

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082796.D
 Acq On : 7 Nov 2015 8:09
 Operator : UM/IZ
 Sample : G4259-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-110315

Quant Time: Nov 08 23:57:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

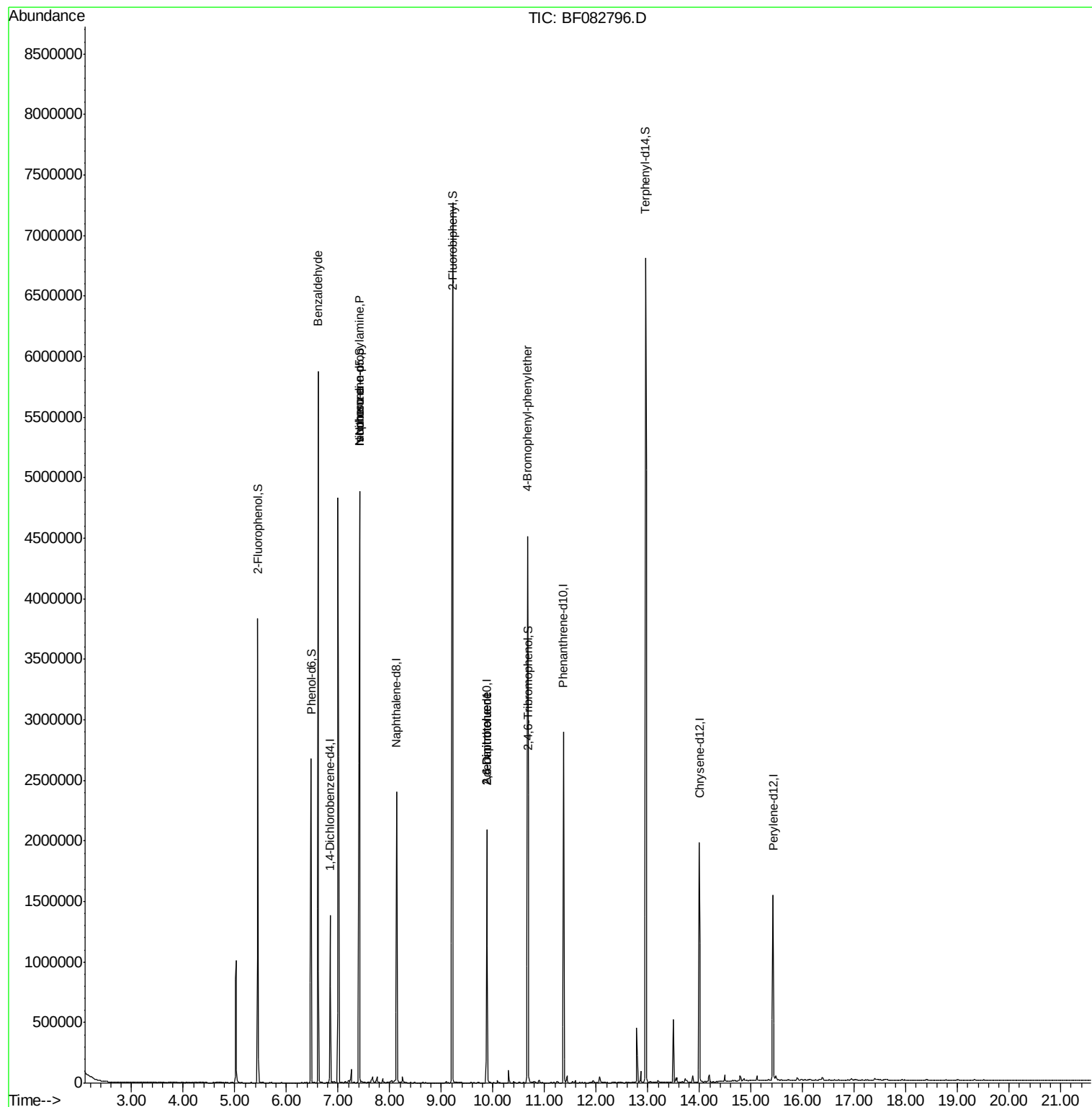
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	250328	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1008526	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	498948	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	963319	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	833802	20.00	ng	-0.02
86) Perylene-d12	15.43	264	687146	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	953154	59.24	ng	0.00
7) Phenol-d6	6.48	99	899403	42.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	1955588	84.37	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	717301	125.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	3066186	88.08	ng	0.00
78) Terphenyl-d14	12.96	244	3008025	85.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	41031	3.47	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.41	70	271810	17.29	ng	# 68
25) Isophorone	7.41	82	1828139	42.63	ng	# 70
50) 2,6-Dinitrotoluene	9.88	165	63733	7.31	ng	# 17
56) 2,4-Dinitrotoluene	9.88	165	63721	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	44173	3.81	ng	# 1

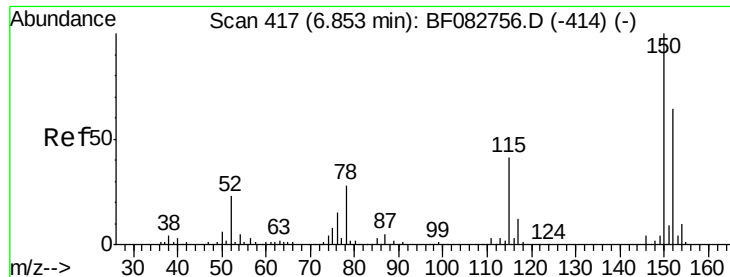
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

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ClientSampleId :

FB-01-110315

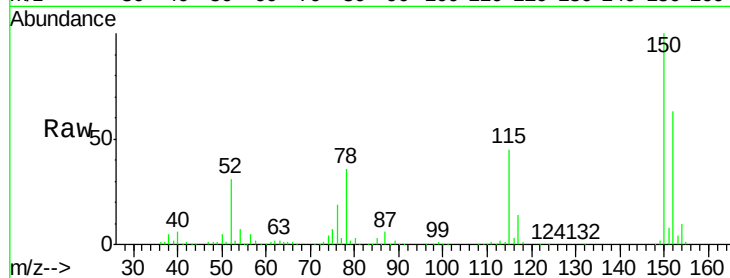
Tgt Ion:152 Resp: 250328

Ion Ratio Lower Upper

152 100

150 159.8 127.0 190.4

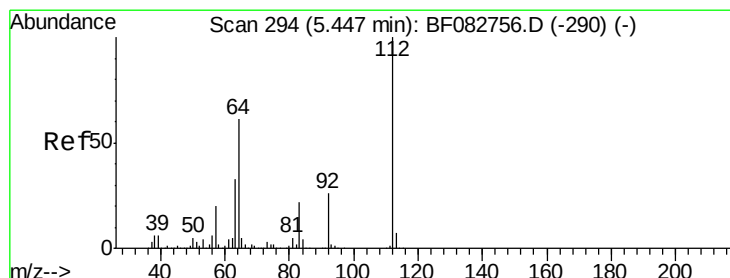
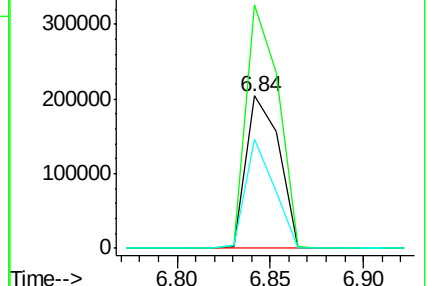
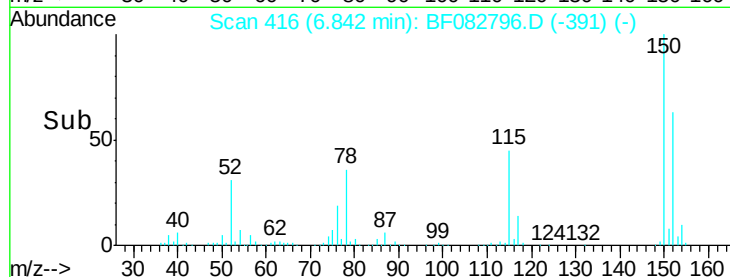
115 71.8 47.0 70.6#



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: 59.24 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

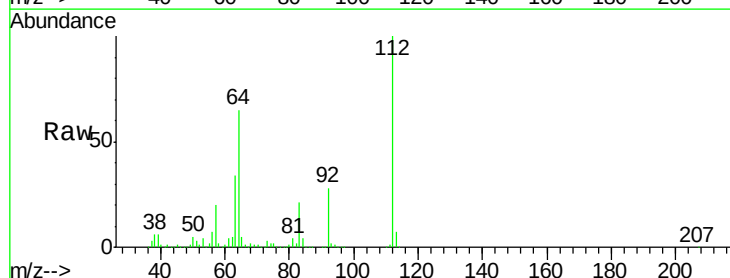
Tgt Ion:112 Resp: 953154

Ion Ratio Lower Upper

112 100

64 64.5 48.9 73.3

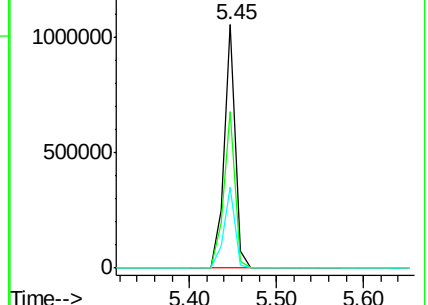
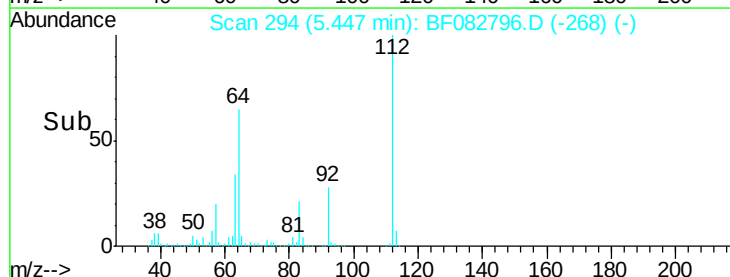
63 33.5 28.1 42.1

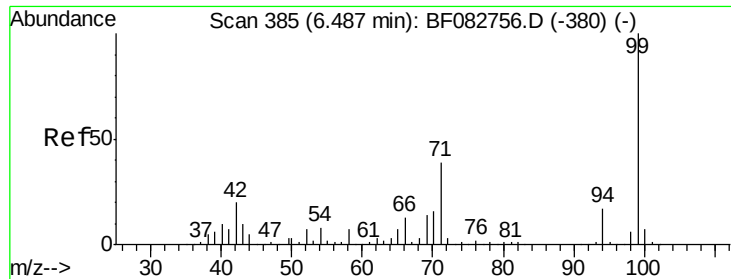


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.05 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

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FB-01-110315

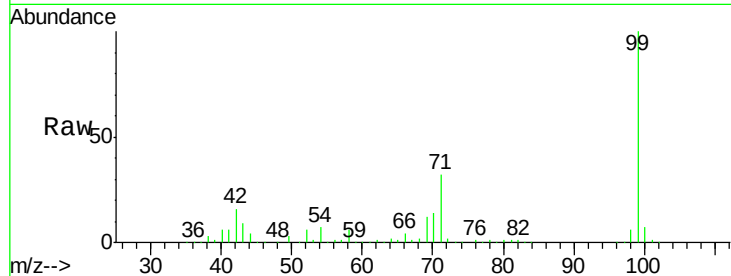
Tgt Ion: 99 Resp: 899403

Ion Ratio Lower Upper

99 100

42 16.2 19.2 28.8#

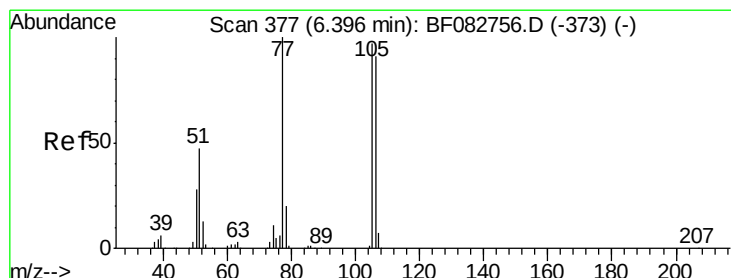
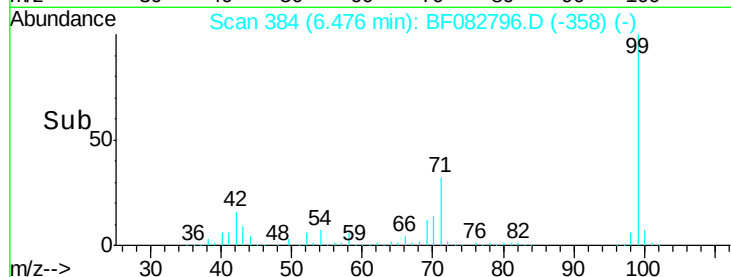
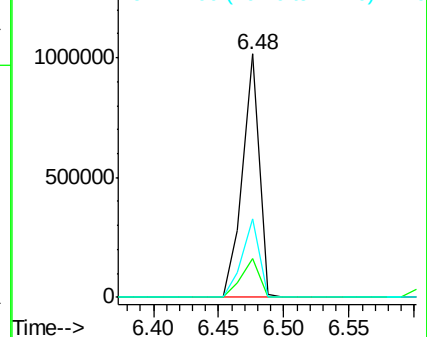
71 32.2 35.0 52.4#



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



#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

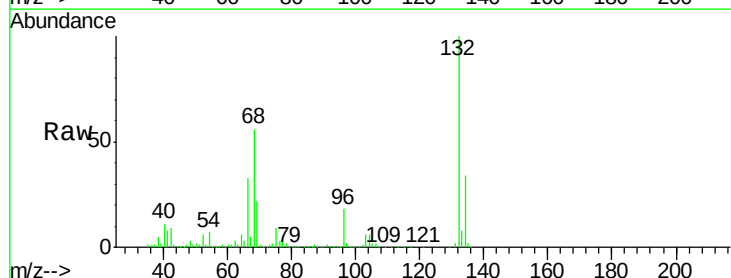
Tgt Ion: 77 Resp: 41031

Ion Ratio Lower Upper

77 100

105 70.4 63.5 103.5

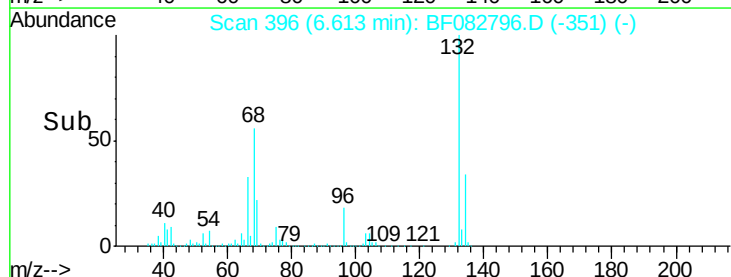
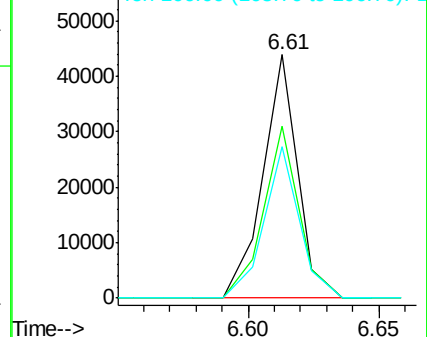
106 62.3 59.3 99.3

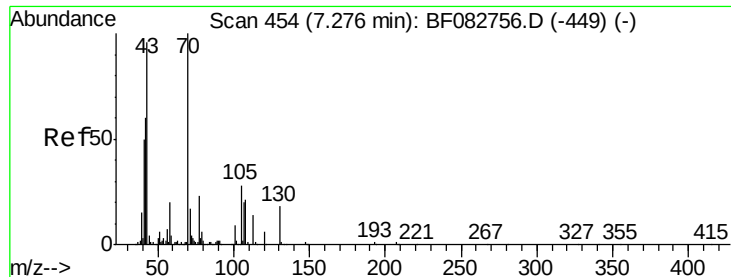


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

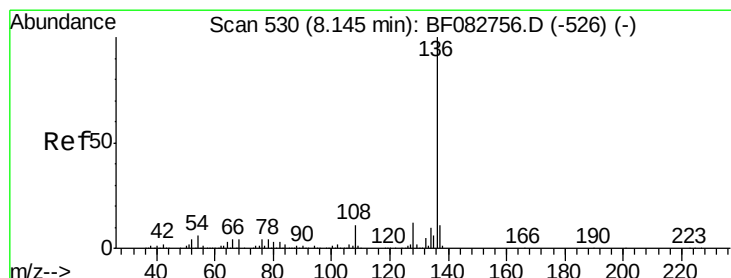
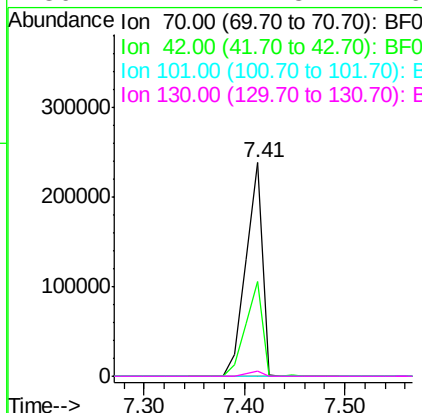
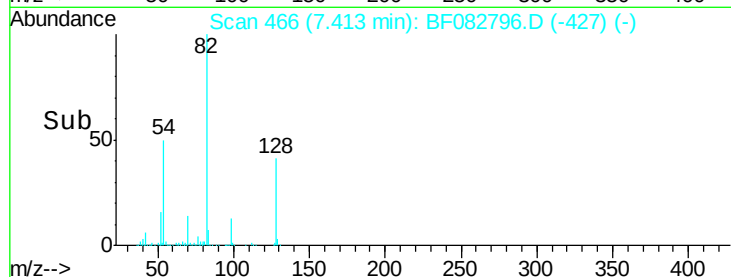
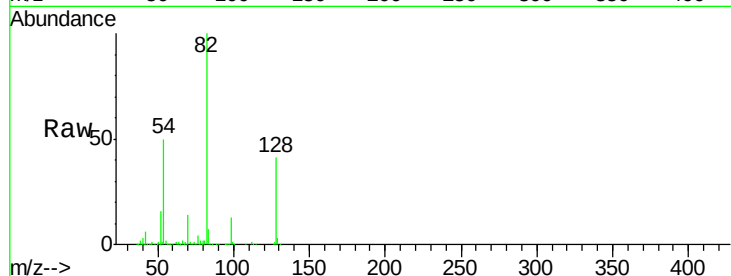




#19
n-Nitroso-di-n-propylamine
Concen: 17.29 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082796.D
Acq: 7 Nov 2015 8:09

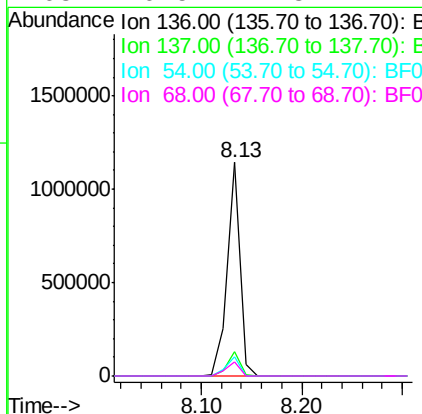
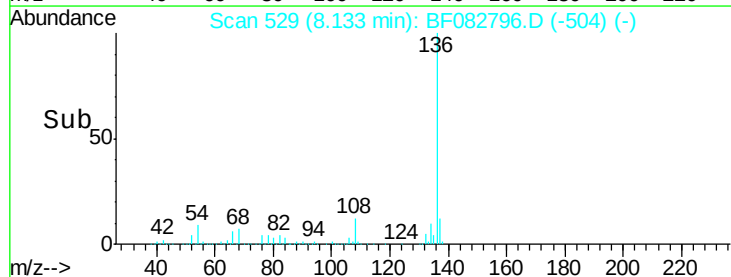
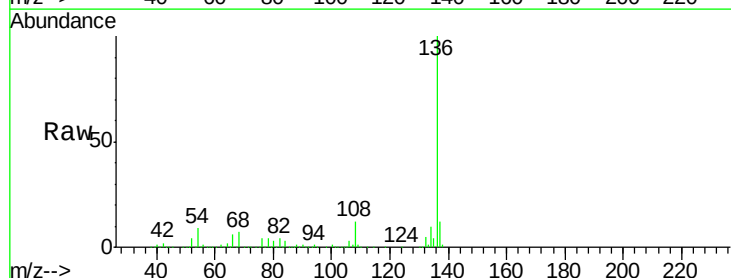
Instrument :
BNA_F
ClientSampleId :
FB-01-110315

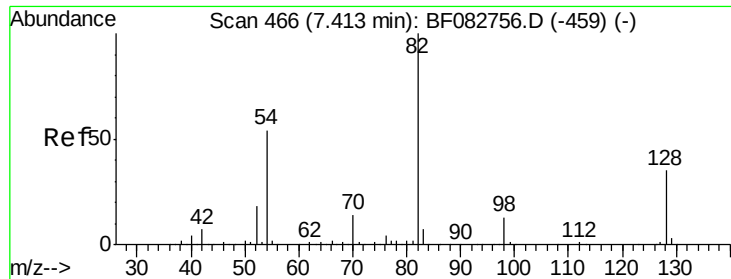
Tgt Ion: 70 Resp: 271810
Ion Ratio Lower Upper
70 100
42 44.2 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082796.D
Acq: 7 Nov 2015 8:09

Tgt Ion: 136 Resp: 1008526
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.0 9.1 13.7#
68 6.5 4.8 7.2

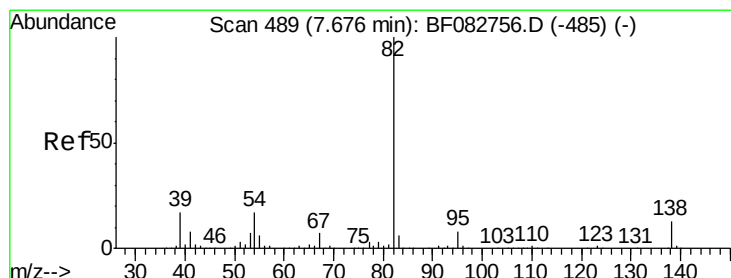
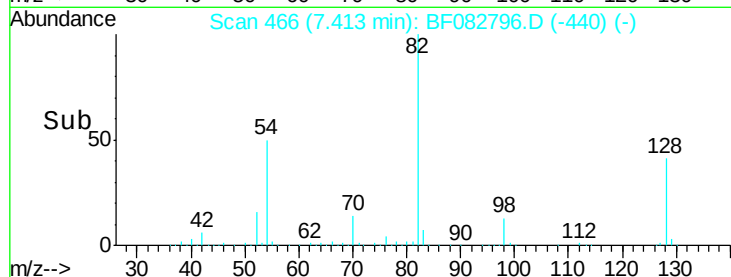
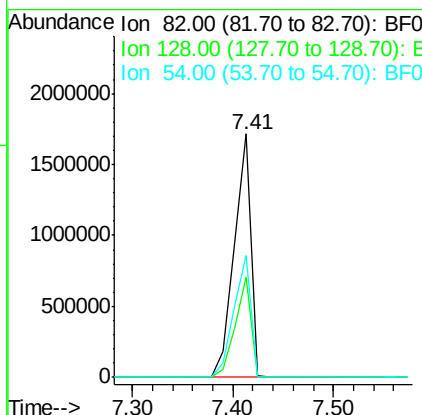
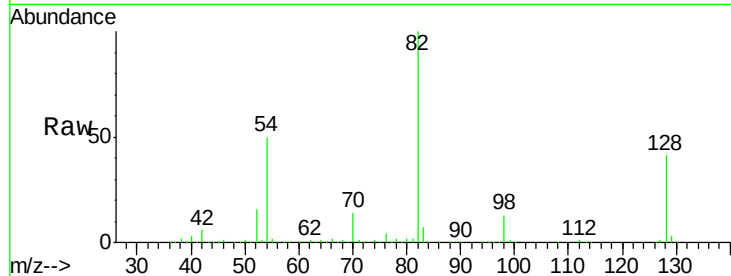




#23
 Nitrobenzene-d5
 Concen: 84.37 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

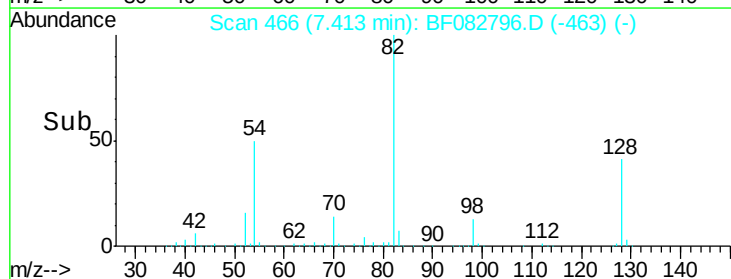
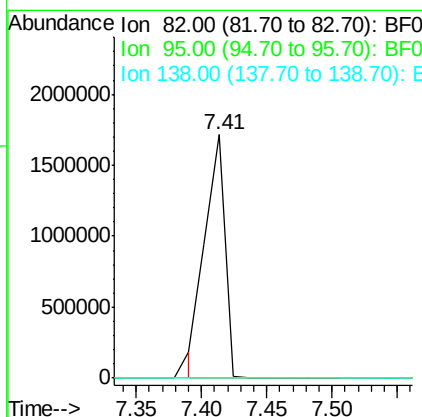
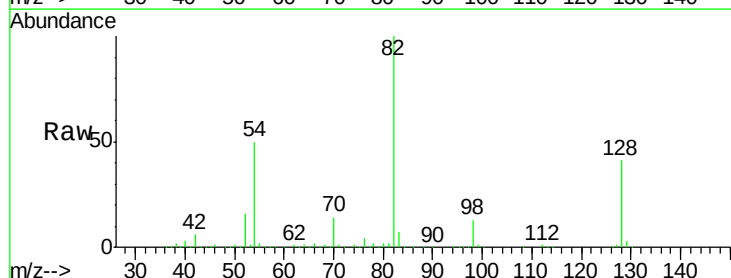
Instrument :
 BNA_F
 ClientSampleId :
 FB-01-110315

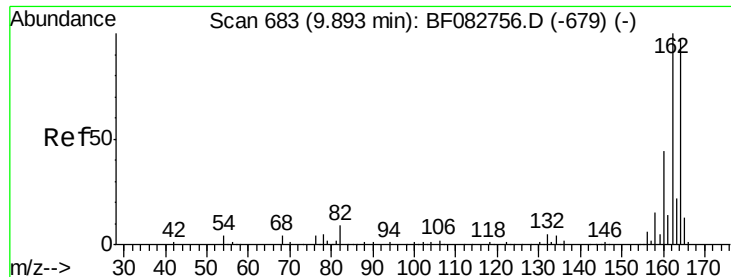
Tgt Ion: 82 Resp: 1955588
 Ion Ratio Lower Upper
 82 100
 128 41.2 26.8 40.2#
 54 50.4 45.7 68.5



#25
 Isophorone
 Concen: 42.63 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Tgt Ion: 82 Resp: 1828139
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

FB-01-110315

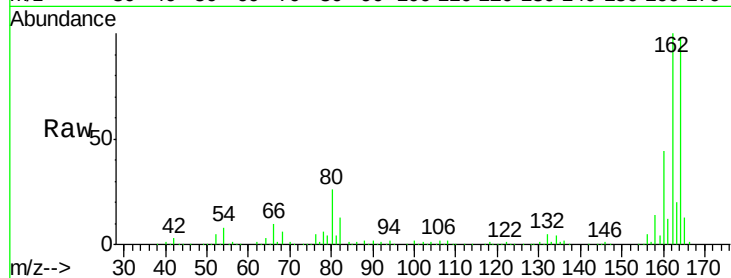
Tgt Ion:164 Resp: 498948

Ion Ratio Lower Upper

164 100

162 101.5 84.9 127.3

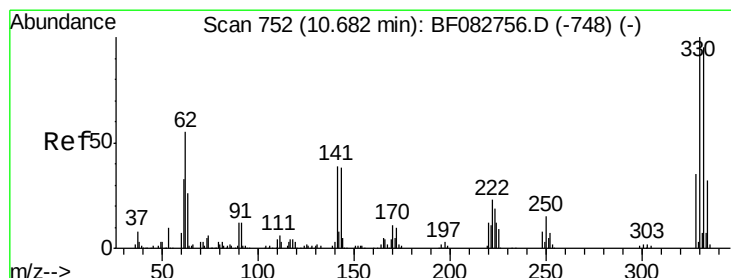
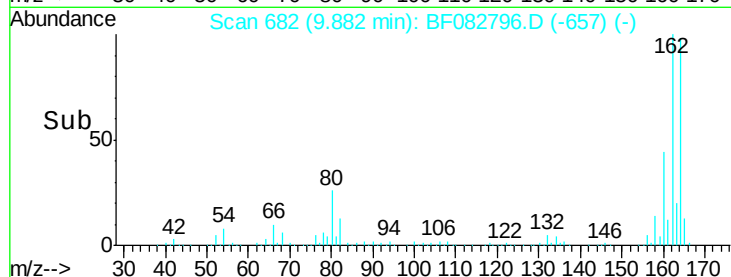
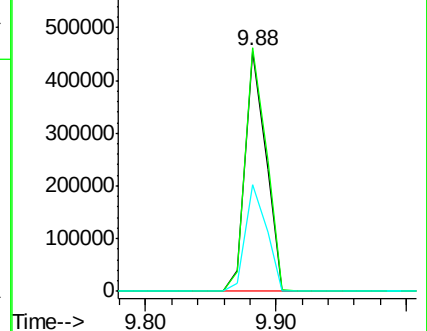
160 44.2 37.5 56.3



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: 125.38 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

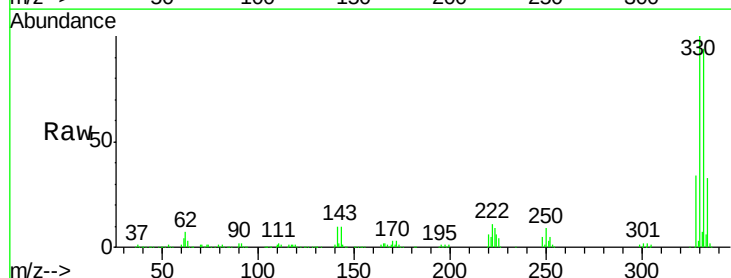
Tgt Ion:330 Resp: 717301

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

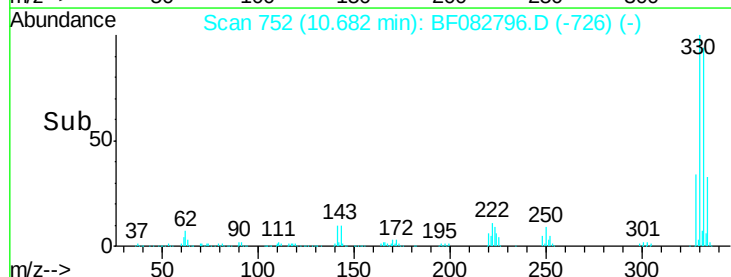
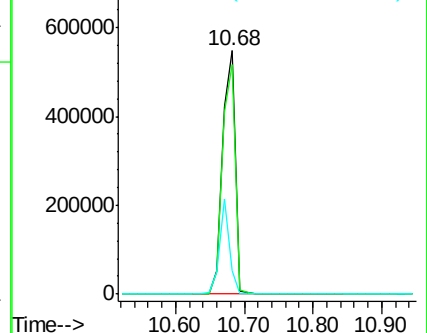
141 30.8 41.2 61.8#

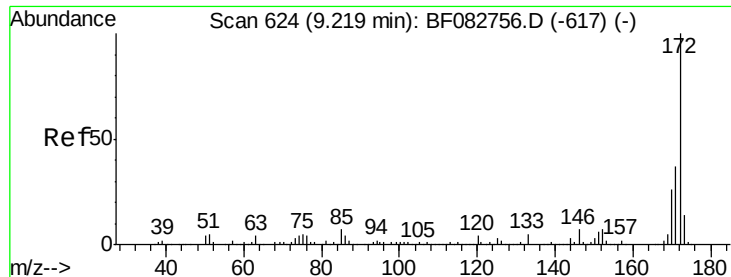


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

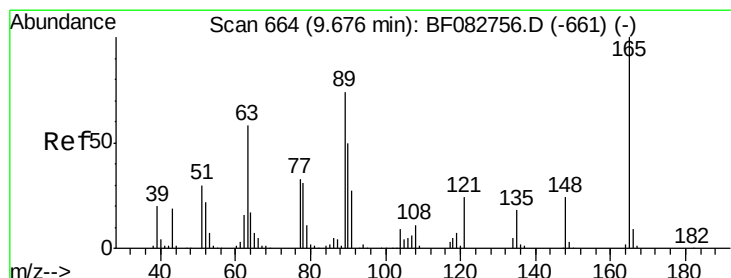
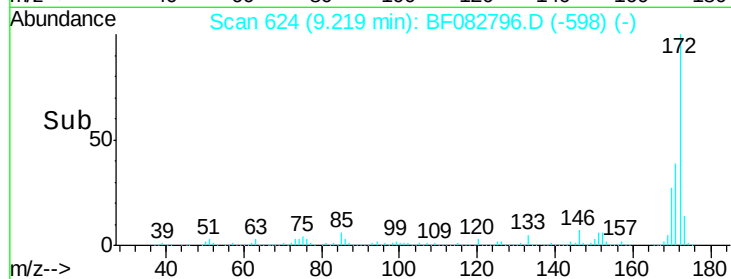
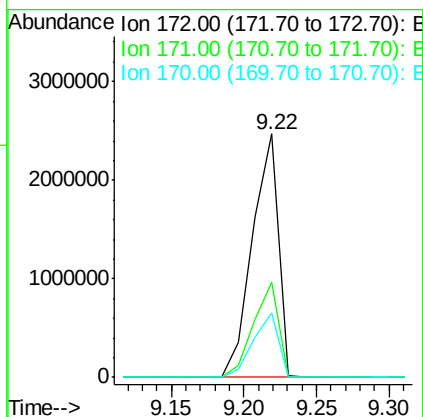
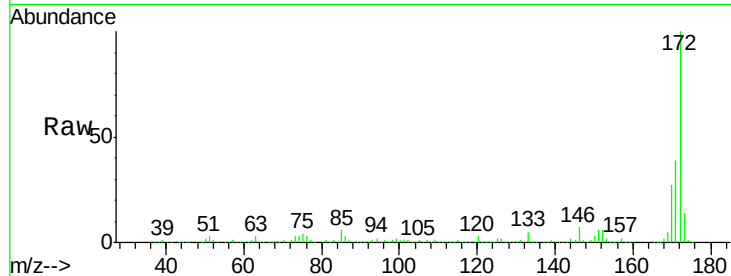




#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

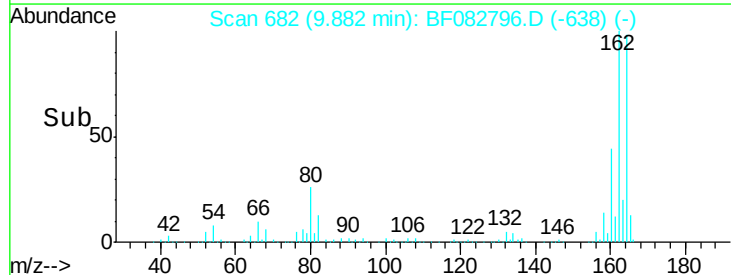
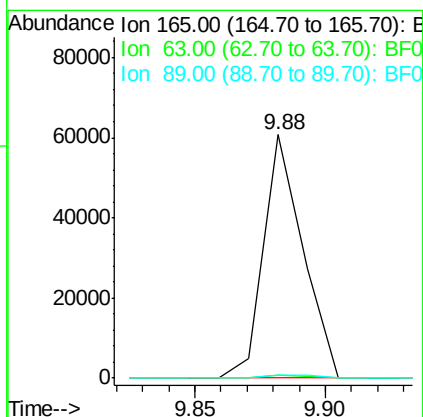
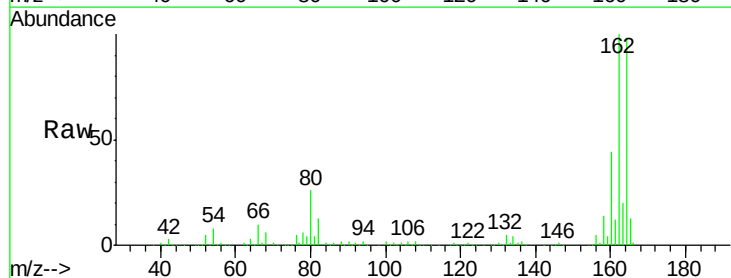
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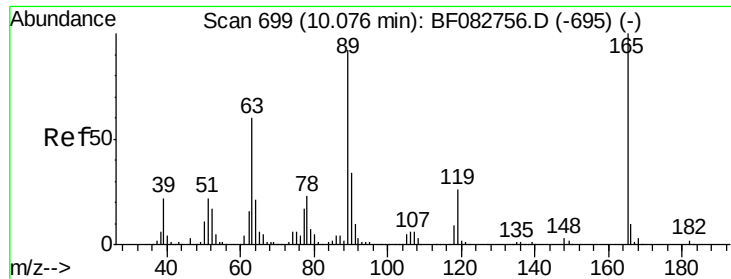
Tgt Ion:172 Resp: 3066186
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 26.7 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Tgt Ion:165 Resp: 63733
 Ion Ratio Lower Upper
 165 100
 63 1.3 55.5 83.3#
 89 1.3 55.0 82.6#

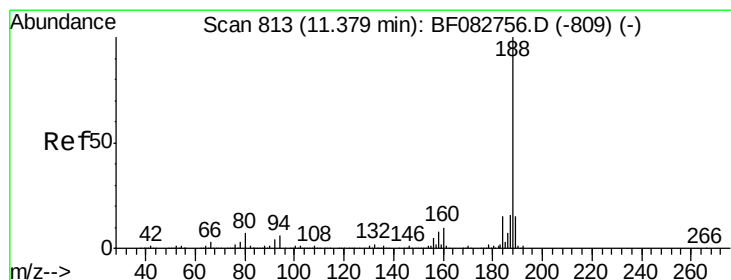
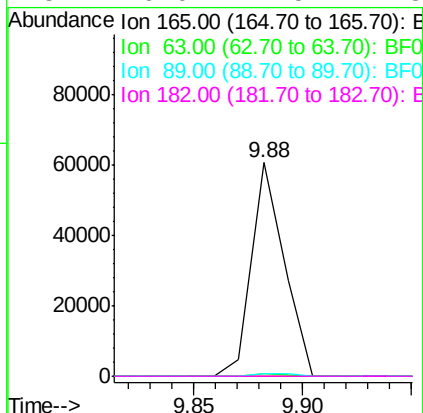
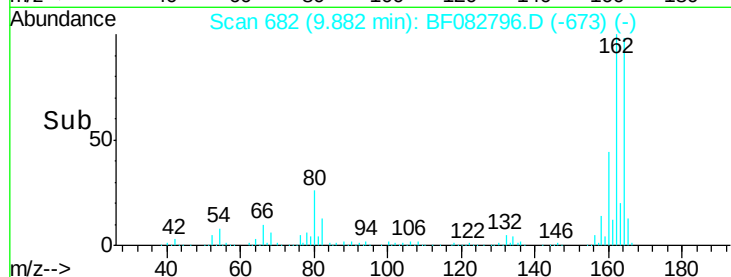
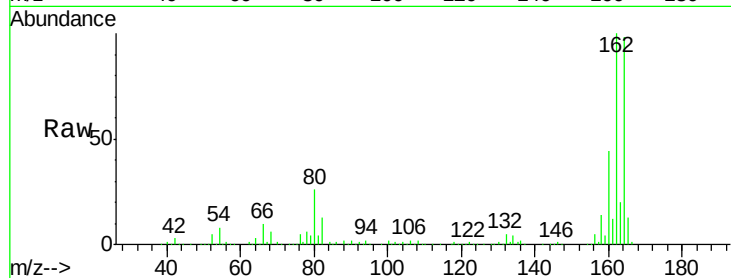




#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082796.D
Acq: 7 Nov 2015 8:09

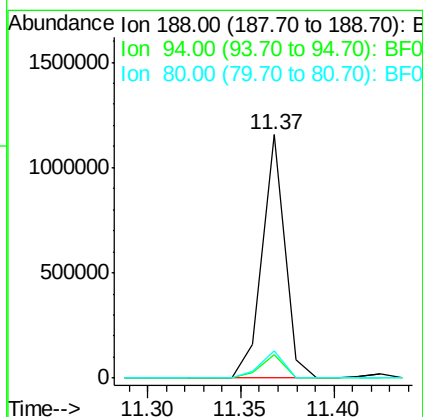
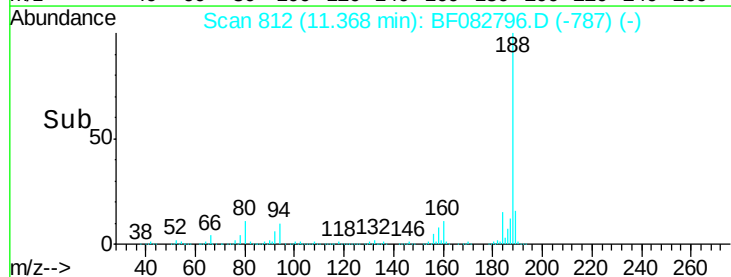
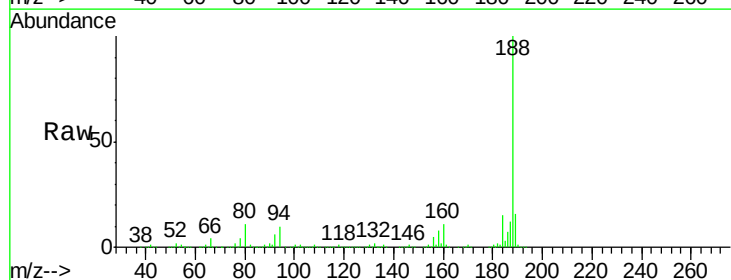
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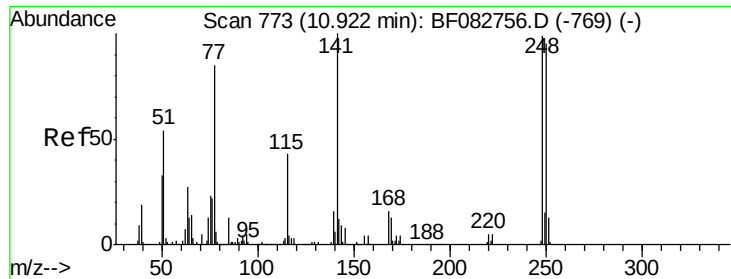
Tgt Ion:	165	Resp:	63721
Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082796.D
Acq: 7 Nov 2015 8:09

Tgt Ion:	188	Resp:	963319
Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.1	9.1#
80	11.2	7.0	10.6#





#66

4-Bromophenyl-phenylether

Concen: 3.81 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

FB-01-110315

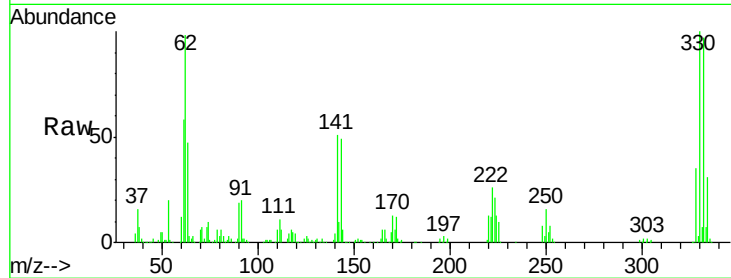
Tgt Ion:248 Resp: 44173

Ion Ratio Lower Upper

248 100

250 198.4 79.4 119.2#

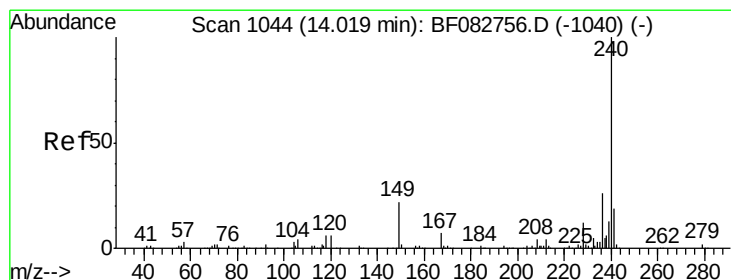
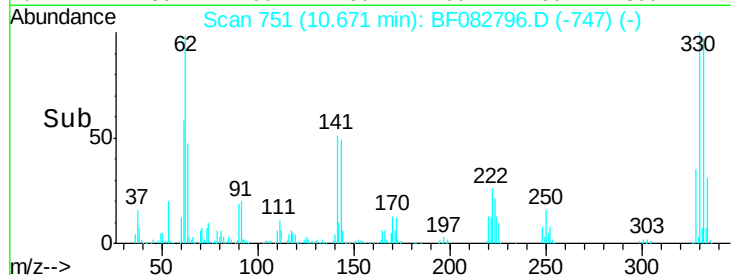
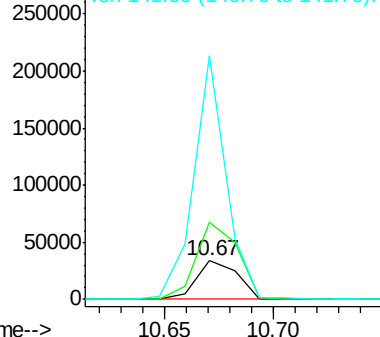
141 628.1 36.3 54.5#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

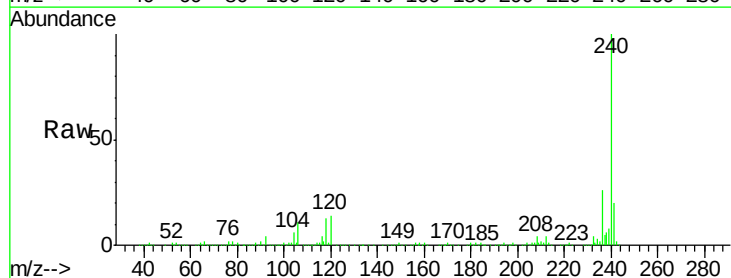
Tgt Ion:240 Resp: 833802

Ion Ratio Lower Upper

240 100

120 14.3 10.9 16.3

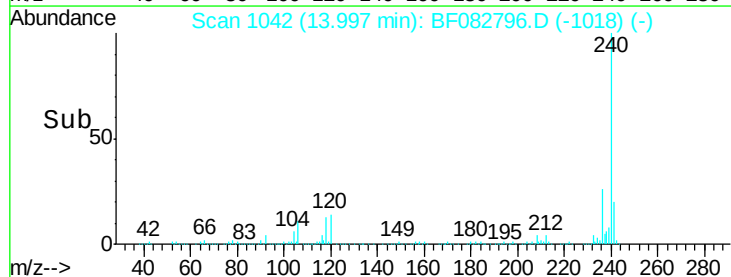
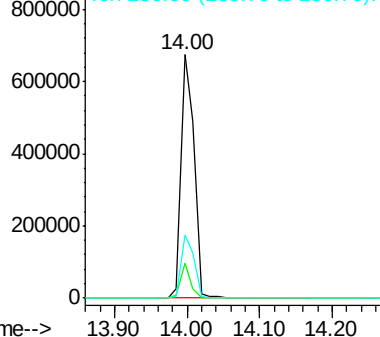
236 26.1 21.6 32.4

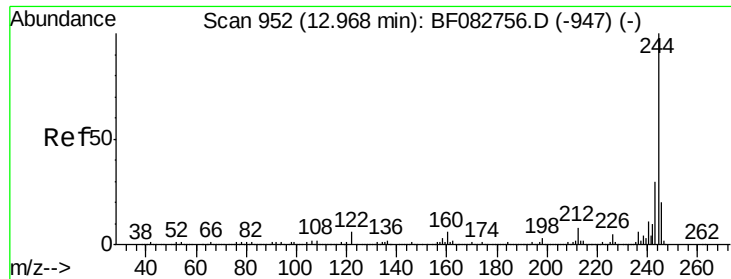


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

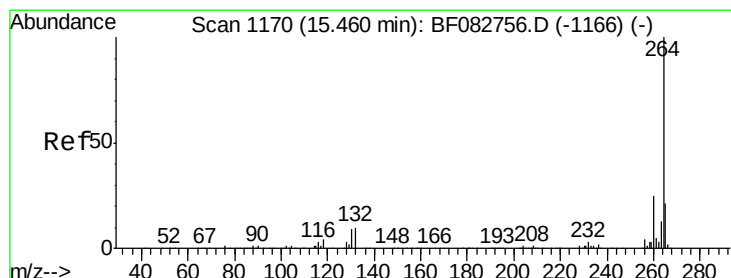
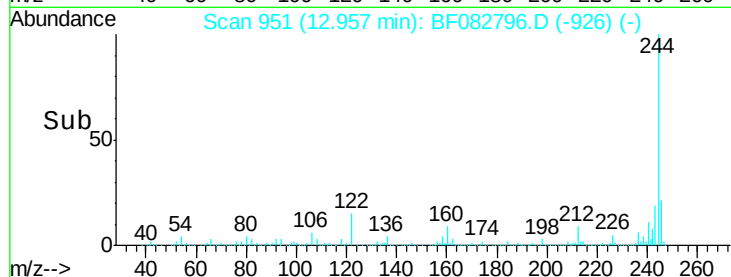
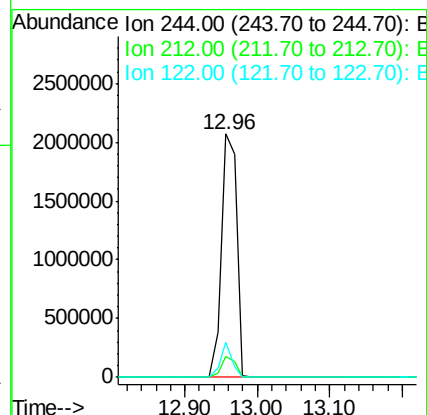
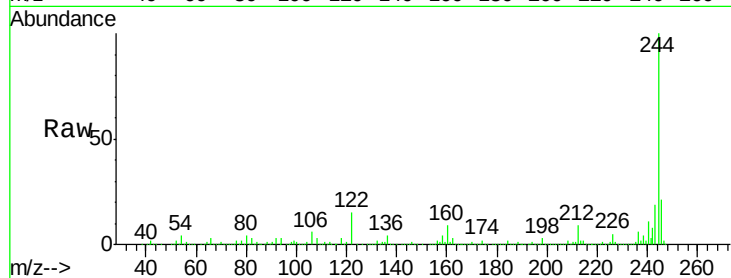




#78
 Terphenyl-d14
 Concen: 85.57 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-110315

Tgt Ion:244 Resp: 3008025
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.6 11.4
 122 14.5 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Tgt Ion:264 Resp: 687146
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 21.2 17.4 26.0

