

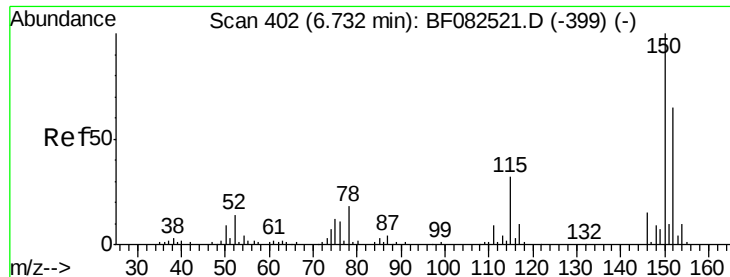
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082541.D
 Acq On : 27 Oct 2015 10:07
 Operator : UM/IZ
 Sample : G4117-03RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Quant Time: Oct 27 12:03:57 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	6.73	152	107665	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	397010	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	174518	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	280095	20.00	ng	0.00
75) Chrysene-d12	13.94	240	294083	20.00	ng	0.03
86) Perylene-d12	15.45	264	213597	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	727436	133.38	ng	0.03
7) Phenol-d6	6.40	99	890171	125.23	ng	0.02
23) Nitrobenzene-d5	7.30	82	522669	84.93	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	148874	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	933338	85.04	ng	0.00
78) Terphenyl-d14	12.86	244	776209	76.04	ng	0.01
Target Compounds						
9) Benzaldehyde	6.51	77	16442	2.97	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.30	70	67493	14.57	ng	# 81
25) Isophorone	7.30	82	475403	38.88	ng	# 64
49) Dimethylphthalate	9.50	163	227259	18.72	ng	100
56) 2,4-Dinitrotoluene	9.77	165	22189	6.87	ng	# 11
66) 4-Bromophenyl-phenylether	10.57	248	12176	4.63	ng	# 1
79) Butylbenzylphthalate	13.34	149	159620	20.99	ng	88
83) Bis(2-ethylhexyl)phthalate	13.92	149	25194	2.47	ng	# 99

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

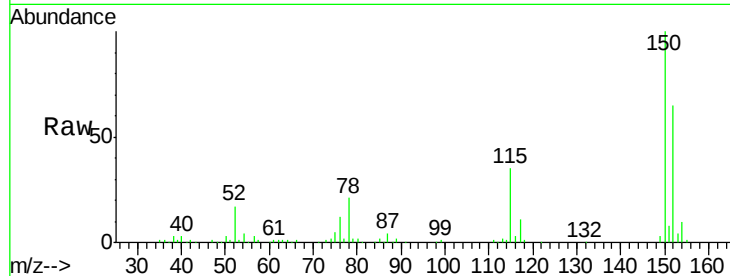


#1

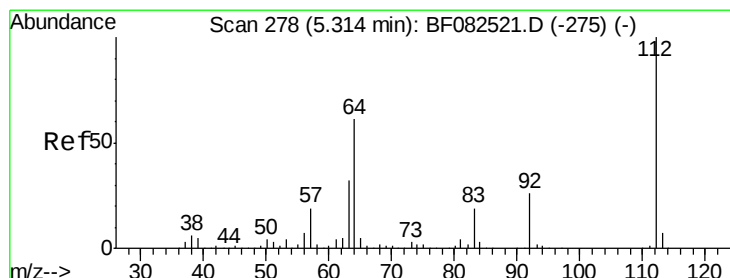
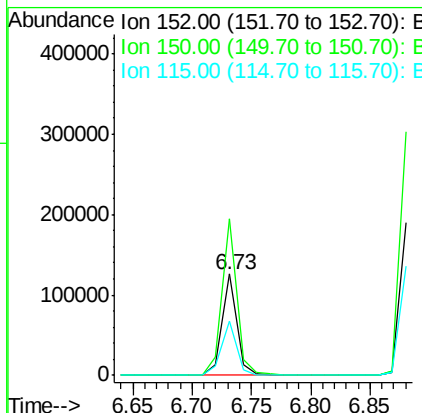
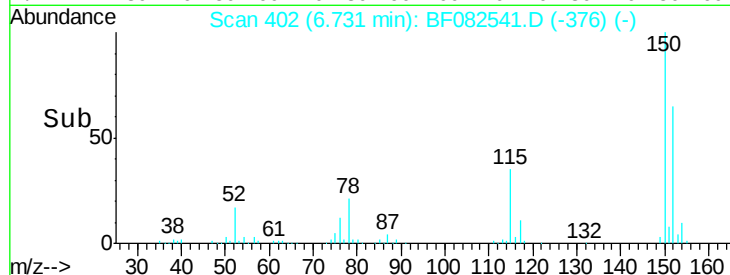
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.4	185.0
115	54.0	39.0	58.4



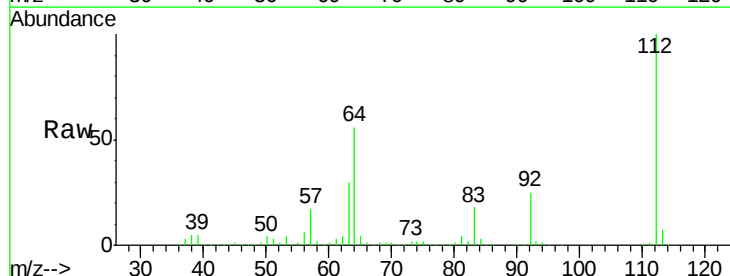
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



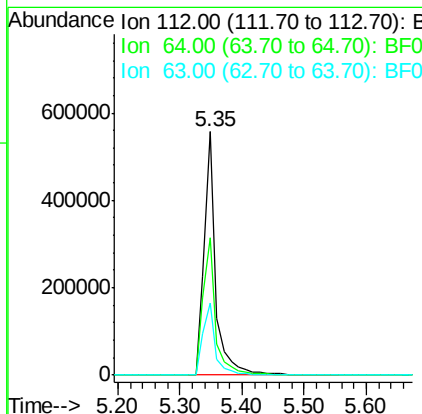
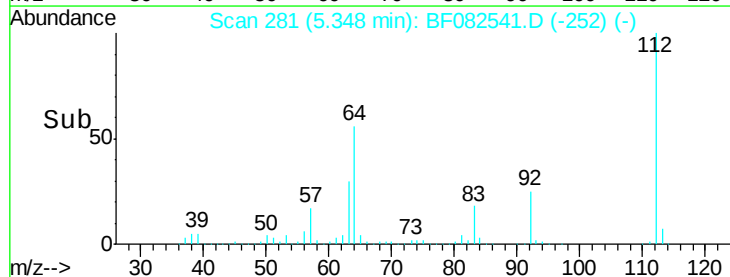
#5

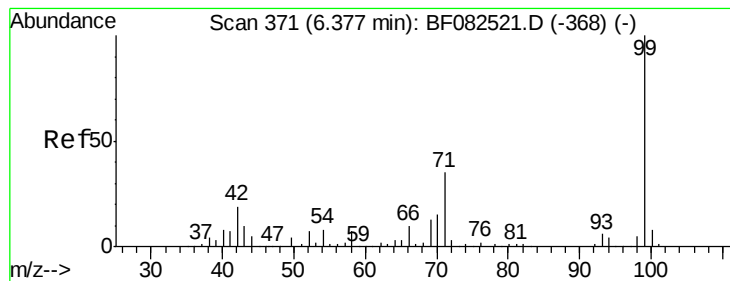
2-Fluorophenol
 Concen: 133.38 ng
 RT: 5.35 min Scan# 281
 Delta R.T. 0.03 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	49.0	73.4
63	29.7	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: 125.23 ng

RT: 6.40 min Scan# 373

Delta R.T. 0.02 min

Lab File: BF082541.D

Acq: 27 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

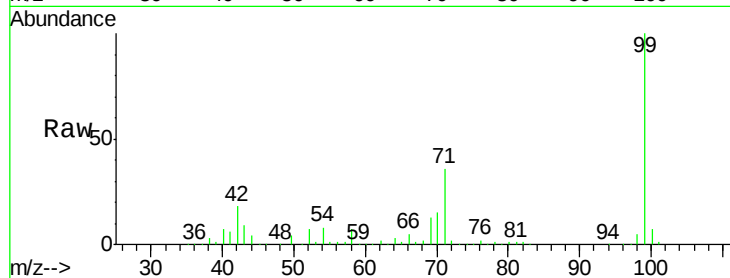
Tot Ion: 99 Resp: 890171

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

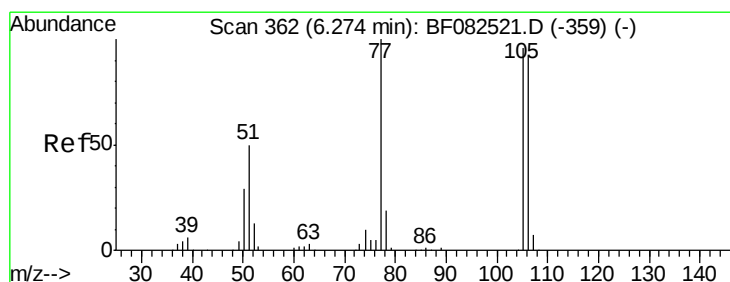
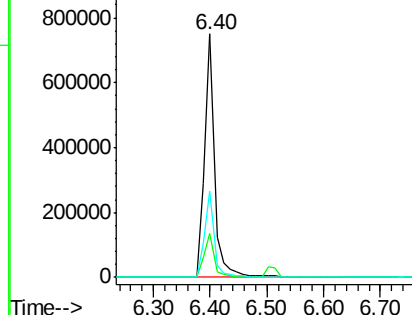
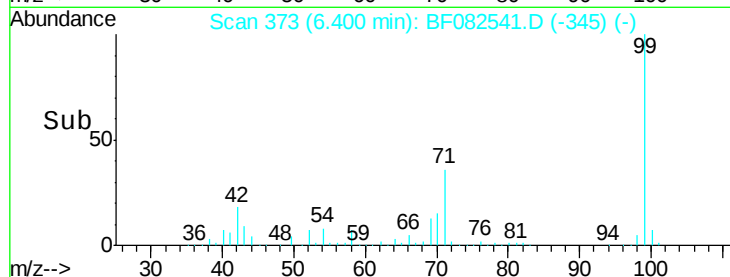
71 35.6 28.2 42.2



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



#9

Benzaldehyde

Concen: 2.97 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.24 min

Lab File: BF082541.D

Acq: 27 Oct 2015 10:07

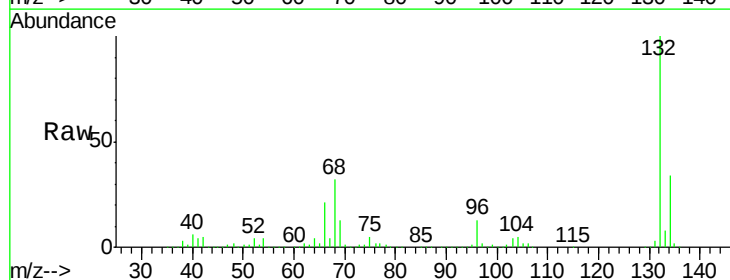
Tgt Ion: 77 Resp: 16442

Ion Ratio Lower Upper

77 100

105 84.8 75.9 115.9

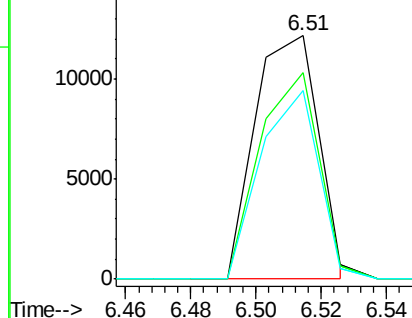
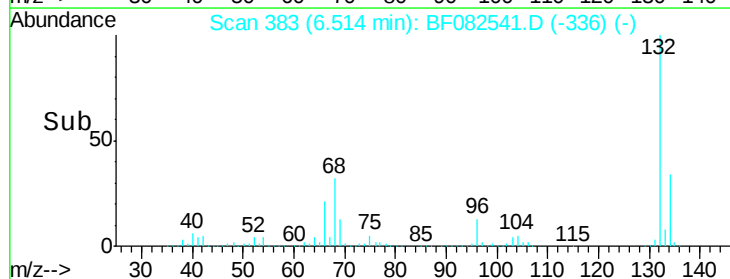
106 77.4 71.8 111.8

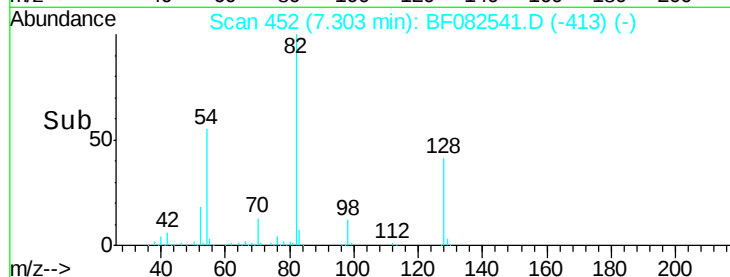
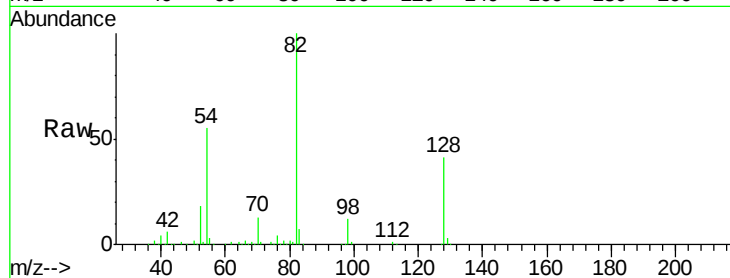
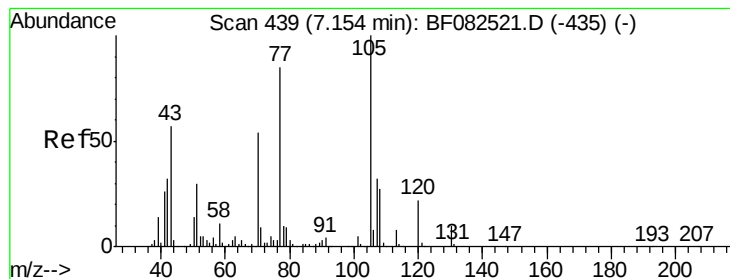


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.57 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082541.D

Acq: 27 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

Tot Ion: 70 Resp: 67493

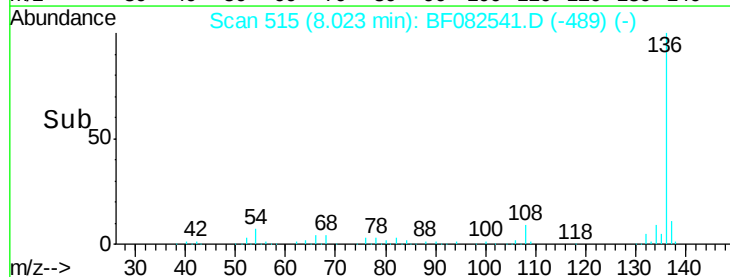
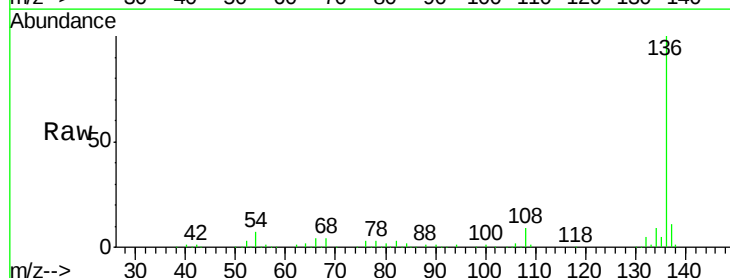
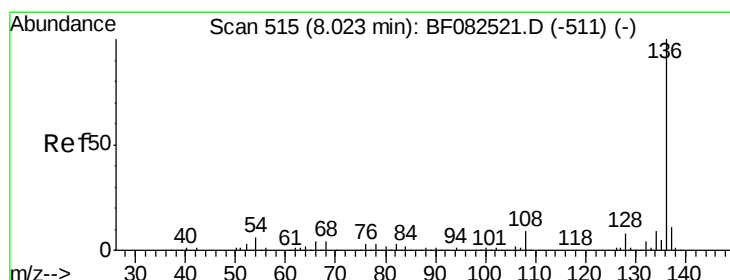
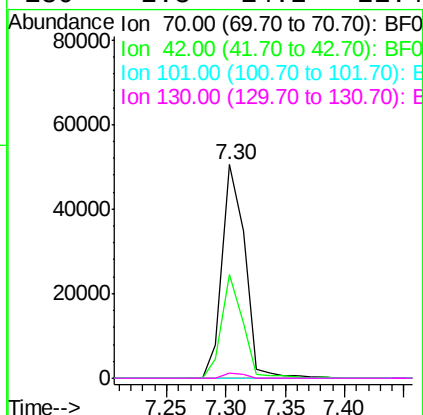
Ion Ratio Lower Upper

70 100

42 48.6 46.9 70.3

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF082541.D

Acq: 27 Oct 2015 10:07

Tgt Ion: 136 Resp: 397010

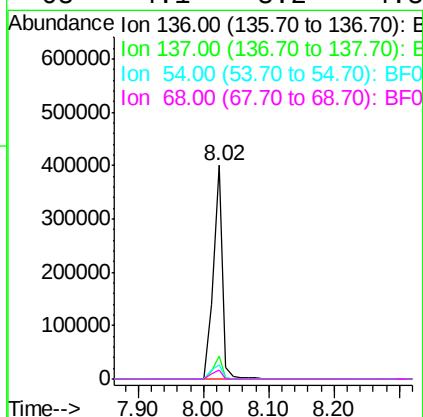
Ion Ratio Lower Upper

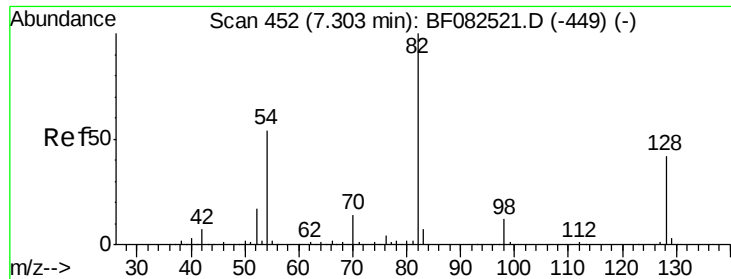
136 100

137 10.9 8.6 13.0

54 6.6 4.6 7.0

68 4.1 3.2 4.8

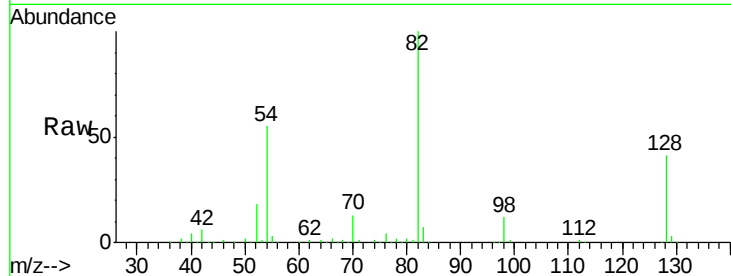




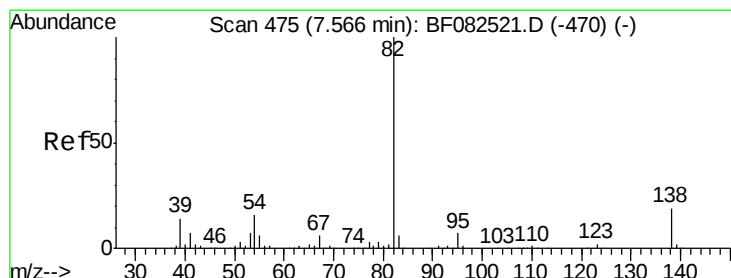
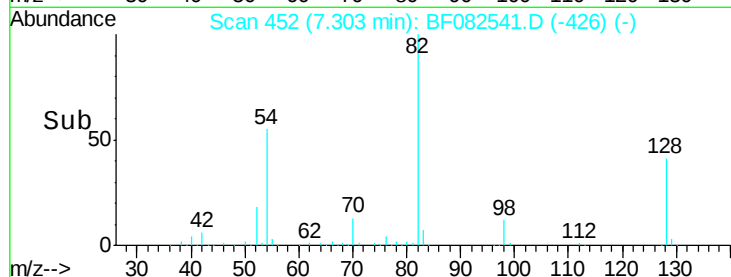
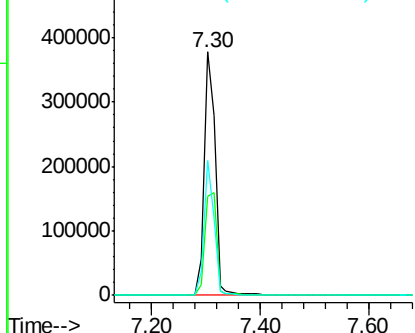
#23
 Nitrobenzene-d5
 Concen: 84.93 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tot Ion	82	Resp	522669
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.4	50.0
54	55.3	43.5	65.3

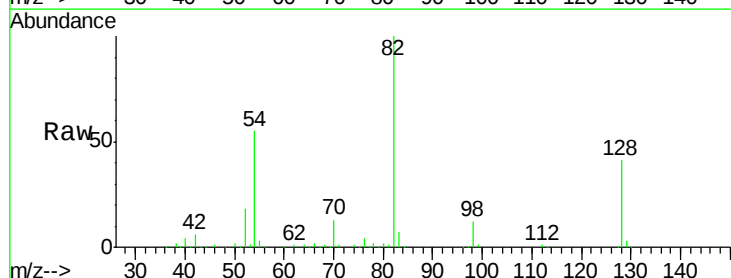


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

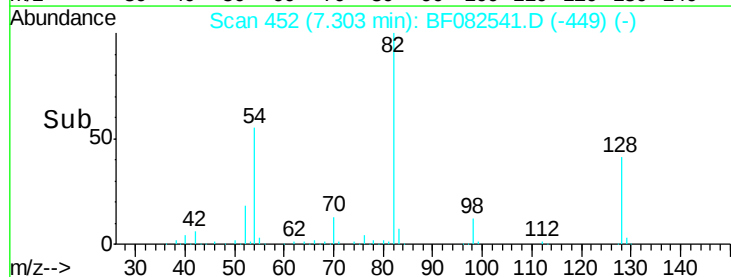
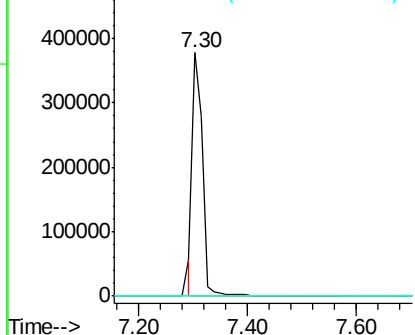


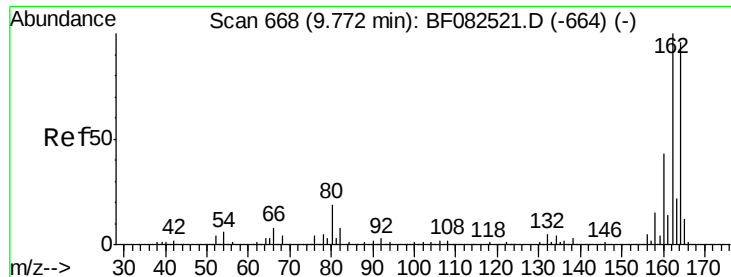
#25
 Isophorone
 Concen: 38.88 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.26 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Tgt Ion	82	Resp	475403
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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

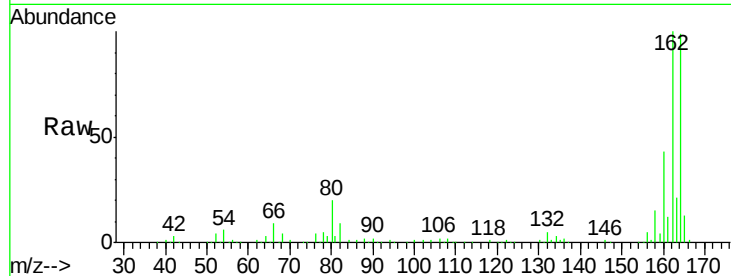




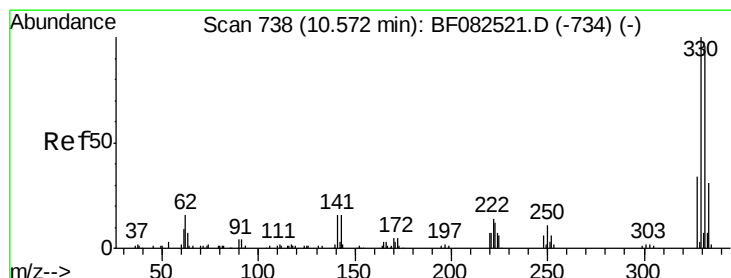
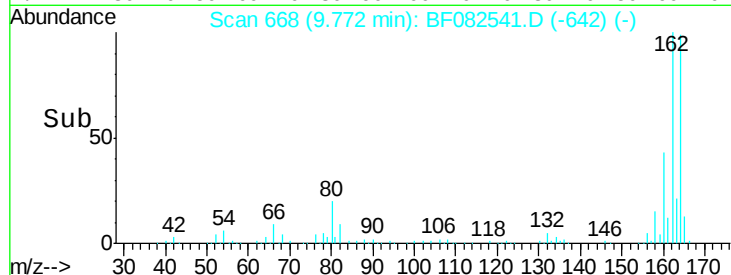
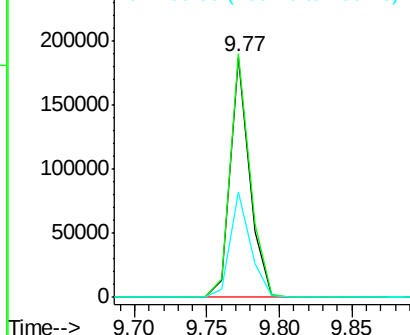
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tot Ion:164 Resp: 174518
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.6 125.4
 160 44.0 36.0 54.0

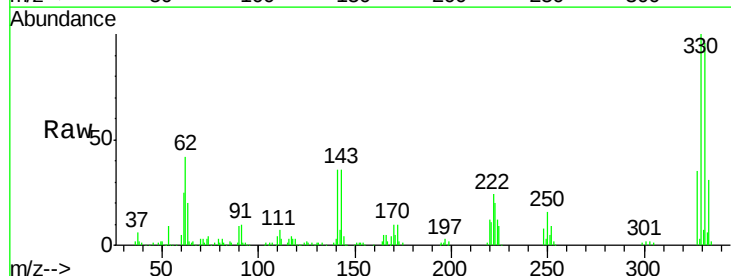


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

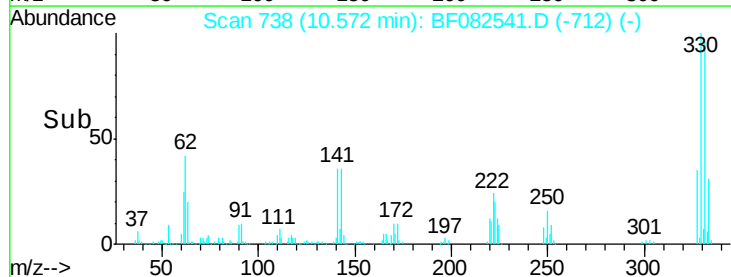
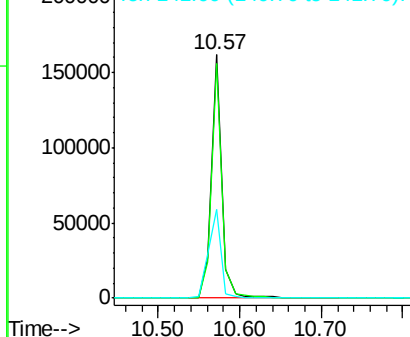


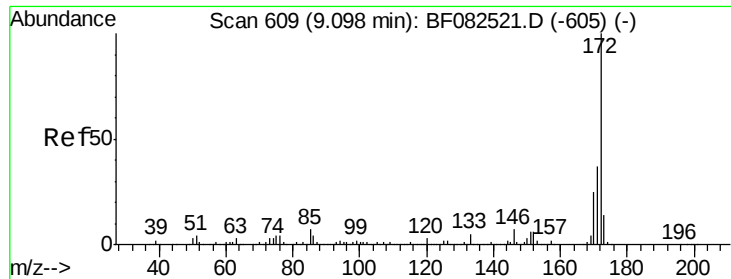
#41
 2,4,6-Tribromophenol
 Concen: 113.92 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Tgt Ion:330 Resp: 148874
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 43.5 32.5 48.7



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

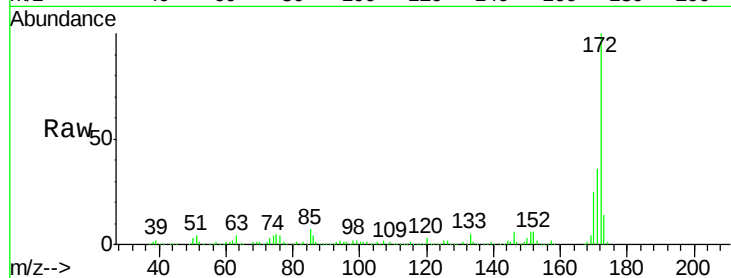




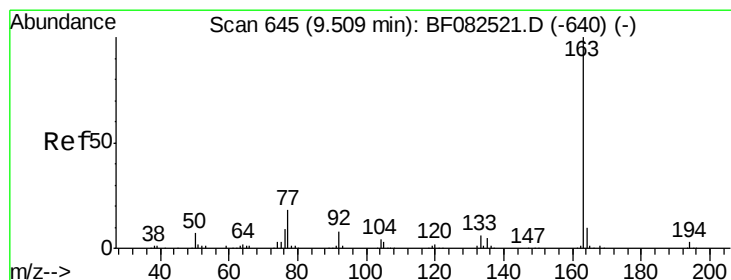
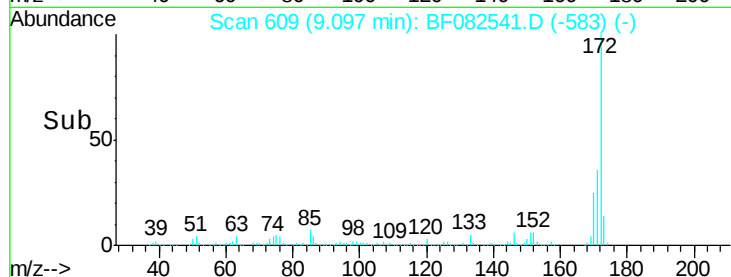
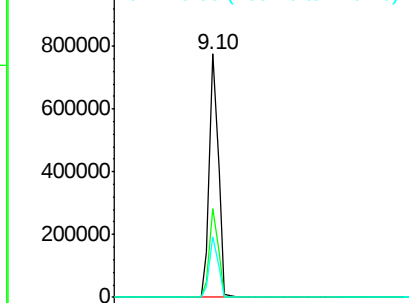
#44
2-Fluorobiphenyl
Concen: 85.04 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF082541.D
Acq: 27 Oct 2015 10:07

Instrument :
BNA_F
ClientSampleId :
AB-AC-04(0-2)

Tot Ion:172 Resp: 933338
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.8 19.8 29.6

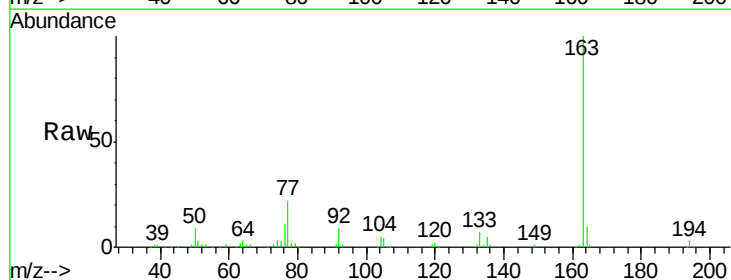


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

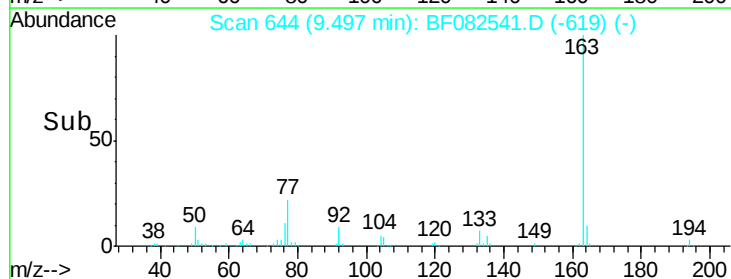
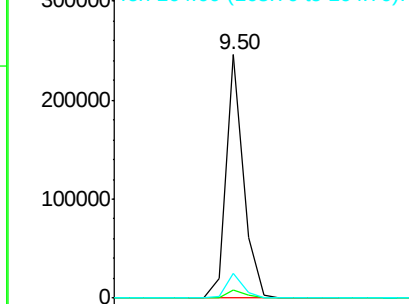


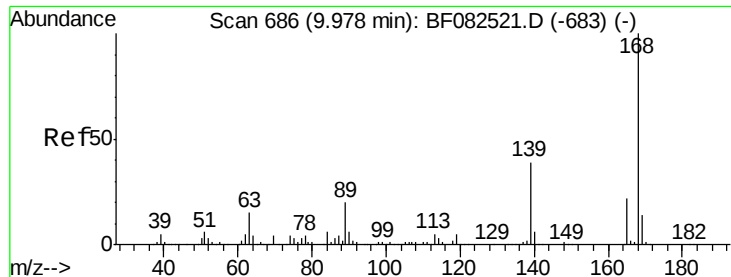
#49
Dimethylphthalate
Concen: 18.72 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082541.D
Acq: 27 Oct 2015 10:07

Tgt Ion:163 Resp: 227259
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.2 8.2 12.4



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

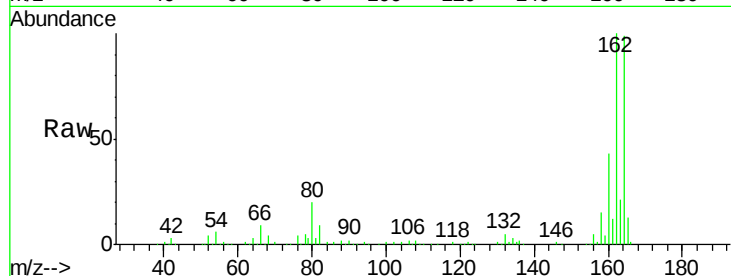




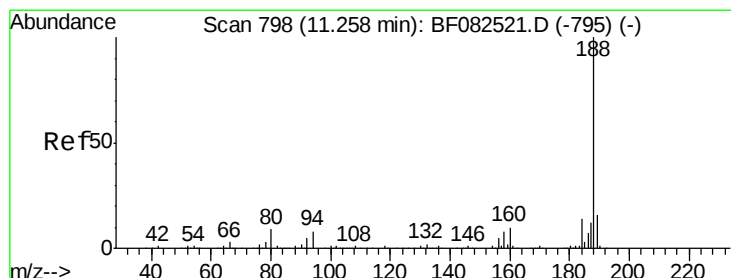
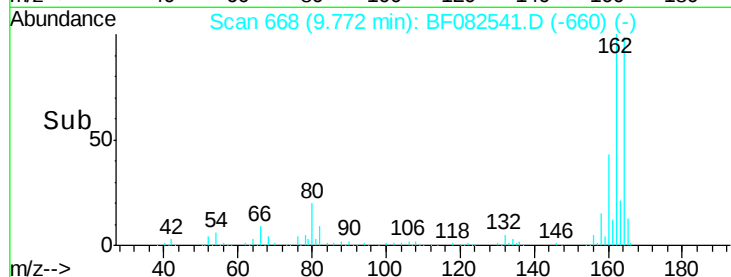
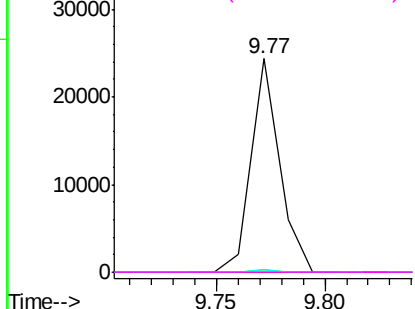
#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tot Ion:165 Resp: 22189
 Ion Ratio Lower Upper
 165 100
 63 1.4 58.6 88.0#
 89 1.4 72.3 108.5#
 182 0.0 1.8 2.8#

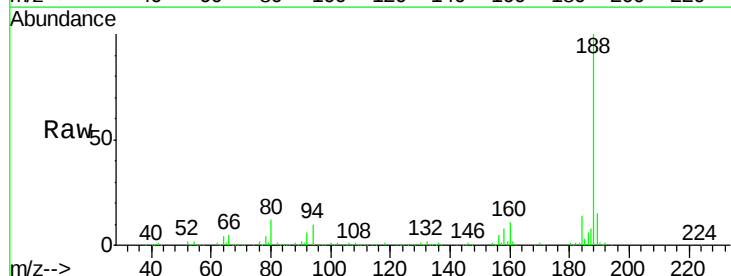


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

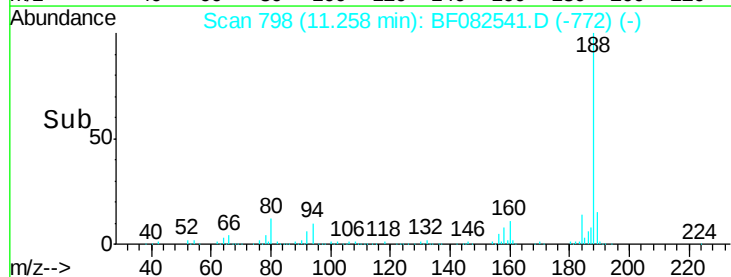
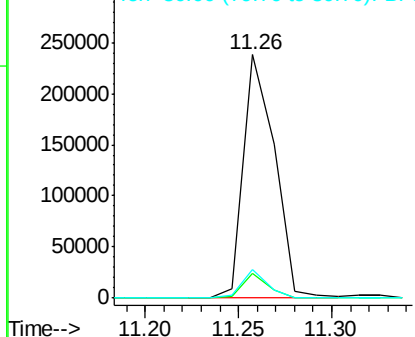


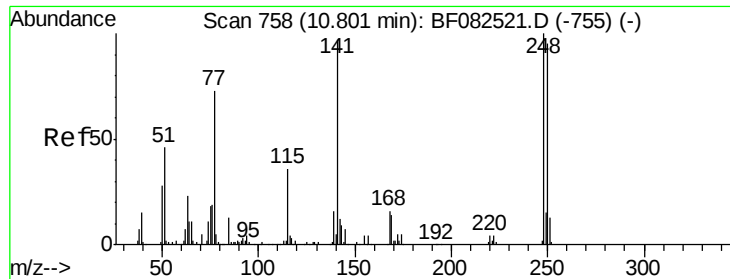
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Tgt Ion:188 Resp: 280095
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.4 9.6#
 80 11.6 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

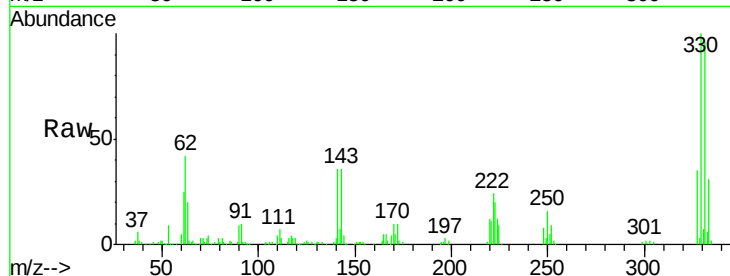




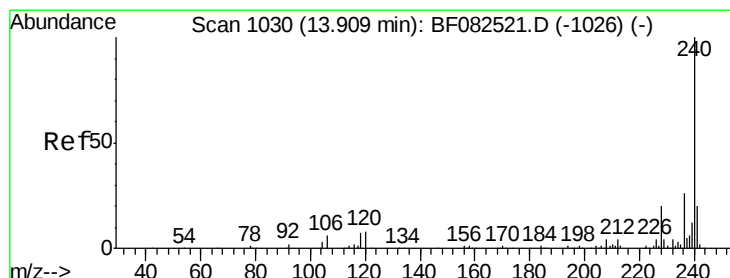
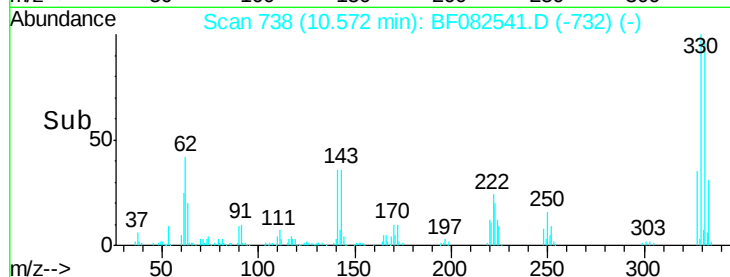
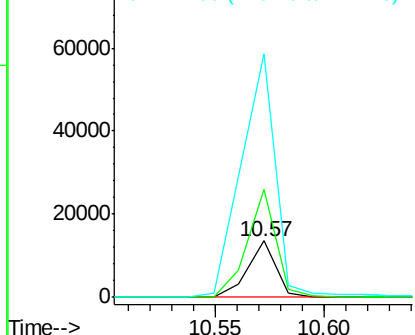
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.23 min
Lab File: BF082541.D
Acq: 27 Oct 2015 10:07

Instrument :
BNA_F
ClientSampleId :
AB-AC-04(0-2)

Tot Ion:248 Resp: 12176
Ion Ratio Lower Upper
248 100
250 191.3 76.0 114.0#
141 433.2 77.5 116.3#

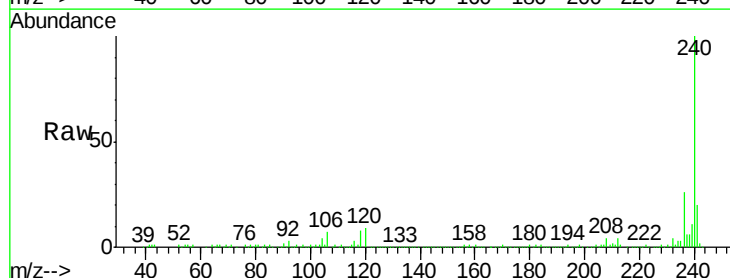


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

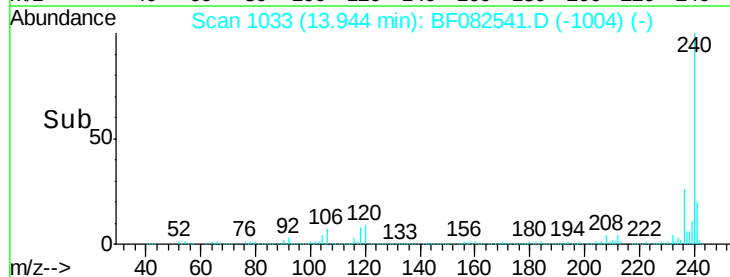
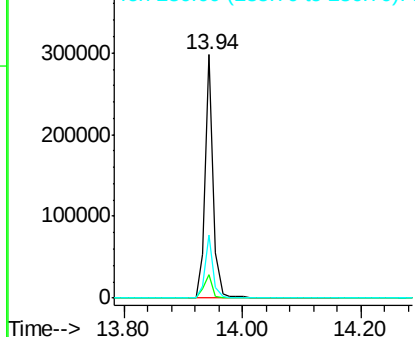


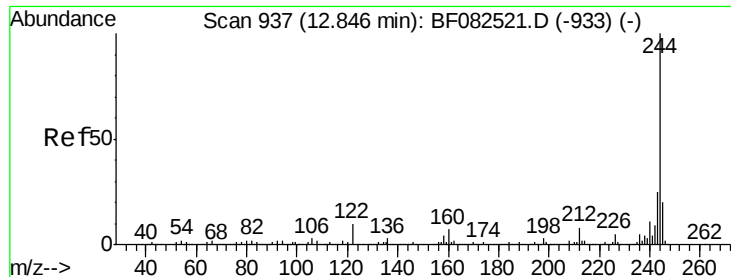
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. 0.03 min
Lab File: BF082541.D
Acq: 27 Oct 2015 10:07

Tgt Ion:240 Resp: 294083
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.8 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

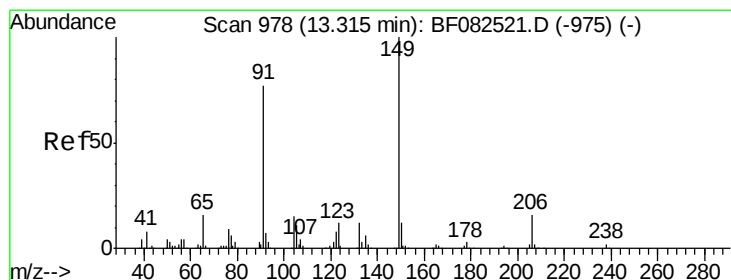
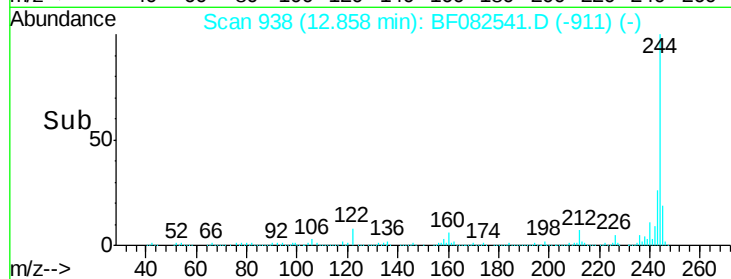
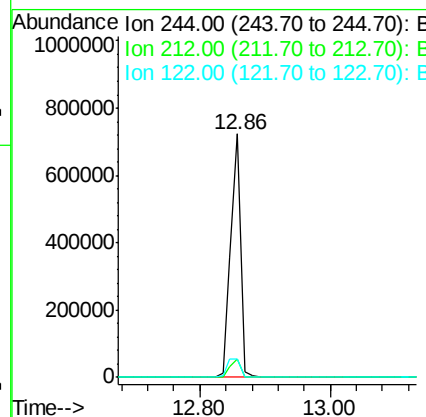
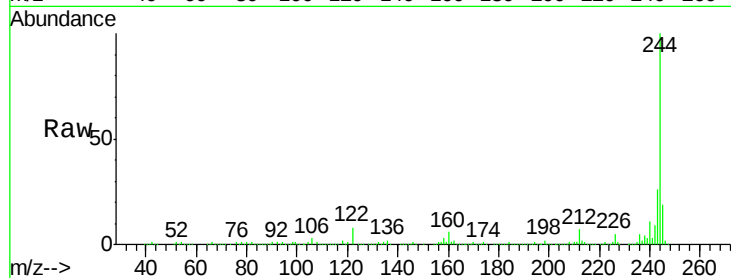




#78
 Terphenyl-d14
 Concen: 76.04 ng
 RT: 12.86 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

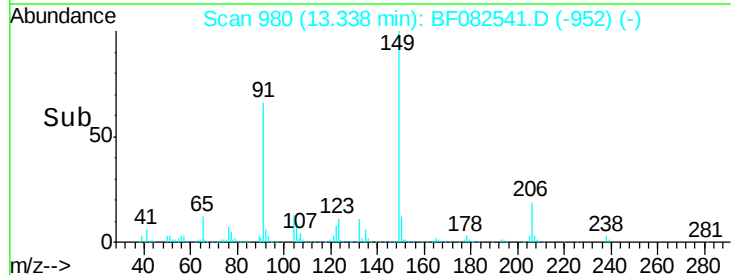
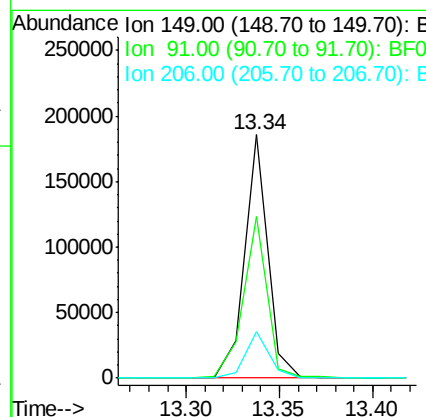
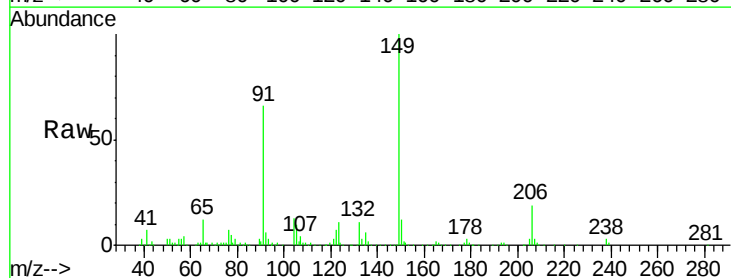
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

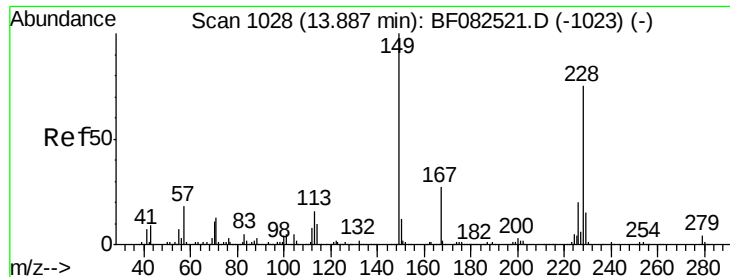
Tot Ion:244 Resp: 776209
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 7.6 8.1 12.1#



#79
 Butylbenzylphthalate
 Concen: 20.99 ng
 RT: 13.34 min Scan# 980
 Delta R.T. 0.02 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Tgt Ion:149 Resp: 159620
 Ion Ratio Lower Upper
 149 100
 91 66.2 62.0 93.0
 206 19.0 13.0 19.4

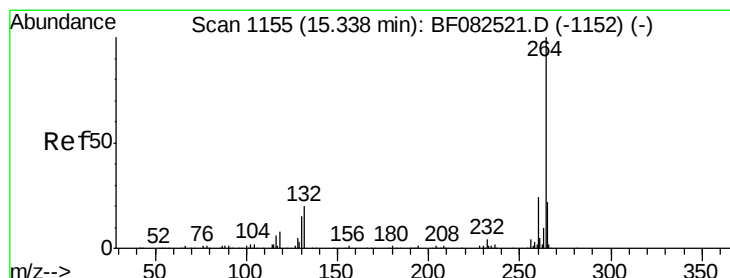
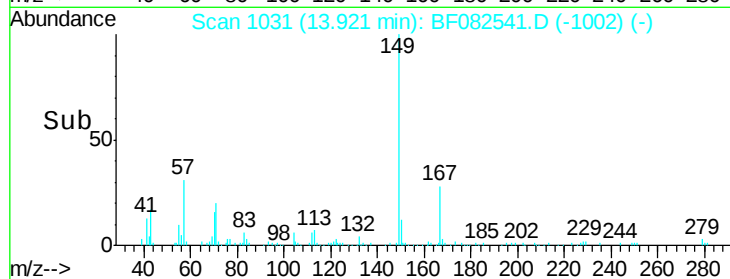
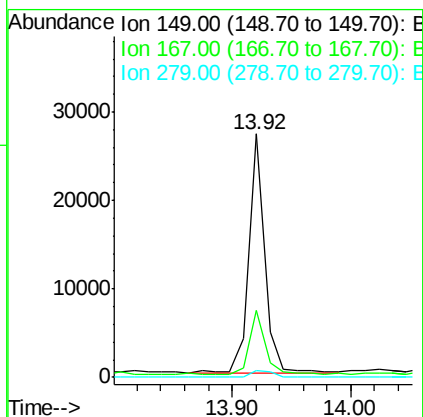
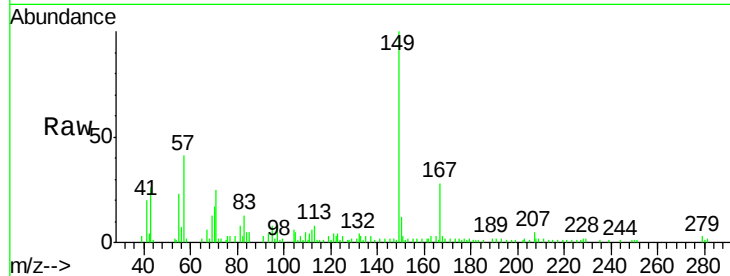




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.47 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. 0.03 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tot Ion:149 Resp: 25194
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.6
 279 2.8 3.0 4.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1165
 Delta R.T. 0.11 min
 Lab File: BF082541.D
 Acq: 27 Oct 2015 10:07

Tgt Ion:264 Resp: 213597
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.8 17.8 26.6

