

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087111.D
 Acq On : 17 May 2016 19:32
 Operator : UM/SJ
 Sample : H2945-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616RE

Quant Time: May 18 01:47:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

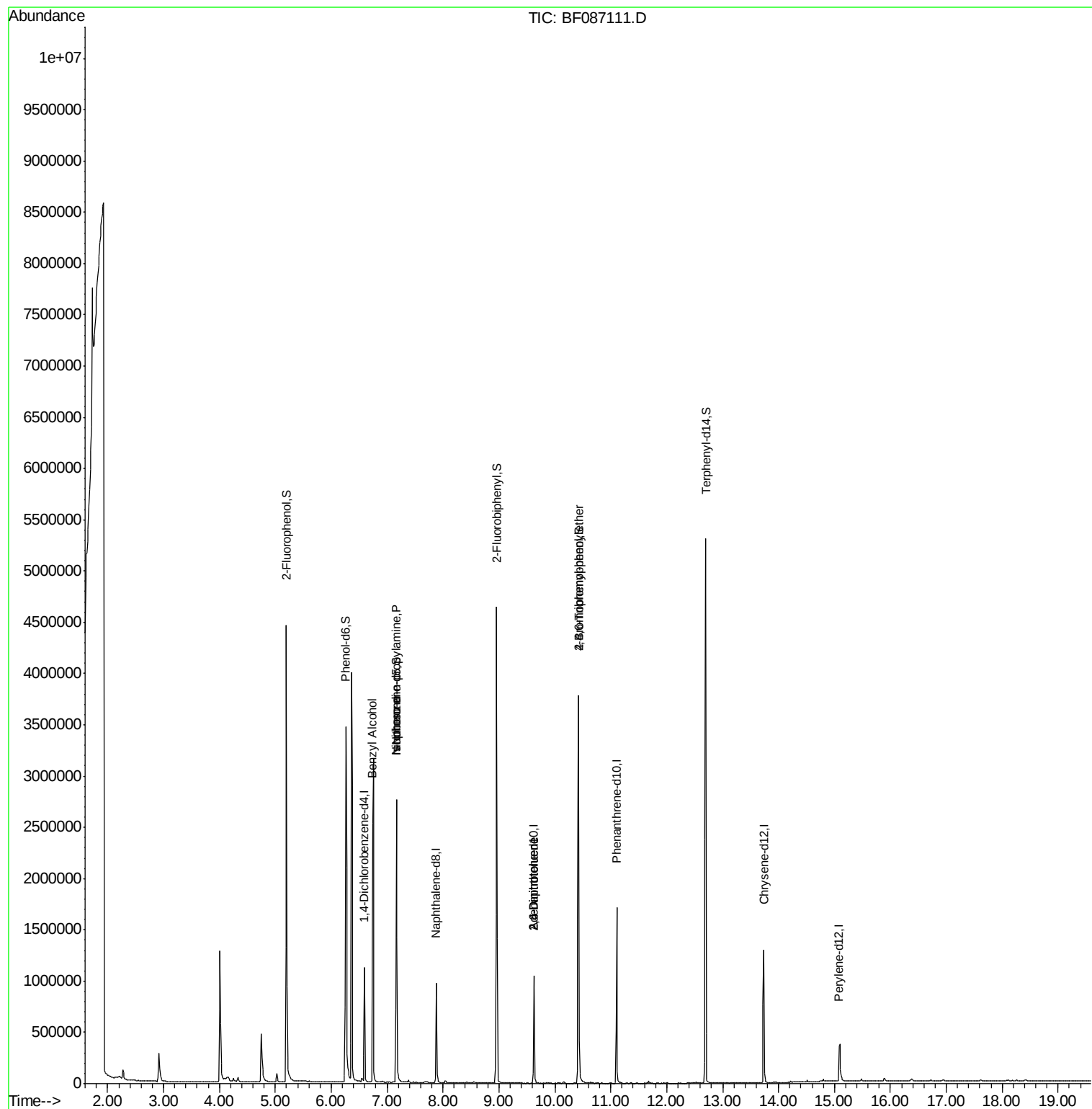
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	153796	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	620108	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	286794	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	618087	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	541212	20.00	ng	-0.02
86) Perylene-d12	15.09	264	125318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1188174	129.86	ng	0.00
7) Phenol-d6	6.26	99	1475007	120.19	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1101162	88.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	489510	154.46	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1725487	99.64	ng	-0.02
78) Terphenyl-d14	12.70	244	1779243	74.37	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.74	79	19230	2.10	ng	# 43
19) n-Nitroso-di-n-propylamine	7.16	70	155006	16.62	ng	# 71
25) Isophorone	7.16	82	944552	41.47	ng	# 68
50) 2,6-Dinitrotoluene	9.62	165	36712	7.73	ng	# 21
55) 4-Nitrophenol	9.84	139	448	Below Cal		# 14
56) 2,4-Dinitrotoluene	9.62	165	36712	6.03	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	29999	4.72	ng	# 1

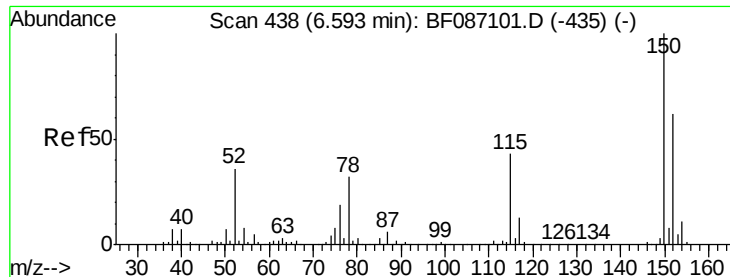
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

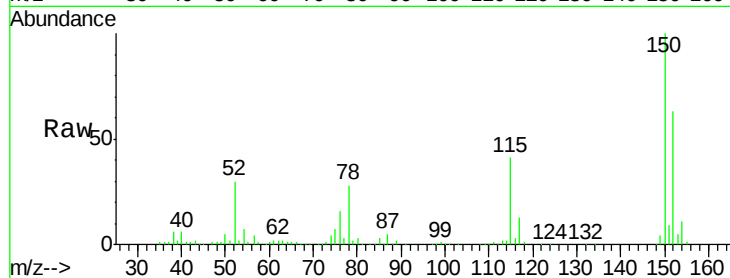
Tgt Ion:152 Resp: 153796

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

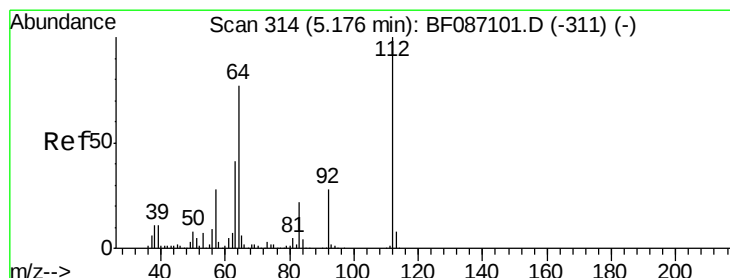
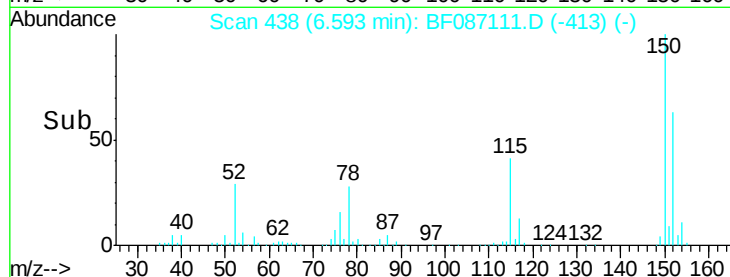
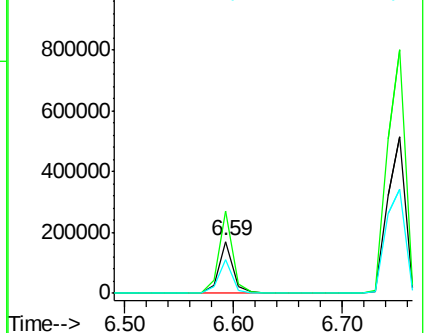
115 64.4 51.5 77.3



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: 129.86 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

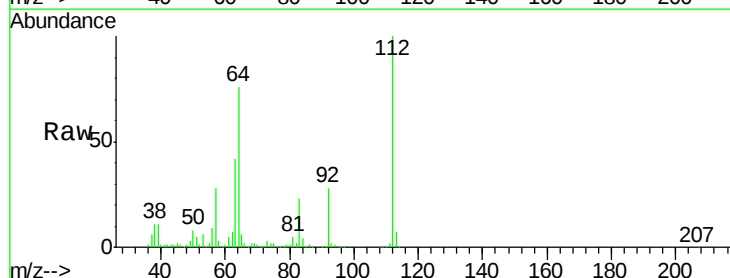
Tgt Ion:112 Resp: 1188174

Ion Ratio Lower Upper

112 100

64 75.6 52.1 78.1

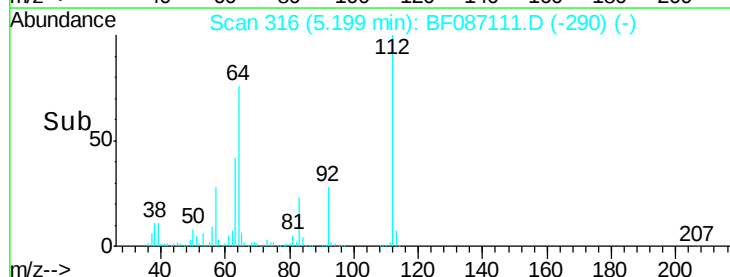
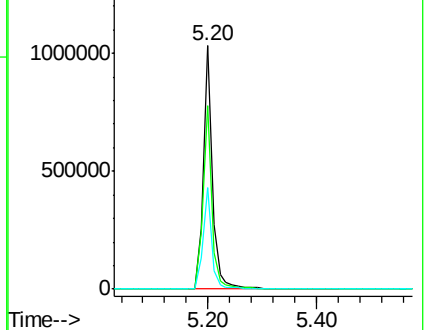
63 41.9 25.7 38.5

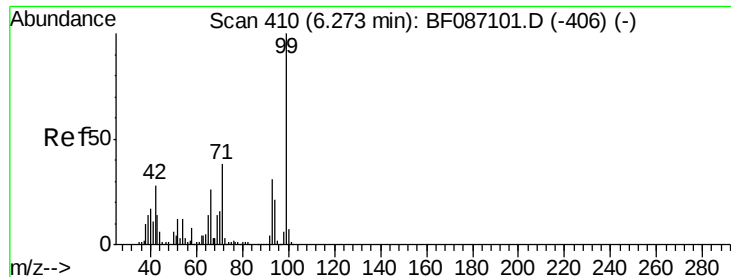


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.19 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

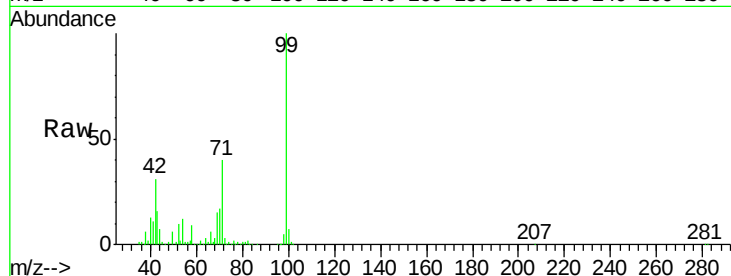
Tgt Ion: 99 Resp: 1475007

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

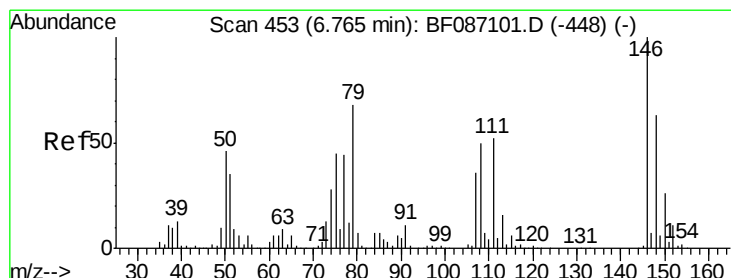
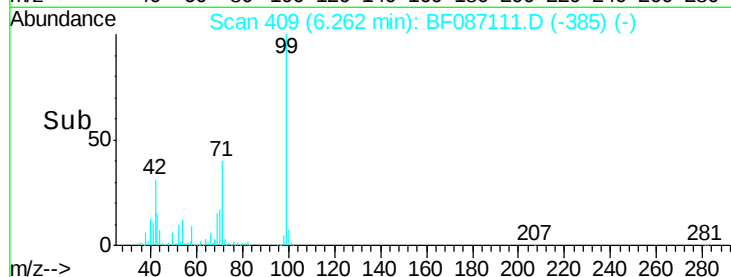
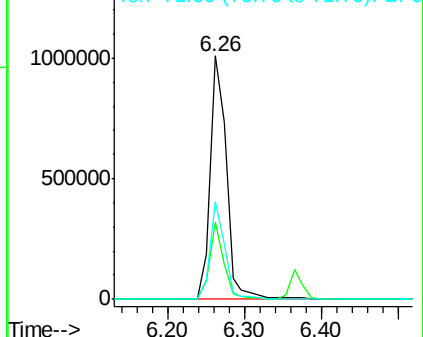
71 40.3 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

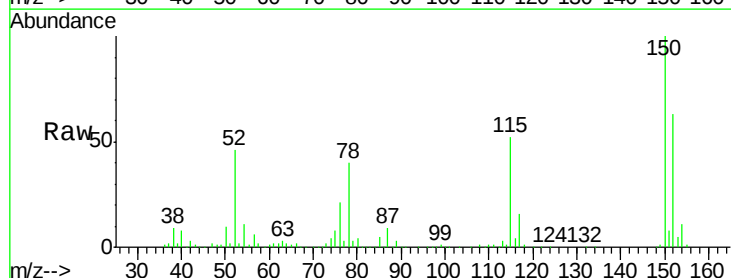
Tgt Ion: 79 Resp: 19230

Ion Ratio Lower Upper

79 100

108 27.8 68.4 102.6#

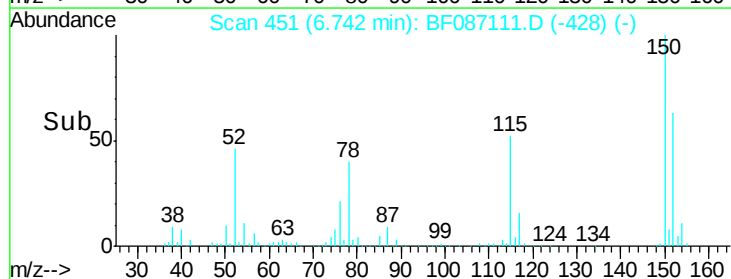
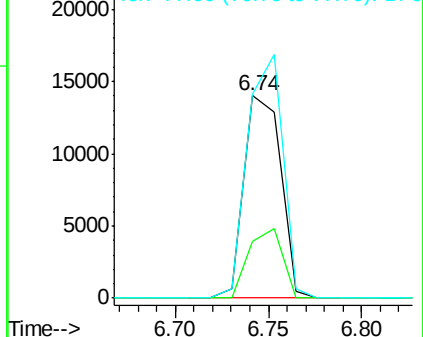
77 101.0 50.6 76.0#

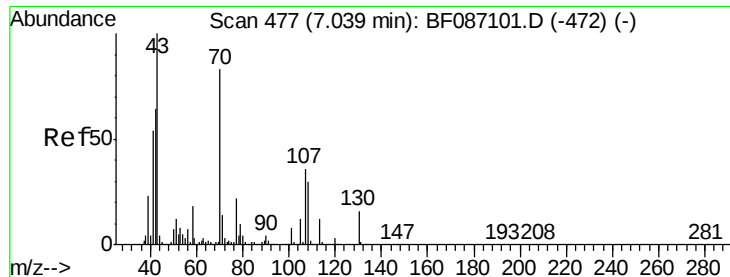


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

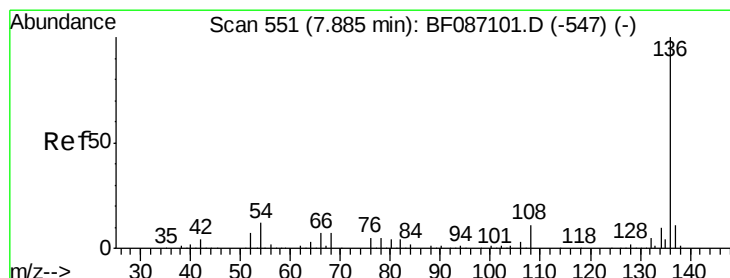
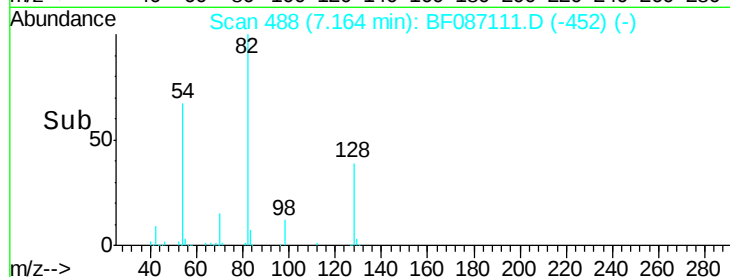
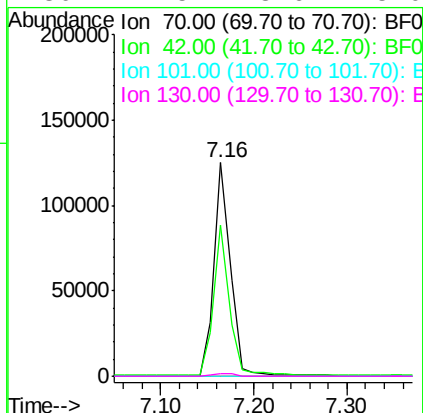
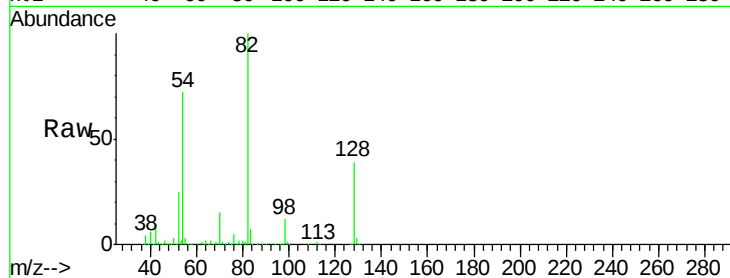




#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.11 min
Lab File: BF087111.D
Acq: 17 May 2016 19:32

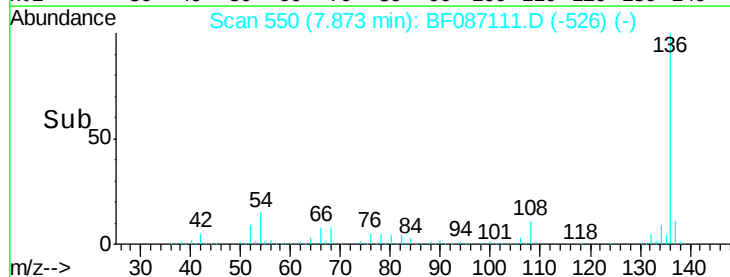
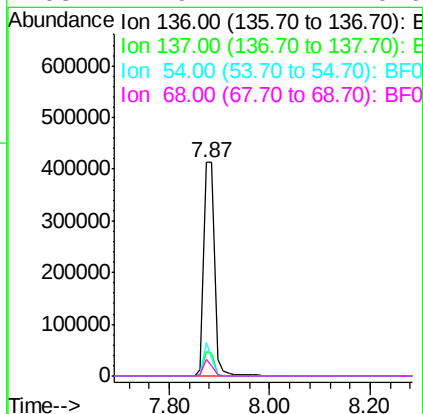
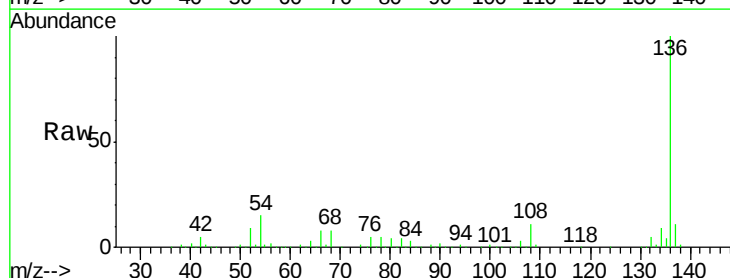
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616RE

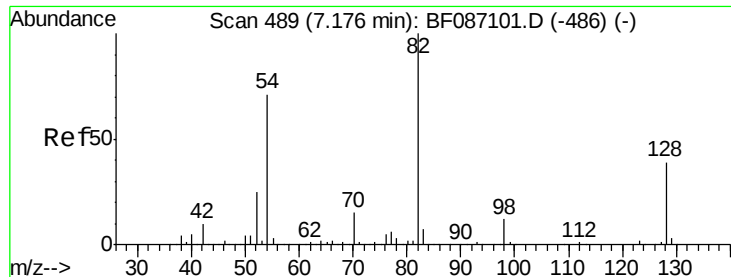
Tgt Ion: 70 Resp: 155006
Ion Ratio Lower Upper
70 100
42 70.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.5 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087111.D
Acq: 17 May 2016 19:32

Tgt Ion: 136 Resp: 620108
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 15.4 5.0 7.4#
68 7.9 4.4 6.6#

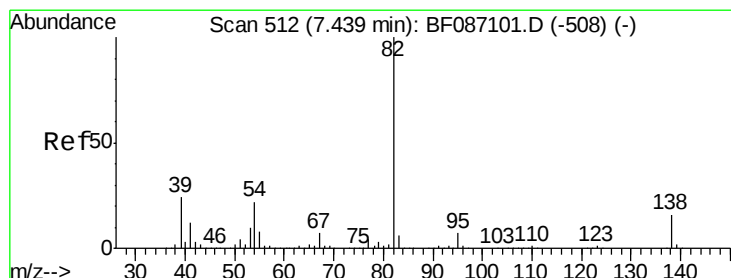
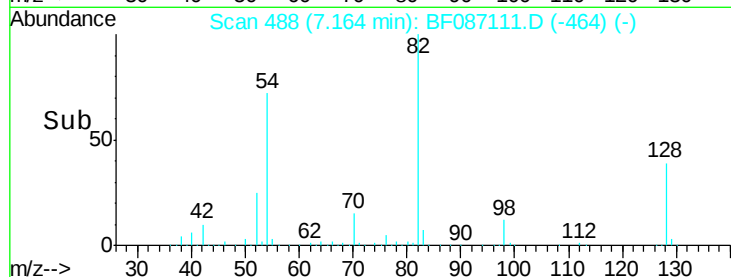
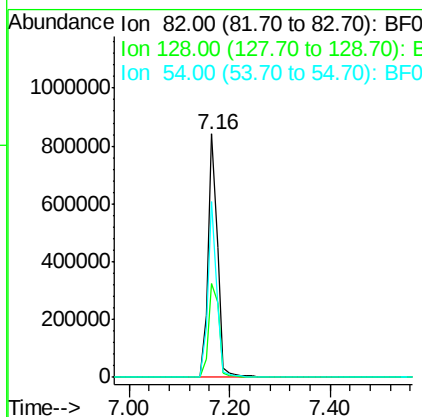
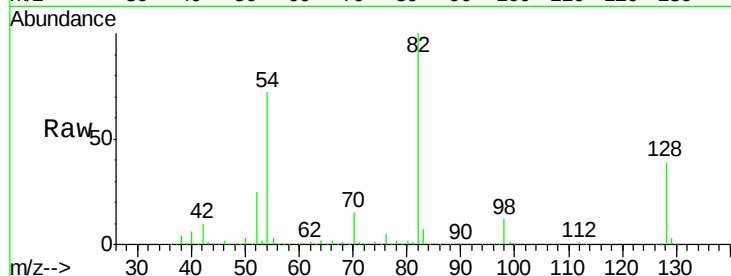




#23
 Nitrobenzene-d5
 Concen: 88.50 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

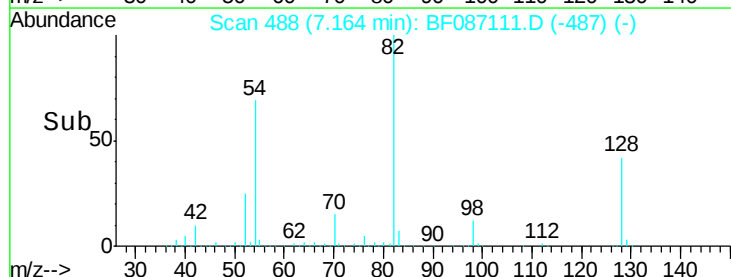
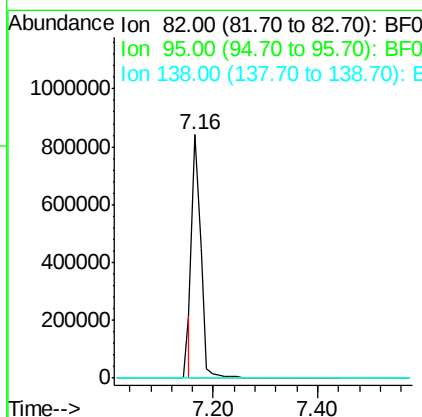
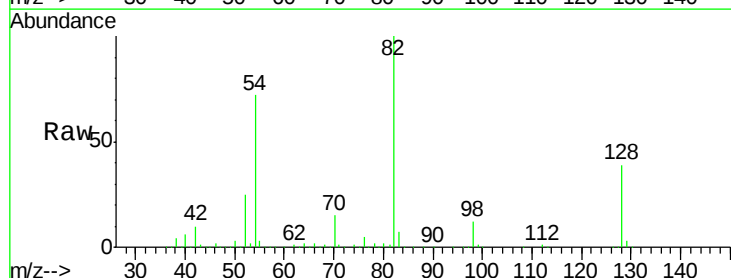
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616RE

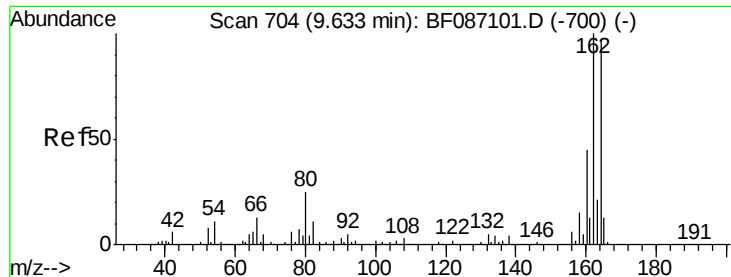
Tgt Ion: 82 Resp: 1101162
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 72.2 38.1 57.1#



#25
 Isophorone
 Concen: 41.47 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.29 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

Tgt Ion: 82 Resp: 944552
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

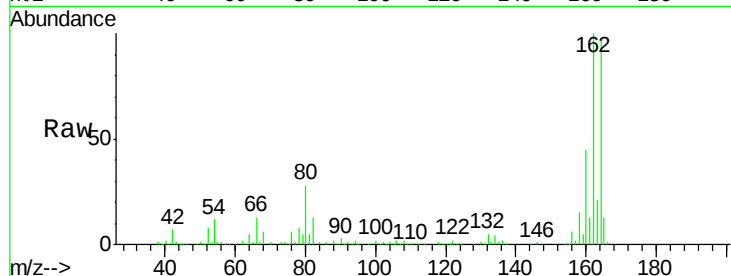
Tgt Ion:164 Resp: 286794

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

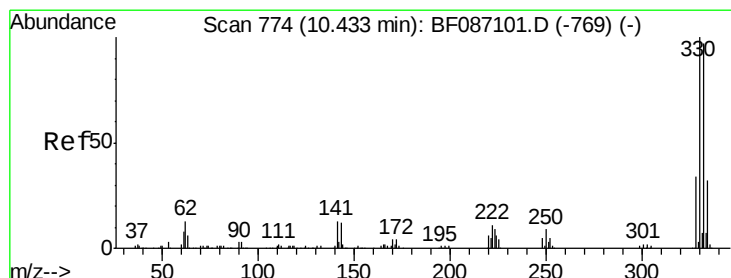
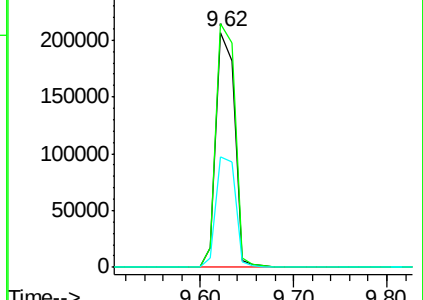
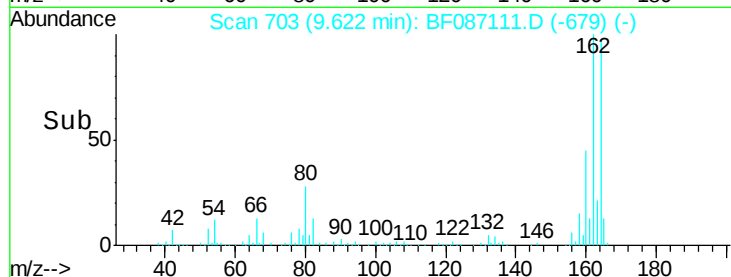
160 46.7 36.9 55.3



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: 154.46 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

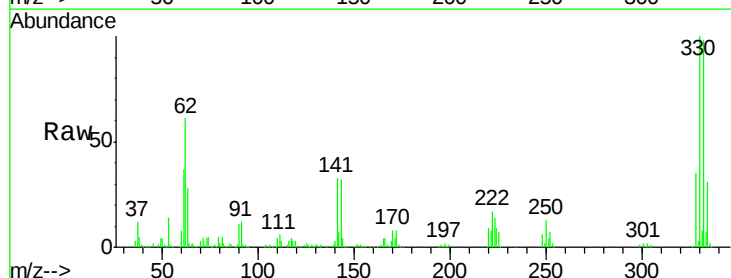
Tgt Ion:330 Resp: 489510

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

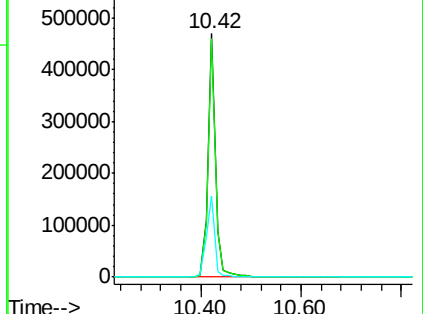
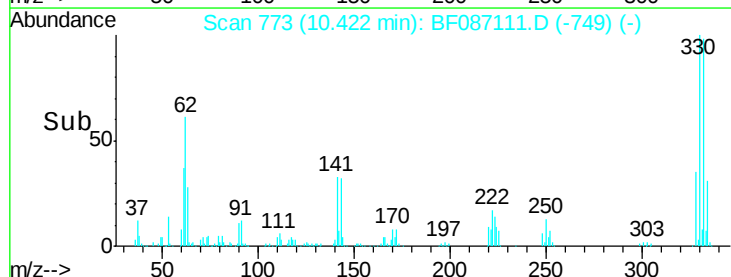
141 36.9 31.2 46.8

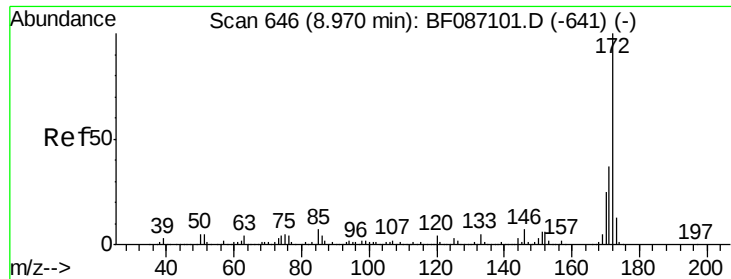


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 99.64 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

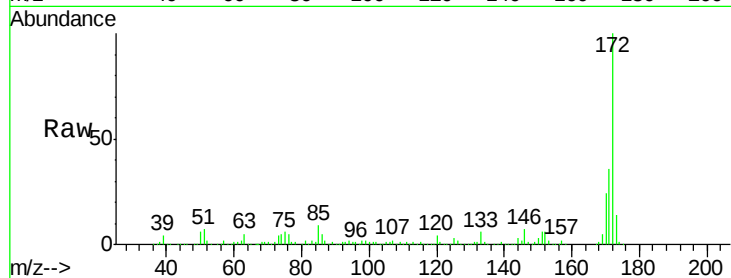
BNA_F

ClientSampleId :

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Tgt Ion:172 Resp: 1725487

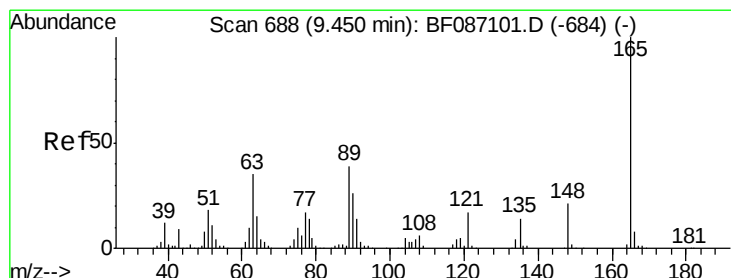
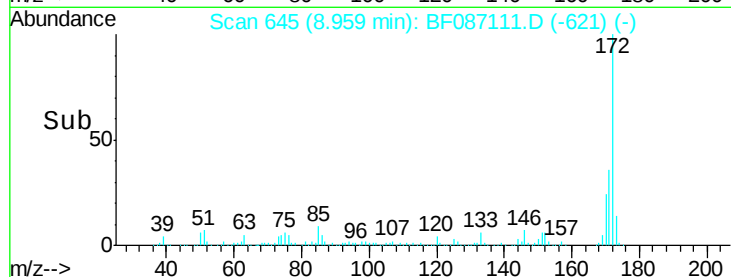
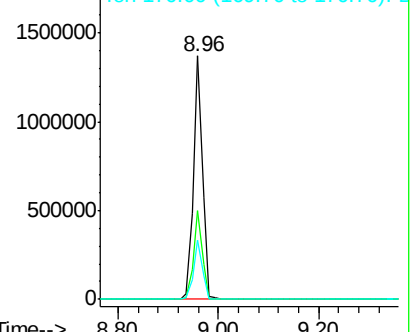
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	19.8	29.8



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



#50

2,6-Dinitrotoluene

Concen: 7.73 ng

RT: 9.62 min Scan# 703

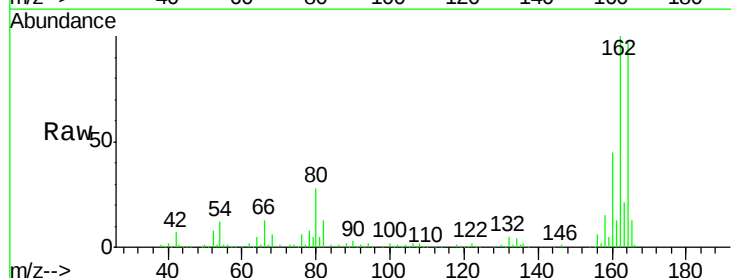
Delta R.T. 0.16 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Tgt Ion:165 Resp: 36712

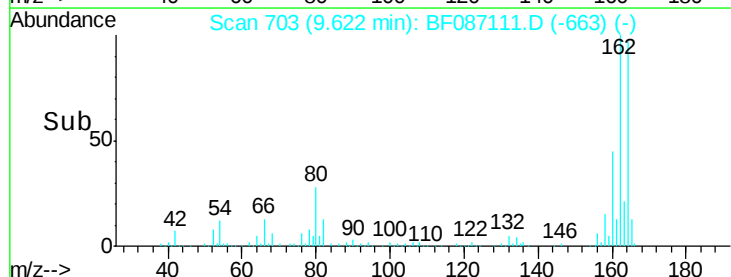
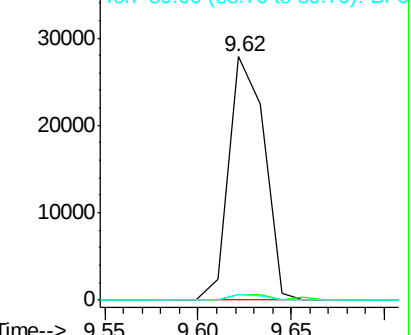
Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	2.2	50.7	76.1#

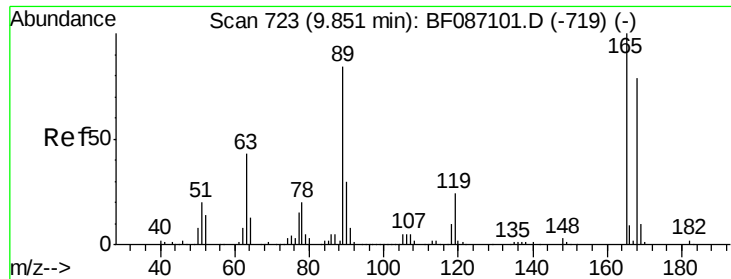


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.24 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:165 Resp: 36712

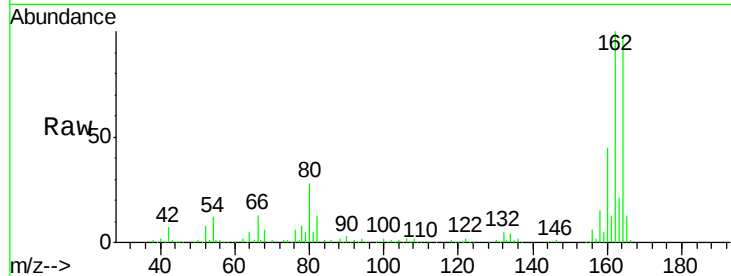
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 2.2 70.0 105.0#

182 0.0 1.8 2.6#

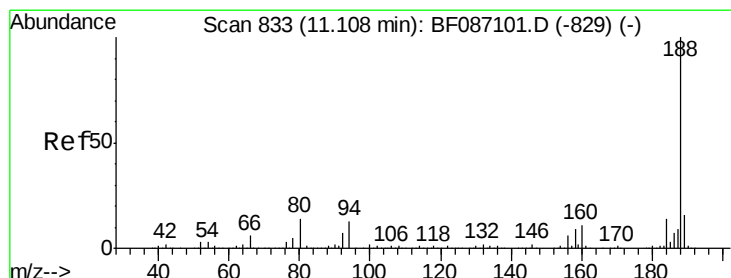
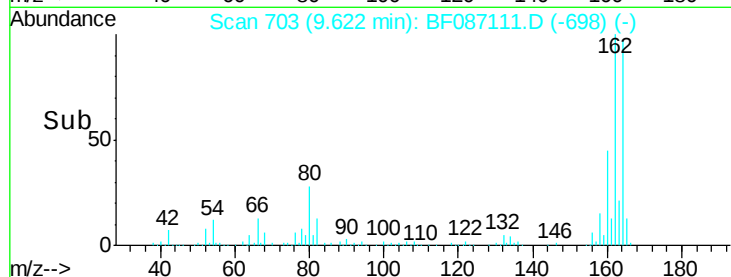
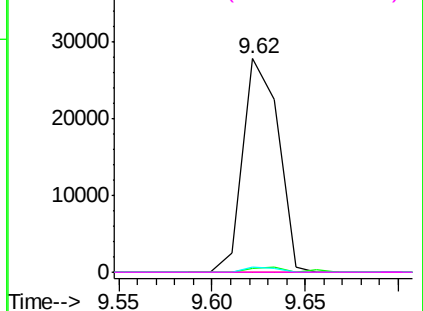


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

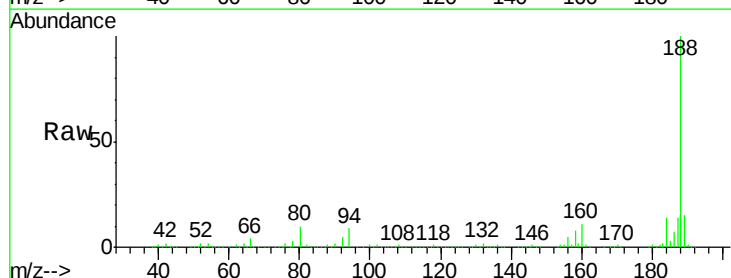
Tgt Ion:188 Resp: 618087

Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

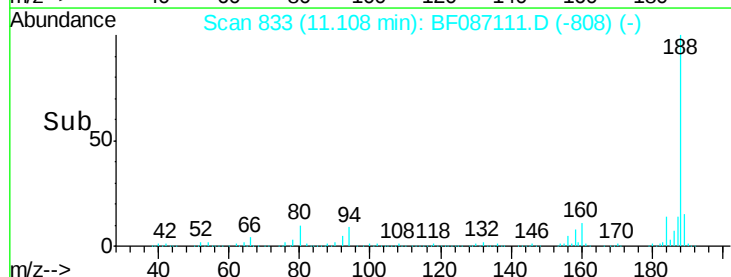
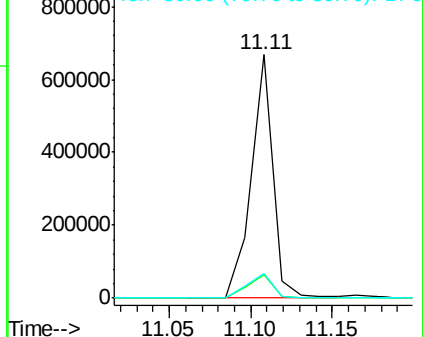
80 10.1 7.1 10.7

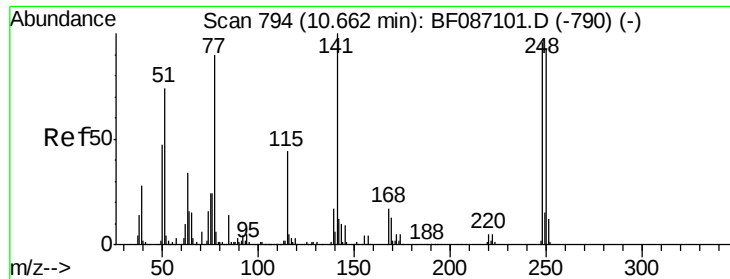


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

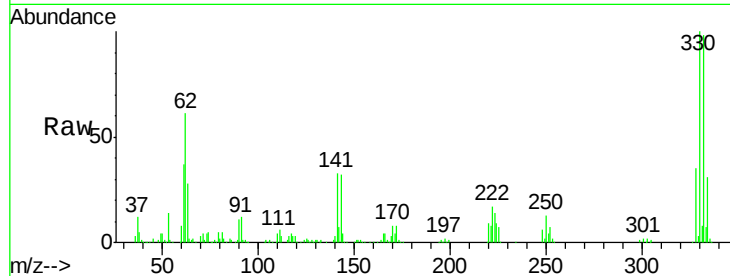
Tgt Ion:248 Resp: 29999

Ion Ratio Lower Upper

248 100

250 202.6 78.6 117.8#

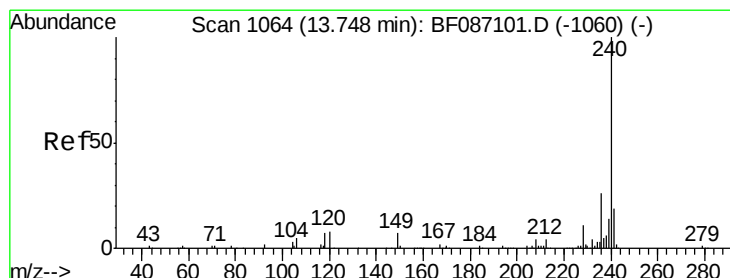
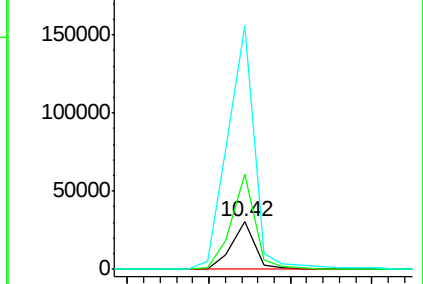
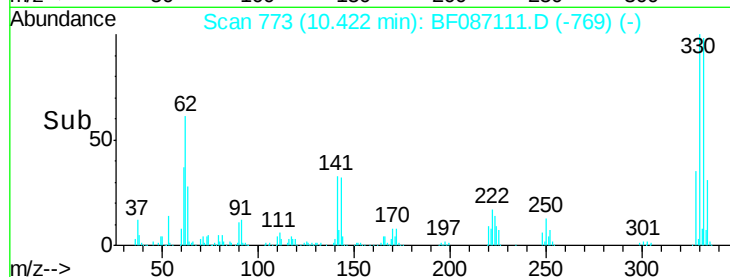
141 515.2 76.0 114.0#



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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

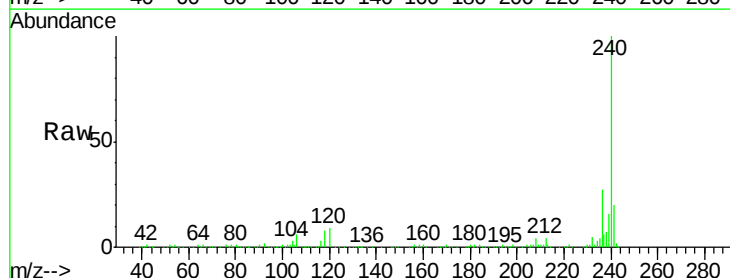
Tgt Ion:240 Resp: 541212

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

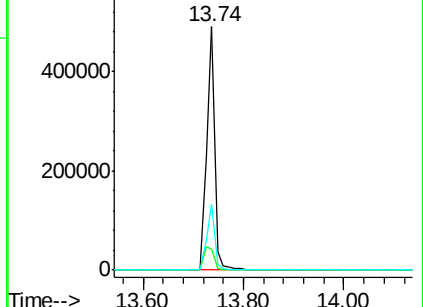
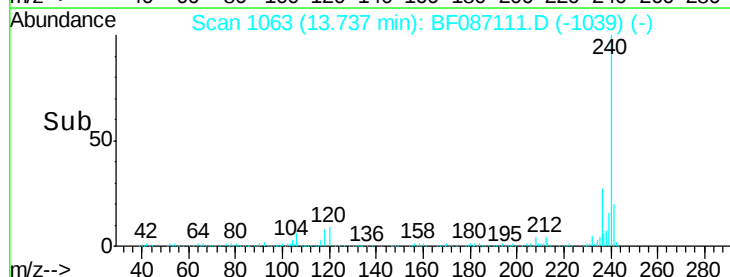
236 26.9 21.2 31.8

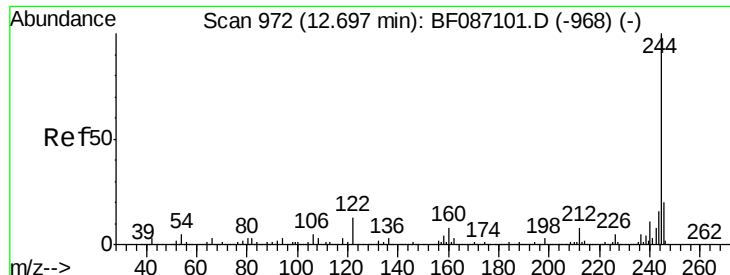


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.37 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

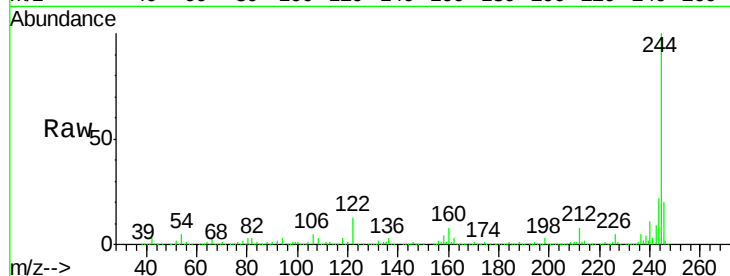
Tgt Ion:244 Resp: 1779243

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

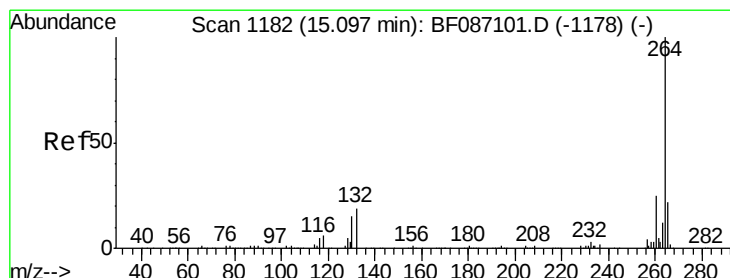
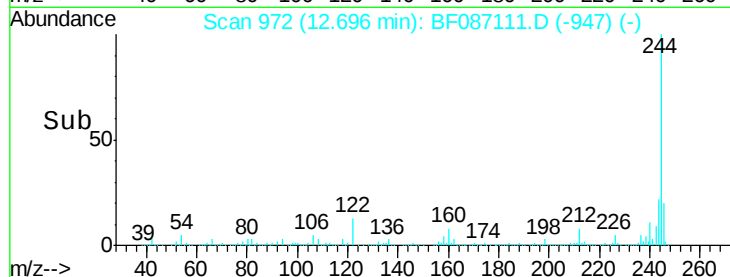
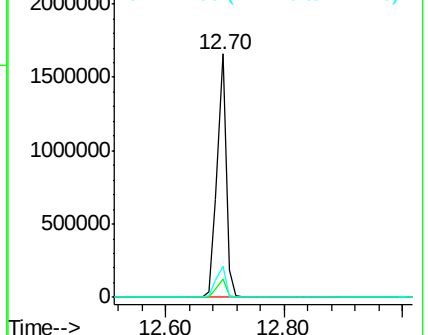
122 12.8 12.0 18.0



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: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

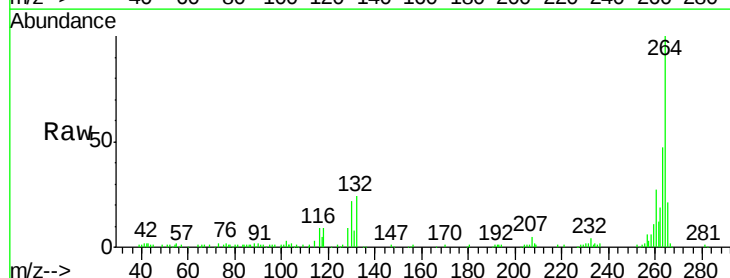
Tgt Ion:264 Resp: 125318

Ion Ratio Lower Upper

264 100

260 27.4 19.5 29.3

265 20.9 17.3 25.9



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

