

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082095.D
 Acq On : 6 Oct 2015 20:43
 Operator : UM/IZ
 Sample : G3905-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01

Quant Time: Oct 07 02:06:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

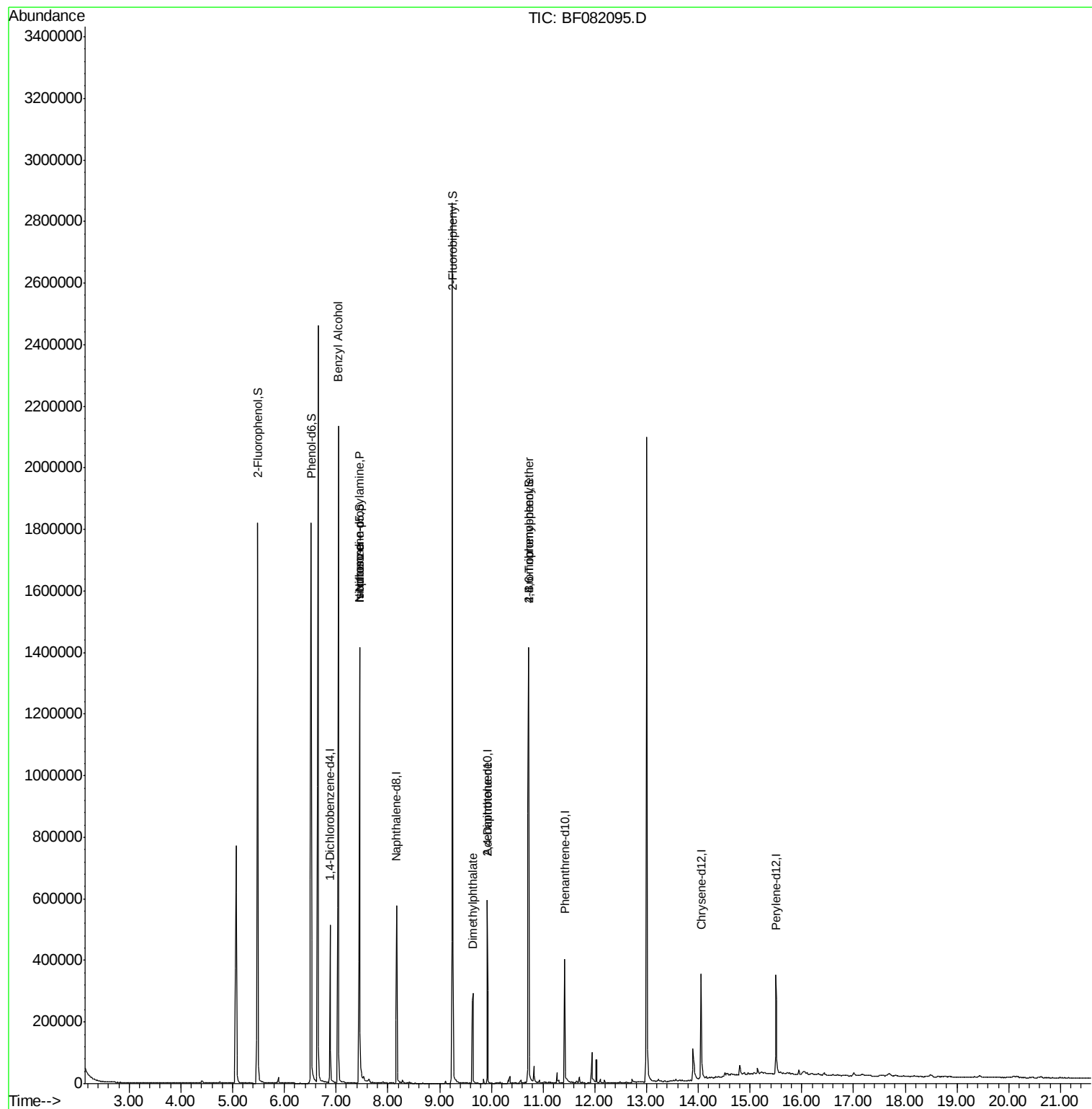
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	85550	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	314683	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	143431	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	263286	20.00	ng	0.00
75) Chrysene-d12	14.06	240	214699	20.00	ng	-0.01
86) Perylene-d12	15.50	264	193254	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	690662	146.55	ng	0.01
7) Phenol-d6	6.51	99	799473	134.82	ng	0.00
23) Nitrobenzene-d5	7.45	82	523685	110.93	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	233577	160.80	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	926669	116.28	ng	0.00
78) Terphenyl-d14	13.01	244	939077	-20.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.04	79	8995	2.10	ng	# 29
19) n-Nitroso-di-n-propylamine	7.45	70	69292	19.23	ng	# 56
25) Isophorone	7.45	82	422847	45.19	ng	# 58
49) Dimethylphthalate	9.65	163	199281	20.13	ng	# 96
56) 2,4-Dinitrotoluene	9.92	165	18315	6.68	ng	# 31
66) 4-Bromophenyl-phenylether	10.72	248	15317	5.77	ng	# 1
70) Phenanthrene	11.44	178	594	Below Cal		# 62
73) Di-n-butylphthalate	11.98	149	3474	Below Cal		# 78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082095.D

Acq: 6 Oct 2015 20:43

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

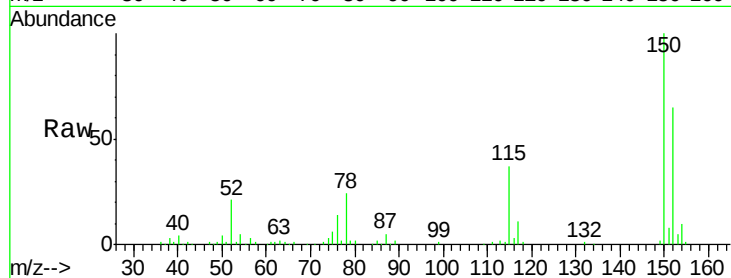
Tot Ion:152 Resp: 85550

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

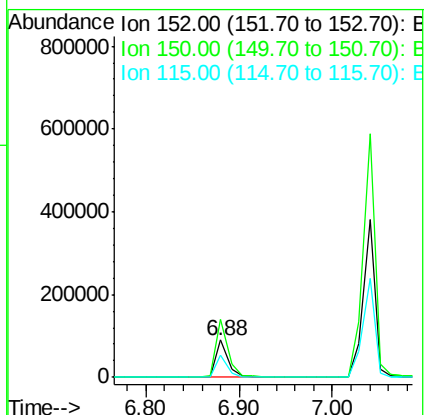
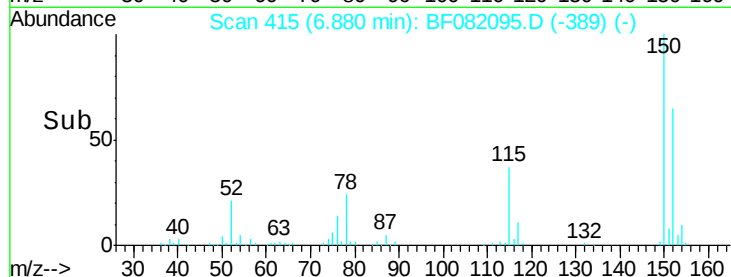
115 58.0 39.0 58.4



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: 146.55 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082095.D

Acq: 6 Oct 2015 20:43

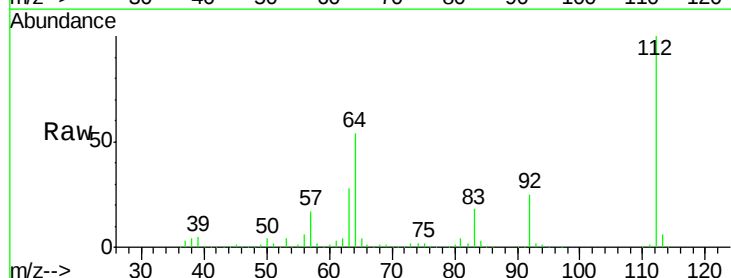
Tgt Ion:112 Resp: 690662

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

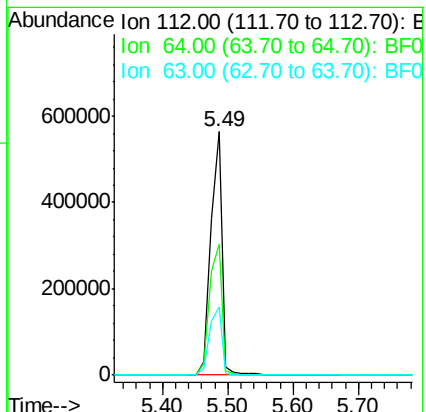
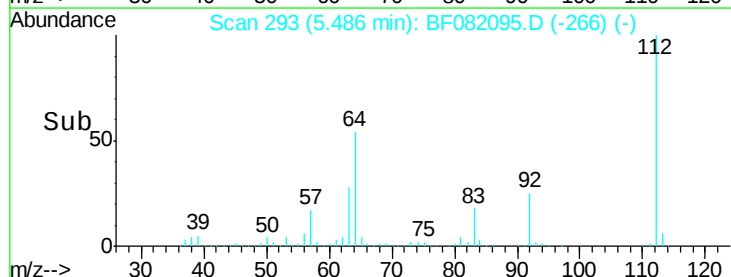
63 28.1 17.4 26.0#

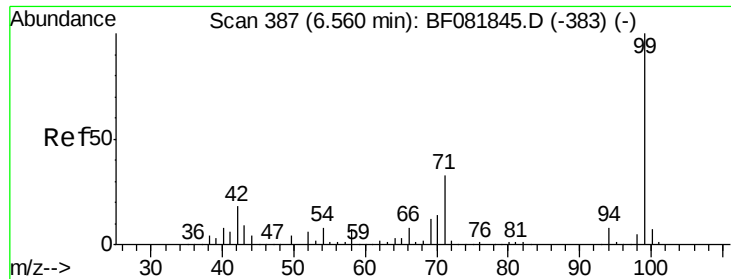


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.82 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082095.D

Acq: 6 Oct 2015 20:43

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

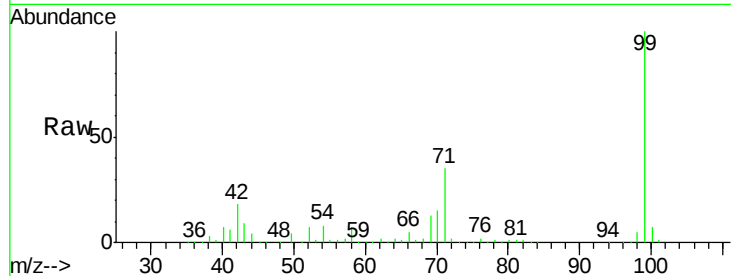
Tot Ion: 99 Resp: 799473

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

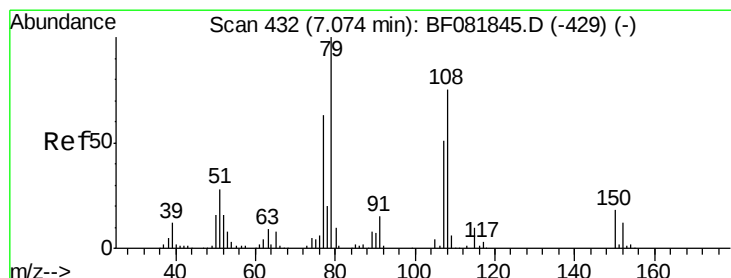
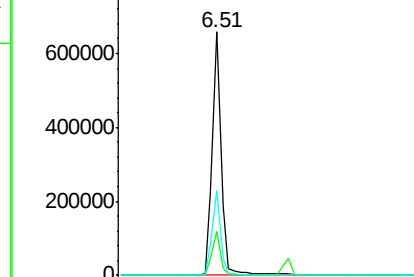
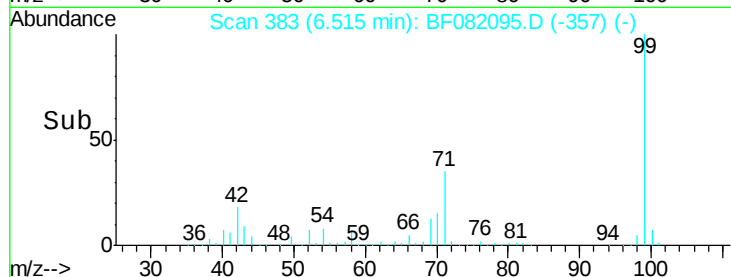
71 34.6 14.2 21.2#



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: 2.10 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF082095.D

Acq: 6 Oct 2015 20:43

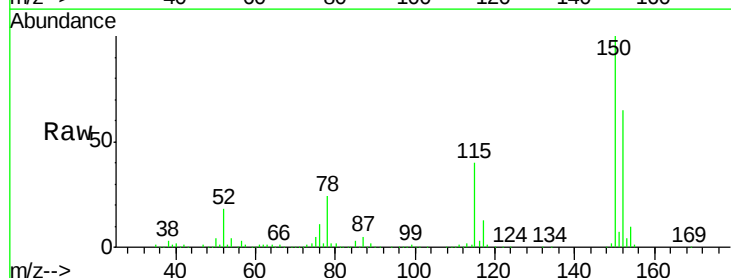
Tgt Ion: 79 Resp: 8995

Ion Ratio Lower Upper

79 100

108 31.5 88.6 132.8#

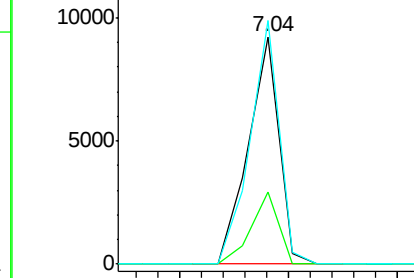
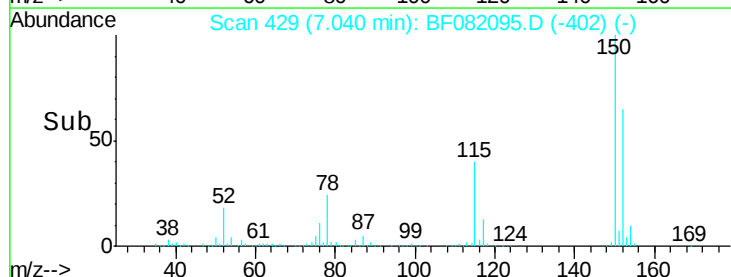
77 107.1 47.0 70.4#

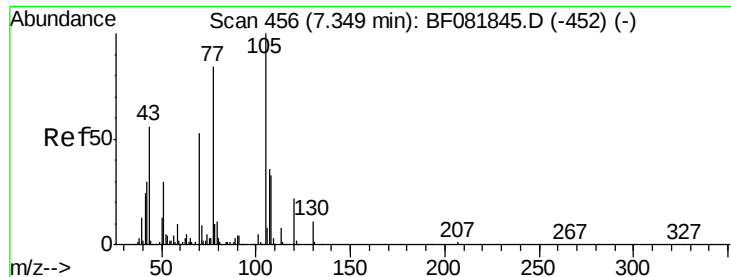


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

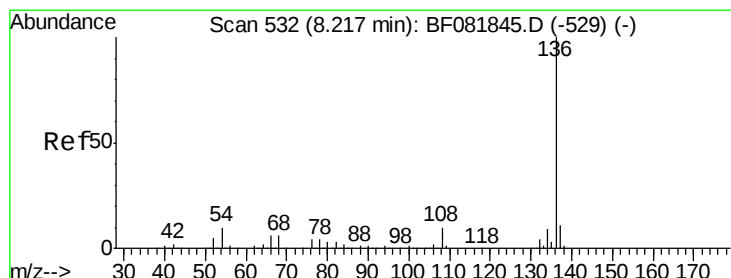
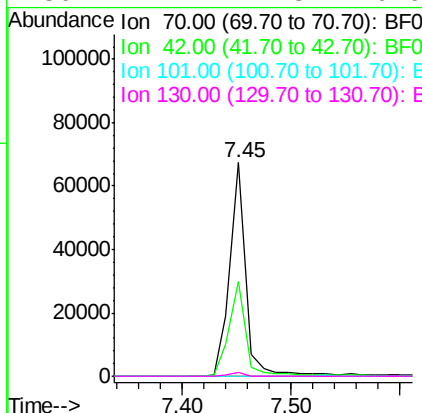
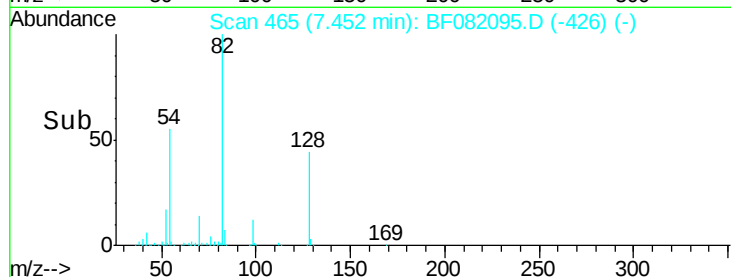
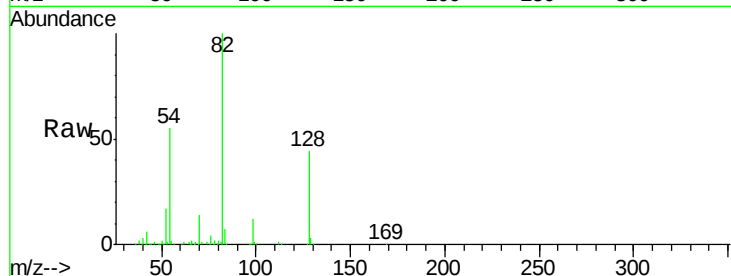




#19
n-Nitroso-di-n-propylamine
Concen: 19.23 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF082095.D
Acq: 6 Oct 2015 20:43

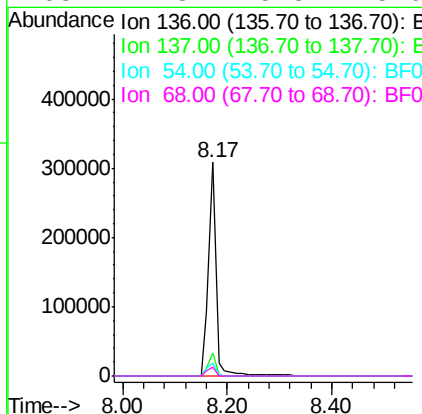
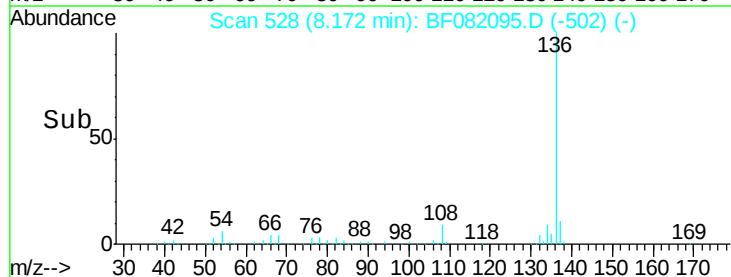
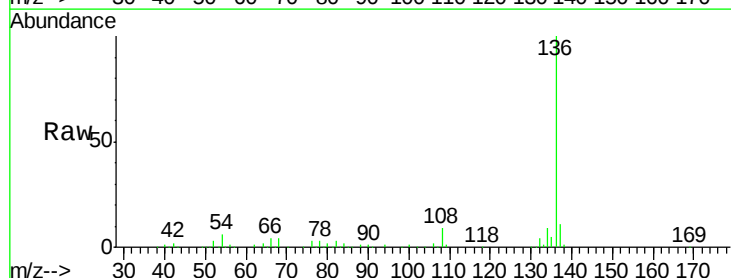
Instrument :
BNA_F
ClientSampleId :
P001-BF005-01

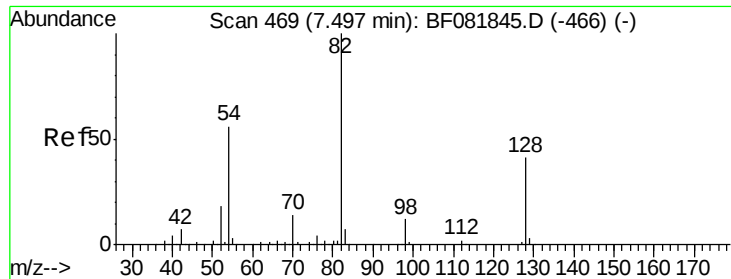
Tot Ion: 70 Resp: 69292
Ion Ratio Lower Upper
70 100
42 44.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082095.D
Acq: 6 Oct 2015 20:43

Tgt Ion: 136 Resp: 314683
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 6.1 8.2 12.2#
68 4.3 5.8 8.6#

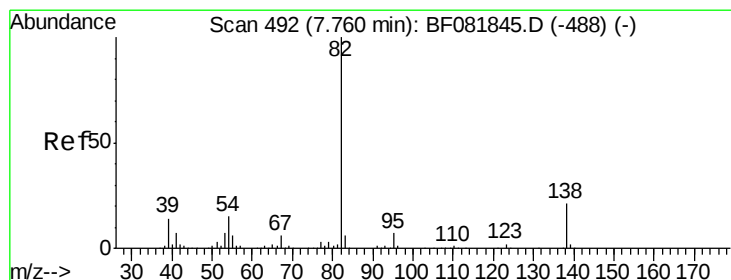
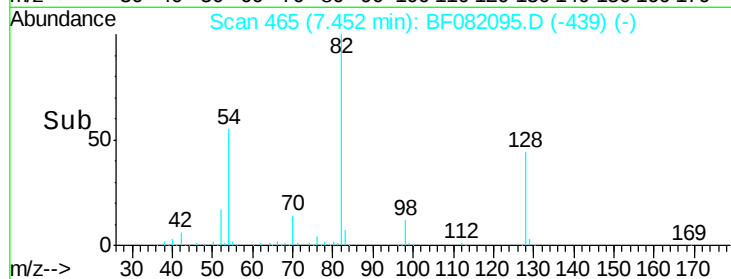
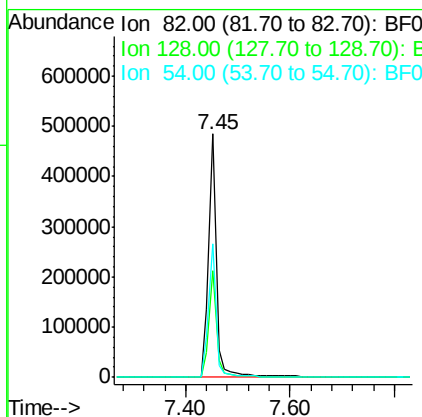
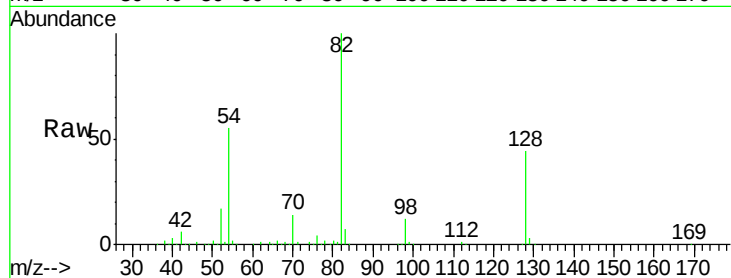




#23
 Nitrobenzene-d5
 Concen: 110.93 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082095.D
 Acq: 6 Oct 2015 20:43

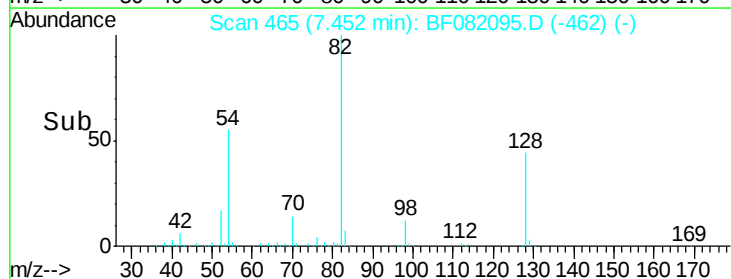
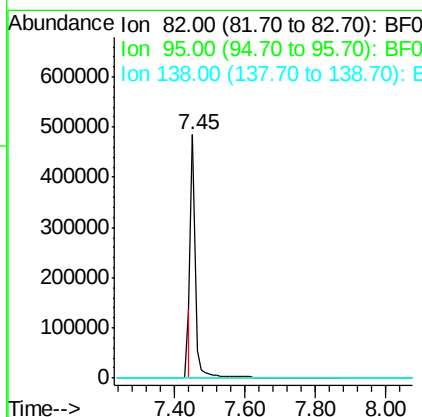
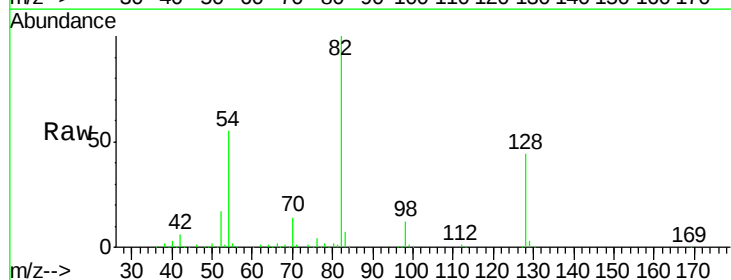
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01

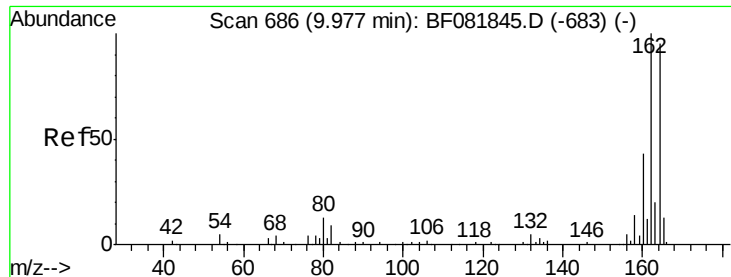
Tot Ion: 82 Resp: 523685
 Ion Ratio Lower Upper
 82 100
 128 43.7 51.0 76.6#
 54 54.7 47.5 71.3



#25
 Isophorone
 Concen: 45.19 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.26 min
 Lab File: BF082095.D
 Acq: 6 Oct 2015 20:43

Tgt Ion: 82 Resp: 422847
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

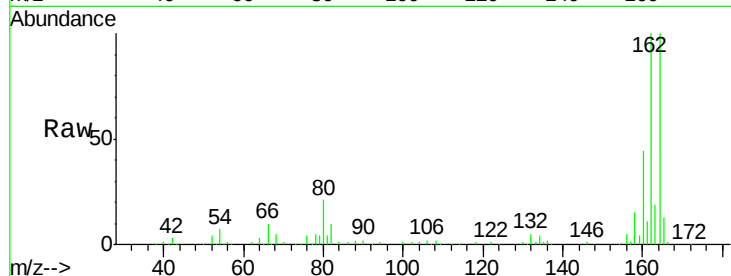




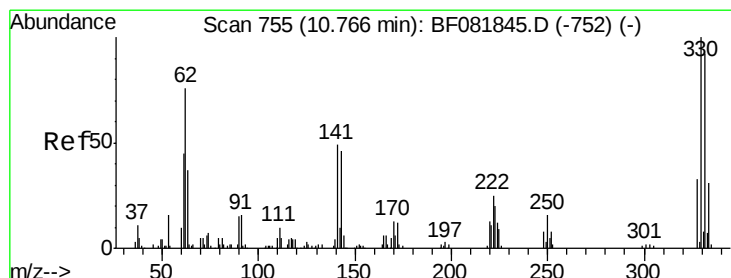
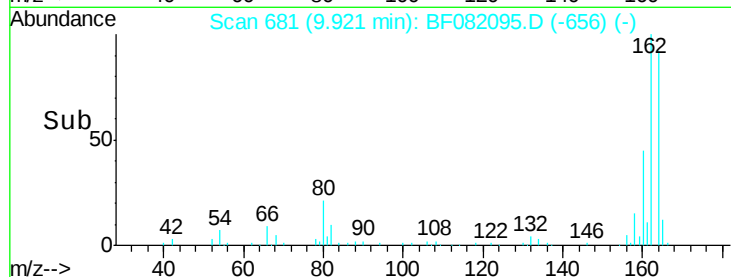
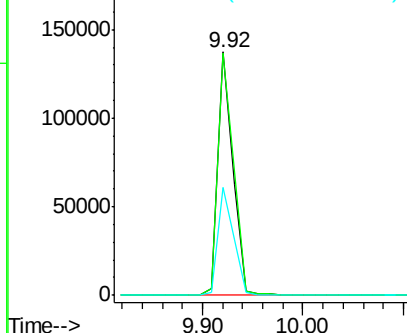
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF082095.D
Acq: 6 Oct 2015 20:43

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01

Tot Ion:164 Resp: 143431
Ion Ratio Lower Upper
164 100
162 99.8 75.2 112.8
160 44.4 31.5 47.3

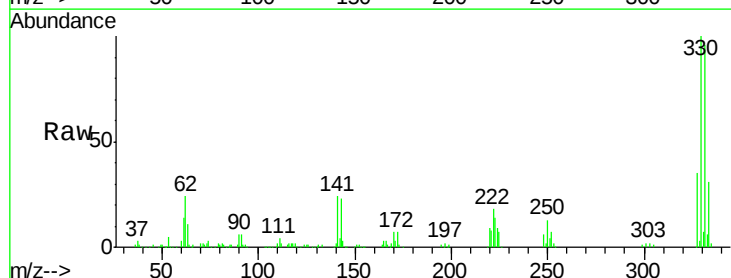


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

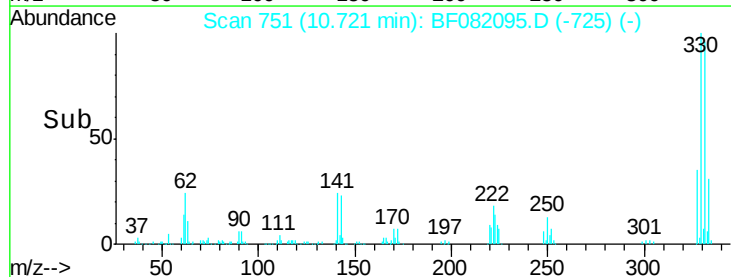
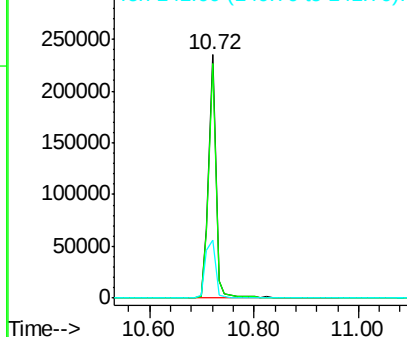


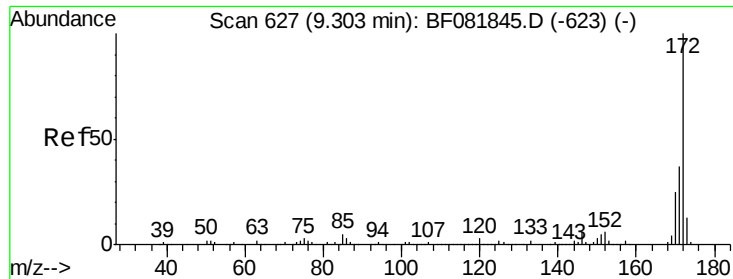
#41
2,4,6-Tribromophenol
Concen: 160.80 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF082095.D
Acq: 6 Oct 2015 20:43

Tgt Ion:330 Resp: 233577
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 33.1 29.7 44.5



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

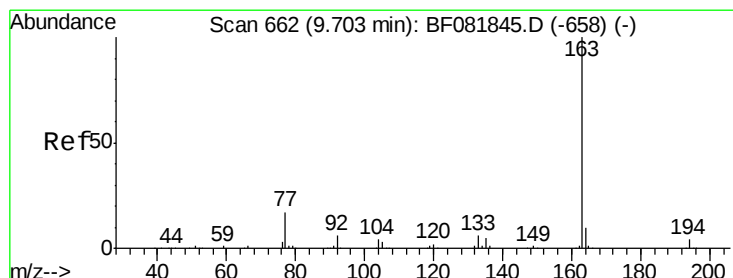
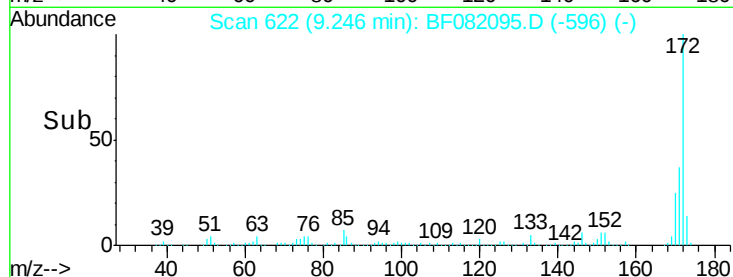
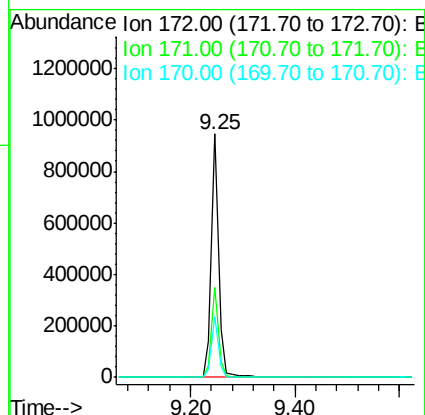
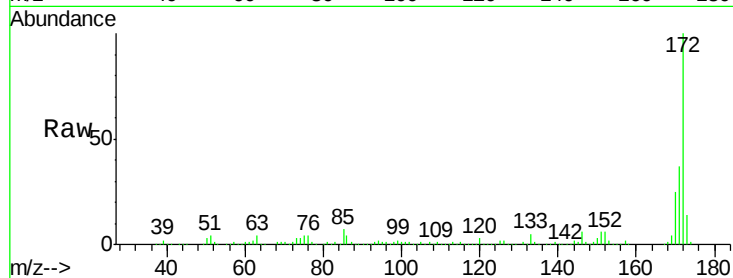




#44
2-Fluorobiphenyl
Concen: 116.28 ng
RT: 9.25 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF082095.D
Acq: 6 Oct 2015 20:43

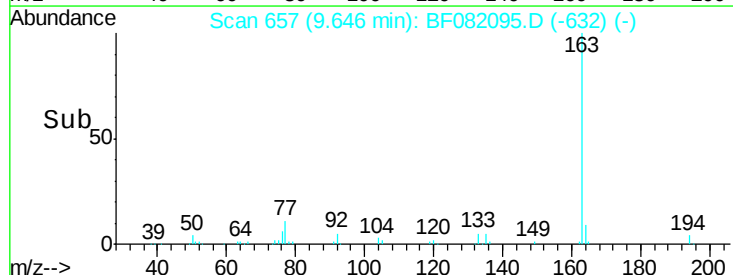
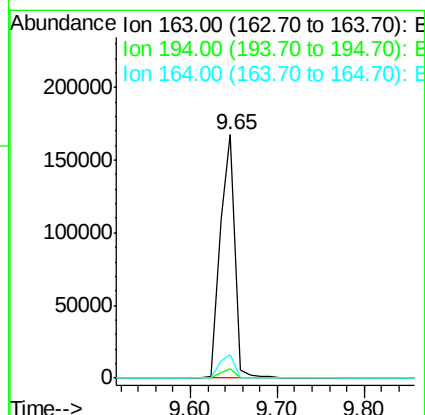
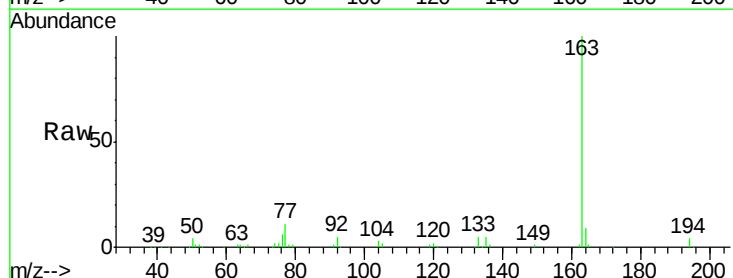
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BNA_F
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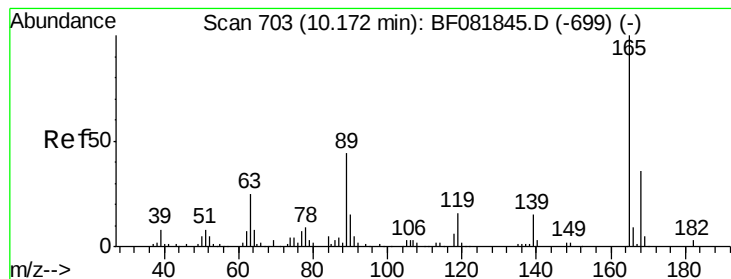
Tot Ion:172 Resp: 926669
Ion Ratio Lower Upper
172 100
171 36.8 26.1 39.1
170 24.8 17.4 26.2



#49
Dimethylphthalate
Concen: 20.13 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082095.D
Acq: 6 Oct 2015 20:43

Tgt Ion:163 Resp: 199281
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.4 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082095.D

Acq: 6 Oct 2015 20:43

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

Tot Ion:165 Resp: 18315

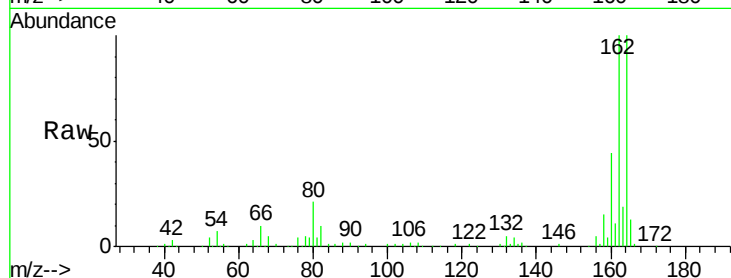
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

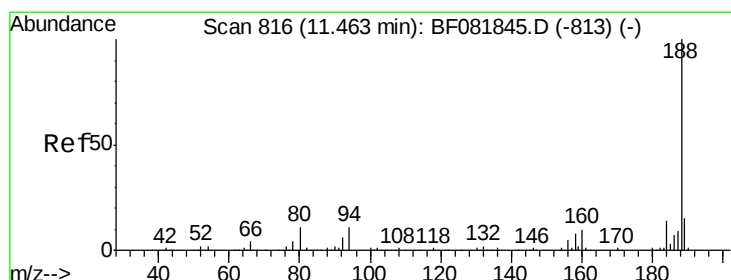
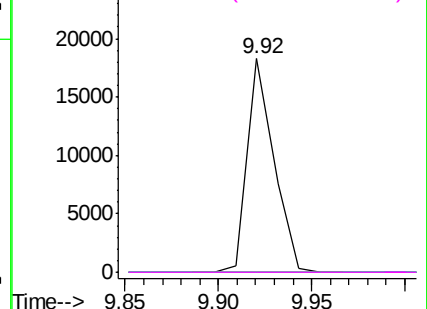
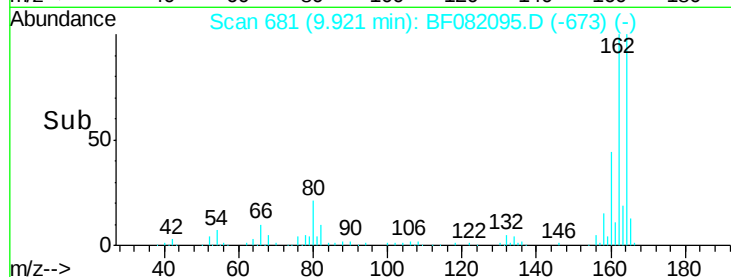


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF082095.D

Acq: 6 Oct 2015 20:43

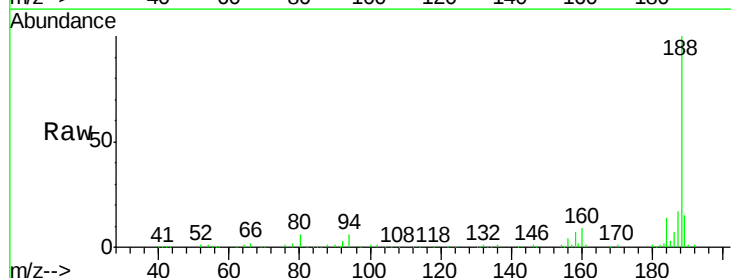
Tgt Ion:188 Resp: 263286

Ion Ratio Lower Upper

188 100

94 5.6 11.1 16.7#

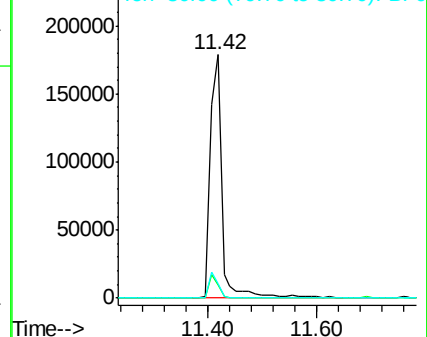
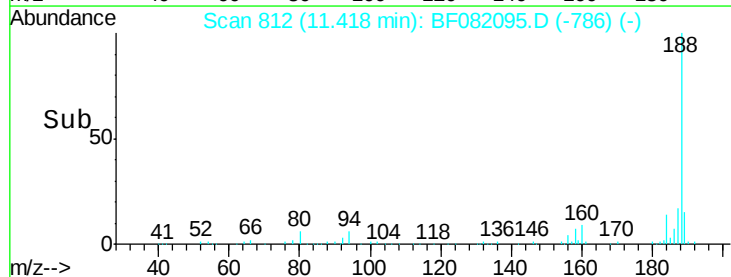
80 6.0 11.0 16.4#

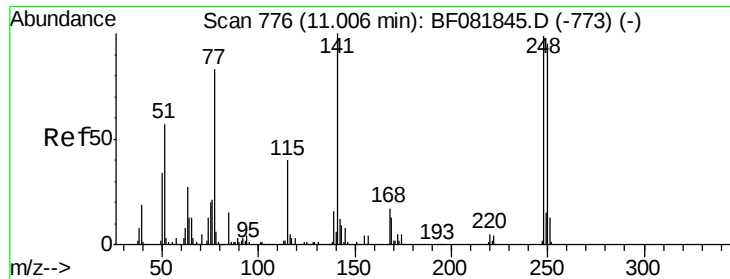


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

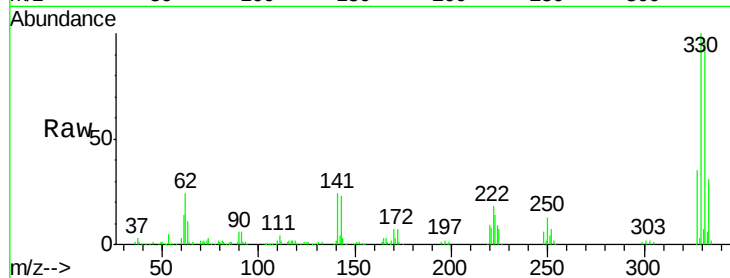




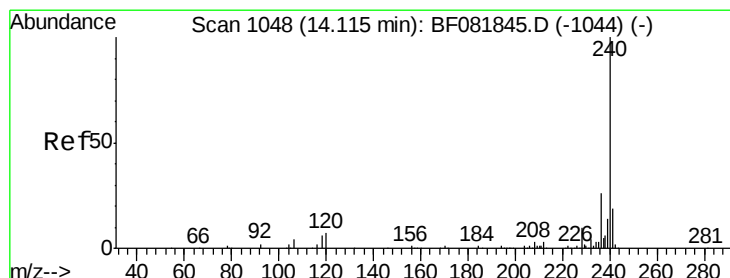
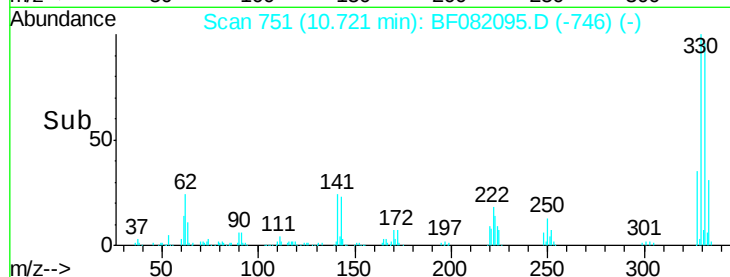
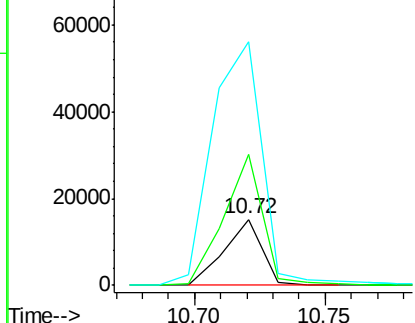
#66
 4-Bromophenyl-phenylether
 Concen: 5.77 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF082095.D
 Acq: 6 Oct 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01

Tot Ion:248 Resp: 15317
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.5 117.7#
 141 370.8 59.0 88.6#

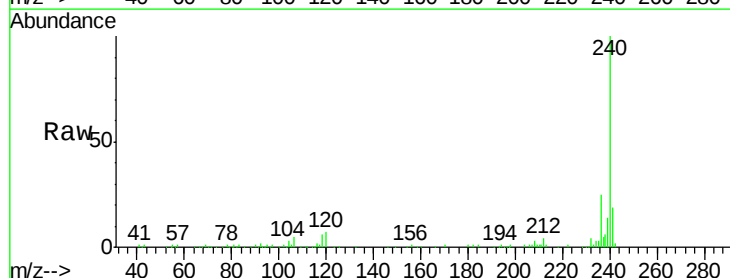


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

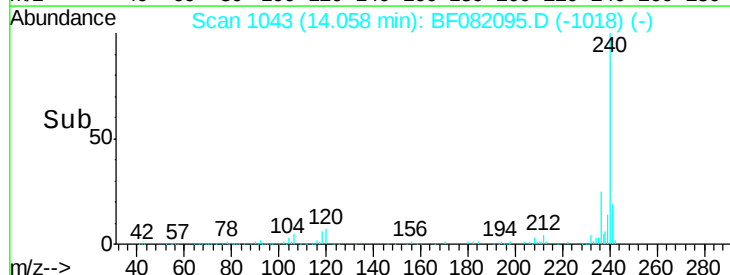
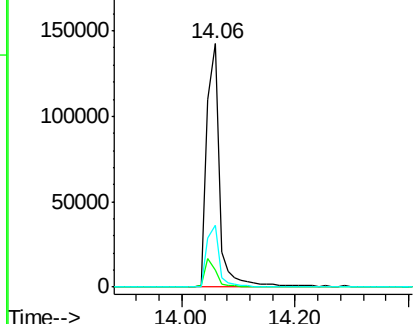


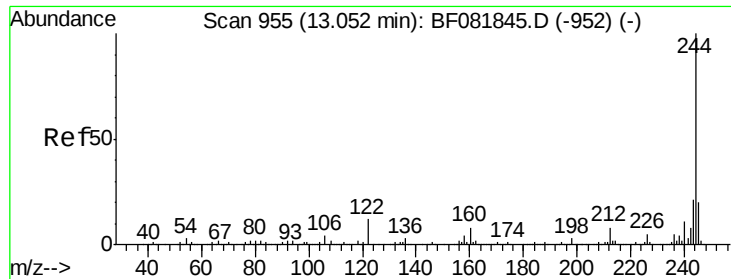
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082095.D
 Acq: 6 Oct 2015 20:43

Tgt Ion:240 Resp: 214699
 Ion Ratio Lower Upper
 240 100
 120 6.8 16.2 24.2#
 236 25.2 18.4 27.6



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

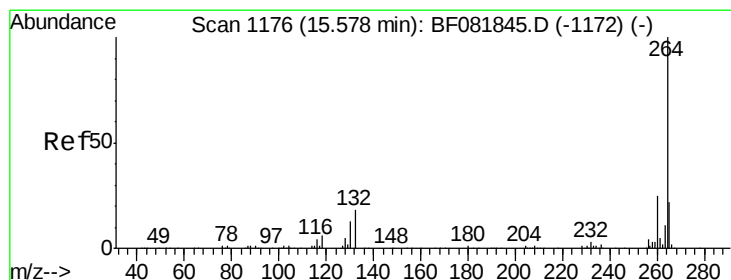
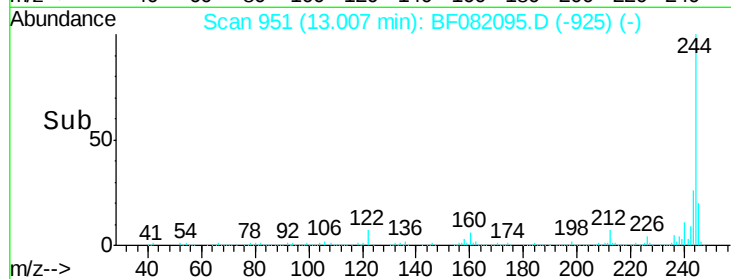
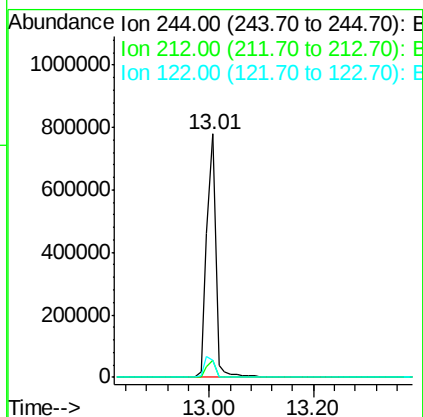
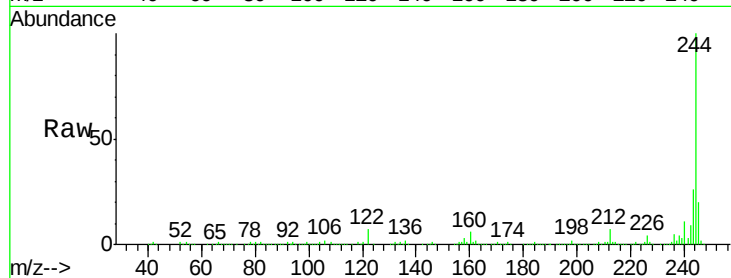




#78
 Terphenyl-d14
 Concen: -20.00 ng
 RT: 13.01 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF082095.D
 Acq: 6 Oct 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01

Tot Ion:244 Resp: 939077
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.3 6.5#
 122 7.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082095.D
 Acq: 6 Oct 2015 20:43

Tgt Ion:264 Resp: 193254
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 22.5 17.2 25.8

