

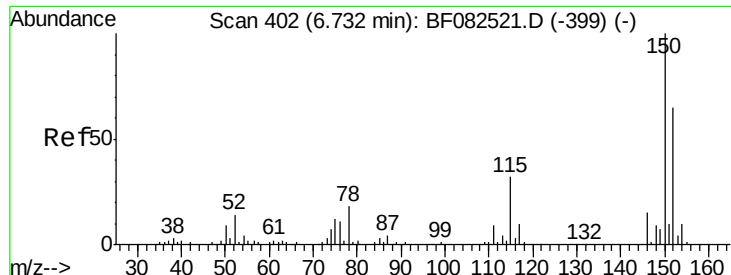
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082537.D
 Acq On : 27 Oct 2015 7:59
 Operator : UM/IZ
 Sample : G4116-17RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Quant Time: Oct 27 10:50:58 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	102068	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	385326	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204508	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	347043	20.00	ng	0.00
75) Chrysene-d12	13.91	240	285987	20.00	ng	0.00
86) Perylene-d12	15.36	264	235417	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	721968	139.64	ng	0.02
7) Phenol-d6	6.39	99	904949	134.29	ng	0.01
23) Nitrobenzene-d5	7.30	82	521372	87.29	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	164154	107.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	969241	75.36	ng	0.00
78) Terphenyl-d14	12.85	244	682504	68.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	1009	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	70073	15.96	ng	# 77
25) Isophorone	7.30	82	521804	43.97	ng	# 64
49) Dimethylphthalate	9.50	163	213776	15.02	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25528	6.75	ng	# 11
59) Diethylphthalate	10.19	149	36808	2.66	ng	99
66) 4-Bromophenyl-phenylether	10.56	248	11845	3.64	ng	# 1

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

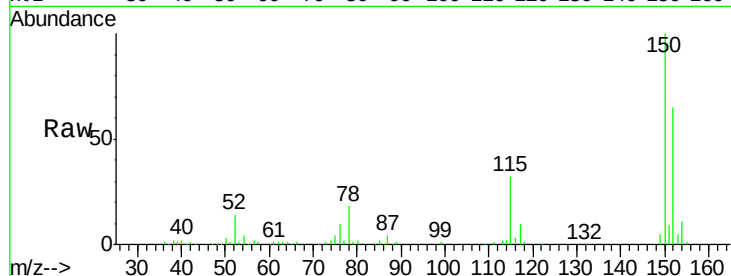


#1

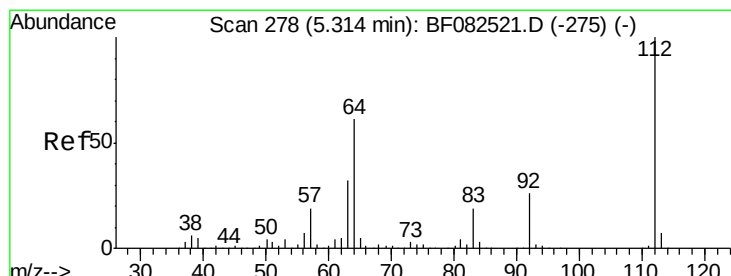
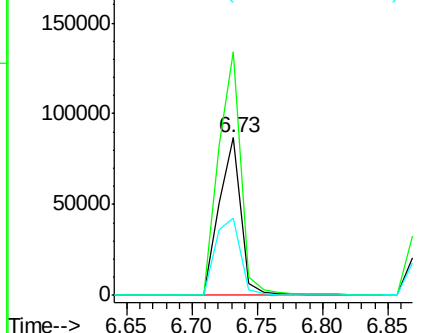
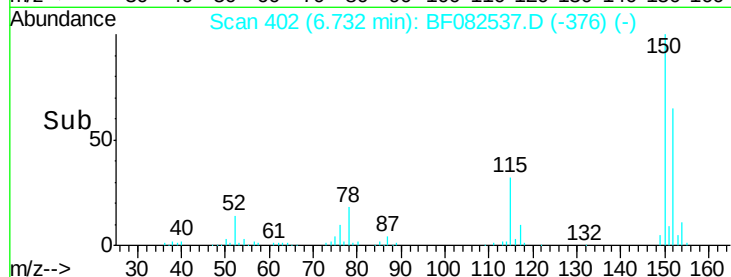
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.4	185.0
115	49.4	39.0	58.4



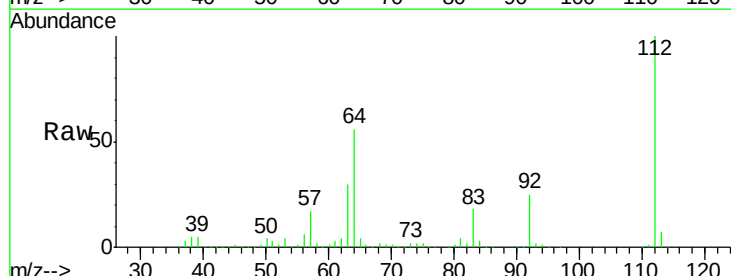
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



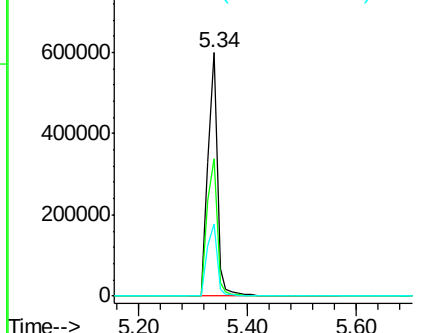
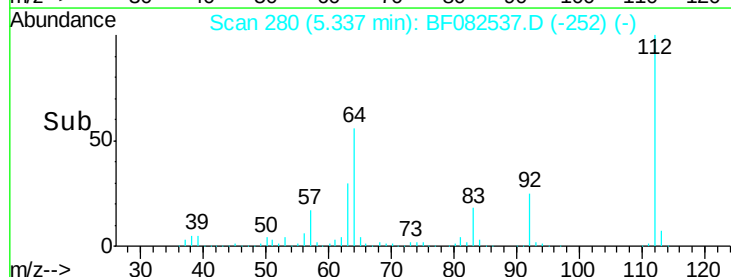
#5

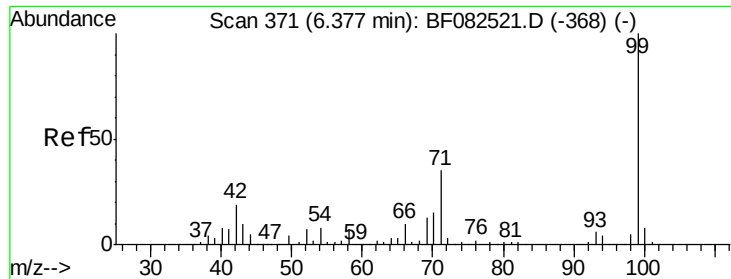
2-Fluorophenol
Concen: 139.64 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	49.0	73.4
63	29.6	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: 134.29 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

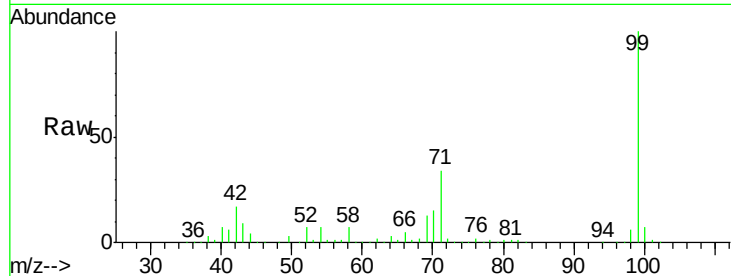
Tot Ion: 99 Resp: 904949

Ion Ratio Lower Upper

99 100

42 17.4 15.1 22.7

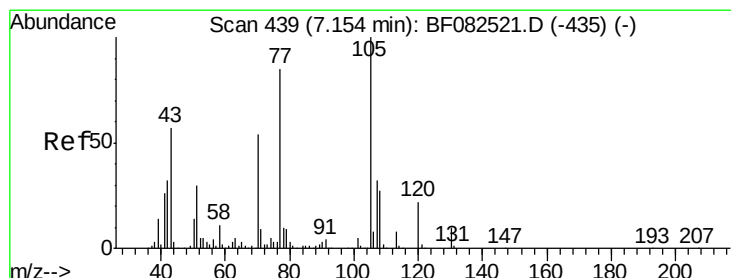
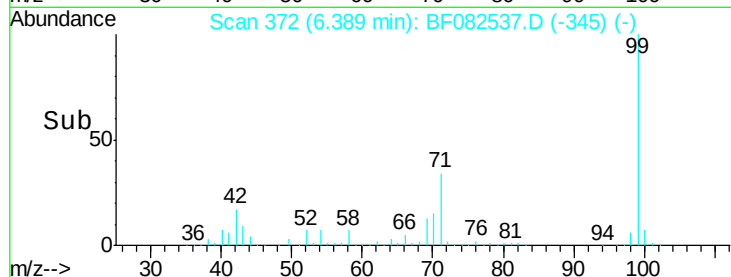
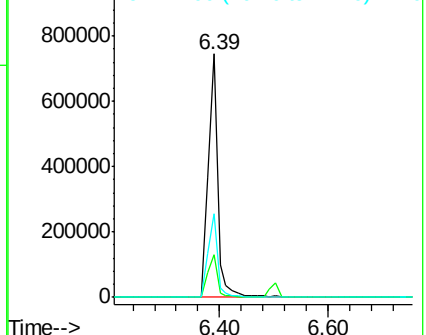
71 34.4 28.2 42.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.96 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Tgt Ion: 70 Resp: 70073

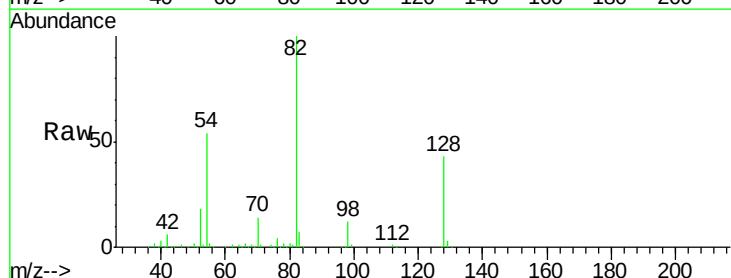
Ion Ratio Lower Upper

70 100

42 44.7 46.9 70.3#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

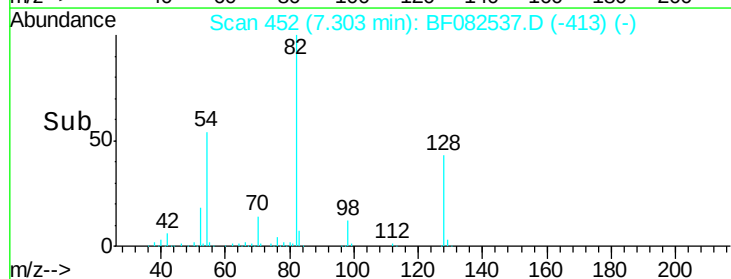
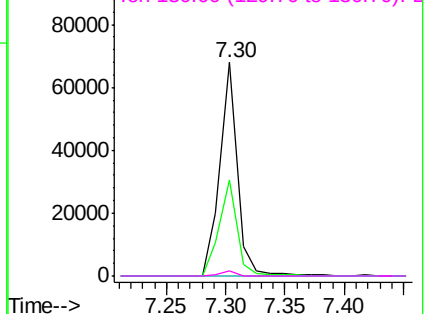


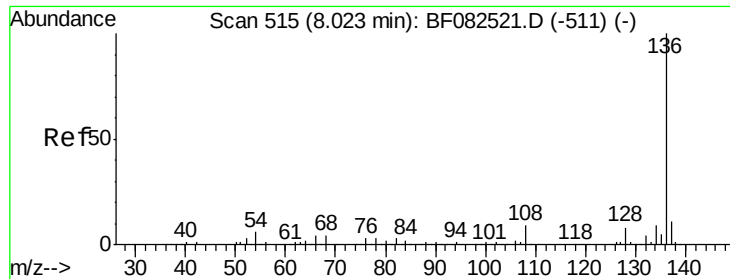
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

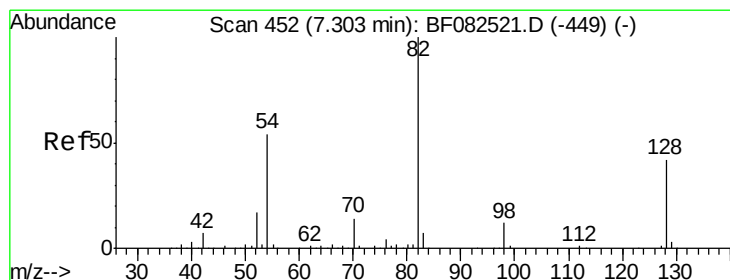
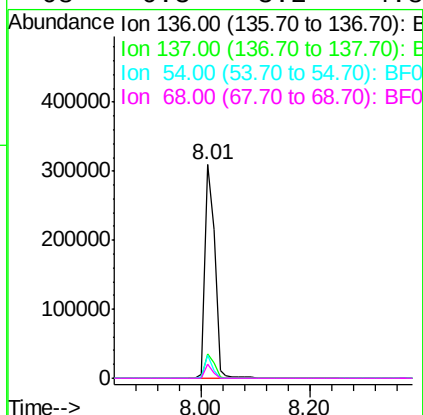
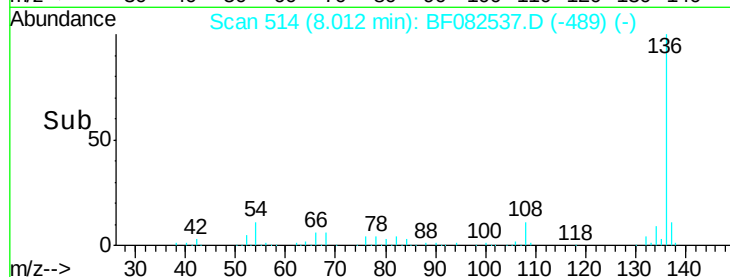
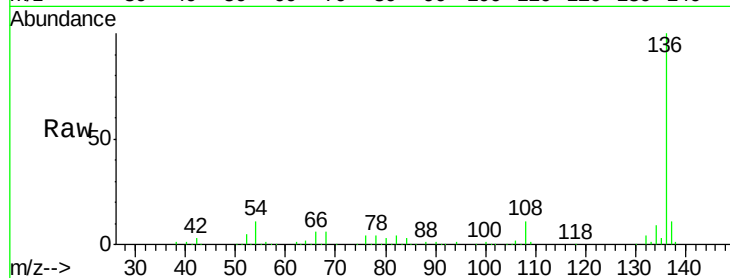




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

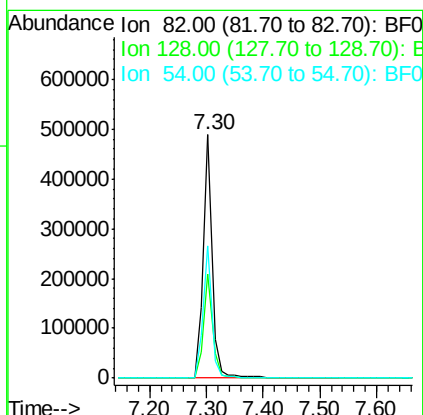
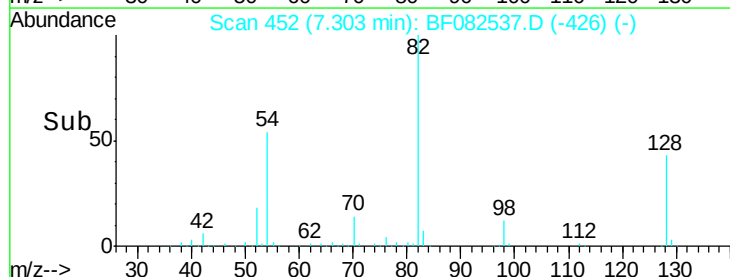
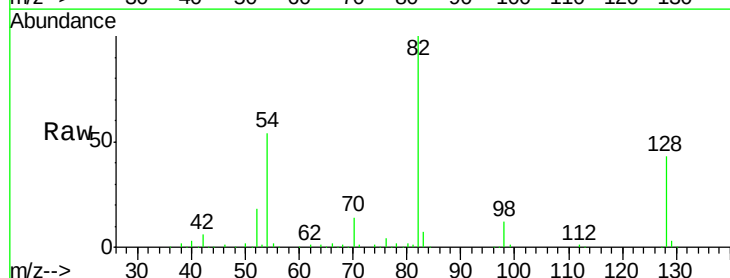
Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

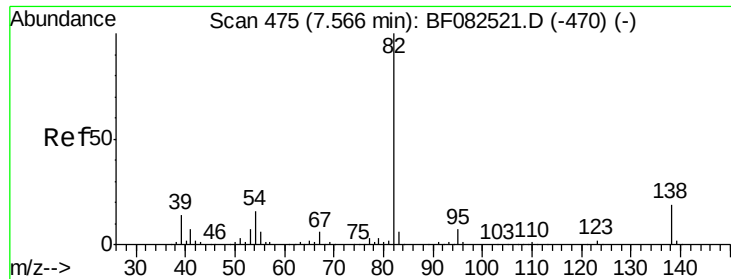
Tot Ion:	136	Resp:	385326
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.6	4.6	7.0#
68	6.3	3.2	4.8#



#23
Nitrobenzene-d5
Concen: 87.29 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Tgt Ion:	82	Resp:	521372
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.0
54	54.4	43.5	65.3





#25

Isophorone

Concen: 43.97 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

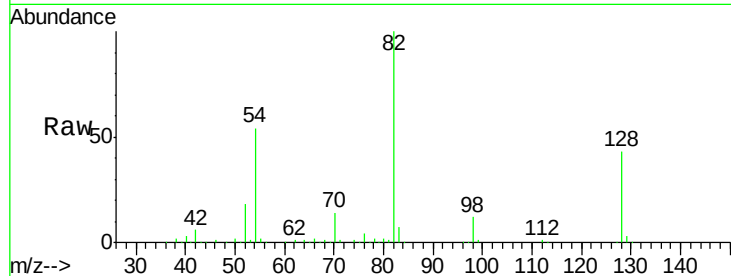
Tot Ion: 82 Resp: 521804

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

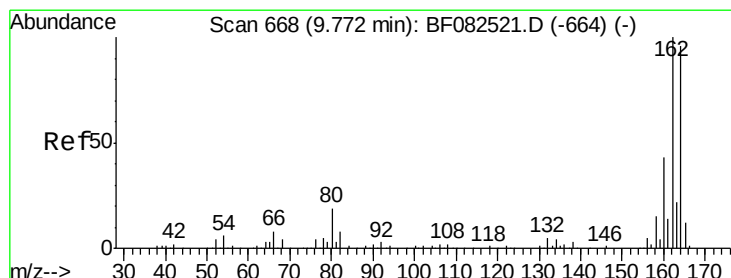
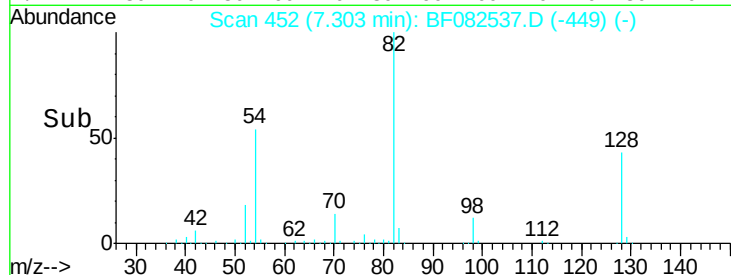
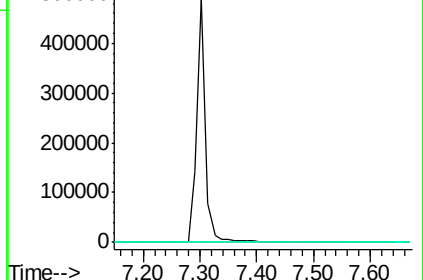
138 0.0 15.0 22.4#



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: BF082537.D

Acq: 27 Oct 2015 7:59

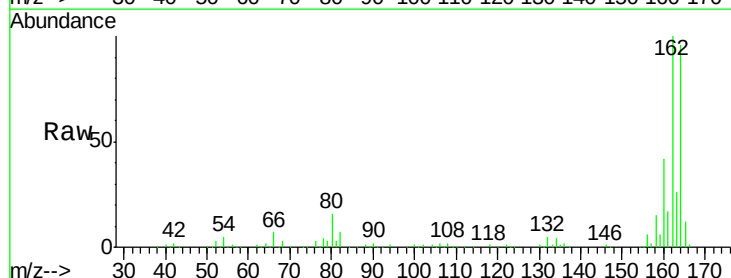
Tgt Ion: 164 Resp: 204508

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

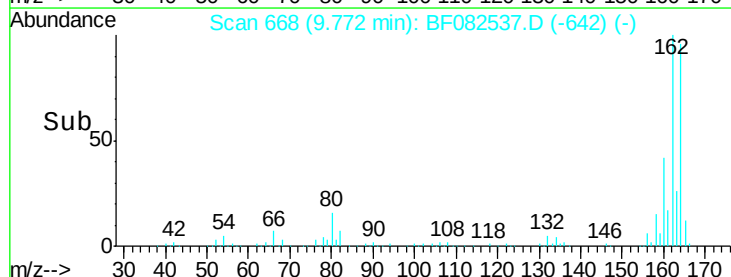
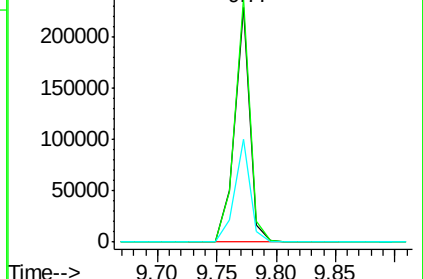
160 44.0 36.0 54.0

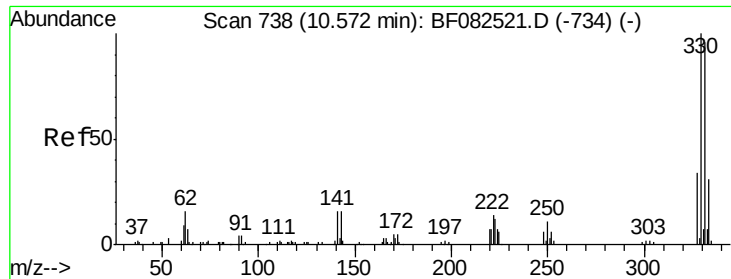


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

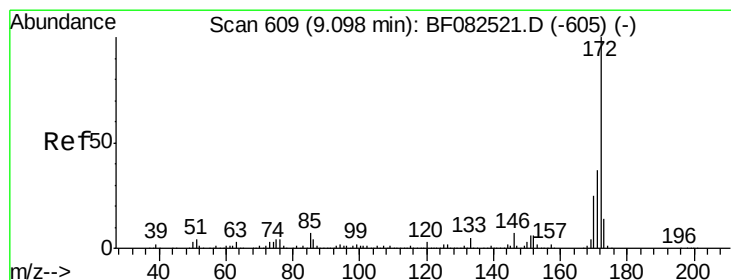
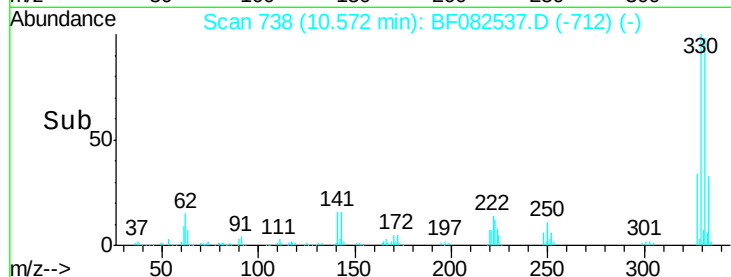
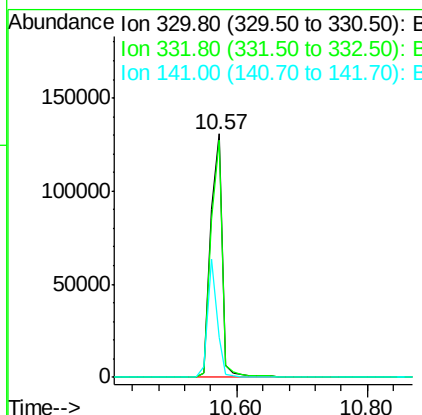
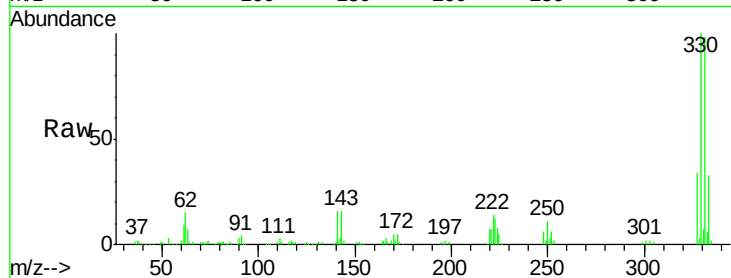




#41
 2,4,6-Tribromophenol
 Concen: 107.19 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082537.D
 Acq: 27 Oct 2015 7:59

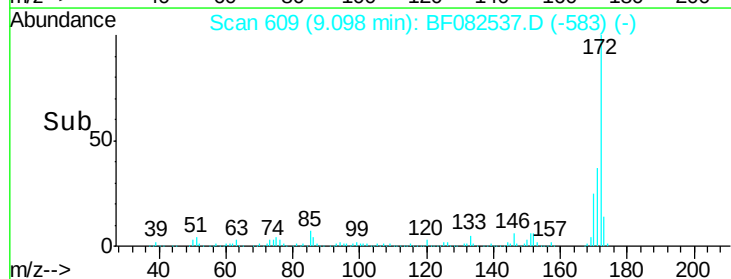
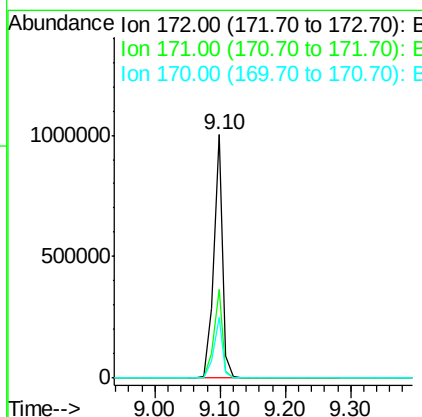
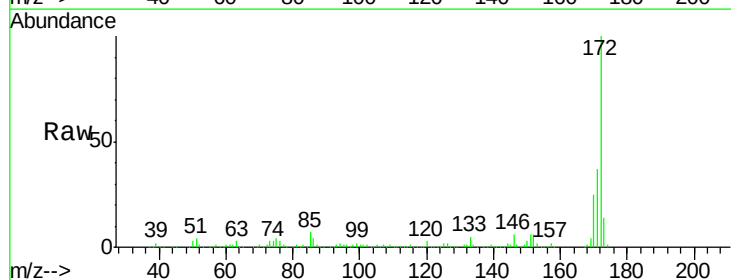
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

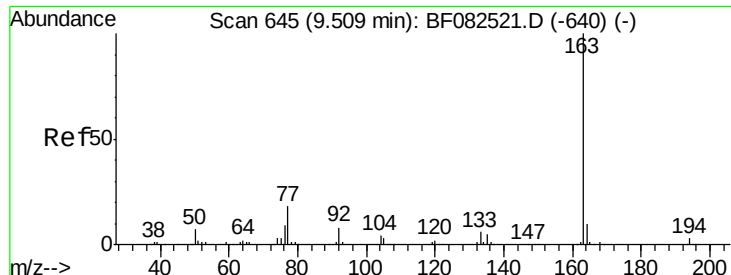
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	39.9	32.5	48.7



#44
 2-Fluorobiphenyl
 Concen: 75.36 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082537.D
 Acq: 27 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	25.0	19.8	29.6





#49

Dimethylphthalate

Concen: 15.02 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

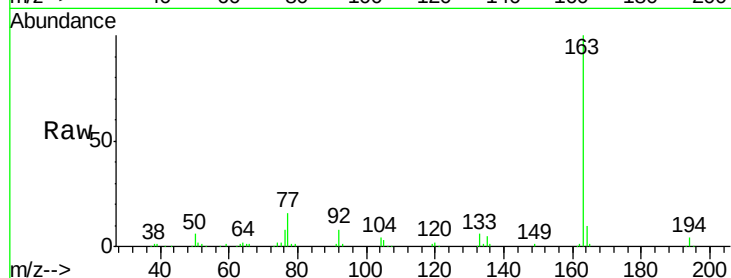
Tot Ion:163 Resp: 213776

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

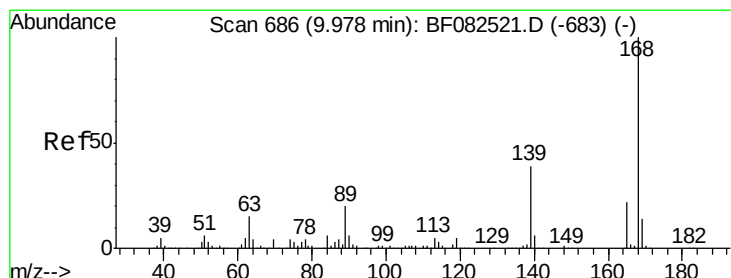
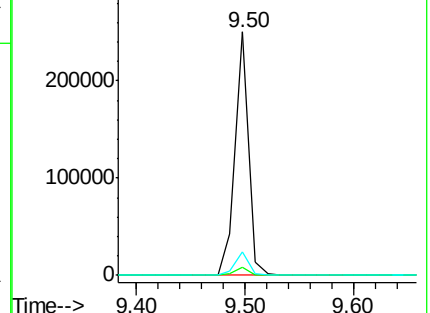
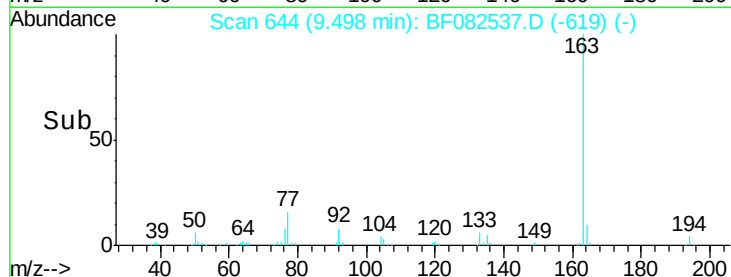
164 9.8 8.2 12.4



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: 6.75 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Tgt Ion:165 Resp: 25528

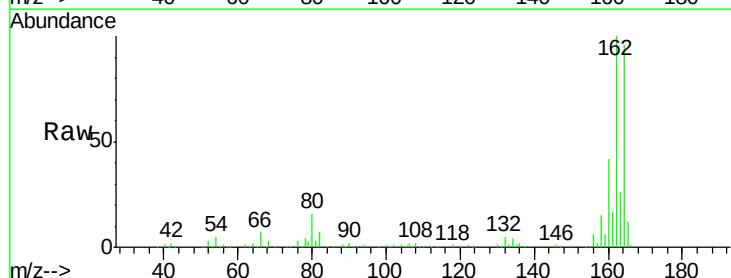
Ion Ratio Lower Upper

165 100

63 1.5 58.6 88.0#

89 1.5 72.3 108.5#

182 0.0 1.8 2.8#

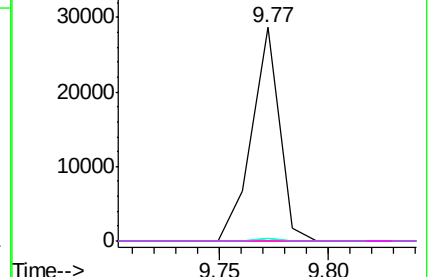
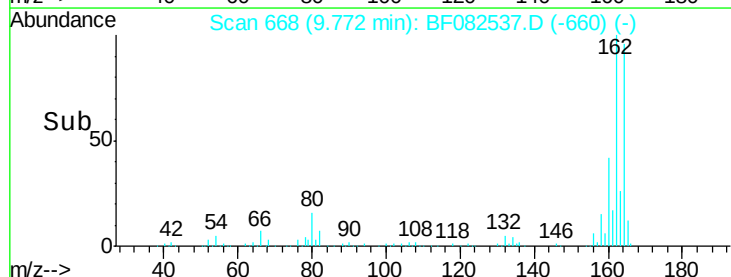


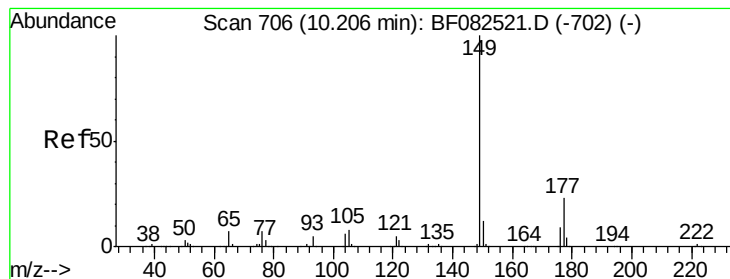
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 2.66 ng

RT: 10.19 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

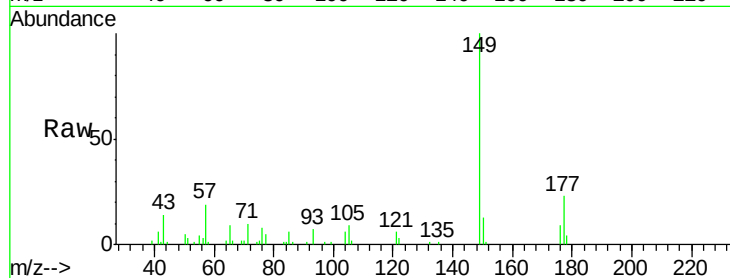
Tot Ion:149 Resp: 36808

Ion Ratio Lower Upper

149 100

177 22.7 18.6 28.0

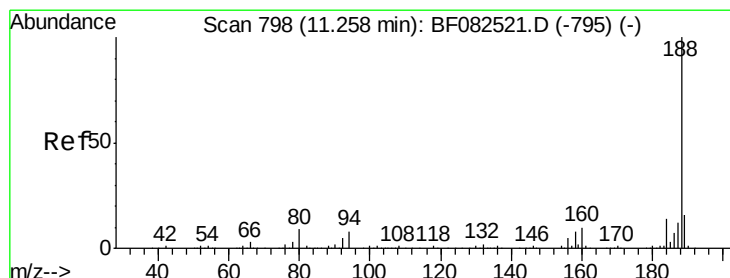
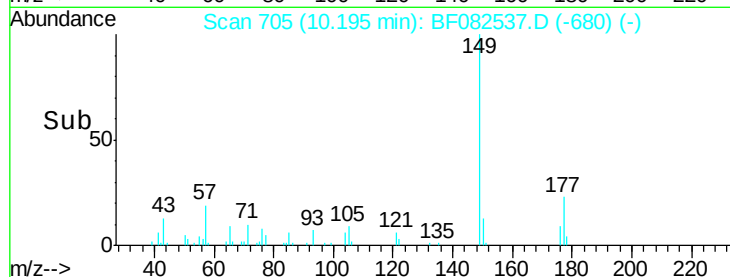
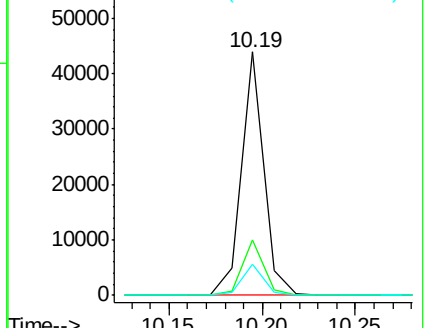
150 12.8 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

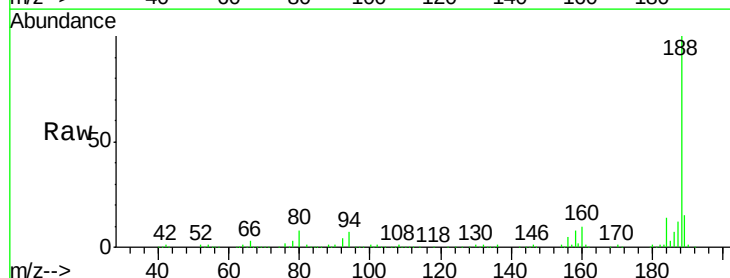
Tgt Ion:188 Resp: 347043

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

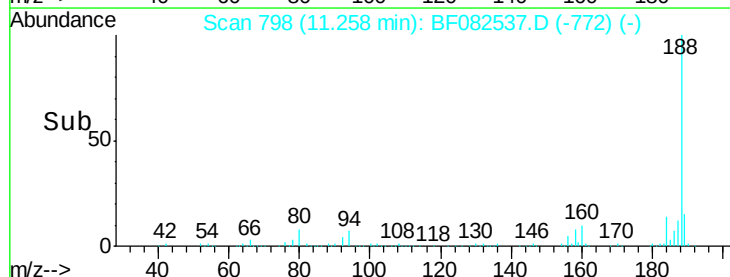
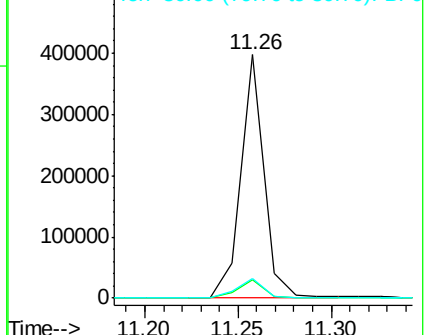
80 8.1 7.0 10.6

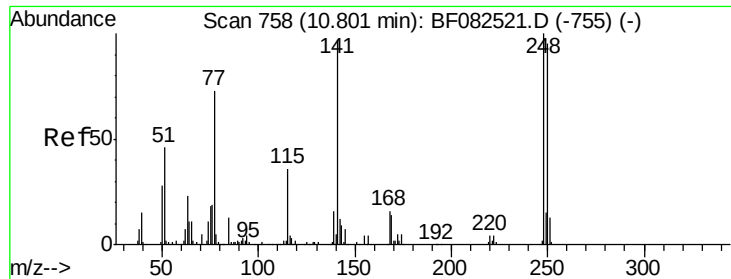


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.64 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.24 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

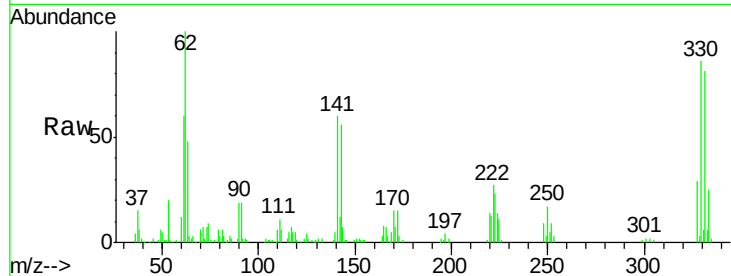
Tot Ion:248 Resp: 11845

Ion Ratio Lower Upper

248 100

250 198.2 76.0 114.0#

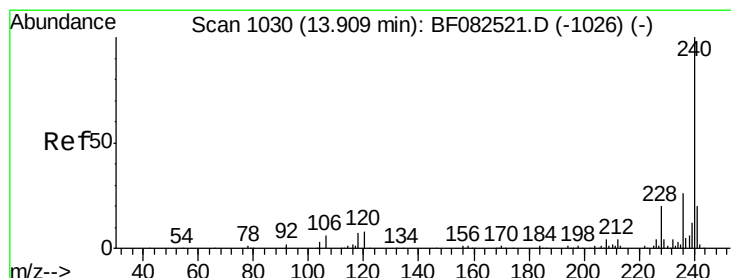
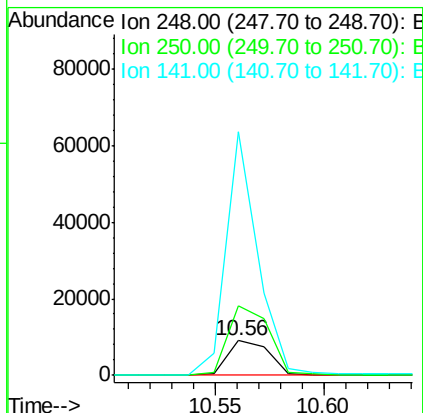
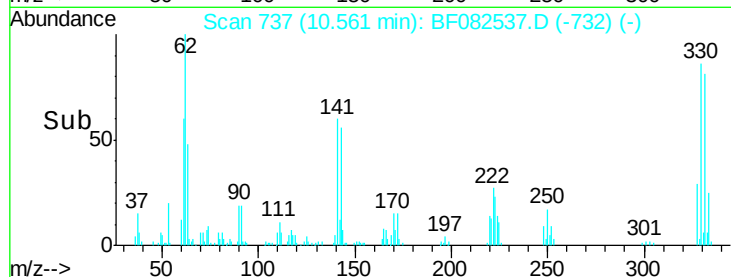
141 699.8 77.5 116.3#



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: 13.91 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

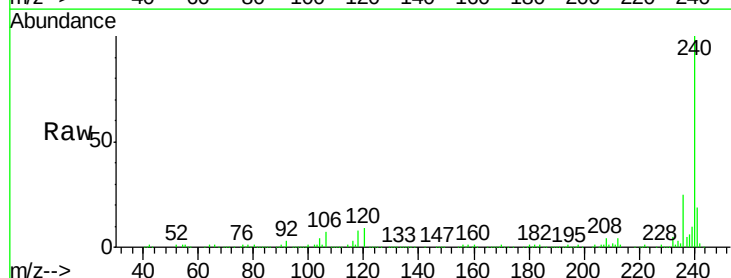
Tgt Ion:240 Resp: 285987

Ion Ratio Lower Upper

240 100

120 9.4 6.5 9.7

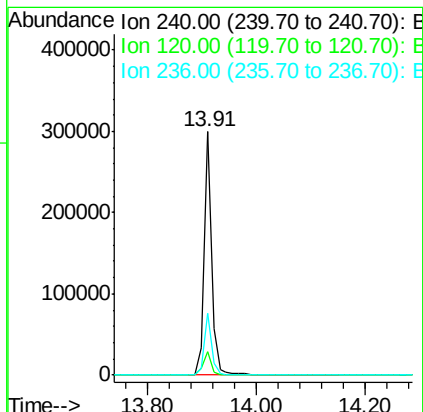
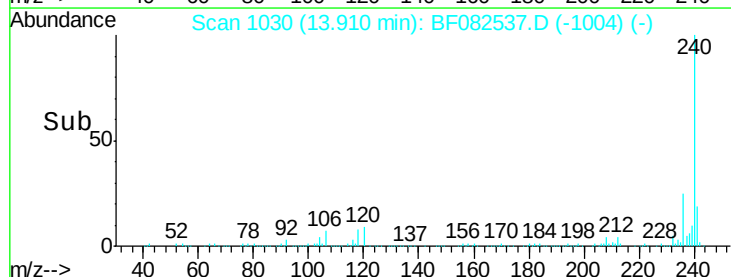
236 25.5 20.5 30.7

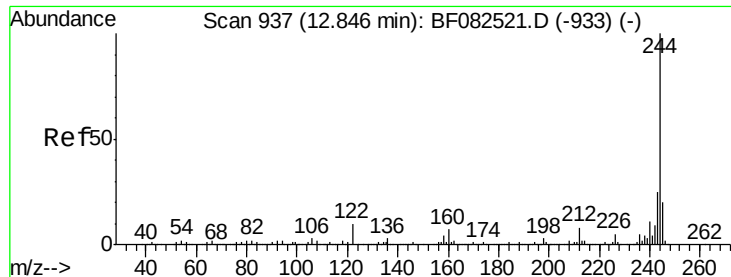


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

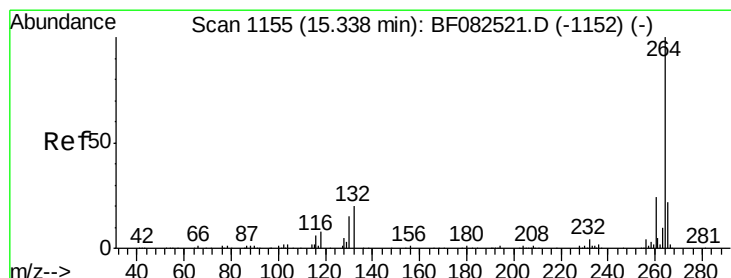
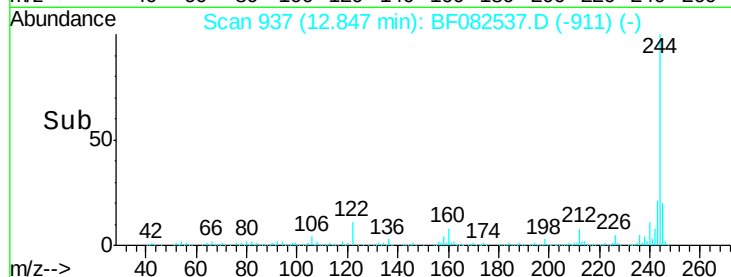
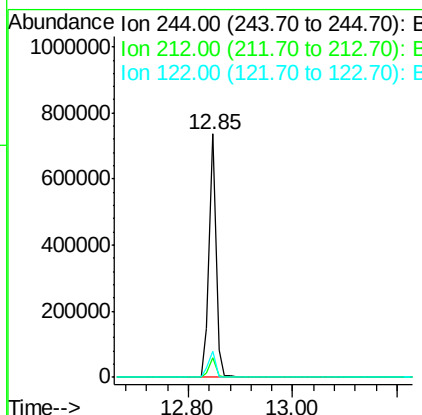
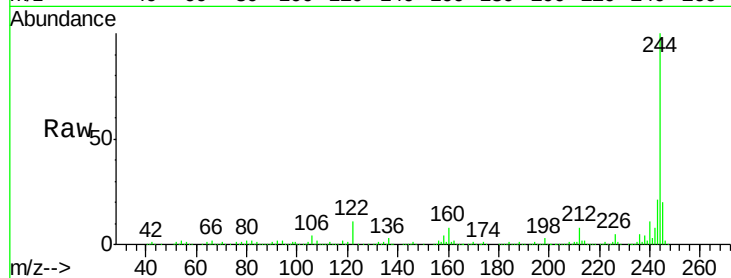




#78
 Terphenyl-d14
 Concen: 68.75 ng
 RT: 12.85 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF082537.D
 Acq: 27 Oct 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Tot Ion:244 Resp: 682504
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 10.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1157
 Delta R.T. 0.02 min
 Lab File: BF082537.D
 Acq: 27 Oct 2015 7:59

Tgt Ion:264 Resp: 235417
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.5 17.8 26.6

