

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082290.D
 Acq On : 14 Oct 2015 20:36
 Operator : UM/IZ
 Sample : G4015-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-10

Quant Time: Oct 15 01:49:44 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

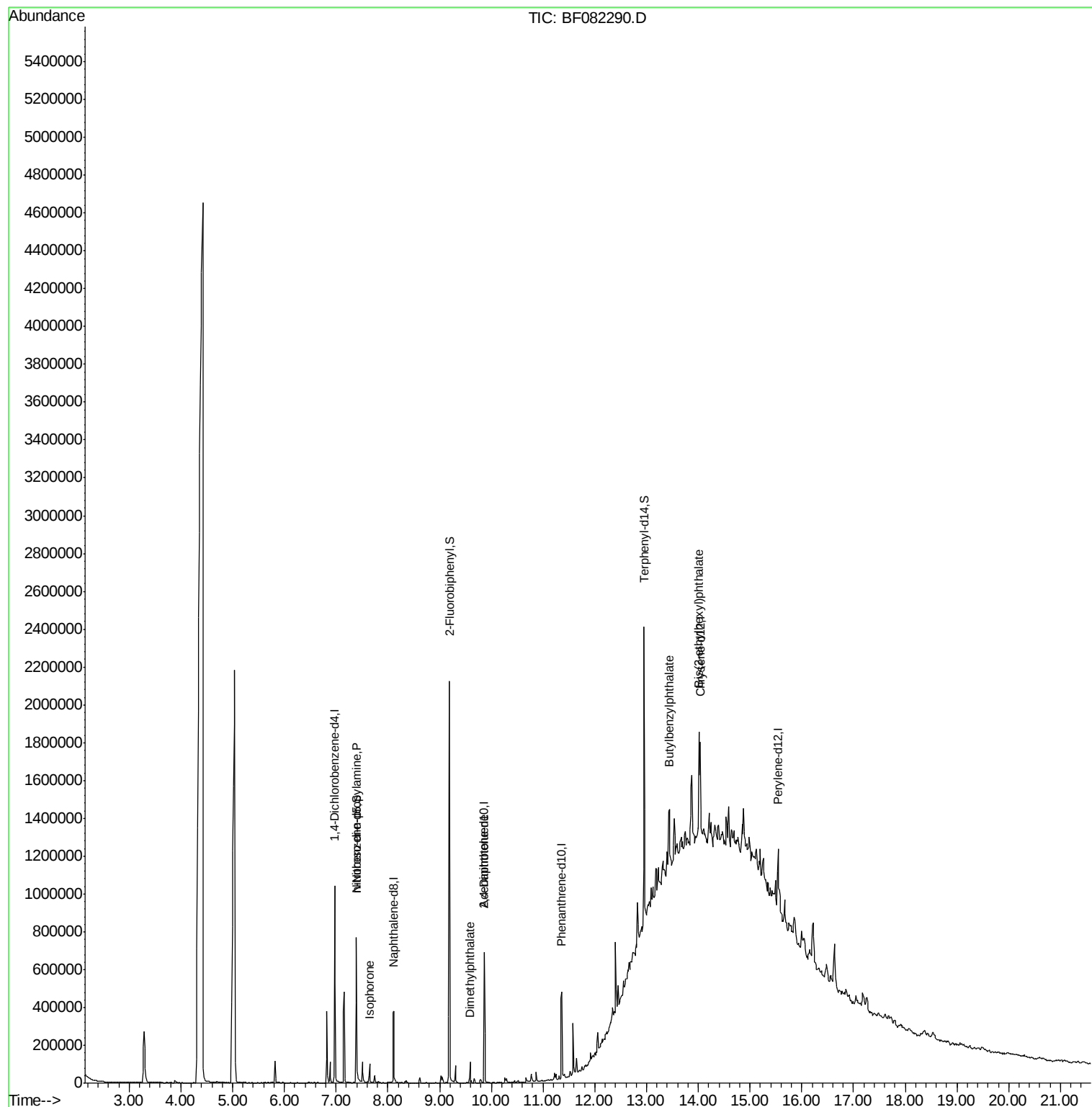
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	198929	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	289018	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	150407	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	292729	20.00	ng	0.00
75) Chrysene-d12	14.04	240	213375	20.00	ng	-0.09
86) Perylene-d12	15.54	264	166780	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.47	99	3690	0.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	324660	75.44	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	668179	73.67	ng	-0.01
78) Terphenyl-d14	12.95	244	621104	77.14	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	41456	4.60	ng	# 78
25) Isophorone	7.65	82	43437	5.00	ng	95
49) Dimethylphthalate	9.59	163	50284	4.75	ng	98
56) 2,4-Dinitrotoluene	9.86	165	18749	6.71	ng	# 22
79) Butylbenzylphthalate	13.43	149	79509	13.76	ng	86
83) Bis(2-ethylhexyl)phthalate	14.01	149	211728	25.68	ng	# 97

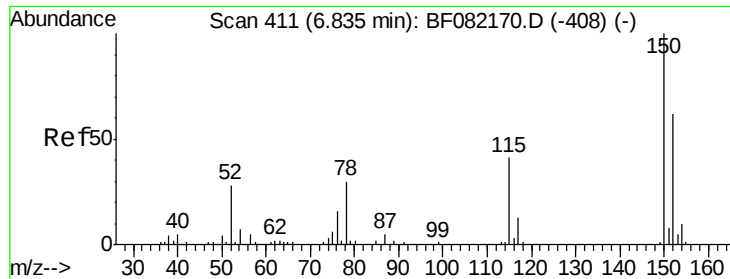
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082290.D
Acq On : 14 Oct 2015 20:36
Operator : UM/IZ
Sample : G4015-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LF-10

Quant Time: Oct 15 01:49:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 423

Delta R.T. 0.15 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

Instrument :

BNA_F

ClientSampleId :

LF-10

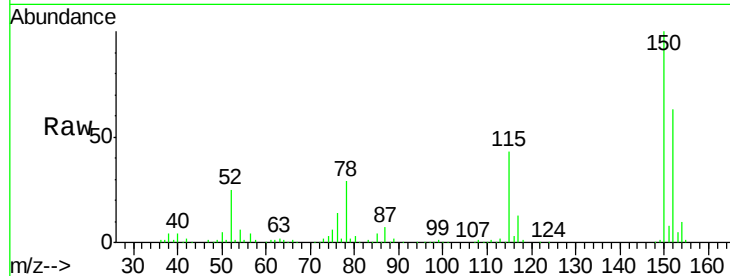
Tot Ion:152 Resp: 198929

Ion Ratio Lower Upper

152 100

150 157.9 129.0 193.4

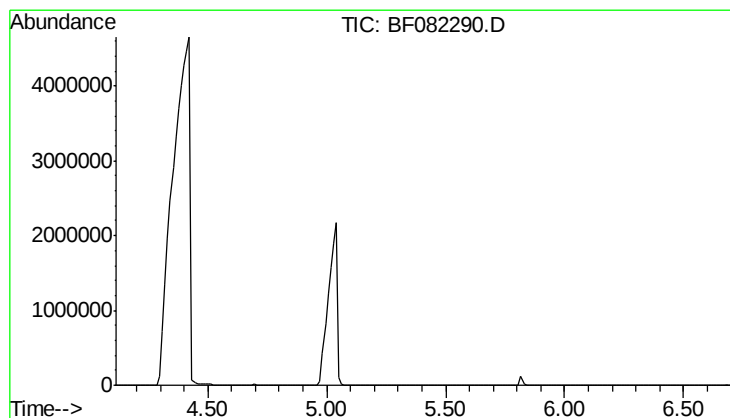
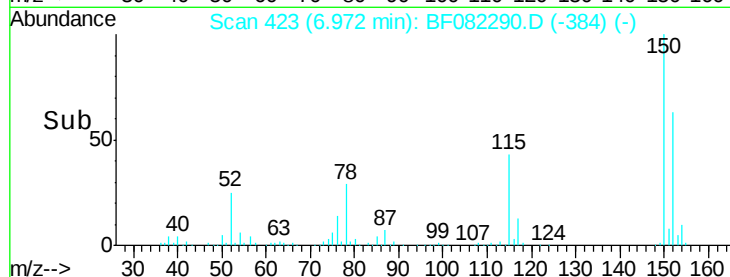
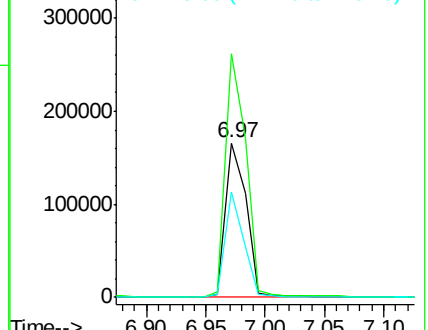
115 68.6 52.1 78.1



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: 0.00 ng

Expected RT: 5.41 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

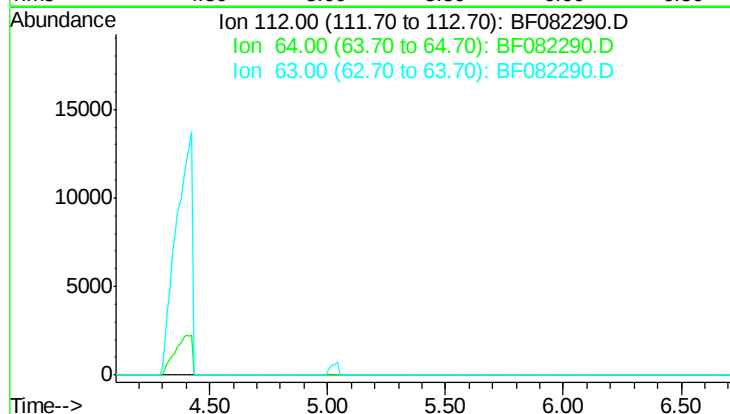
Tgt Ion: 112

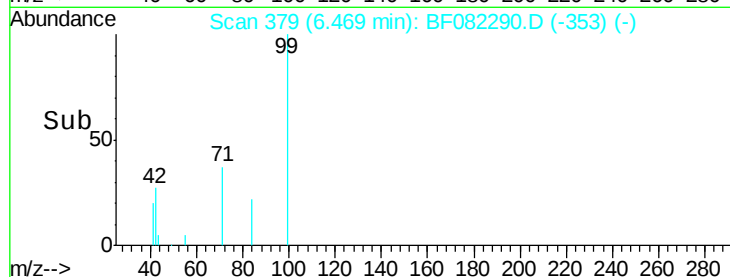
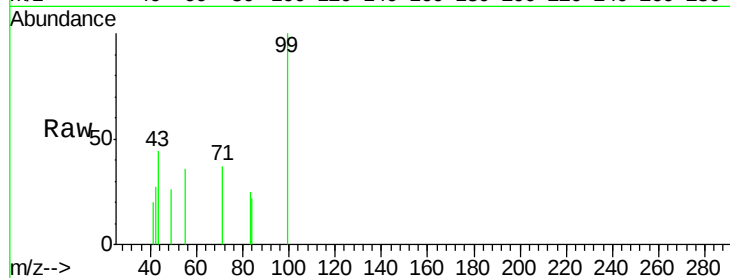
Sig Exp Ratio

112 100

64 60.8

63 31.4





#7

Phenol-d6

Concen: 0.29 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

Instrument :

BNA_F

ClientSampleId :

LF-10

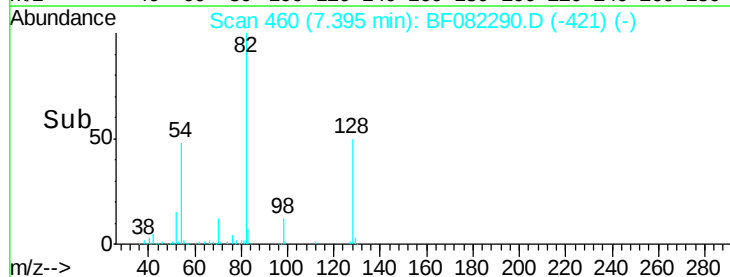
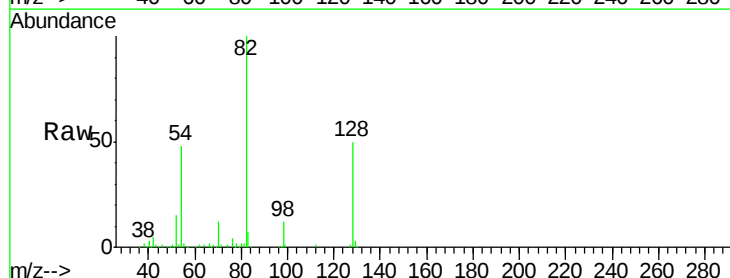
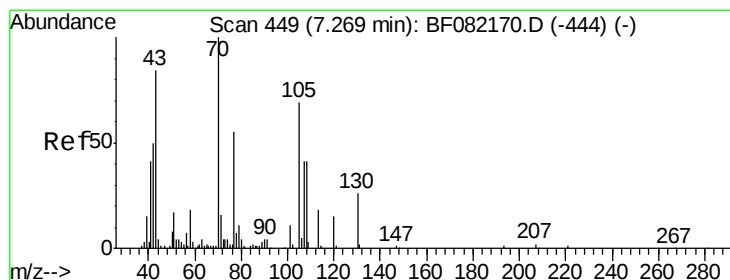
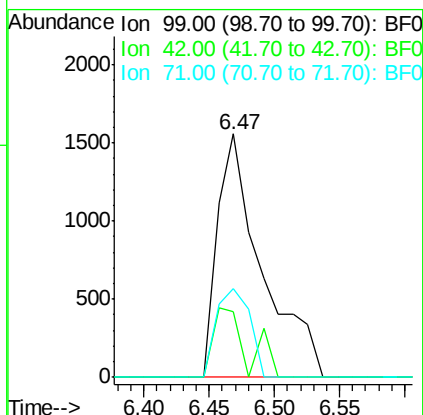
Tot Ion: 99 Resp: 3690

Ion Ratio Lower Upper

99 100

42 27.1 13.2 19.8#

71 36.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.60 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

Tgt Ion: 70 Resp: 41456

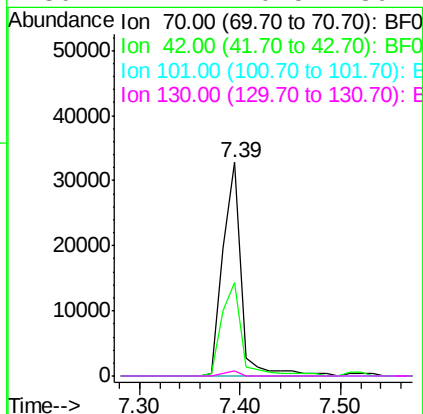
Ion Ratio Lower Upper

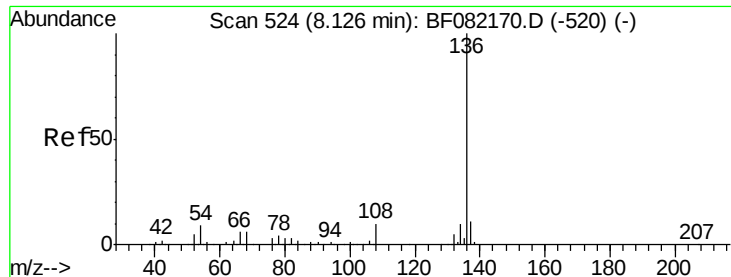
70 100

42 43.6 39.8 59.8

101 0.0 8.6 13.0#

130 2.7 20.5 30.7#

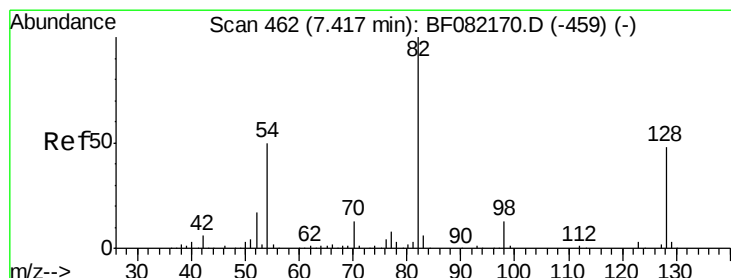
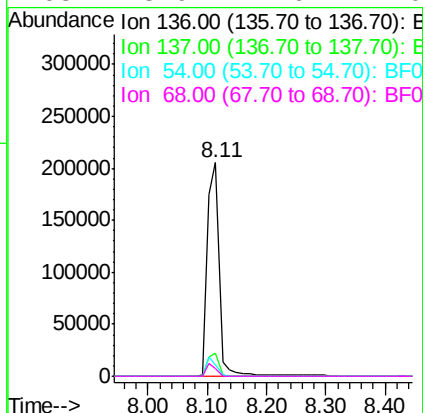
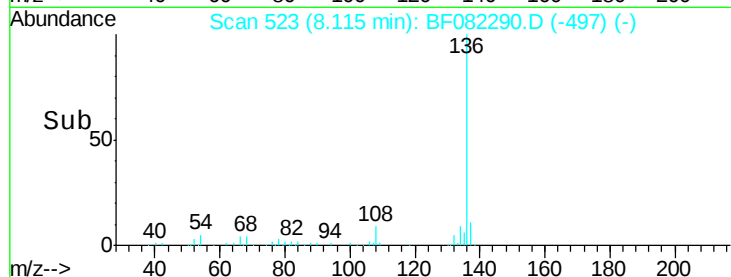
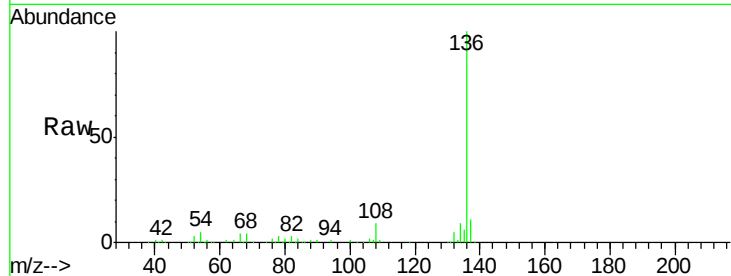




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082290.D
Acq: 14 Oct 2015 20:36

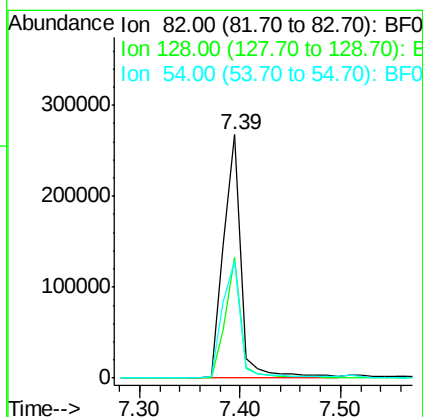
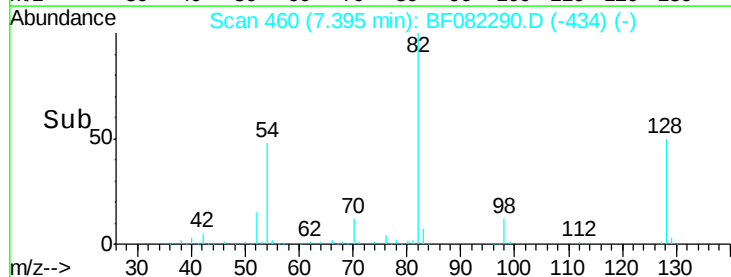
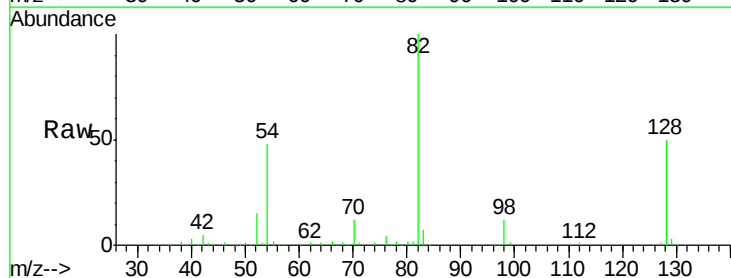
Instrument :
BNA_F
ClientSampleId :
LF-10

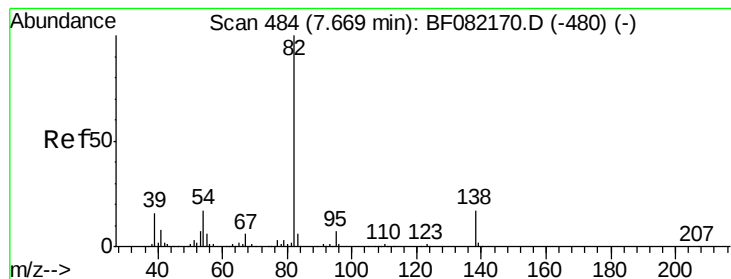
Tot Ion:136	Resp:	289018
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	5.4	7.5 11.3#
68	3.9	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 75.44 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082290.D
Acq: 14 Oct 2015 20:36

Tgt Ion: 82	Resp:	324660
Ion Ratio	Lower	Upper
82	100	
128	49.7	38.7 58.1
54	48.3	40.1 60.1





#25

Isophorone

Concen: 5.00 ng

RT: 7.65 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

Instrument :

BNA_F

ClientSampleId :

LF-10

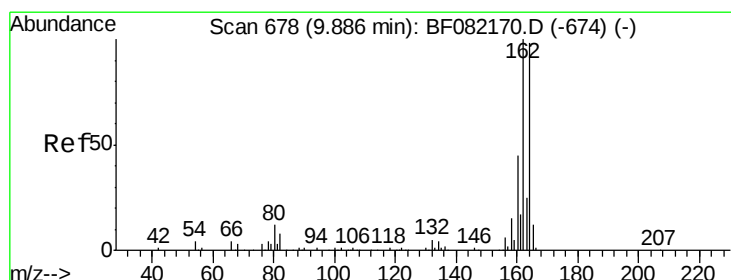
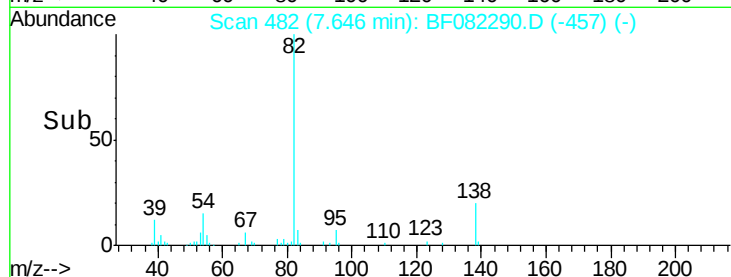
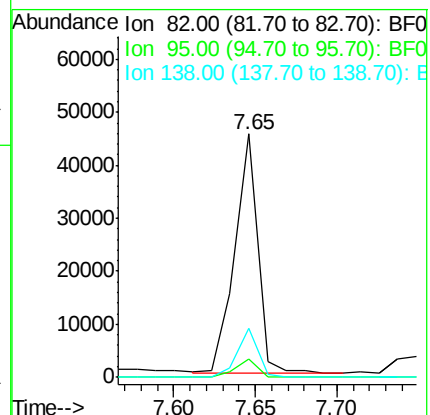
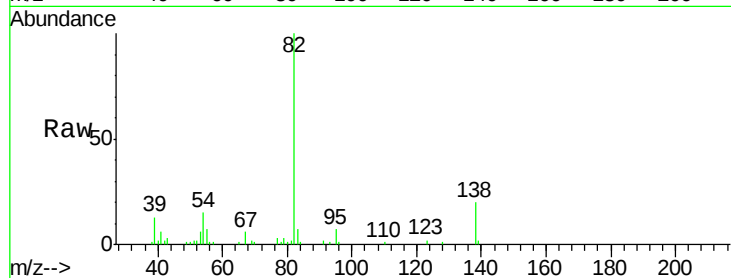
Tot Ion: 82 Resp: 43437

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 20.1 13.6 20.4



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

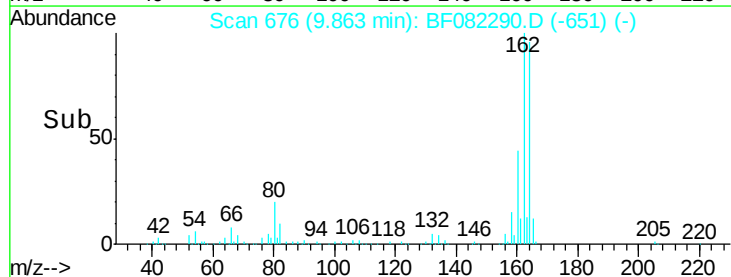
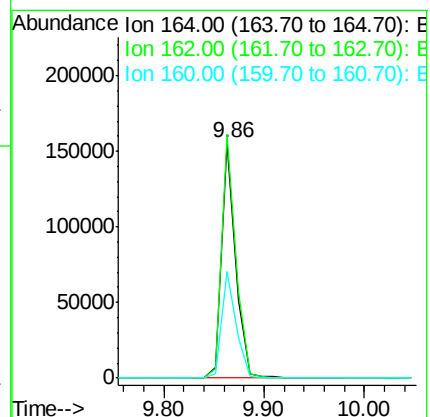
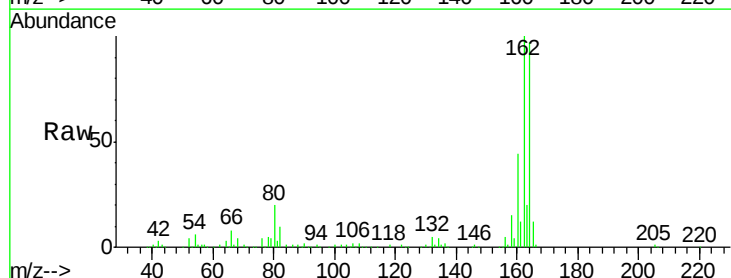
Tgt Ion: 164 Resp: 150407

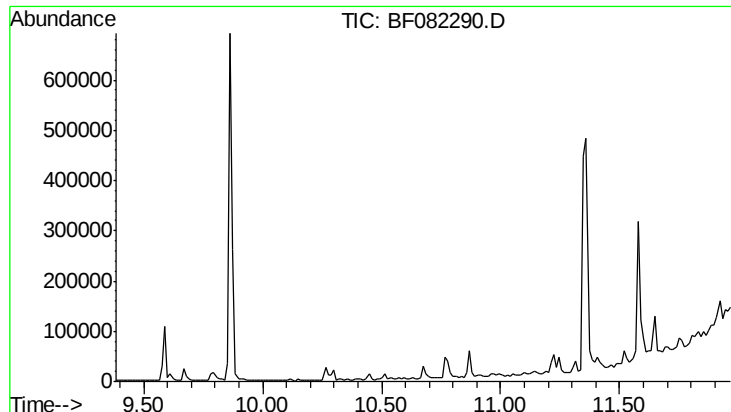
Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 45.4 36.4 54.6

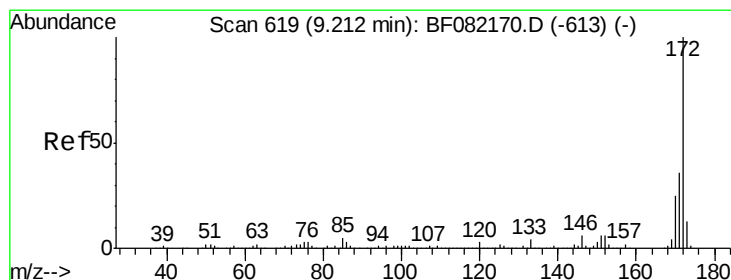
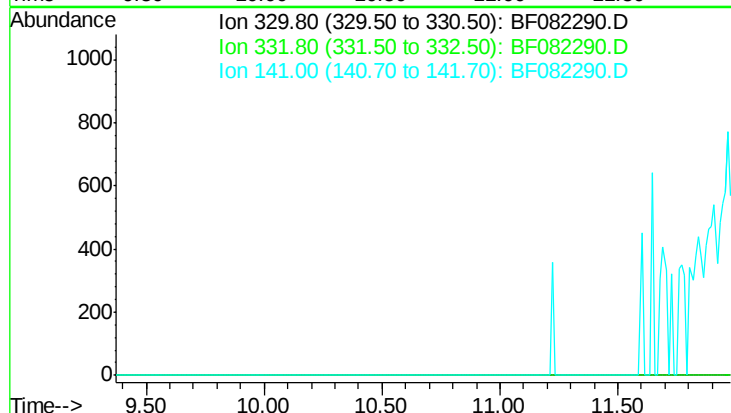




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF082290.D
 Acq: 14 Oct 2015 20:36

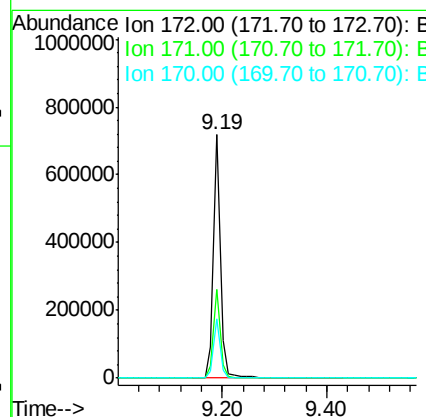
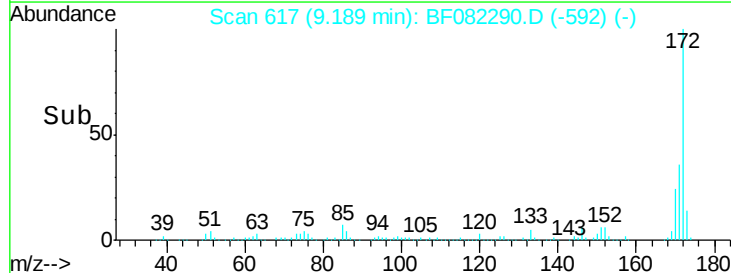
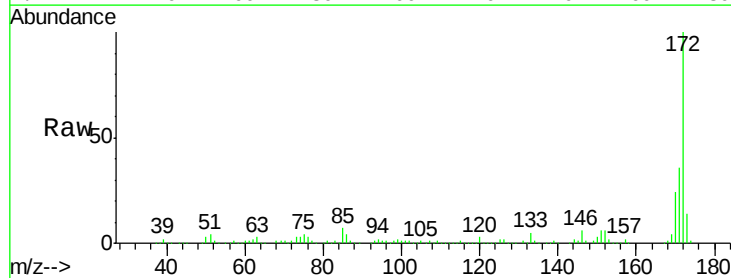
Instrument :
 BNA_F
 ClientSampleId :
 LF-10

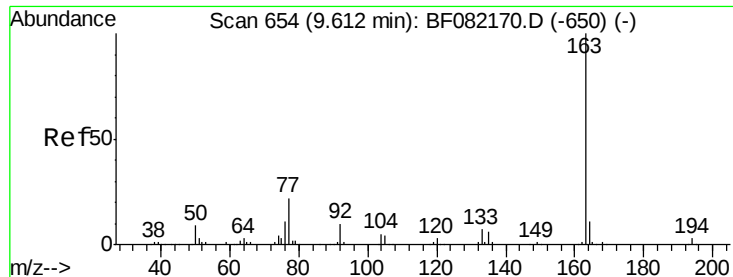
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 37.3



#44
 2-Fluorobiphenyl
 Concen: 73.67 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082290.D
 Acq: 14 Oct 2015 20:36

Tgt Ion: 172 Resp: 668179
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.5 19.7 29.5

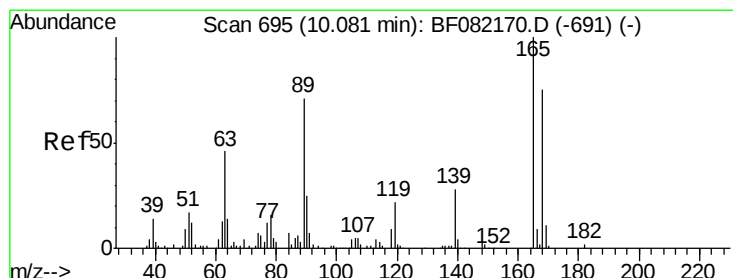
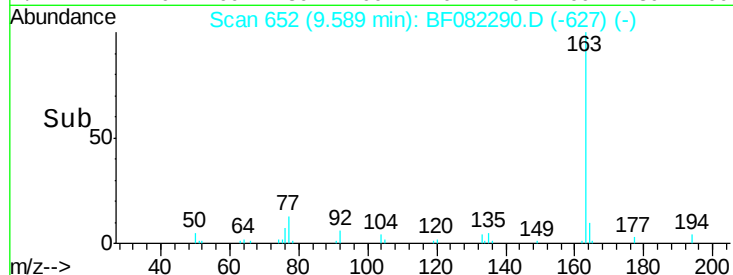
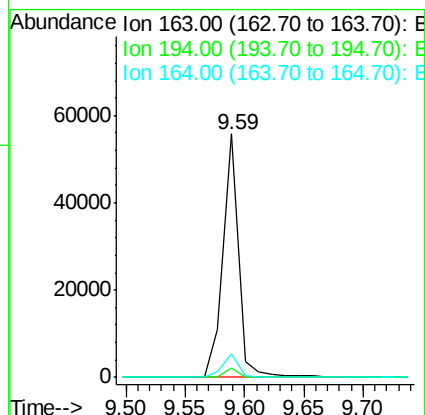
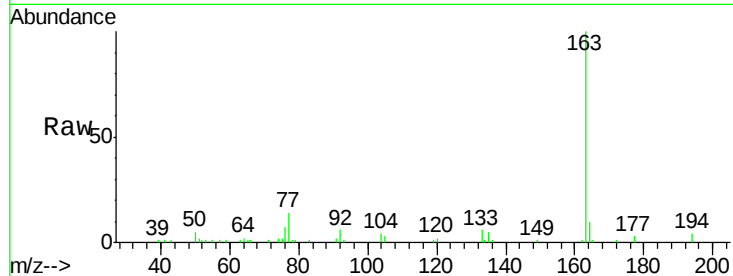




#49
Dimethylphthalate
Concen: 4.75 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082290.D
Acq: 14 Oct 2015 20:36

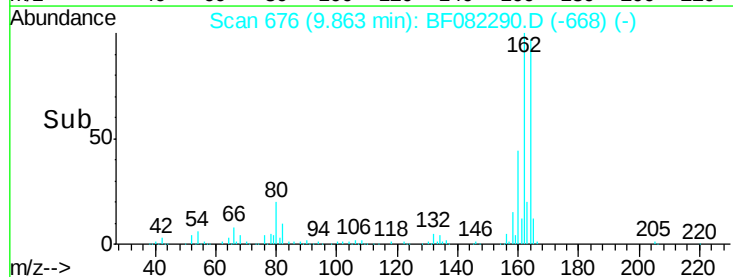
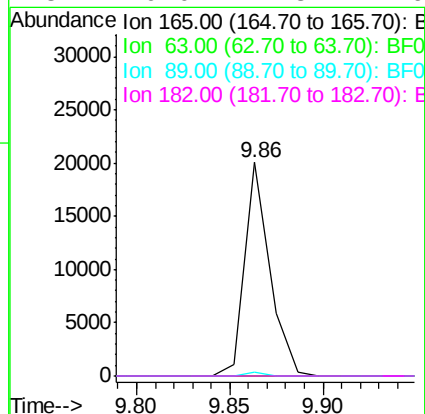
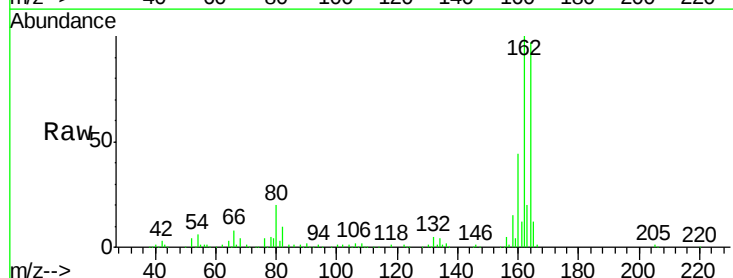
Instrument :
BNA_F
ClientSampled :
LF-10

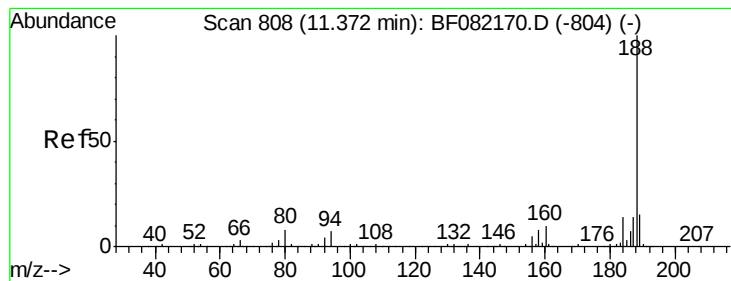
Tot Ion:163 Resp: 50284
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF082290.D
Acq: 14 Oct 2015 20:36

Tgt Ion:165 Resp: 18749
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 1.5 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: BF082290.D

Acq: 14 Oct 2015 20:36

Instrument :

BNA_F

ClientSampled :

LF-10

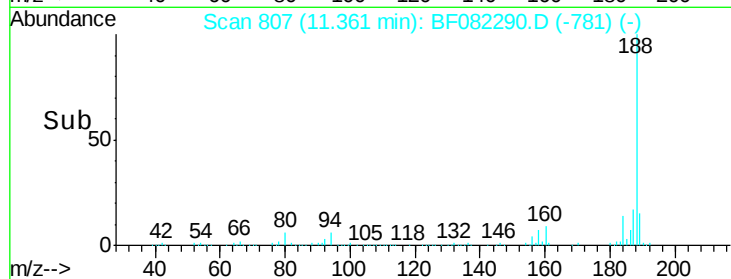
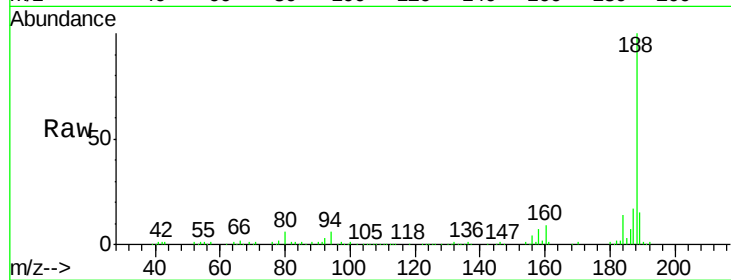
Tot Ion:188 Resp: 292729

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.6#

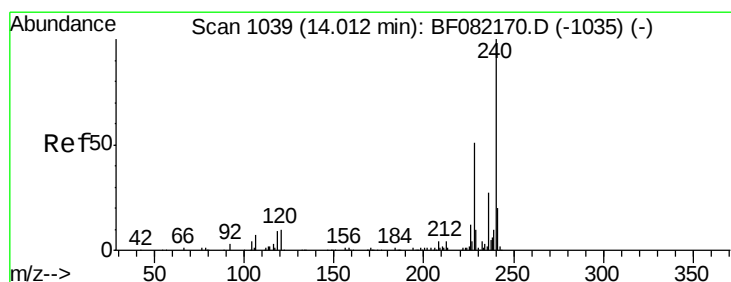
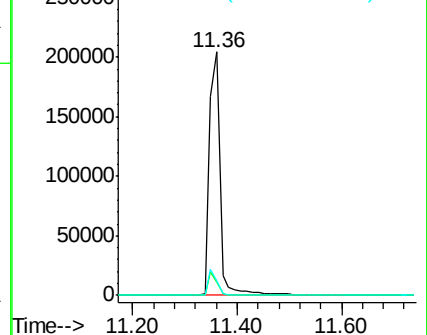
80 5.8 6.4 9.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.09 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

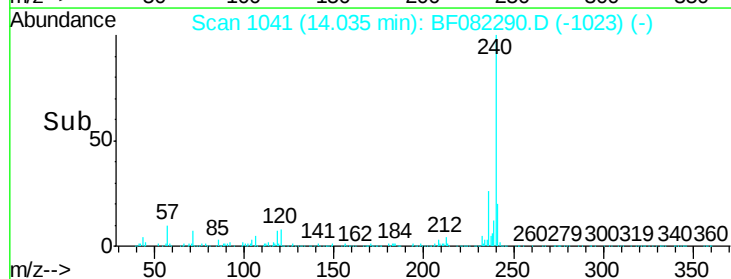
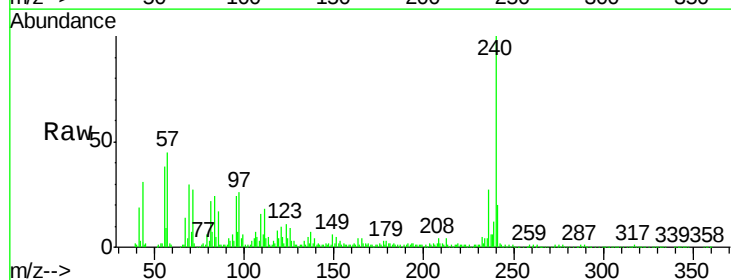
Tgt Ion:240 Resp: 213375

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

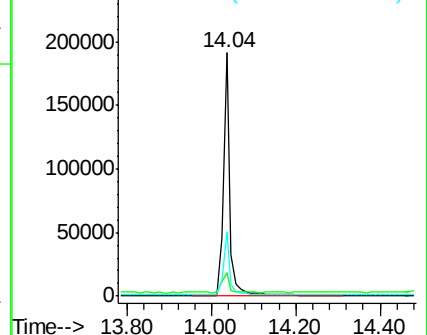
236 26.7 21.3 31.9

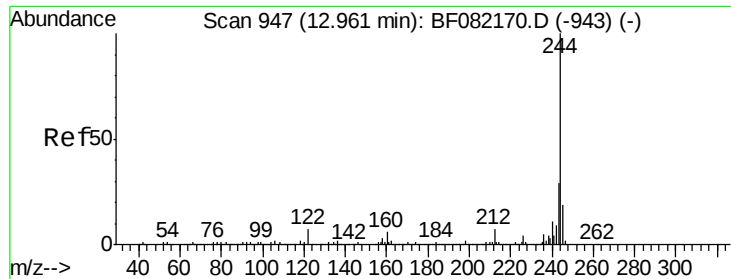


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.14 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.03 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

Instrument :

BNA_F

ClientSampleId :

LF-10

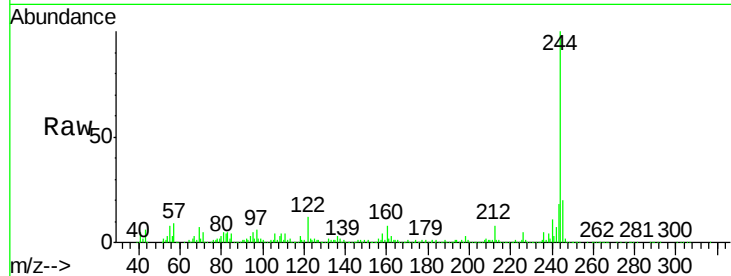
Tot Ion:244 Resp: 621104

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

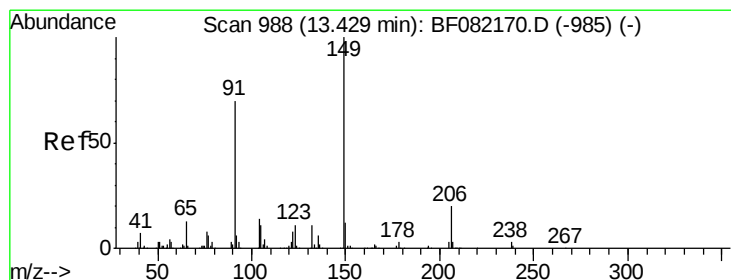
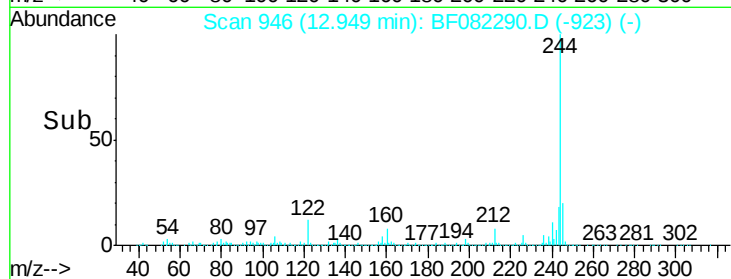
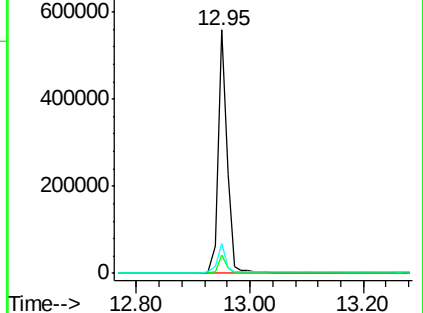
122 12.2 5.9 8.9#



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



#79

Butylbenzylphthalate

Concen: 13.76 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.06 min

Lab File: BF082290.D

Acq: 14 Oct 2015 20:36

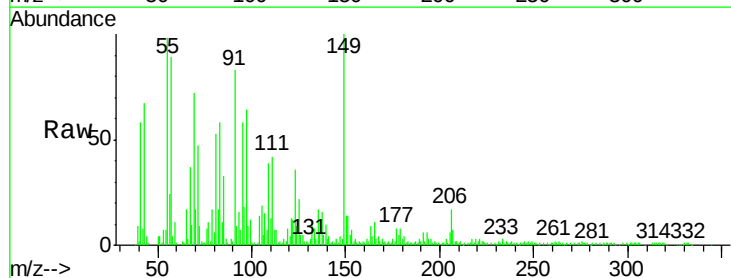
Tgt Ion:149 Resp: 79509

Ion Ratio Lower Upper

149 100

91 82.9 55.7 83.5

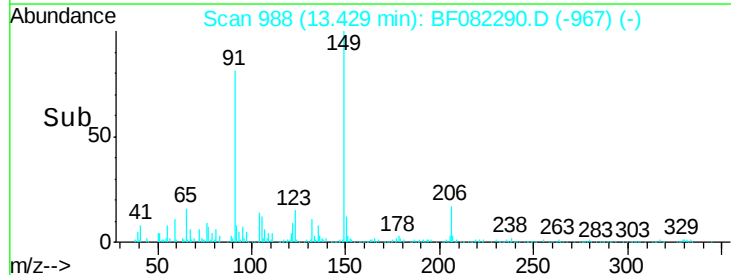
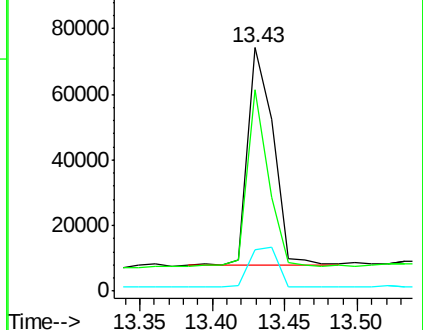
206 16.9 15.6 23.4

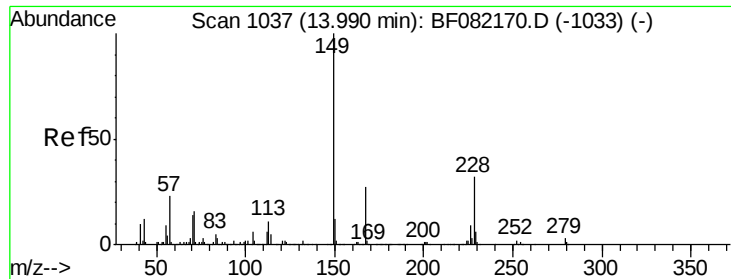


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

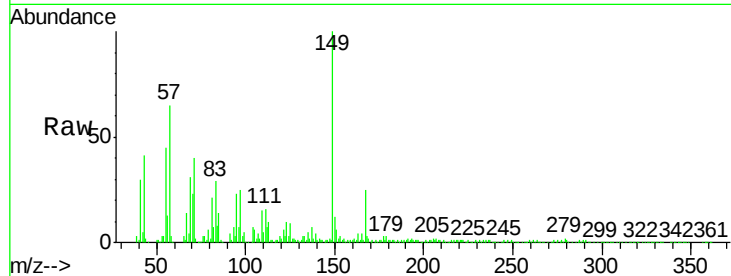




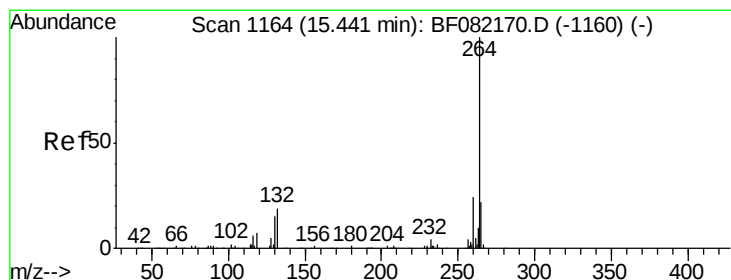
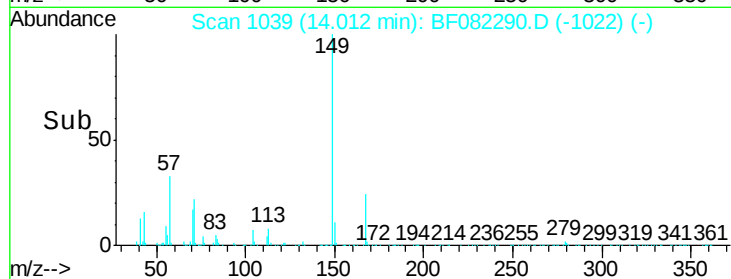
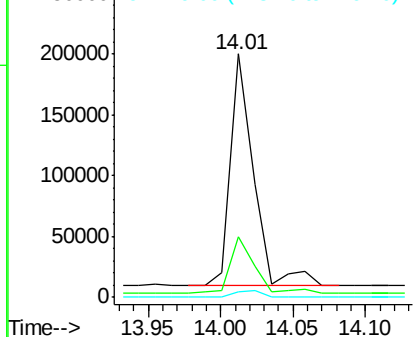
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.68 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.10 min
 Lab File: BF082290.D
 Acq: 14 Oct 2015 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LF-10

Tot Ion:149 Resp: 211728
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.3 31.9
 279 2.4 2.6 4.0#

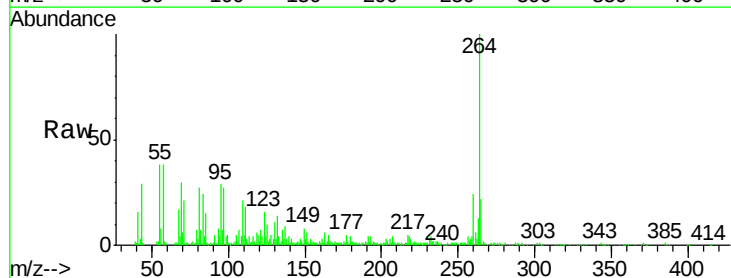


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1173
 Delta R.T. -0.19 min
 Lab File: BF082290.D
 Acq: 14 Oct 2015 20:36

Tgt Ion:264 Resp: 166780
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 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

