

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082558.D
 Acq On : 27 Oct 2015 20:44
 Operator : UM/IZ
 Sample : G4157-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Oct 28 00:05:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

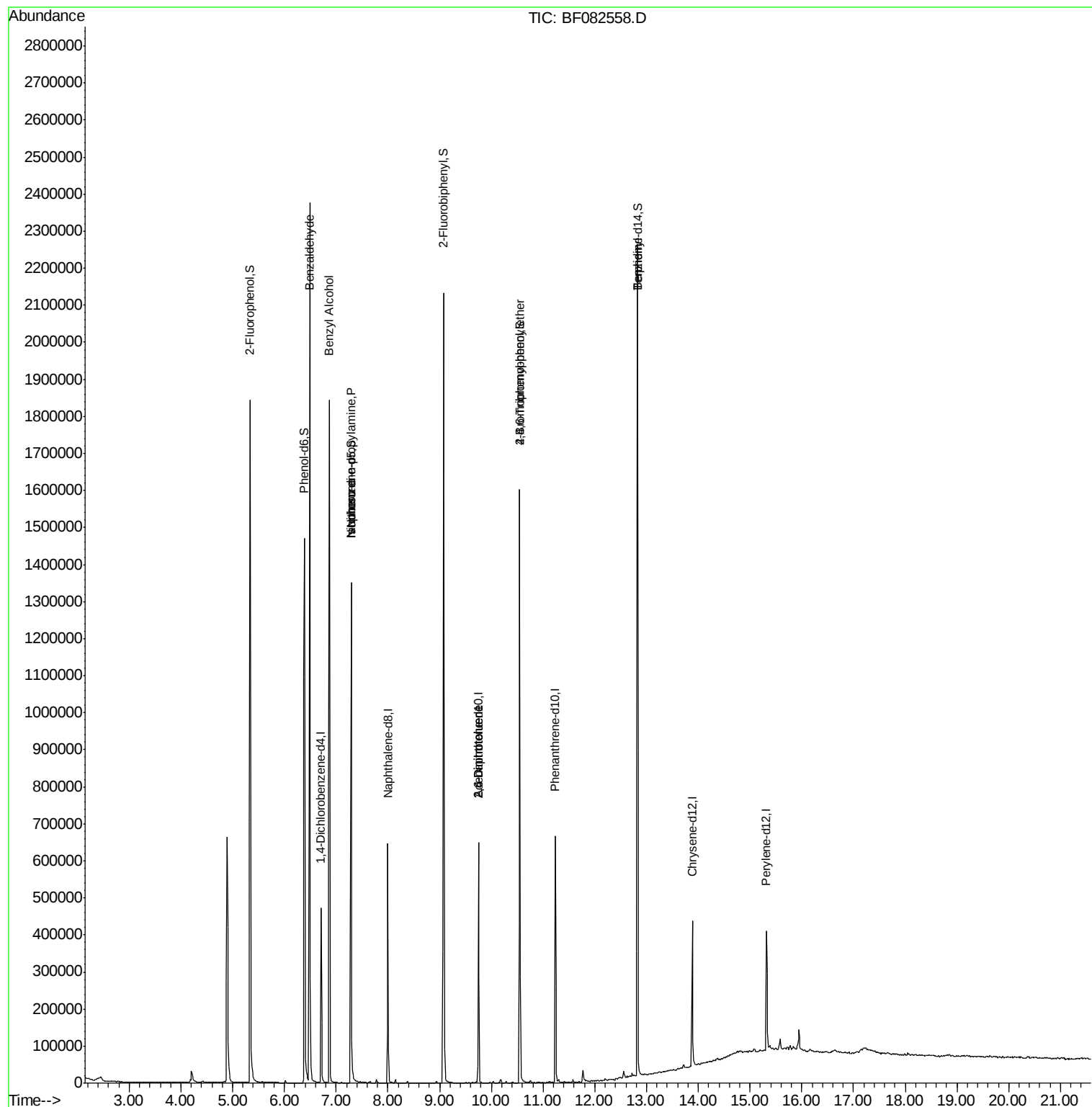
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	82705	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	322140	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	151918	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	277535	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	176084	20.00	ng	-0.02
86) Perylene-d12	15.32	264	162917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	604148	144.21	ng	0.02
7) Phenol-d6	6.39	99	746602	136.73	ng	0.01
23) Nitrobenzene-d5	7.29	82	555984	111.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	177320	155.87	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1039992	108.86	ng	-0.02
78) Terphenyl-d14	12.82	244	818590	133.93	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	15434	3.89	ng	83
15) Benzyl Alcohol	6.87	79	8737	2.30	ng	# 53
19) n-Nitroso-di-n-propylamine	7.29	70	72891	20.49	ng	# 75
25) Isophorone	7.29	82	542876	54.72	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	19406	8.37	ng	# 36
56) 2,4-Dinitrotoluene	9.75	165	19406	6.90	ng	# 9
66) 4-Bromophenyl-phenylether	10.55	248	13948	5.36	ng	# 1
76) Benzydine	12.82	184	11653	2.41	ng	# 93

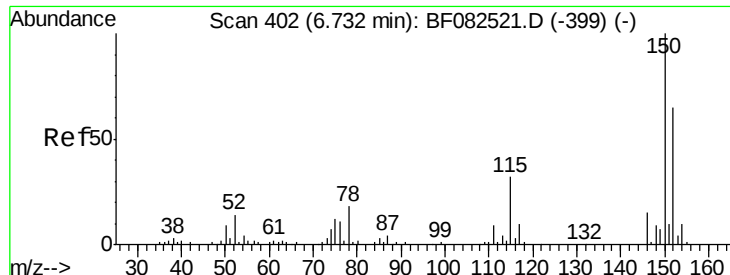
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-1

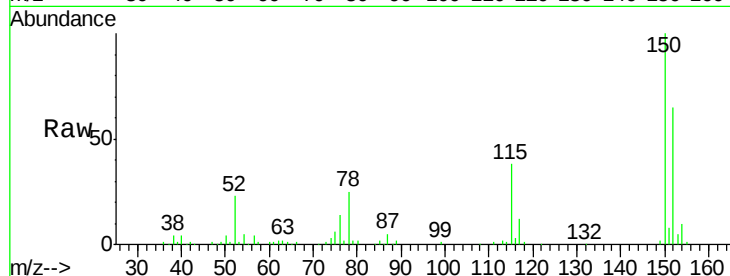
Tgt Ion:152 Resp: 82705

Ion Ratio Lower Upper

152 100

150 155.0 123.4 185.0

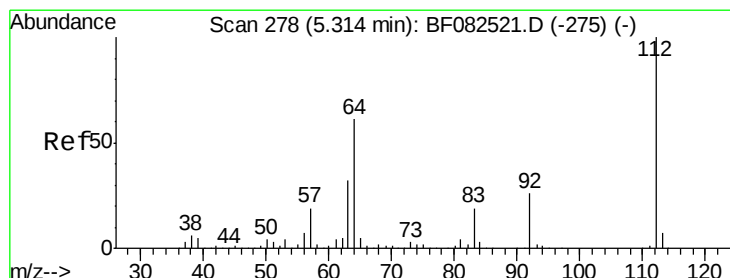
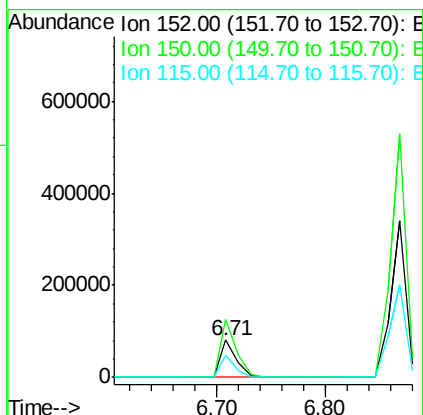
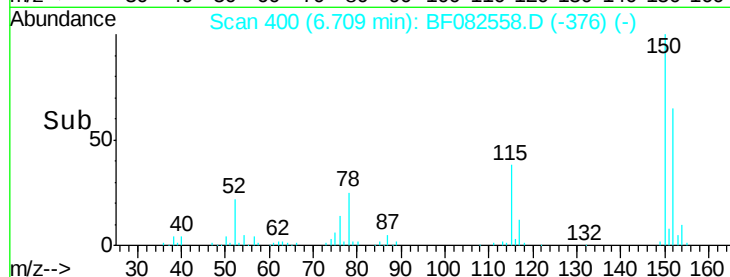
115 59.1 39.0 58.4#



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: 144.21 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

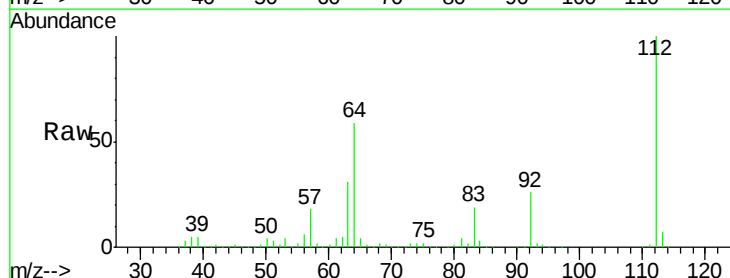
Tgt Ion:112 Resp: 604148

Ion Ratio Lower Upper

112 100

64 59.1 49.0 73.4

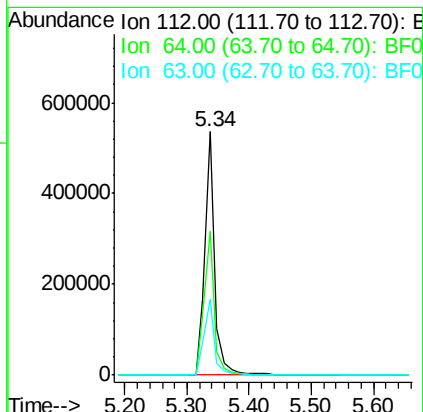
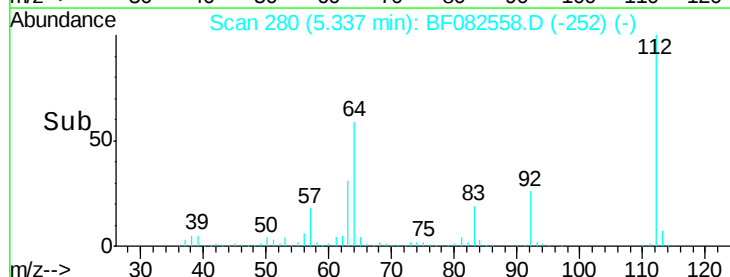
63 31.2 25.8 38.6

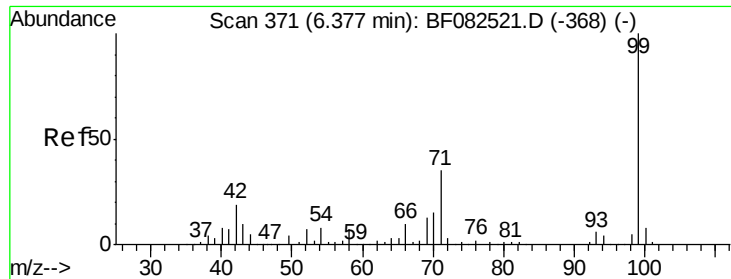


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.73 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-1

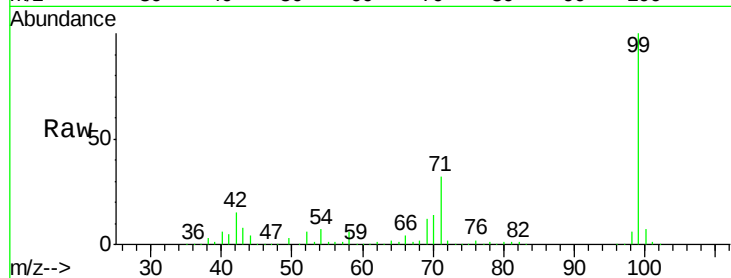
Tgt Ion: 99 Resp: 746602

Ion Ratio Lower Upper

99 100

42 14.7 15.1 22.7#

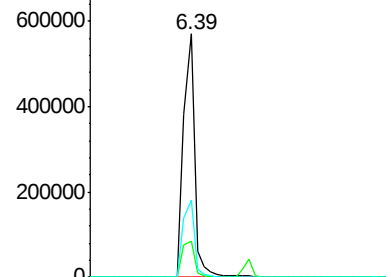
71 31.6 28.2 42.2



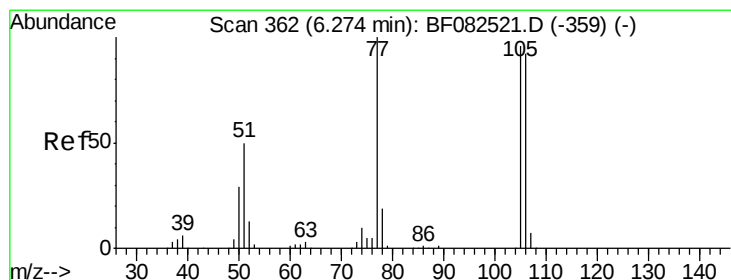
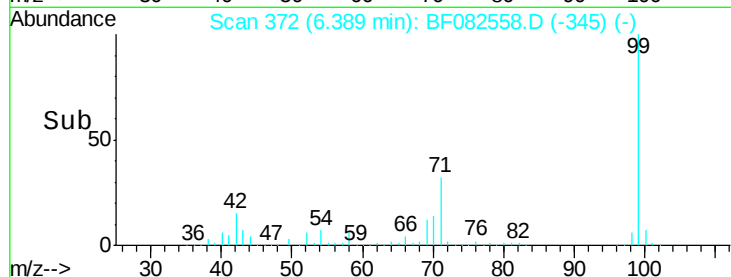
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.22 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

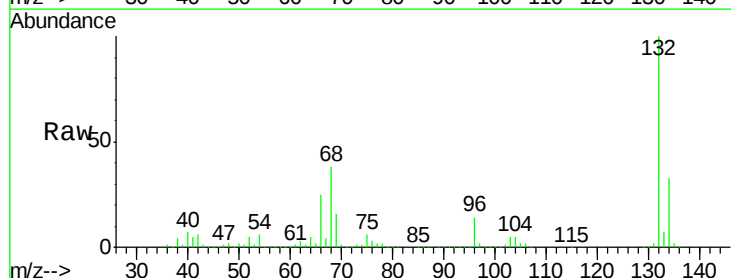
Tgt Ion: 77 Resp: 15434

Ion Ratio Lower Upper

77 100

105 83.3 75.9 115.9

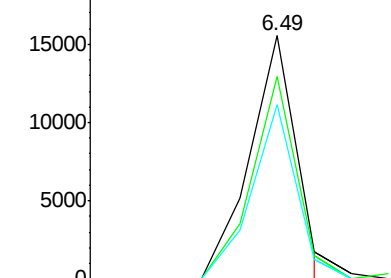
106 71.9 71.8 111.8



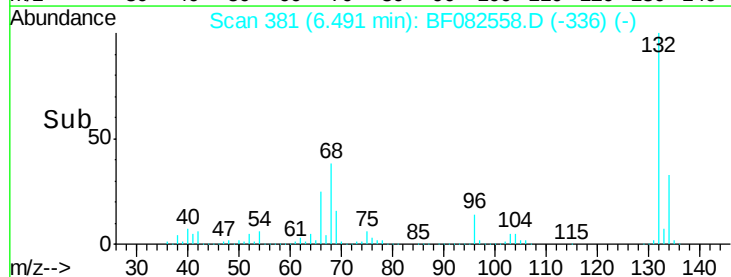
Abundance Ion 77.00 (76.70 to 77.70): BF0

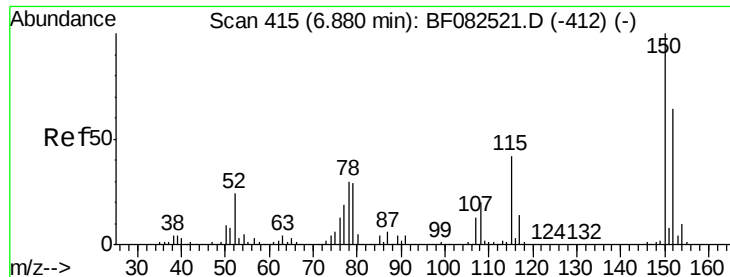
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampled :

SB-1

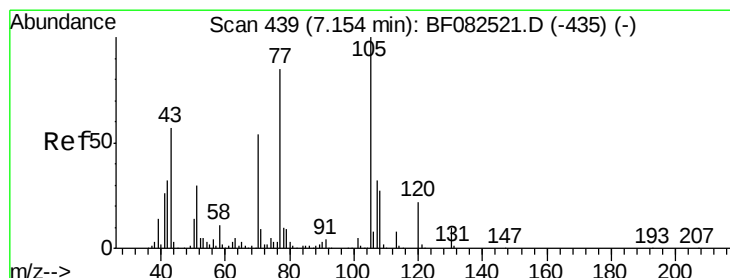
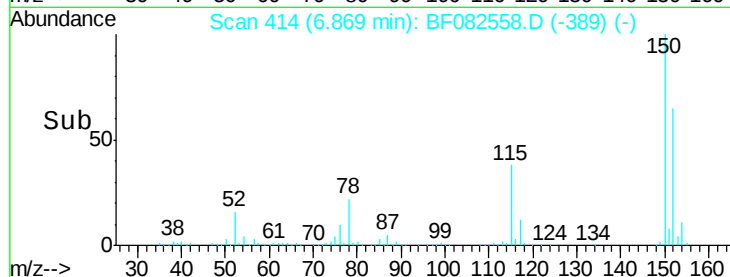
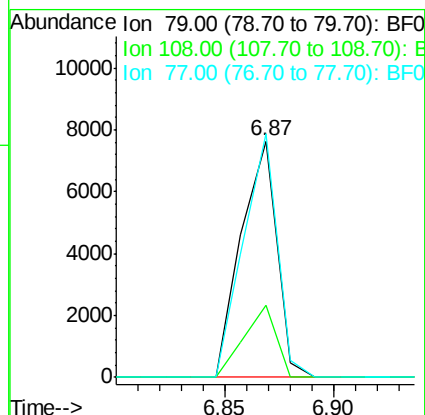
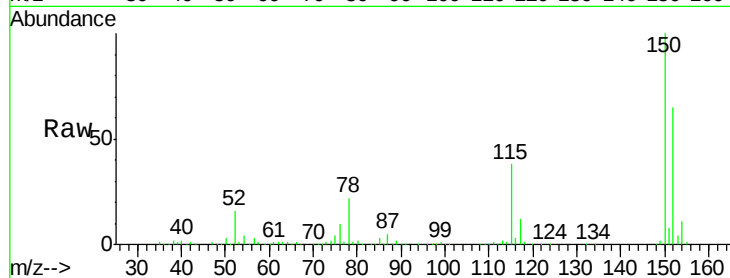
Tgt Ion: 79 Resp: 8737

Ion Ratio Lower Upper

79 100

108 30.6 55.0 82.6#

77 103.1 52.5 78.7#



#19

n-Nitroso-di-n-propylamine

Concen: 20.49 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Tgt Ion: 70 Resp: 72891

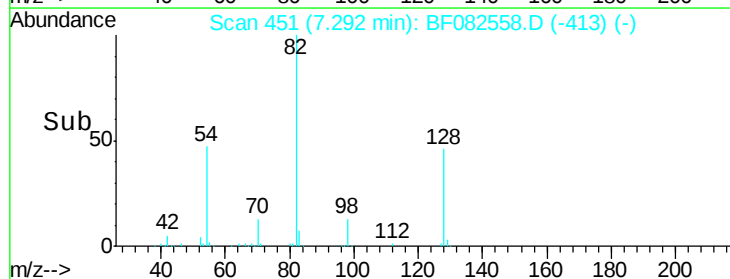
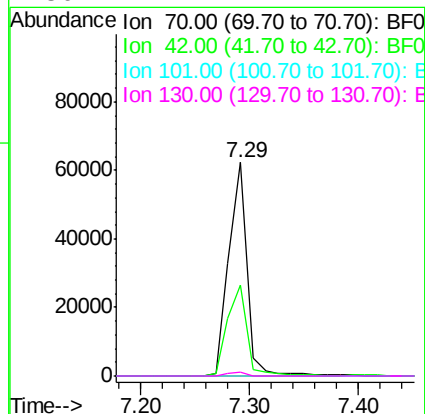
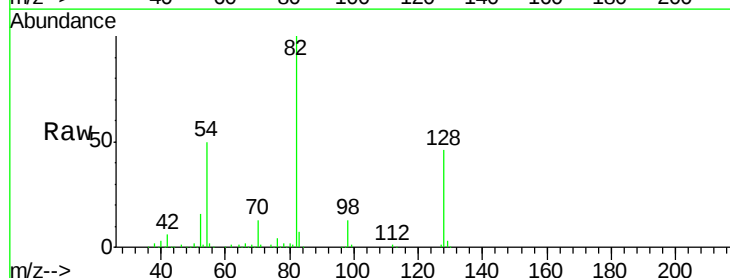
Ion Ratio Lower Upper

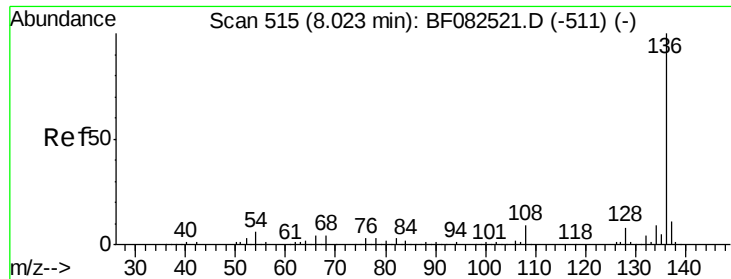
70 100

42 42.8 46.9 70.3#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

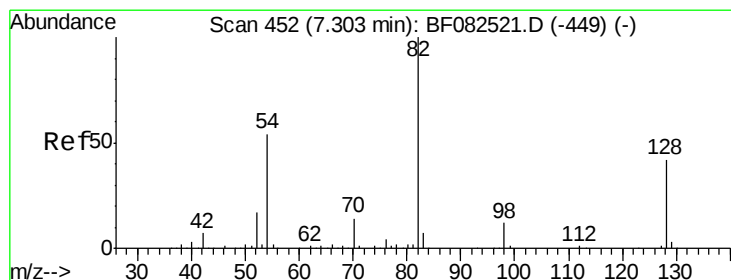
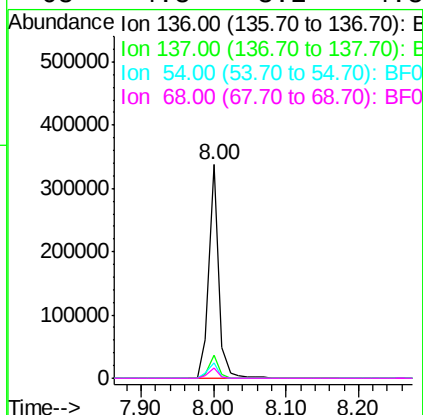
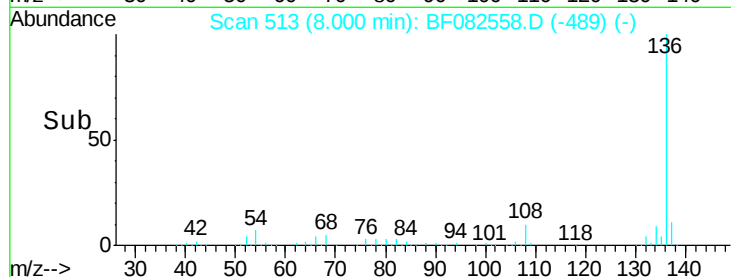
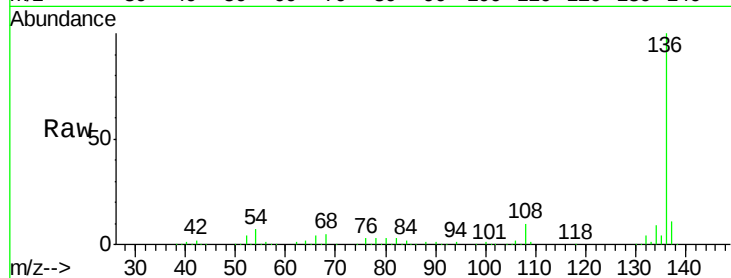




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082558.D
Acq: 27 Oct 2015 20:44

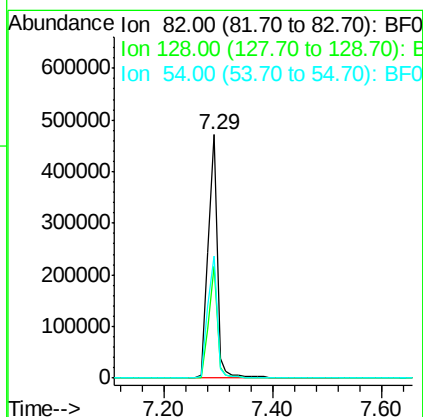
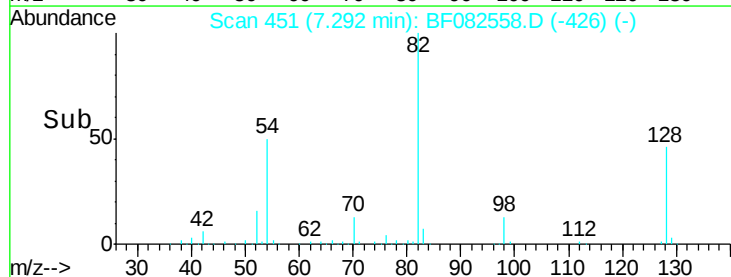
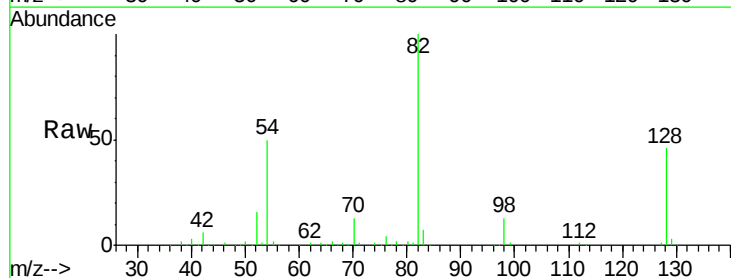
Instrument :
BNA_F
ClientSampleId :
SB-1

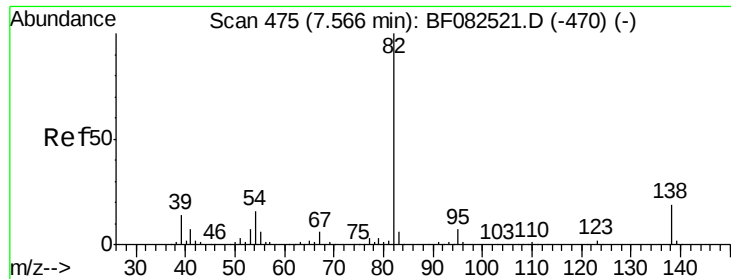
Tgt Ion:	136	Resp:	322140
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	4.6	7.0#
68	4.8	3.2	4.8



#23
Nitrobenzene-d5
Concen: 111.34 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082558.D
Acq: 27 Oct 2015 20:44

Tgt Ion:	82	Resp:	555984
Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.4	50.0
54	49.9	43.5	65.3





#25

Isophorone

Concen: 54.72 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.27 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-1

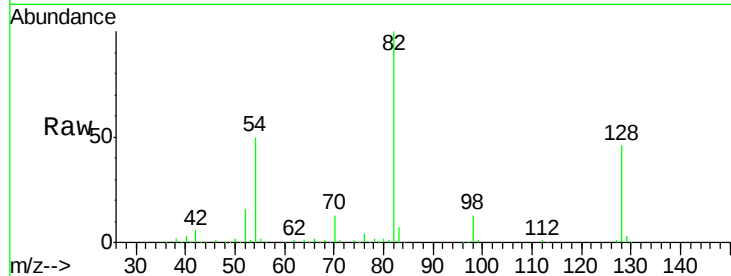
Tgt Ion: 82 Resp: 542876

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.4#

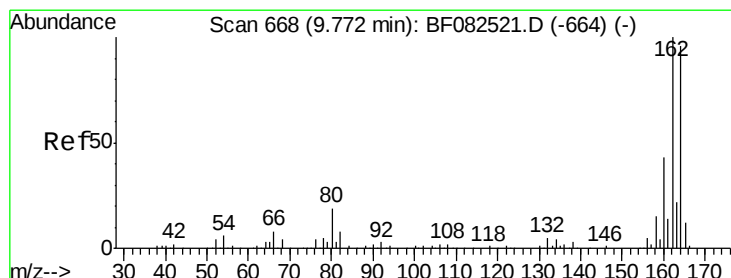
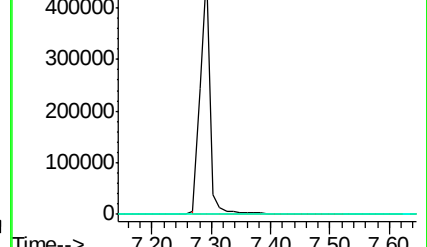
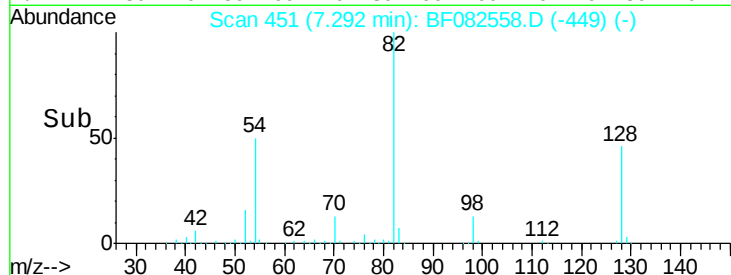


Abundance Ion 82.00 (81.70 to 82.70): BF082521.D (-470) (-)

Ion 95.00 (94.70 to 95.70): BF082521.D (-470) (-)

Ion 138.00 (137.70 to 138.70): BF082521.D (-470) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

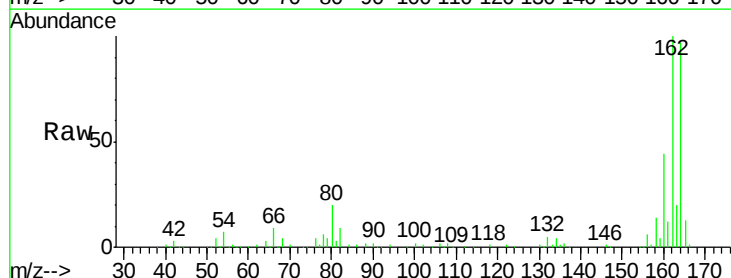
Tgt Ion: 164 Resp: 151918

Ion Ratio Lower Upper

164 100

162 103.5 83.6 125.4

160 45.2 36.0 54.0

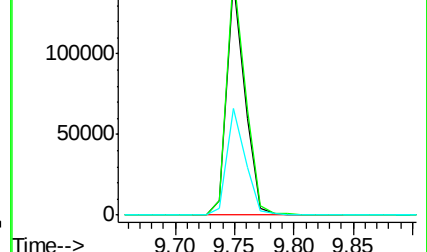
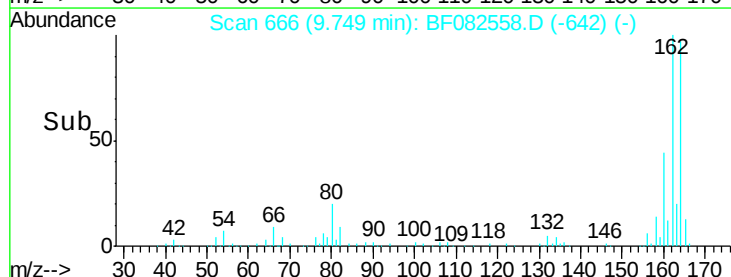


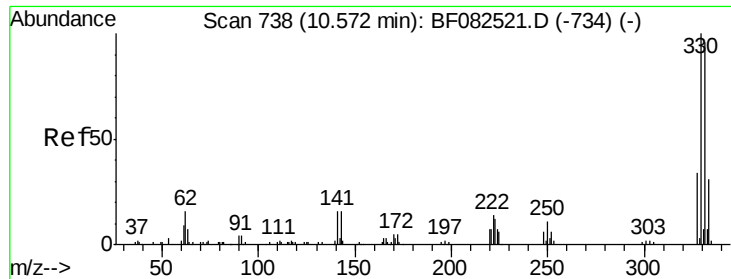
Abundance Ion 164.00 (163.70 to 164.70): BF082521.D (-664) (-)

Ion 162.00 (161.70 to 162.70): BF082521.D (-664) (-)

Ion 160.00 (159.70 to 160.70): BF082521.D (-664) (-)

Time-->

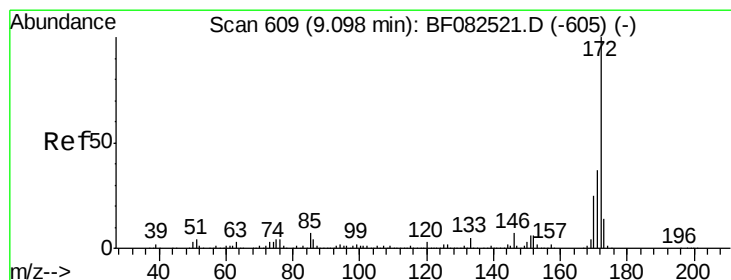
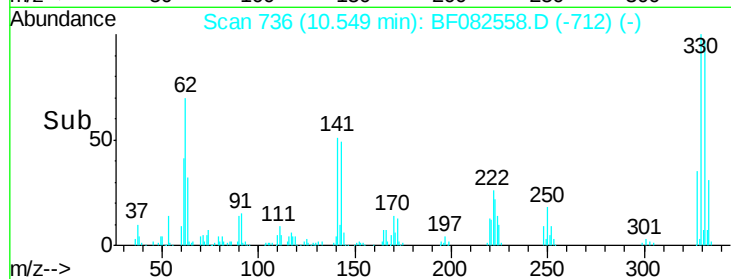
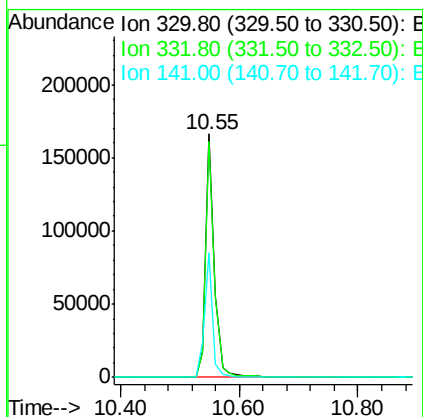
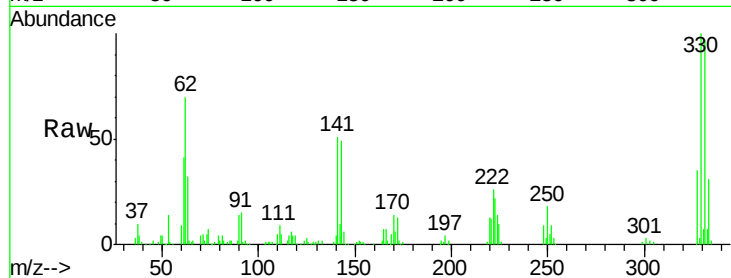




#41
 2,4,6-Tribromophenol
 Concen: 155.87 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

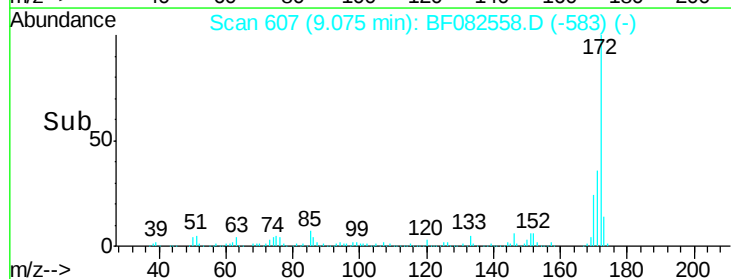
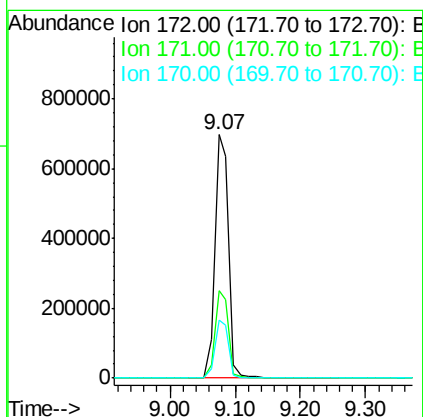
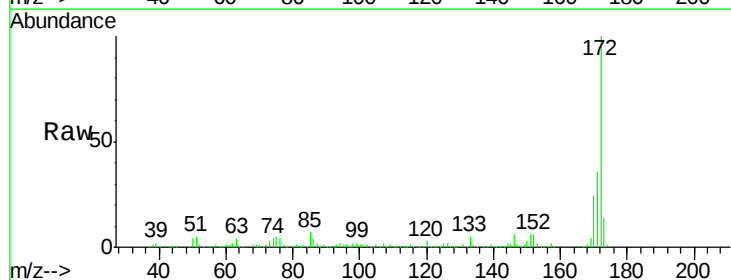
Instrument :
 BNA_F
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 SB-1

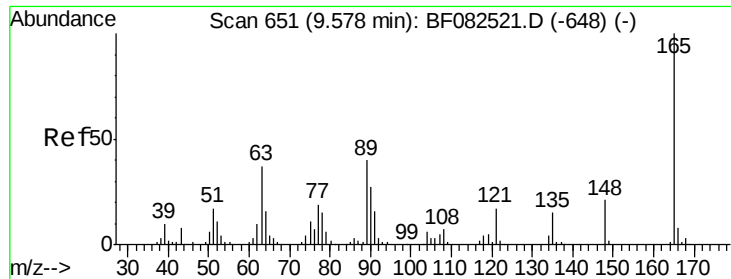
Tgt Ion:330 Resp: 177320
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 48.0 32.5 48.7



#44
 2-Fluorobiphenyl
 Concen: 108.86 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Tgt Ion:172 Resp: 1039992
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.3 43.9
 170 23.9 19.8 29.6

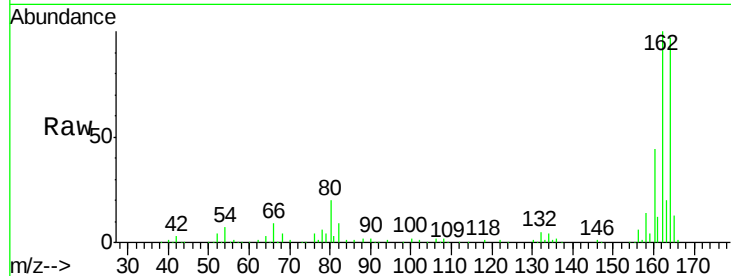




#50
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.75 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

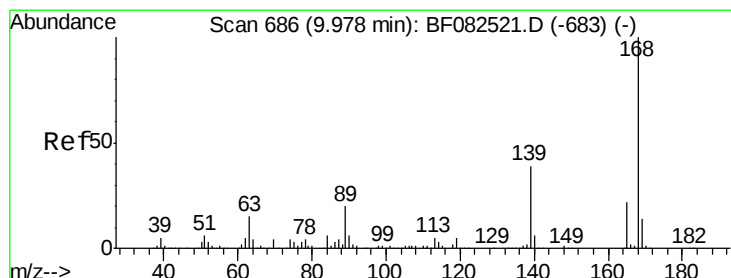
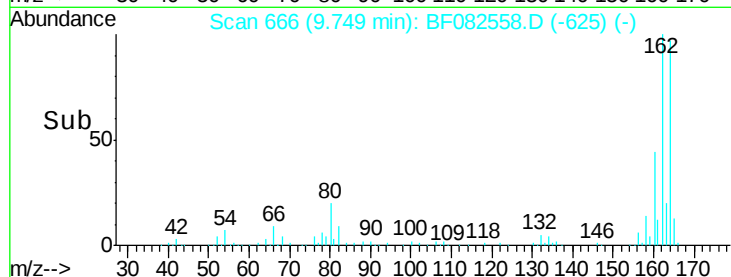
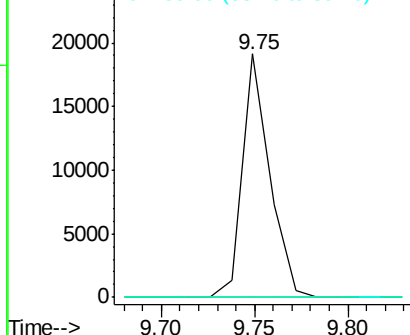
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.7	46.1#
89	0.0	31.8	47.8#



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: 6.90 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

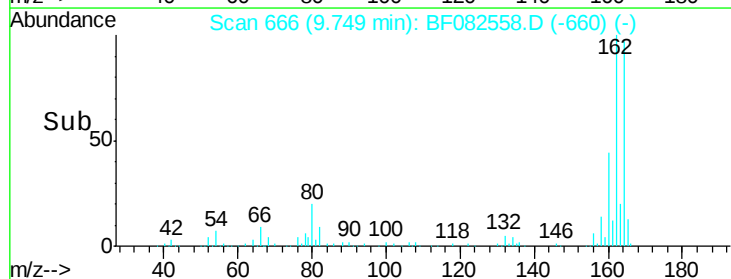
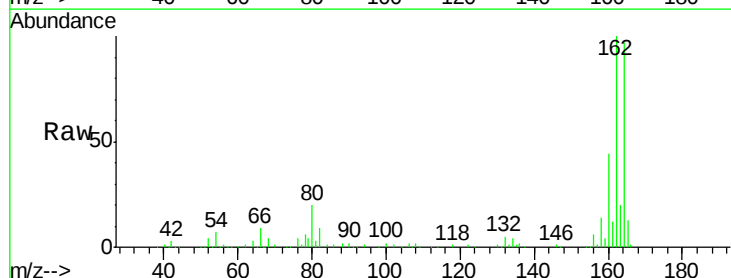
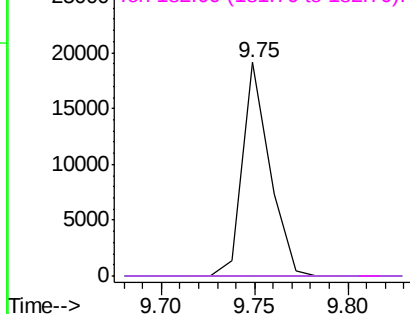
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.6	88.0#
89	0.0	72.3	108.5#
182	0.0	1.8	2.8#

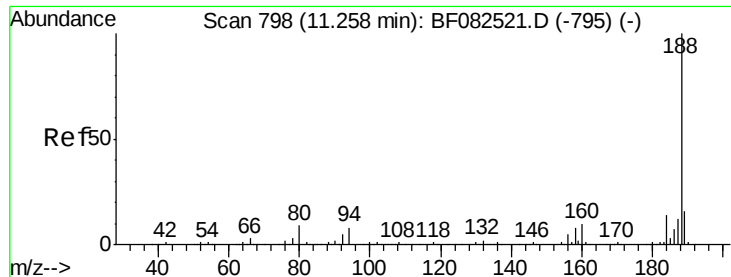
Abundance Ion 165.00 (164.70 to 165.70): E

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

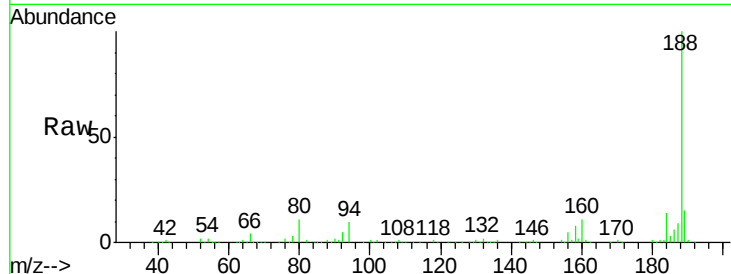




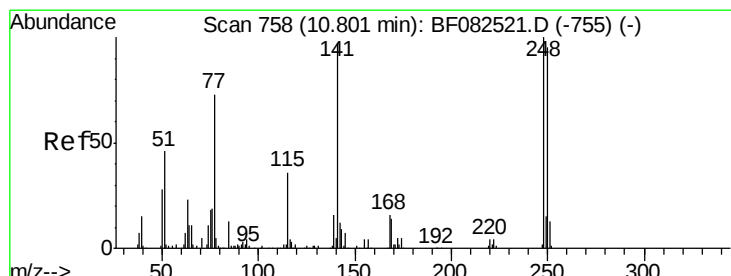
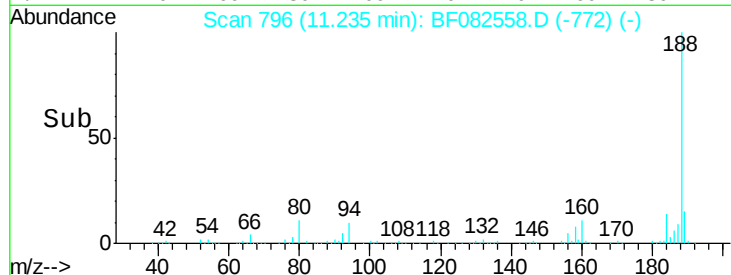
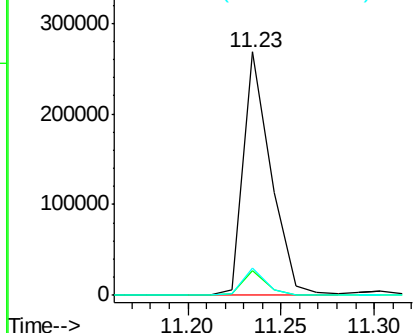
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082558.D
Acq: 27 Oct 2015 20:44

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:188 Resp: 277535
Ion Ratio Lower Upper
188 100
94 10.1 6.4 9.6#
80 11.2 7.0 10.6#

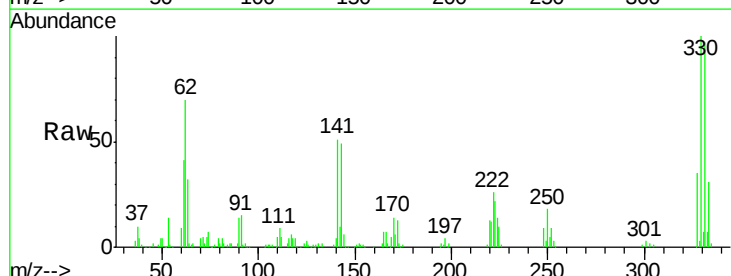


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

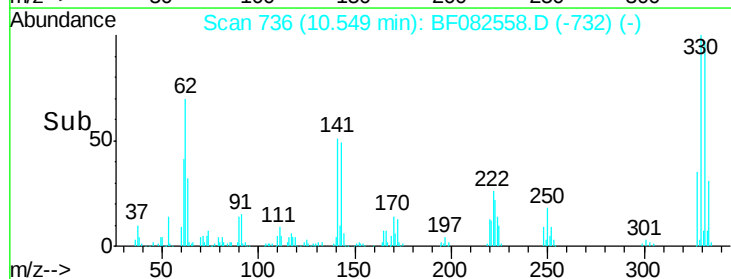
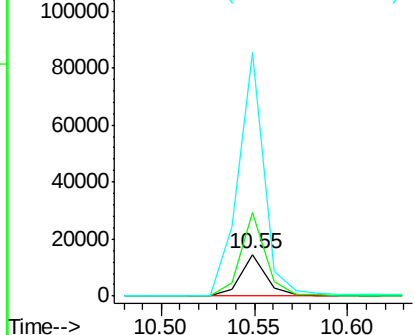


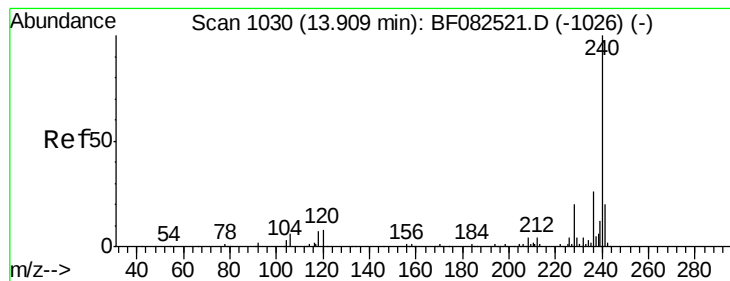
#66
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.25 min
Lab File: BF082558.D
Acq: 27 Oct 2015 20:44

Tgt Ion:248 Resp: 13948
Ion Ratio Lower Upper
248 100
250 201.3 76.0 114.0#
141 582.5 77.5 116.3#



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: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-1

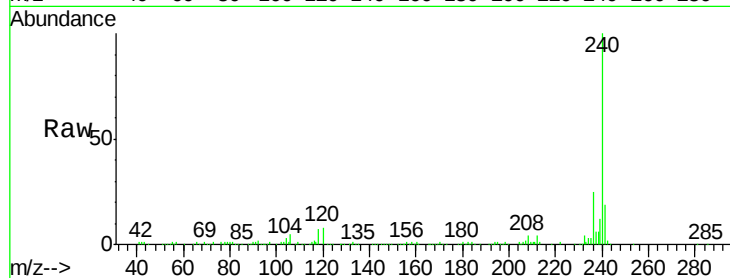
Tgt Ion:240 Resp: 176084

Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

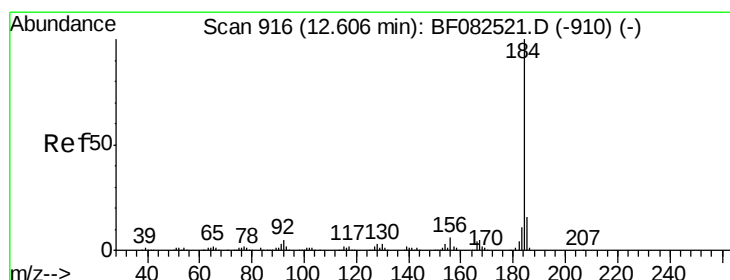
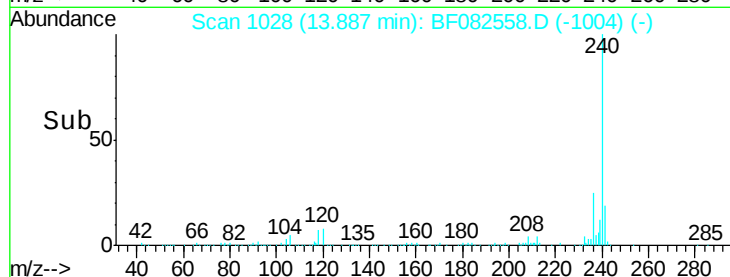
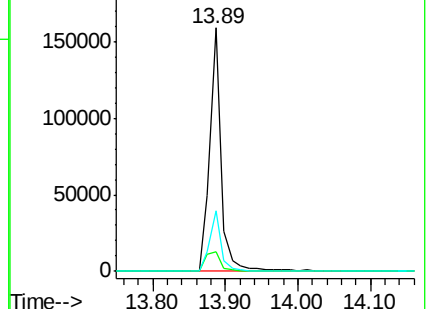
236 25.1 20.5 30.7



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: 2.41 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.22 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

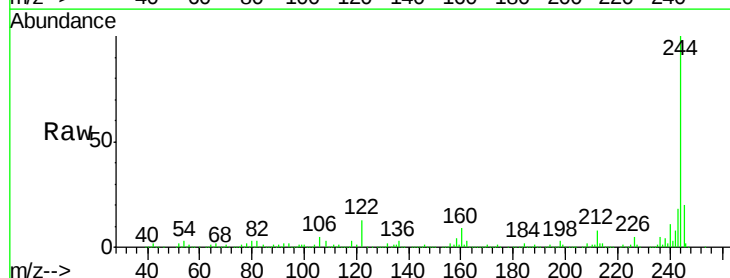
Tgt Ion:184 Resp: 11653

Ion Ratio Lower Upper

184 100

185 19.5 12.8 19.2#

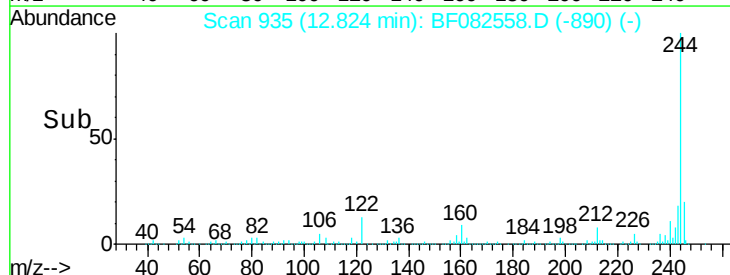
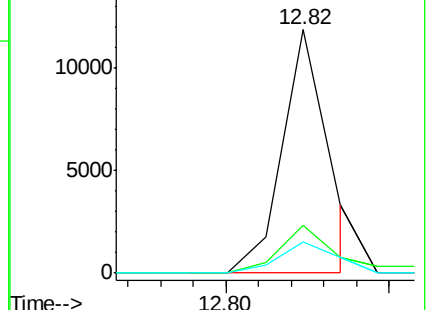
183 12.7 8.9 13.3

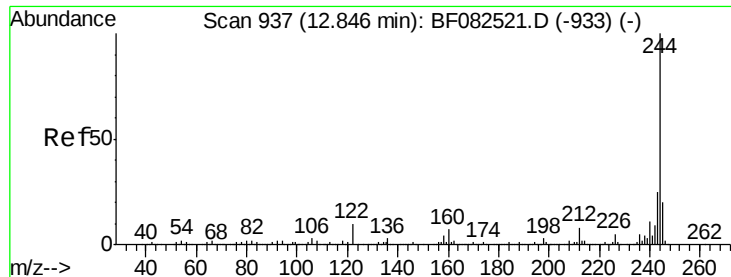


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

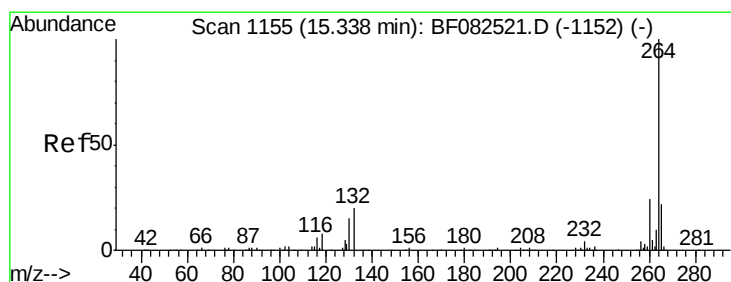
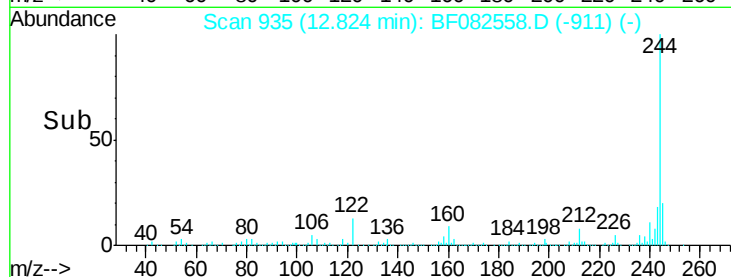
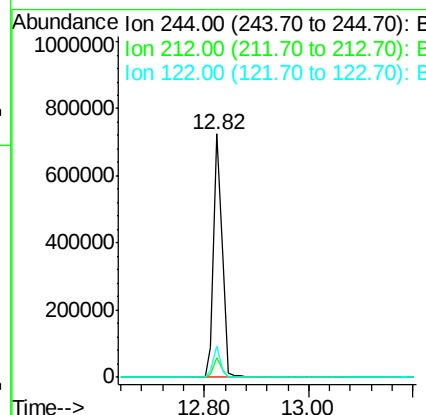
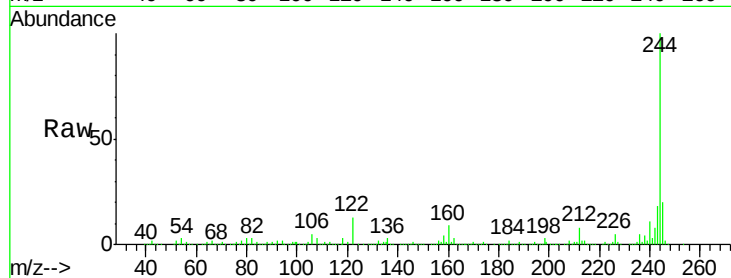




#78
 Terphenyl-d14
 Concen: 133.93 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:244 Resp: 818590
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 13.0 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Tgt Ion:264 Resp: 162917
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.4 17.8 26.6

