

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082293.D
 Acq On : 14 Oct 2015 22:02
 Operator : UM/IZ
 Sample : G4015-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-5

Quant Time: Oct 15 01:50:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

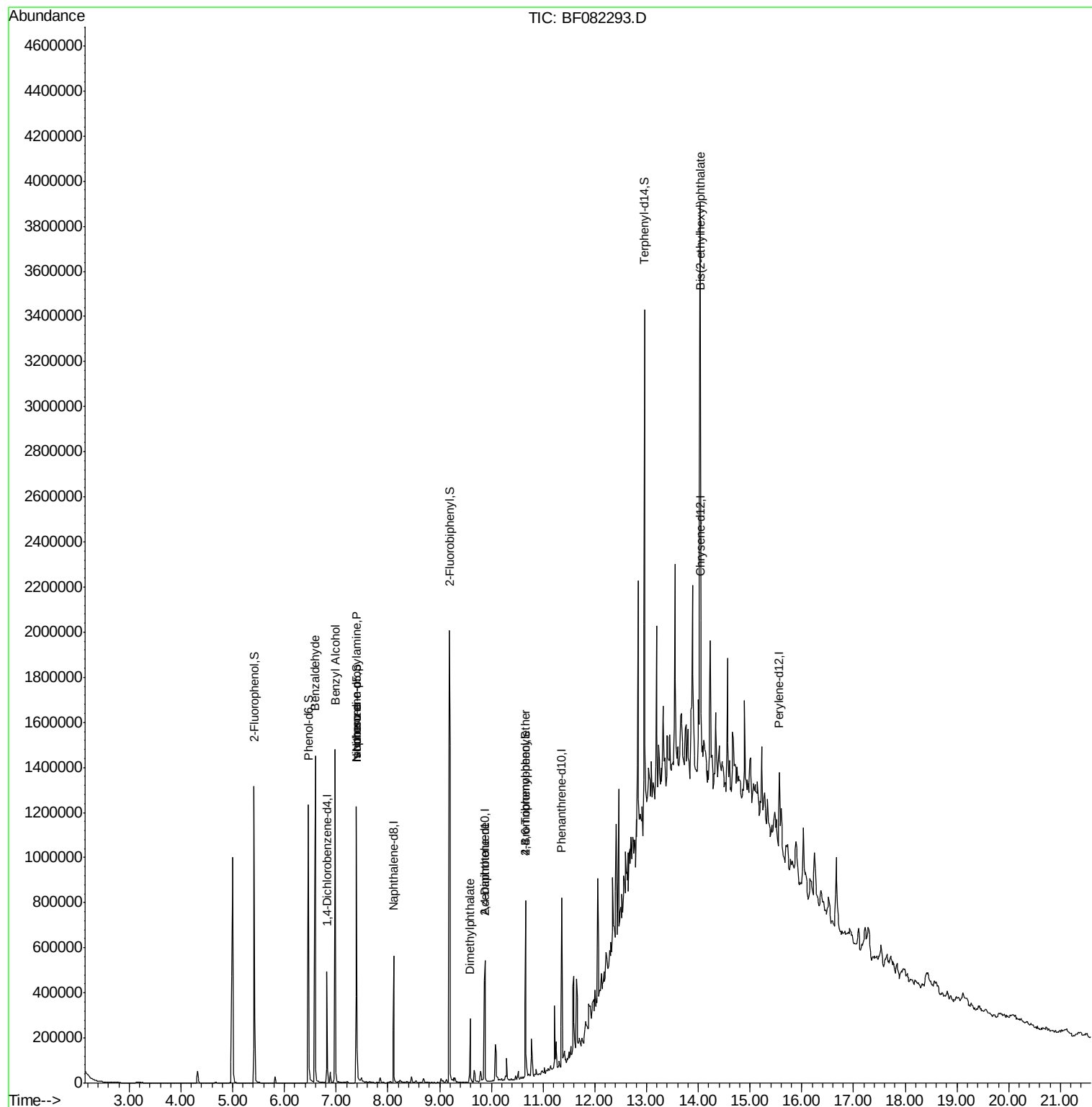
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79816	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	306855	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148890	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	296074	20.00	ng	0.00
75) Chrysene-d12	14.05	240	174460	20.00	ng	-0.08
86) Perylene-d12	15.57	264	160278	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	364245	92.10	ng	0.01
7) Phenol-d6	6.47	99	685793	133.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	455331	99.65	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	110411	79.07	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	946134	105.38	ng	-0.01
78) Terphenyl-d14	12.96	244	791162	120.17	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	10318	3.93	ng	Qvalue 83
15) Benzyl Alcohol	6.98	79	7412	2.09	ng	# 47
19) n-Nitroso-di-n-propylamine	7.39	70	60785	16.82	ng	# 79
25) Isophorone	7.39	82	349617	37.91	ng	# 66
49) Dimethylphthalate	9.59	163	109998	10.49	ng	100
56) 2,4-Dinitrotoluene	9.87	165	18933	6.85	ng	# 24
66) 4-Bromophenyl-phenylether	10.66	248	7565	2.55	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.04	149	870123	129.08	ng	100

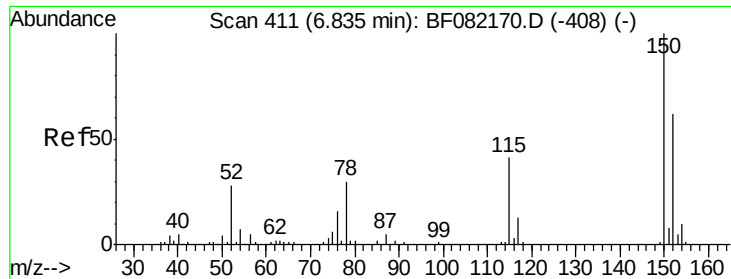
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LF-5

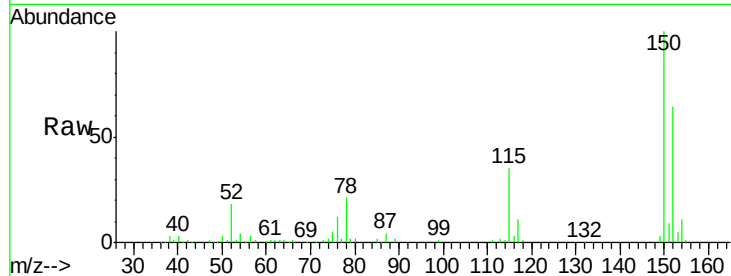
Tot Ion:152 Resp: 79816

Ion Ratio Lower Upper

152 100

150 156.0 129.0 193.4

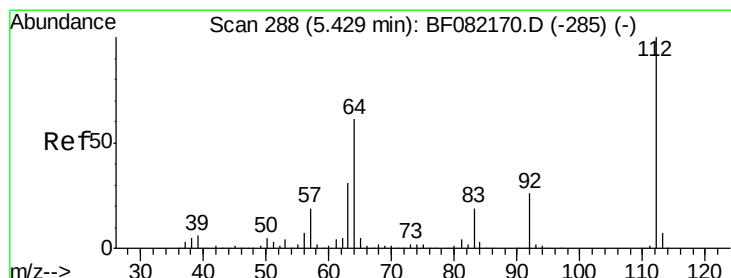
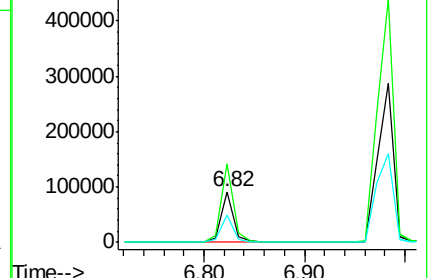
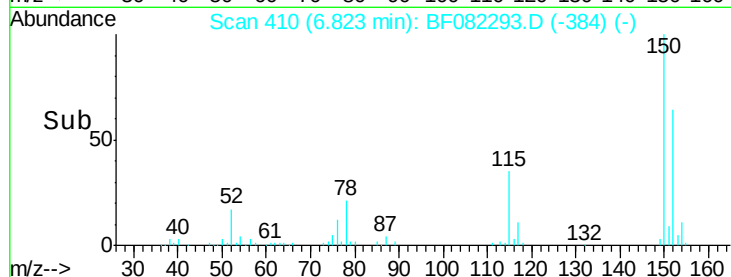
115 54.7 52.1 78.1



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: 92.10 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

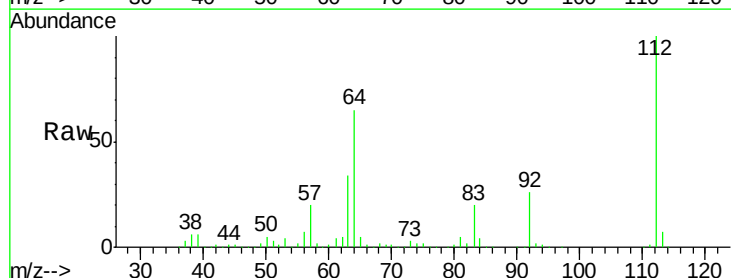
Tgt Ion:112 Resp: 364245

Ion Ratio Lower Upper

112 100

64 64.9 48.6 73.0

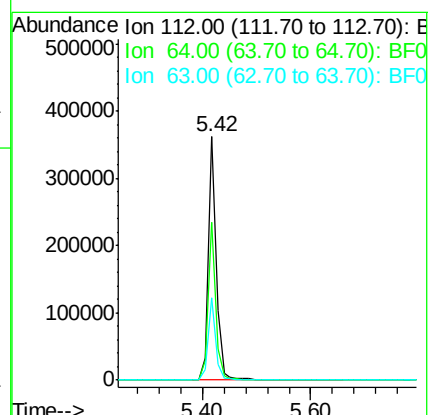
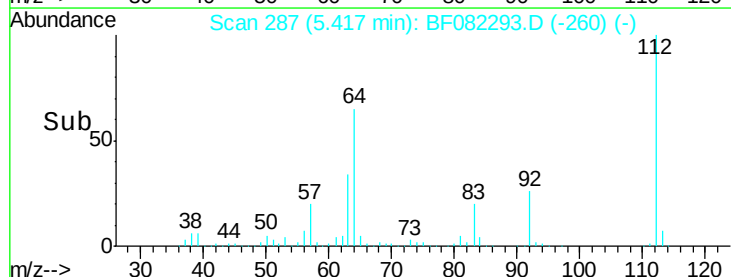
63 34.0 25.1 37.7

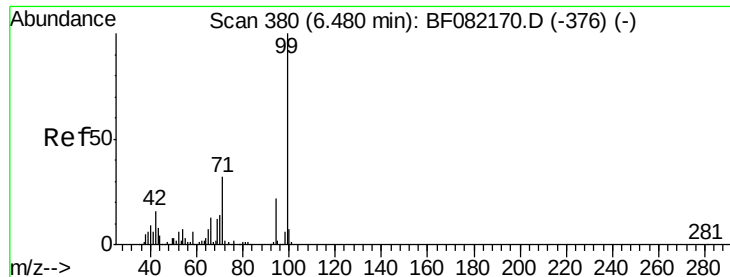


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.25 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LF-5

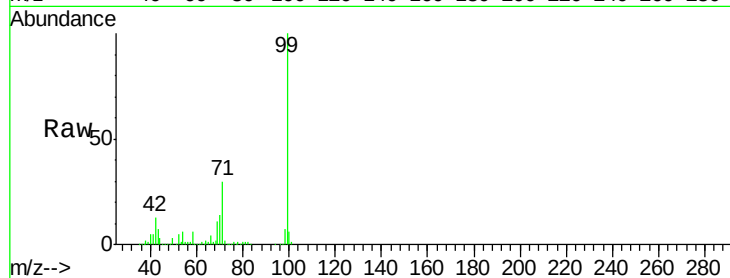
Tot Ion: 99 Resp: 685793

Ion Ratio Lower Upper

99 100

42 13.4 13.2 19.8

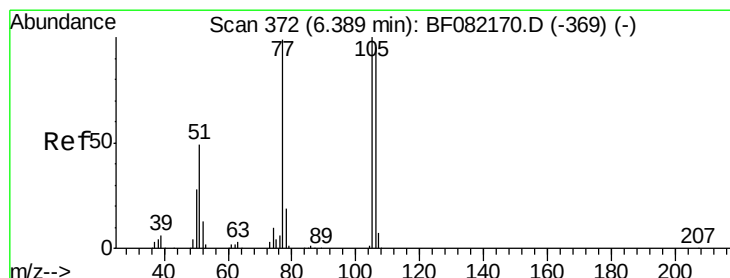
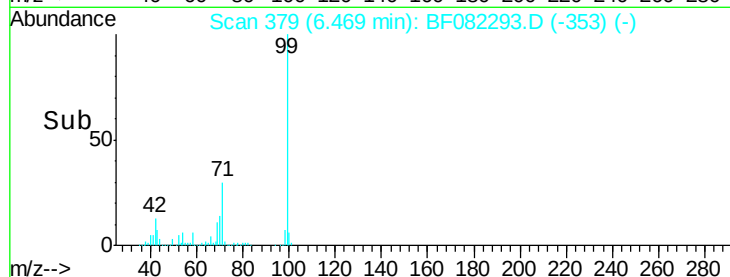
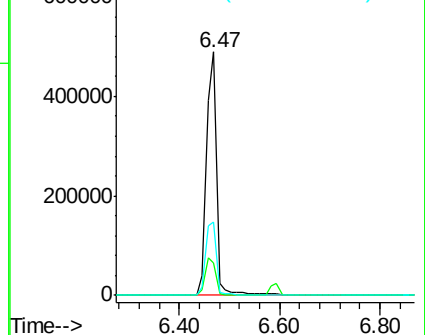
71 30.2 25.6 38.4



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



#9

Benzaldehyde

Concen: 3.93 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

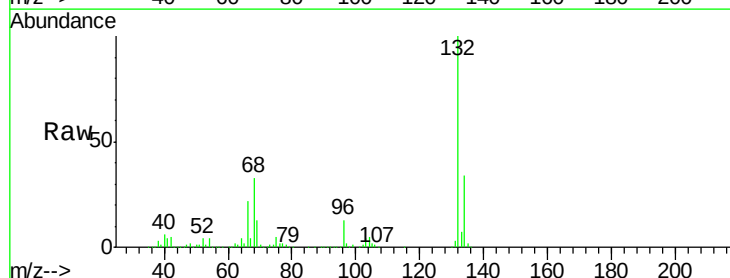
Tgt Ion: 77 Resp: 10318

Ion Ratio Lower Upper

77 100

105 84.6 80.6 120.6

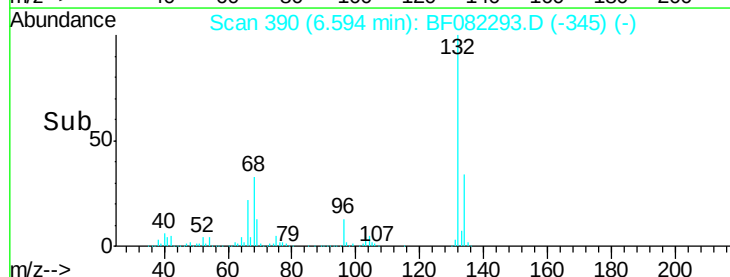
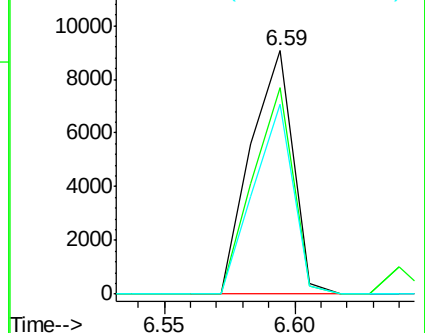
106 78.1 75.5 115.5

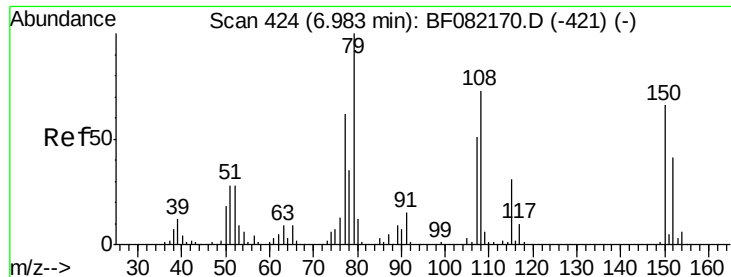


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LF-5

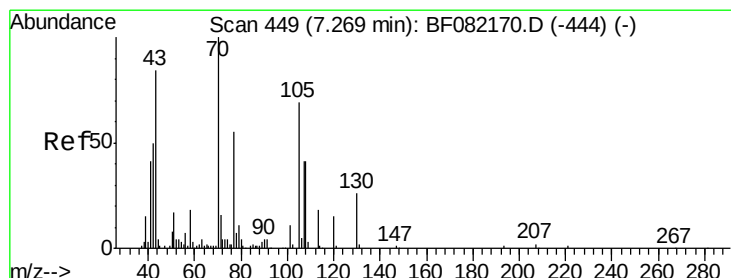
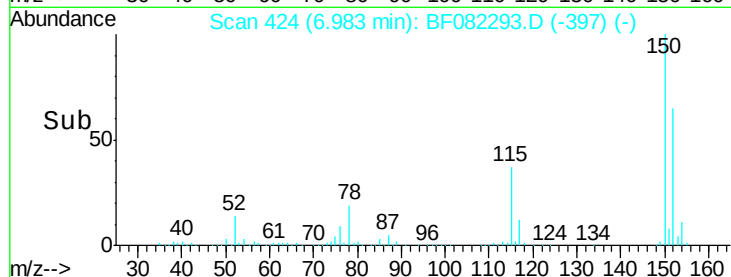
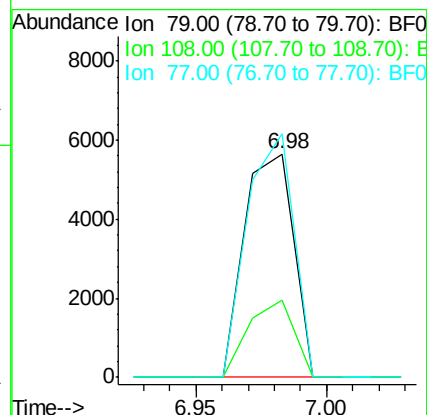
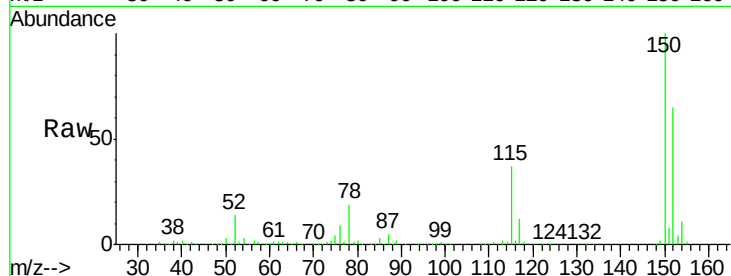
Tot Ion: 79 Resp: 7412

Ion Ratio Lower Upper

79 100

108 34.5 58.4 87.6#

77 109.0 49.8 74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 16.82 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Tgt Ion: 70 Resp: 60785

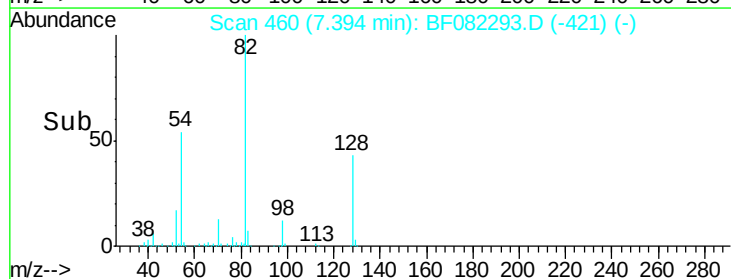
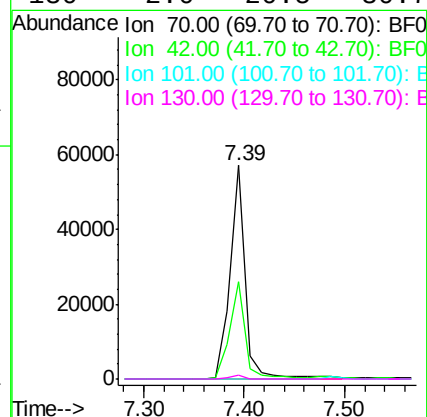
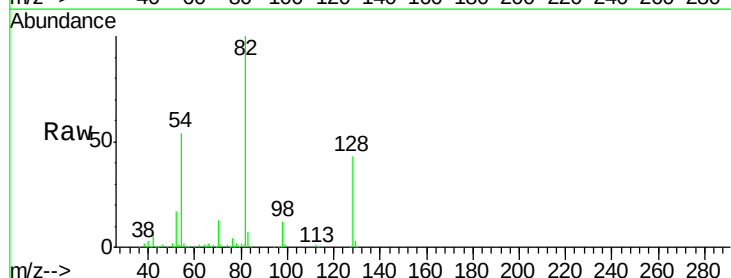
Ion Ratio Lower Upper

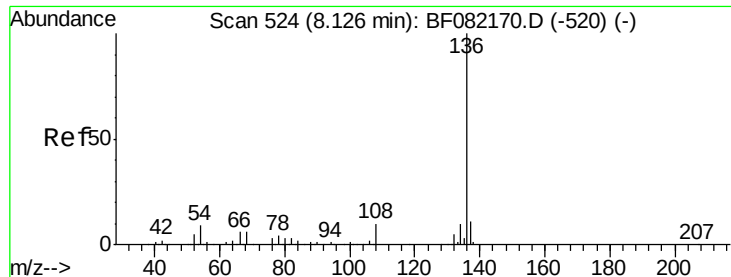
70 100

42 45.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.0 20.5 30.7#

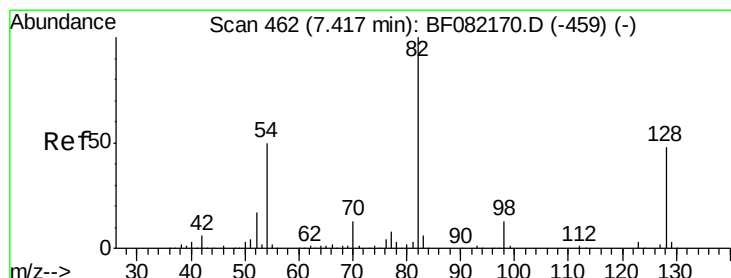
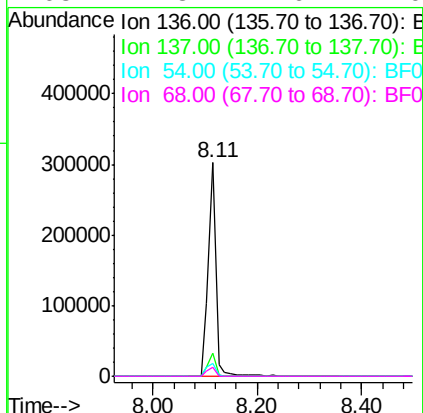
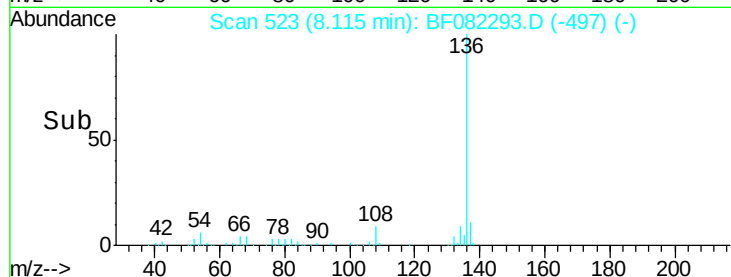
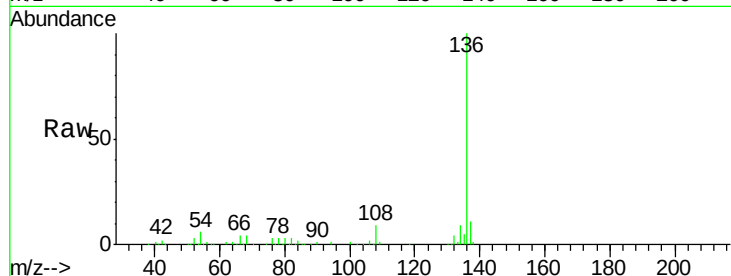




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082293.D
Acq: 14 Oct 2015 22:02

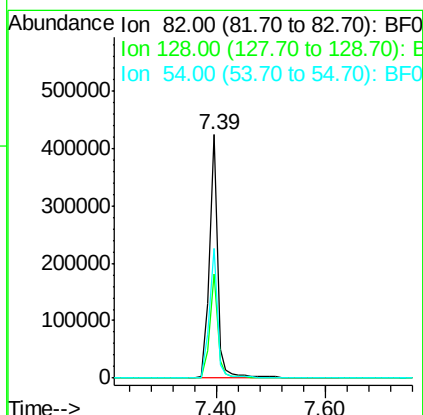
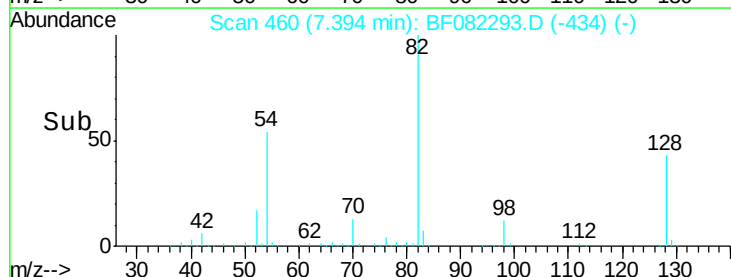
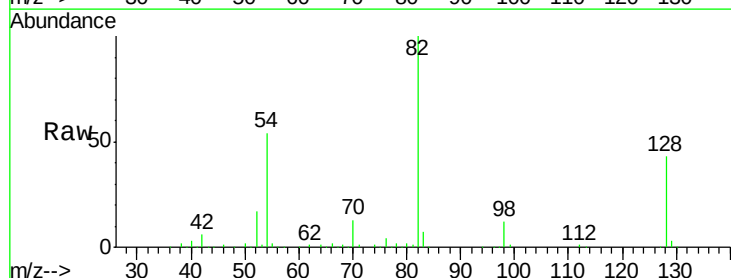
Instrument :
BNA_F
ClientSampleId :
LF-5

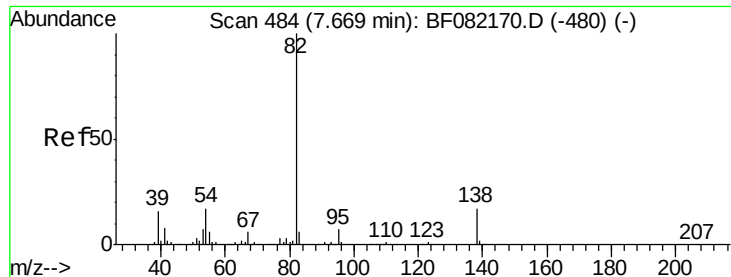
Tot Ion:136	Resp:	306855
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.1	7.5 11.3#
68	4.3	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 99.65 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082293.D
Acq: 14 Oct 2015 22:02

Tgt Ion: 82	Resp:	455331
Ion Ratio	Lower	Upper
82	100	
128	42.7	38.7 58.1
54	53.5	40.1 60.1





#25

Isophorone

Concen: 37.91 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Instrument :

BNA_F

ClientSampled :

LF-5

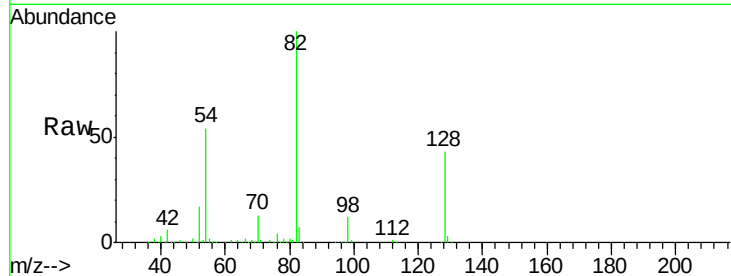
Tot Ion: 82 Resp: 349617

Ion Ratio Lower Upper

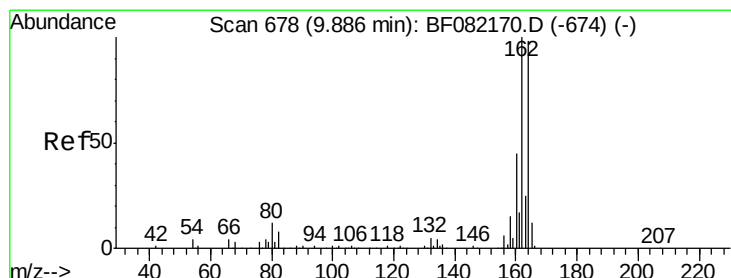
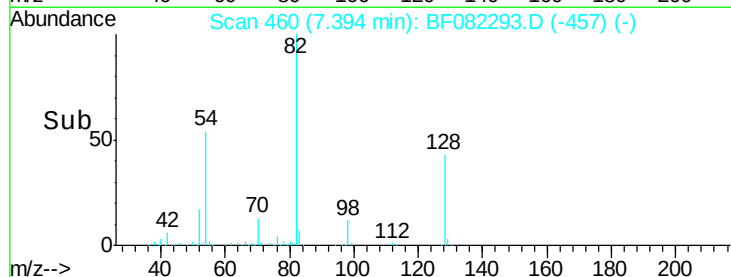
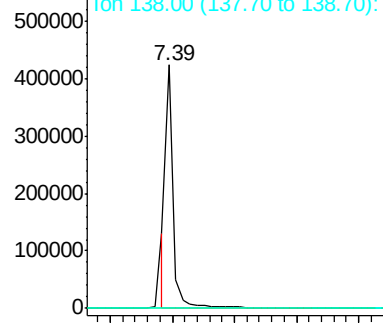
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



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: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

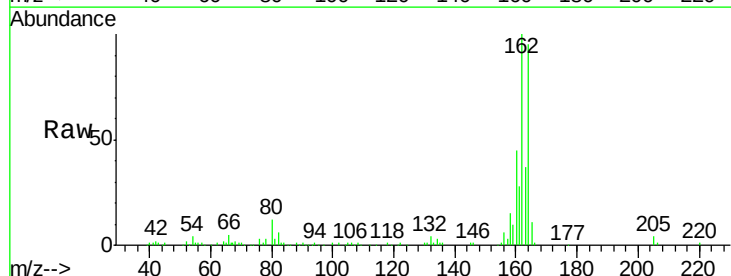
Tgt Ion:164 Resp: 148890

Ion Ratio Lower Upper

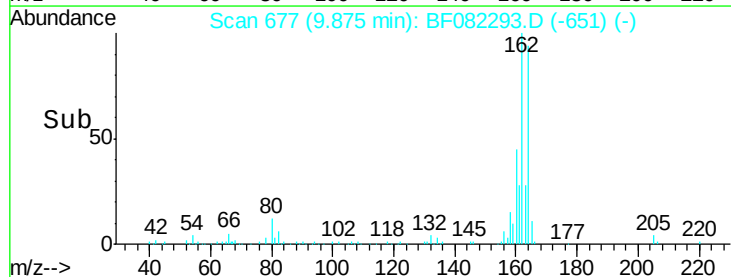
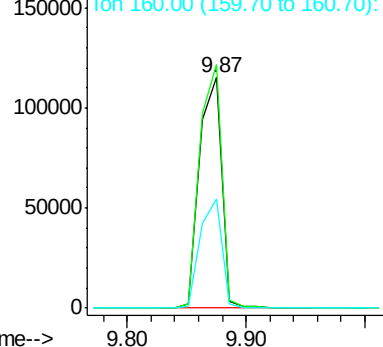
164 100

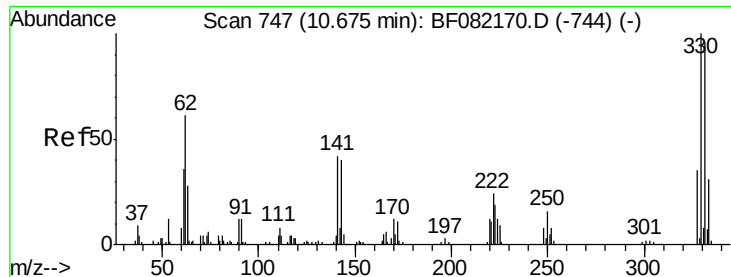
162 105.6 81.6 122.4

160 47.4 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

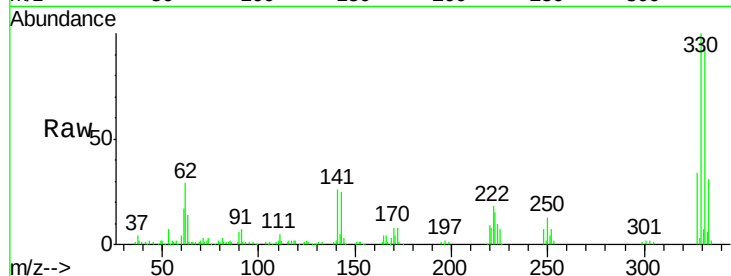




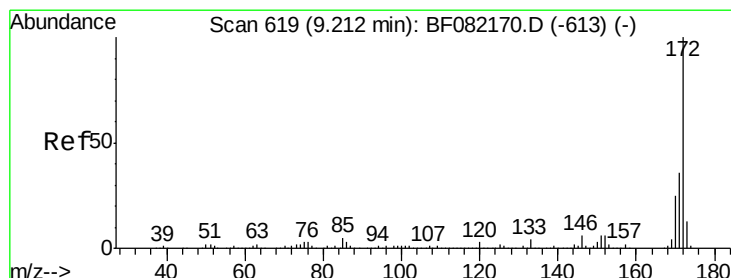
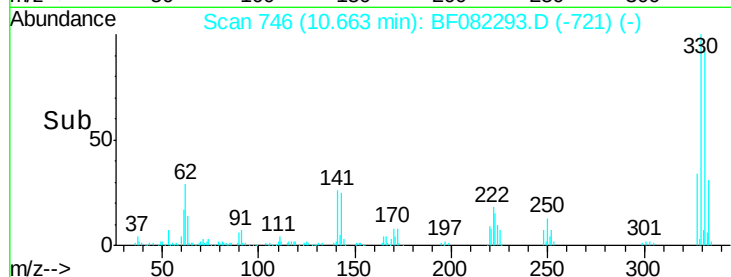
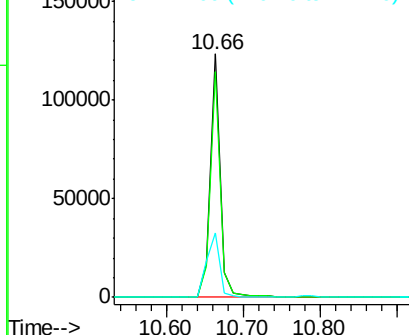
#41
 2,4,6-Tribromophenol
 Concen: 79.07 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082293.D
 Acq: 14 Oct 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 LF-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.1	115.7
141	34.9	29.8	44.8

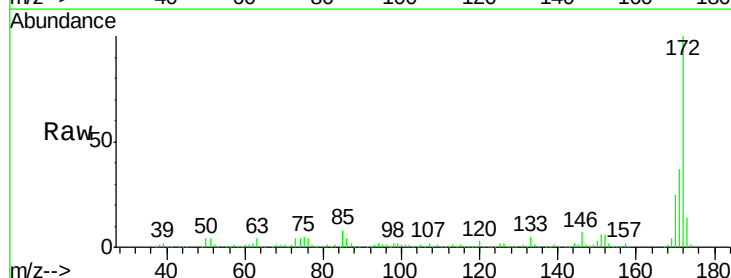


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

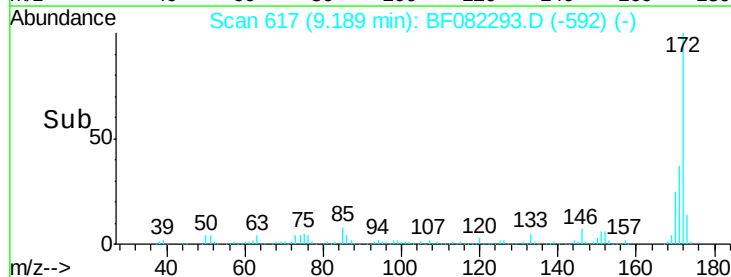
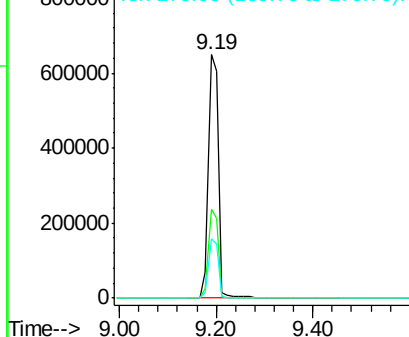


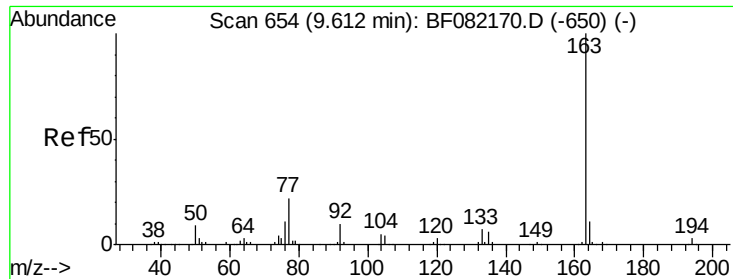
#44
 2-Fluorobiphenyl
 Concen: 105.38 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082293.D
 Acq: 14 Oct 2015 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.5	19.7	29.5



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

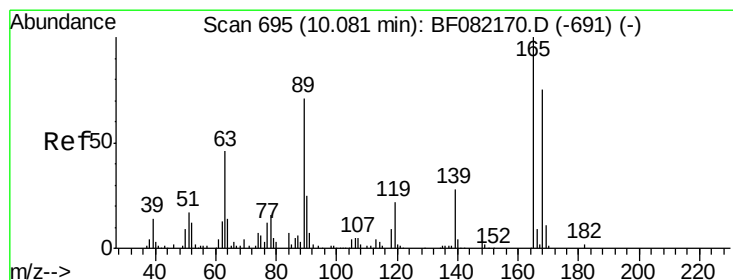
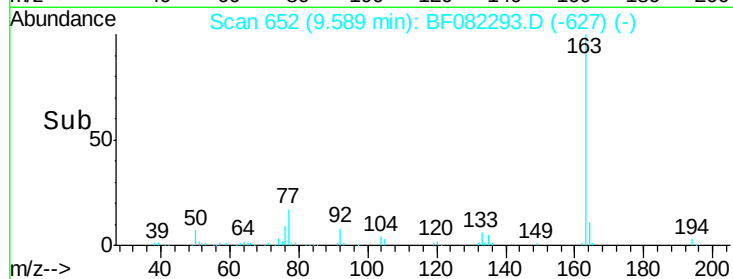
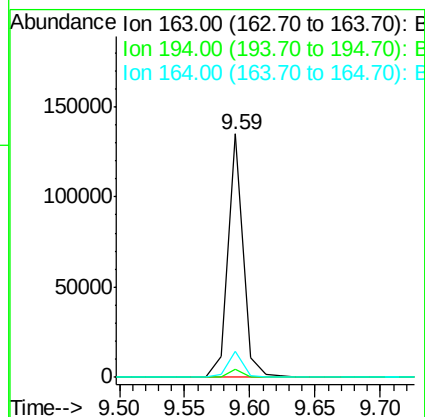
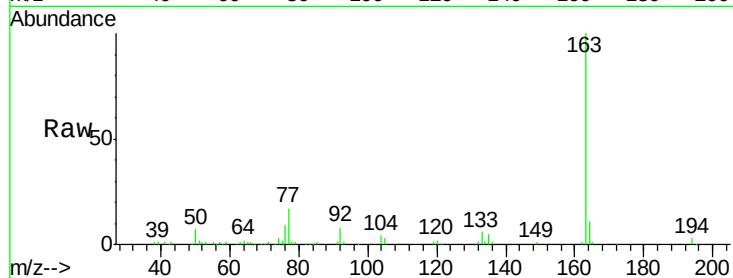




#49
Dimethylphthalate
Concen: 10.49 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082293.D
Acq: 14 Oct 2015 22:02

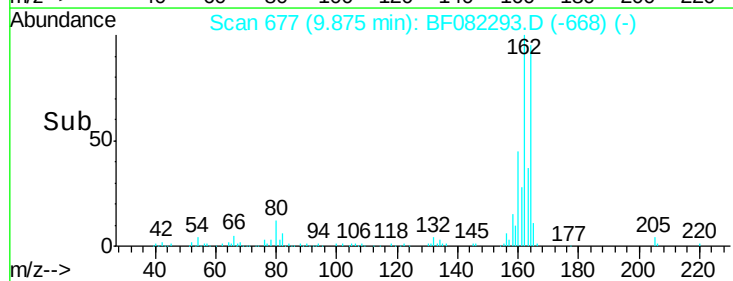
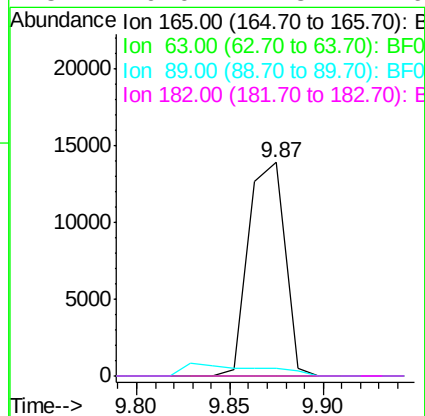
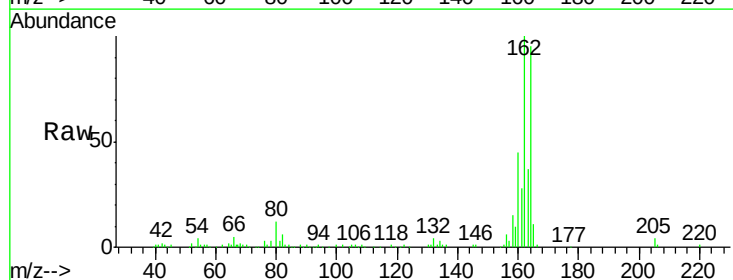
Instrument :
BNA_F
ClientSampleId :
LF-5

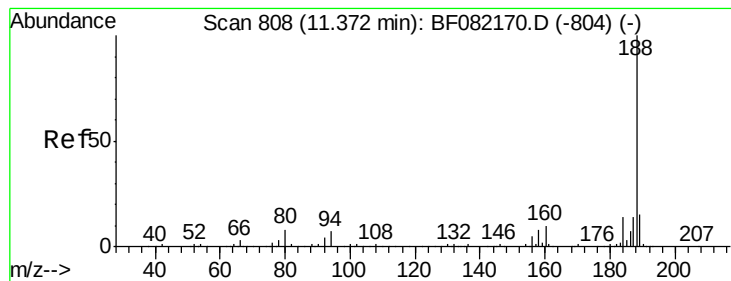
Tot Ion:163 Resp: 109998
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082293.D
Acq: 14 Oct 2015 22:02

Tgt Ion:165 Resp: 18933
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 3.9 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LF-5

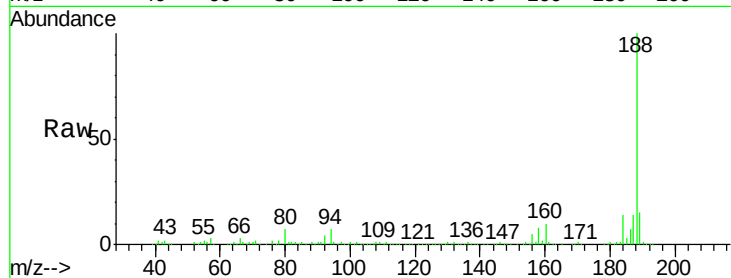
Tot Ion:188 Resp: 296074

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

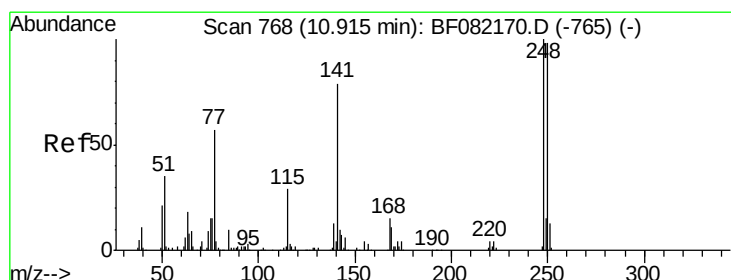
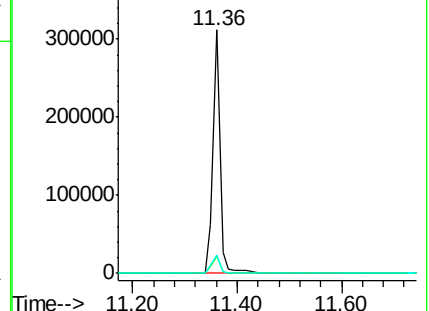
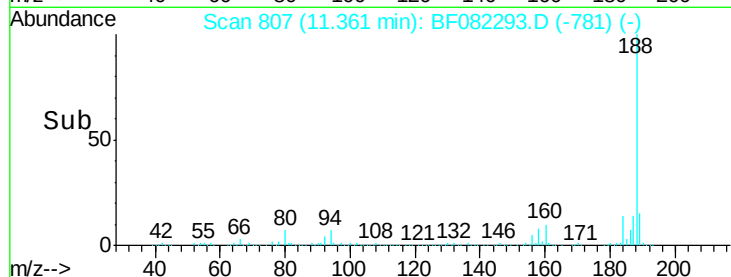
80 7.4 6.4 9.6



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: 2.55 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.24 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

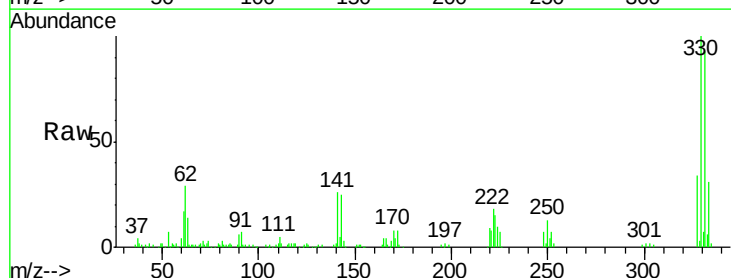
Tgt Ion:248 Resp: 7565

Ion Ratio Lower Upper

248 100

250 192.4 78.6 117.8#

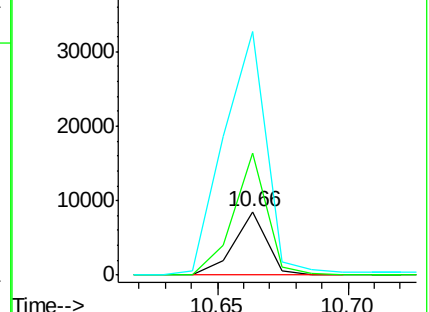
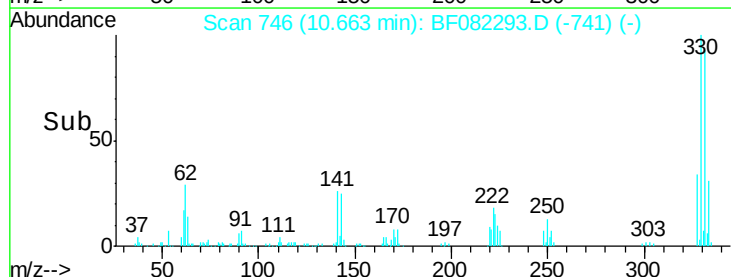
141 385.6 63.3 94.9#

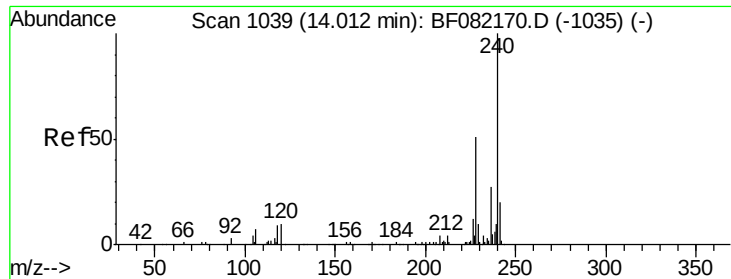


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LF-5

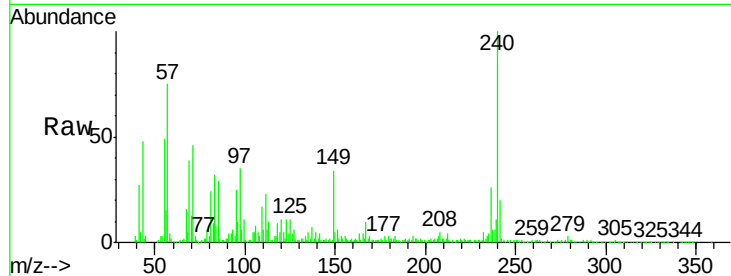
Tot Ion:240 Resp: 174460

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

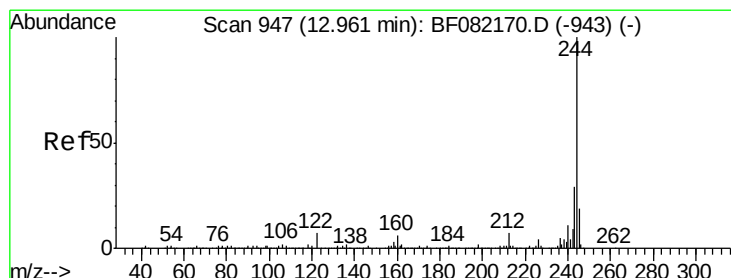
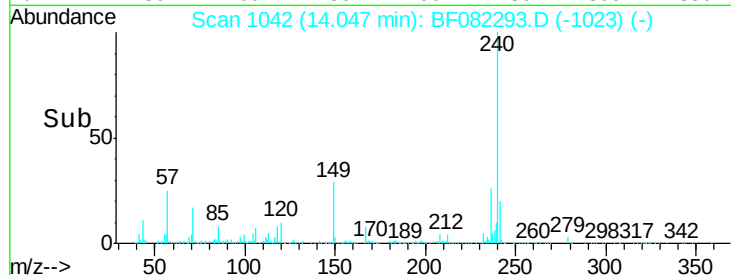
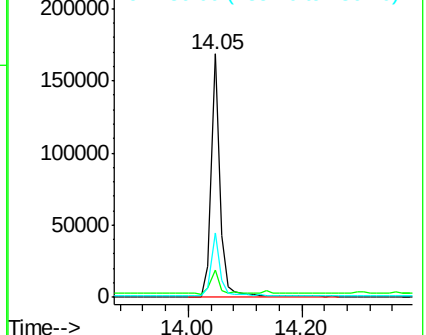
236 26.2 21.3 31.9



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: 120.17 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082293.D

Acq: 14 Oct 2015 22:02

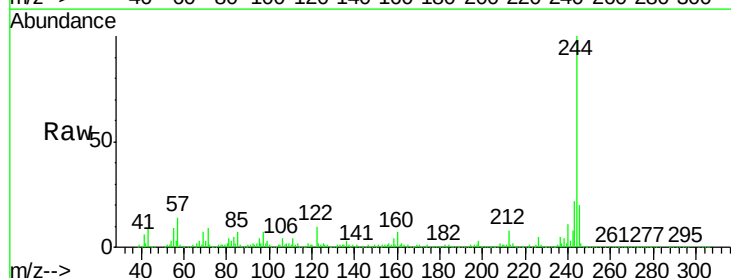
Tgt Ion:244 Resp: 791162

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

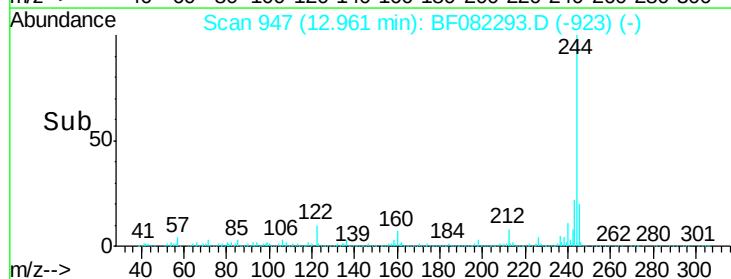
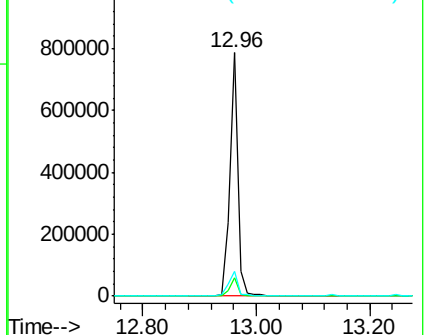
122 10.3 5.9 8.9#

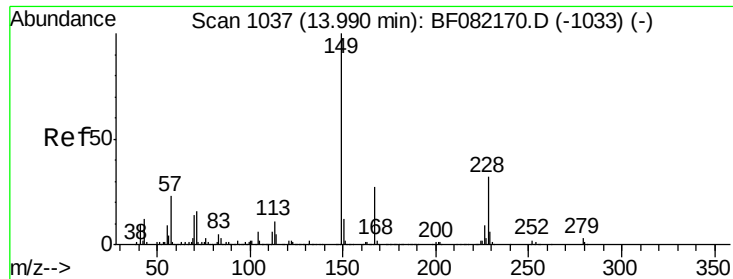


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

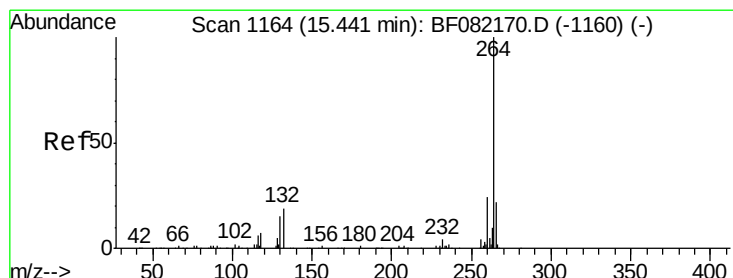
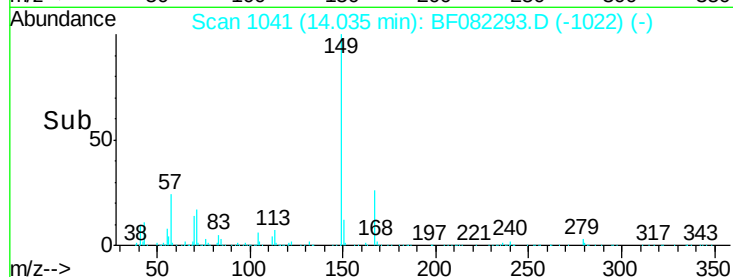
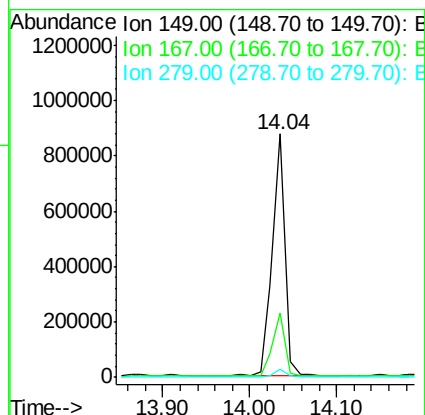
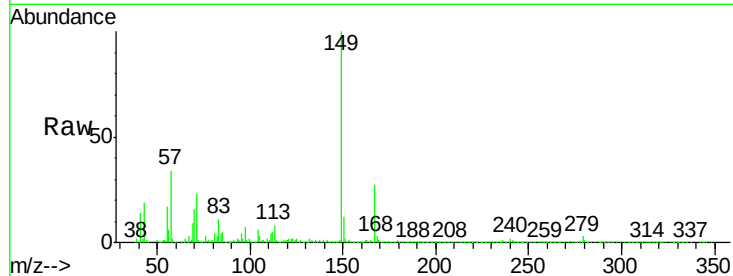




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 129.08 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.08 min
 Lab File: BF082293.D
 Acq: 14 Oct 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 LF-5

Tot Ion:149 Resp: 870123
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.5 2.6 4.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.17 min
 Lab File: BF082293.D
 Acq: 14 Oct 2015 22:02

Tgt Ion:264 Resp: 160278
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.8 17.3 25.9

