

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093434.D
 Acq On : 8 Mar 2017 17:56
 Operator : SJ/MA
 Sample : PB97426BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

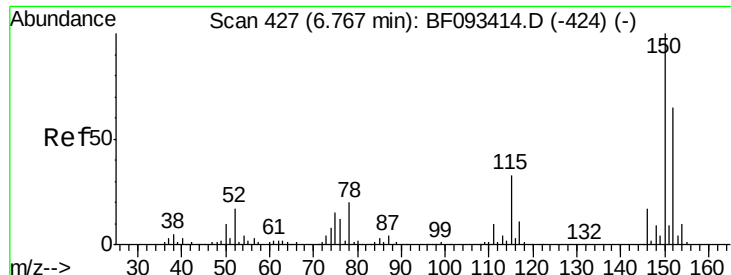
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Quant Time: Mar 08 18:19:44 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	6.92	152	564047	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	704657	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	335569	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	641513	20.00	ng	0.00
75) Chrysene-d12	13.92	240	604844	20.00	ng	0.00
86) Perylene-d12	15.34	264	501981	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1353527	39.94	ng	0.01
7) Phenol-d6	6.41	99	1592126	37.25	ng	0.00
23) Nitrobenzene-d5	7.34	82	1158363	91.21	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	308365	141.04	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1788093	99.11	ng	0.00
78) Terphenyl-d14	12.87	244	1541645	66.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	2187	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	155926	5.31	ng	80
25) Isophorone	7.34	82	1161465	45.35	ng	65
50) 2,6-Dinitrotoluene	9.81	165	41686	8.54	ng	32
56) 2,4-Dinitrotoluene	9.81	165	41687	6.95	ng	21
66) 4-Bromophenyl-phenylether	10.60	248	24032	3.54	ng	1

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

```
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Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.15 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

Instrument :

BNA_F

ClientSampleId :

PB97426BL

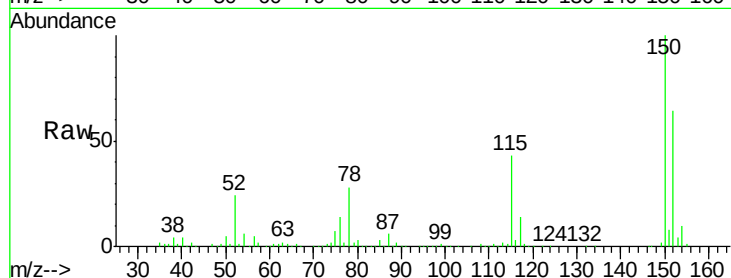
Tot Ion:152 Resp: 564047

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

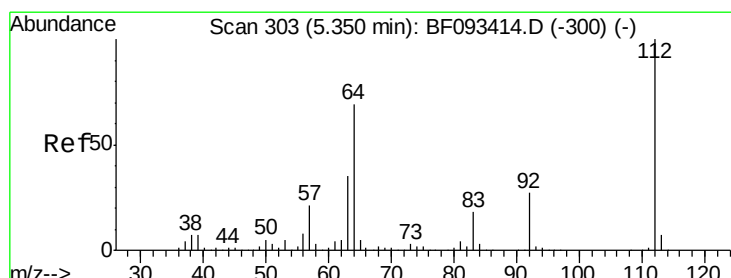
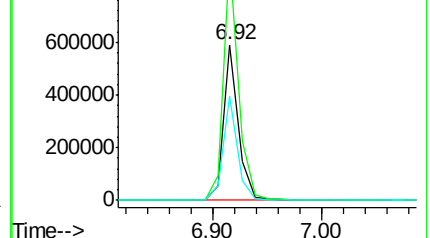
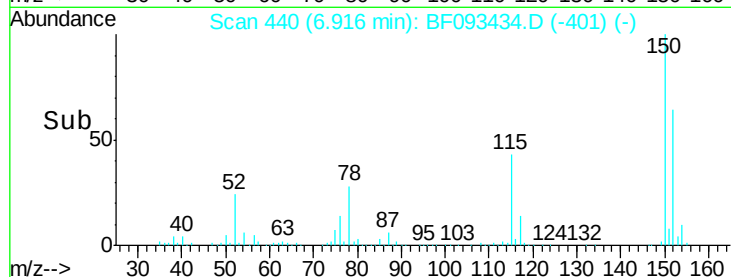
115 67.0 46.0 69.0



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: 39.94 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

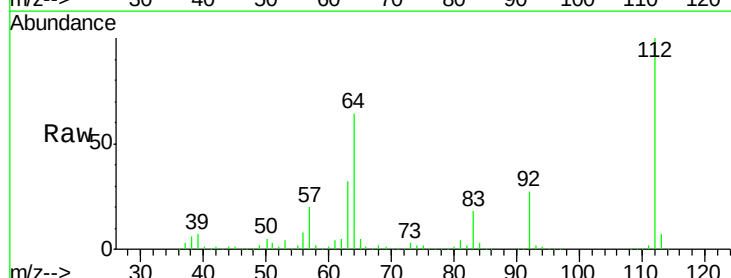
Tgt Ion:112 Resp: 1353527

Ion Ratio Lower Upper

112 100

64 64.3 46.1 69.1

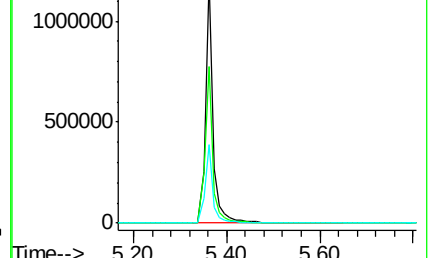
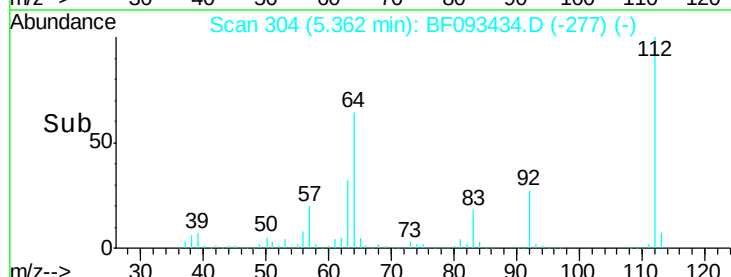
63 32.5 23.8 35.6

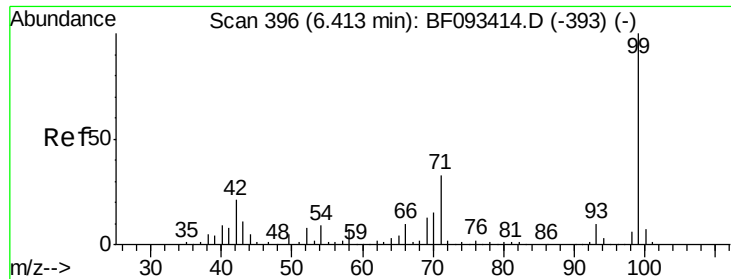


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.25 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

Instrument :

BNA_F

ClientSampleId :

PB97426BL

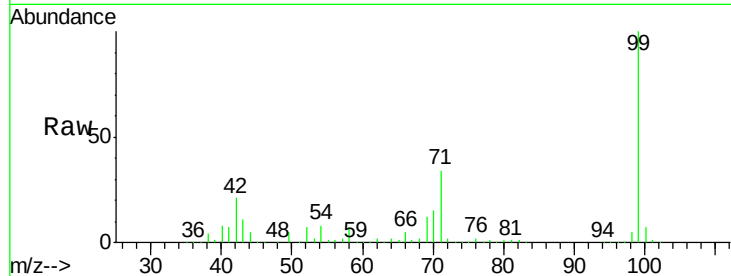
Tot Ion: 99 Resp: 1592126

Ion Ratio Lower Upper

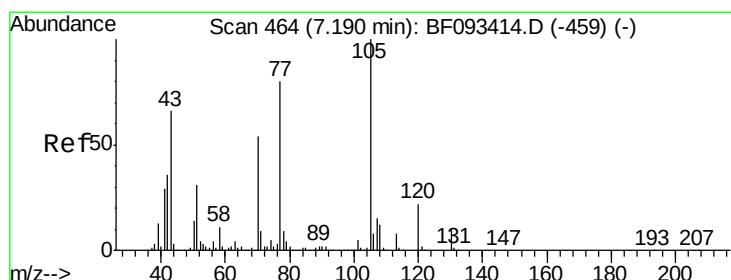
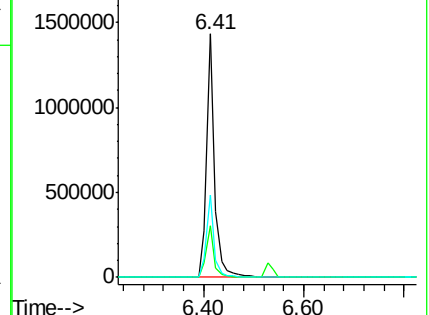
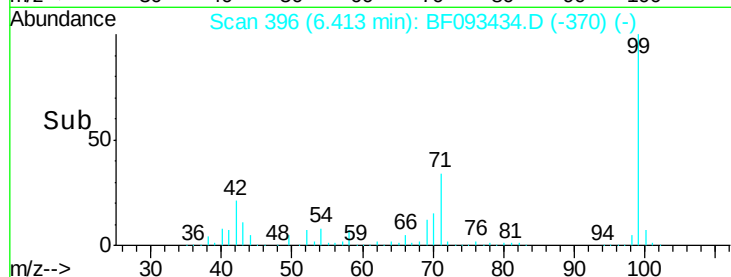
99 100

42 21.0 15.6 23.4

71 34.1 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: 5.31 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

Tgt Ion: 70 Resp: 155926

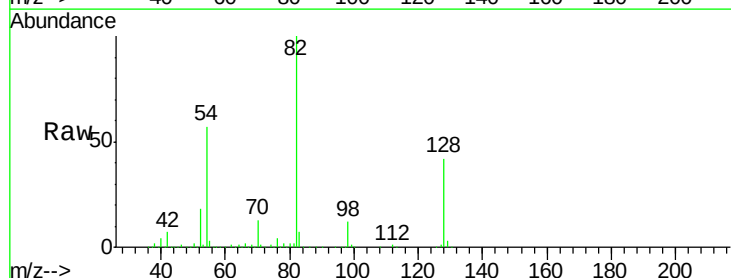
Ion Ratio Lower Upper

70 100

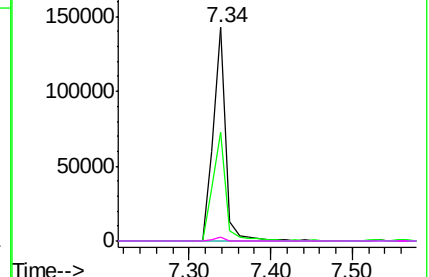
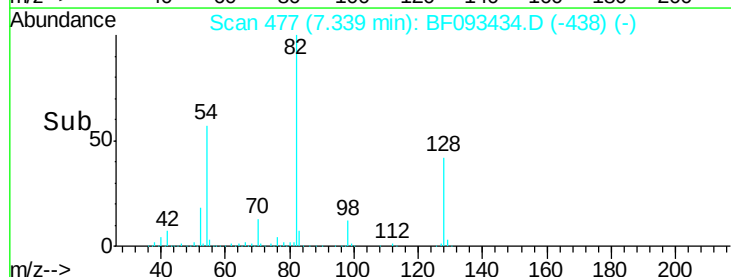
42 50.7 49.4 74.0

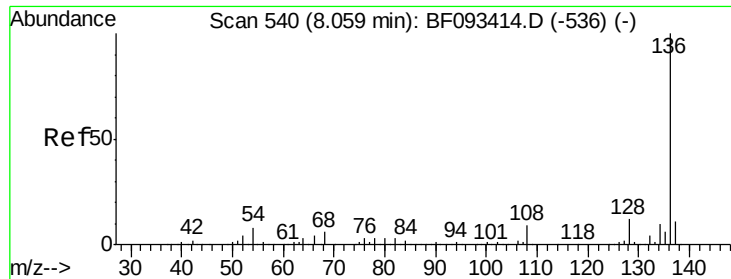
101 0.0 7.4 11.2#

130 2.1 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): E
Ion 130.00 (129.70 to 130.70): E

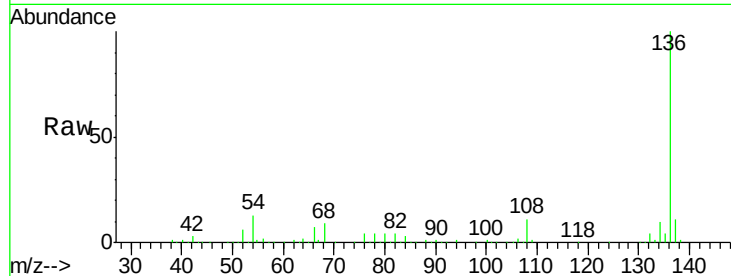




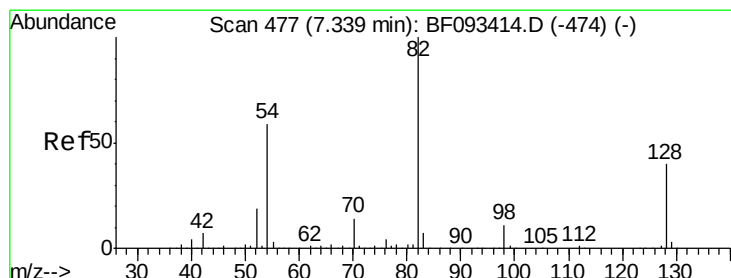
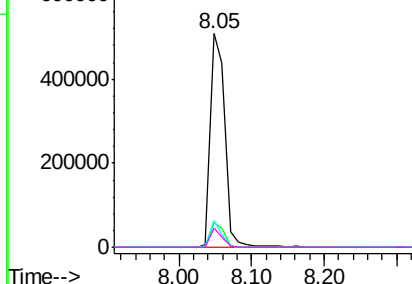
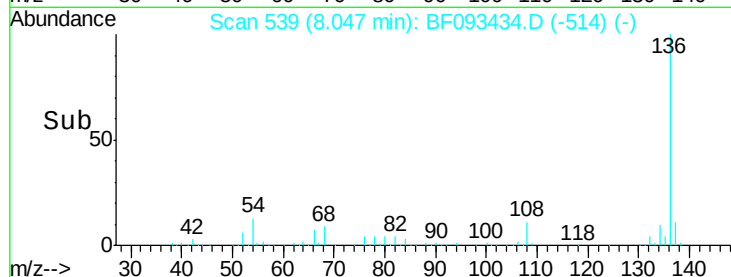
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Instrument :
BNA_F
ClientSampleId :
PB97426BL

Tot Ion:	136	Resp:	704657
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.8	4.5	6.7#
68	8.8	3.6	5.4#

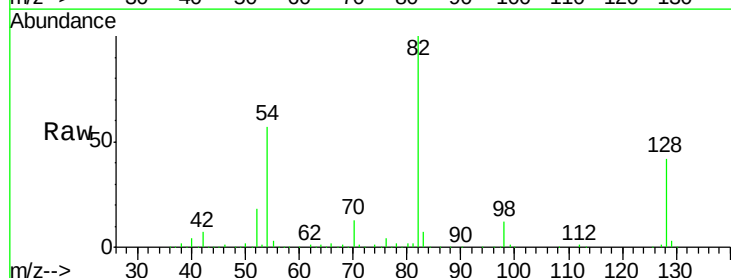


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

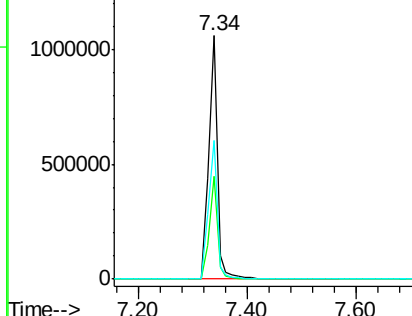
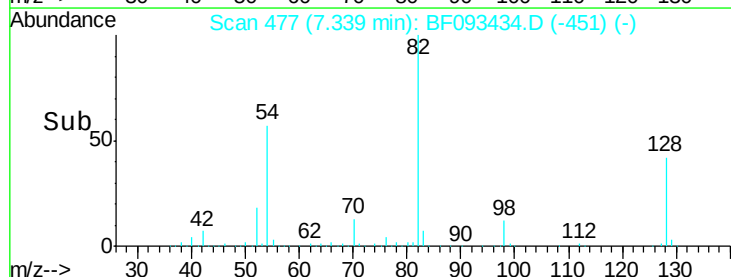


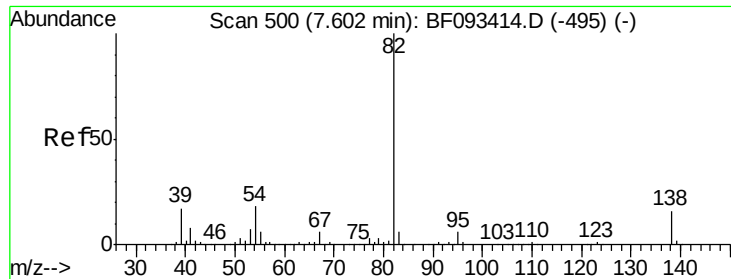
#23
Nitrobenzene-d5
Concen: 91.21 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Tgt Ion:	82	Resp:	1158363
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	57.1	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

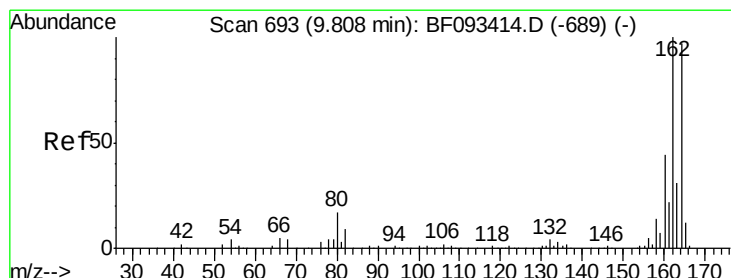
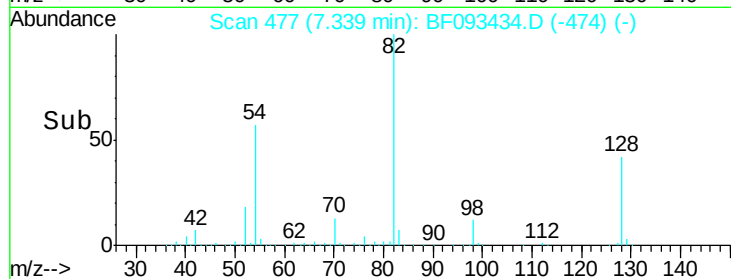
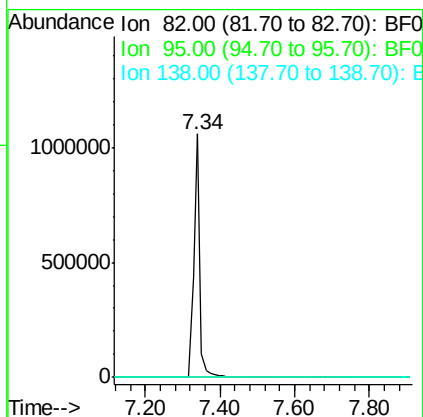
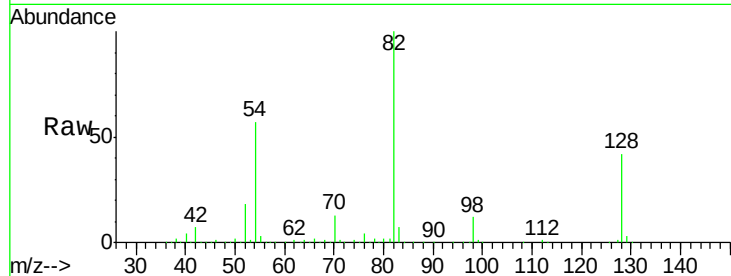




#25
Isophorone
Concen: 45.35 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

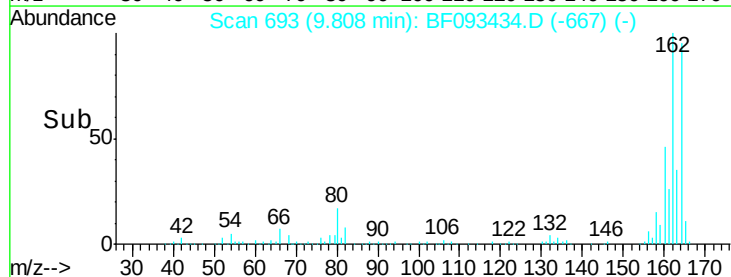
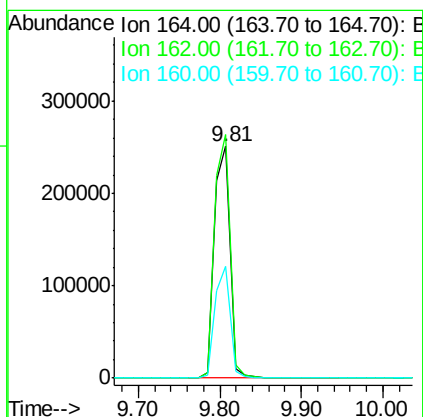
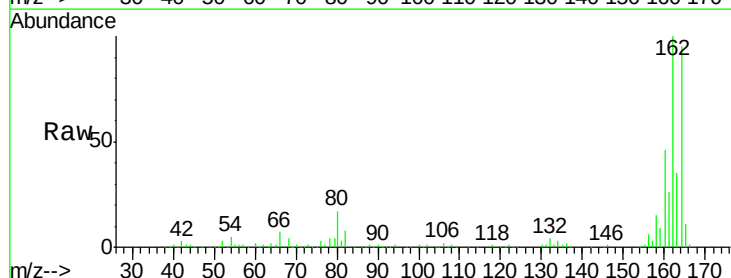
Instrument :
BNA_F
ClientSampleId :
PB97426BL

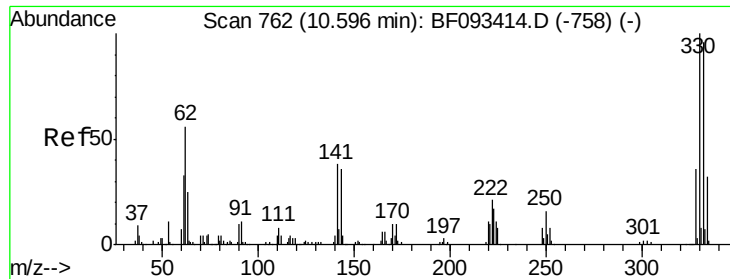
Tot Ion: 82 Resp: 1161465
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Tgt Ion:164 Resp: 335569
Ion Ratio Lower Upper
164 100
162 105.0 80.2 120.2
160 48.0 36.9 55.3

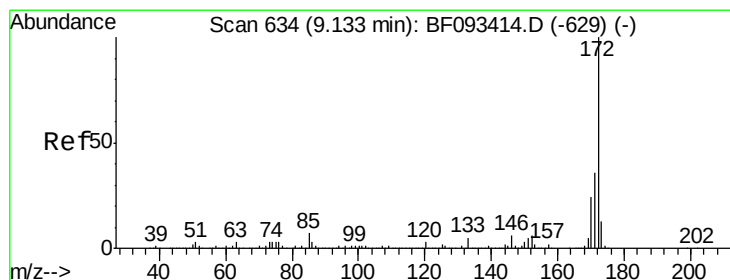
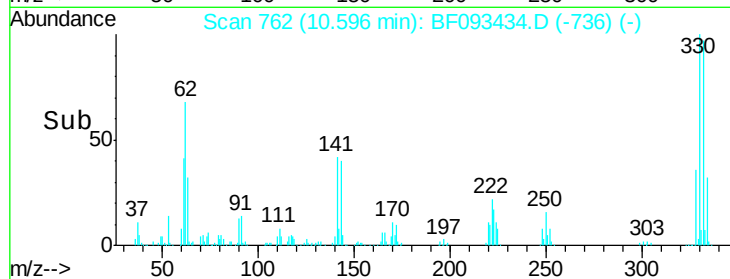
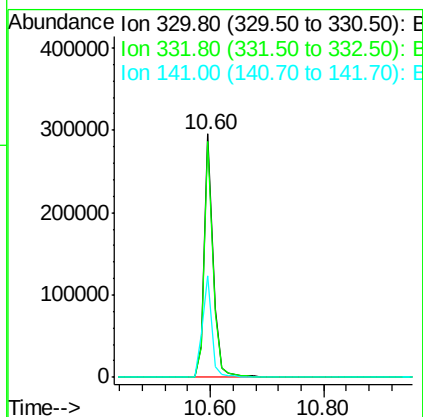
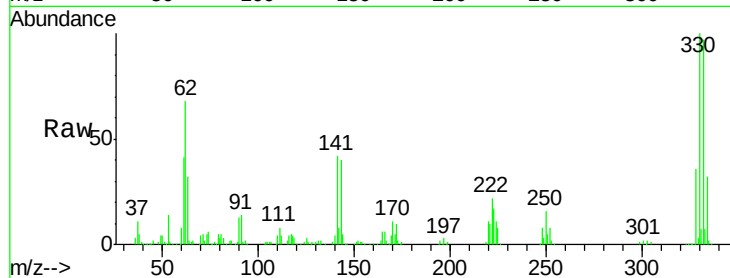




#41
 2,4,6-Tribromophenol
 Concen: 141.04 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

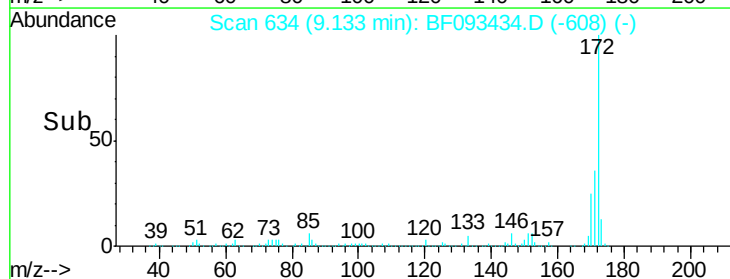
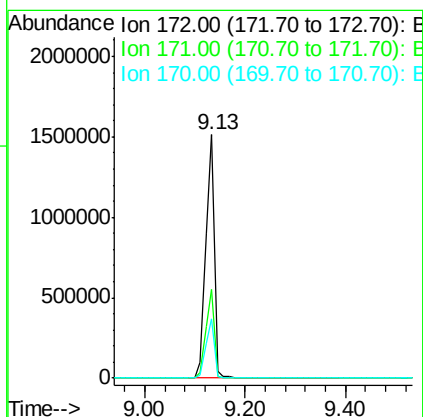
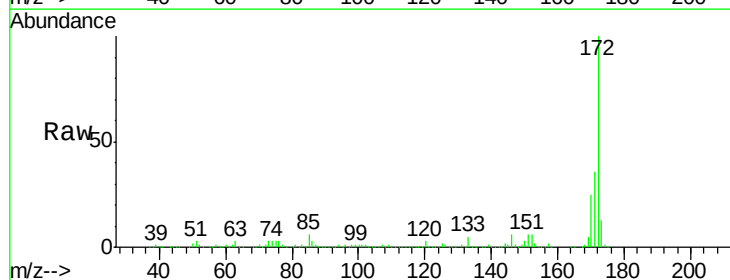
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

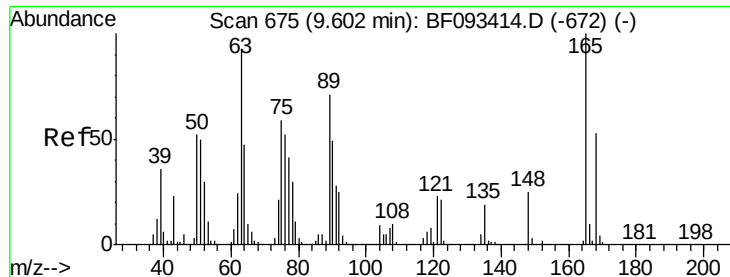
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	44.3	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 99.11 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4

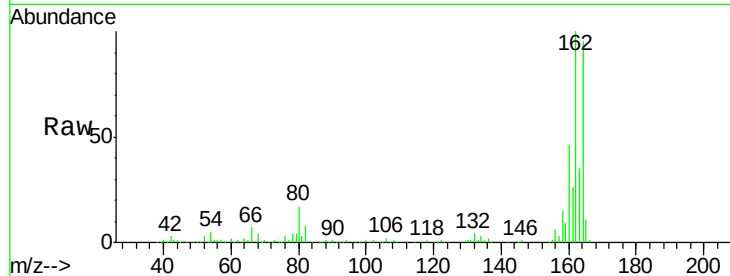




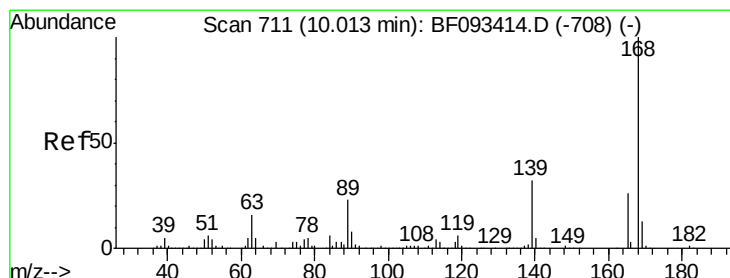
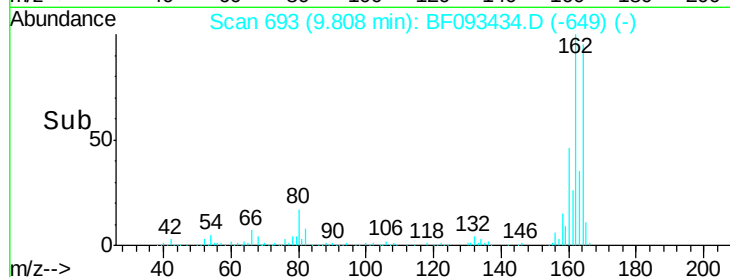
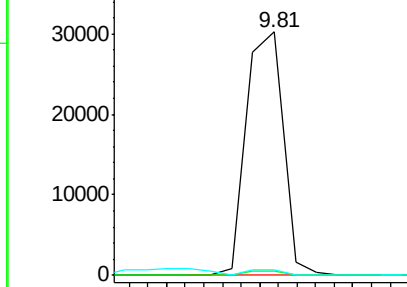
#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Tot Ion:165 Resp: 41686
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.2 54.4#
 89 2.1 40.2 60.4#

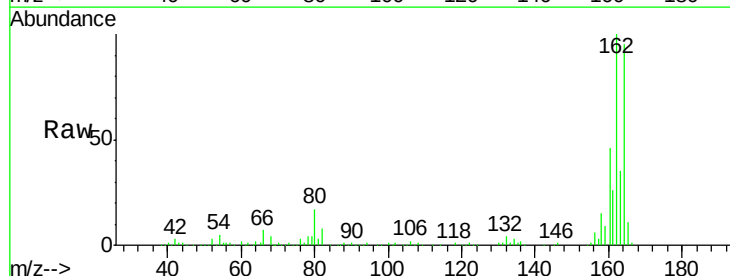


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

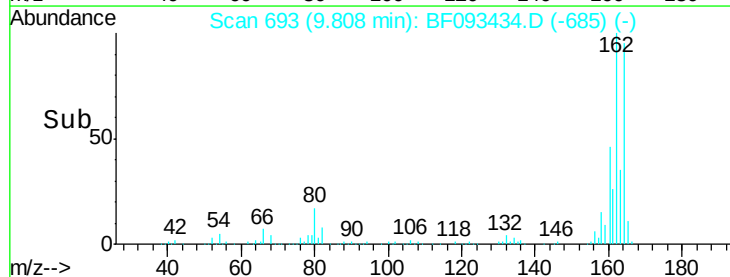
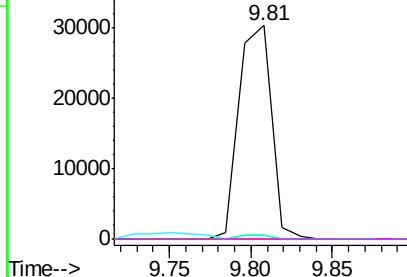


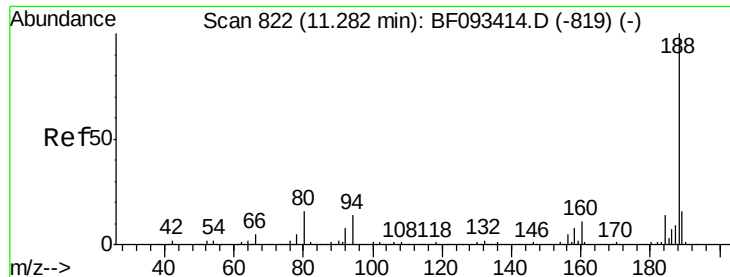
#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Tgt Ion:165 Resp: 41687
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.2 60.4#
 89 2.1 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

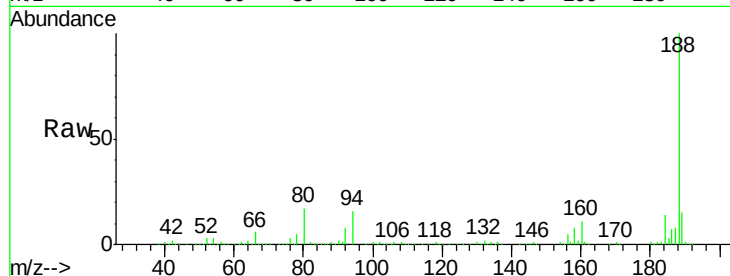




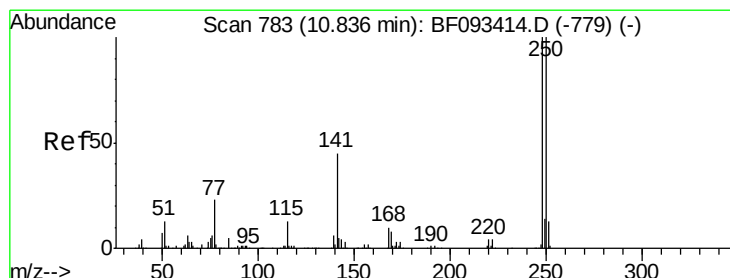
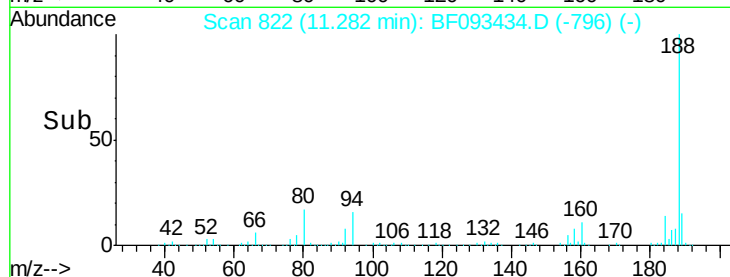
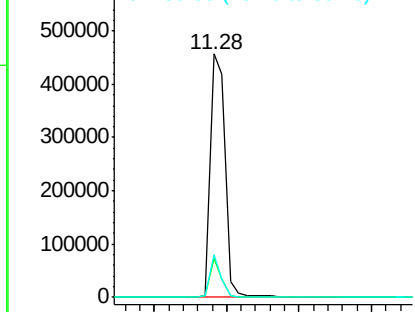
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Tot Ion:188 Resp: 641513
 Ion Ratio Lower Upper
 188 100
 94 15.9 10.0 15.0#
 80 17.4 11.2 16.8#

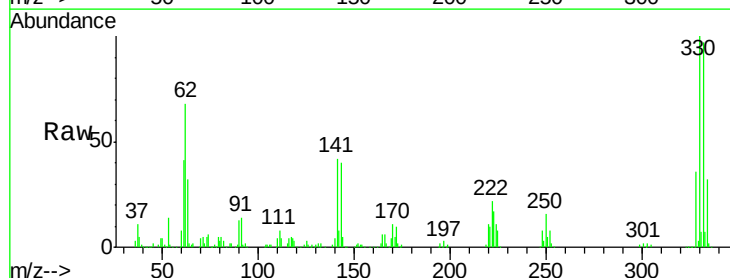


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

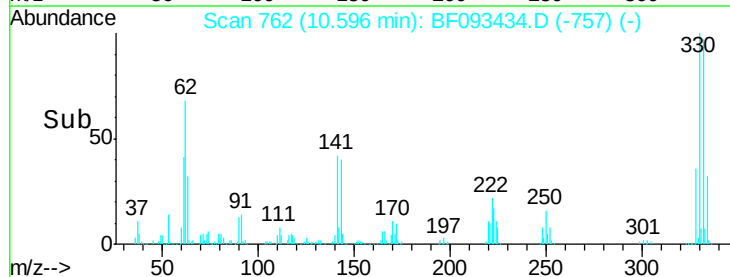
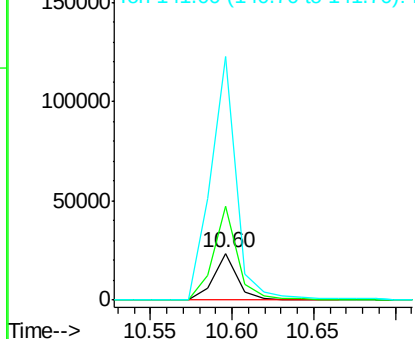


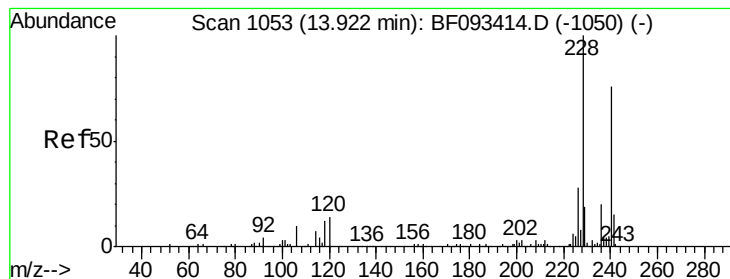
#66
 4-Bromophenyl-phenylether
 Concen: 3.54 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Tgt Ion:248 Resp: 24032
 Ion Ratio Lower Upper
 248 100
 250 202.4 76.9 115.3#
 141 522.7 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: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

Instrument :

BNA_F

ClientSampleId :

PB97426BL

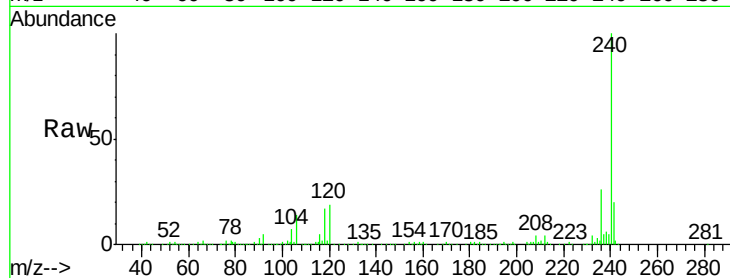
Tot Ion:240 Resp: 604844

Ion Ratio Lower Upper

240 100

120 19.1 12.9 19.3

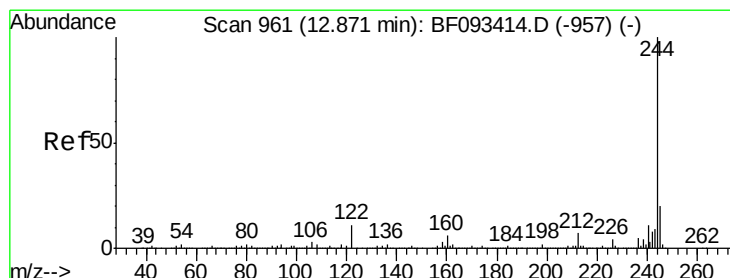
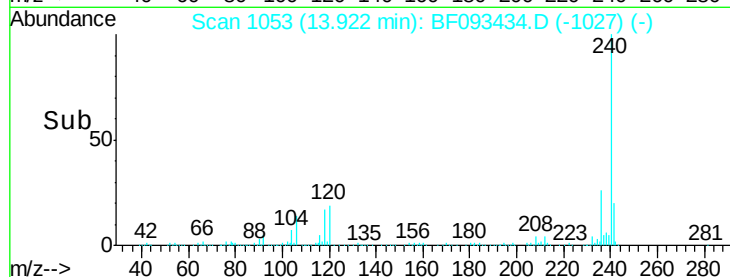
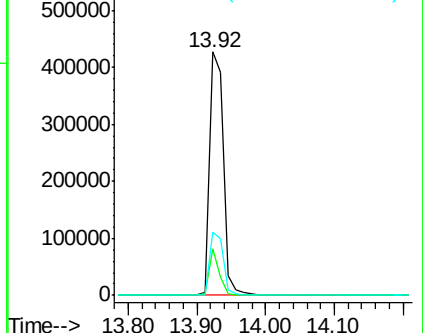
236 26.1 20.9 31.3



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: 66.27 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

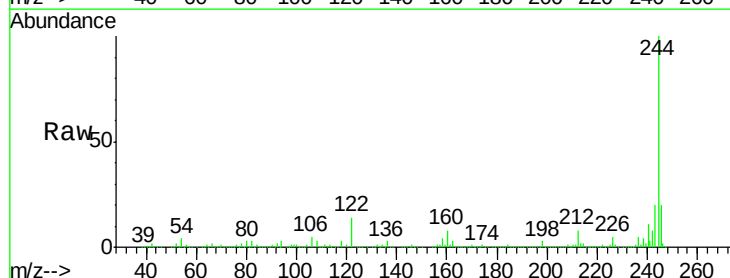
Tgt Ion:244 Resp: 1541645

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

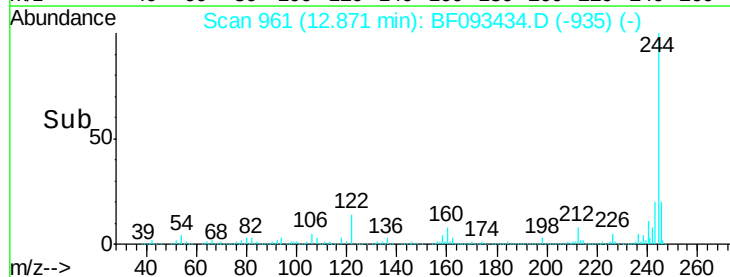
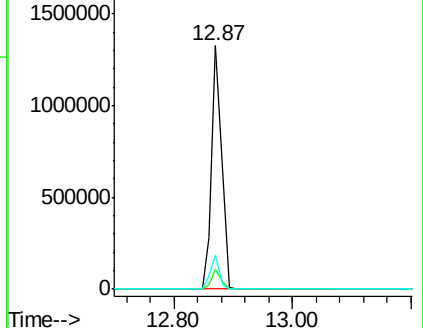
122 14.0 11.4 17.2

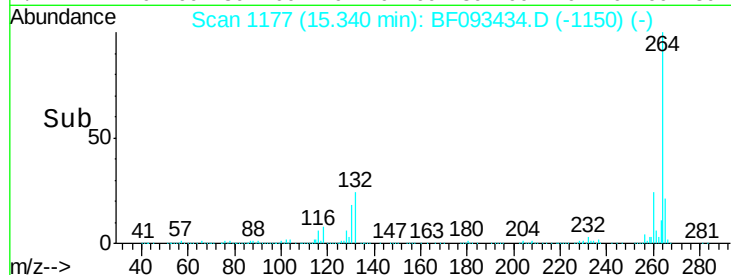
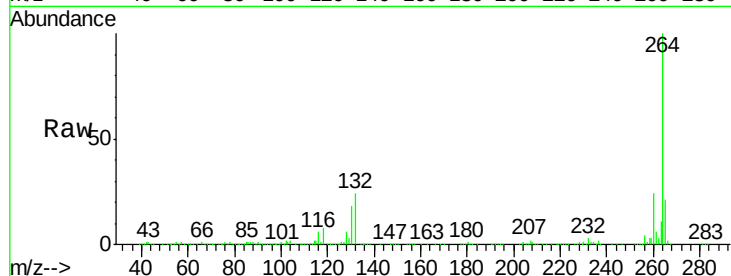
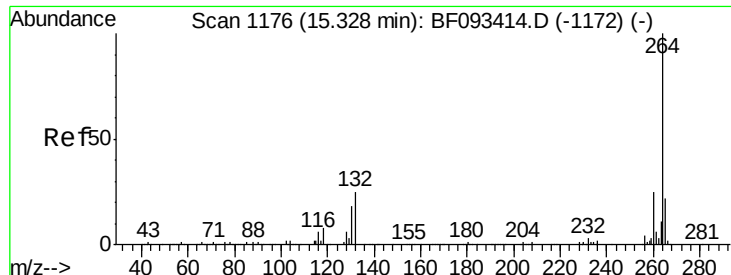


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF093434.D
 Acq: 8 Mar 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Tot Ion:	264	Resp:	501981
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.4	26.0

