

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075711.D
 Acq On : 20 Nov 2014 14:50
 Operator : TP / JJ
 Sample : F4693-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:09:22 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

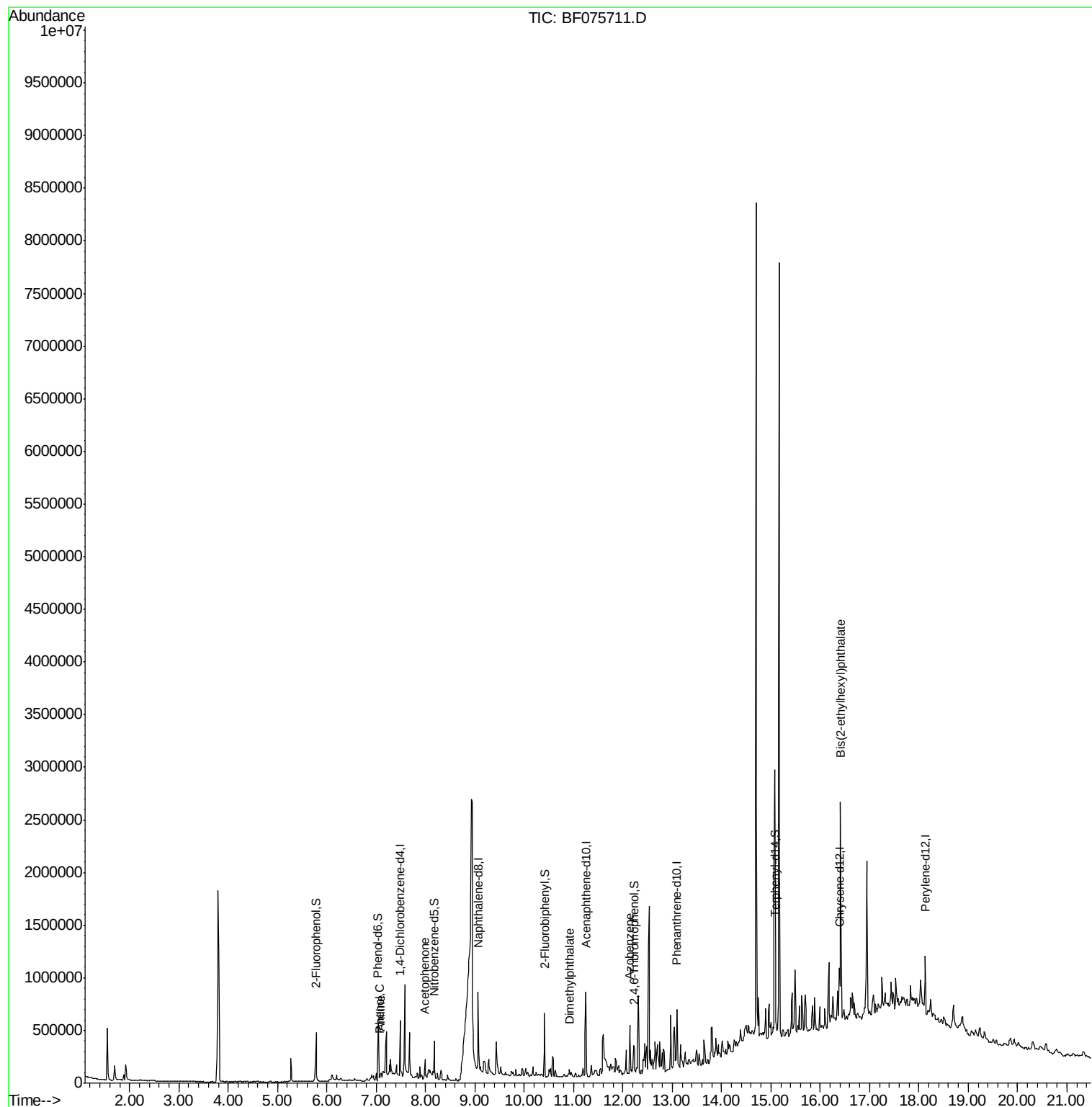
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	78624	20.00	ng	0.00
21) Naphthalene-d8	9.06	136	328003	20.00	ng	0.00
38) Acenaphthene-d10	11.25	164	166310	20.00	ng	0.00
63) Phenanthrene-d10	13.09	188	266866	20.00	ng	0.00
75) Chrysene-d12	16.39	240	265074	20.00	ng	0.00
86) Perylene-d12	18.13	264	252342	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	147308	29.11	ng	0.00
7) Phenol-d6	7.04	99	178806	29.05	ng	0.00
23) Nitrobenzene-d5	8.17	82	105195	19.69	ng	0.00
41) 2,4,6-Tribromophenol	12.23	330	39099	28.84	ng	0.00
44) 2-Fluorobiphenyl	10.41	172	211313	19.89	ng	0.00
78) Terphenyl-d14	15.09	244	190259	17.95	ng	0.00
Target Compounds						
6) Aniline	7.09	93	40454	4.44	ng	Qvalue 95
10) Phenol	7.06	94	16531	2.12	ng	90
22) Acetophenone	7.99	105	64818	8.18	ng	# 93
49) Dimethylphthalate	10.92	163	30770	2.53	ng	98
62) Azobenzene	12.14	77	95345	8.39	ng	# 1
76) Benzidine	14.75	184	1320	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	16.41	149	593341	56.96	ng	# 99

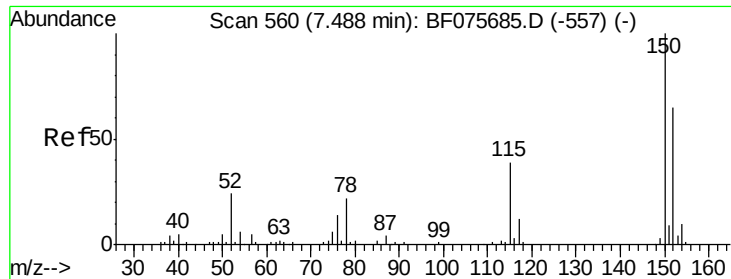
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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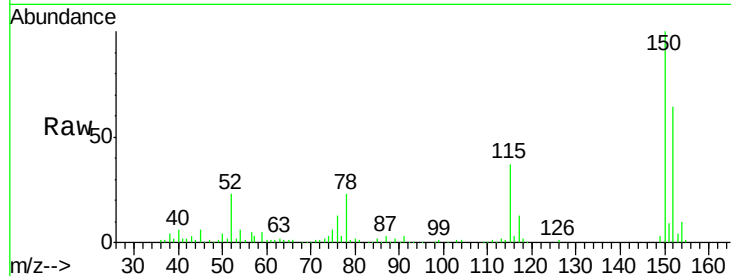


#1

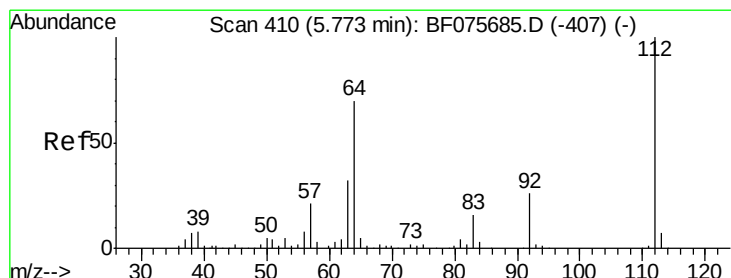
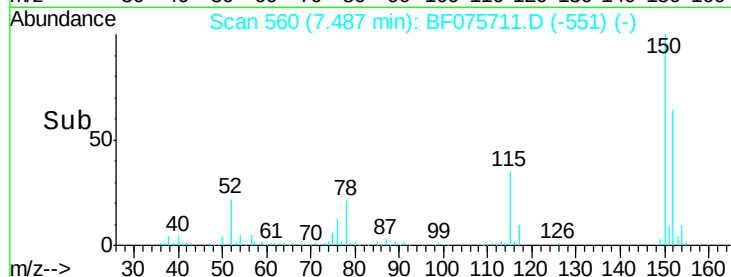
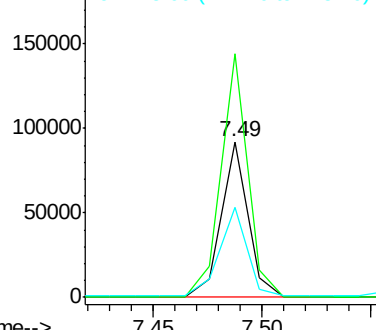
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78624
Ion Ratio Lower Upper
152 100
150 156.1 127.2 190.8
115 57.5 57.1 85.7



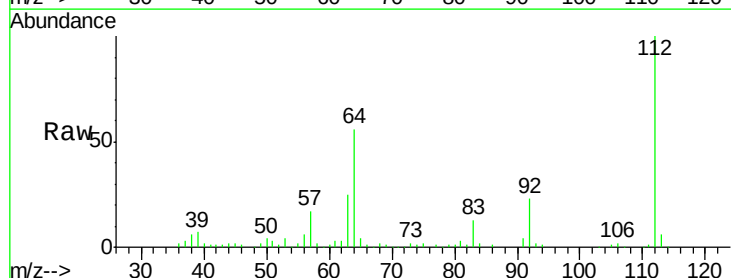
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



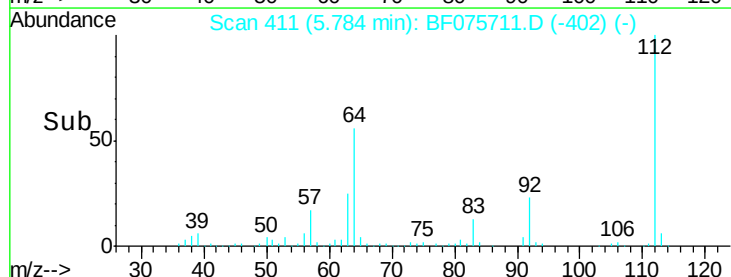
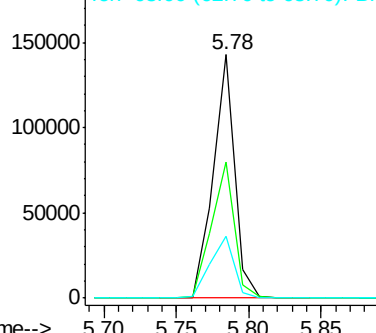
#5

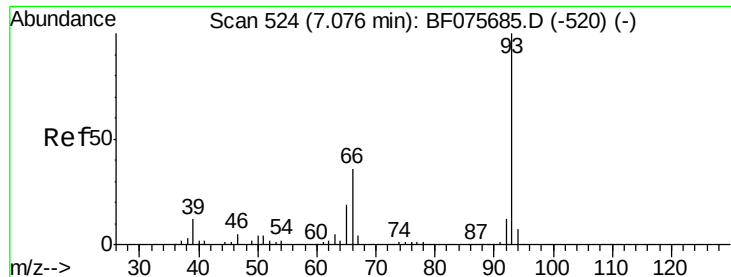
2-Fluorophenol
Concen: 29.11 ng
RT: 5.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Tgt Ion:112 Resp: 147308
Ion Ratio Lower Upper
112 100
64 56.1 45.8 68.6
63 25.4 22.7 34.1



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





#6

Aniline

Concen: 4.44 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

Instrument :

BNA_F

ClientSampled :

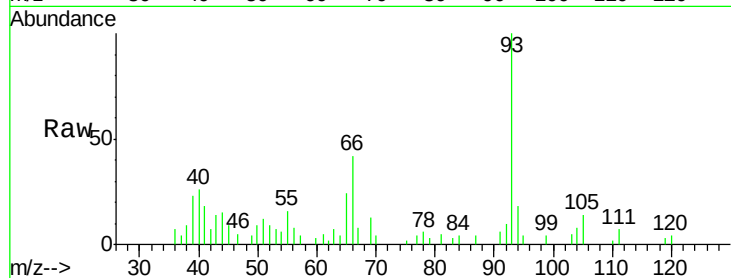
Tot Ion: 93 Resp: 40454

Ion Ratio Lower Upper

93 100

66 42.3 31.8 47.8

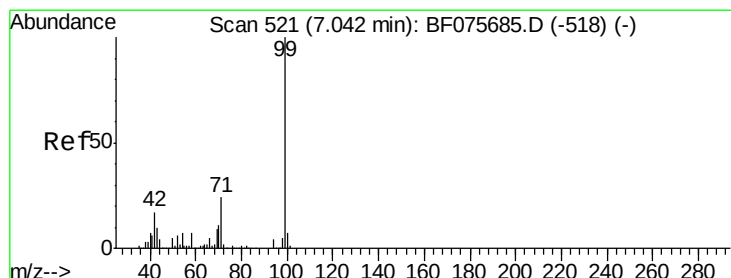
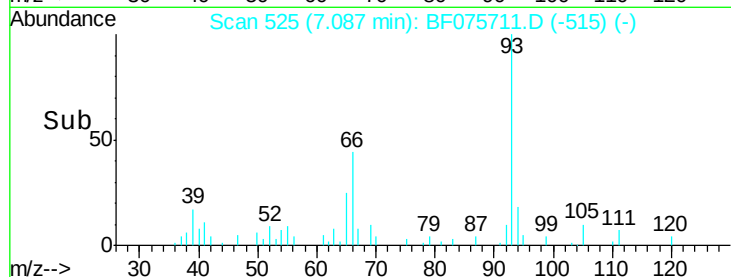
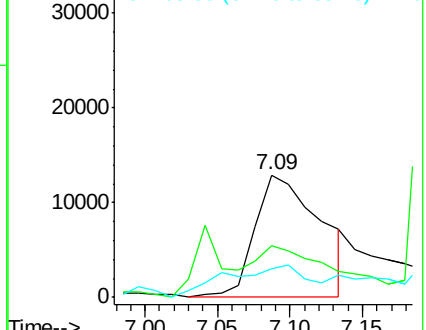
65 23.7 16.6 25.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 29.05 ng

RT: 7.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

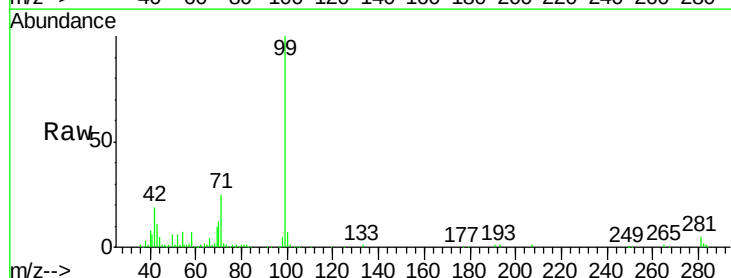
Tgt Ion: 99 Resp: 178806

Ion Ratio Lower Upper

99 100

42 18.9 19.8 29.6#

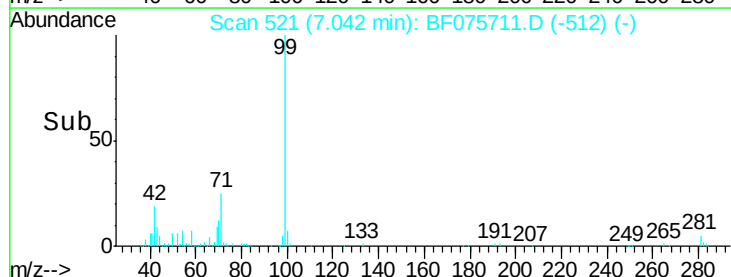
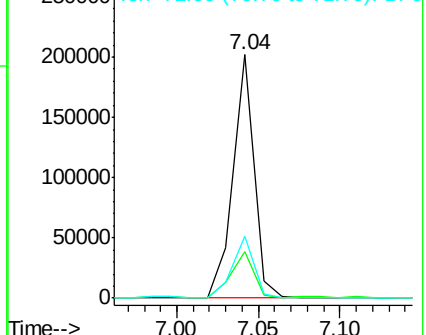
71 25.4 25.5 38.3#

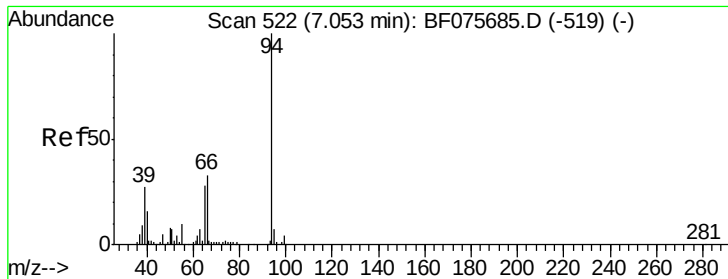


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.12 ng

RT: 7.06 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

Instrument :

BNA_F

ClientSampleId :

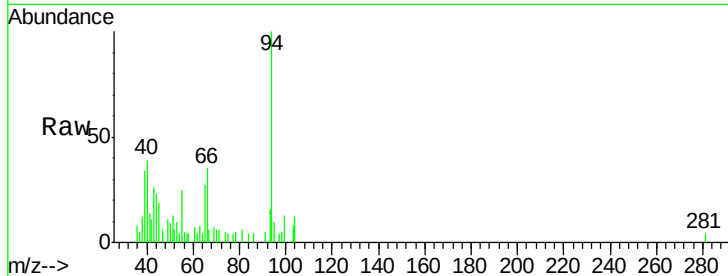
Tot Ion: 94 Resp: 16531

Ion Ratio Lower Upper

94 100

65 26.8 13.1 53.1

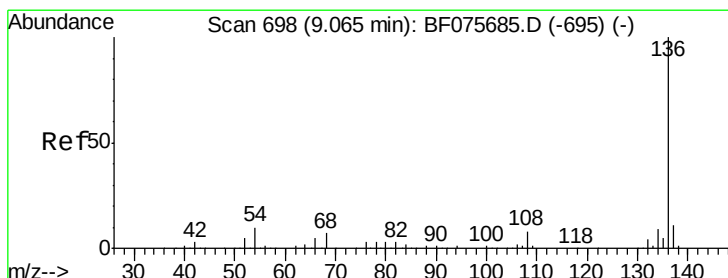
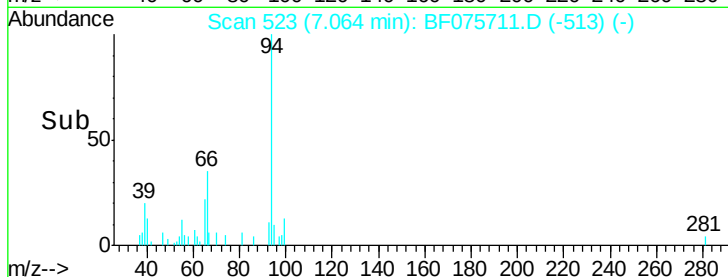
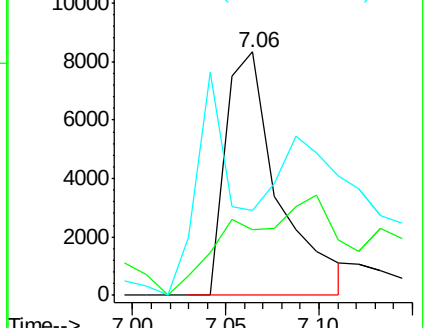
66 34.7 20.8 60.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

Tgt Ion: 136 Resp: 328003

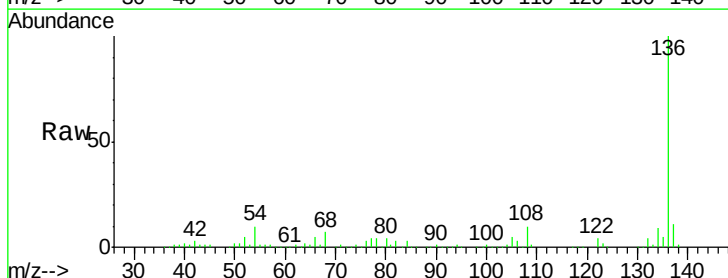
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 10.0 6.2 9.4#

68 7.2 3.4 5.2#

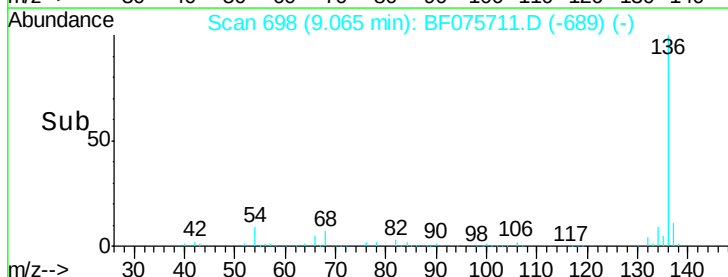
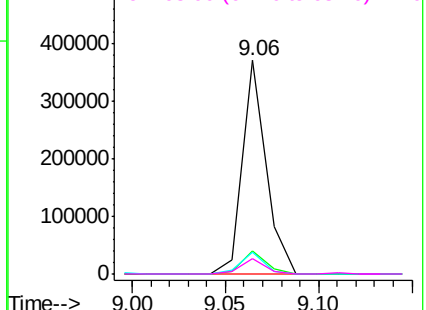


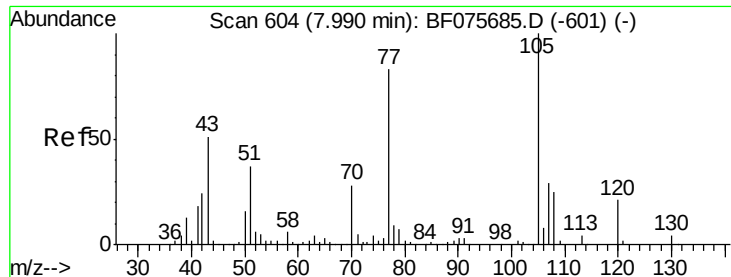
Abundance Ion 136.00 (135.70 to 136.70): E

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

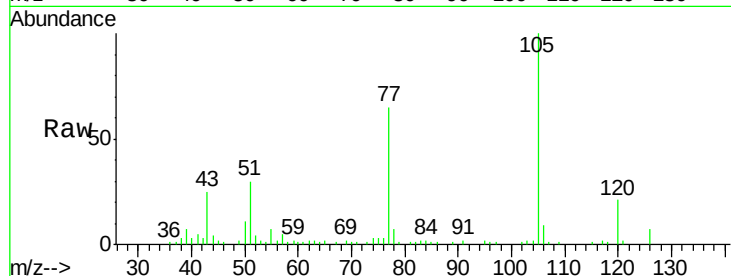




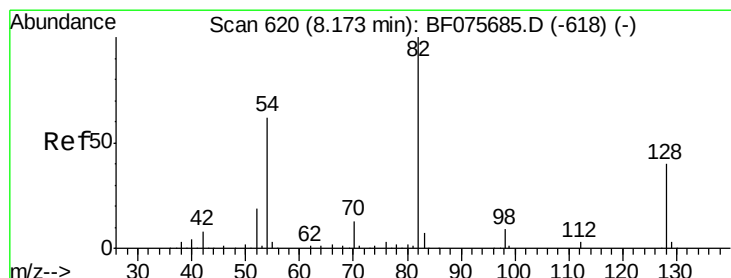
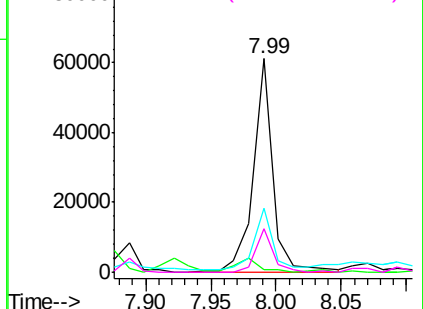
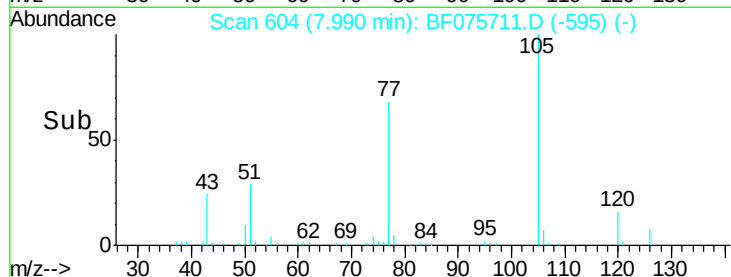
#22
Acetophenone
Concen: 8.18 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 105 Resp: 64818
Ion Ratio Lower Upper
105 100
71 1.4 10.5 15.7#
51 29.8 24.2 36.2
120 20.5 17.5 26.3

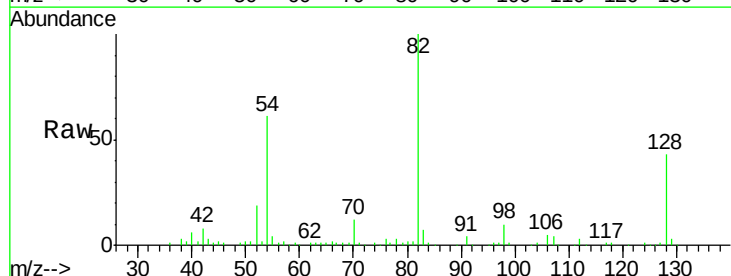


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

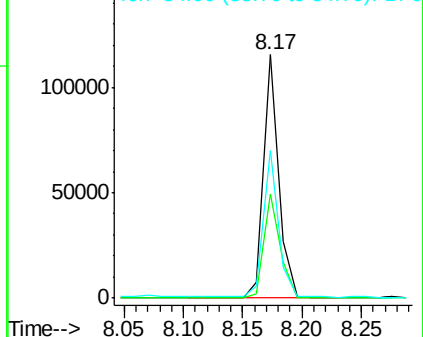
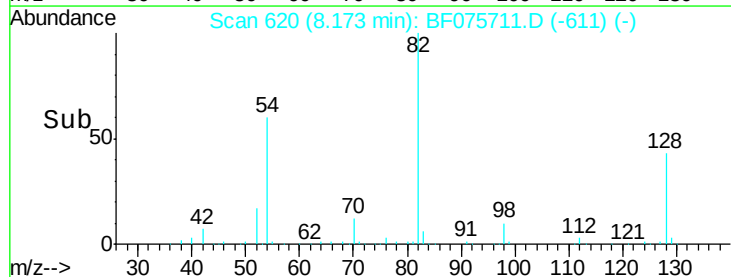


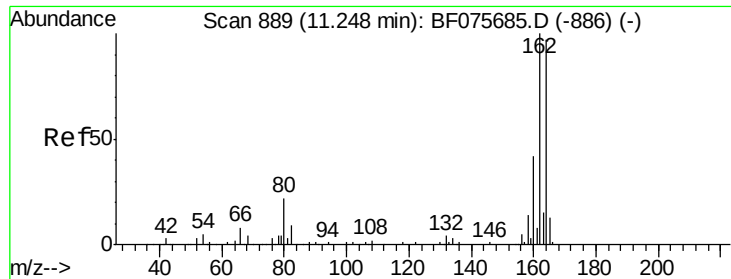
#23
Nitrobenzene-d5
Concen: 19.69 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Tgt Ion: 82 Resp: 105195
Ion Ratio Lower Upper
82 100
128 42.9 37.8 56.6
54 60.6 49.8 74.8



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

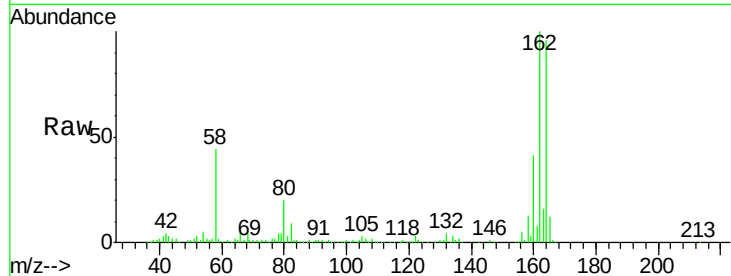




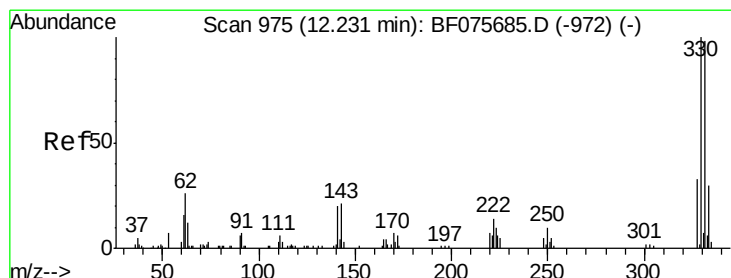
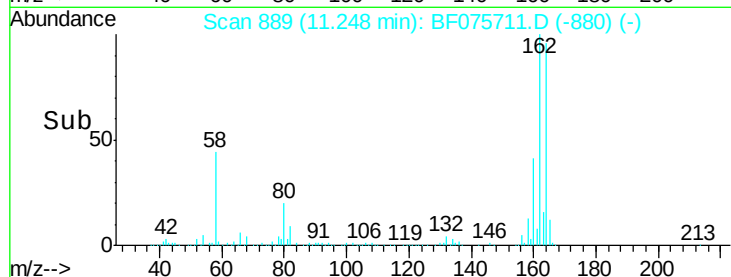
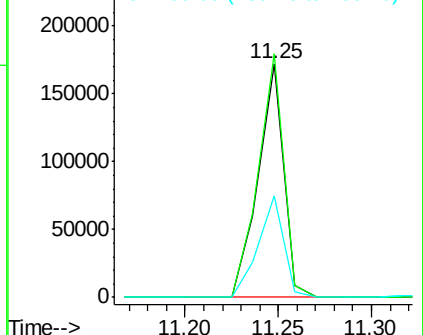
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 166310
Ion Ratio Lower Upper
164 100
162 104.1 79.1 118.7
160 43.2 34.6 51.8

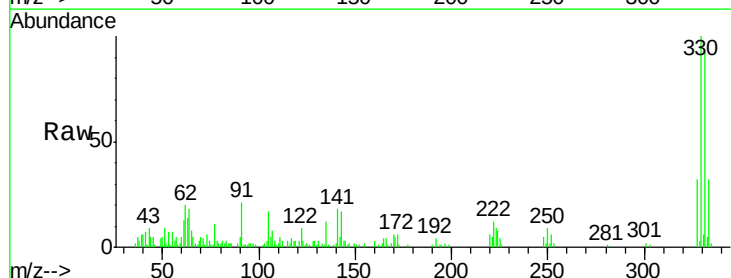


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

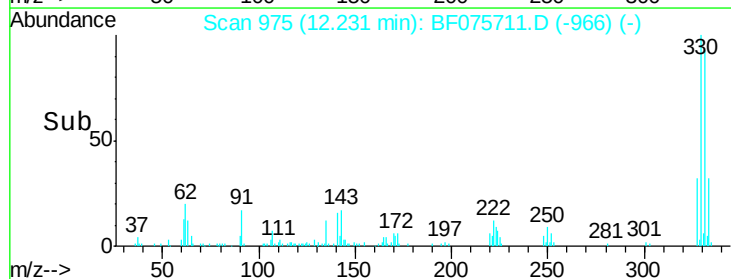
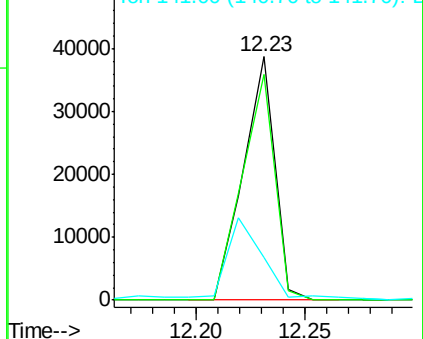


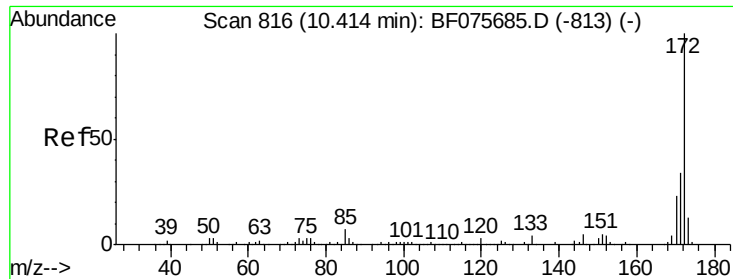
#41
2,4,6-Tribromophenol
Concen: 28.84 ng
RT: 12.23 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Tgt Ion:330 Resp: 39099
Ion Ratio Lower Upper
330 100
332 95.5 74.5 111.7
141 40.6 30.7 46.1



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

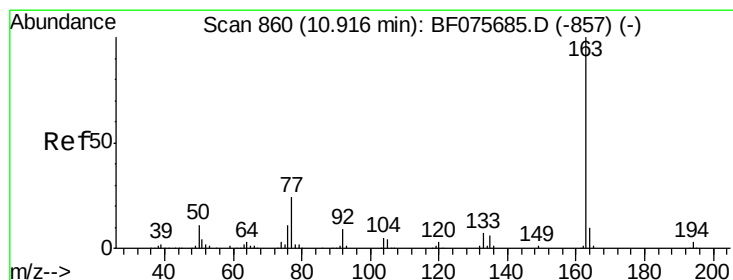
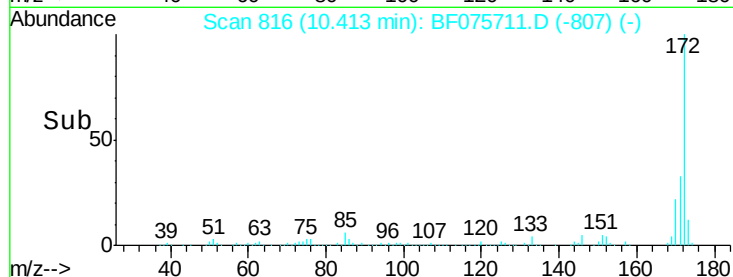
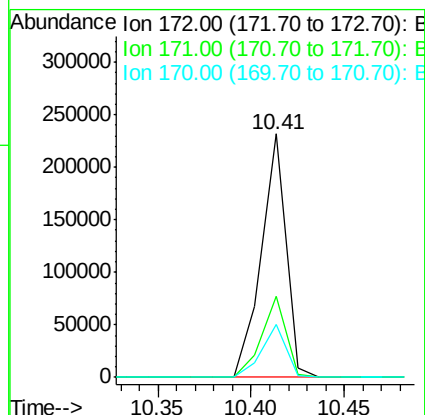
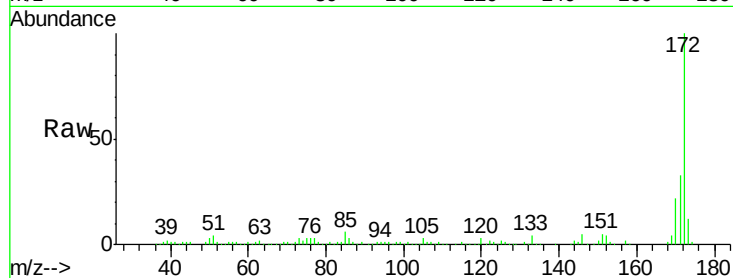




#44
2-Fluorobiphenyl
Concen: 19.89 ng
RT: 10.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

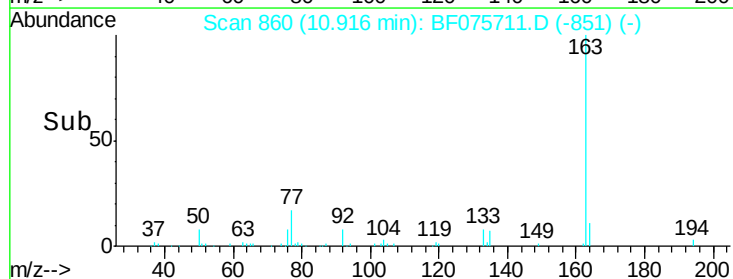
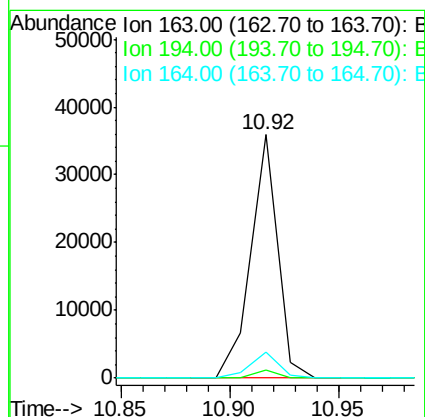
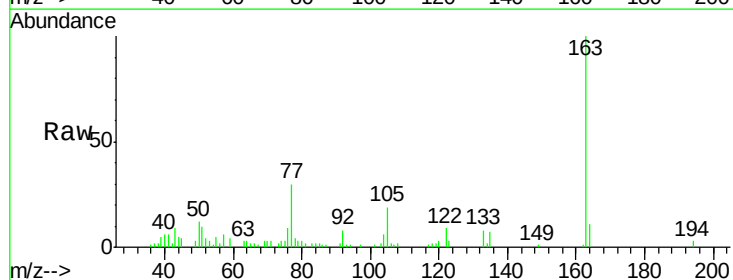
Instrument :
BNA_F
ClientSampleId :

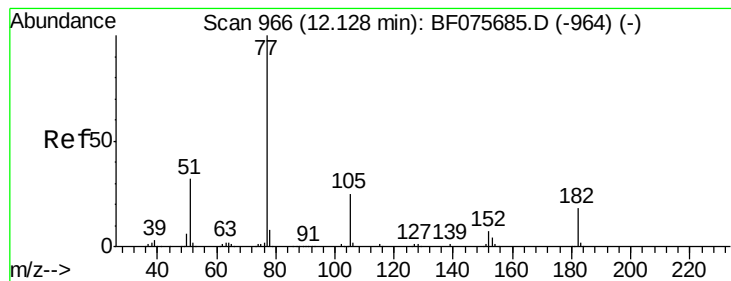
Tot Ion:172 Resp: 211313
Ion Ratio Lower Upper
172 100
171 33.3 27.3 40.9
170 21.7 18.4 27.6



#49
Dimethylphthalate
Concen: 2.53 ng
RT: 10.92 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Tgt Ion:163 Resp: 30770
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.9 8.0 12.0





#62

Azobenzene

Concen: 8.39 ng

RT: 12.14 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 95345

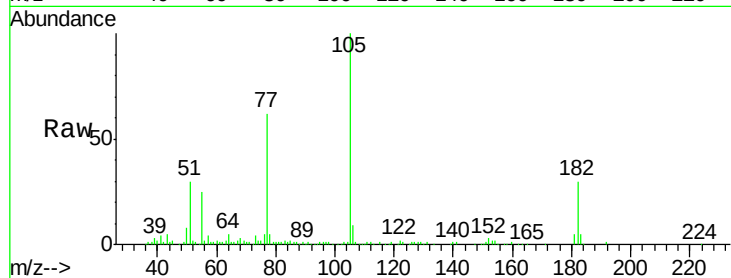
Ion Ratio Lower Upper

77 100

182 48.9 0.0 37.1#

105 161.6 3.7 43.7#

51 48.8 18.7 58.7

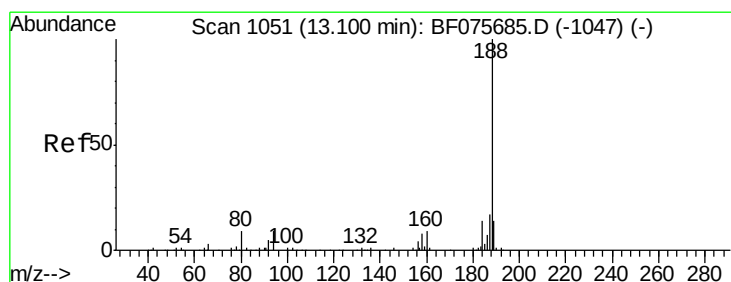
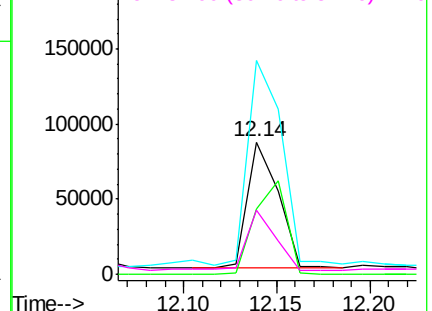
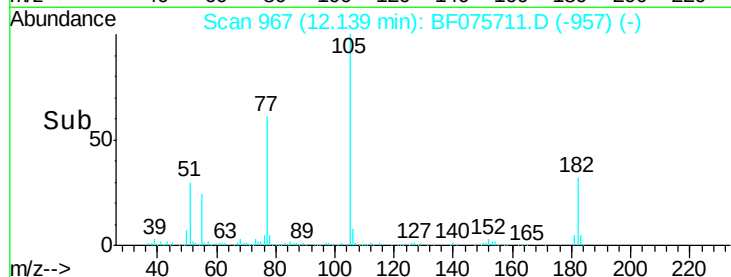


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.09 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

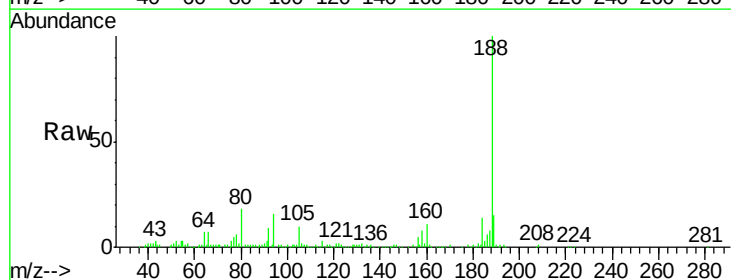
Tgt Ion: 188 Resp: 266866

Ion Ratio Lower Upper

188 100

94 16.2 7.8 11.6#

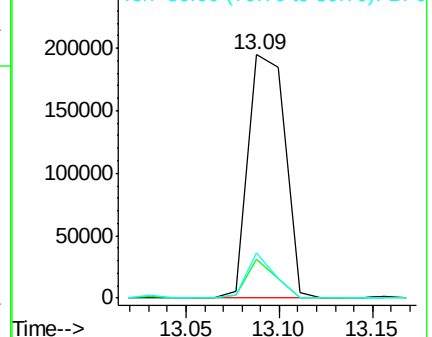
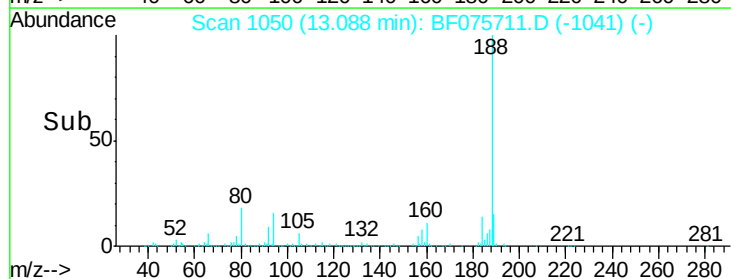
80 18.4 8.0 12.0#

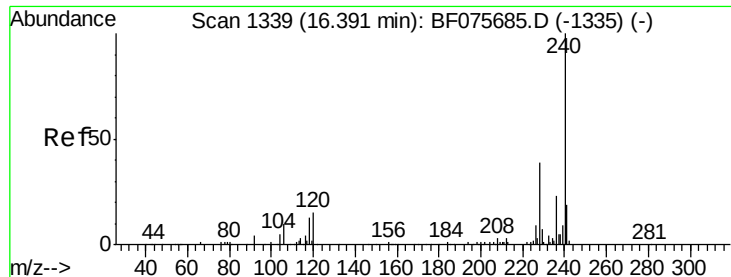


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.39 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

Instrument :

BNA_F

ClientSampled :

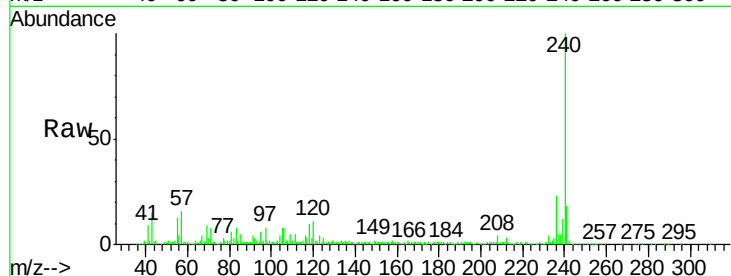
Tot Ion:240 Resp: 265074

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

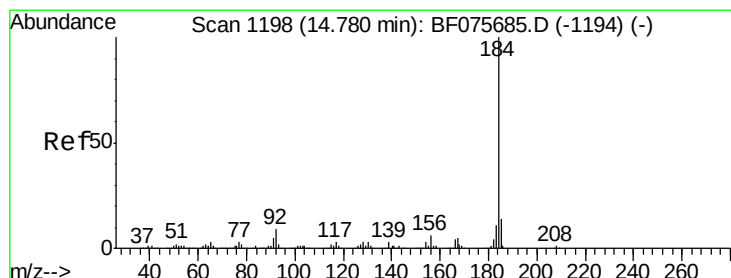
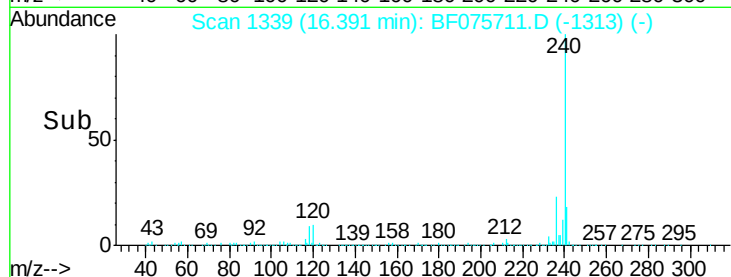
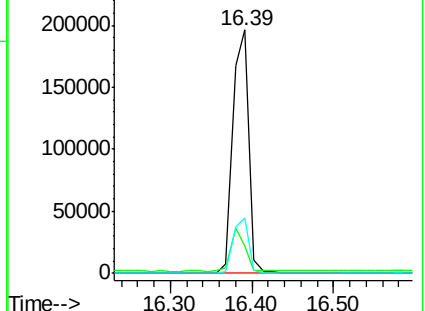
236 23.0 18.9 28.3



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



#76

Benzidine

Concen: Below Cal

RT: 14.75 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

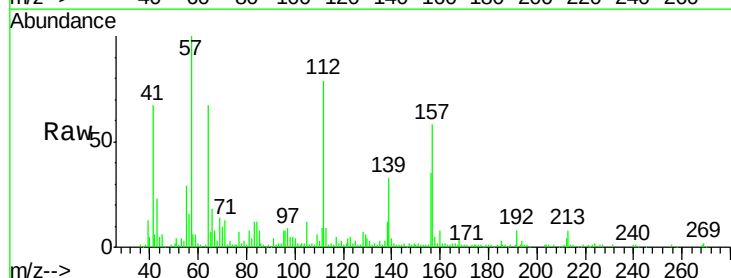
Tgt Ion:184 Resp: 1320

Ion Ratio Lower Upper

184 100

185 329.4 10.9 16.3#

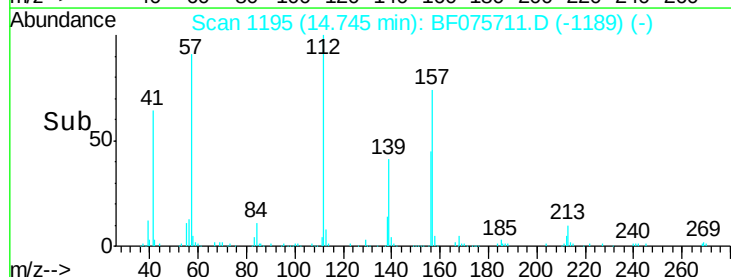
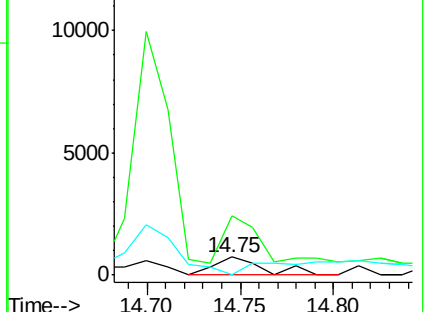
183 0.0 8.7 13.1#

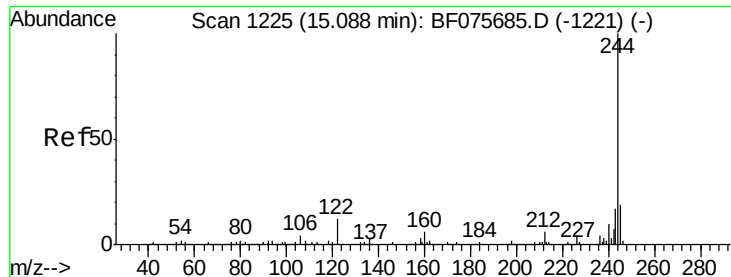


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 17.95 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

Instrument :

BNA_F

ClientSampleId :

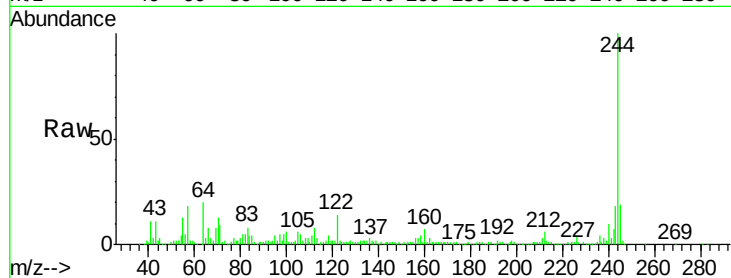
Tot Ion:244 Resp: 190259

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

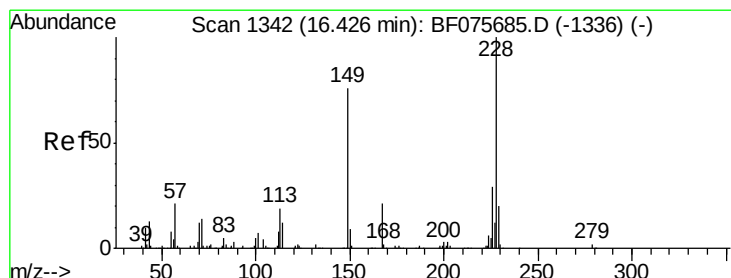
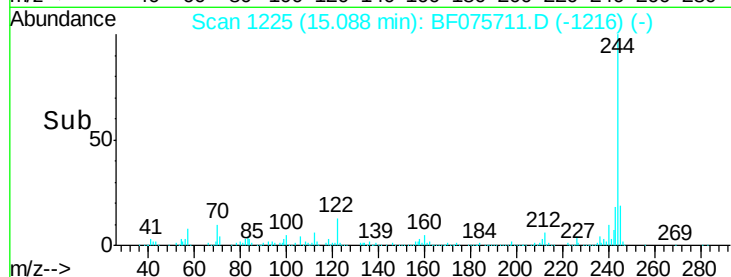
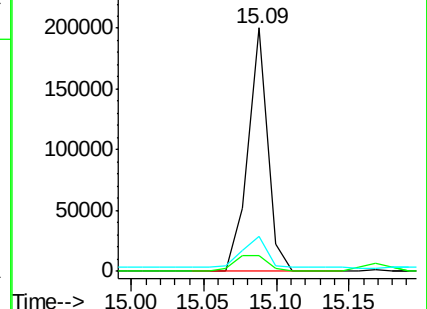
122 14.4 9.7 14.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.96 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF075711.D

Acq: 20 Nov 2014 14:50

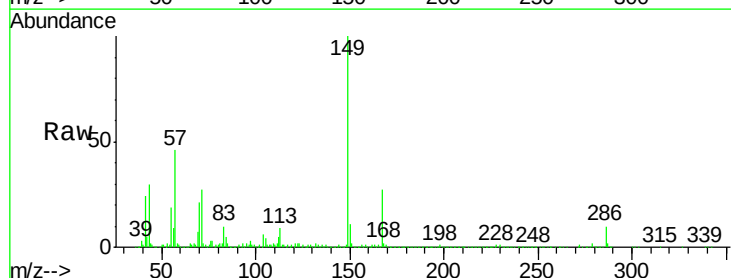
Tgt Ion:149 Resp: 593341

Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.2

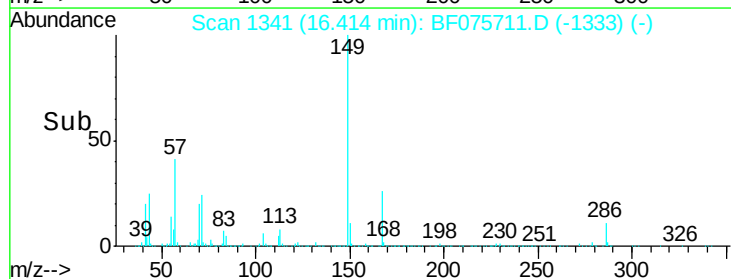
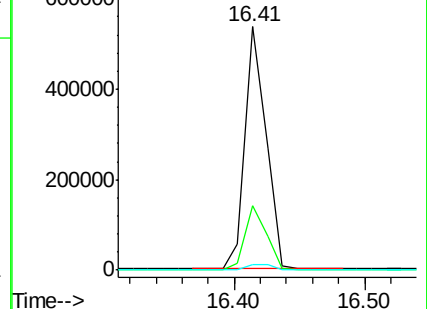
279 2.1 2.8 4.2#

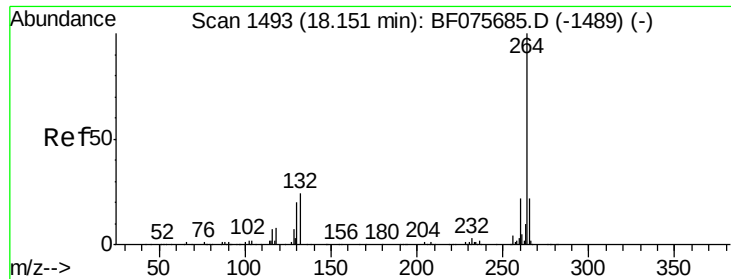


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

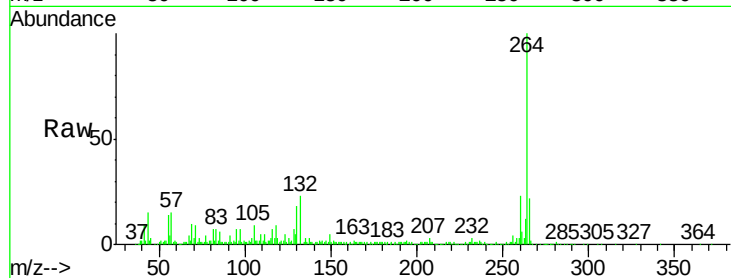




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.13 min Scan# 1491
Delta R.T. -0.03 min
Lab File: BF075711.D
Acq: 20 Nov 2014 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 252342
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 22.3 16.3 24.5



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

