

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082814.D
 Acq On : 8 Nov 2015 1:07
 Operator : UM/IZ
 Sample : G4280-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Quant Time: Nov 09 00:06:03 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

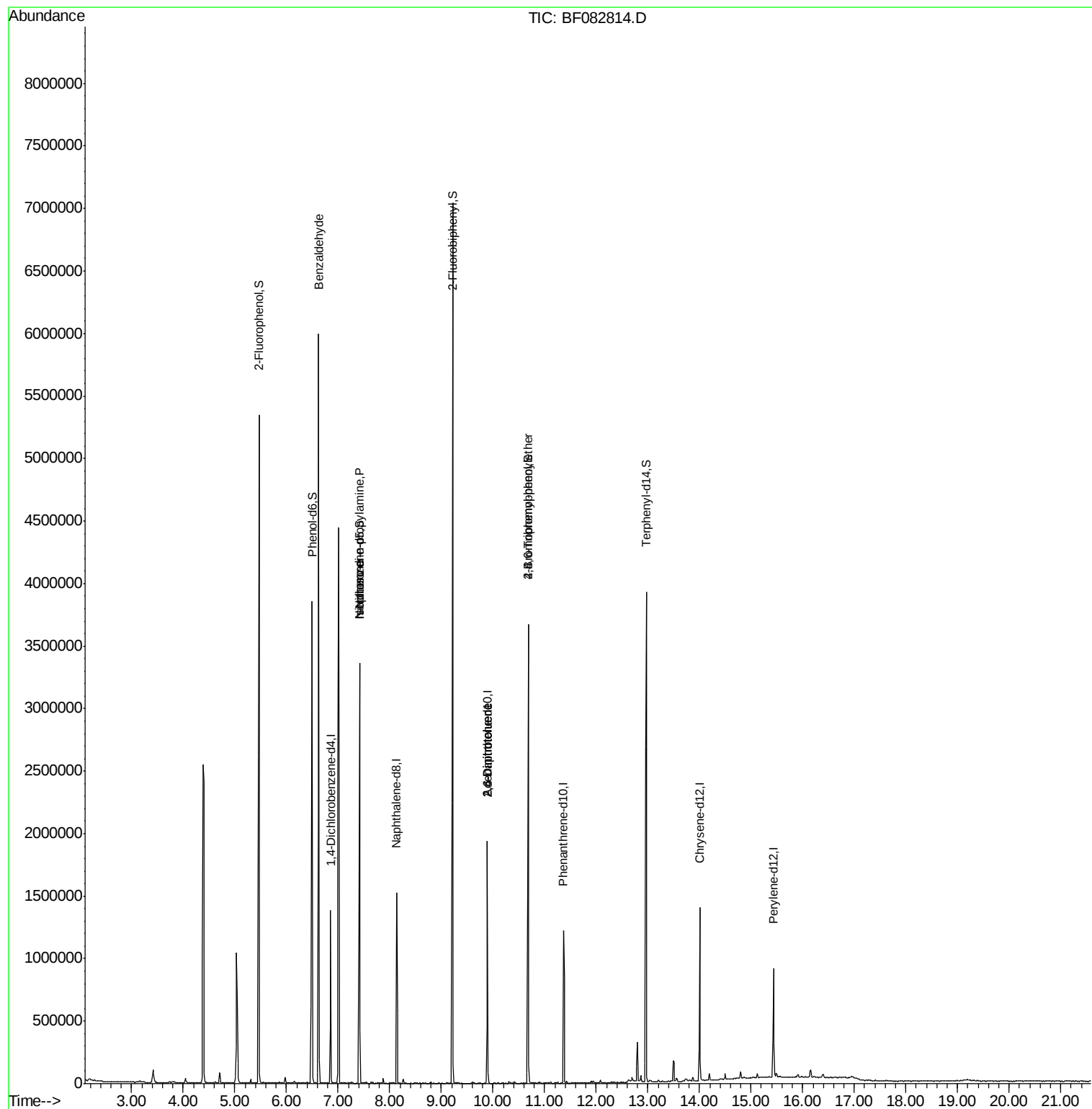
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	208455	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	712782	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	370171	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	575115	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	451627	20.00	ng	-0.01
86) Perylene-d12	15.44	264	387352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1457563	108.79	ng	0.02
7) Phenol-d6	6.50	99	1888019	106.00	ng	0.02
23) Nitrobenzene-d5	7.41	82	1224400	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	413933	97.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2069015	80.11	ng	0.00
78) Terphenyl-d14	12.97	244	1550186	81.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	44276	4.50	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	169175	12.92	ng	# 71
25) Isophorone	7.41	82	1203478	39.71	ng	# 69
50) 2,6-Dinitrotoluene	9.89	165	47235	7.30	ng	# 17
56) 2,4-Dinitrotoluene	9.89	165	47236	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	30596	4.42	ng	# 1

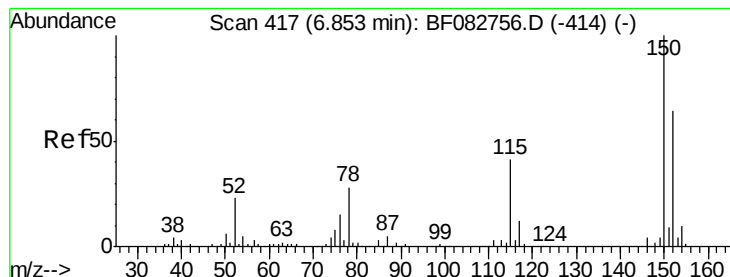
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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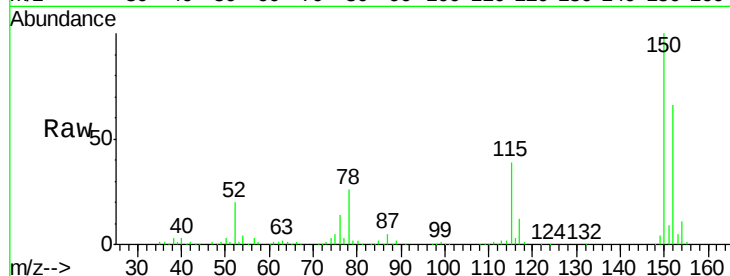




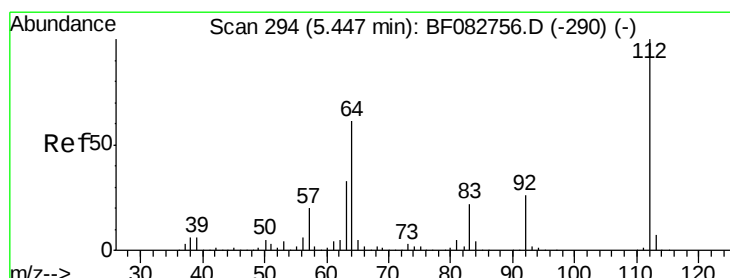
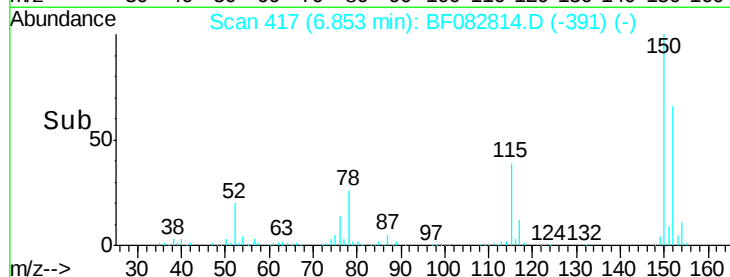
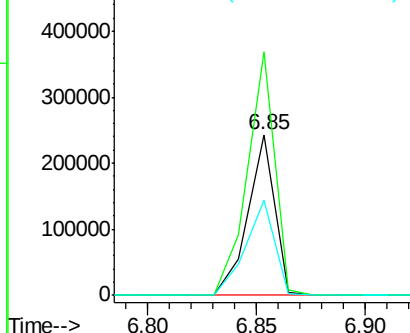
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tgt Ion:152 Resp: 208455
 Ion Ratio Lower Upper
 152 100
 150 151.3 127.0 190.4
 115 59.2 47.0 70.6

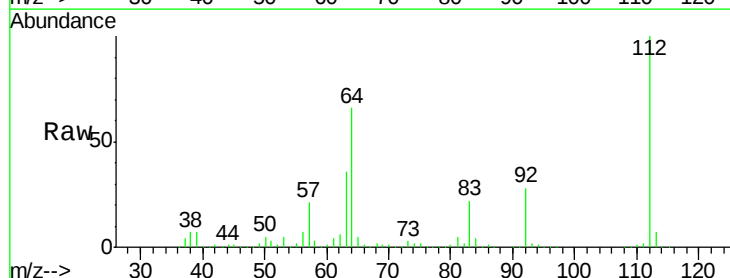


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

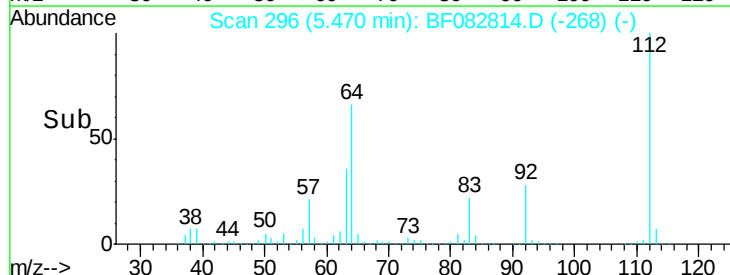
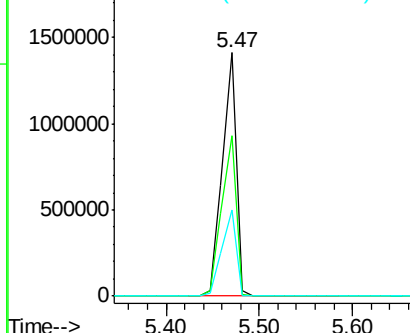


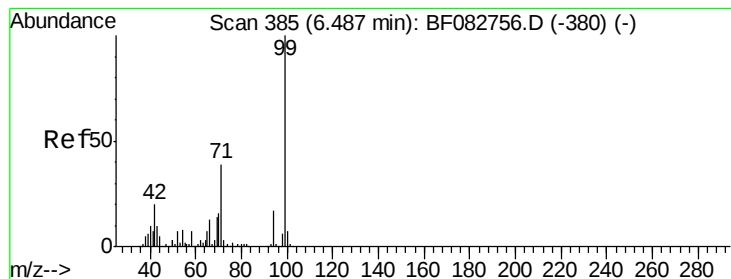
#5
 2-Fluorophenol
 Concen: 108.79 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion:112 Resp: 1457563
 Ion Ratio Lower Upper
 112 100
 64 65.9 48.9 73.3
 63 35.6 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: 106.00 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Instrument :

BNA_F

ClientSampleId :

BSL-001

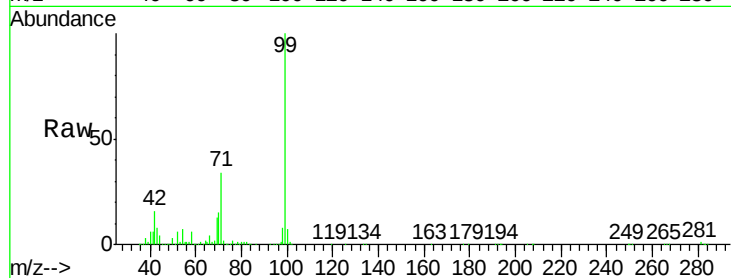
Tgt Ion: 99 Resp: 1888019

Ion Ratio Lower Upper

99 100

42 15.6 19.2 28.8#

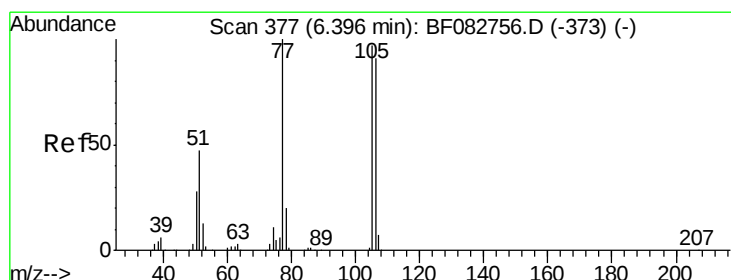
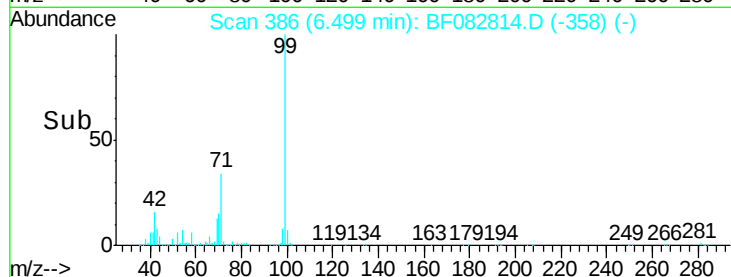
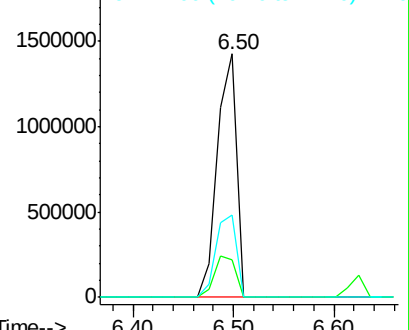
71 33.8 35.0 52.4#



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: 4.50 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

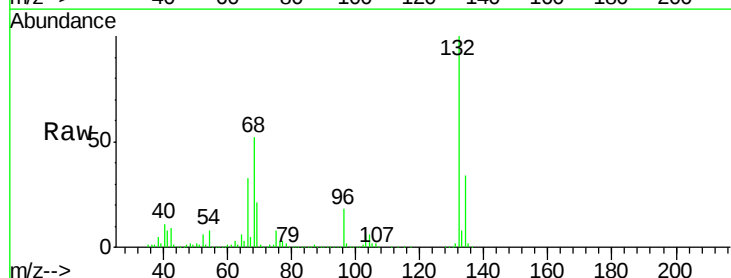
Tgt Ion: 77 Resp: 44276

Ion Ratio Lower Upper

77 100

105 72.0 63.5 103.5

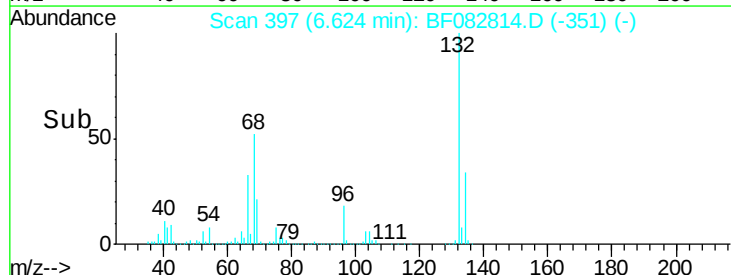
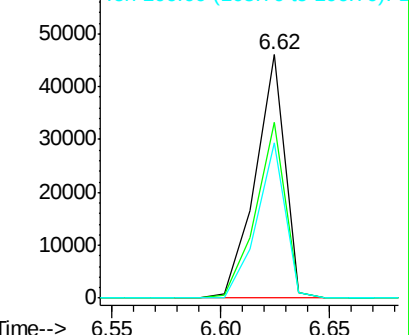
106 63.9 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

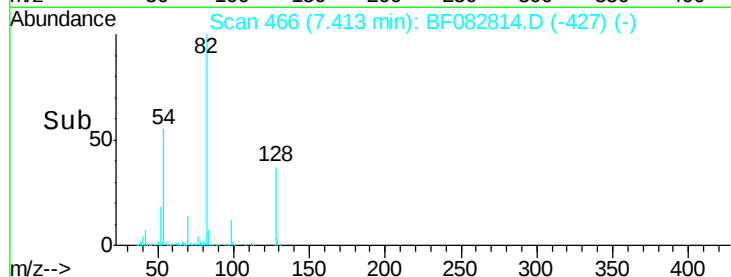
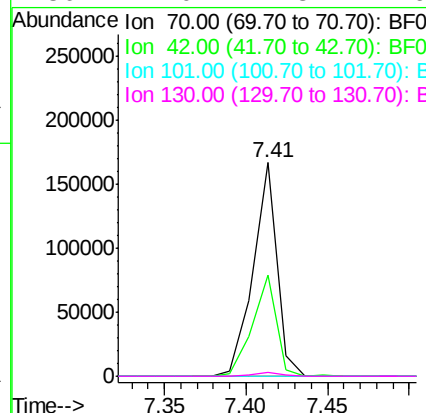
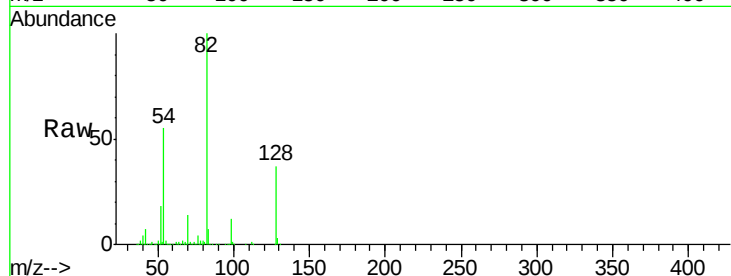




#19
n-Nitroso-di-n-propylamine
Concen: 12.92 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082814.D
Acq: 8 Nov 2015 1:07

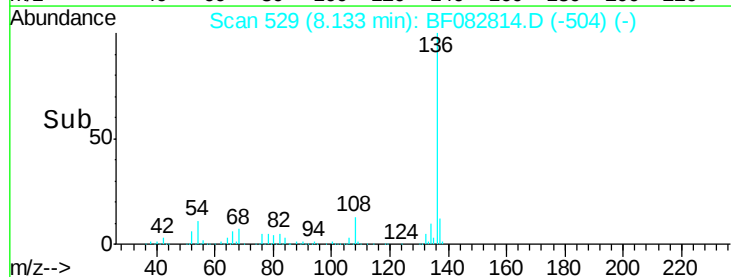
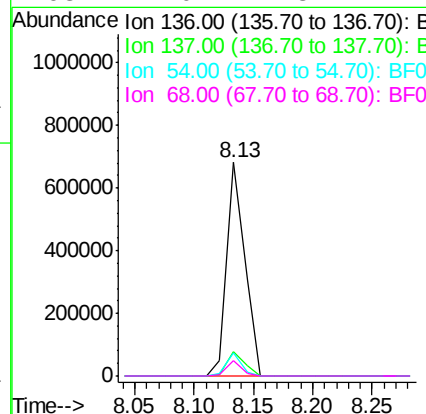
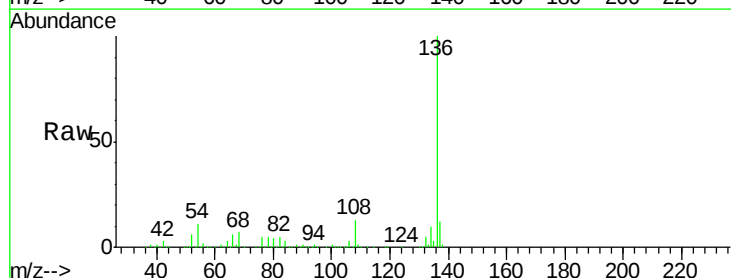
Instrument :
BNA_F
ClientSampleId :
BSL-001

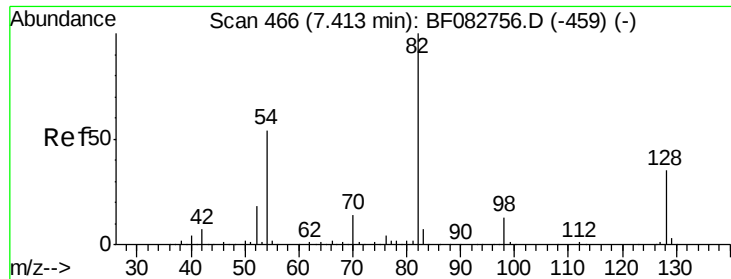
Tgt Ion: 70 Resp: 169175
Ion Ratio Lower Upper
70 100
42 47.5 57.7 86.5#
101 0.0 7.0 10.6#
130 2.0 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082814.D
Acq: 8 Nov 2015 1:07

Tgt Ion: 136 Resp: 712782
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 10.7 9.1 13.7
68 7.0 4.8 7.2

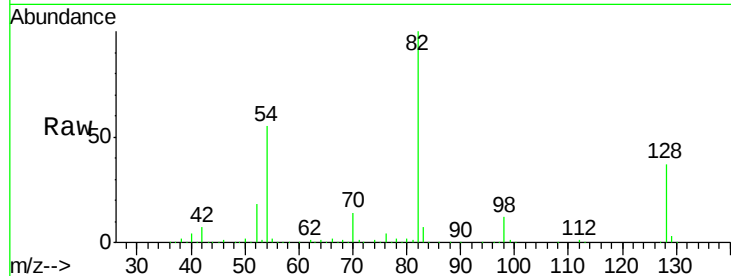




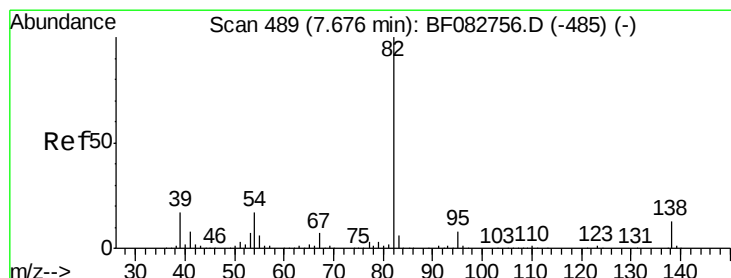
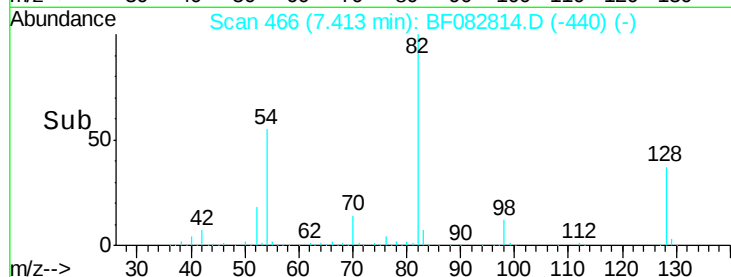
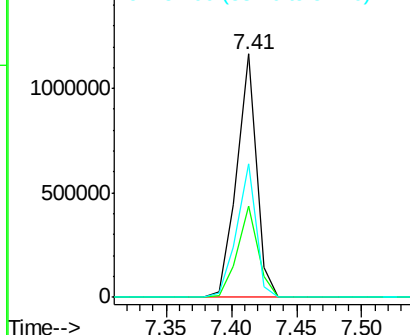
#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tgt Ion: 82 Resp: 1224400
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 54.7 45.7 68.5

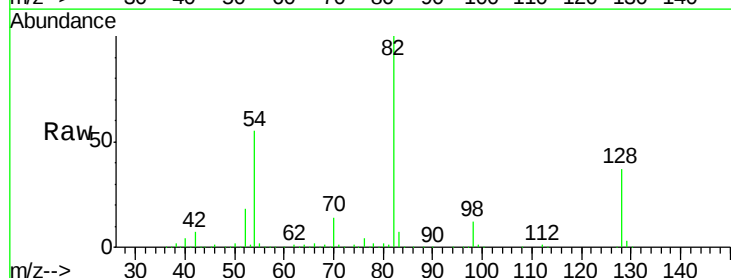


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

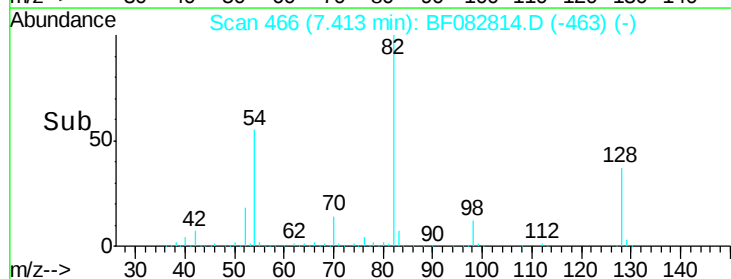
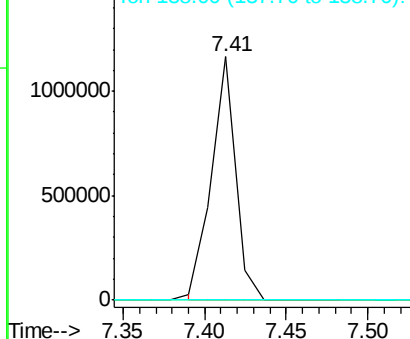


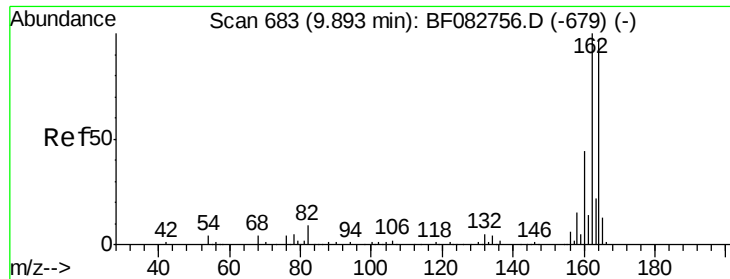
#25
 Isophorone
 Concen: 39.71 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion: 82 Resp: 1203478
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Instrument :

BNA_F

ClientSampleId :

BSL-001

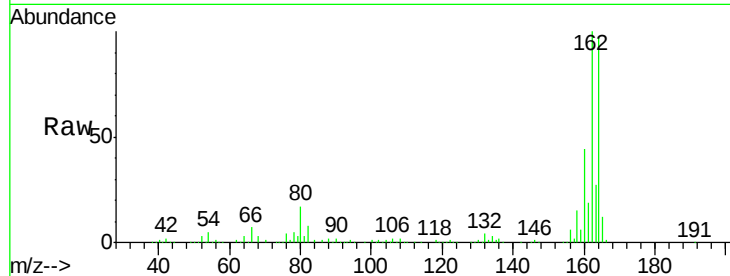
Tgt Ion:164 Resp: 370171

Ion Ratio Lower Upper

164 100

162 103.5 84.9 127.3

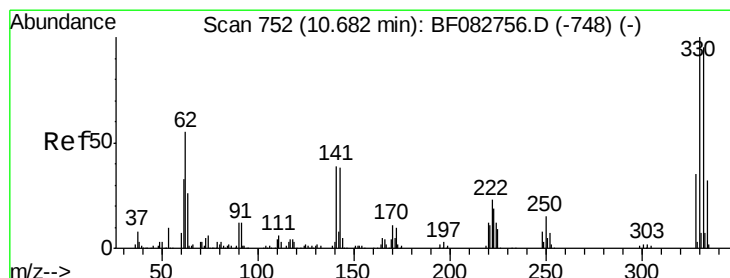
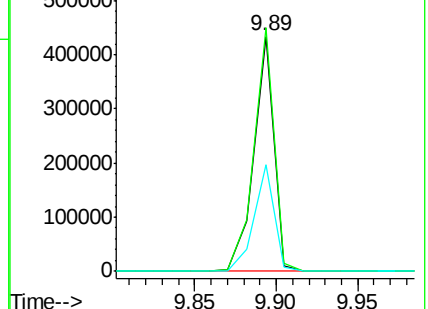
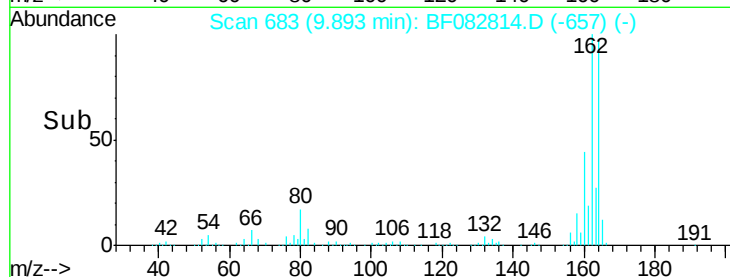
160 45.4 37.5 56.3



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: 97.53 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

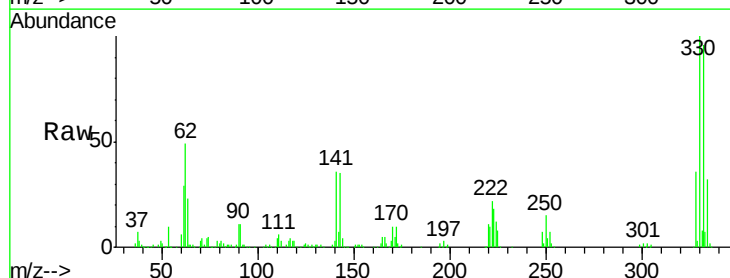
Tgt Ion:330 Resp: 413933

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

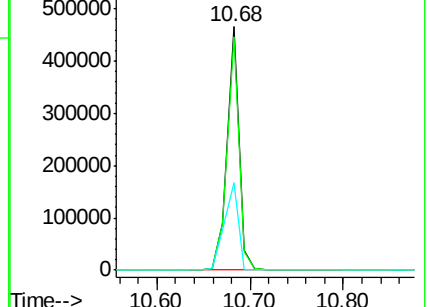
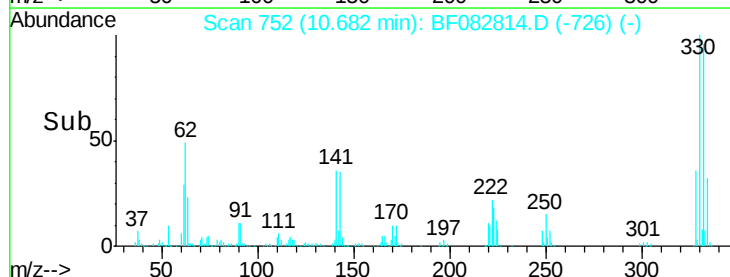
141 42.0 41.2 61.8

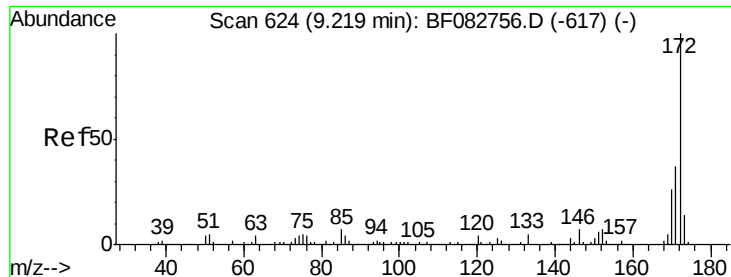


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

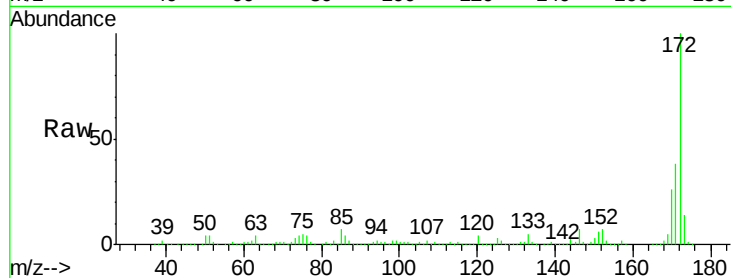




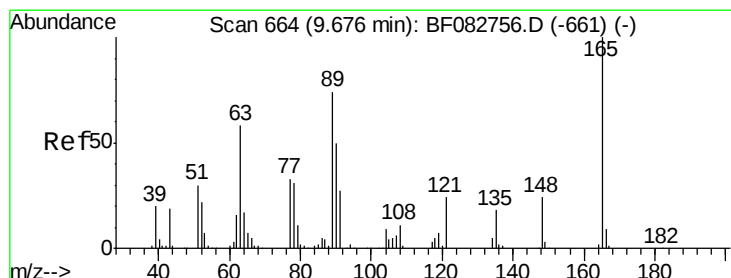
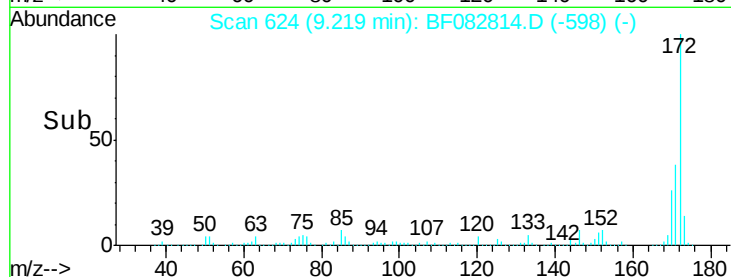
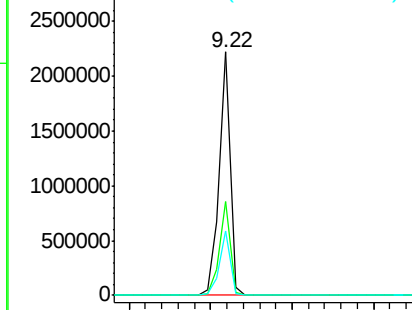
#44
 2-Fluorobiphenyl
 Concen: 80.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tgt Ion:172 Resp: 2069015
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.3 21.2 31.8

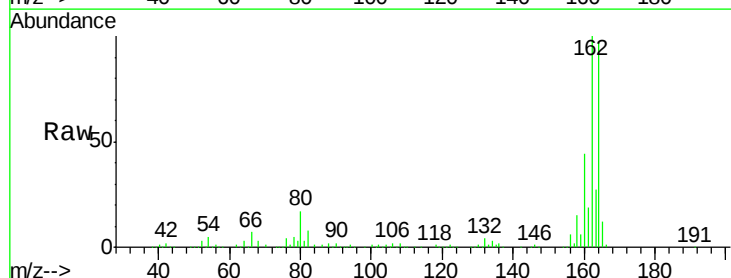


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

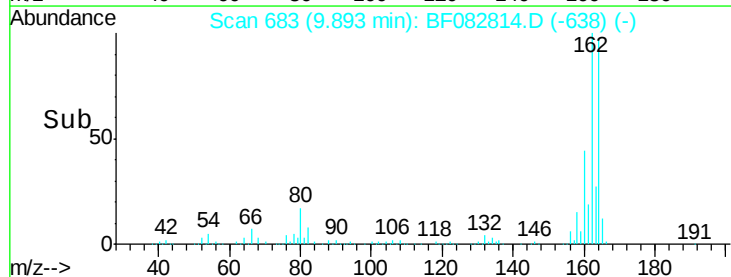
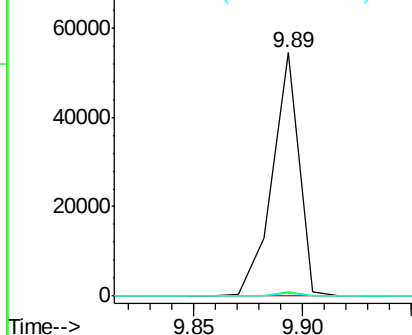


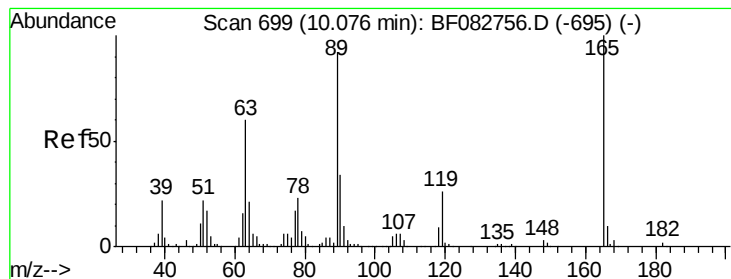
#50
 2,6-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.22 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion:165 Resp: 47235
 Ion Ratio Lower Upper
 165 100
 63 1.6 55.5 83.3#
 89 1.1 55.0 82.6#



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





#56

2,4-Dinitrotoluene

Concen: 5.38 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.18 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Instrument :

BNA_F

ClientSampleId :

BSL-001

Tgt Ion:165 Resp: 47236

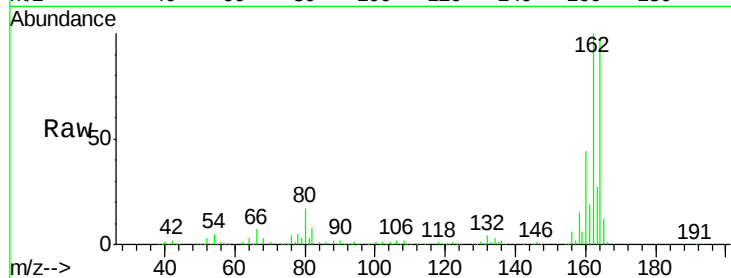
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.1 70.6 106.0#

182 0.0 1.5 2.3#

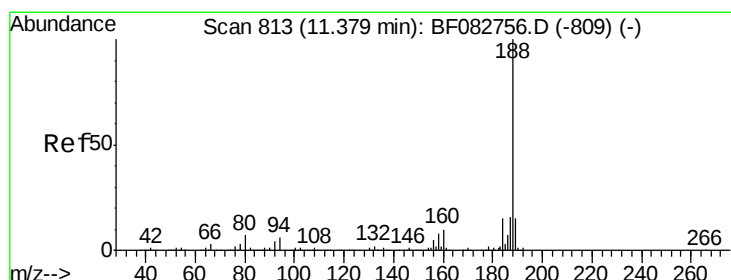
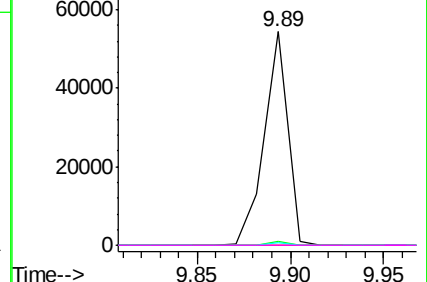
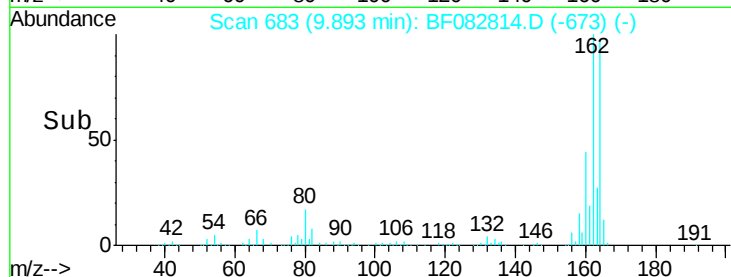


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

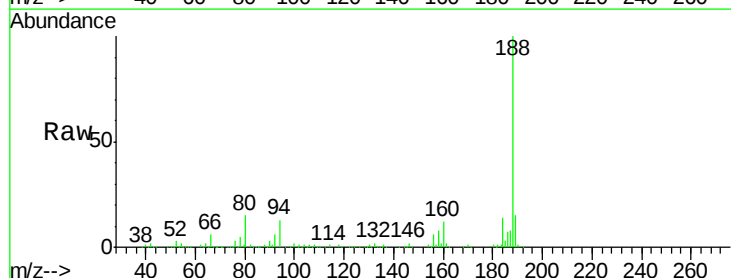
Tgt Ion:188 Resp: 575115

Ion Ratio Lower Upper

188 100

94 13.0 6.1 9.1#

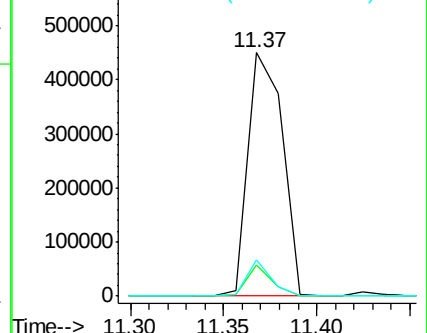
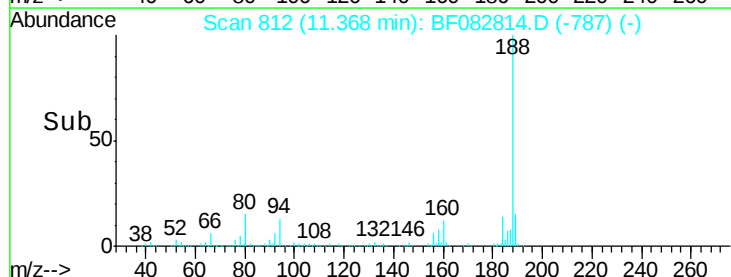
80 14.9 7.0 10.6#

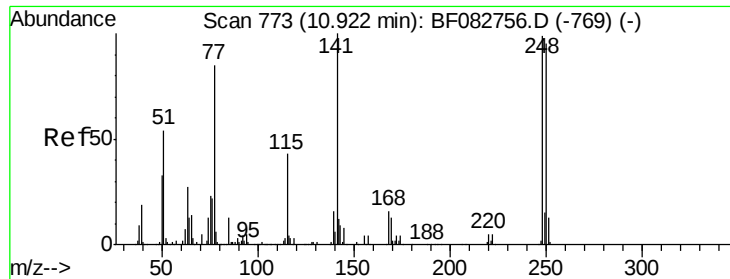


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.42 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Instrument :

BNA_F

ClientSampleId :

BSL-001

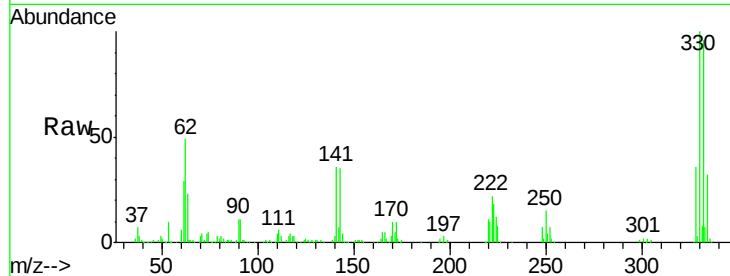
Tgt Ion:248 Resp: 30596

Ion Ratio Lower Upper

248 100

250 205.0 79.4 119.2#

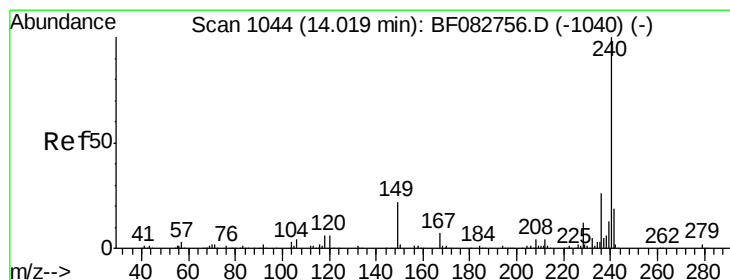
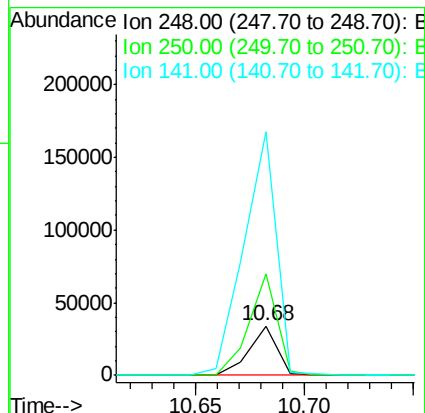
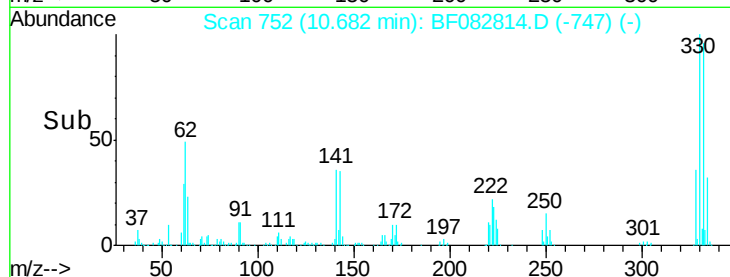
141 491.1 36.3 54.5#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

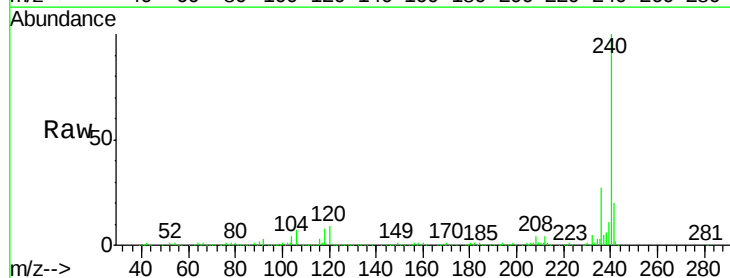
Tgt Ion:240 Resp: 451627

Ion Ratio Lower Upper

240 100

120 9.5 10.9 16.3#

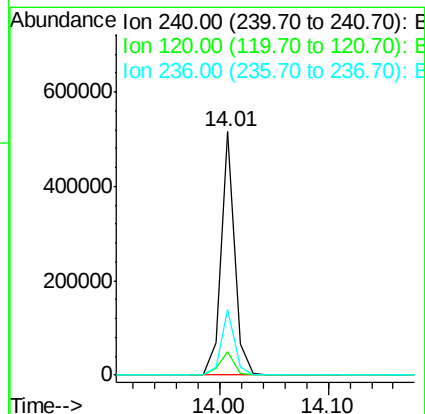
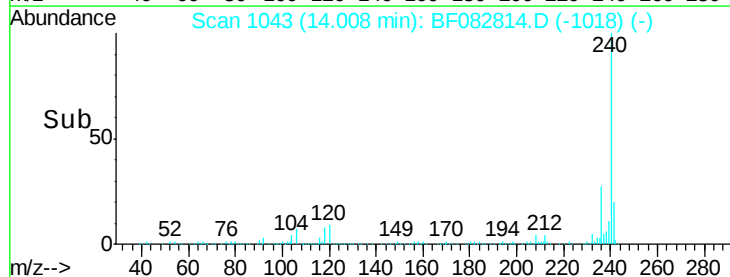
236 27.2 21.6 32.4

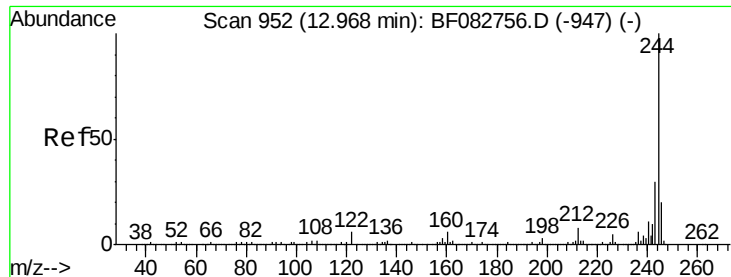


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

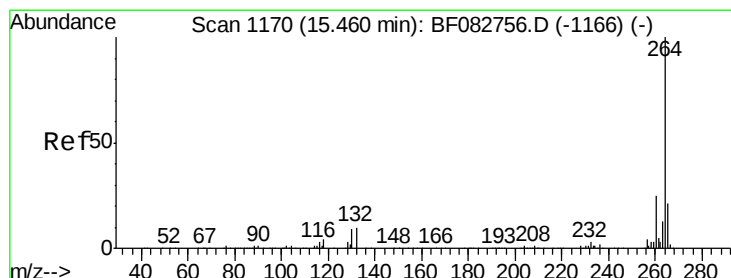
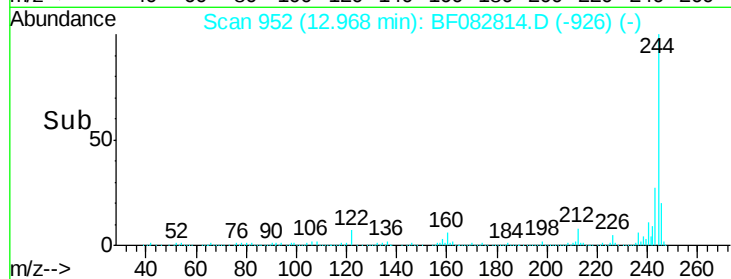
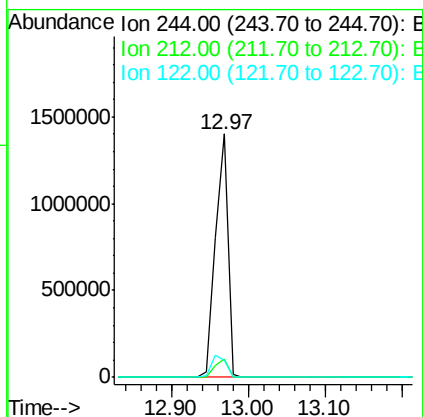
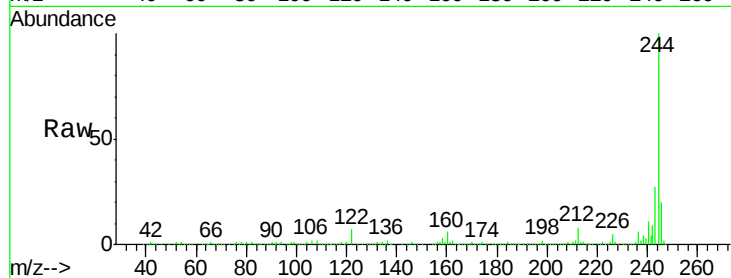




#78
 Terphenyl-d14
 Concen: 81.41 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tgt Ion:244 Resp: 1550186
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.6 11.4
 122 7.1 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion:264 Resp: 387352
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 20.6 17.4 26.0

