

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086932.D
 Acq On : 12 May 2016 16:01
 Operator : UM/SJ
 Sample : H2968-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP38-5.5FT

Quant Time: May 13 00:48:10 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

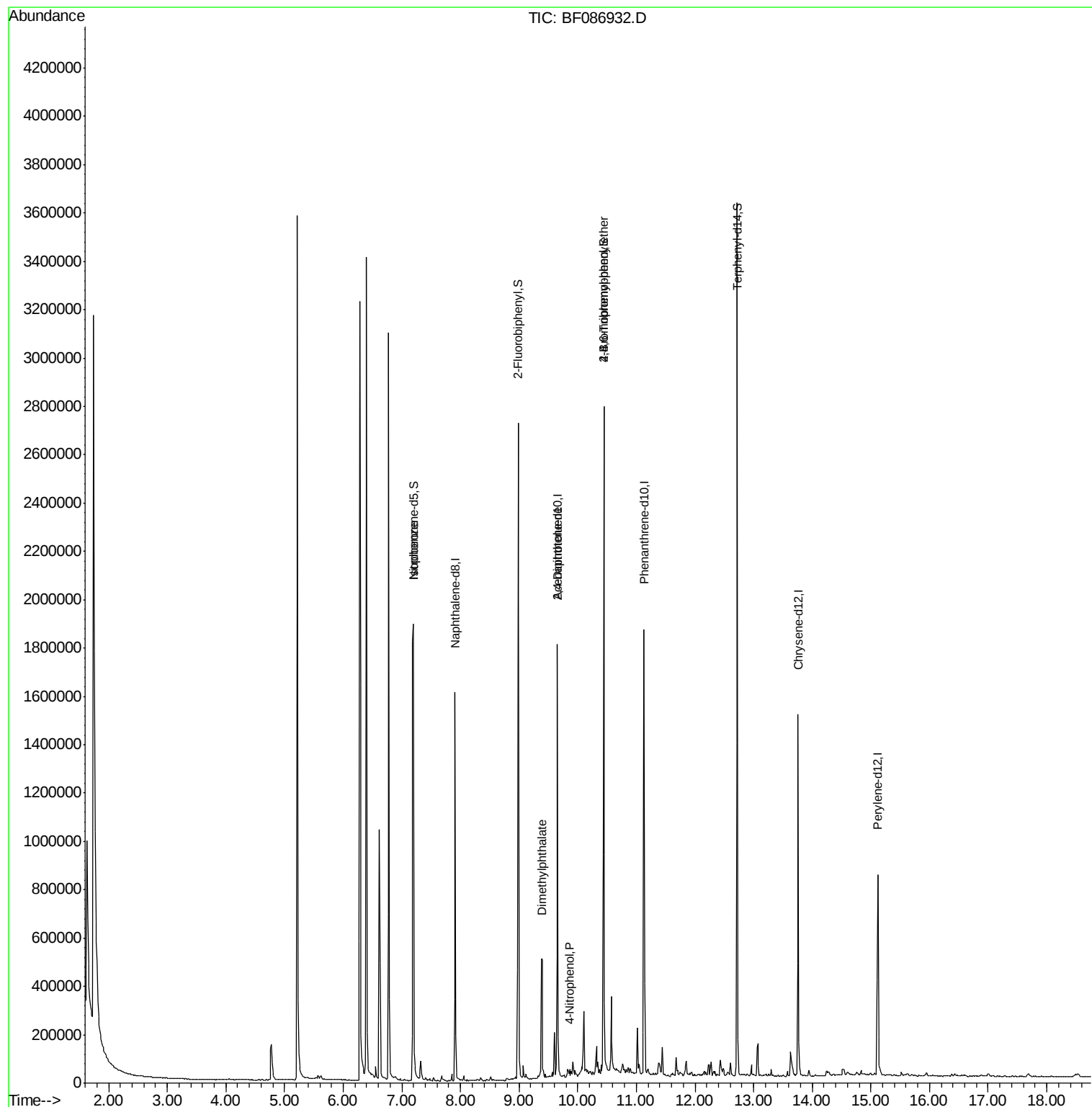
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	690031	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	344615	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	647278	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	521694	20.00	ng	-0.08
86) Perylene-d12	15.12	264	347734	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1051308	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1264105	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	900064	65.50	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	290409	79.60	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1191620	58.11	ng	-0.08
78) Terphenyl-d14	12.72	244	1085950	44.17	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	852853	33.45	ng	# 68
49) Dimethylphthalate	9.39	163	294112	11.19	ng	# 97
55) 4-Nitrophenol	9.86	139	454	4.67	ng	# 31
56) 2,4-Dinitrotoluene	9.66	165	44520	6.50	ng	# 16
60) 4-Chlorophenyl-phenylether	10.20	204	294	Below Cal		# 66
66) 4-Bromophenyl-phenylether	10.44	248	19799	3.02	ng	# 1

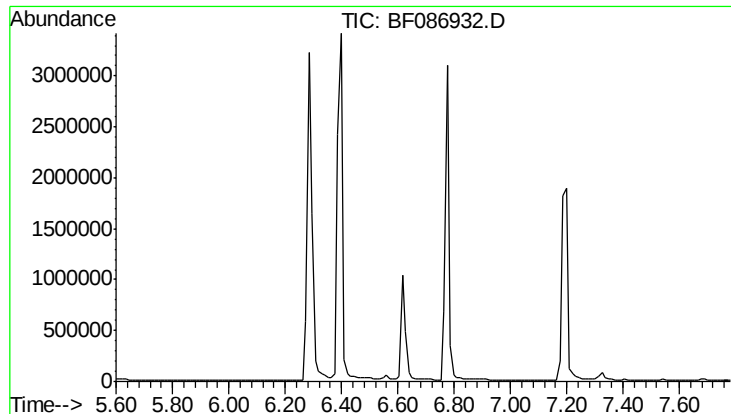
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

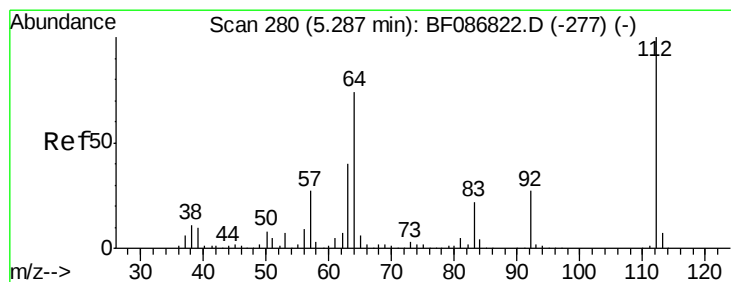
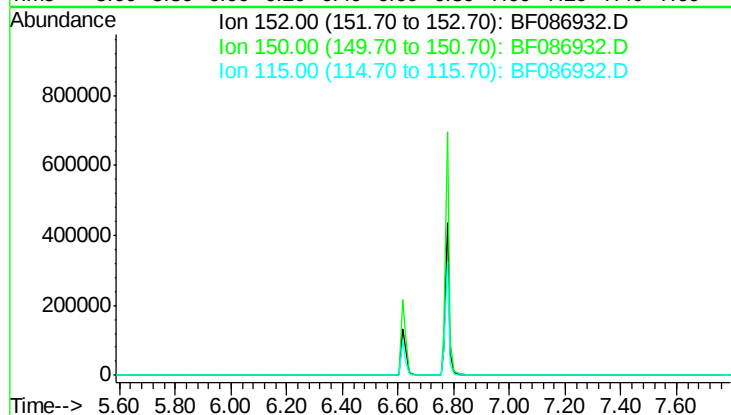
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

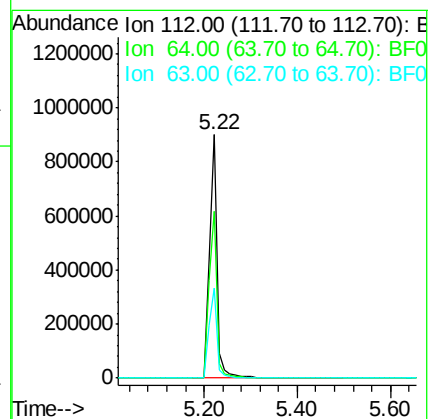
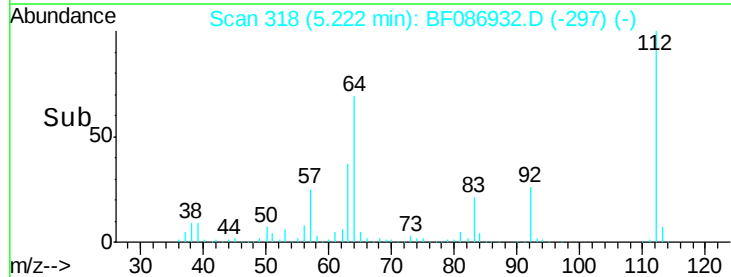
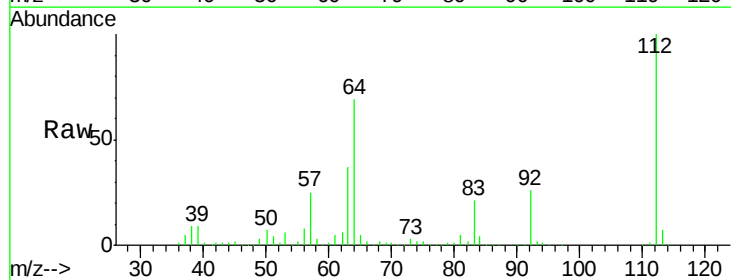
Tgt Ion: 112 Resp: 1051308

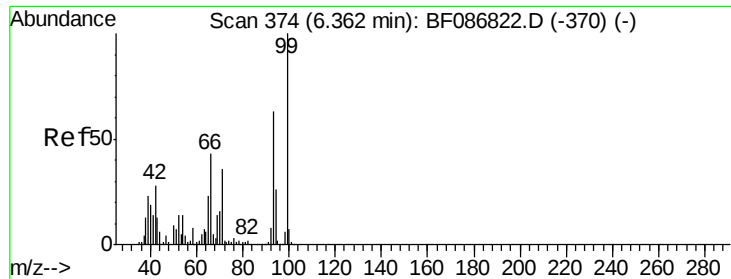
Ion Ratio Lower Upper

112 100

64 68.6 52.1 78.1

63 37.0 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

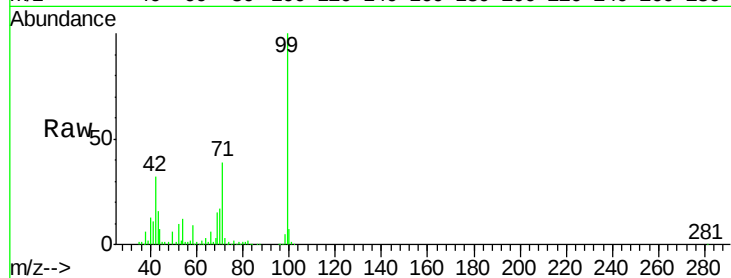
Tgt Ion: 99 Resp: 1264105

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

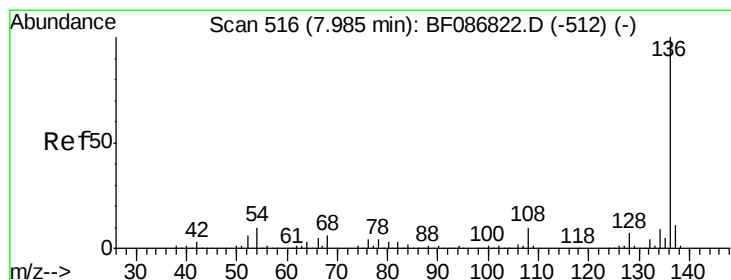
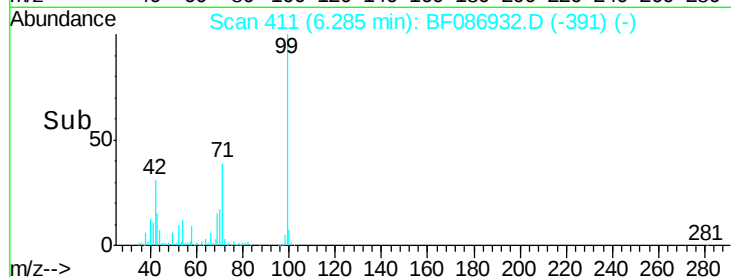
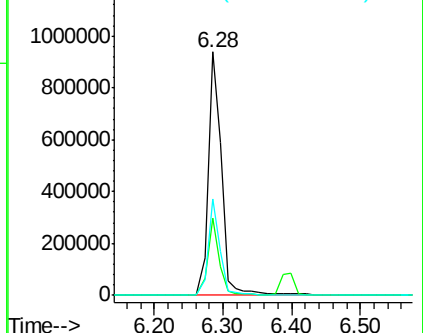
71 39.4 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Tgt Ion: 136 Resp: 690031

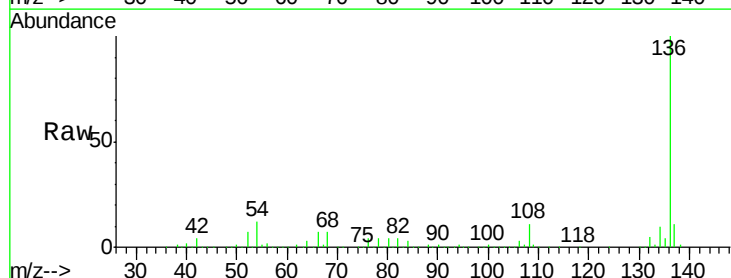
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.9 5.0 7.4#

68 6.8 4.4 6.6#

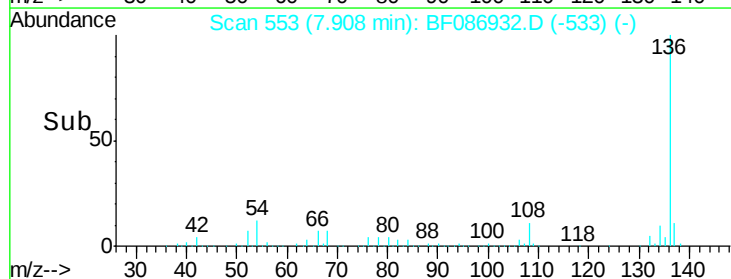
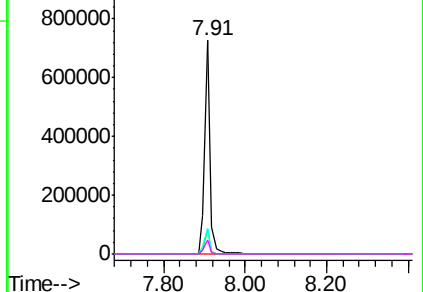


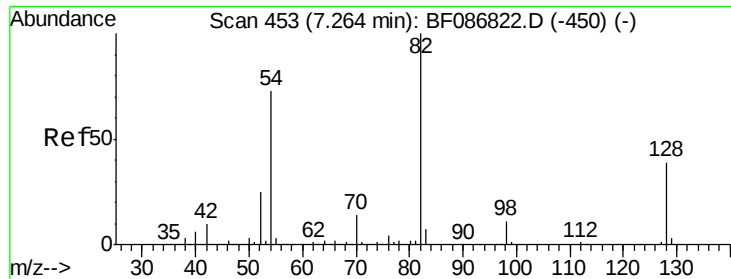
Abundance Ion 136.00 (135.70 to 136.70): E

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

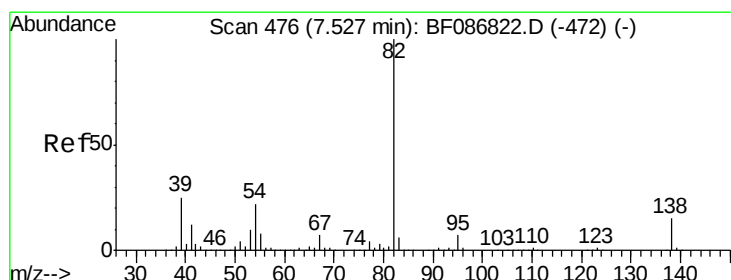
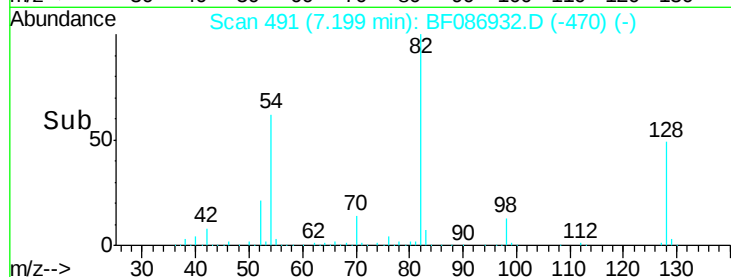
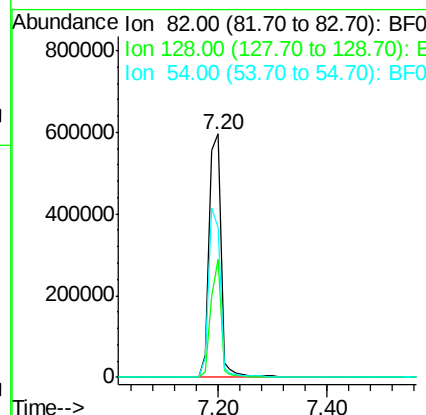
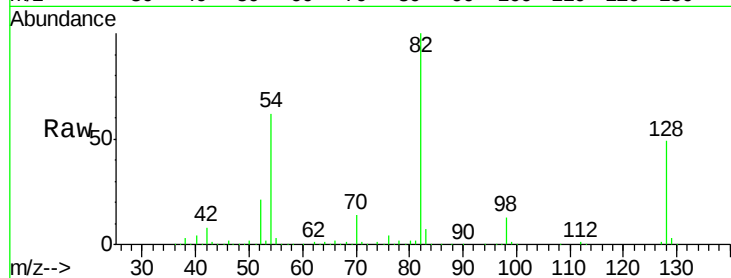




#23
 Nitrobenzene-d5
 Concen: 65.50 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086932.D
 Acq: 12 May 2016 16:01

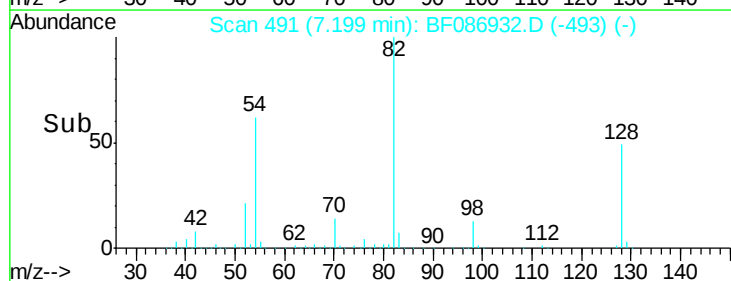
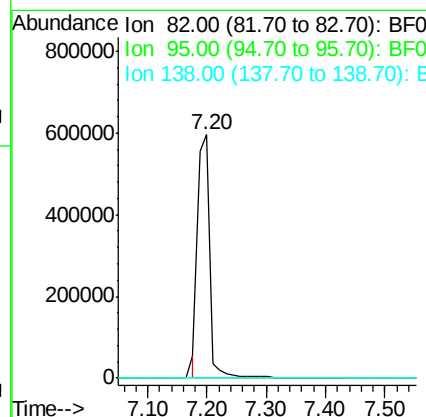
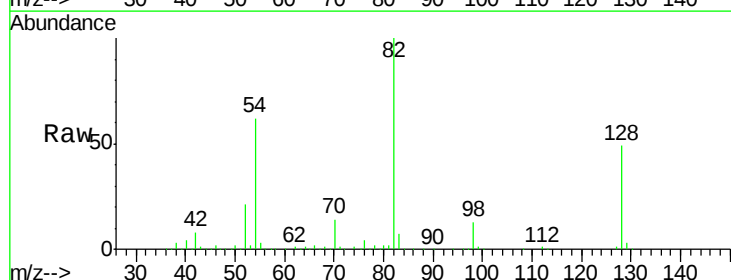
Instrument :
 BNA_F
 ClientSampleId :
 TP38-5.5FT

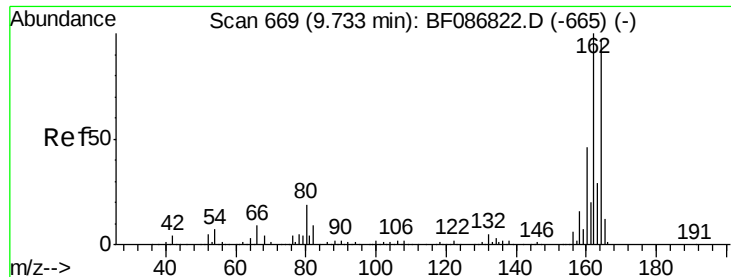
Tgt Ion: 82 Resp: 900064
 Ion Ratio Lower Upper
 82 100
 128 48.6 40.6 61.0
 54 61.7 38.1 57.1#



#25
 Isophorone
 Concen: 33.45 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086932.D
 Acq: 12 May 2016 16:01

Tgt Ion: 82 Resp: 852853
 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: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

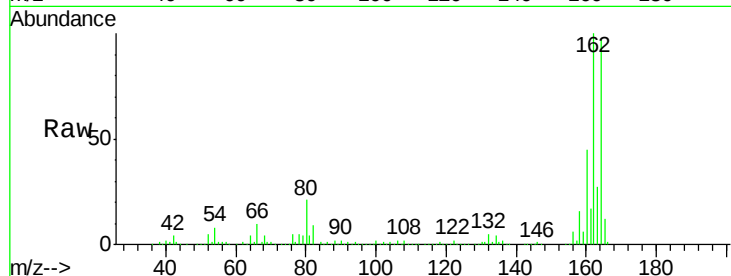
Tgt Ion:164 Resp: 344615

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

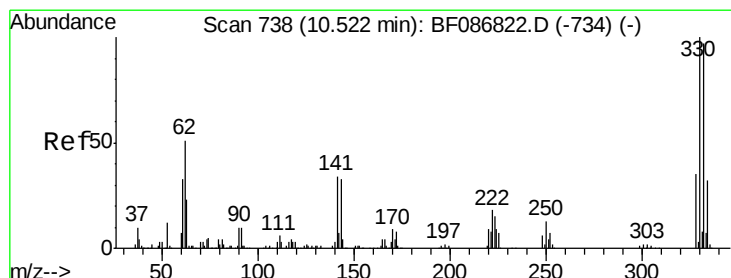
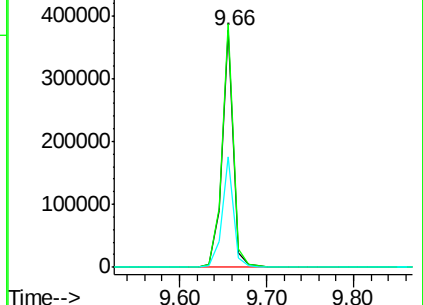
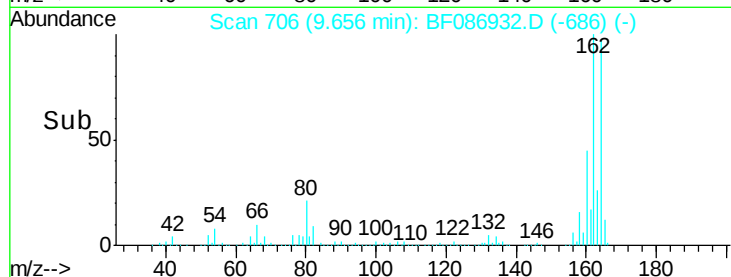
160 46.8 36.9 55.3



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: 79.60 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

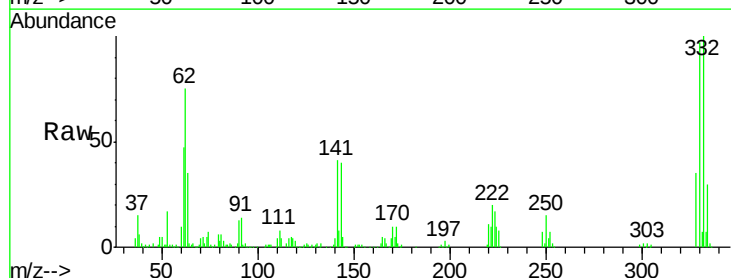
Tgt Ion:330 Resp: 290409

Ion Ratio Lower Upper

330 100

332 101.7 79.0 118.4

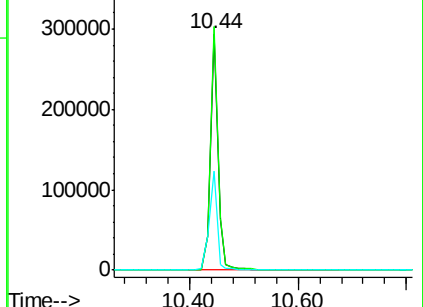
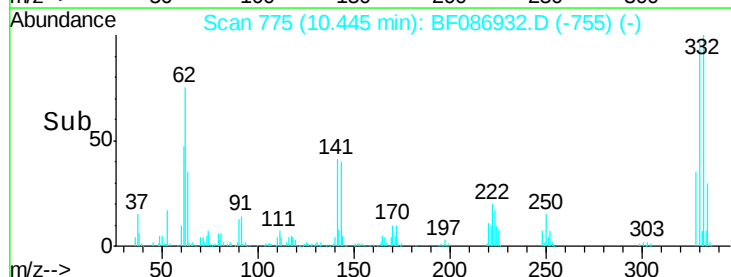
141 43.0 31.2 46.8

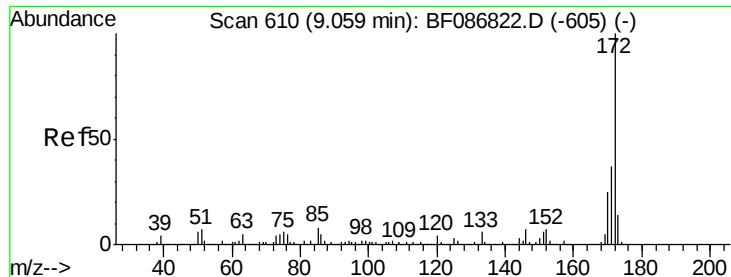


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 58.11 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

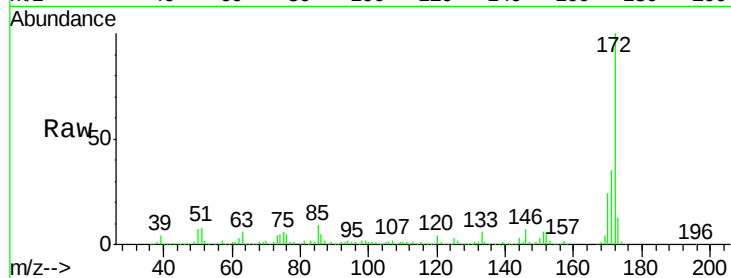
Tgt Ion:172 Resp: 1191620

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

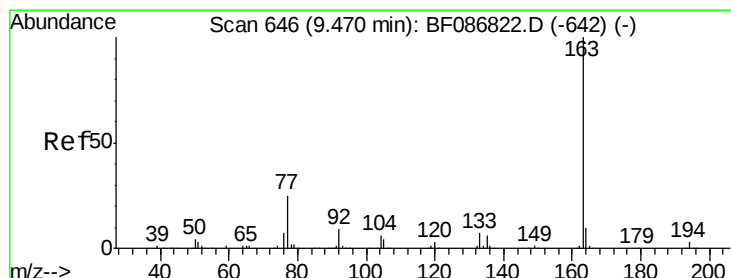
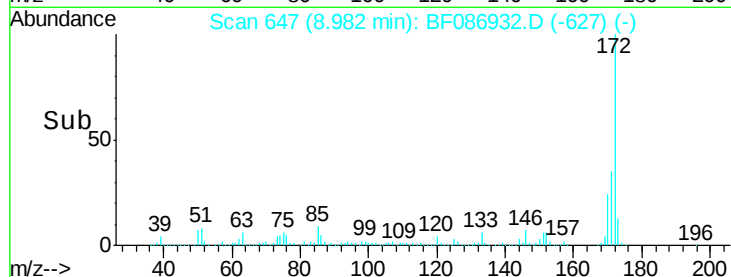
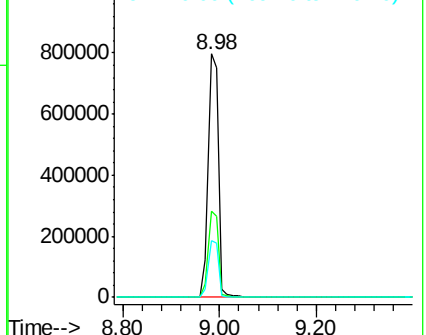
170 23.6 19.8 29.8



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



#49

Dimethylphthalate

Concen: 11.19 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

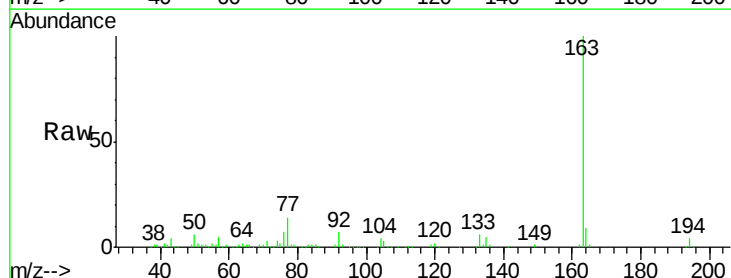
Tgt Ion:163 Resp: 294112

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

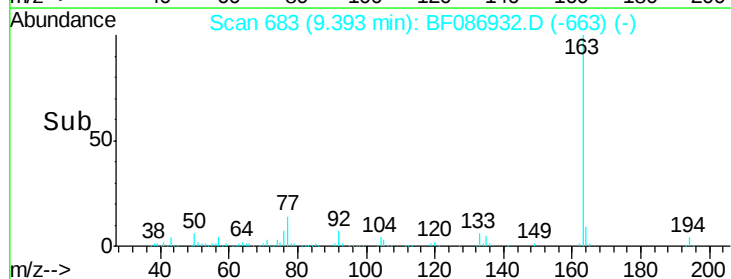
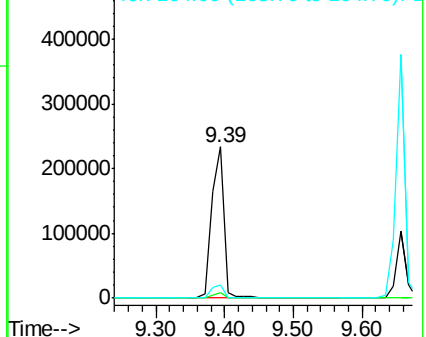
164 9.2 8.2 12.4

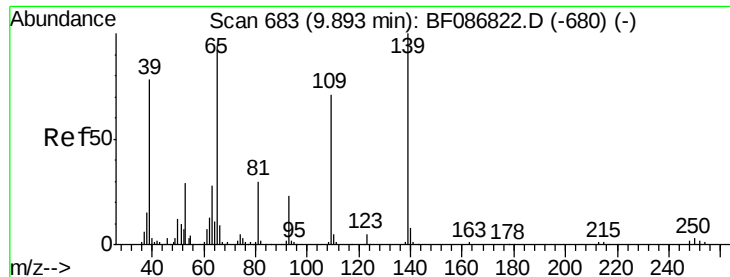


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

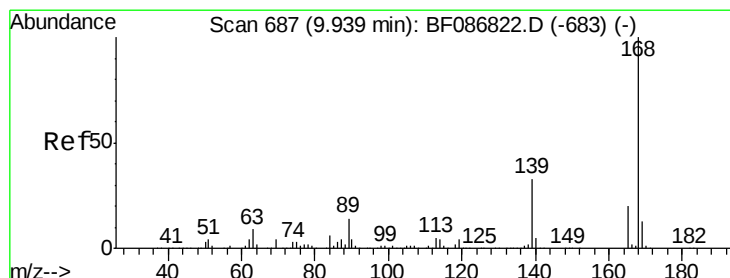
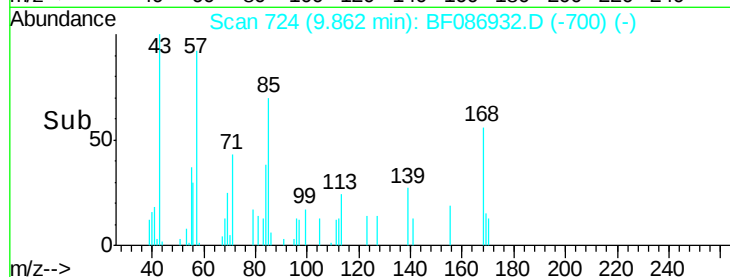
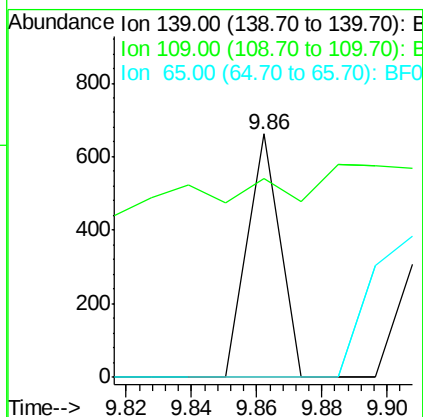
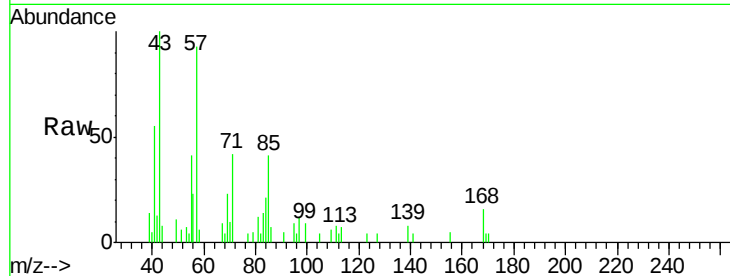




#55
4-Nitrophenol
Concen: 4.67 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF086932.D
Acq: 12 May 2016 16:01

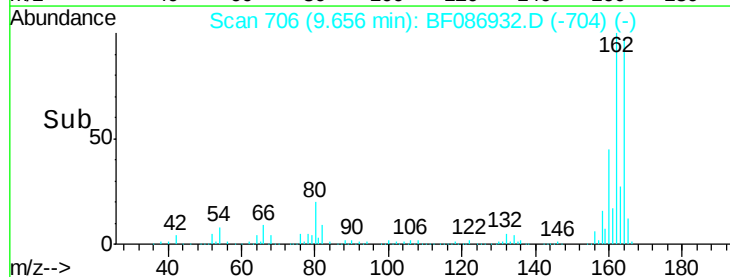
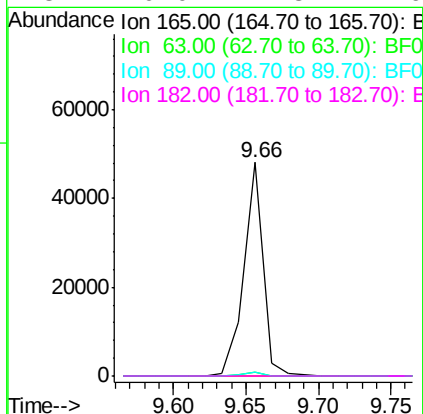
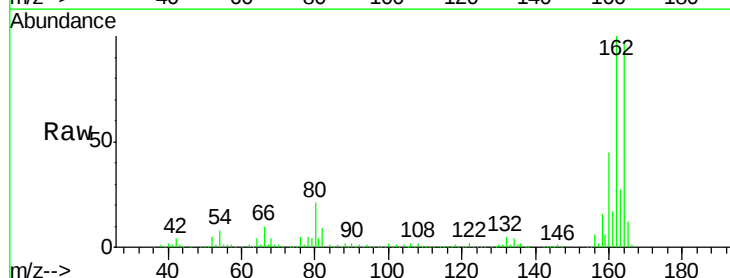
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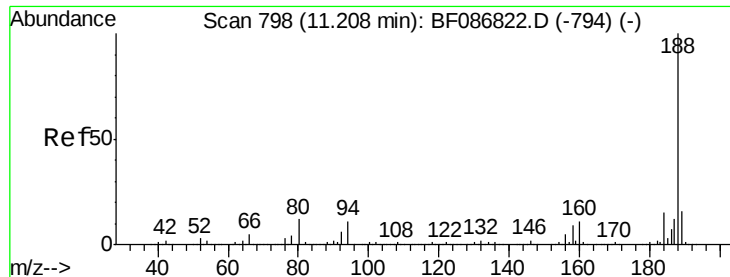
Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.6	36.9	76.9#
65	0.0	64.0	104.0#



#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.28 min
Lab File: BF086932.D
Acq: 12 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

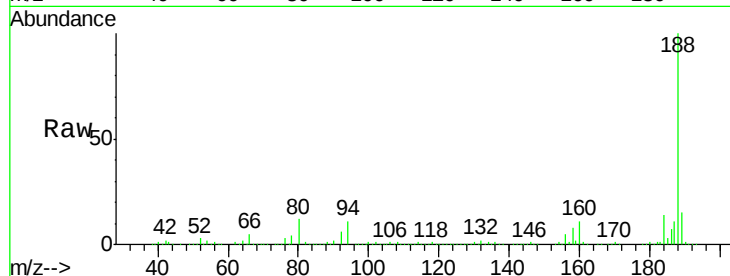




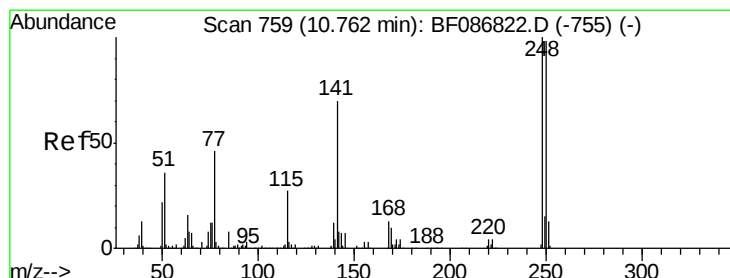
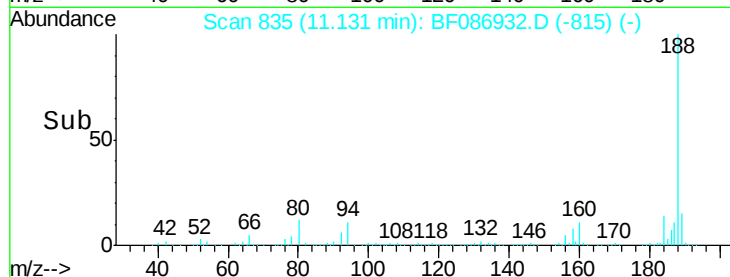
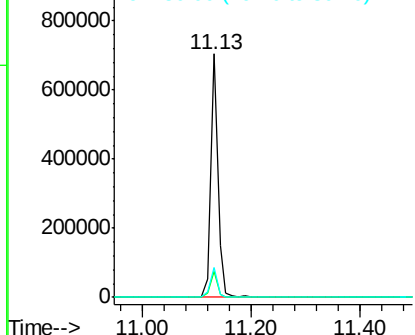
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086932.D
Acq: 12 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
TP38-5.5FT

Tgt Ion:188 Resp: 647278
Ion Ratio Lower Upper
188 100
94 10.9 6.8 10.2#
80 12.3 7.1 10.7#

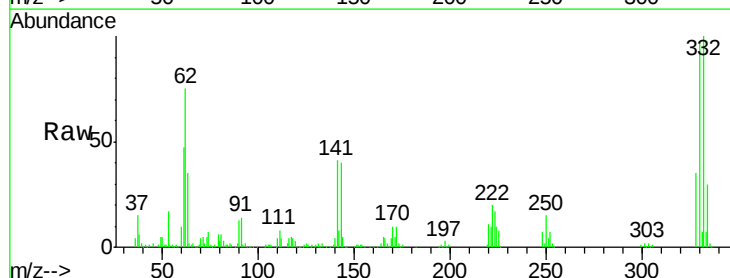


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

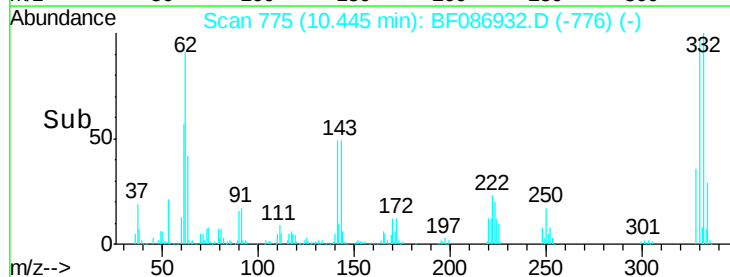
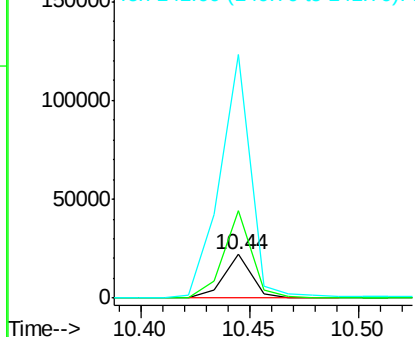


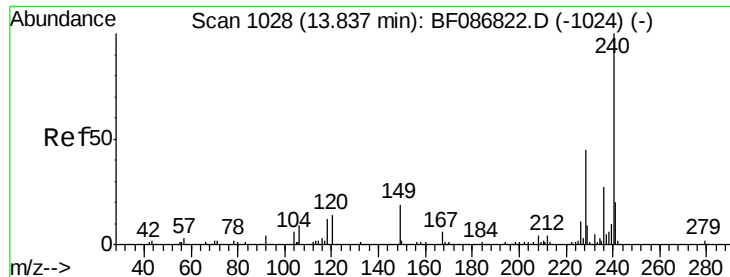
#66
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086932.D
Acq: 12 May 2016 16:01

Tgt Ion:248 Resp: 19799
Ion Ratio Lower Upper
248 100
250 202.7 78.6 117.8#
141 560.9 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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

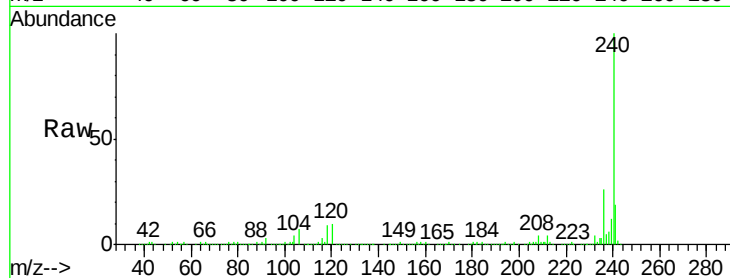
Tgt Ion:240 Resp: 521694

Ion Ratio Lower Upper

240 100

120 10.0 11.2 16.8#

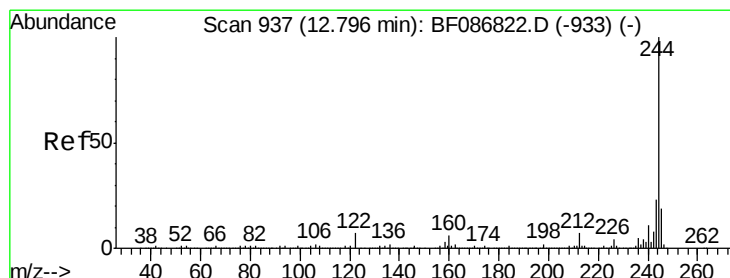
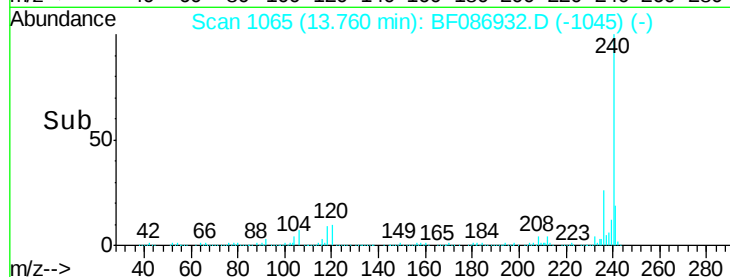
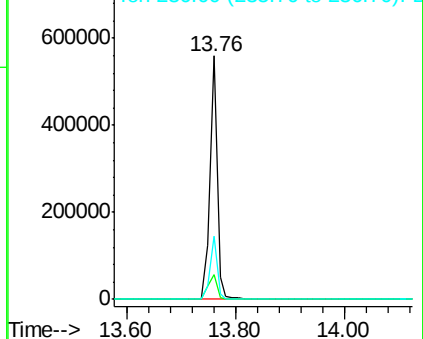
236 26.1 21.2 31.8



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: 44.17 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

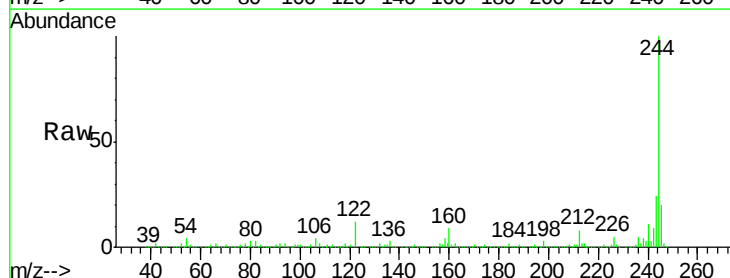
Tgt Ion:244 Resp: 1085950

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

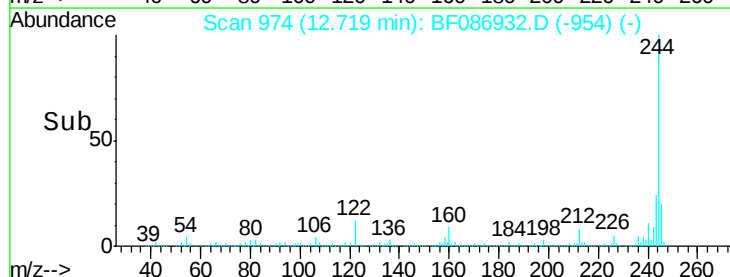
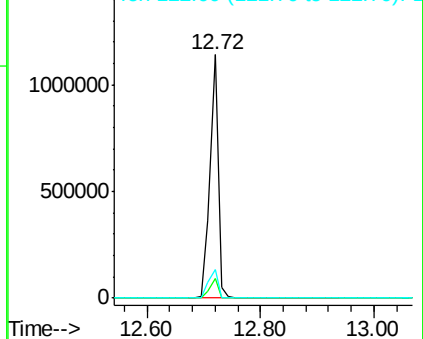
122 11.7 12.0 18.0#

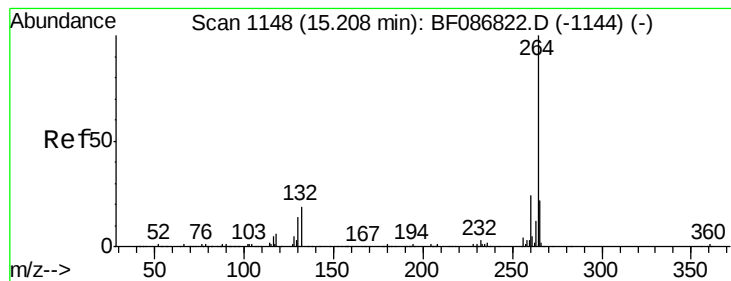


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184

Delta R.T. -0.09 min

Lab File: BF086932.D

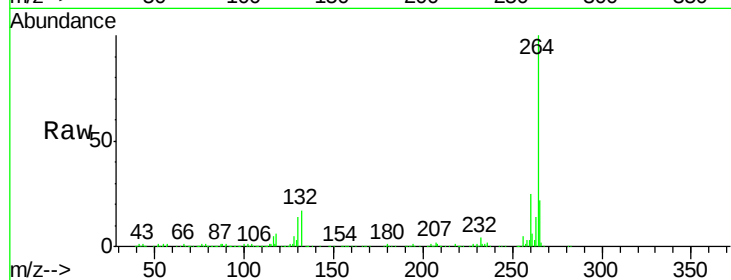
Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT



Tgt Ion: 264 Resp: 347734

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 21.8 17.3 25.9

