

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082202.D
 Acq On : 11 Oct 2015 4:11
 Operator : UM/IZ
 Sample : G3979-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:04:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

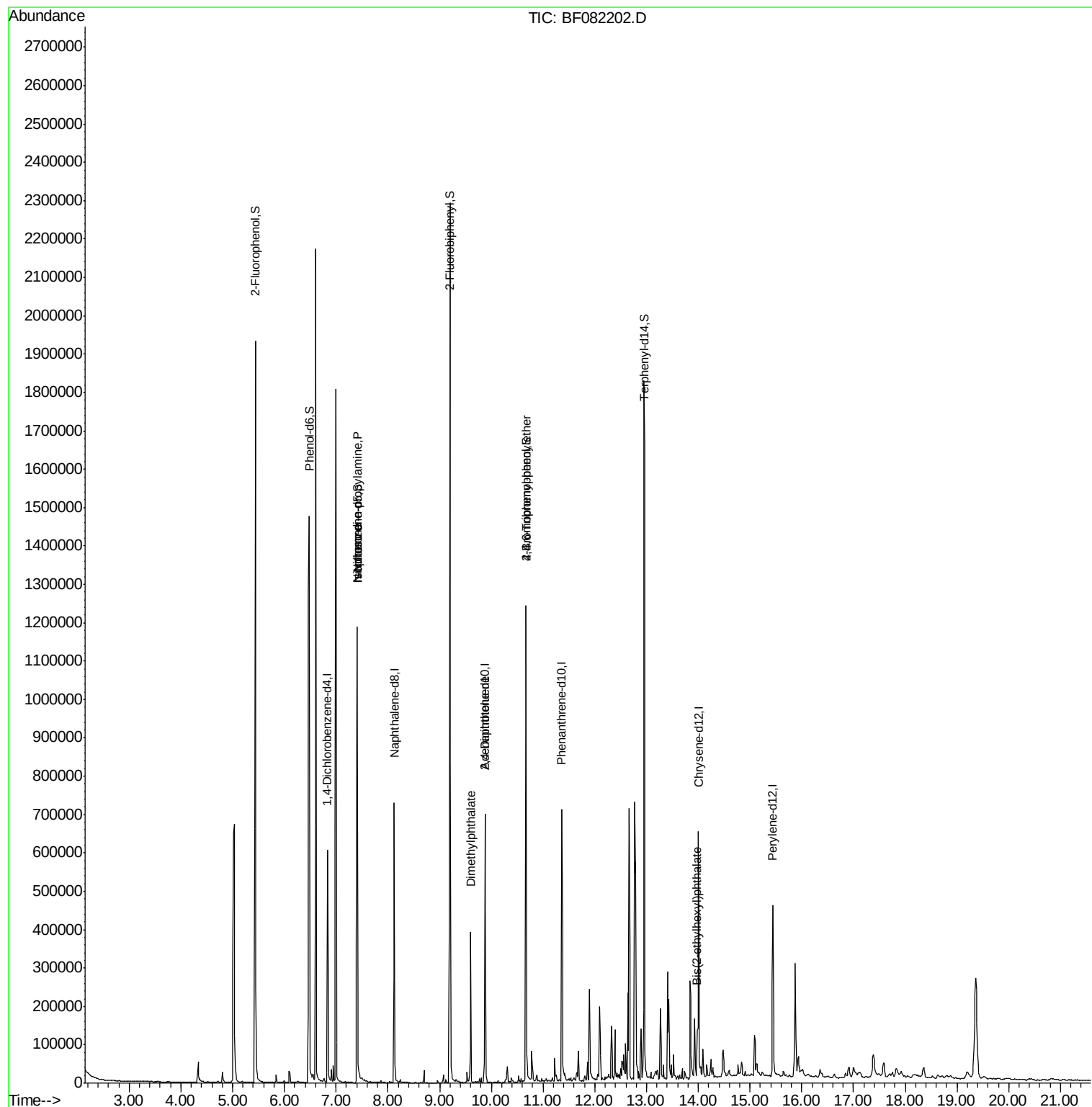
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98636	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	392180	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	183876	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	353679	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	290960	20.00	ng	-0.01
86) Perylene-d12	15.44	264	225534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	572439	117.13	ng	0.01
7) Phenol-d6	6.48	99	806475	126.80	ng	0.00
23) Nitrobenzene-d5	7.41	82	464742	79.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	224517	130.20	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	891693	80.42	ng	-0.01
78) Terphenyl-d14	12.96	244	923185	84.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	59716	13.37	ng	# 80
25) Isophorone	7.41	82	372697	31.62	ng	# 66
49) Dimethylphthalate	9.60	163	171226	13.22	ng	99
56) 2,4-Dinitrotoluene	9.87	165	23852	6.99	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	14647	4.14	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.98	149	43372	3.86	ng	# 93

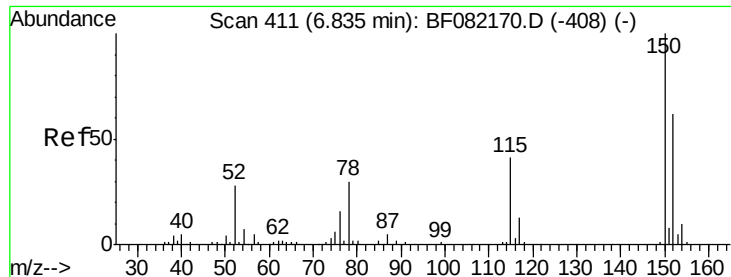
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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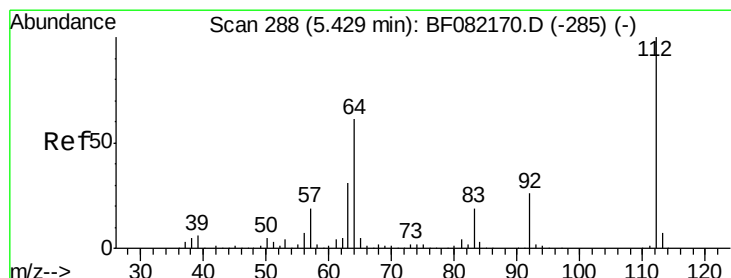
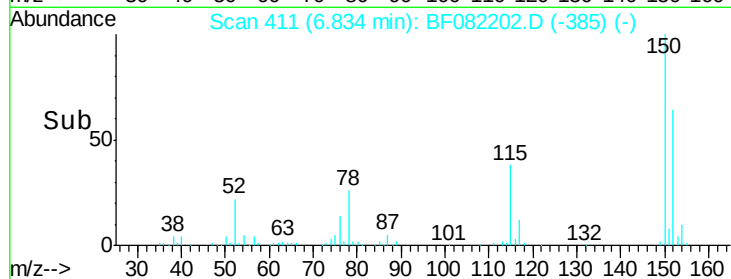
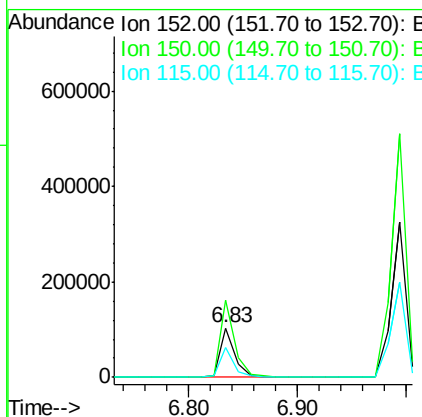
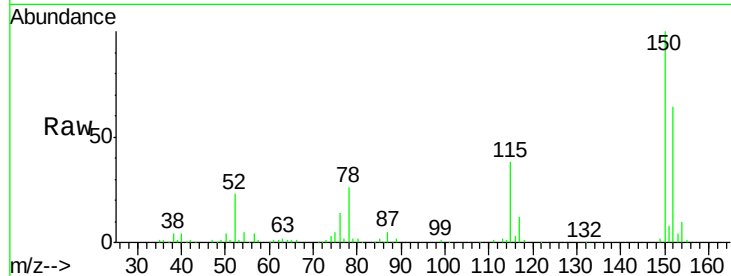


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082202.D
Acq: 11 Oct 2015 4:11

Instrument :
BNA_F
ClientSampleId :

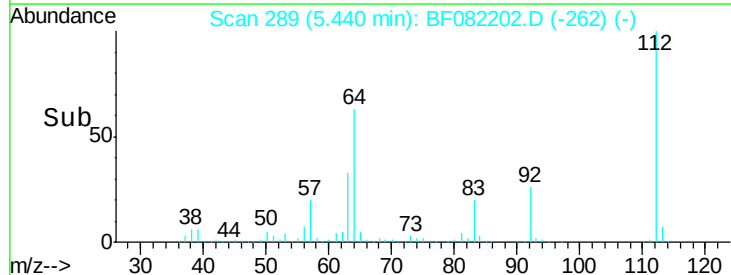
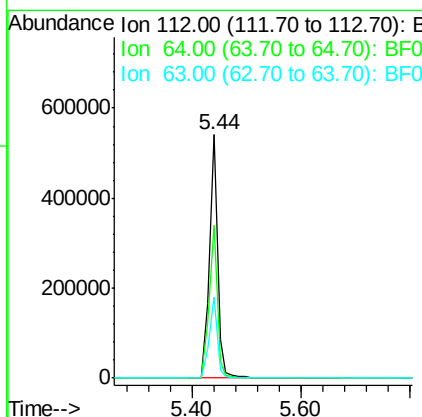
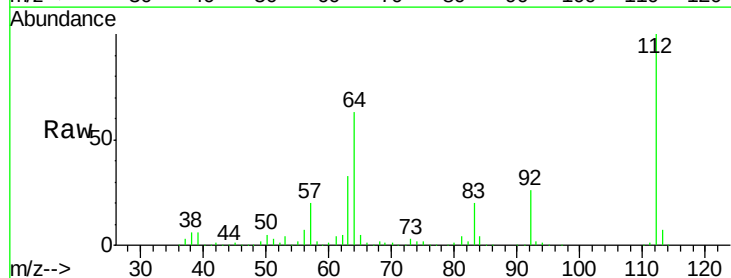
Tot Ion:152 Resp: 98636
Ion Ratio Lower Upper
152 100
150 156.6 129.0 193.4
115 59.4 52.1 78.1

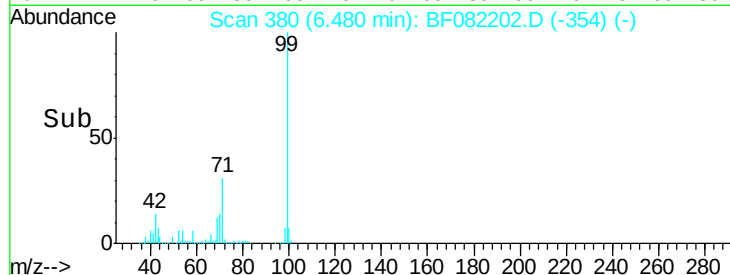
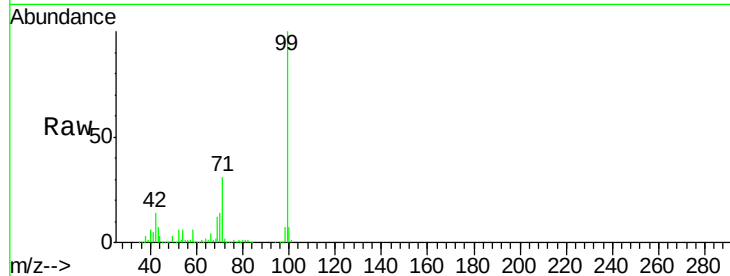
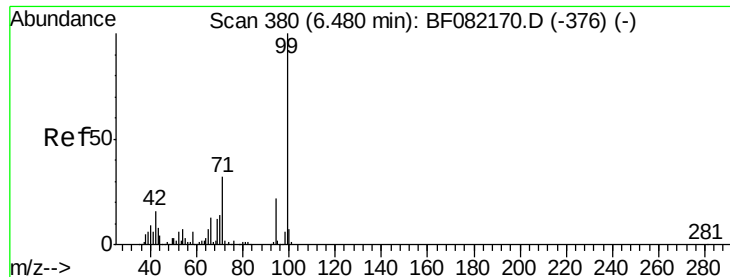


#5

2-Fluorophenol
Concen: 117.13 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082202.D
Acq: 11 Oct 2015 4:11

Tgt Ion:112 Resp: 572439
Ion Ratio Lower Upper
112 100
64 62.7 48.6 73.0
63 33.3 25.1 37.7





#7

Phenol-d6

Concen: 126.80 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Instrument :

BNA_F

ClientSampleId :

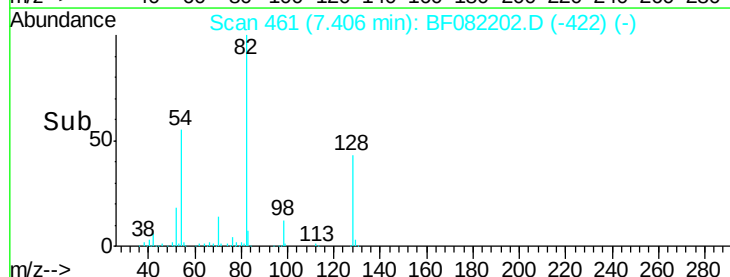
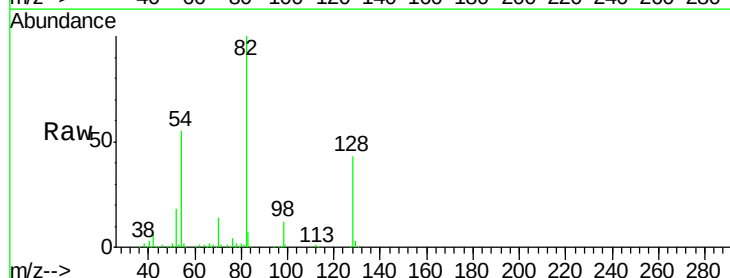
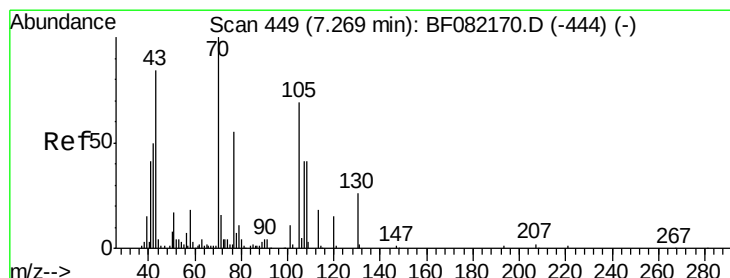
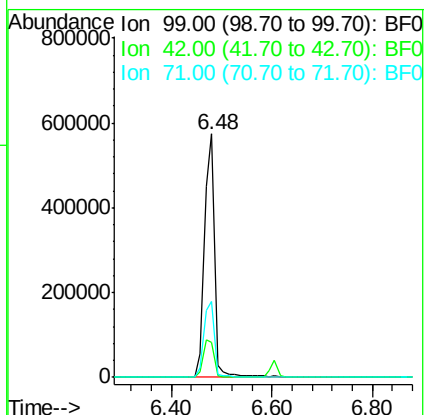
Tot Ion: 99 Resp: 806475

Ion Ratio Lower Upper

99 100

42 14.4 13.2 19.8

71 31.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.37 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Tgt Ion: 70 Resp: 59716

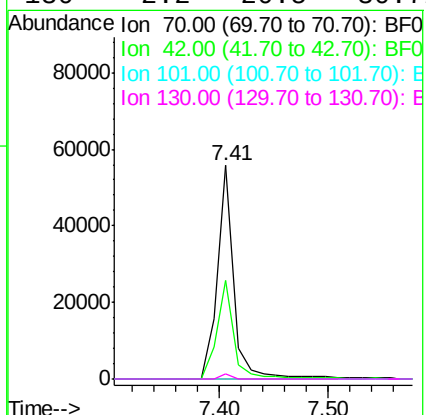
Ion Ratio Lower Upper

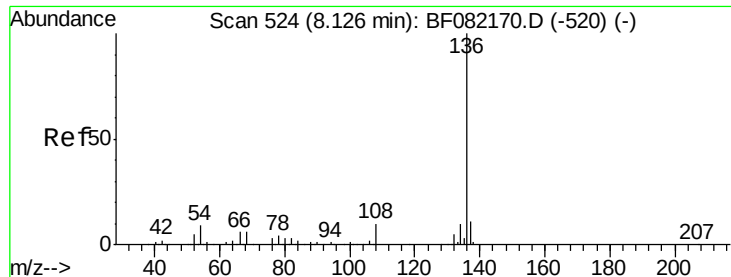
70 100

42 46.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

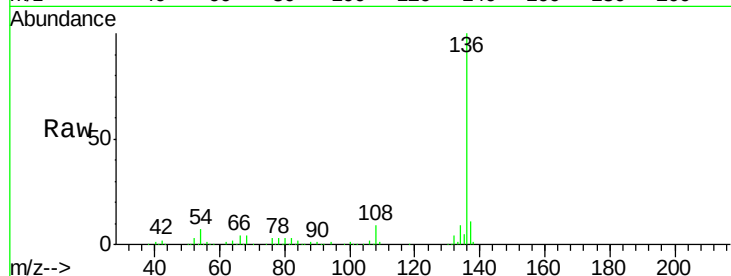




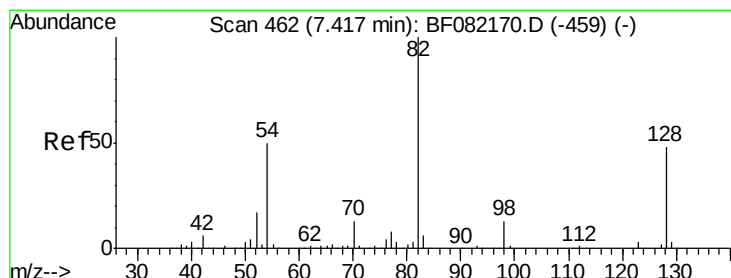
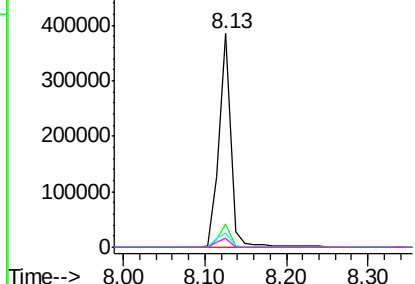
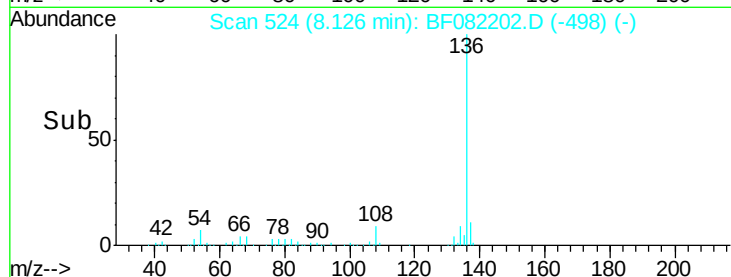
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082202.D
Acq: 11 Oct 2015 4:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	392180
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	6.8	7.5 11.3#
68	4.5	4.6 7.0#

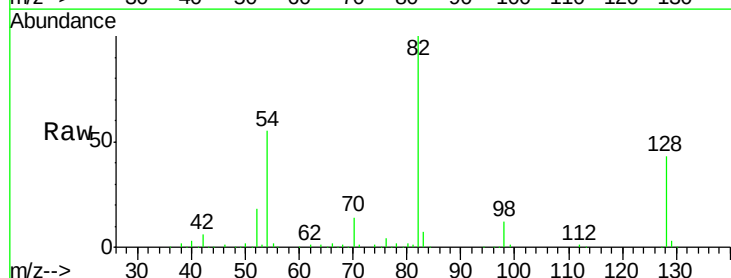


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

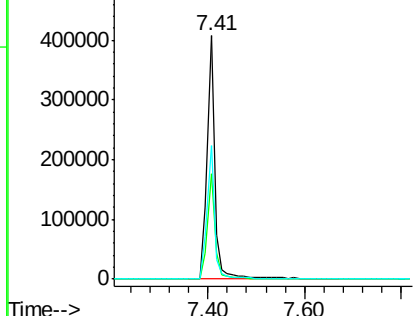
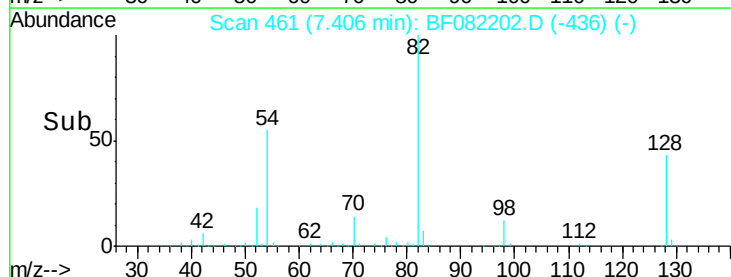


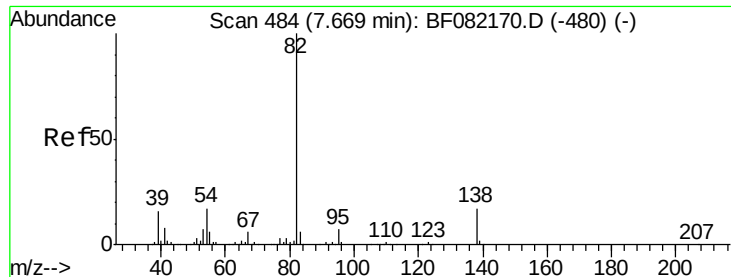
#23
Nitrobenzene-d5
Concen: 79.58 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082202.D
Acq: 11 Oct 2015 4:11

Tgt Ion: 82	Resp:	464742
Ion Ratio	Lower	Upper
82	100	
128	43.2	38.7 58.1
54	54.6	40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.62 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Instrument :

BNA_F

ClientSampleId :

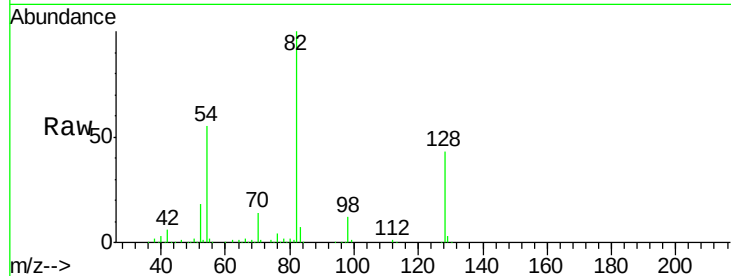
Tot Ion: 82 Resp: 372697

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

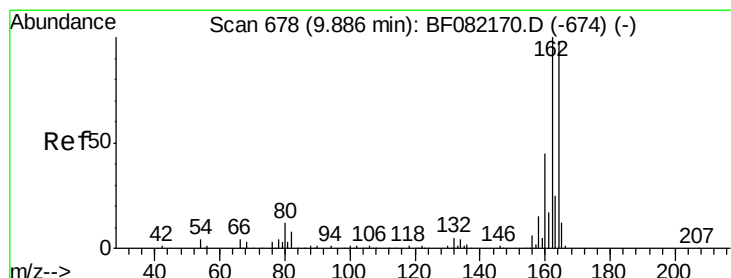
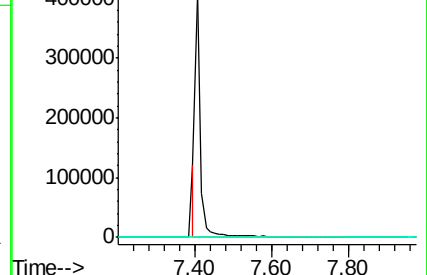
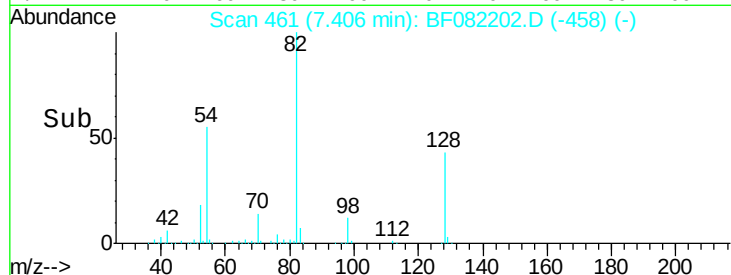
138 0.0 13.6 20.4#



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. -0.01 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

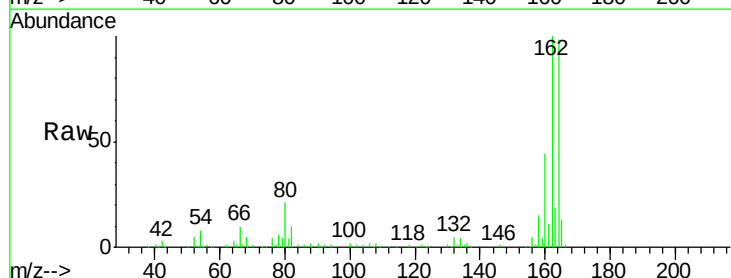
Tgt Ion: 164 Resp: 183876

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

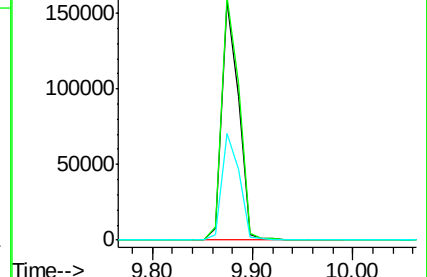
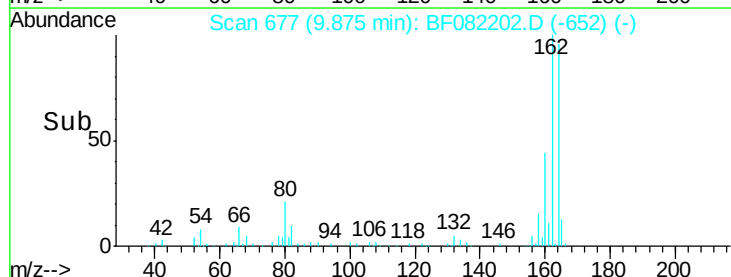
160 45.0 36.4 54.6

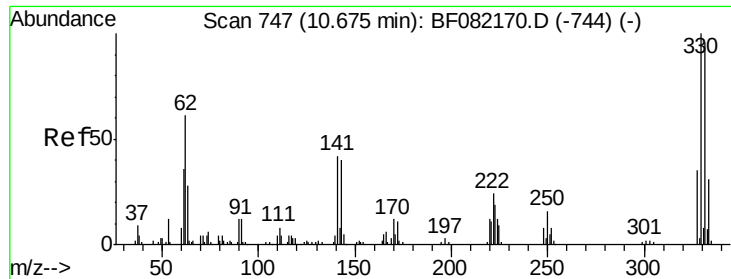


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

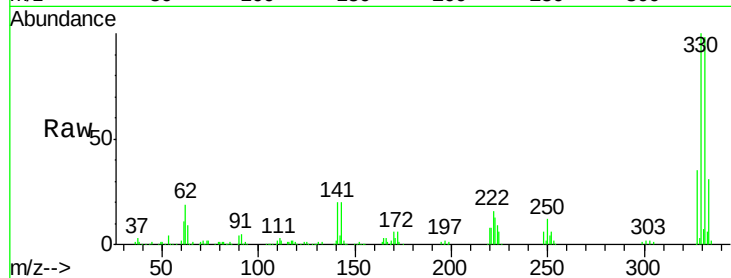




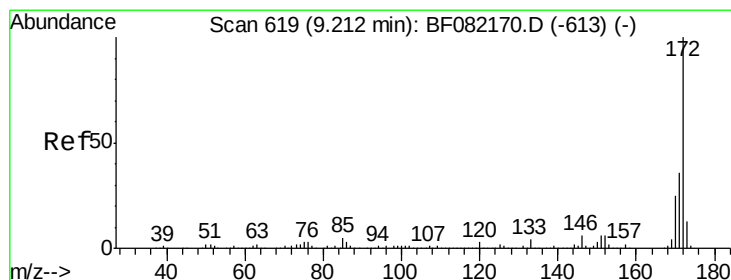
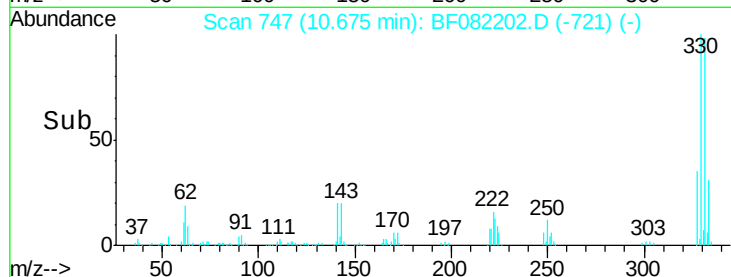
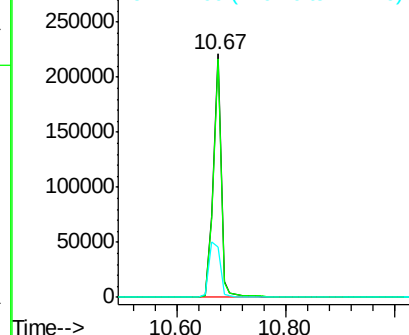
#41
 2,4,6-Tribromophenol
 Concen: 130.20 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082202.D
 Acq: 11 Oct 2015 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	32.0	29.8	44.8

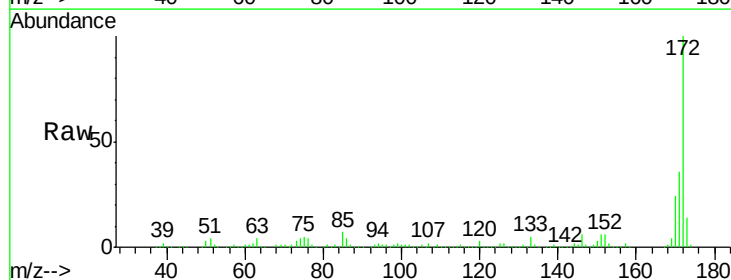


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

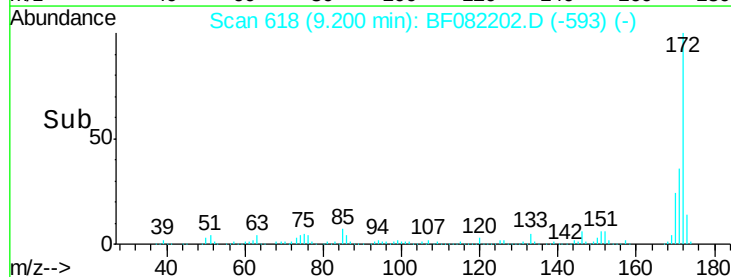
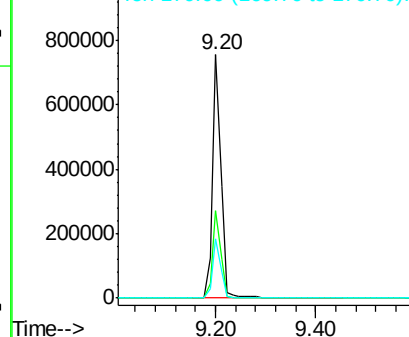


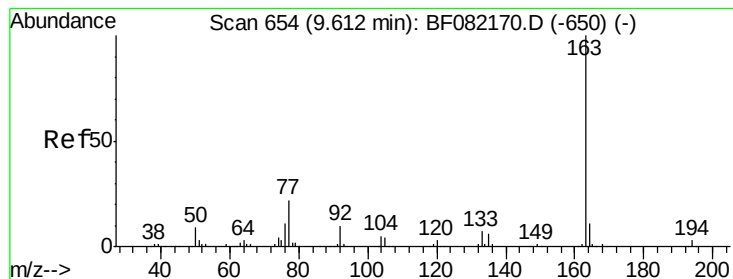
#44
 2-Fluorobiphenyl
 Concen: 80.42 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082202.D
 Acq: 11 Oct 2015 4:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.3	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: 13.22 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Instrument :

BNA_F

ClientSampleId :

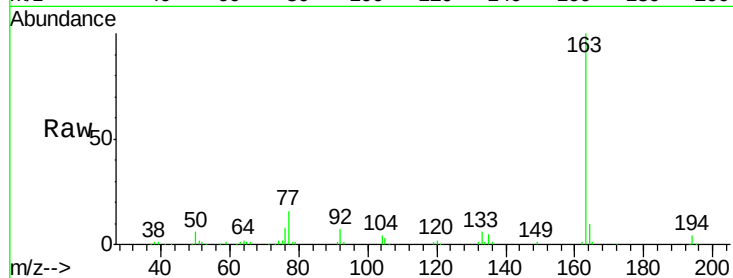
Tot Ion:163 Resp: 171226

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

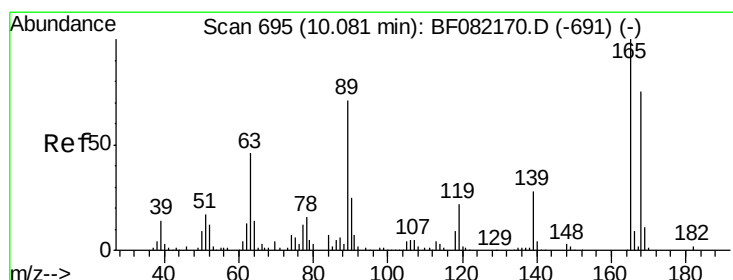
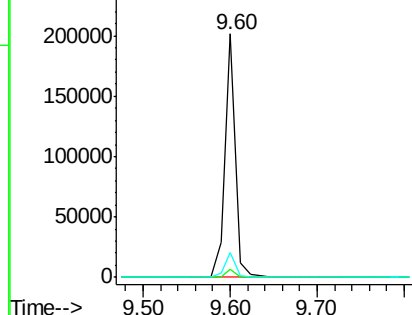
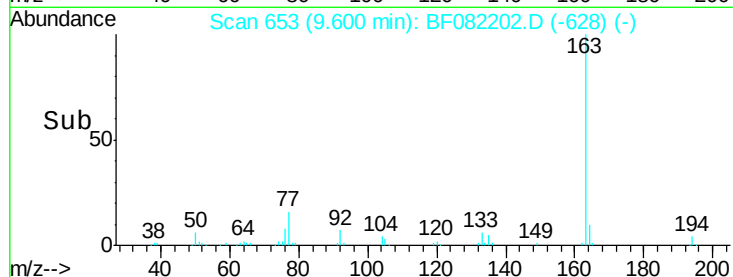
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.99 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Tgt Ion:165 Resp: 23852

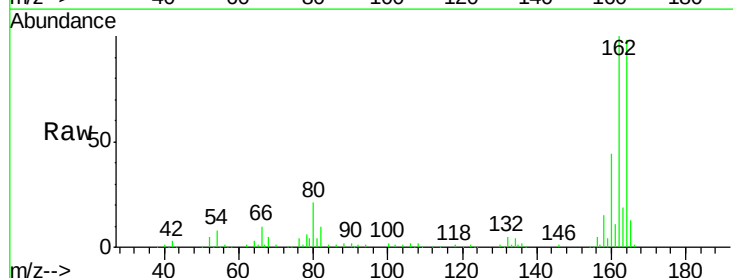
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

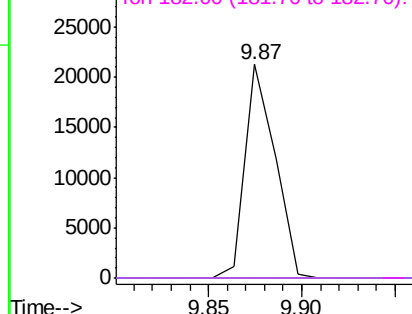
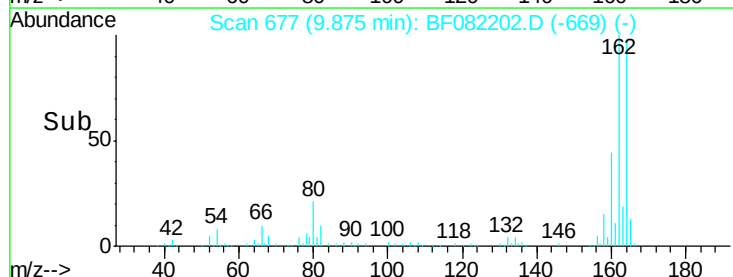


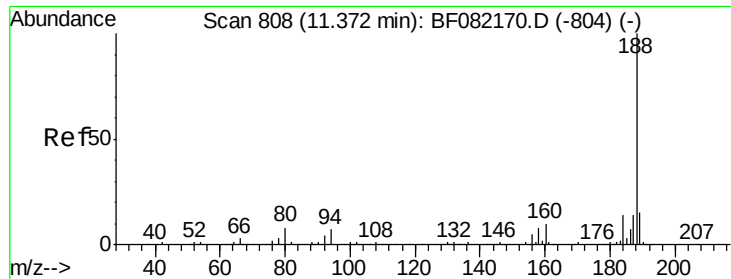
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Instrument :

BNA_F

ClientSampleId :

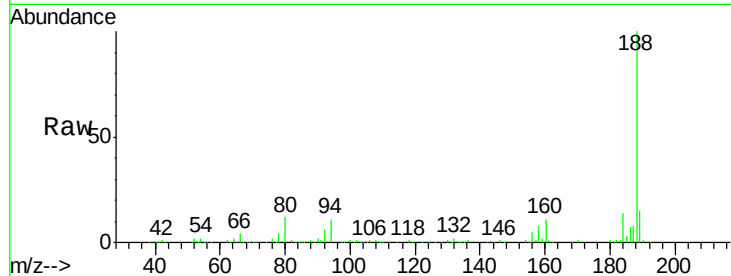
Tot Ion:188 Resp: 353679

Ion Ratio Lower Upper

188 100

94 11.0 5.8 8.6#

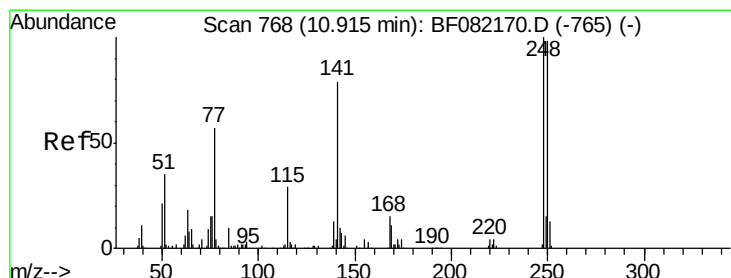
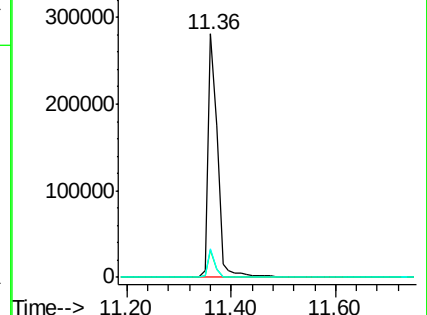
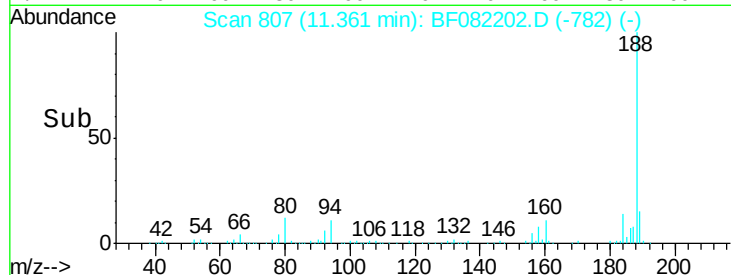
80 12.0 6.4 9.6#



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: 4.14 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

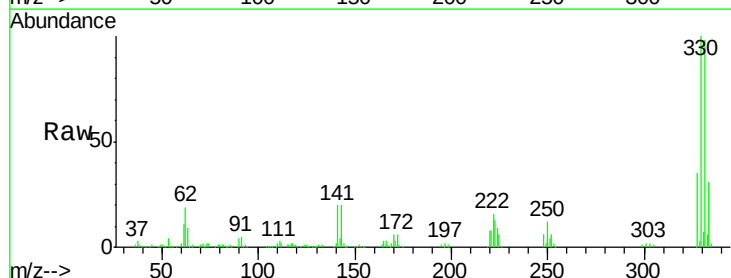
Tgt Ion:248 Resp: 14647

Ion Ratio Lower Upper

248 100

250 194.6 78.6 117.8#

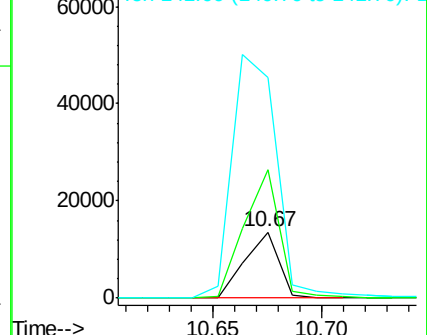
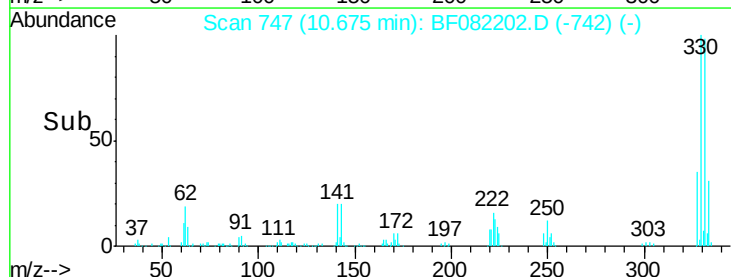
141 332.9 63.3 94.9#

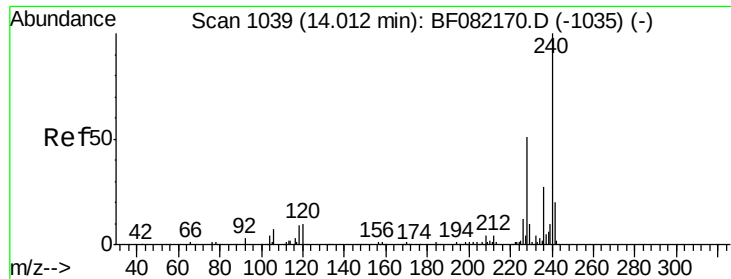


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Instrument :

BNA_F

ClientSampleId :

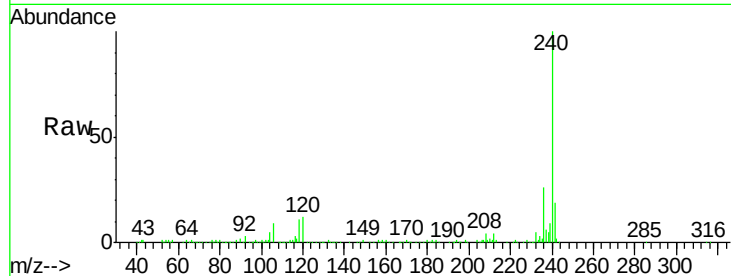
Tot Ion:240 Resp: 290960

Ion Ratio Lower Upper

240 100

120 12.0 8.1 12.1

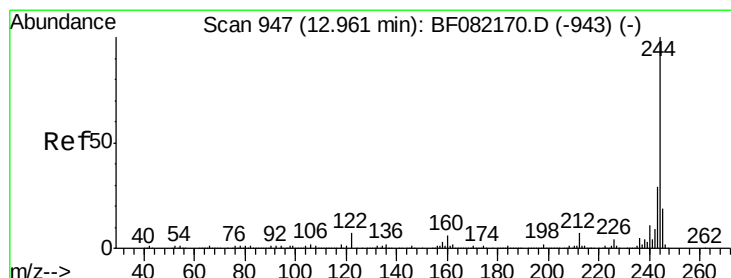
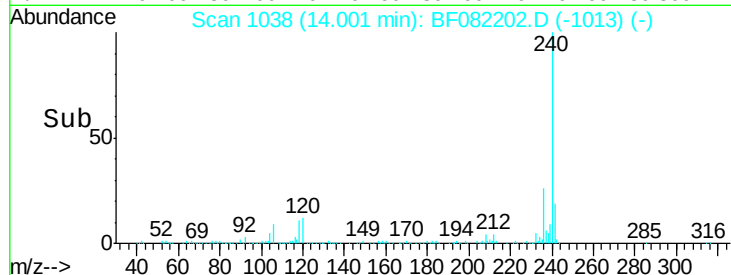
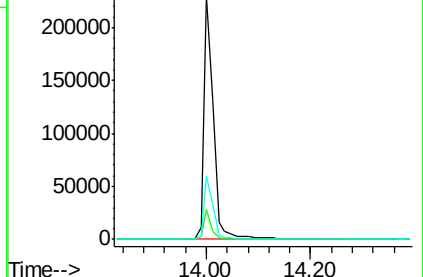
236 26.2 21.3 31.9



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: 84.08 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

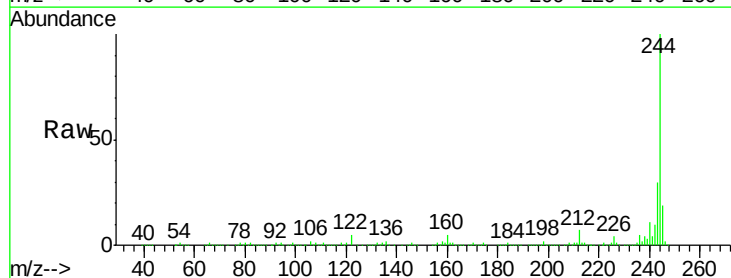
Tgt Ion:244 Resp: 923185

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

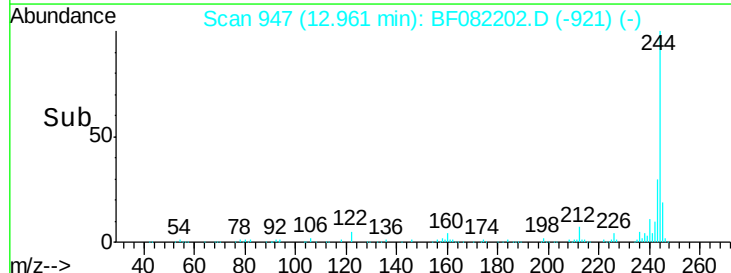
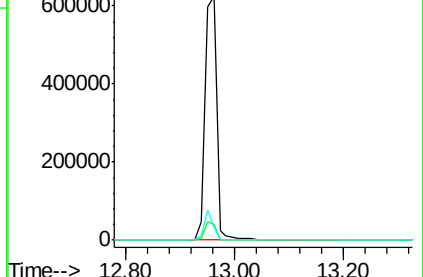
122 5.4 5.9 8.9#

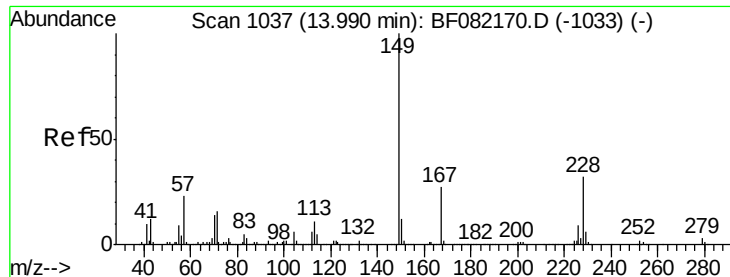


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.86 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

Instrument :

BNA_F

ClientSampleId :

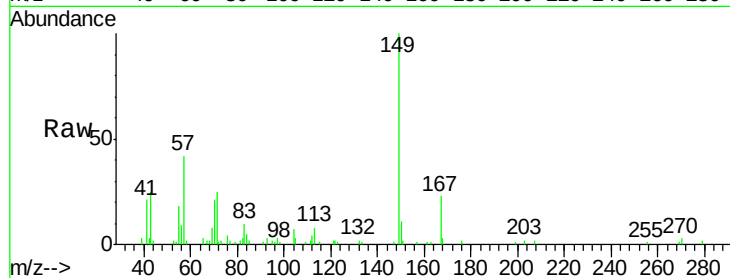
Tot Ion:149 Resp: 43372

Ion Ratio Lower Upper

149 100

167 22.8 21.3 31.9

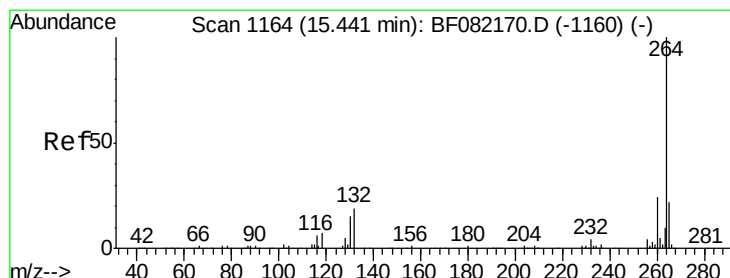
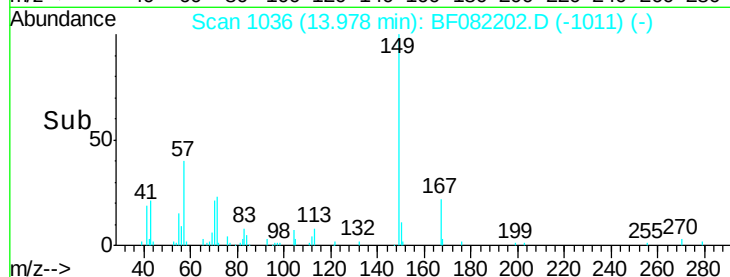
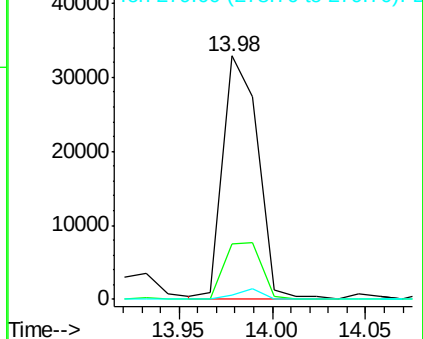
279 1.6 2.6 4.0#



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: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082202.D

Acq: 11 Oct 2015 4:11

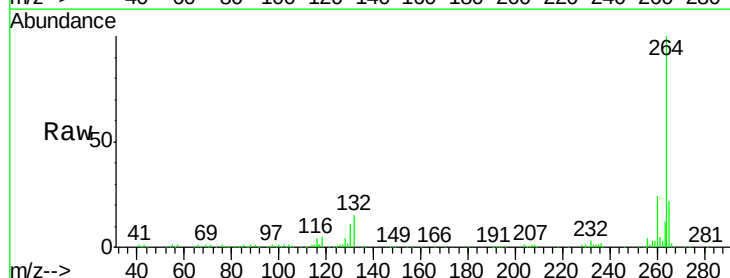
Tgt Ion:264 Resp: 225534

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.6 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

