

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
 Data File : BF086893.D
 Acq On : 11 May 2016 10:53
 Operator : UM/SJ
 Sample : H2945-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 11 13:41:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

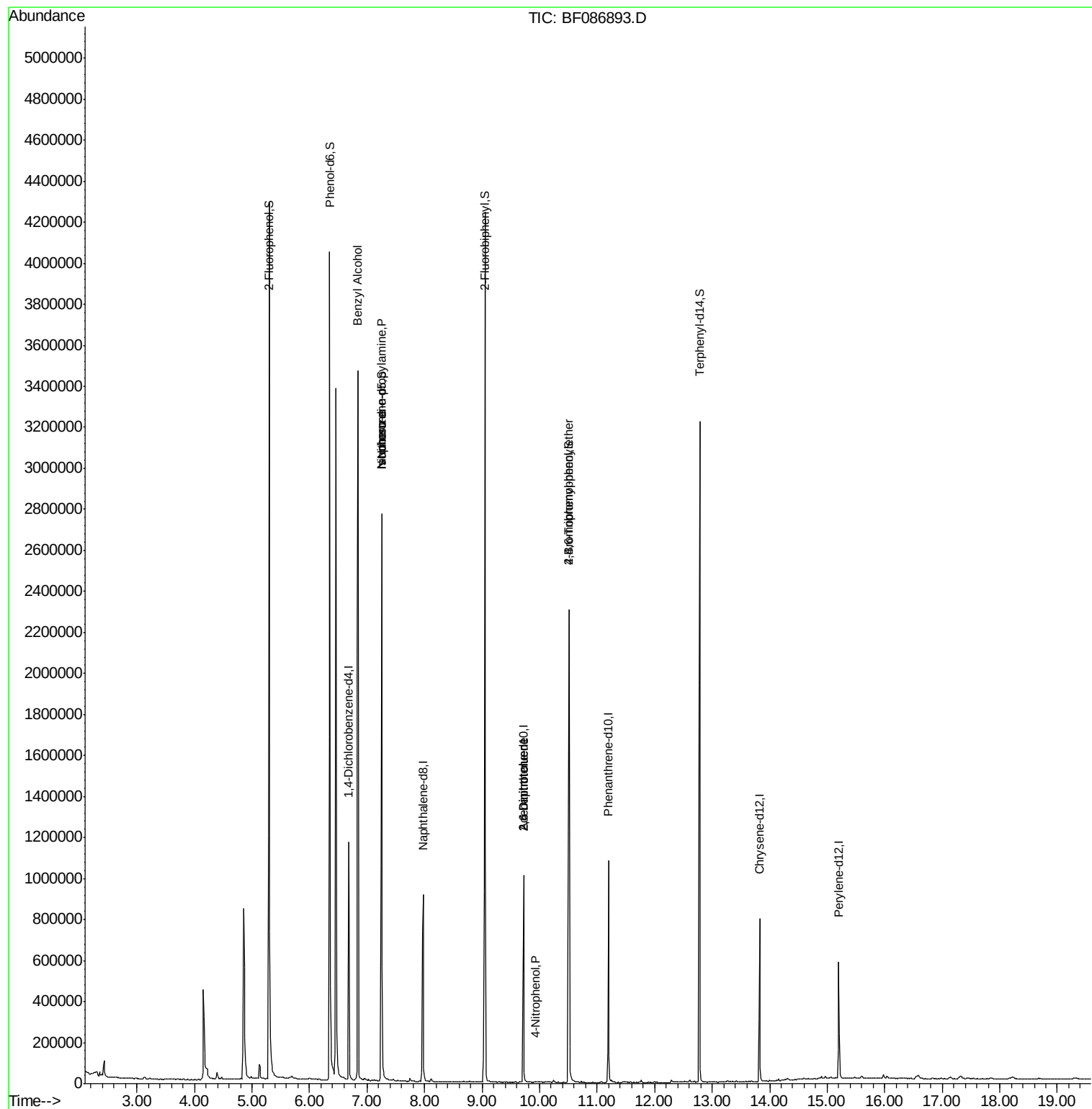
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	150205	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	558496	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	224506	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	361217	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	292678	20.00	ng	-0.01
86) Perylene-d12	15.20	264	240075	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1088324	122.71	ng	0.01
7) Phenol-d6	6.35	99	1367673	115.38	ng	-0.01
23) Nitrobenzene-d5	7.25	82	969668	87.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	292975	123.27	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1414442	105.89	ng	-0.01
78) Terphenyl-d14	12.79	244	1154828	83.72	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.84	79	19531	2.39	ng	# 39
19) n-Nitroso-di-n-propylamine	7.25	70	135610	16.37	ng	# 69
25) Isophorone	7.25	82	737325	35.73	ng	# 68
50) 2,6-Dinitrotoluene	9.72	165	28608	7.94	ng	# 21
55) 4-Nitrophenol	9.93	139	333	4.68	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	28608	6.41	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	18532	5.06	ng	# 1

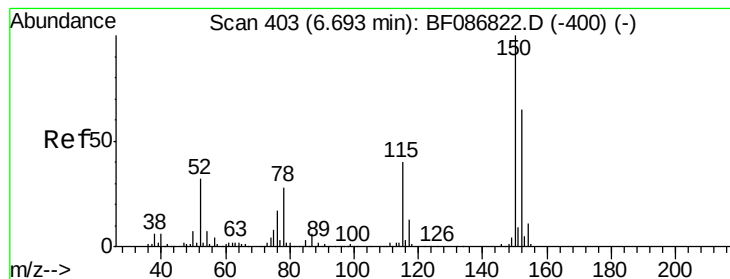
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
Data File : BF086893.D
Acq On : 11 May 2016 10:53
Operator : UM/SJ
Sample : H2945-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 11 13:41:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

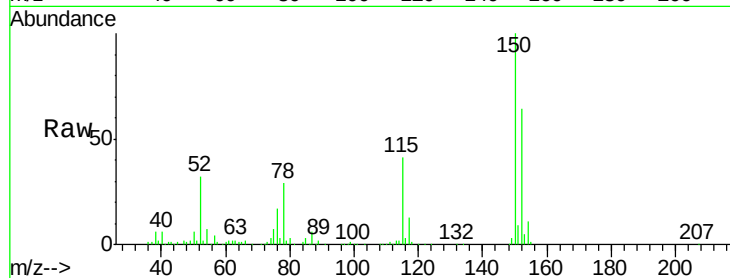
Tot Ion:152 Resp: 150205

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

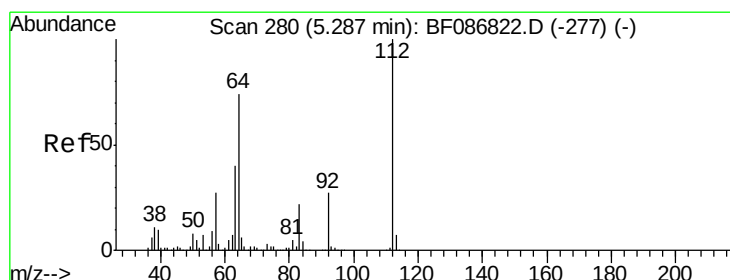
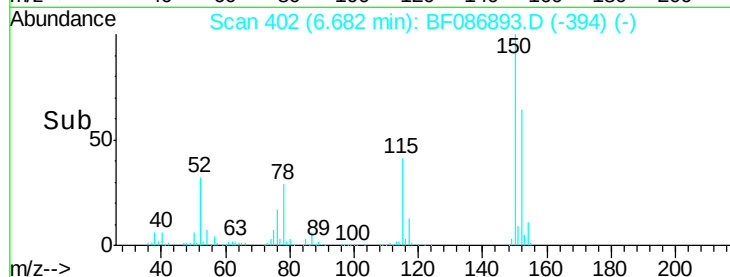
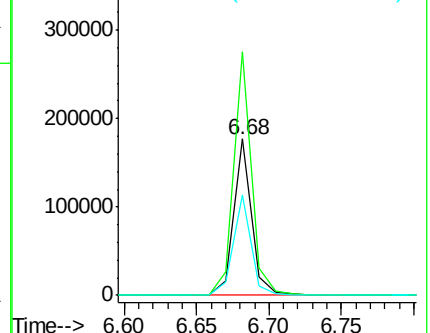
115 63.8 51.5 77.3



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: 122.71 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

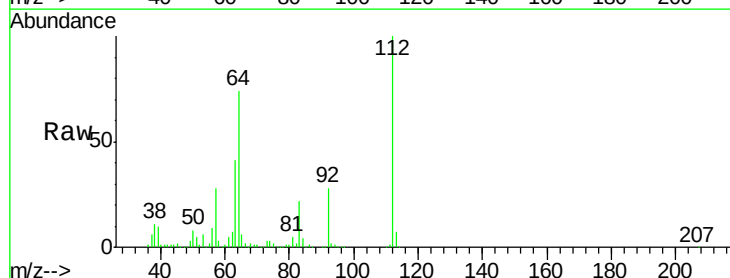
Tgt Ion:112 Resp: 1088324

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

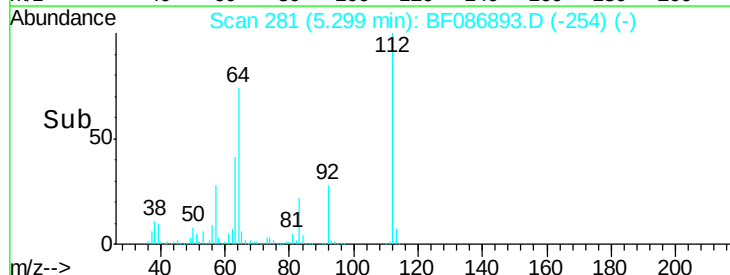
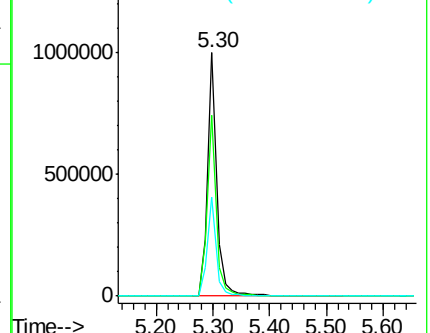
63 40.8 25.7 38.5#

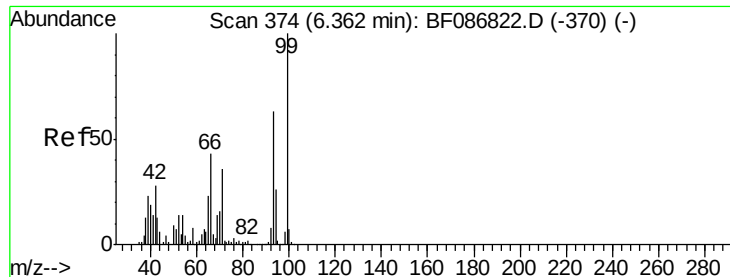


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.38 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

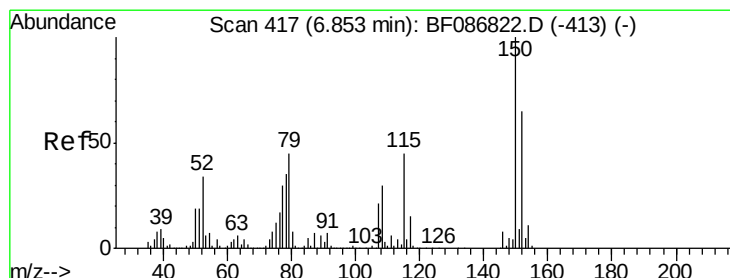
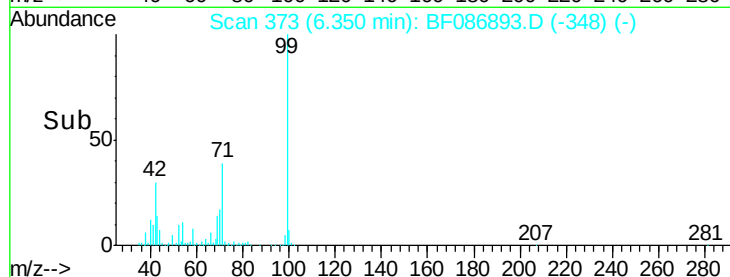
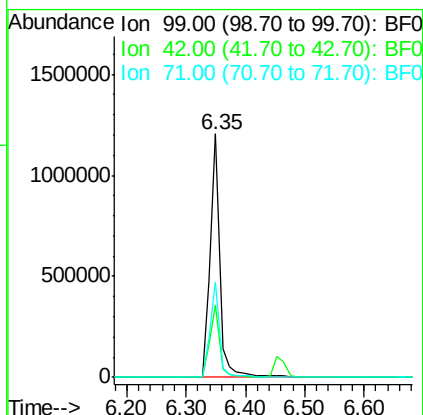
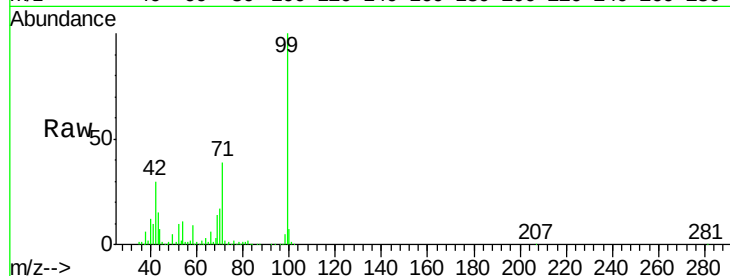
Tot Ion: 99 Resp: 1367673

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

71 39.0 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

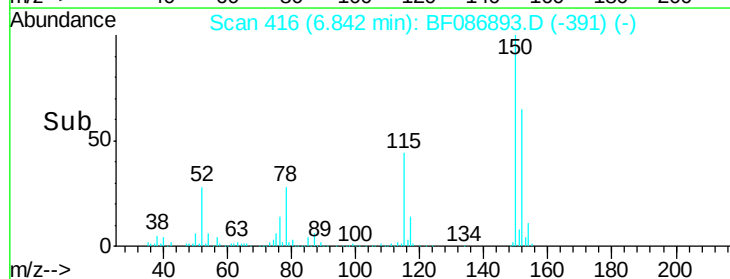
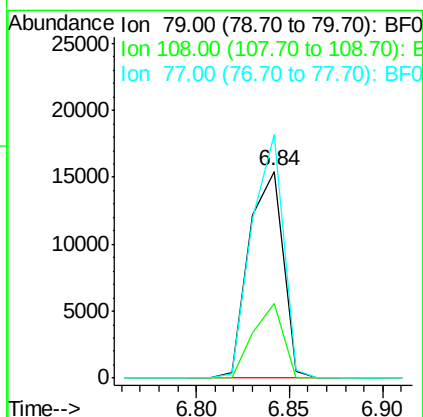
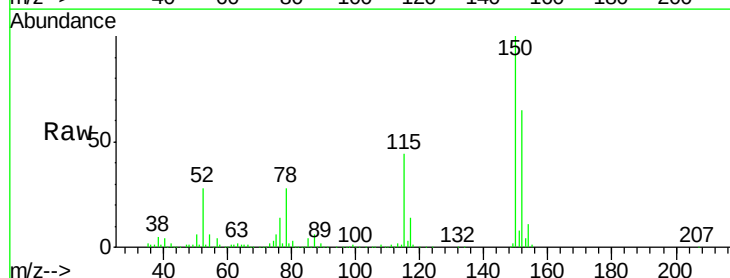
Tgt Ion: 79 Resp: 19531

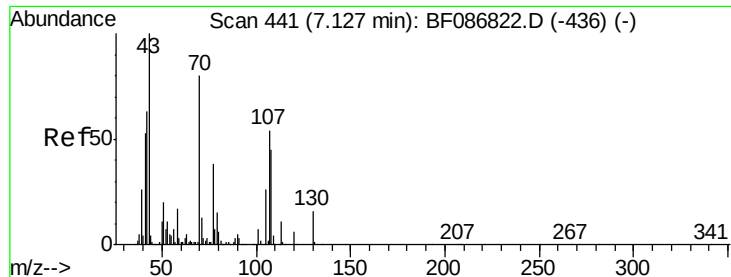
Ion Ratio Lower Upper

79 100

108 35.8 68.4 102.6#

77 117.8 50.6 76.0#

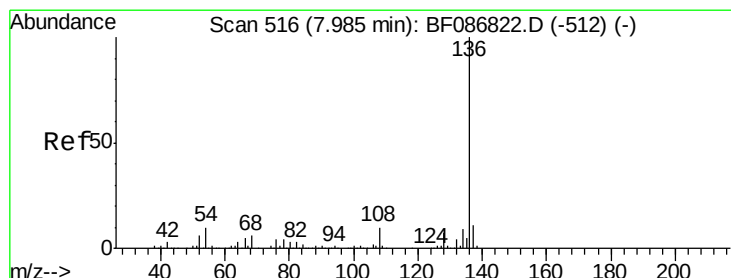
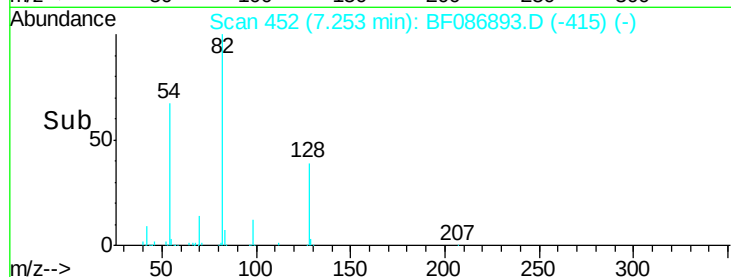
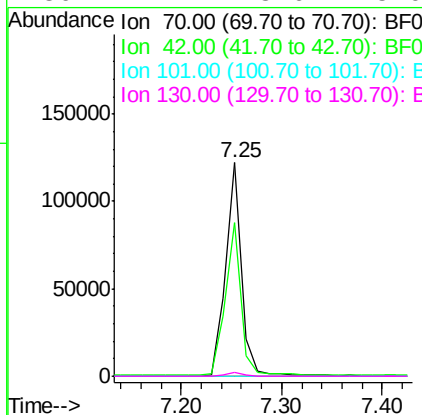
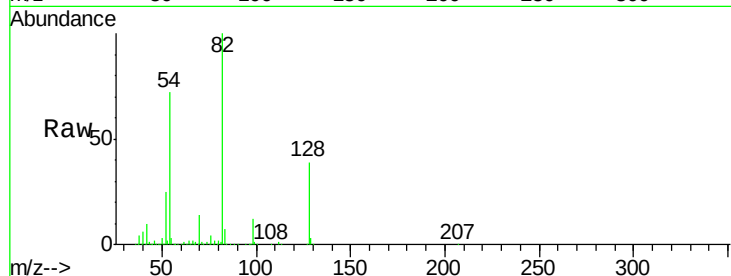




#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.13 min
Lab File: BF086893.D
Acq: 11 May 2016 10:53

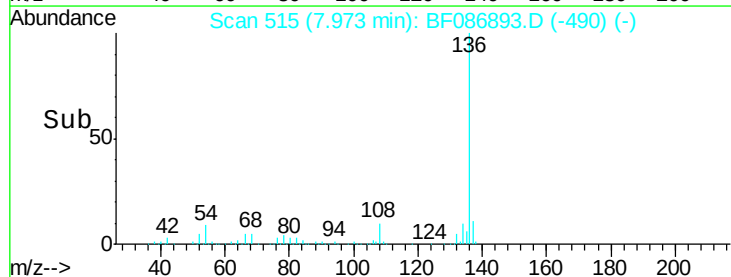
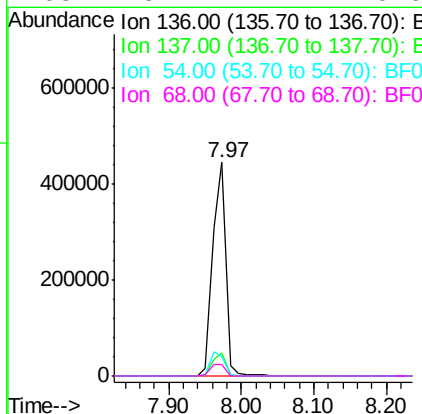
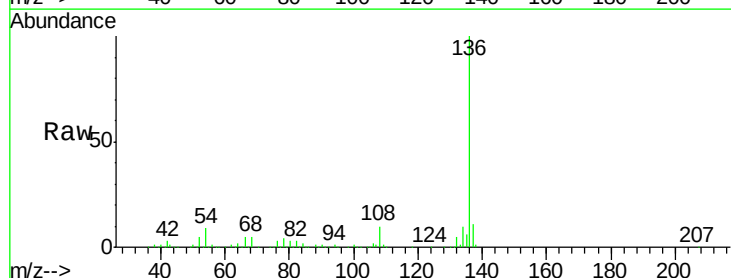
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616

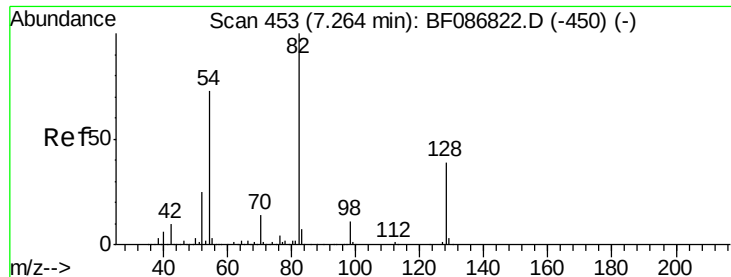
Tot Ion: 70 Resp: 135610
Ion Ratio Lower Upper
70 100
42 72.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086893.D
Acq: 11 May 2016 10:53

Tgt Ion:136 Resp: 558496
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.1 5.0 7.4#
68 5.4 4.4 6.6

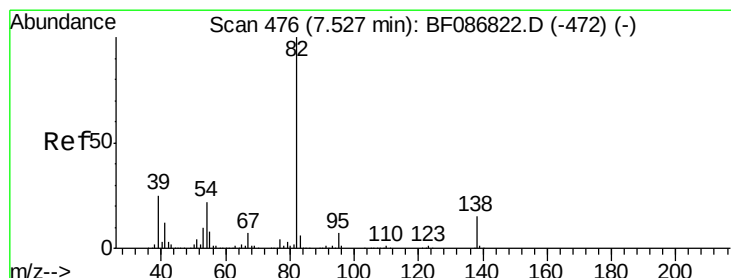
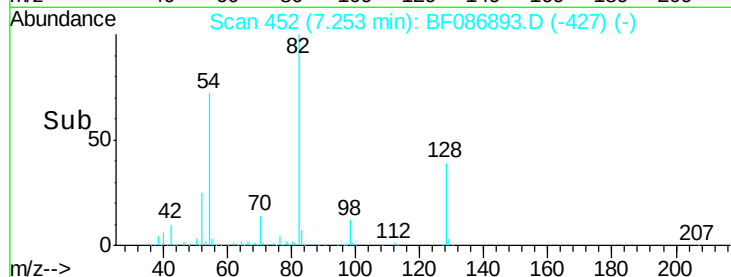
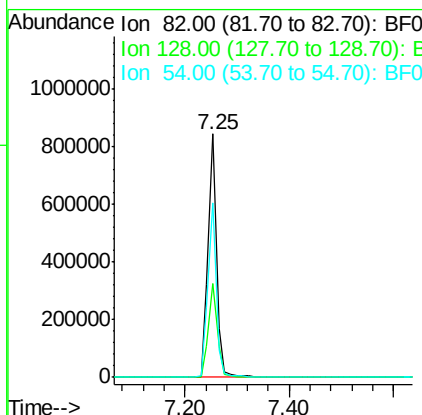
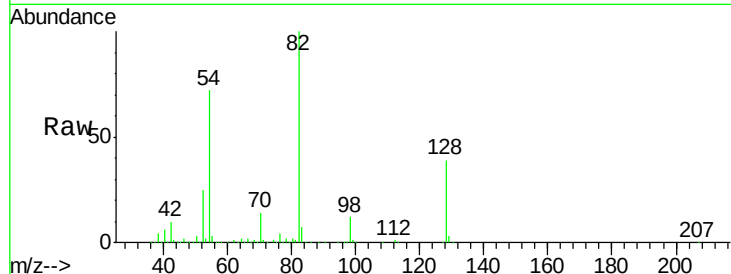




#23
 Nitrobenzene-d5
 Concen: 87.18 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086893.D
 Acq: 11 May 2016 10:53

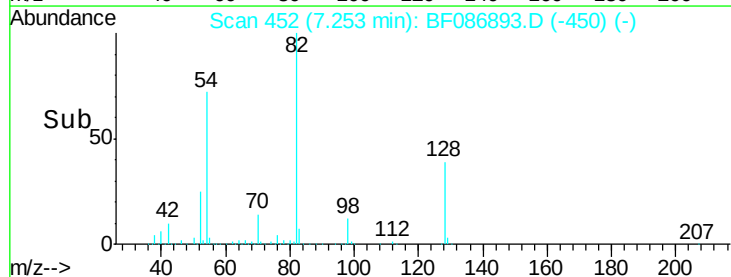
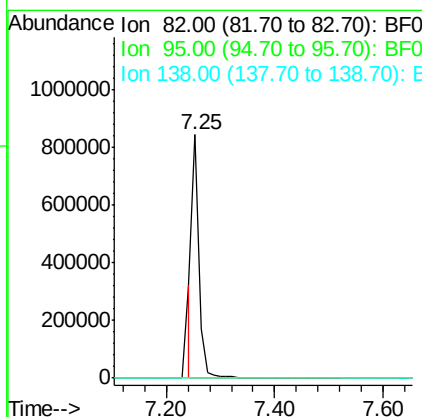
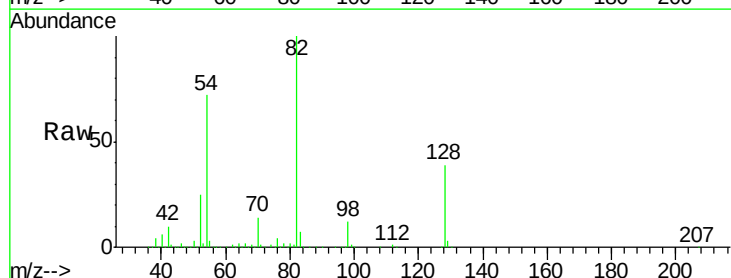
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

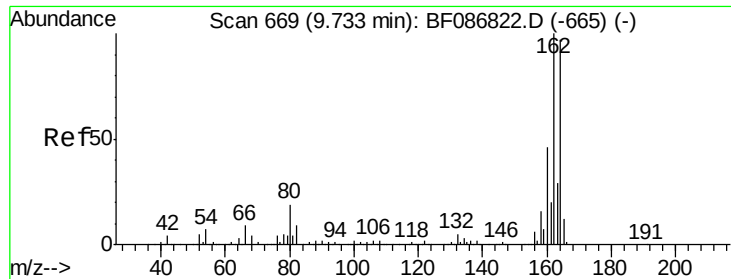
Tot Ion	82	Resp	969668
Ion Ratio	Lower	Upper	
82	100		
128	38.6	40.6	61.0#
54	71.9	38.1	57.1#



#25
 Isophorone
 Concen: 35.73 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.27 min
 Lab File: BF086893.D
 Acq: 11 May 2016 10:53

Tgt Ion	82	Resp	737325
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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

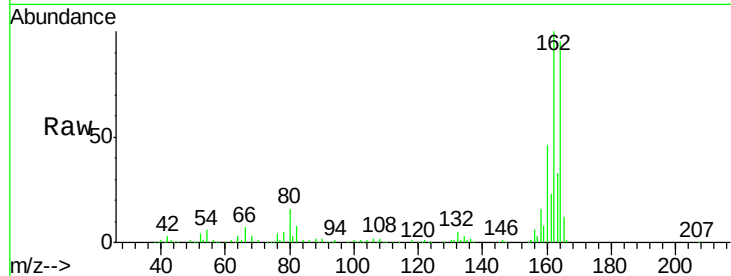
Tot Ion:164 Resp: 224506

Ion Ratio Lower Upper

164 100

162 104.8 82.8 124.2

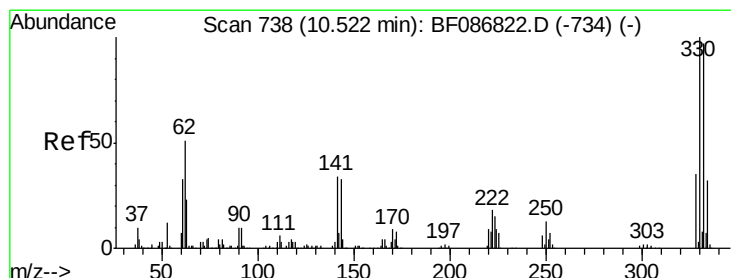
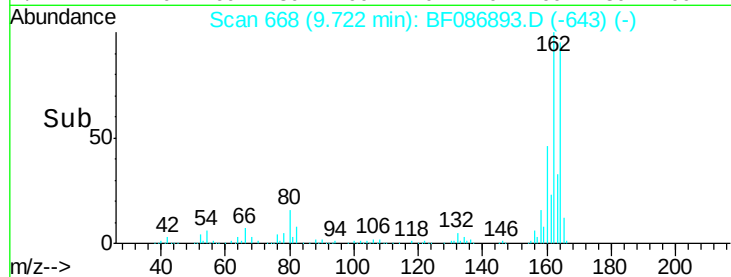
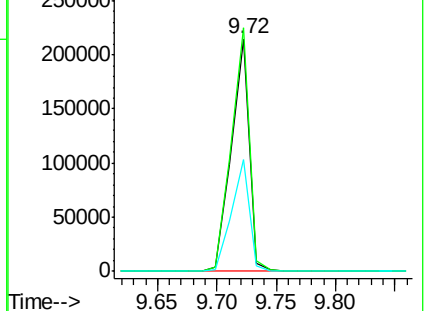
160 48.1 36.9 55.3



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: 123.27 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

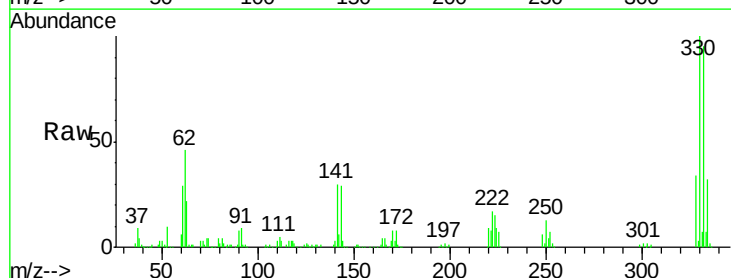
Tgt Ion:330 Resp: 292975

Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

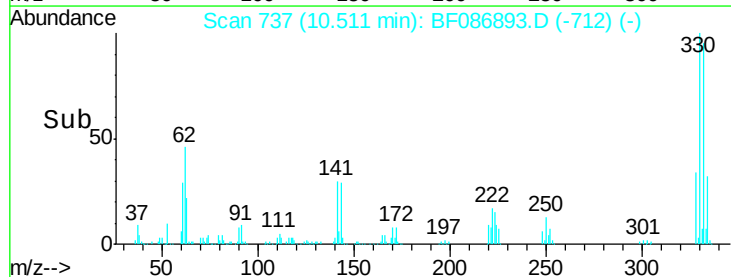
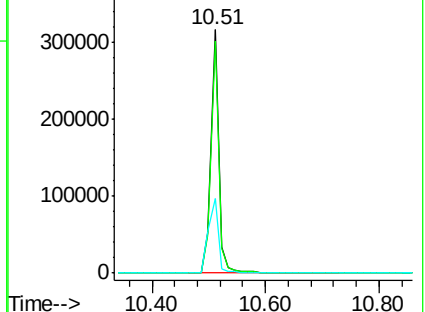
141 38.4 31.2 46.8

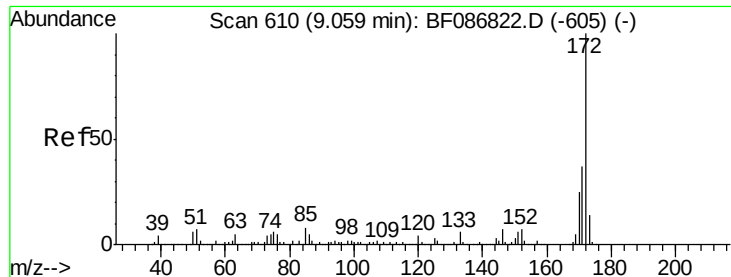


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 105.89 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

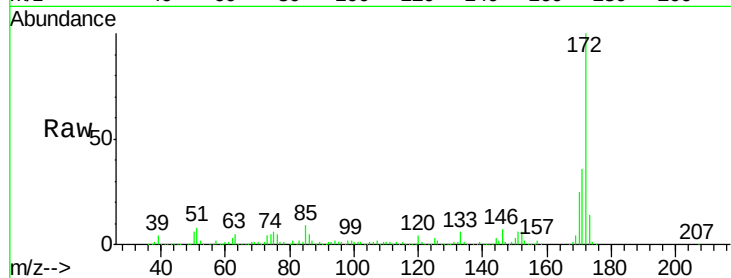
Tot Ion:172 Resp: 1414442

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

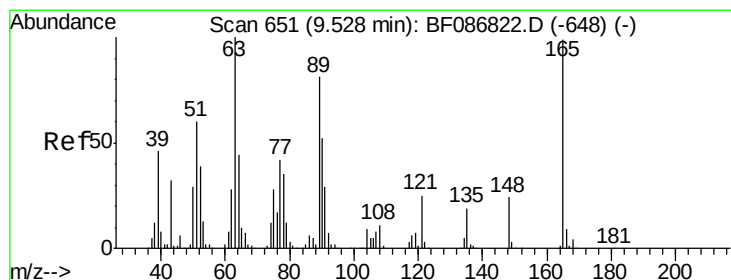
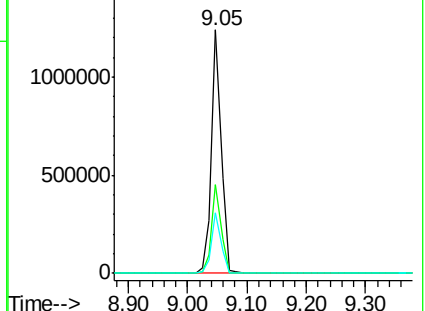
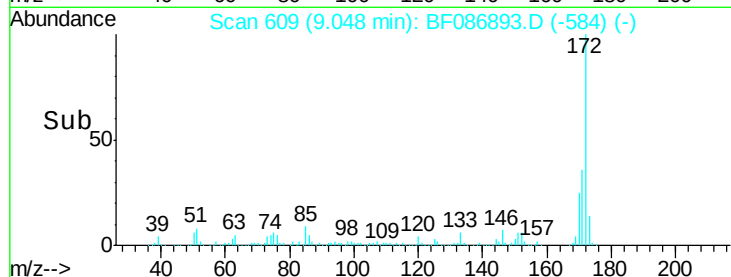
170 24.7 19.8 29.8



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: 7.94 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.19 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

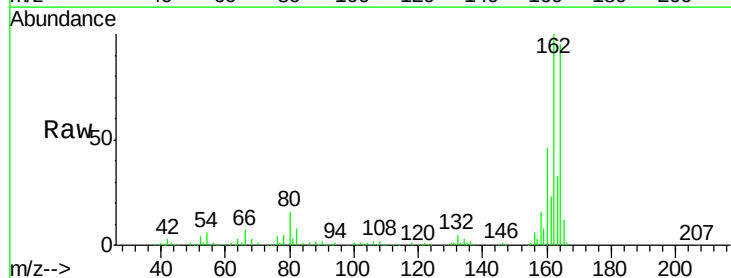
Tgt Ion:165 Resp: 28608

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.8#

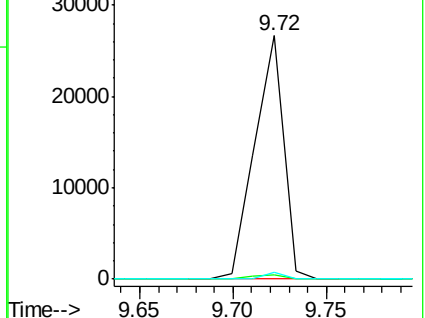
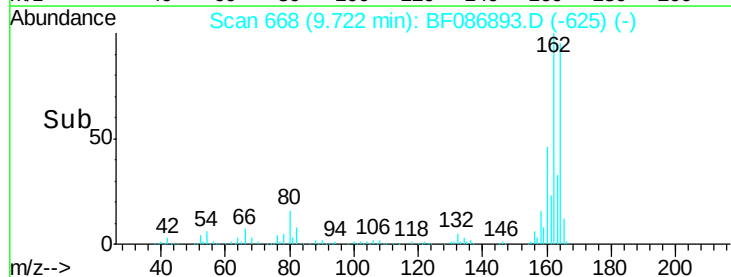
89 2.8 50.7 76.1#

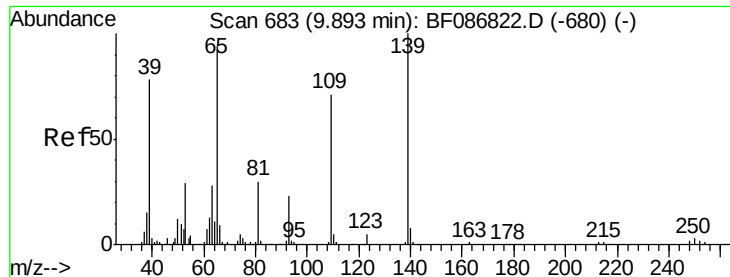


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#55

4-Nitrophenol

Concen: 4.68 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.03 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

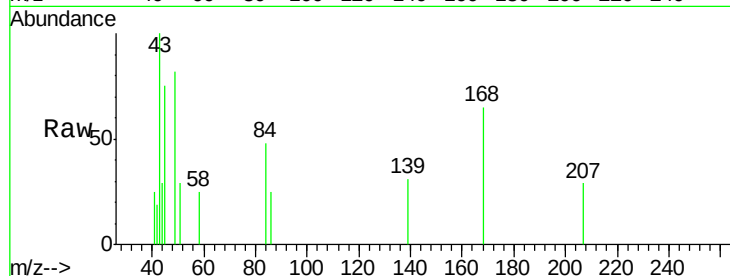
Tot Ion:139 Resp: 333

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

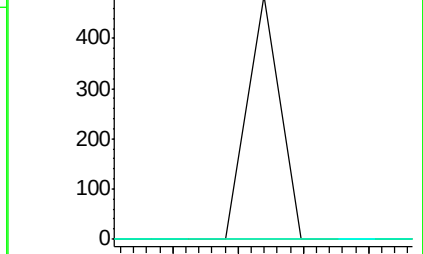
65 0.0 64.0 104.0#



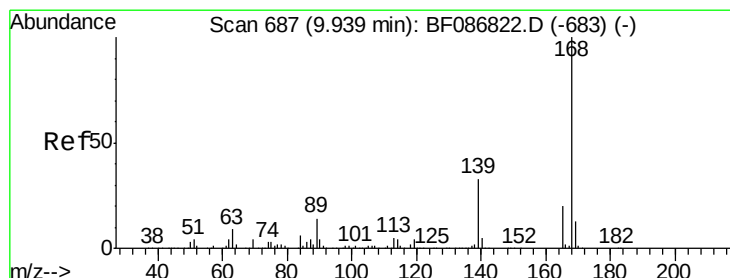
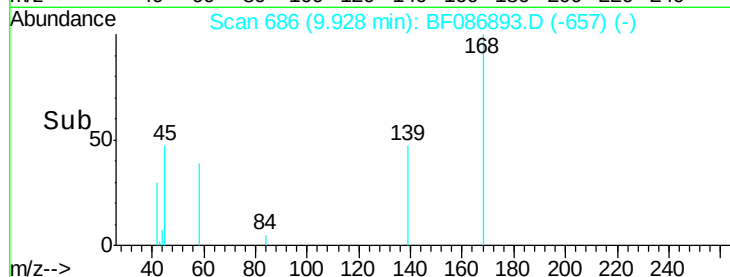
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.41 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Tgt Ion:165 Resp: 28608

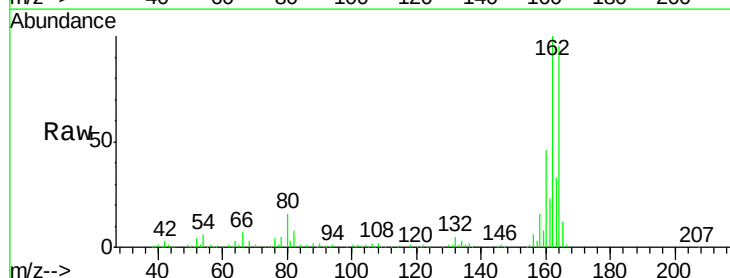
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 2.8 70.0 105.0#

182 0.0 1.8 2.6#

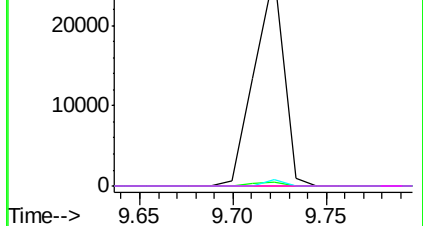


Abundance Ion 165.00 (164.70 to 165.70): E

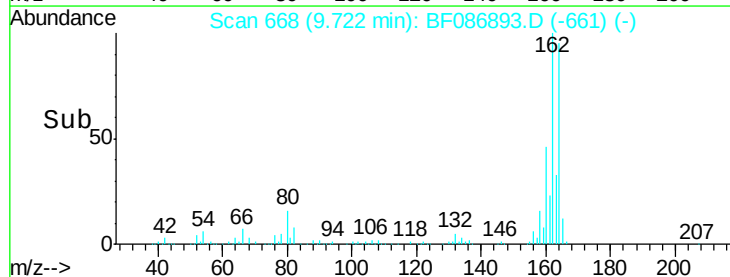
Ion 63.00 (62.70 to 63.70): BF0

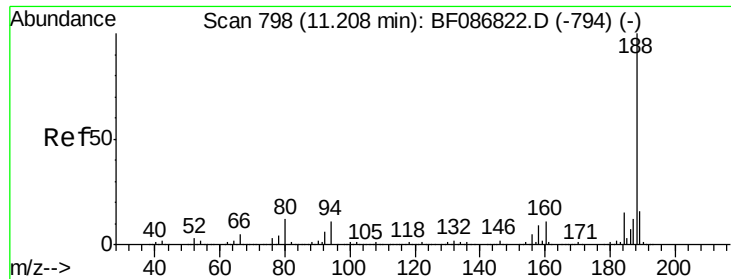
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

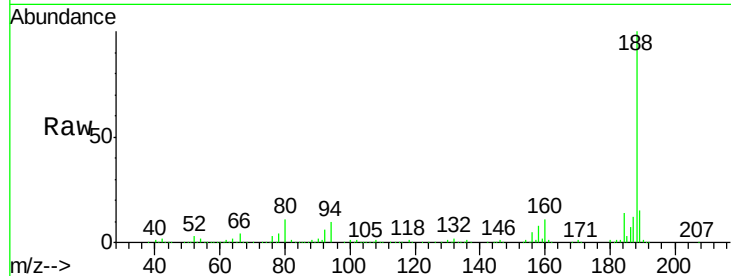
Tot Ion:188 Resp: 361217

Ion Ratio Lower Upper

188 100

94 10.1 6.8 10.2

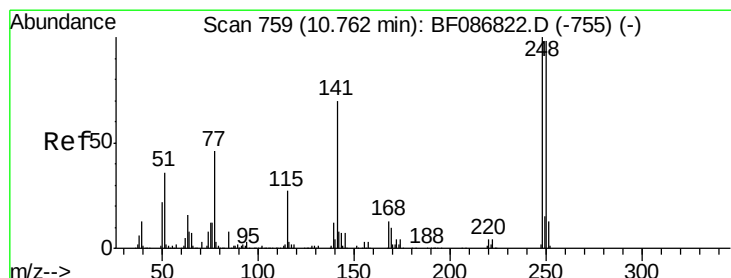
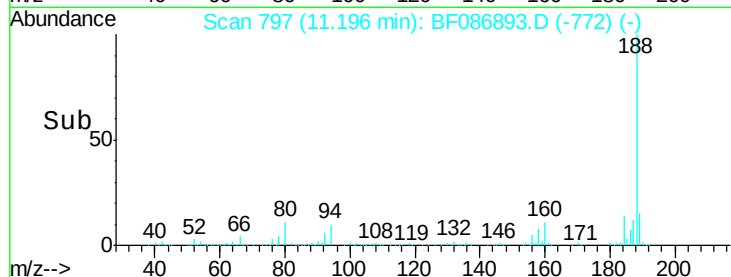
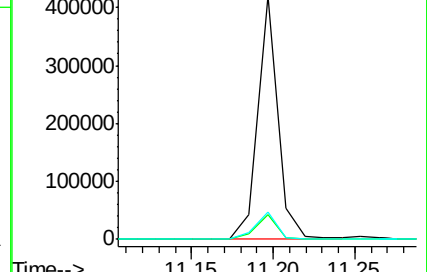
80 11.1 7.1 10.7#



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: 5.06 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

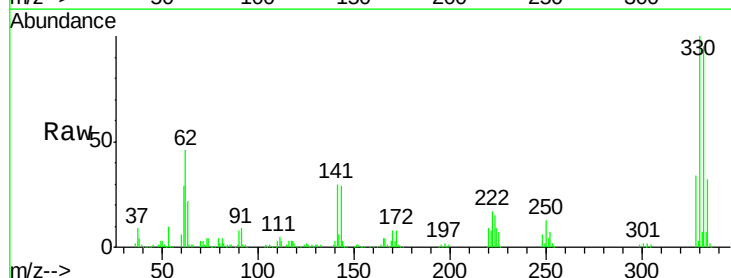
Tgt Ion:248 Resp: 18532

Ion Ratio Lower Upper

248 100

250 202.1 78.6 117.8#

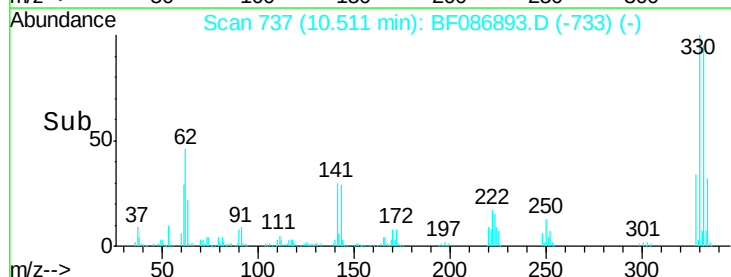
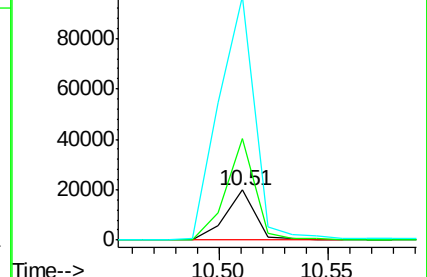
141 486.6 76.0 114.0#

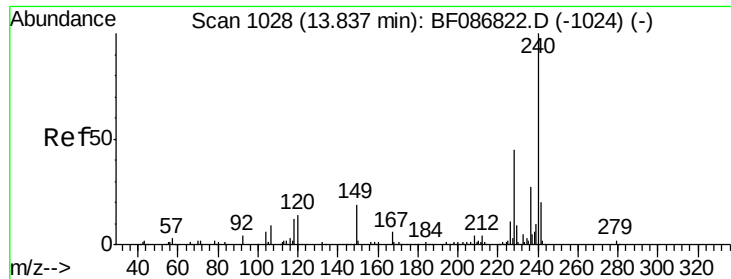


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

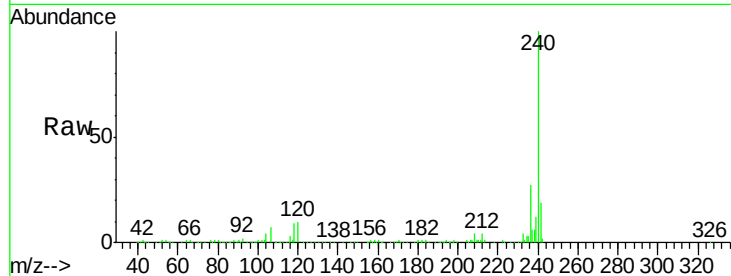
Tot Ion:240 Resp: 292678

Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

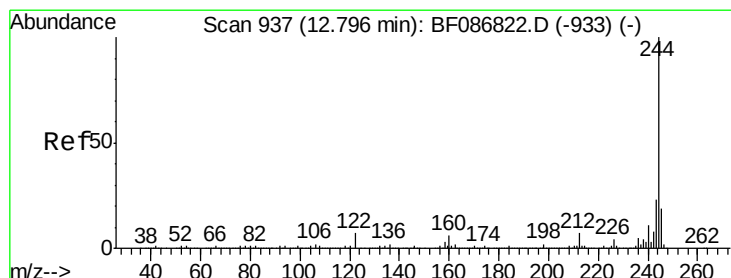
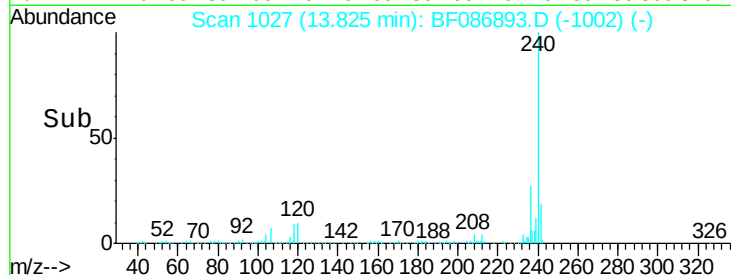
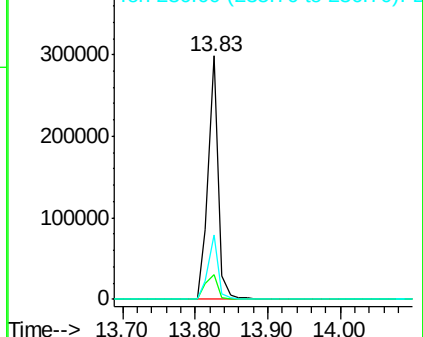
236 26.6 21.2 31.8



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: 83.72 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086893.D

Acq: 11 May 2016 10:53

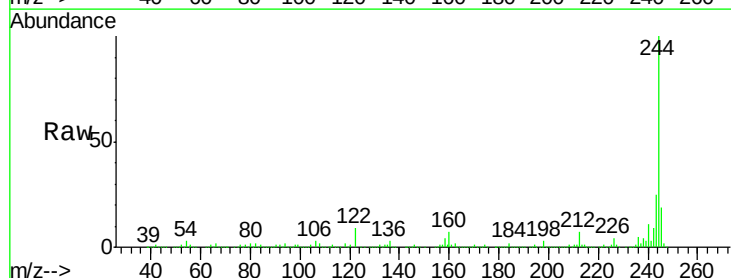
Tgt Ion:244 Resp: 1154828

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

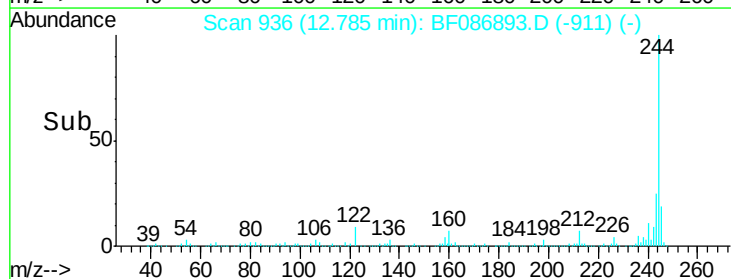
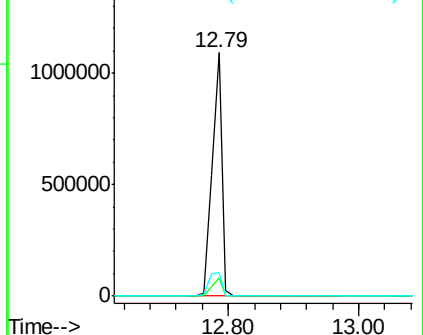
122 9.4 12.0 18.0#

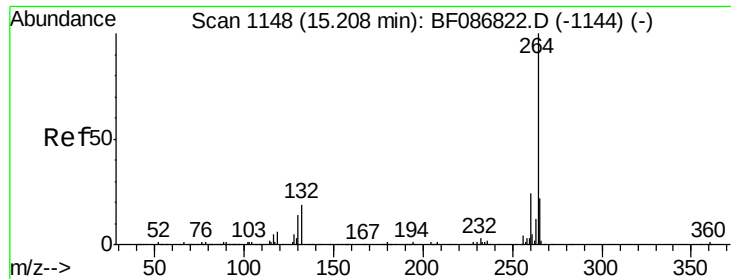


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

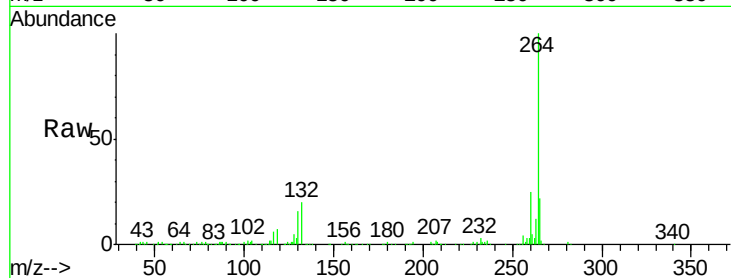




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086893.D
Acq: 11 May 2016 10:53

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.1	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

