

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093663.D
 Acq On : 14 Mar 2017 17:16
 Operator : SJ/MA
 Sample : I2199-24RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 02:34:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

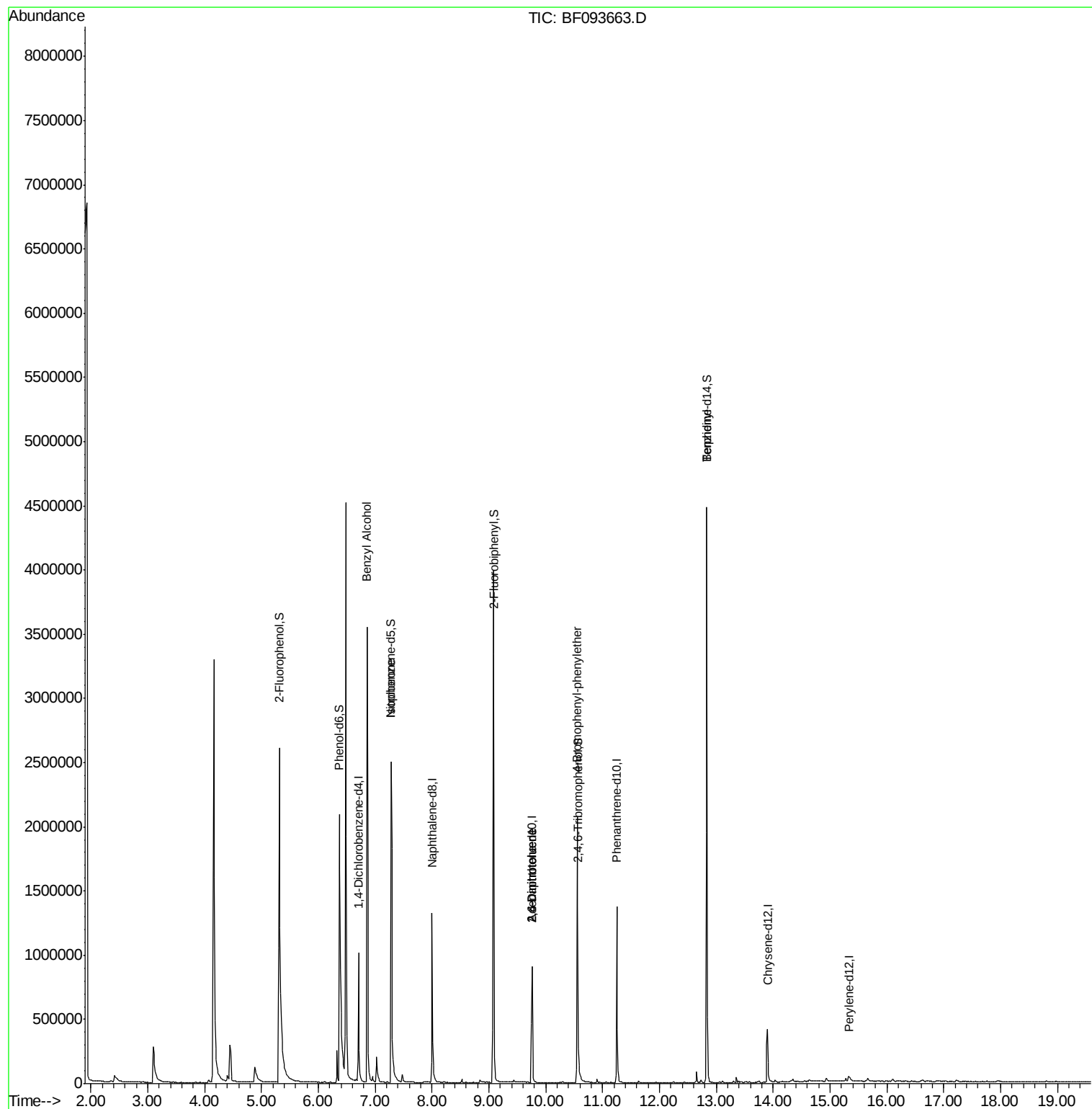
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	162953	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	672469	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	197621	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	536515	20.00	ng	0.00
75) Chrysene-d12	13.90	240	197646	20.00	ng	0.01
86) Perylene-d12	15.33	264	6043	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1378146	140.76	ng	0.00
7) Phenol-d6	6.37	99	1468474	118.94	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1218915	100.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	353967	274.92	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1859312	175.00	ng	0.00
78) Terphenyl-d14	12.84	244	1476070	194.17	ng	0.01
Target Compounds						
9) Benzaldehyde	6.38	77	2645	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	18229	2.07 ng	#	46
25) Isophorone	7.28	82	1210923	49.55 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	25284	8.79 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	25285	7.16 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	24558	4.33 ng	#	1
76) Benizidine	12.84	184	19870	3.06 ng	#	89

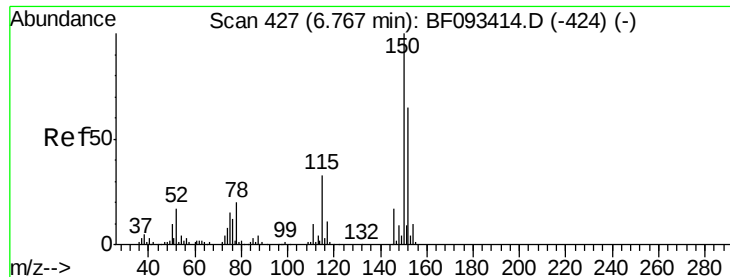
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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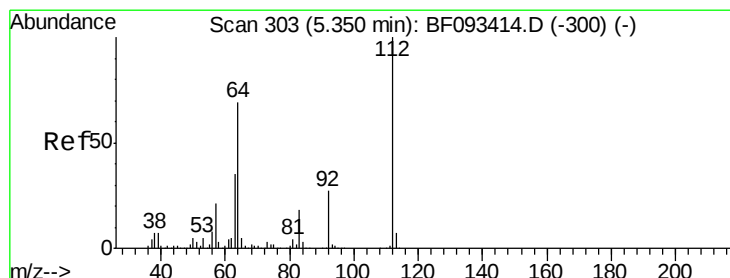
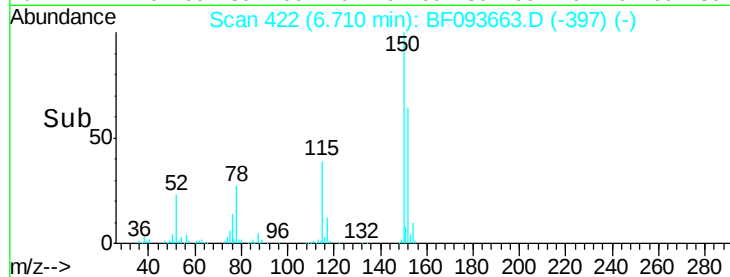
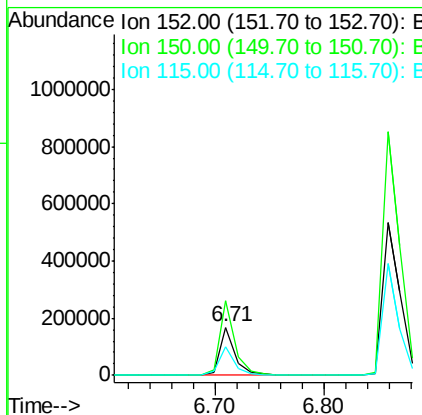
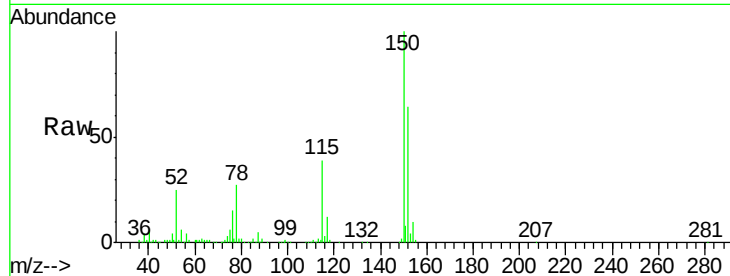


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093663.D
Acq: 14 Mar 2017 17:16

Instrument :
BNA_M
ClientSampled :

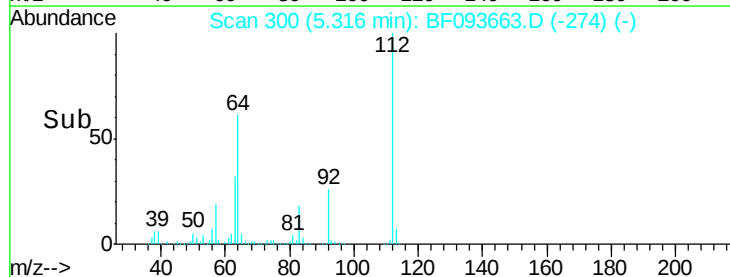
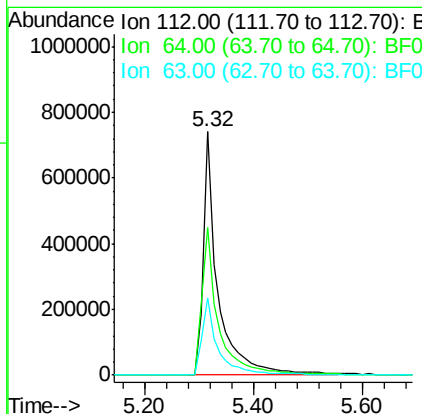
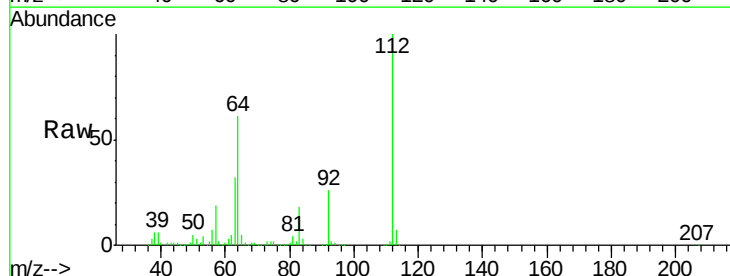
Tot Ion:152 Resp: 162953
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 60.5 46.0 69.0

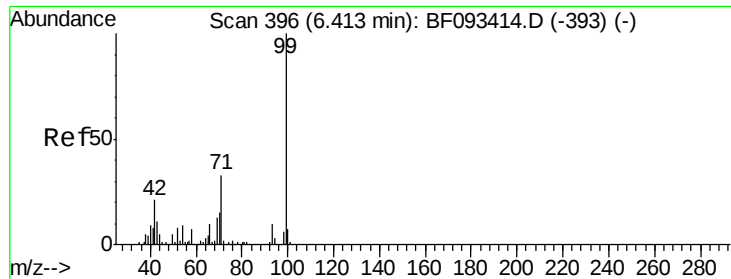


#5

2-Fluorophenol
Concen: 140.76 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093663.D
Acq: 14 Mar 2017 17:16

Tgt Ion:112 Resp: 1378146
Ion Ratio Lower Upper
112 100
64 60.9 46.1 69.1
63 31.9 23.8 35.6





#7

Phenol-d6

Concen: 118.94 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_M

ClientSampleId :

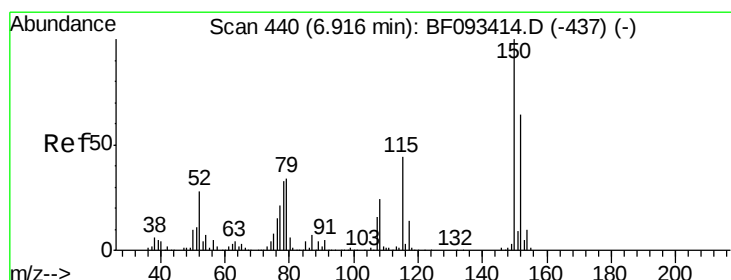
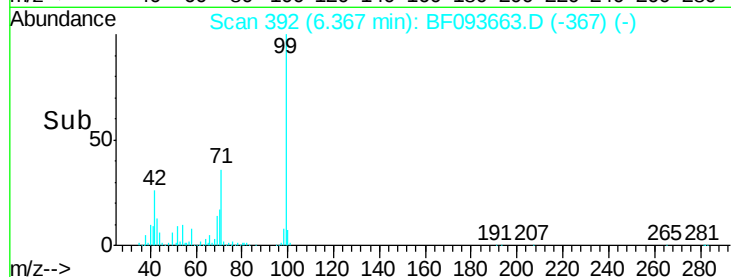
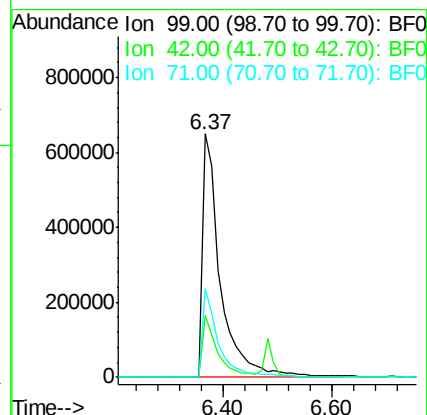
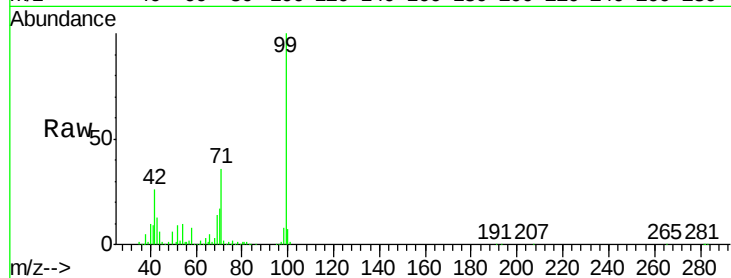
Tot Ion: 99 Resp: 1468474

Ion Ratio Lower Upper

99 100

42 25.6 15.6 23.4#

71 36.3 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

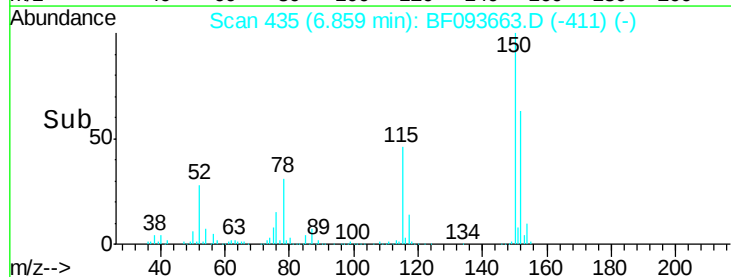
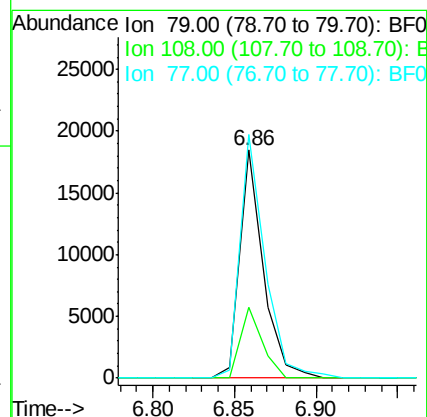
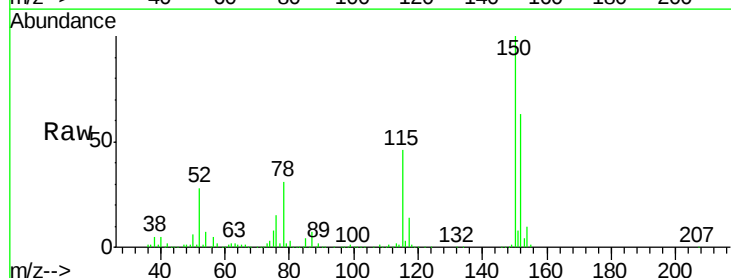
Tgt Ion: 79 Resp: 18229

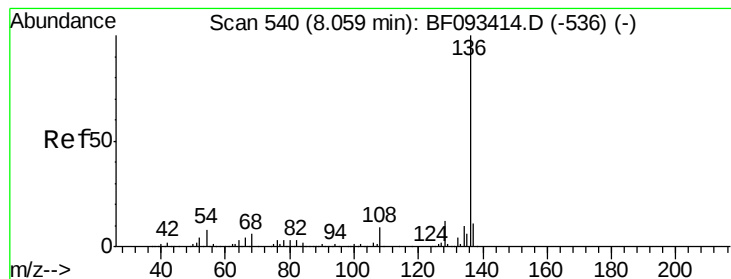
Ion Ratio Lower Upper

79 100

108 31.0 61.4 92.0#

77 106.9 50.9 76.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 672469

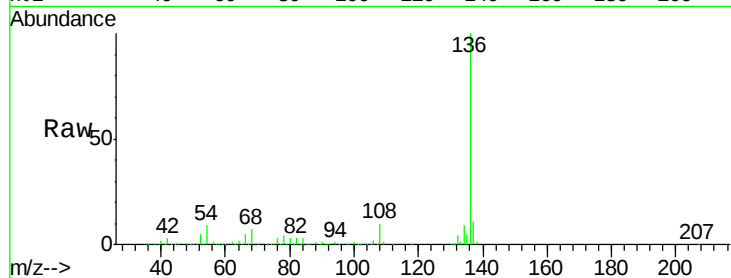
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.2 4.5 6.7#

68 6.7 3.6 5.4#

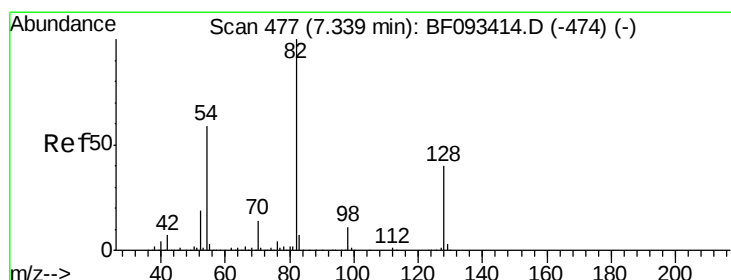
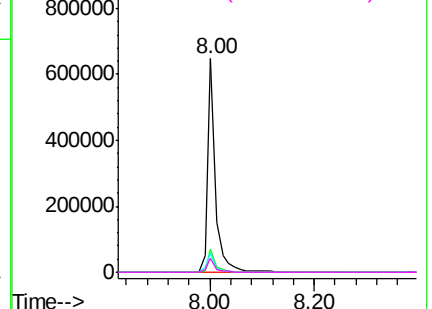
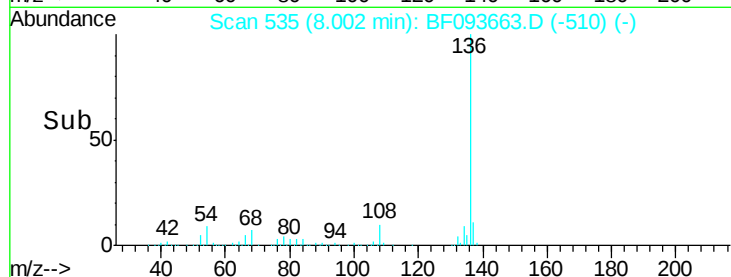


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 100.57 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

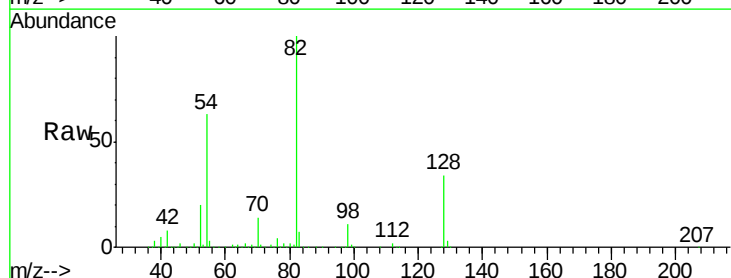
Tgt Ion: 82 Resp: 1218915

Ion Ratio Lower Upper

82 100

128 34.3 34.6 52.0#

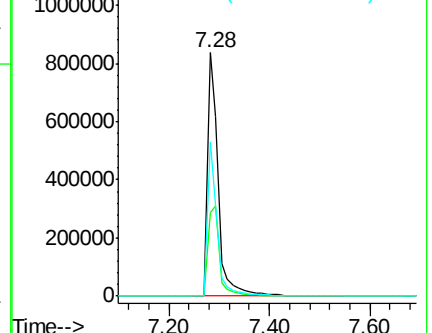
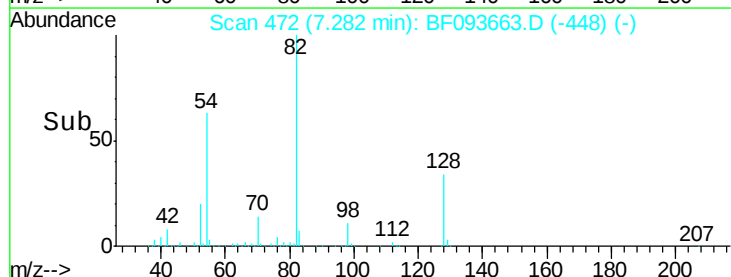
54 63.1 39.5 59.3#

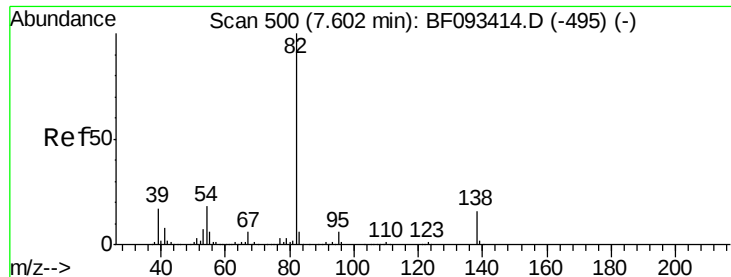


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.55 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_M

ClientSampleId :

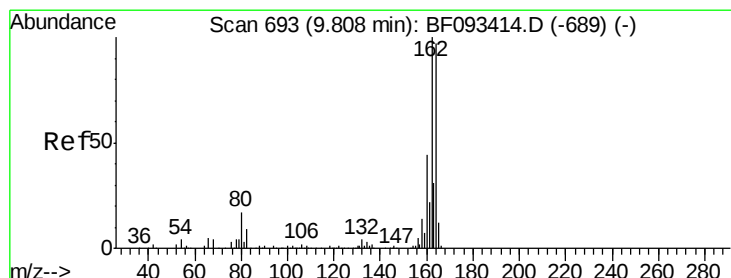
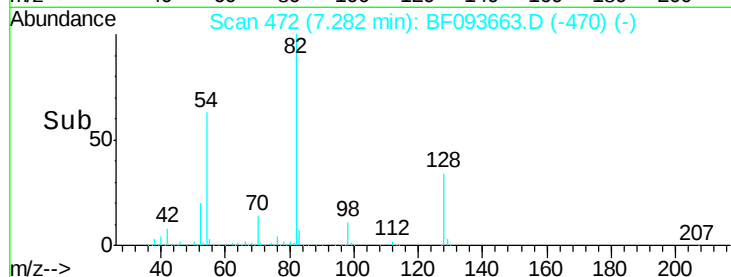
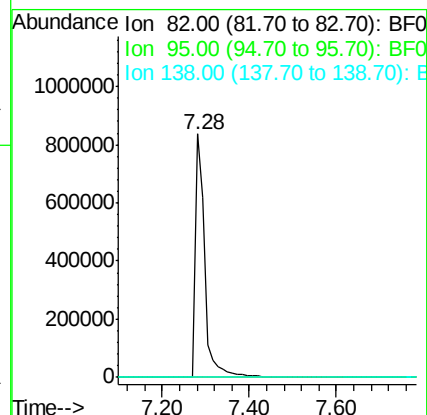
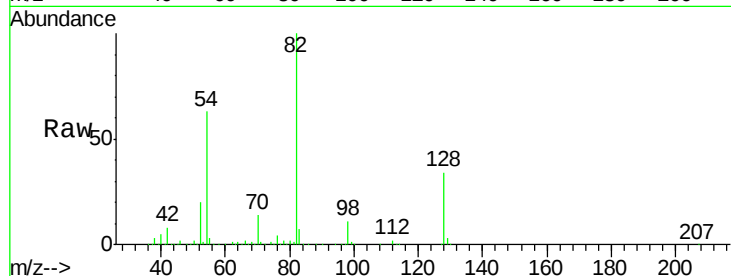
Tot Ion: 82 Resp: 1210923

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

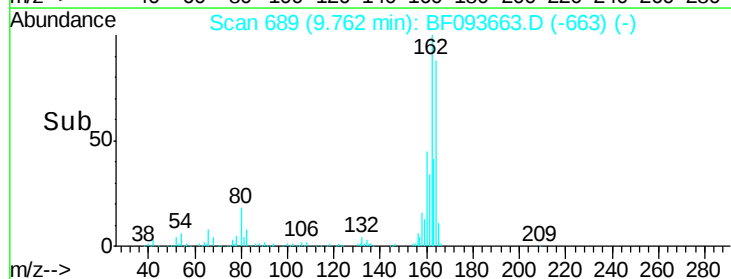
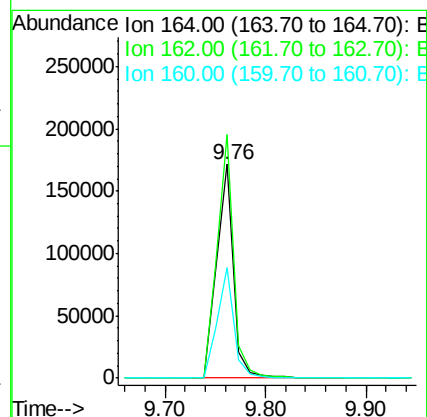
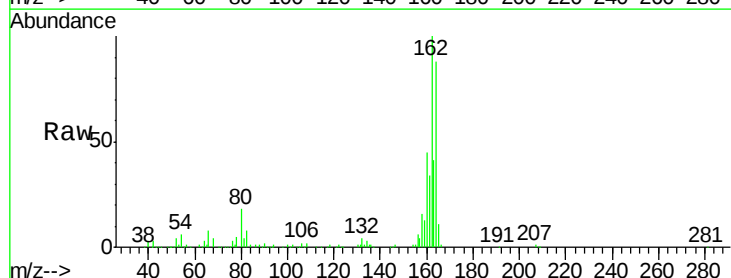
Tgt Ion:164 Resp: 197621

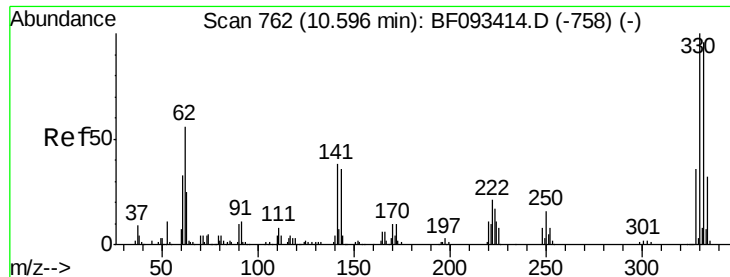
Ion Ratio Lower Upper

164 100

162 113.7 80.2 120.2

160 51.3 36.9 55.3

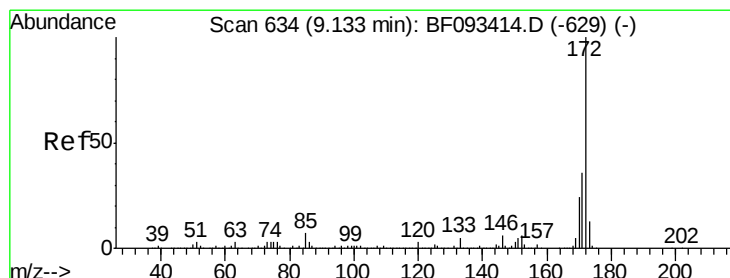
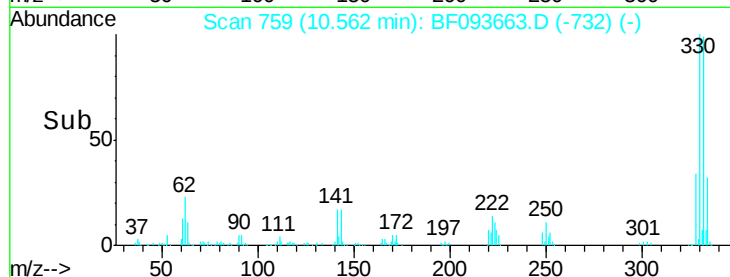
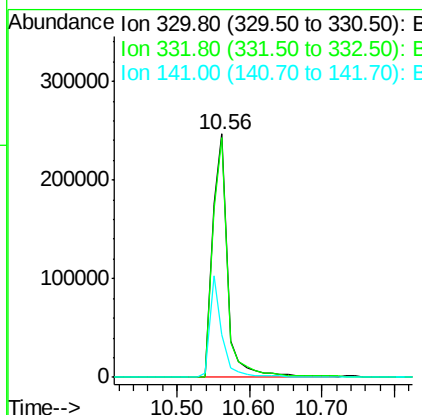
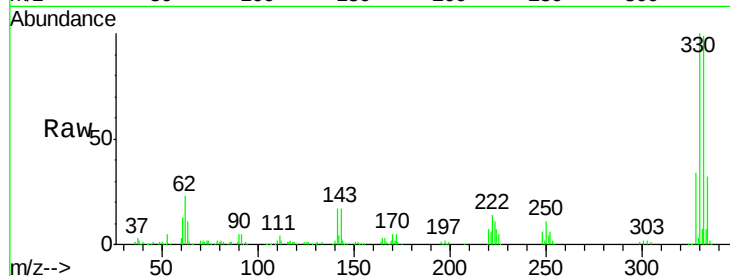




#41
 2,4,6-Tribromophenol
 Concen: 274.92 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

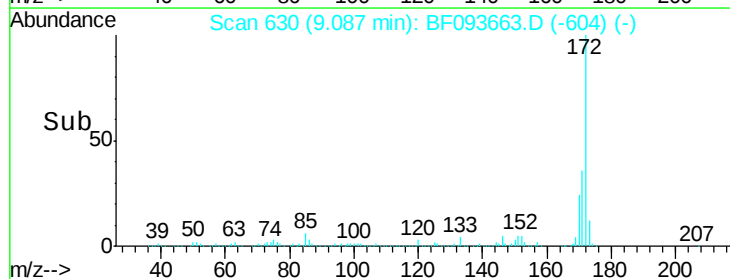
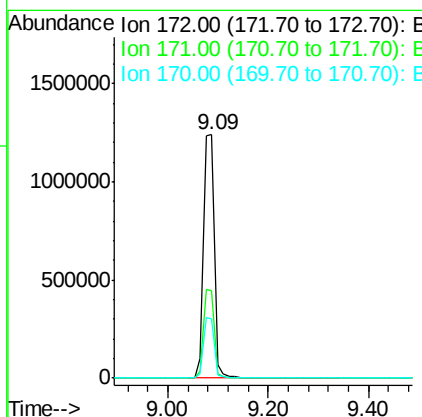
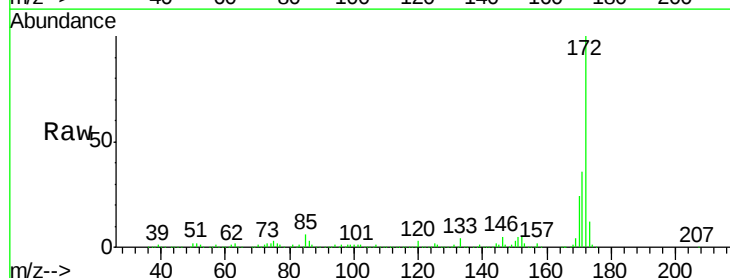
Instrument :
 BNA_M
 ClientSampleId :

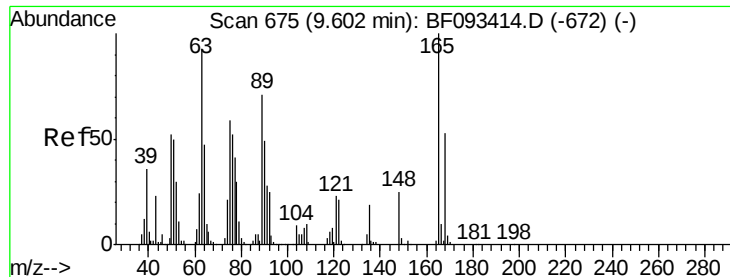
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.4	116.2
141	35.0	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 175.00 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	20.2	30.4





#50

2,6-Dinitrotoluene

Concen: 8.79 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.19 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_M

ClientSampleId :

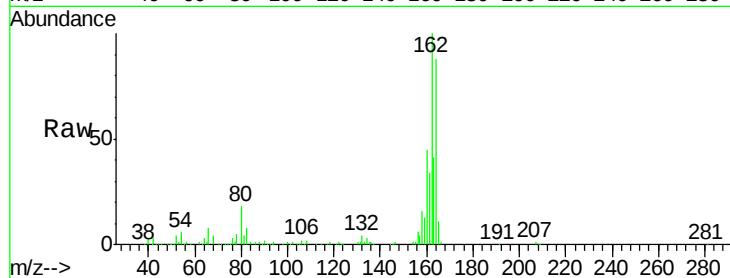
Tot Ion:165 Resp: 25284

Ion Ratio Lower Upper

165 100

63 1.8 36.2 54.4#

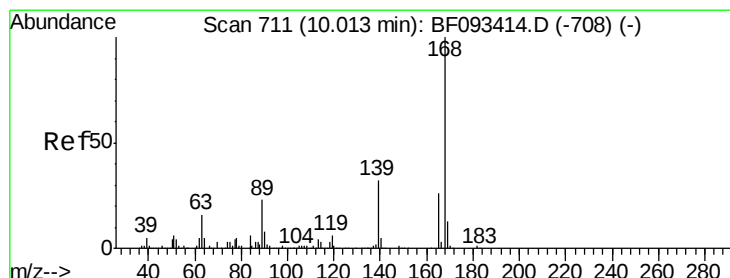
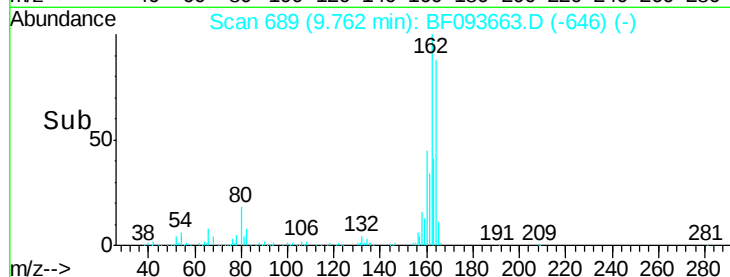
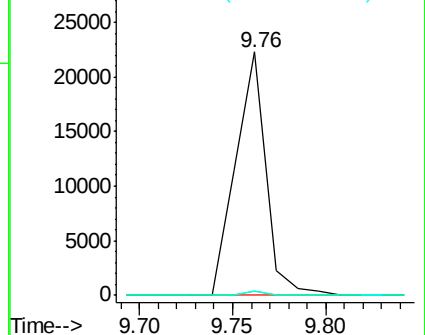
89 1.8 40.2 60.4#



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



#56

2,4-Dinitrotoluene

Concen: 7.16 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.22 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Tgt Ion:165 Resp: 25285

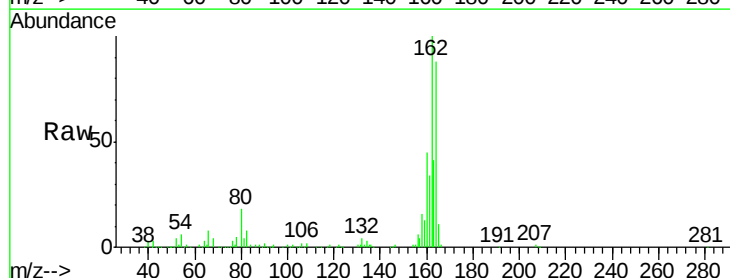
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

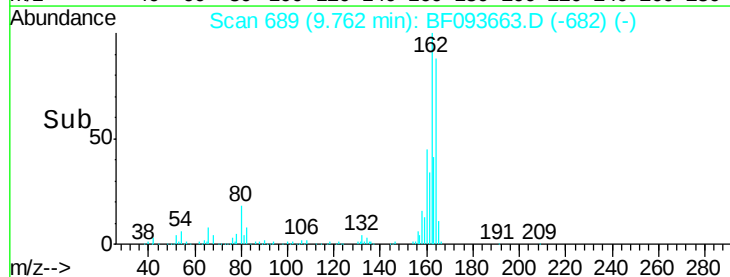
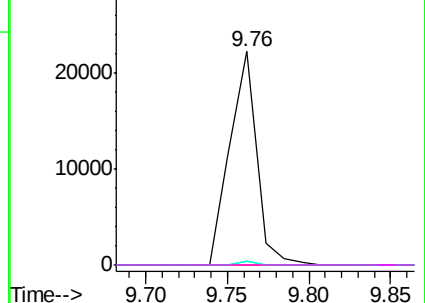


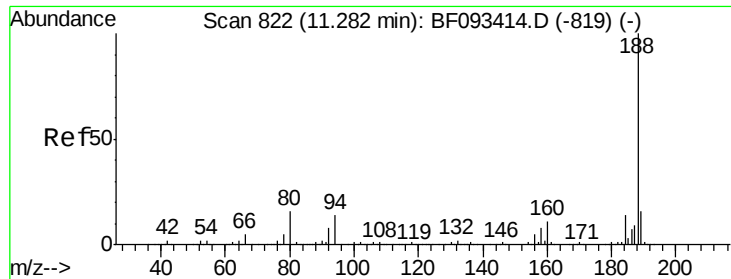
Abundance Ion 165.00 (164.70 to 165.70): E

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

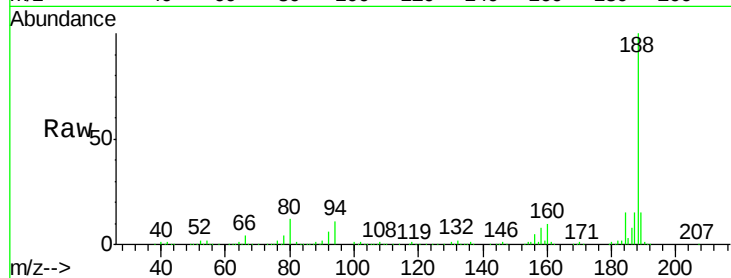




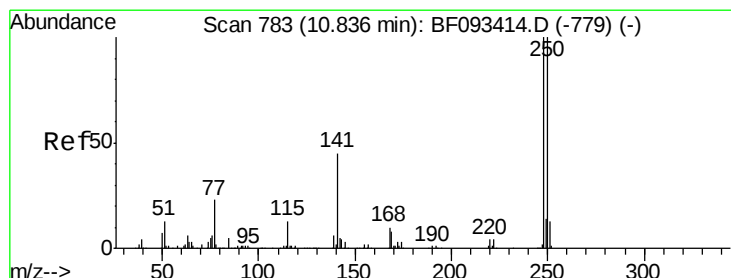
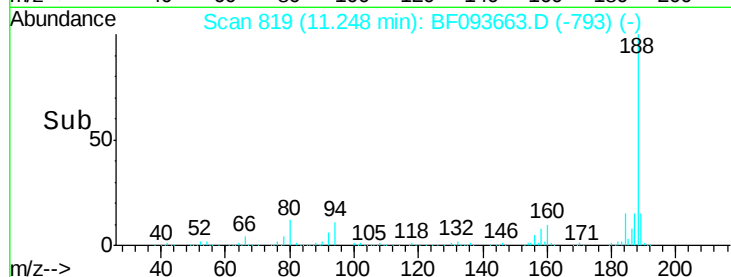
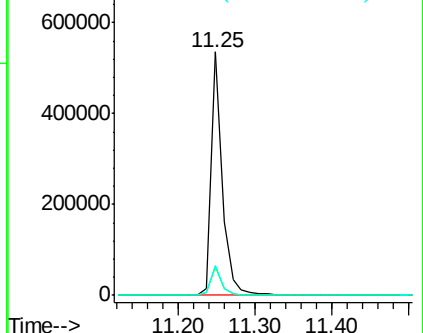
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093663.D
Acq: 14 Mar 2017 17:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 536515
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.1 11.2 16.8

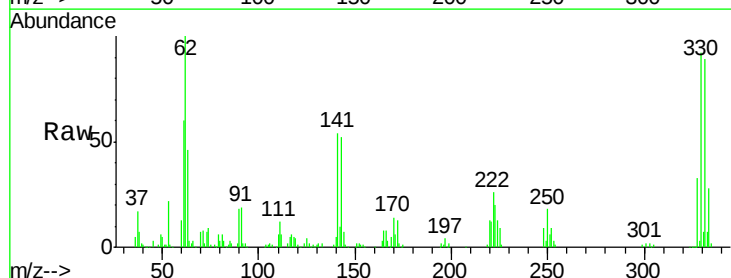


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

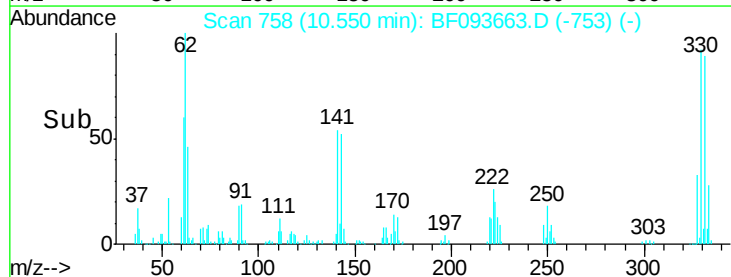
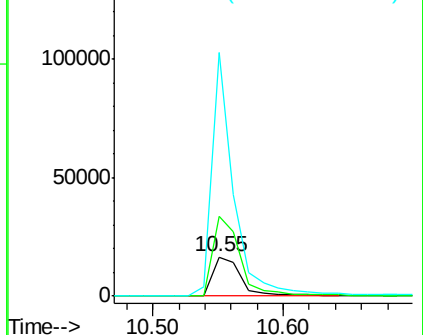


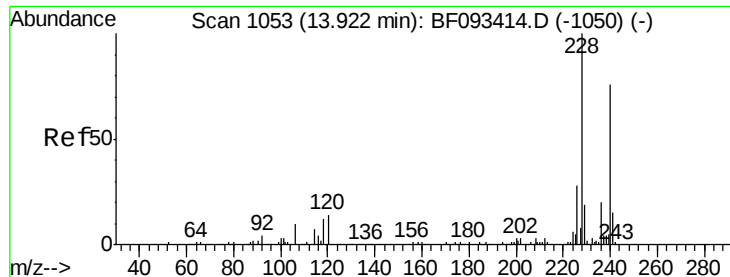
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093663.D
Acq: 14 Mar 2017 17:16

Tgt Ion:248 Resp: 24558
Ion Ratio Lower Upper
248 100
250 203.9 76.9 115.3#
141 623.2 68.2 102.4#



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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_M

ClientSampleId :

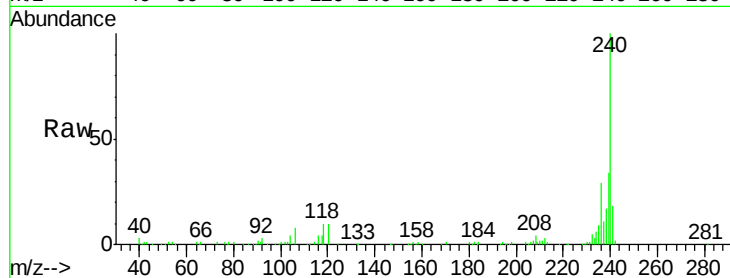
Tot Ion:240 Resp: 197646

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

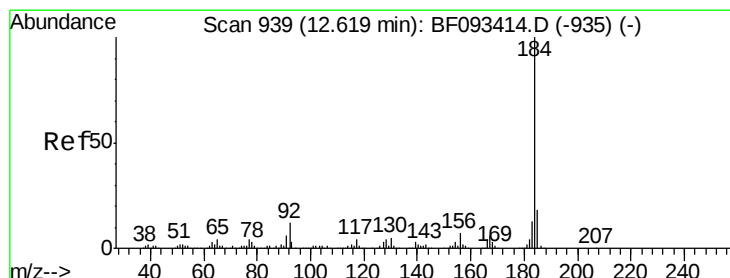
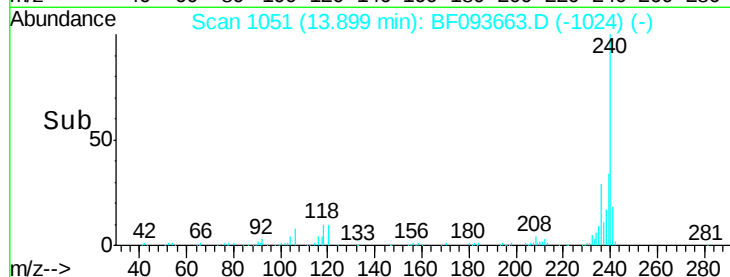
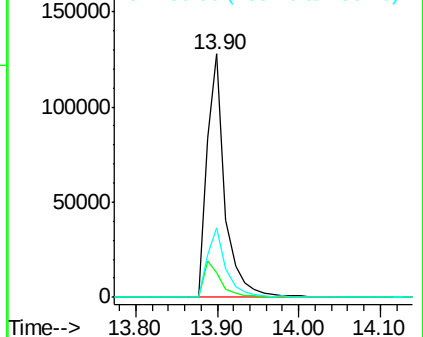
236 28.6 20.9 31.3



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



#76

Benzidine

Concen: 3.06 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.25 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

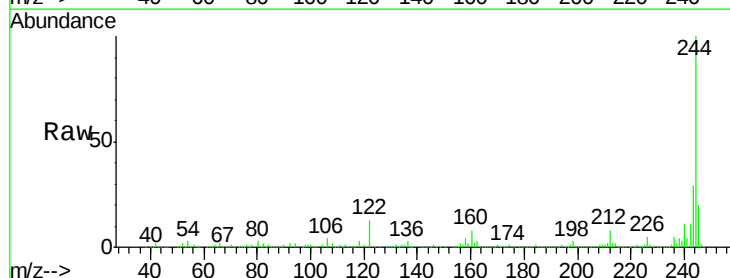
Tgt Ion:184 Resp: 19870

Ion Ratio Lower Upper

184 100

185 18.9 13.4 20.0

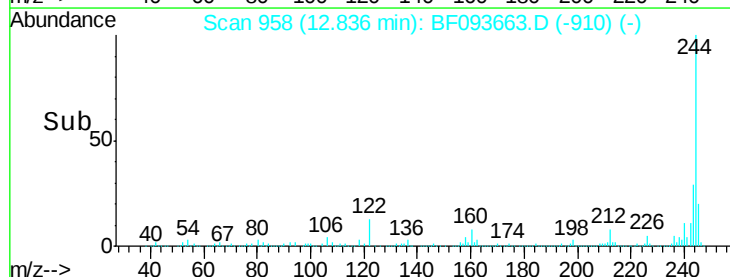
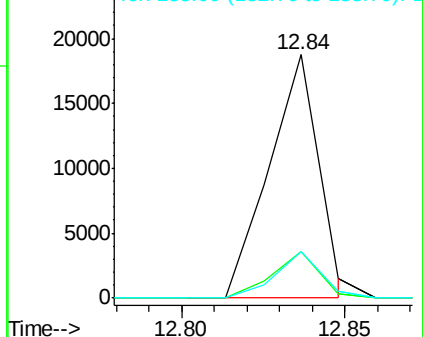
183 19.3 9.2 13.8#

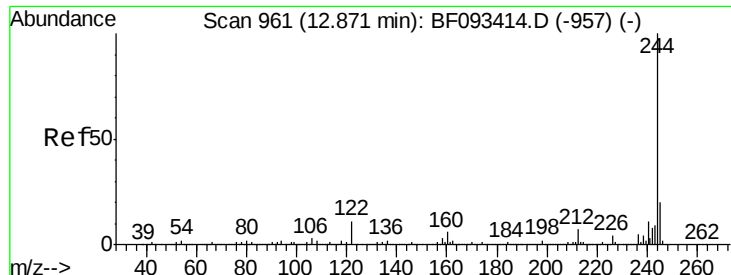


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

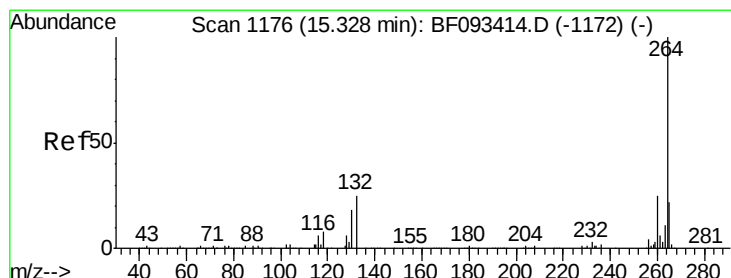
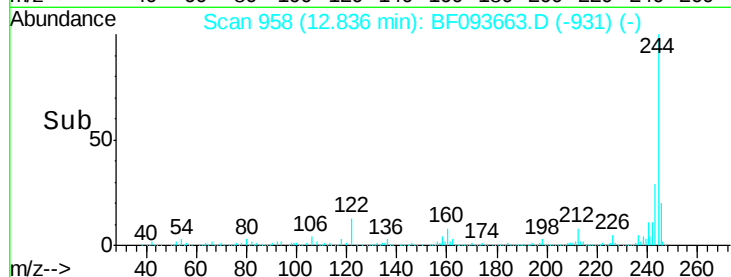
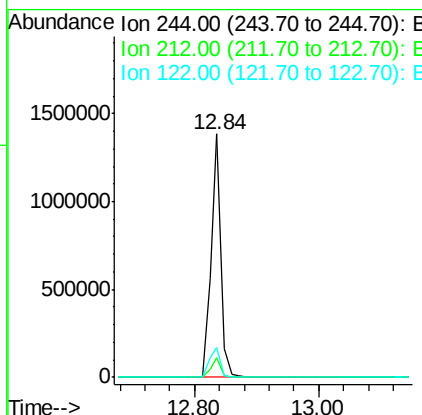
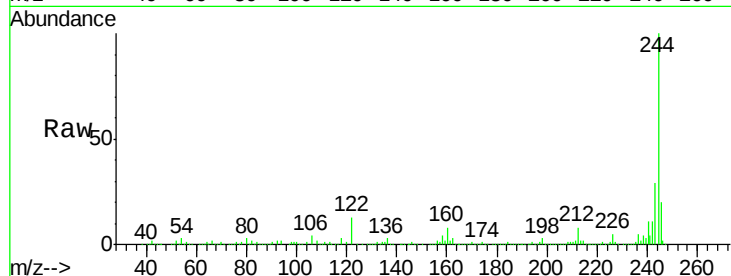




#78
 Terphenyl-d14
 Concen: 194.17 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1476070
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1176
 Delta R.T. 0.05 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Tgt Ion:264 Resp: 6043
 Ion Ratio Lower Upper
 264 100
 260 76.4 19.2 28.8#
 265 26.3 17.4 26.0#

