

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082194.D
 Acq On : 11 Oct 2015 00:12
 Operator : UM/IZ
 Sample : G3979-23
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

Quant Time: Oct 12 03:01:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

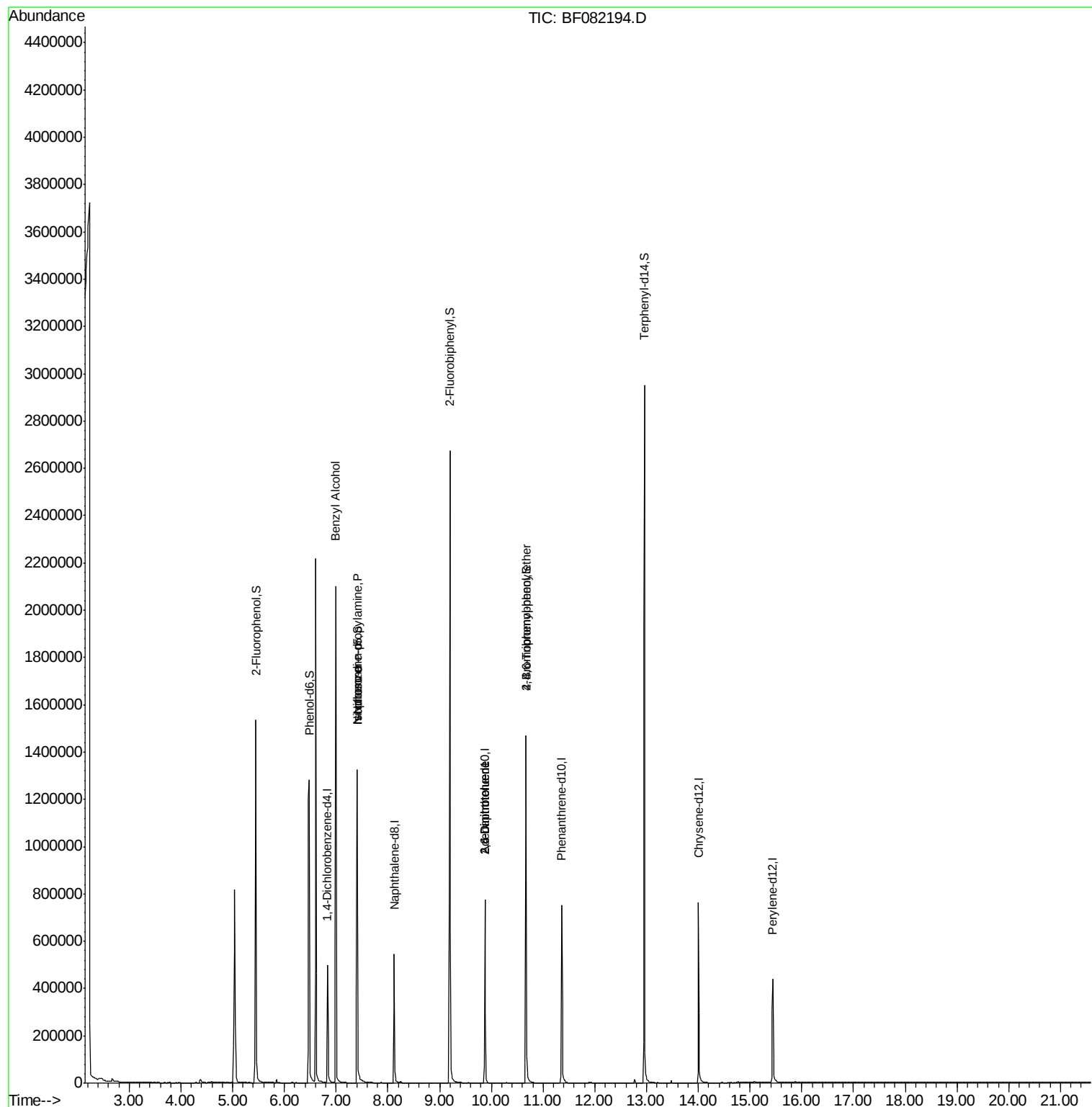
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92247	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	359210	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	179423	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	365848	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	344507	20.00	ng	-0.01
86) Perylene-d12	15.44	264	258555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	618473	135.31	ng	0.02
7) Phenol-d6	6.48	99	730016	122.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	518276	96.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	276453	164.30	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1036839	95.83	ng	-0.01
78) Terphenyl-d14	12.96	244	1286918	98.99	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.99	79	8724	2.12	ng	# 47
19) n-Nitroso-di-n-propylamine	7.41	70	66937	16.02	ng	# 80
25) Isophorone	7.41	82	416445	38.57	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	22434	8.42	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	22436	6.73	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	18111	4.95	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: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

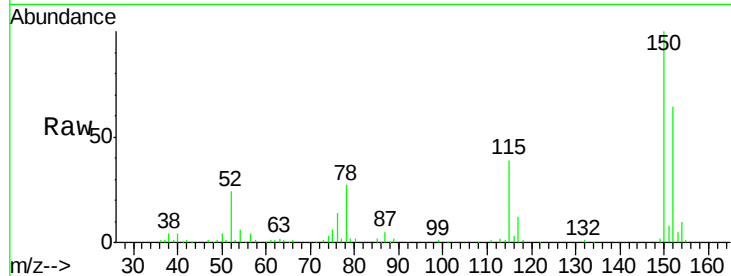
Tot Ion:152 Resp: 92247

Ion Ratio Lower Upper

152 100

150 156.7 129.0 193.4

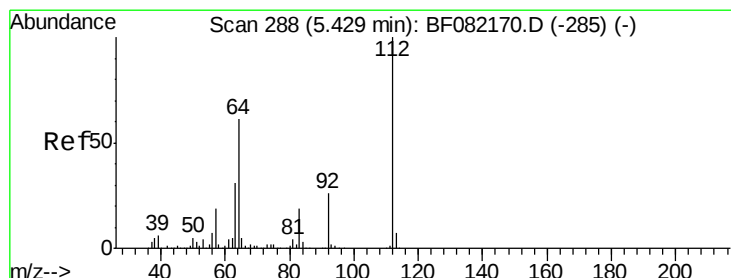
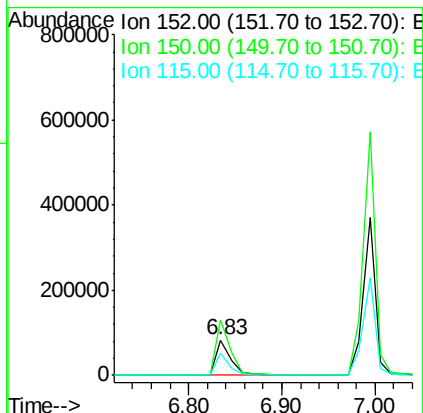
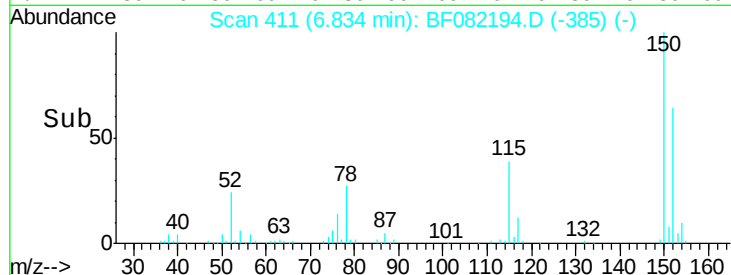
115 61.6 52.1 78.1



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: 135.31 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

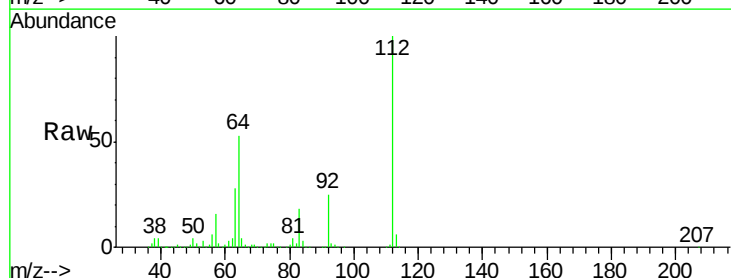
Tgt Ion:112 Resp: 618473

Ion Ratio Lower Upper

112 100

64 53.3 48.6 73.0

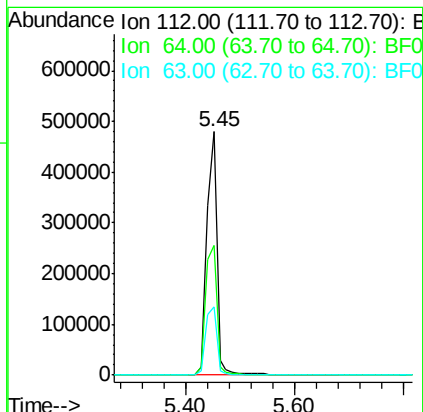
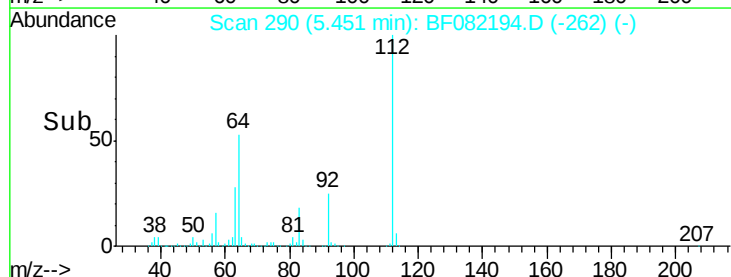
63 27.8 25.1 37.7



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: 122.73 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

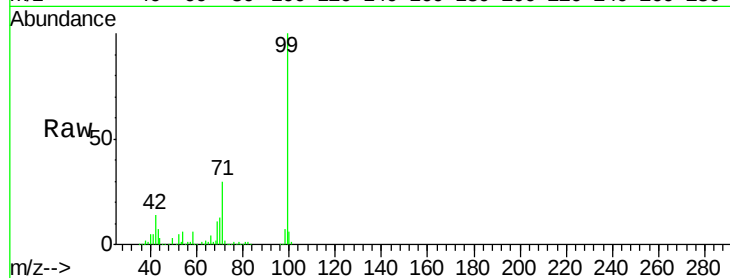
Tot Ion: 99 Resp: 730016

Ion Ratio Lower Upper

99 100

42 13.5 13.2 19.8

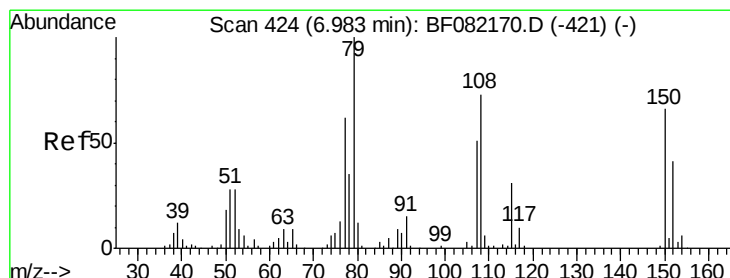
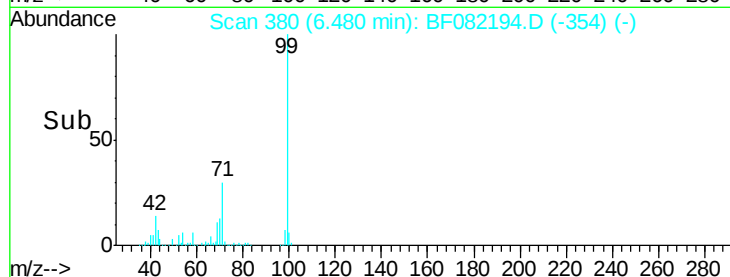
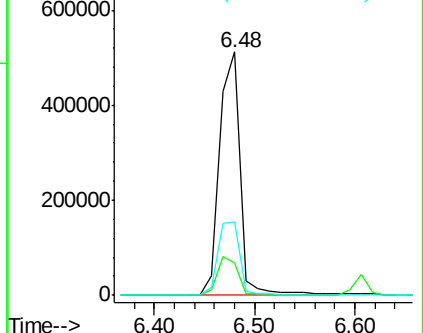
71 30.1 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

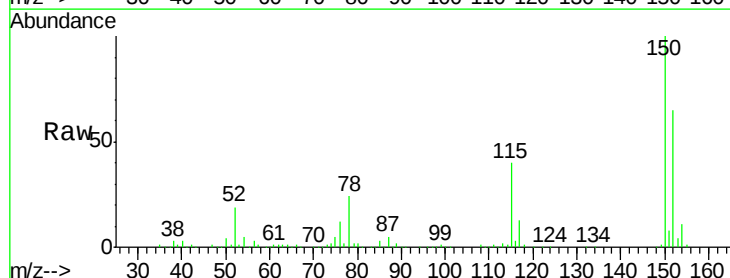
Tgt Ion: 79 Resp: 8724

Ion Ratio Lower Upper

79 100

108 32.1 58.4 87.6#

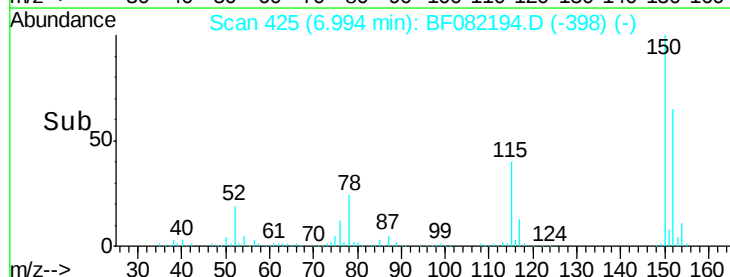
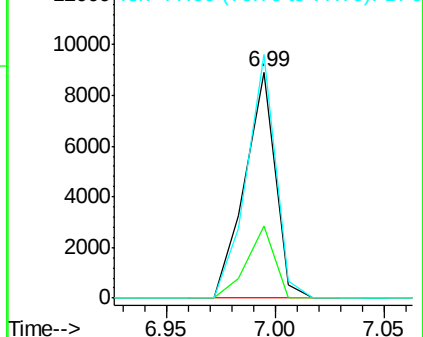
77 107.7 49.8 74.6#

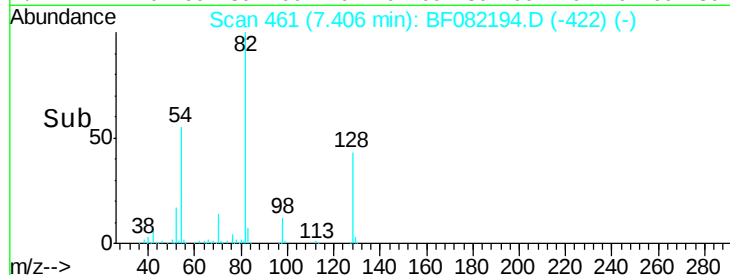
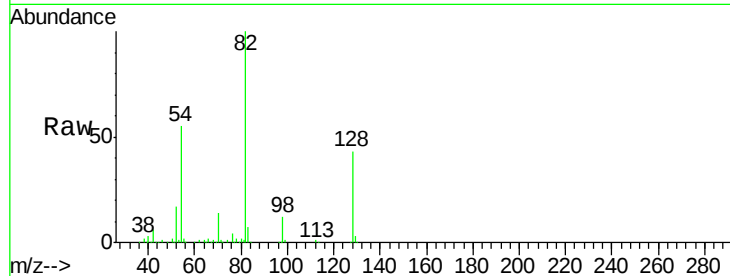


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

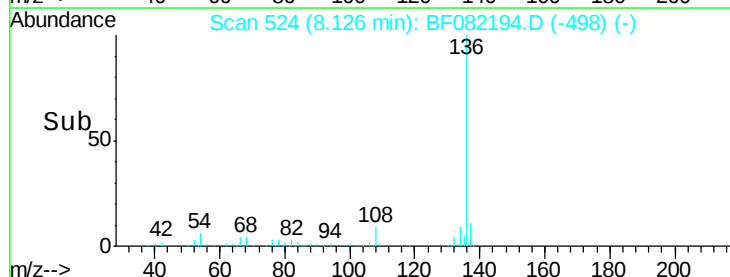
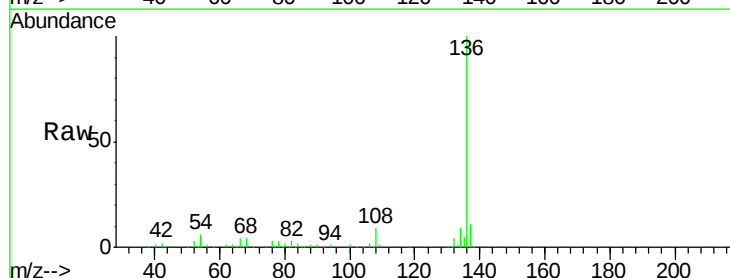
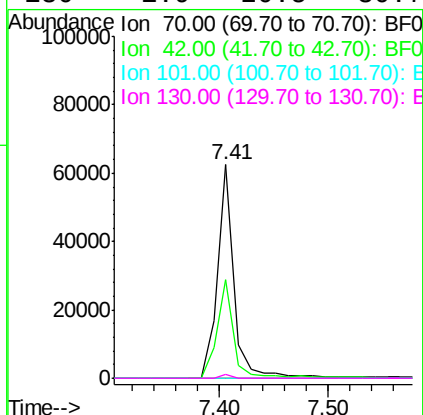




#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

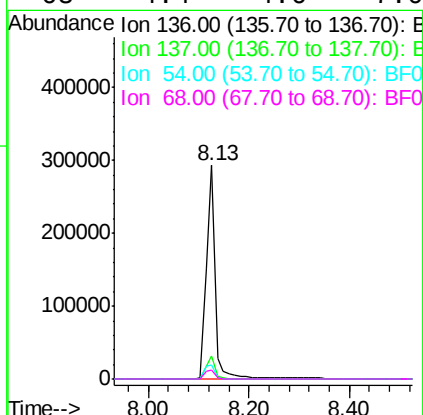
Instrument :
BNA_F
ClientSampleId :
A10COMP

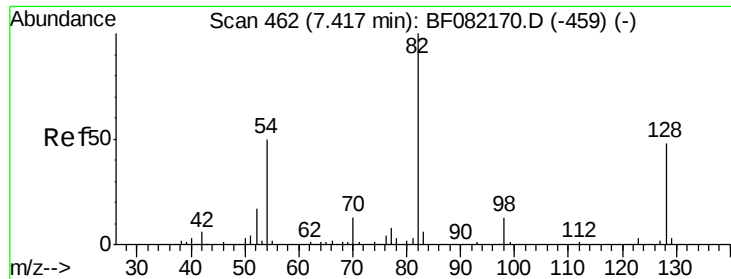
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	39.8	59.8
101	0.0	8.6	13.0#
130	1.9	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.4	7.5	11.3#
68	4.4	4.6	7.0#

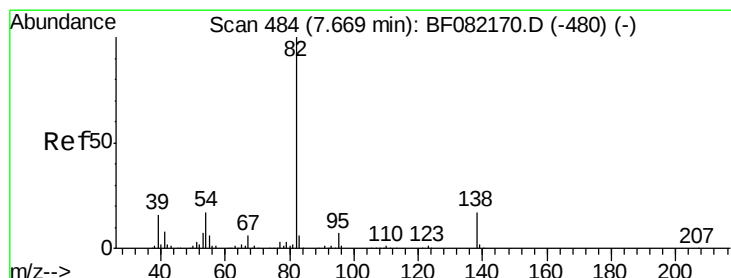
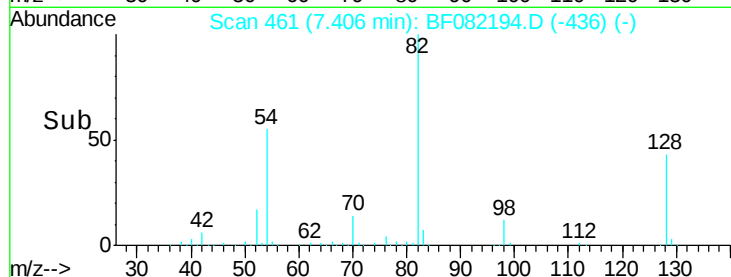
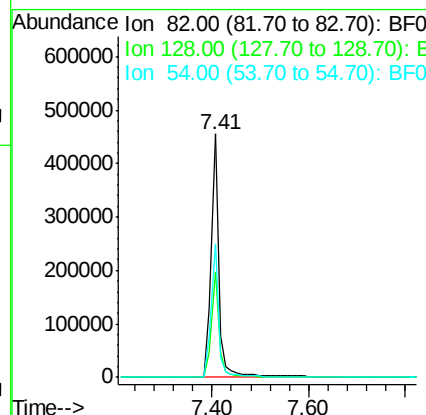
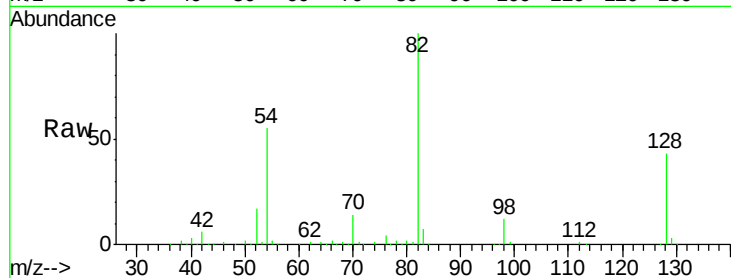




#23
Nitrobenzene-d5
Concen: 96.89 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

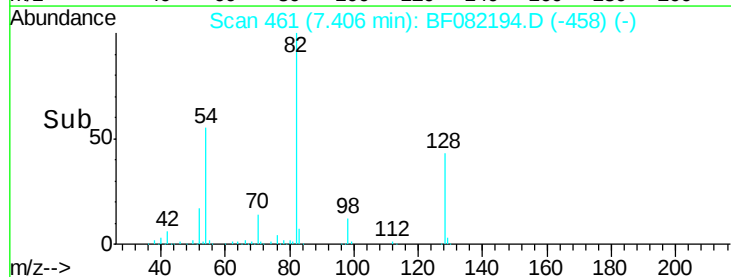
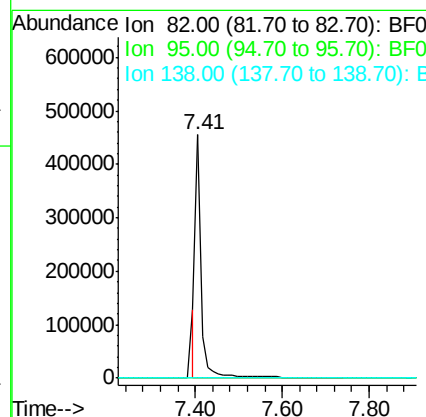
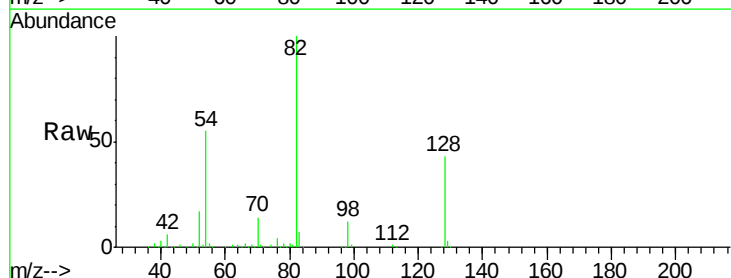
Instrument :
BNA_F
ClientSampleId :
A10COMP

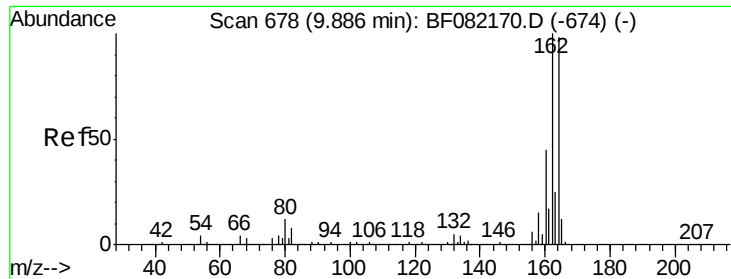
Tot Ion: 82 Resp: 518276
Ion Ratio Lower Upper
82 100
128 43.1 38.7 58.1
54 55.0 40.1 60.1



#25
Isophorone
Concen: 38.57 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

Tgt Ion: 82 Resp: 416445
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

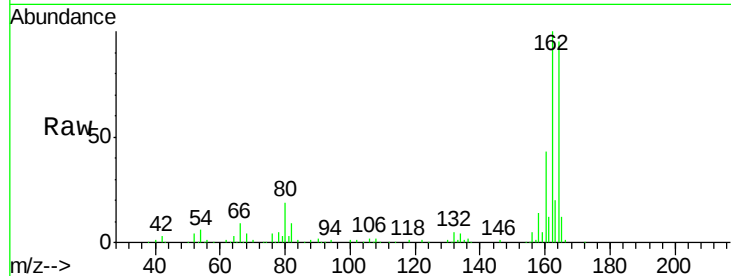
Tot Ion:164 Resp: 179423

Ion Ratio Lower Upper

164 100

162 105.5 81.6 122.4

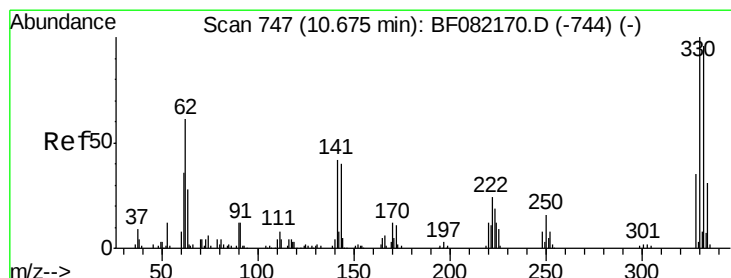
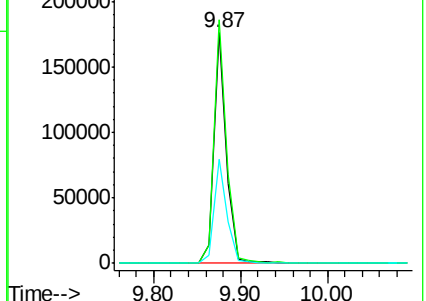
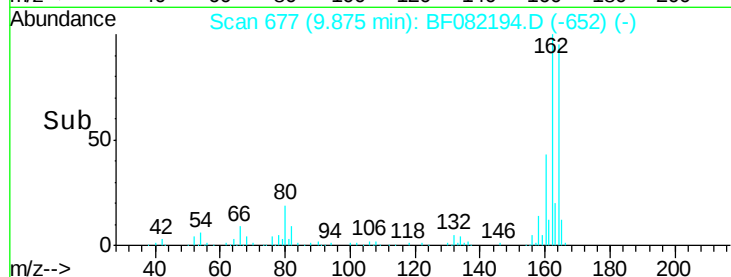
160 45.3 36.4 54.6



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: 164.30 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

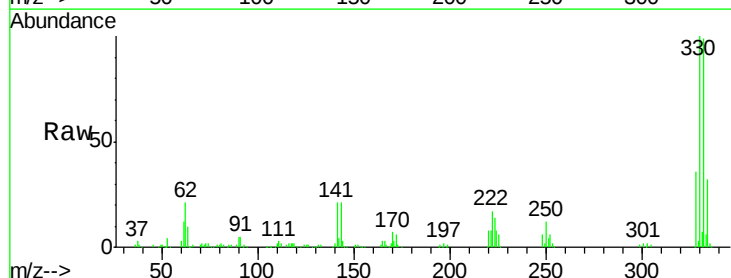
Tgt Ion:330 Resp: 276453

Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

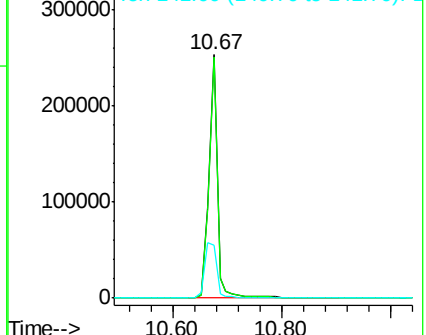
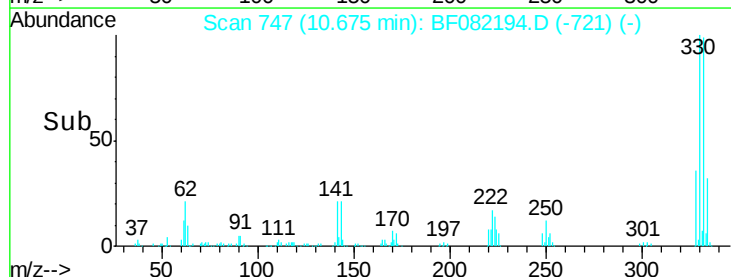
141 32.0 29.8 44.8

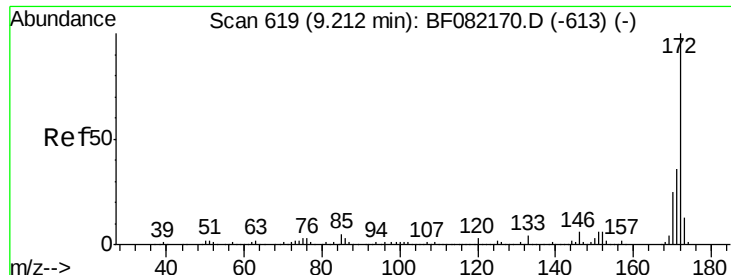


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

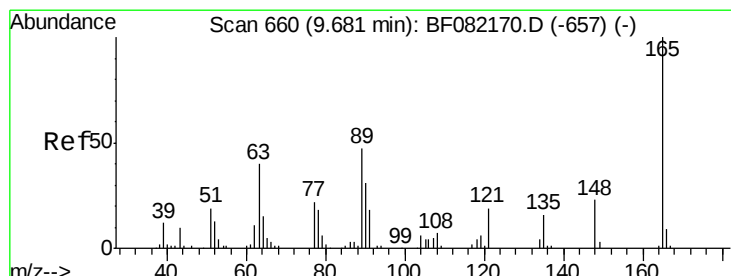
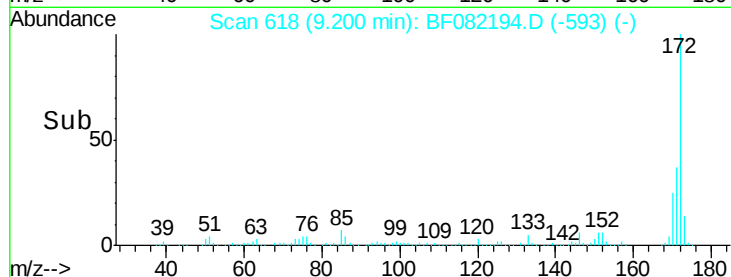
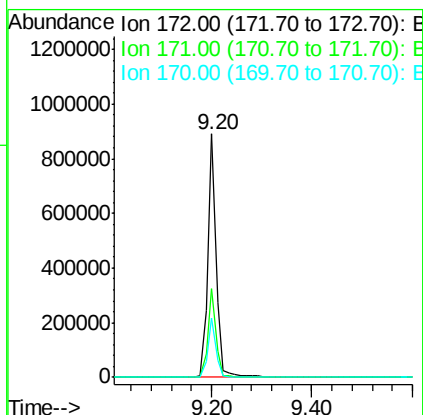
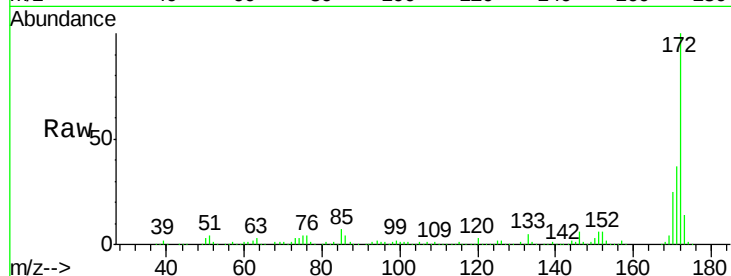




#44
 2-Fluorobiphenyl
 Concen: 95.83 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

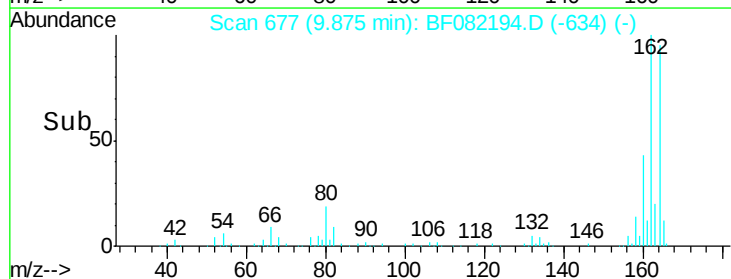
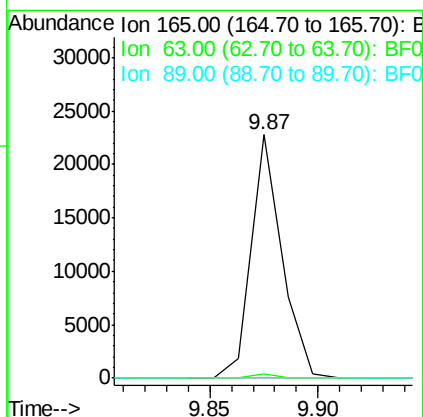
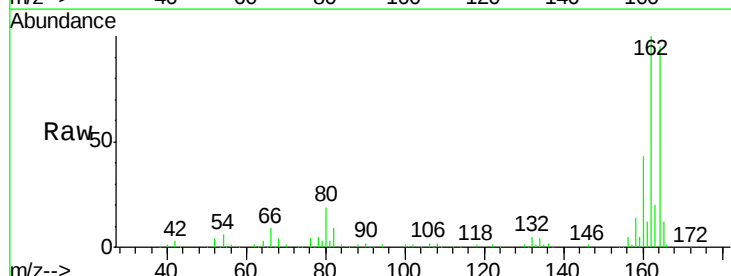
Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

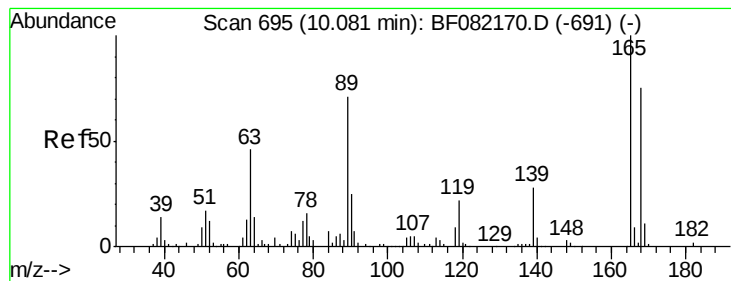
Tot Ion:172 Resp: 1036839
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 24.6 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

Tgt Ion:165 Resp: 22434
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 0.0 37.8 56.6#





#56

2,4-Dinitrotoluene

Concen: 6.73 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

Tot Ion:165 Resp: 22436

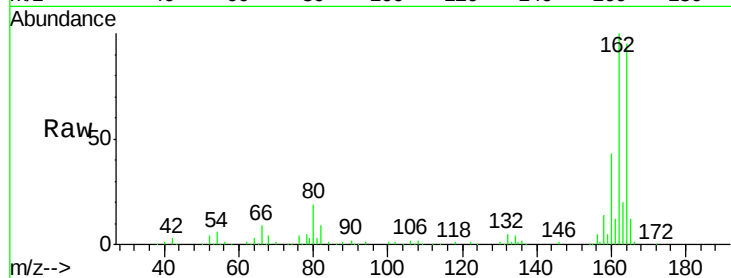
Ion Ratio Lower Upper

165 100

63 1.5 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

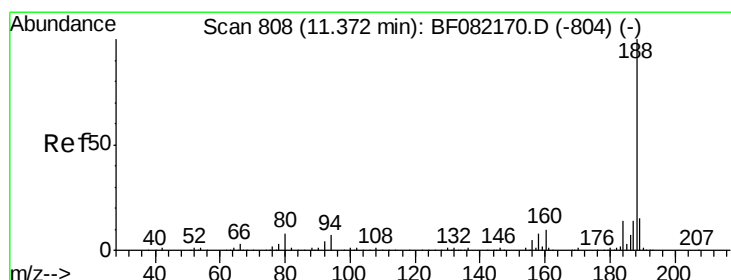
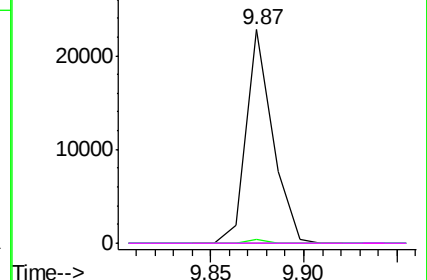
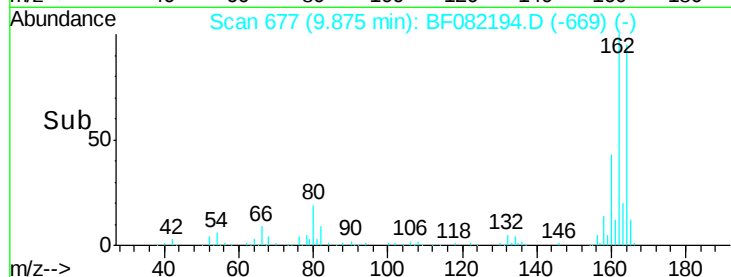


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

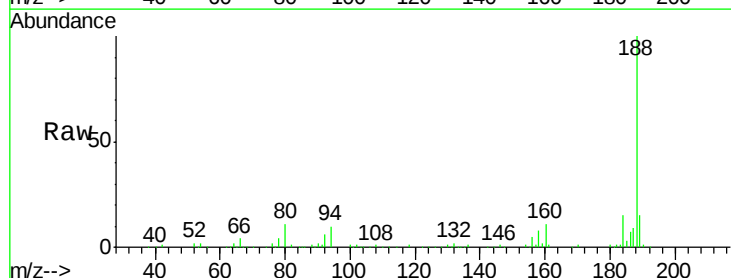
Tgt Ion:188 Resp: 365848

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.6#

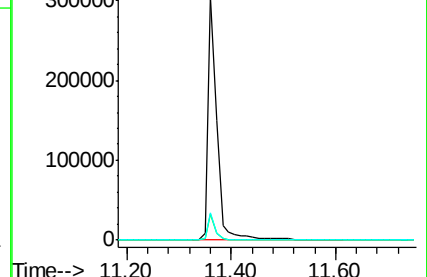
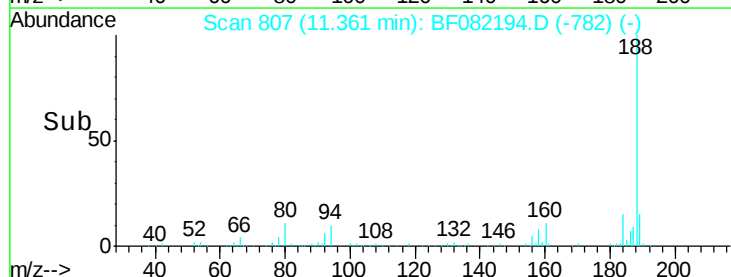
80 11.2 6.4 9.6#

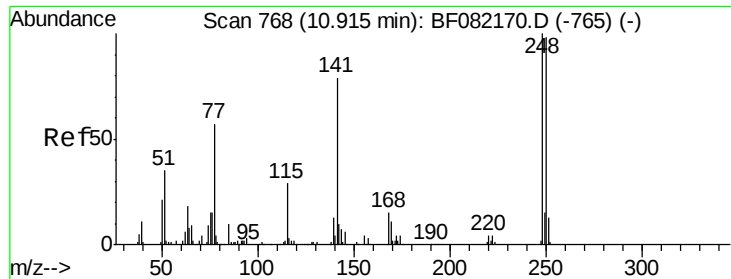


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

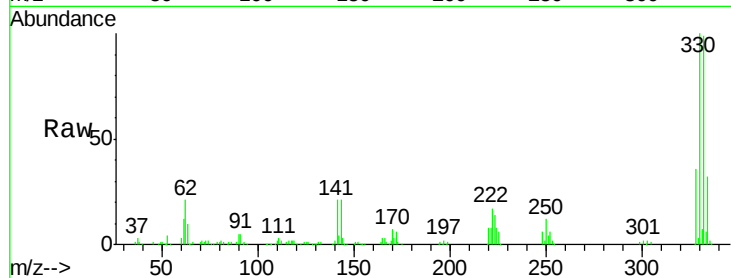




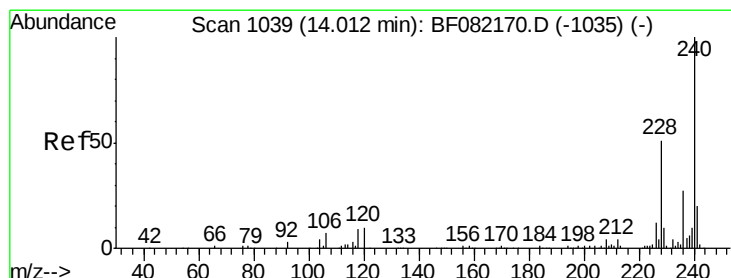
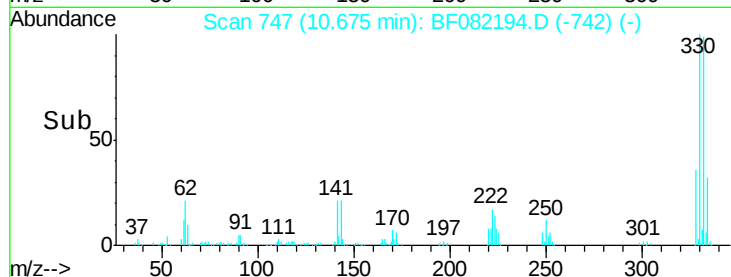
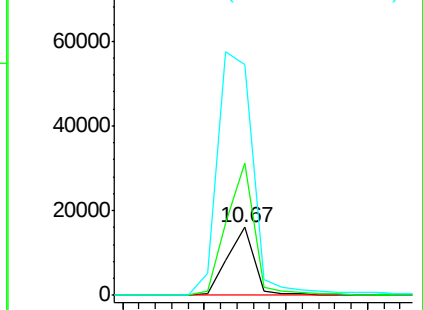
#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

Instrument :
BNA_F
ClientSampleId :
A10COMP

Tot Ion:248 Resp: 18111
Ion Ratio Lower Upper
248 100
250 195.5 78.6 117.8#
141 340.9 63.3 94.9#

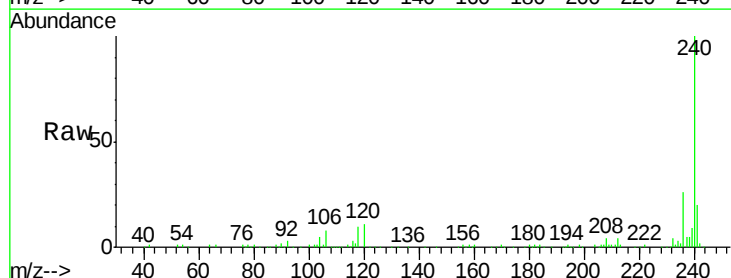


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

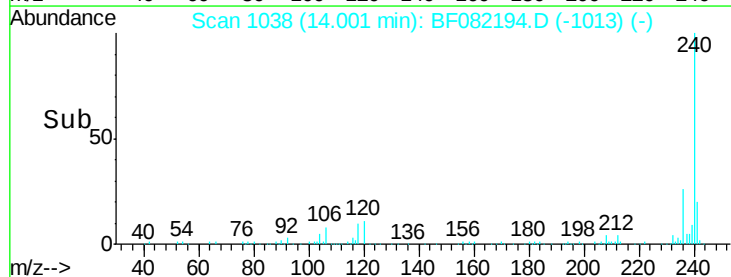
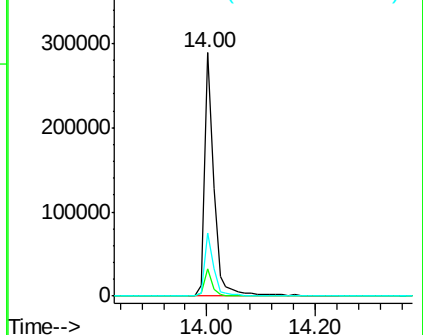


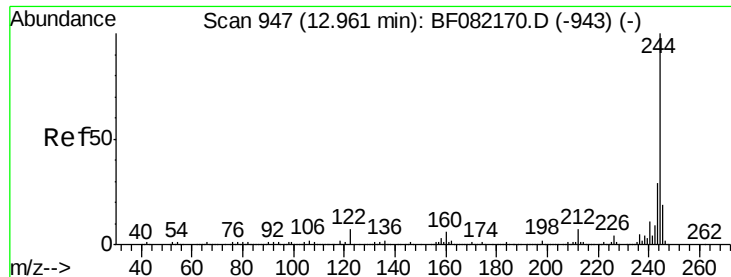
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

Tgt Ion:240 Resp: 344507
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 25.8 21.3 31.9



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: 98.99 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

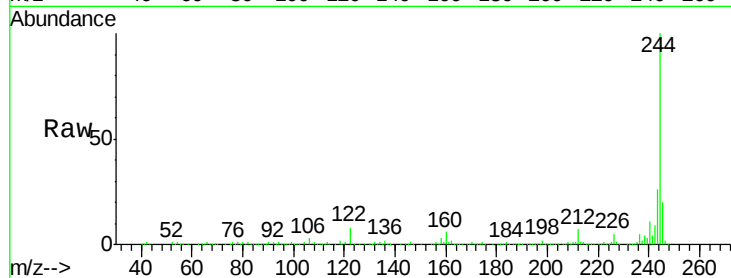
Tot Ion:244 Resp: 1286918

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

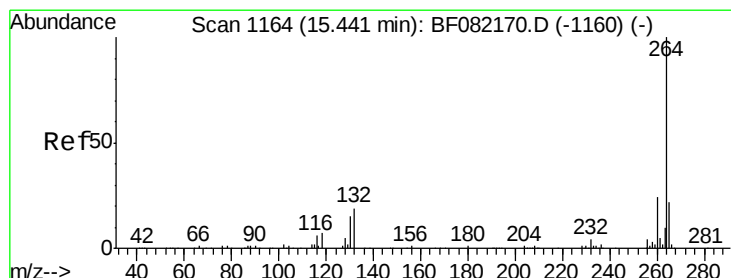
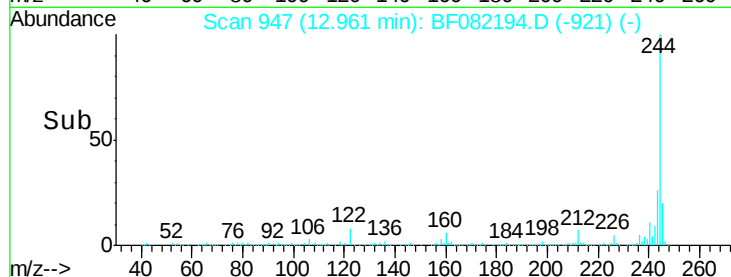
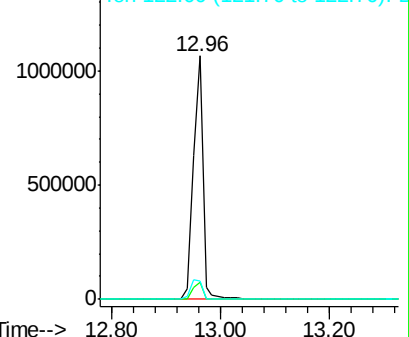
122 7.7 5.9 8.9



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: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

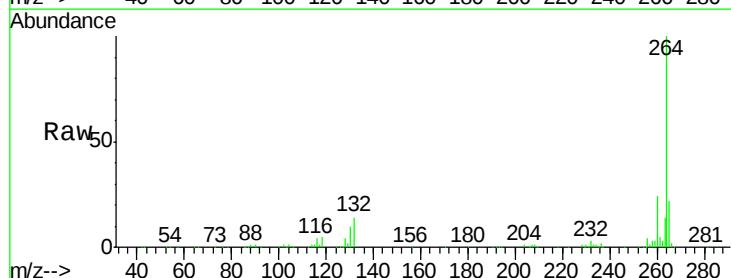
Tgt Ion:264 Resp: 258555

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.9 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

