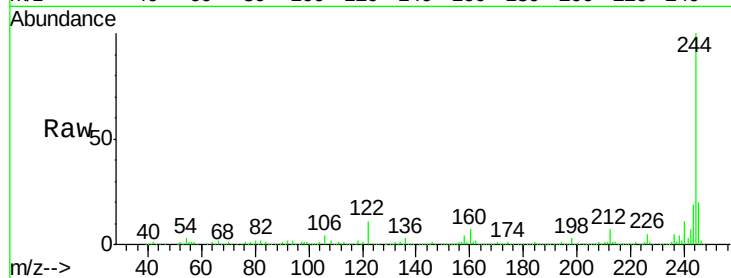




#78
 Terphenyl-d14
 Concen: 81.98 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081917.D
 Acq: 30 Sep 2015 22:51

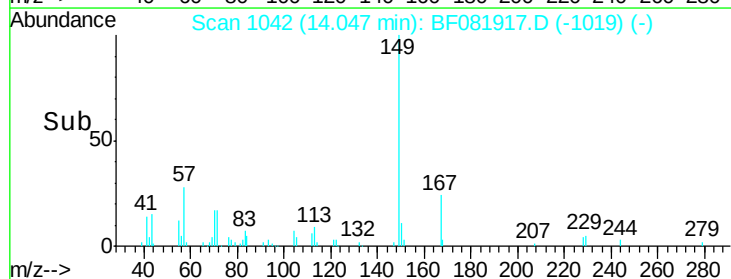
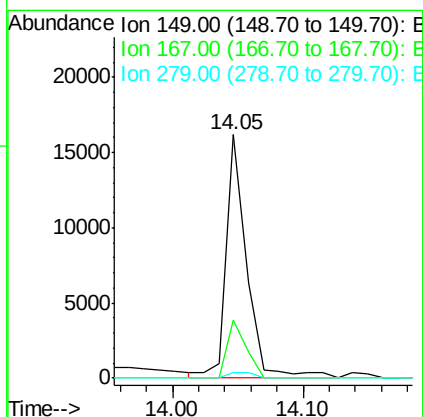
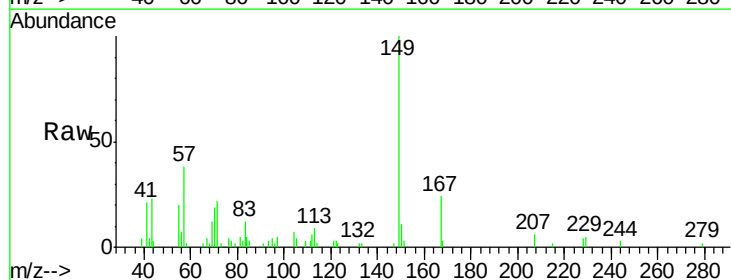
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(WEST)

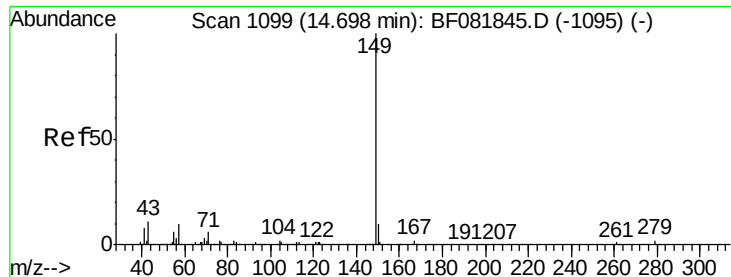
Tgt Ion:244 Resp: 690971
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 11.0 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.34 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BF081917.D
 Acq: 30 Sep 2015 22:51

Tgt Ion:149 Resp: 17762
 Ion Ratio Lower Upper
 149 100
 167 23.8 24.2 36.2#
 279 2.2 3.8 5.6#





#84

Di-n-octyl phthalate

Concen: 21.43 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-01(WEST)

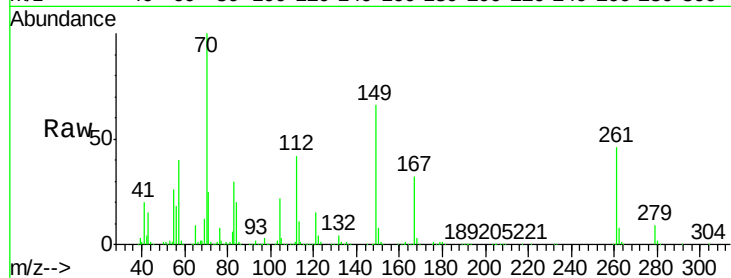
Tgt Ion:149 Resp: 265147

Ion Ratio Lower Upper

149 100

167 49.0 1.0 1.6#

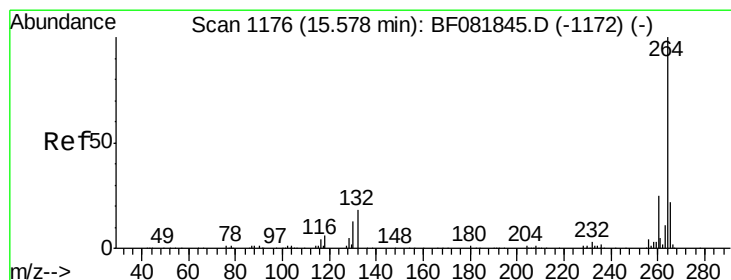
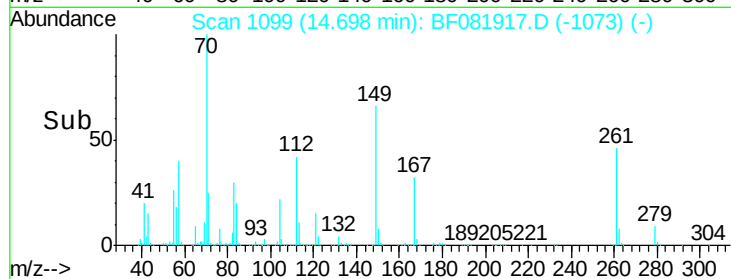
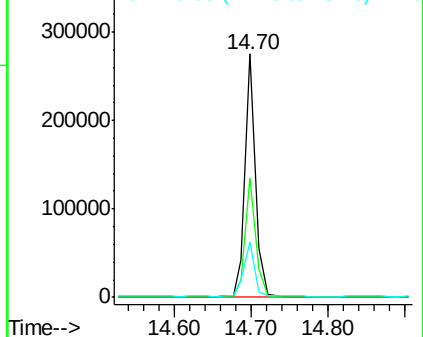
43 22.9 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1171

Delta R.T. -0.06 min

Lab File: BF081917.D

Acq: 30 Sep 2015 22:51

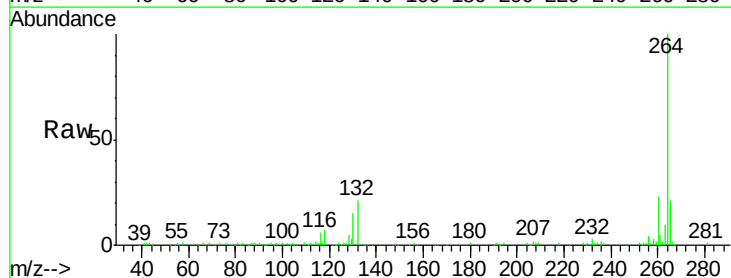
Tgt Ion:264 Resp: 258915

Ion Ratio Lower Upper

264 100

260 23.3 16.7 25.1

265 21.3 17.2 25.8



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

