

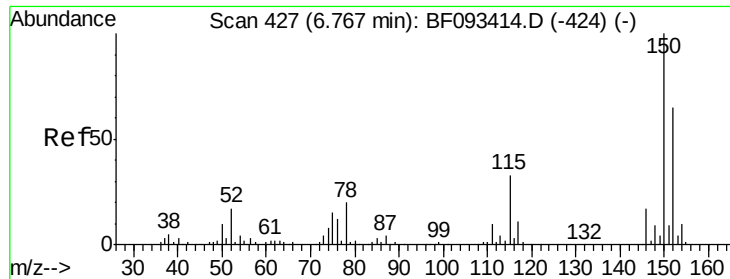
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093464.D
 Acq On : 9 Mar 2017 9:00
 Operator : SJ/MA
 Sample : I2127-25
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:08:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	173253	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	647084	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	284482	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	418757	20.00	ng	0.01
75) Chrysene-d12	13.93	240	366012	20.00	ng	0.01
86) Perylene-d12	15.34	264	286605	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1386414	133.18	ng	0.02
7) Phenol-d6	6.42	99	1709037	130.19	ng	0.01
23) Nitrobenzene-d5	7.34	82	1092918	93.71	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	232416	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1753626	114.66	ng	0.00
78) Terphenyl-d14	12.87	244	1068489	75.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	3091	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	144299	15.99	ng	84
25) Isophorone	7.34	82	916563	38.97	ng	65
50) 2,6-Dinitrotoluene	9.81	165	34371	8.31	ng	32
56) 2,4-Dinitrotoluene	9.81	165	34373	6.76	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	17432	3.94	ng	1

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

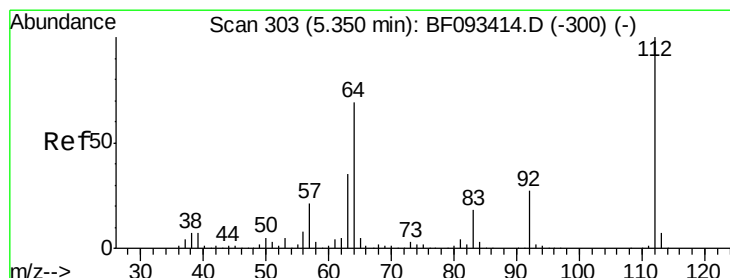
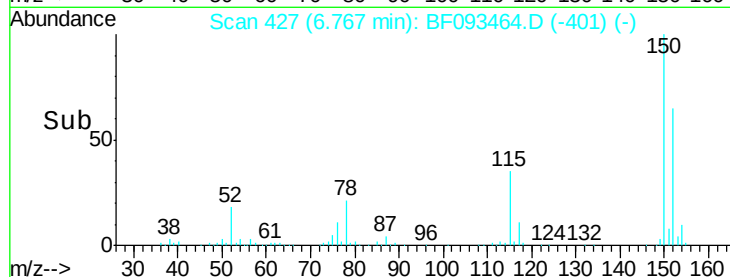
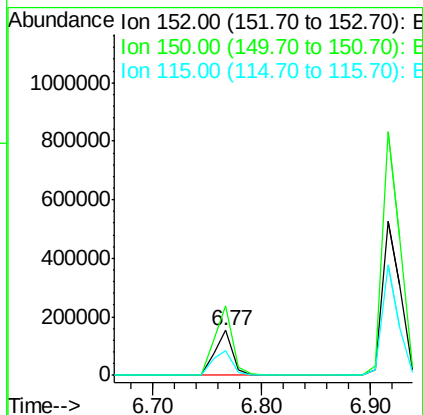
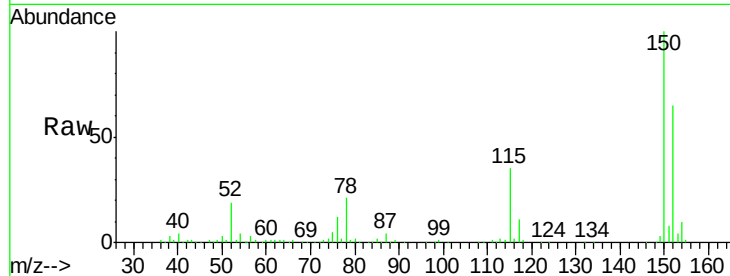


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :

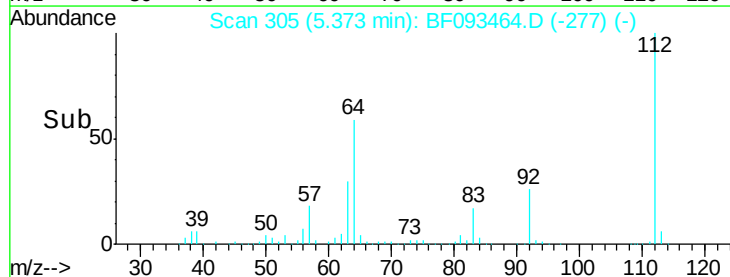
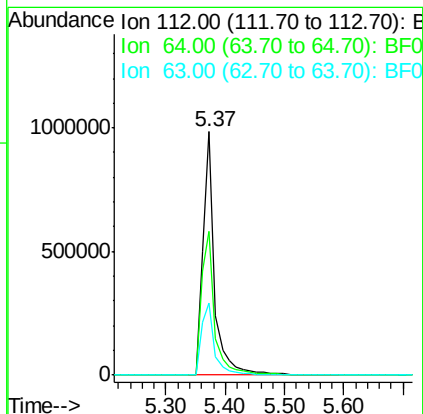
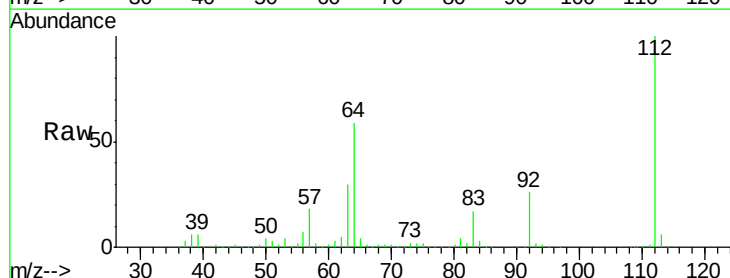
Tot Ion:152 Resp: 173253
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 54.1 46.0 69.0

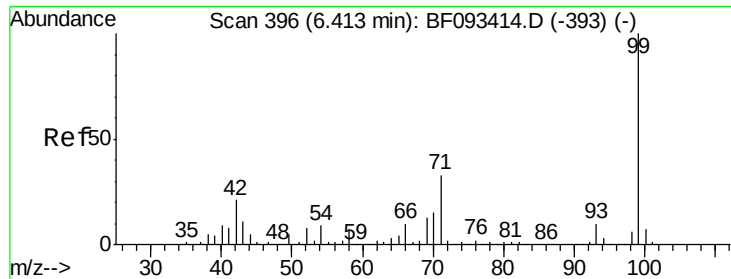


#5

2-Fluorophenol
Concen: 133.18 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Tgt Ion:112 Resp: 1386414
Ion Ratio Lower Upper
112 100
64 59.2 46.1 69.1
63 29.8 23.8 35.6





#7

Phenol-d6

Concen: 130.19 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093464.D

Acq: 9 Mar 2017 9:00

Instrument :

BNA_F

ClientSampleId :

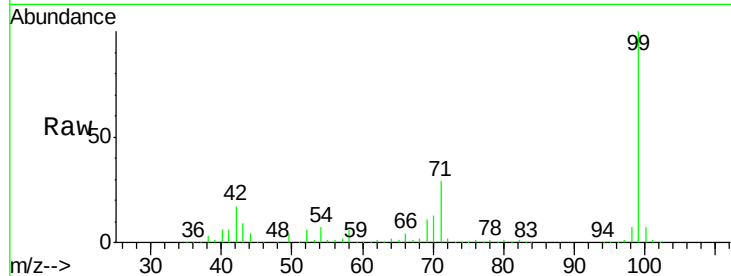
Tot Ion: 99 Resp: 1709037

Ion Ratio Lower Upper

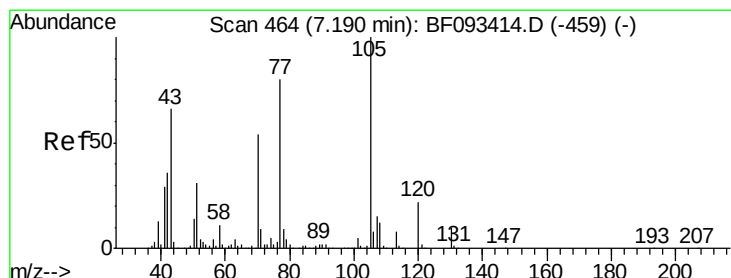
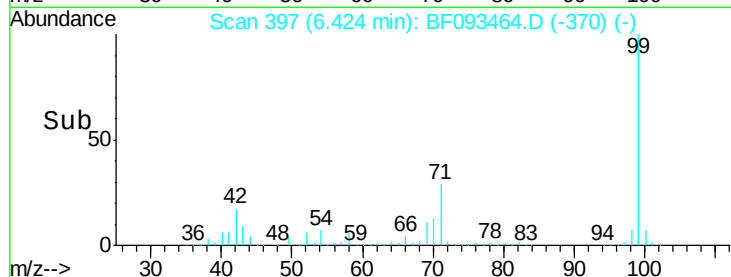
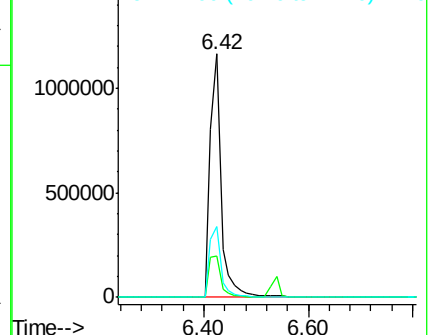
99 100

42 16.8 15.6 23.4

71 29.1 27.5 41.3



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: 15.99 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093464.D

Acq: 9 Mar 2017 9:00

Tgt Ion: 70 Resp: 144299

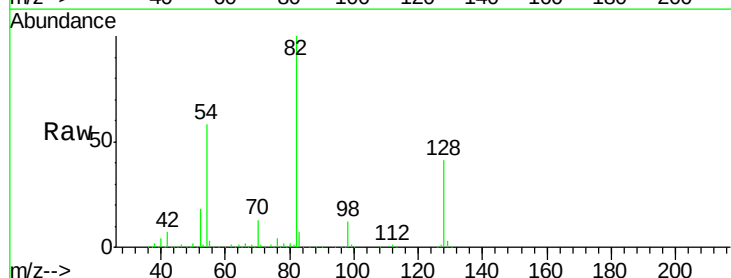
Ion Ratio Lower Upper

70 100

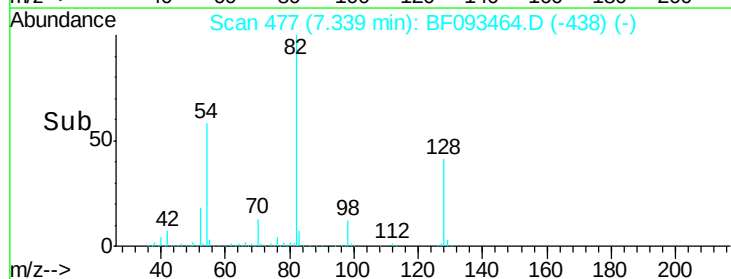
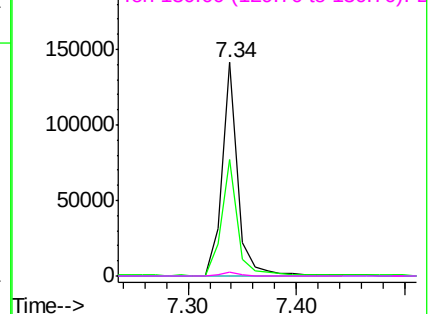
42 54.8 49.4 74.0

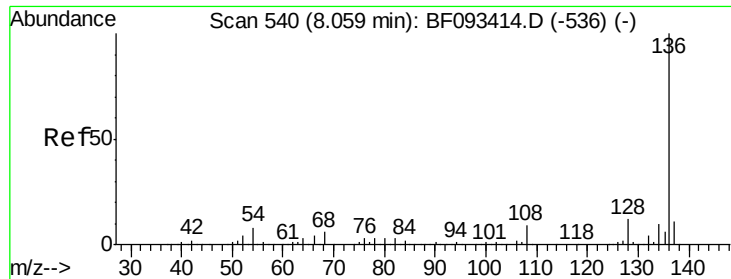
101 0.0 7.4 11.2#

130 2.0 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

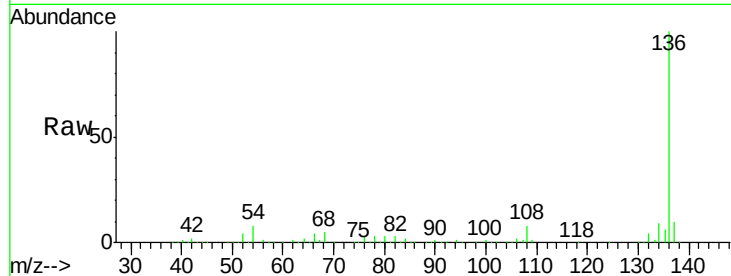




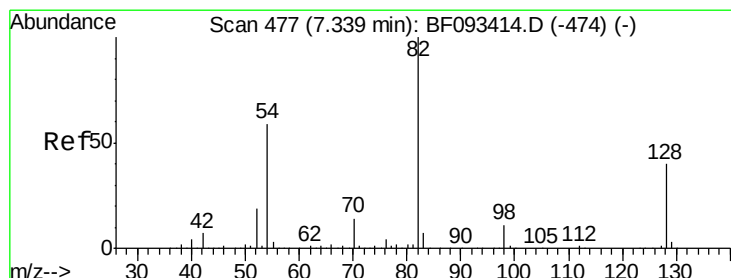
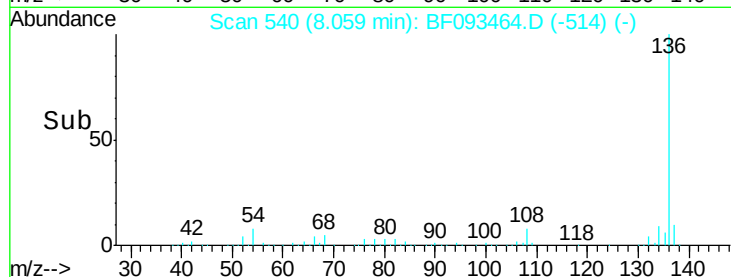
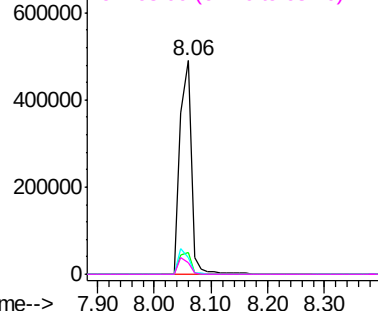
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	647084
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.5	4.5	6.7#
68	5.4	3.6	5.4

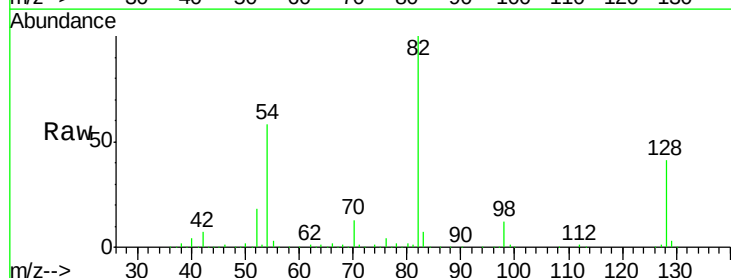


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

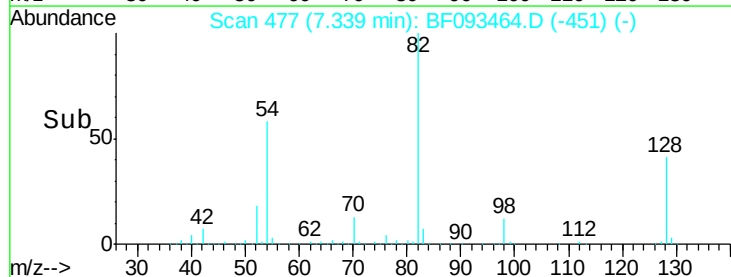
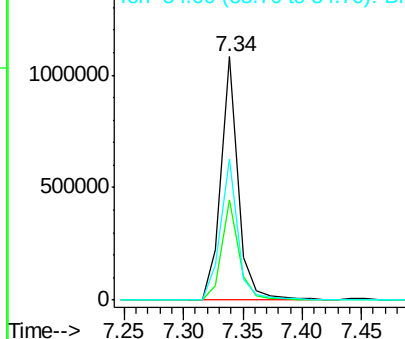


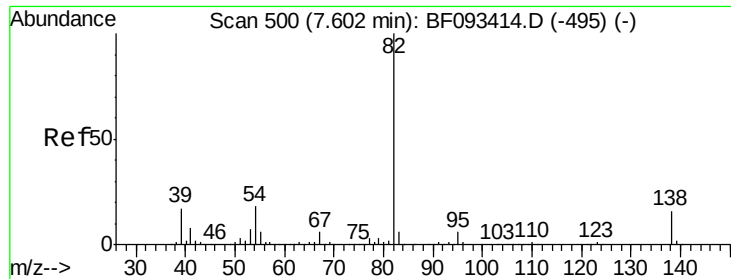
#23
Nitrobenzene-d5
Concen: 93.71 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Tgt Ion:	82	Resp:	1092918
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	58.2	39.5	59.3



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





#25

Isophorone

Concen: 38.97 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093464.D

Acq: 9 Mar 2017 9:00

Instrument :

BNA_F

ClientSampleId :

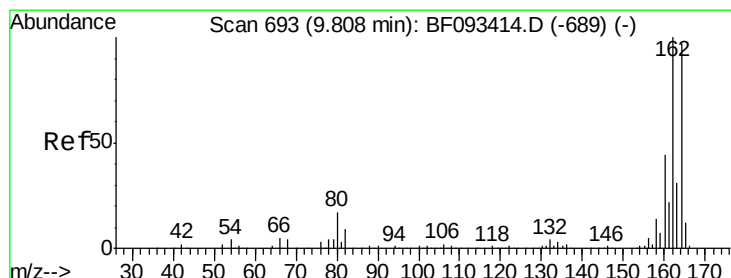
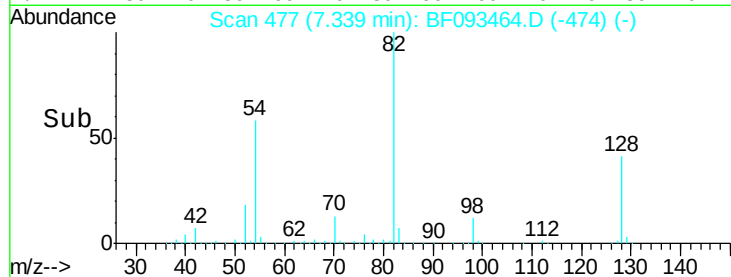
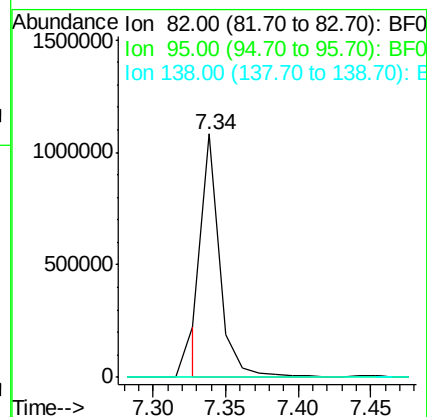
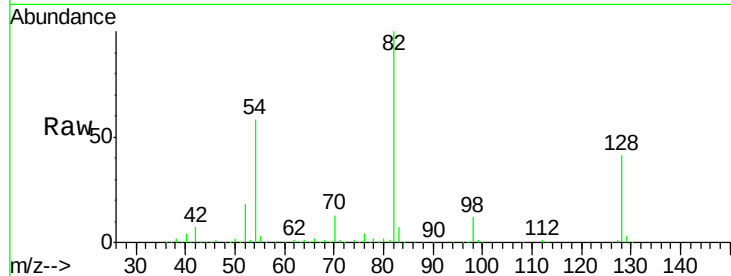
Tot Ion: 82 Resp: 916563

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093464.D

Acq: 9 Mar 2017 9:00

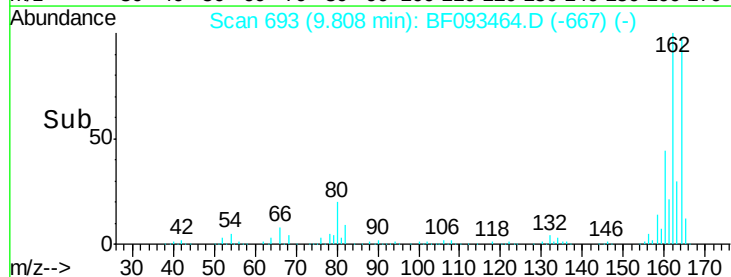
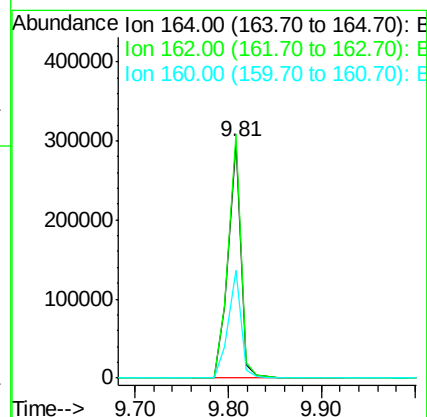
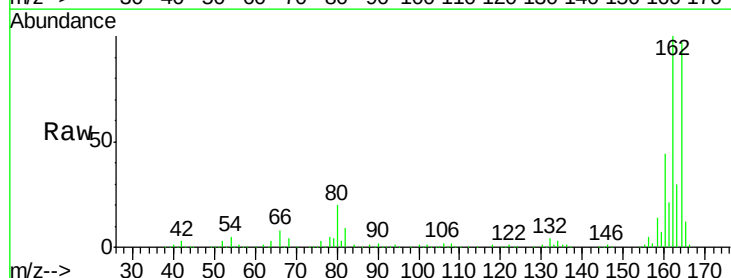
Tgt Ion: 164 Resp: 284482

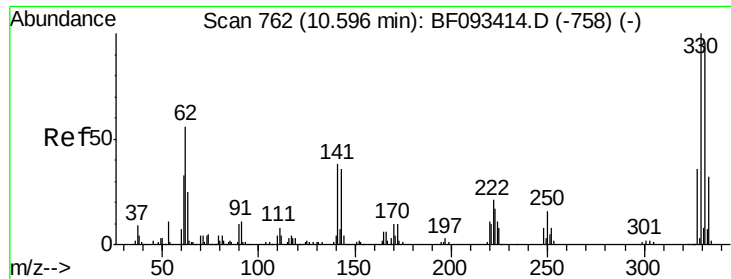
Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

160 45.7 36.9 55.3

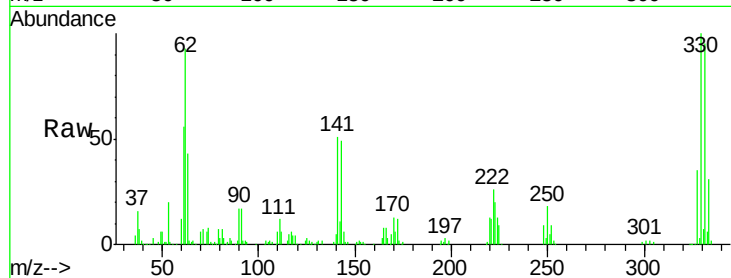




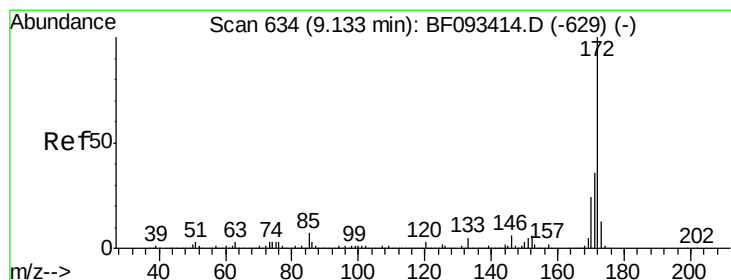
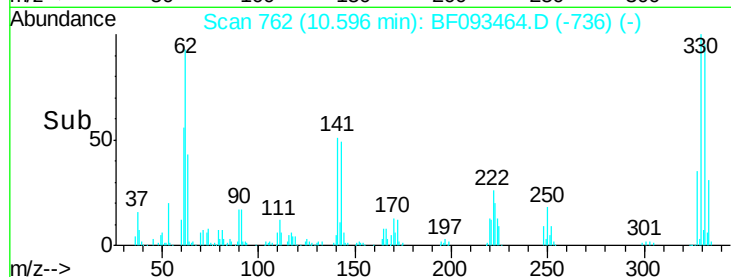
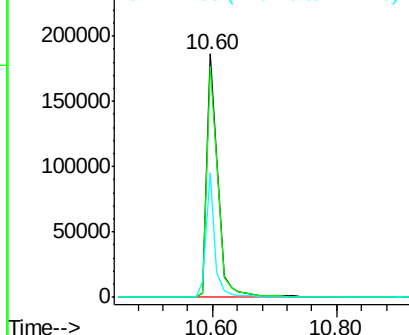
#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093464.D
 Acq: 9 Mar 2017 9:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 232416
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 41.6 34.1 51.1

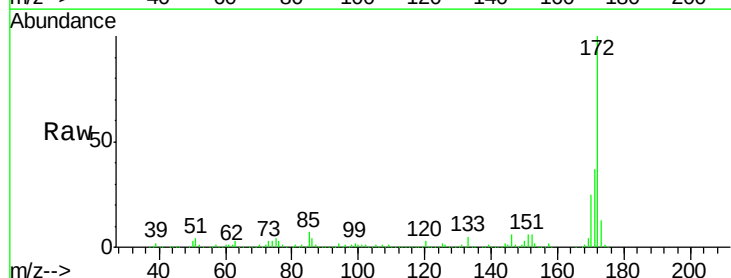


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

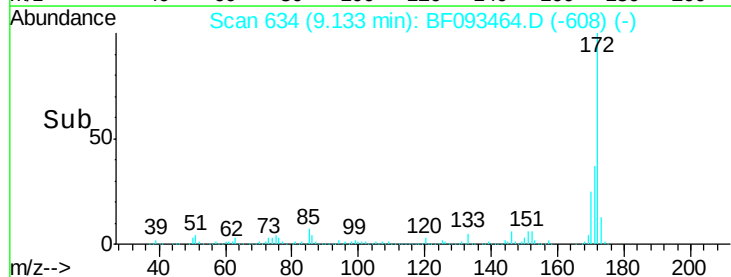
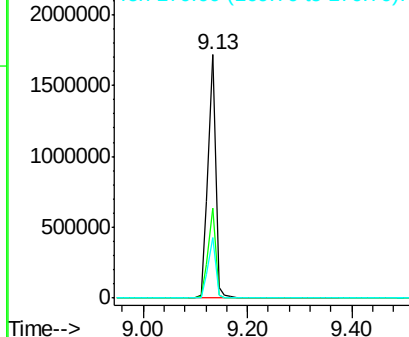


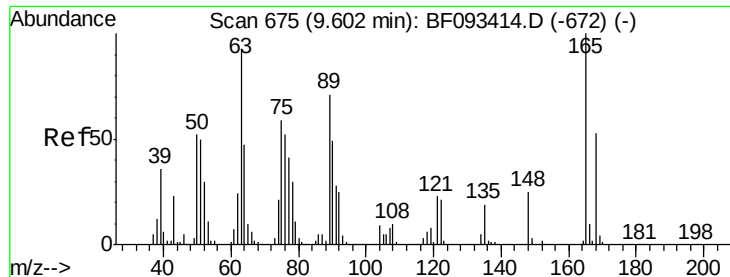
#44
 2-Fluorobiphenyl
 Concen: 114.66 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093464.D
 Acq: 9 Mar 2017 9:00

Tgt Ion:172 Resp: 1753626
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 20.2 30.4



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

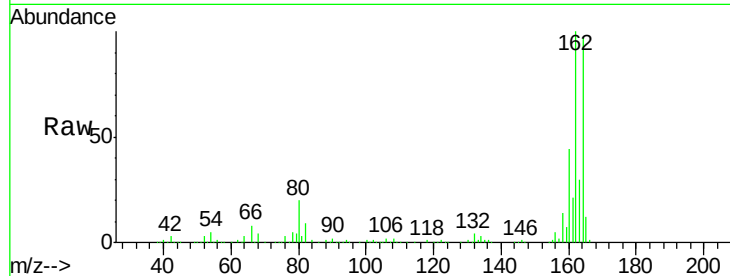




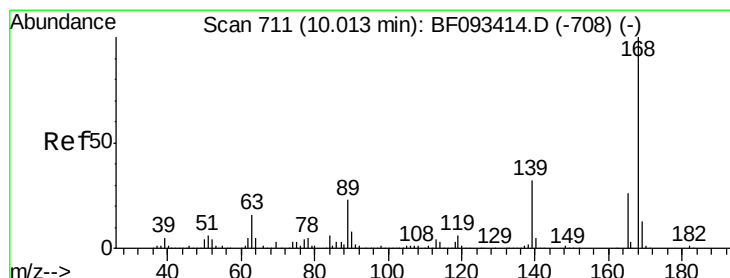
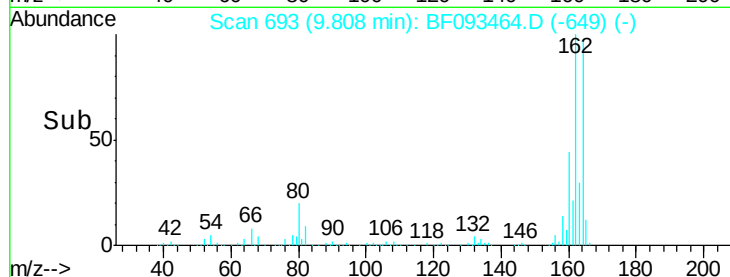
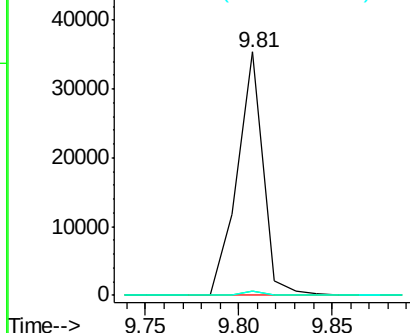
#50
 2,6-Dinitrotoluene
 Concen: 8.31 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093464.D
 Acq: 9 Mar 2017 9:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 34371
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.2 54.4#
 89 1.8 40.2 60.4#

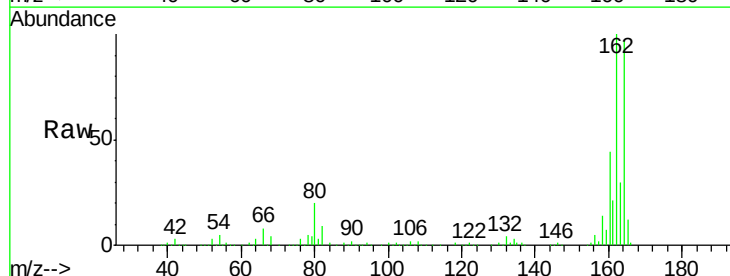


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

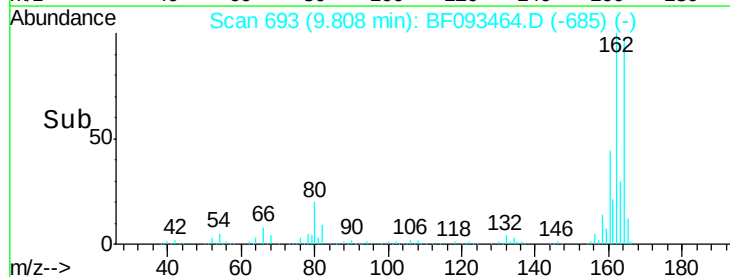
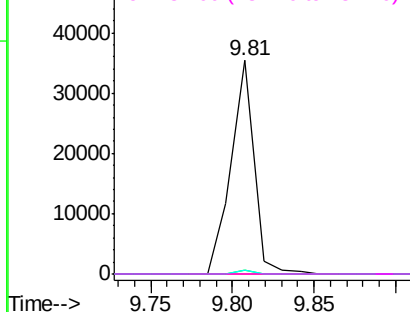


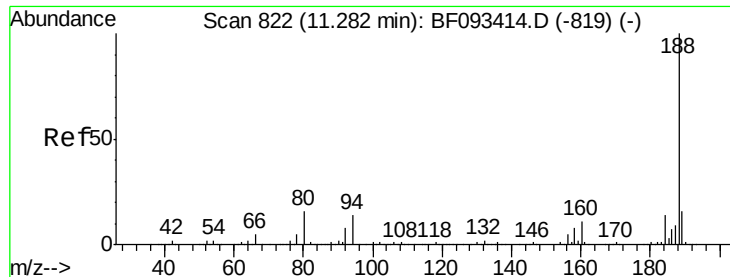
#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093464.D
 Acq: 9 Mar 2017 9:00

Tgt Ion:165 Resp: 34373
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.8 62.5 93.7#
 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

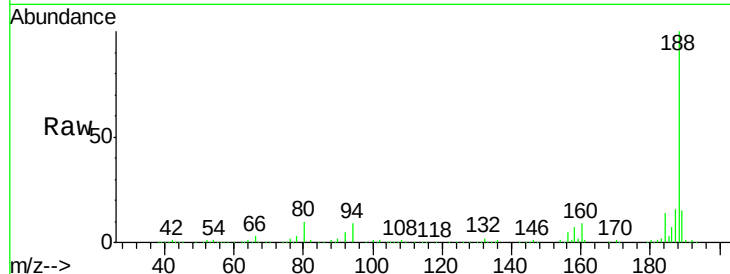




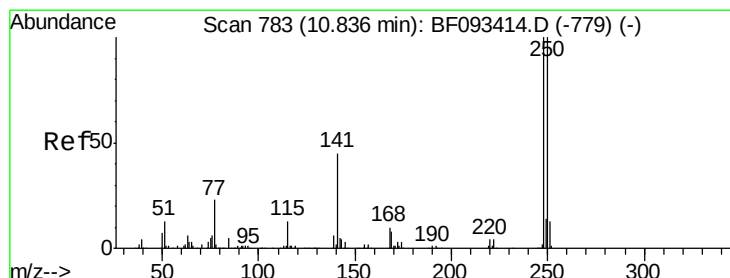
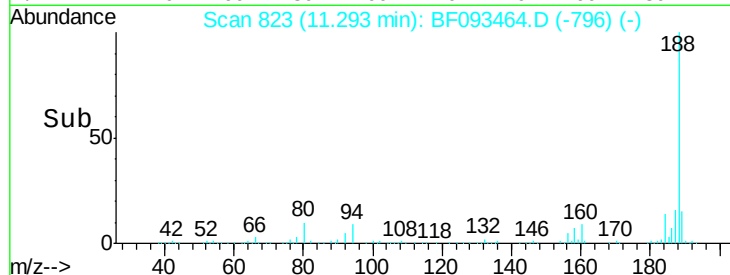
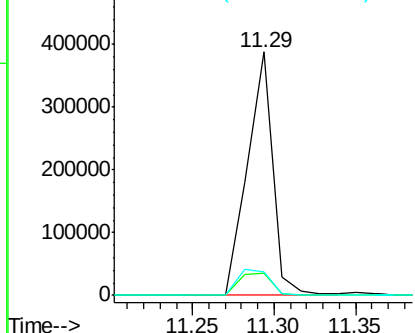
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 418757
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.7 11.2 16.8#

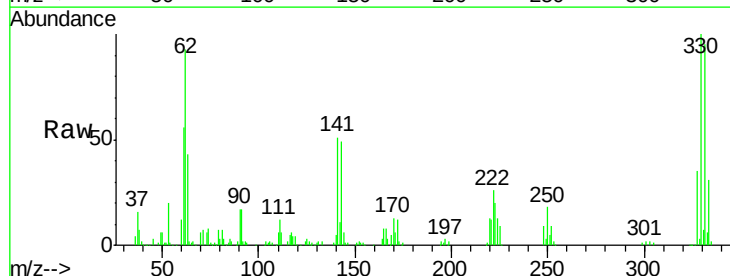


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

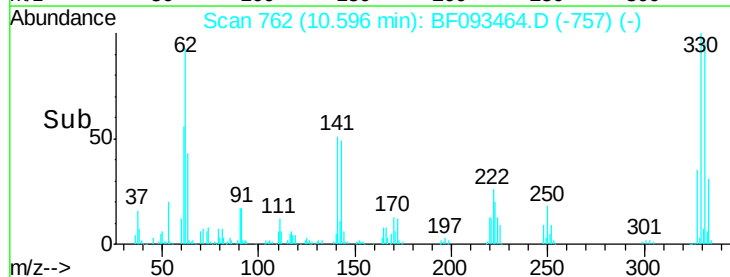
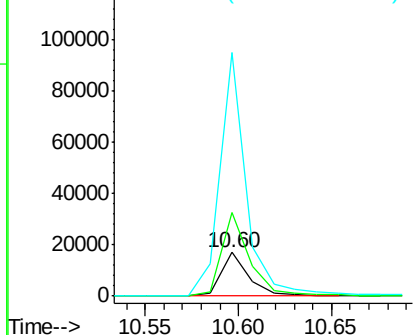


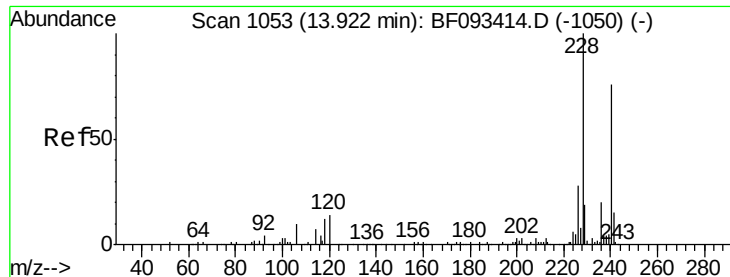
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Tgt Ion:248 Resp: 17432
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 557.5 68.2 102.4#



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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093464.D

Acq: 9 Mar 2017 9:00

Instrument :

BNA_F

ClientSampleId :

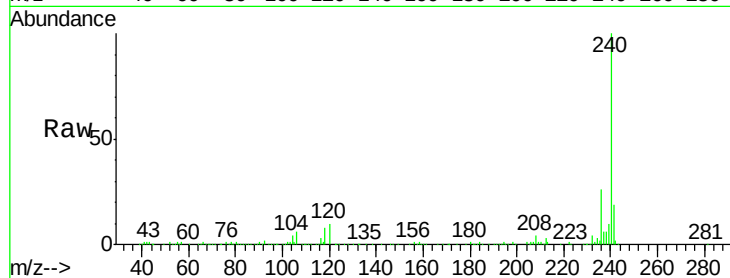
Tot Ion:240 Resp: 366012

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

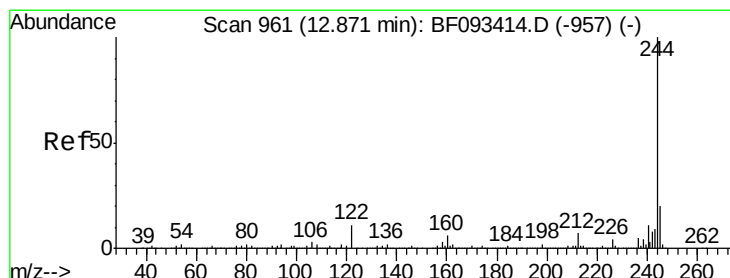
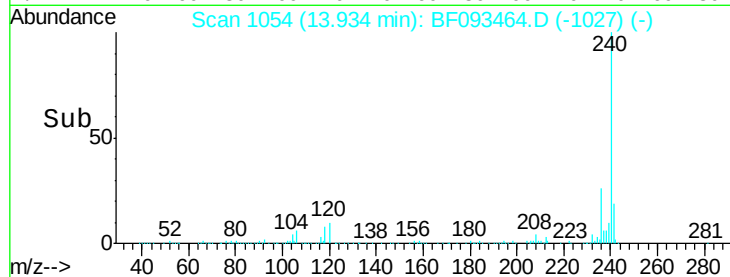
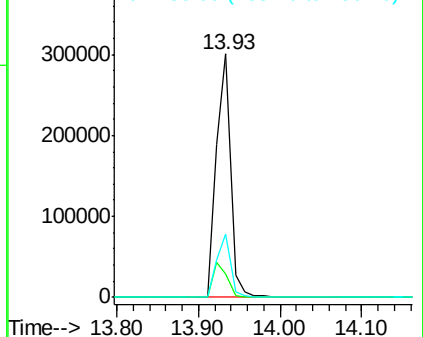
236 26.0 20.9 31.3



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: 75.90 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093464.D

Acq: 9 Mar 2017 9:00

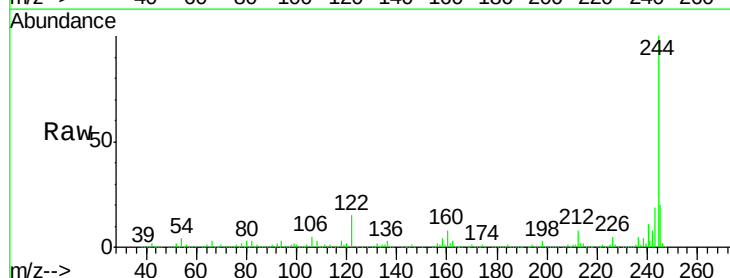
Tgt Ion:244 Resp: 1068489

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

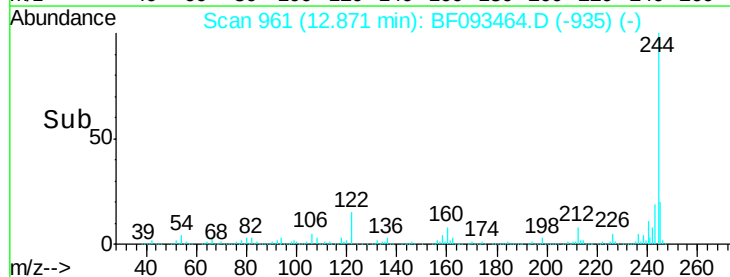
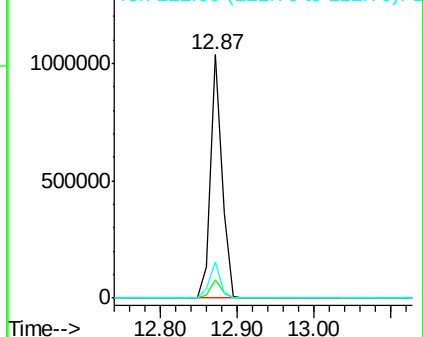
122 15.1 11.4 17.2

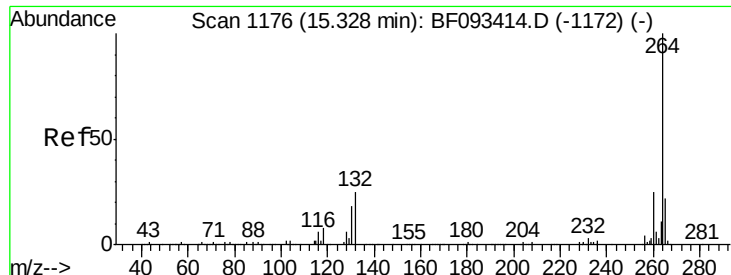


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

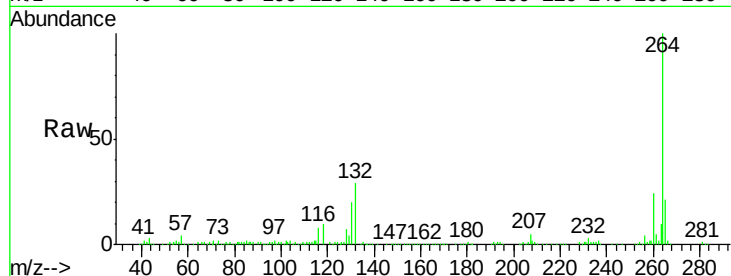




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093464.D
Acq: 9 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.8	17.4	26.0



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

