

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094544.D
 Acq On : 20 Apr 2017 15:00
 Operator : SJ/MA
 Sample : I2744-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:28:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

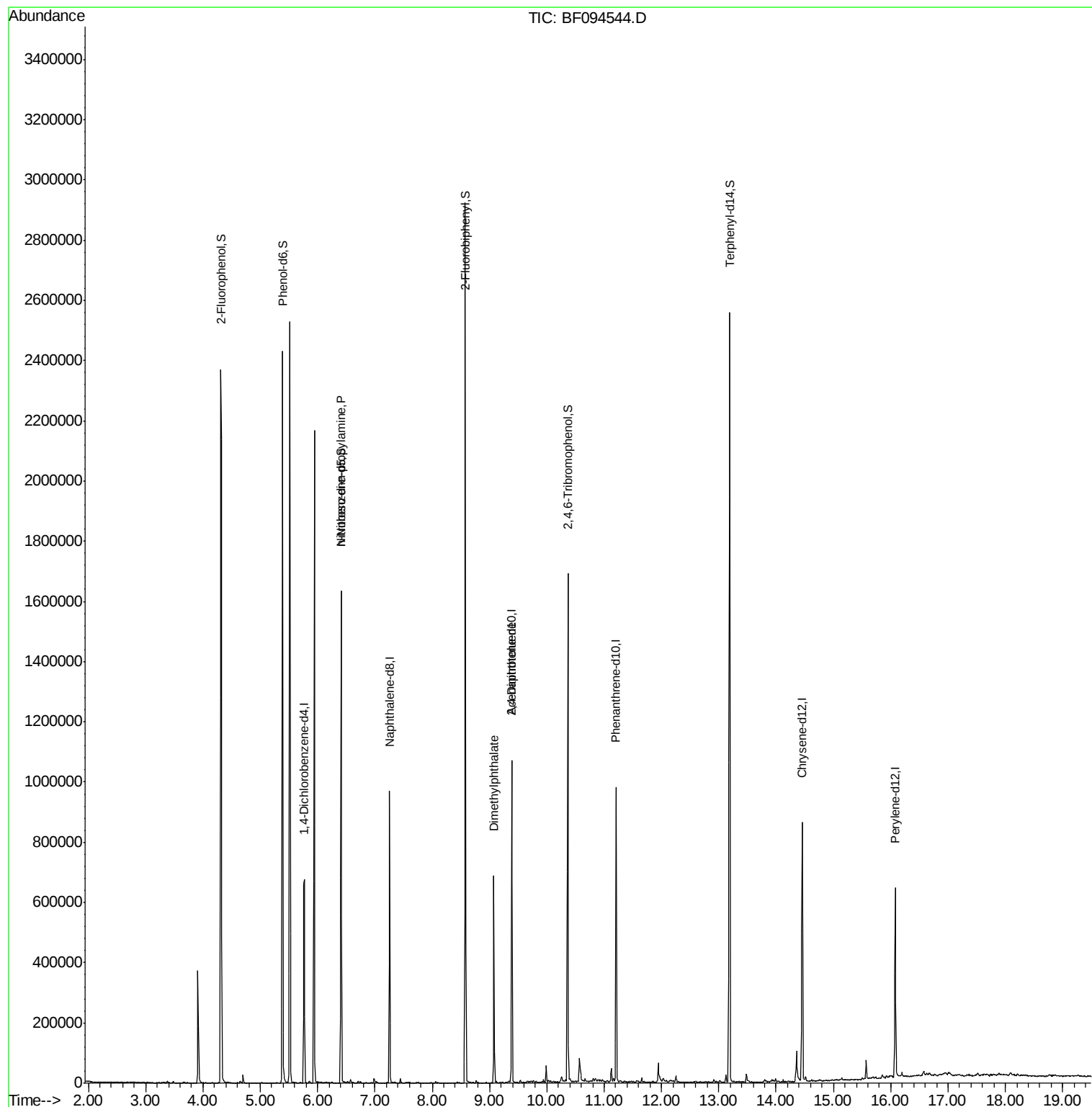
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113596	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	453777	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	221194	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	403332	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	347110	20.00	ng	-0.01
86) Perylene-d12	16.08	264	254122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	730672	106.71	ng	0.00
7) Phenol-d6	5.39	99	913151	113.13	ng	0.00
23) Nitrobenzene-d5	6.41	82	548941	74.70	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	207478	119.92	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1033977	68.78	ng	0.00
78) Terphenyl-d14	13.19	244	936708	72.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	71288	13.33	ng	# 77
49) Dimethylphthalate	9.08	163	299367	18.16	ng	99
56) 2,4-Dinitrotoluene	9.39	165	28507	6.28	ng	# 33

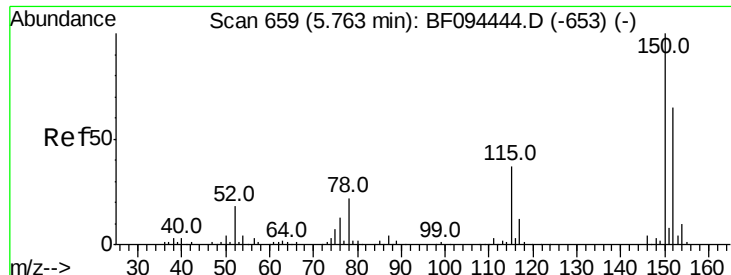
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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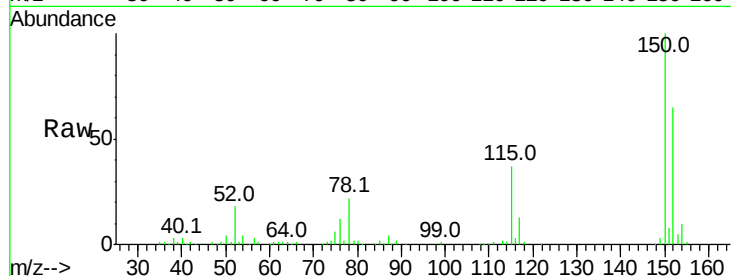


#1

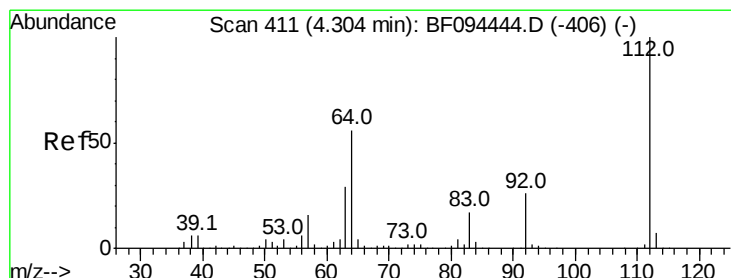
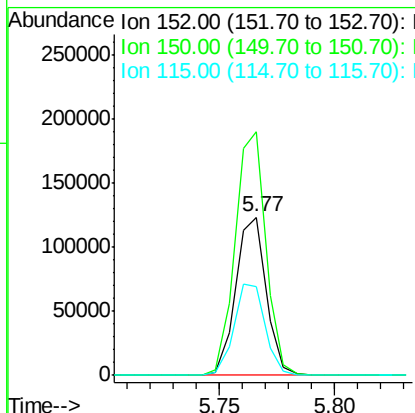
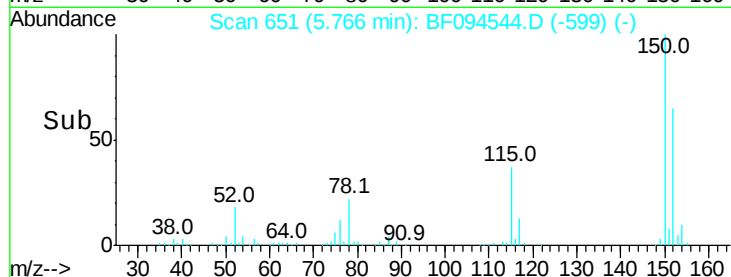
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094544.D
Acq: 20 Apr 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113596
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 56.3 52.2 78.2



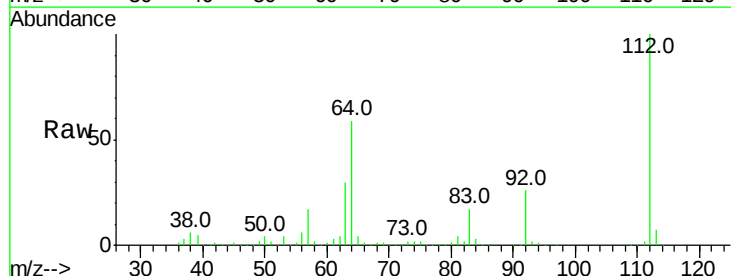
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



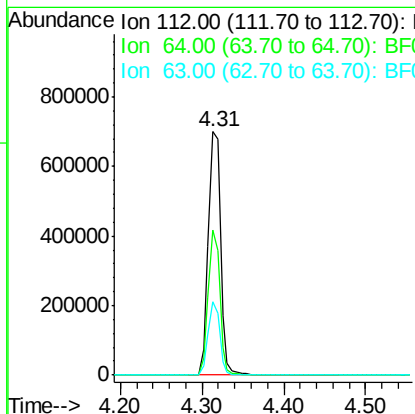
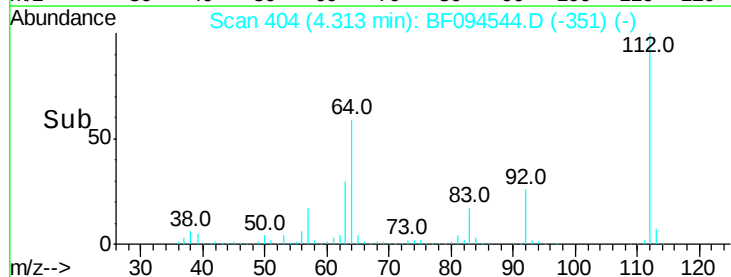
#5

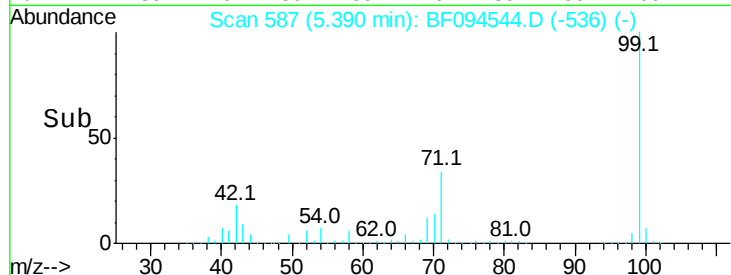
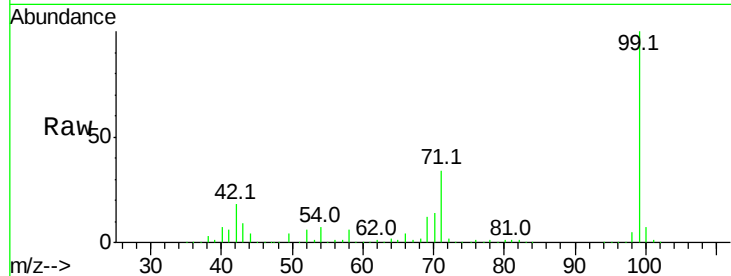
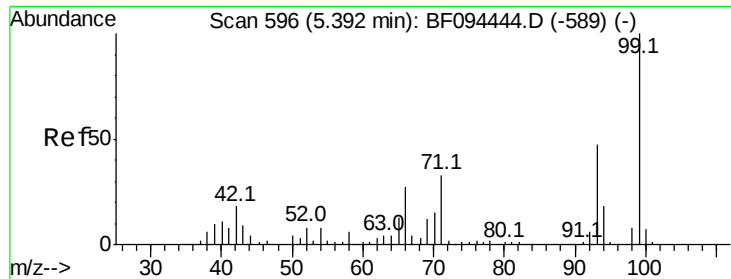
2-Fluorophenol
Concen: 106.71 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094544.D
Acq: 20 Apr 2017 15:00

Tgt Ion:112 Resp: 730672
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 30.1 23.4 35.0



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: 113.13 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

Instrument :

BNA_F

ClientSampled :

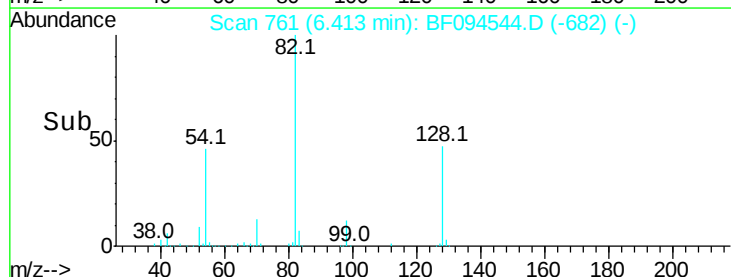
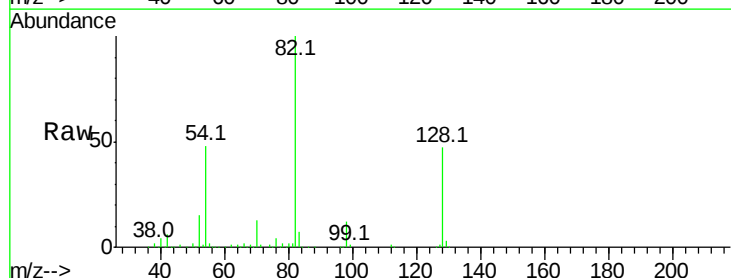
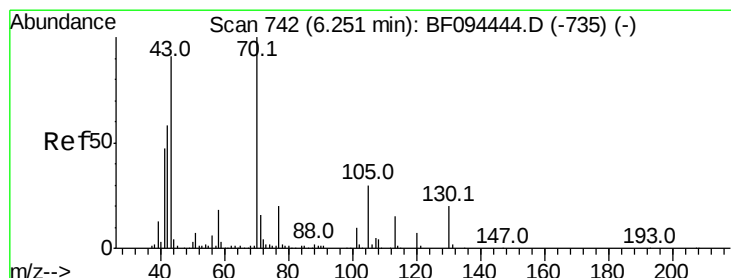
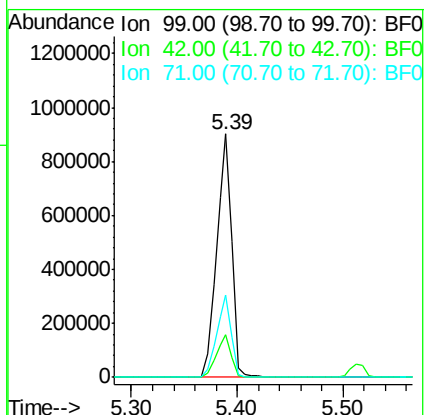
Tot Ion: 99 Resp: 913151

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 33.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.33 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

Tgt Ion: 70 Resp: 71288

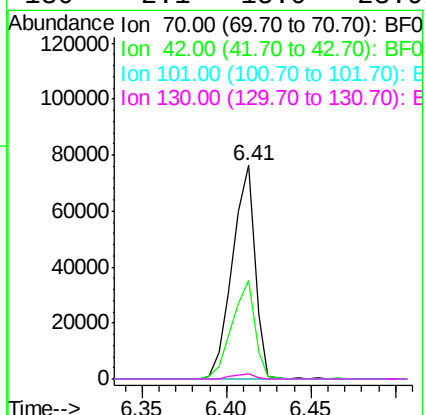
Ion Ratio Lower Upper

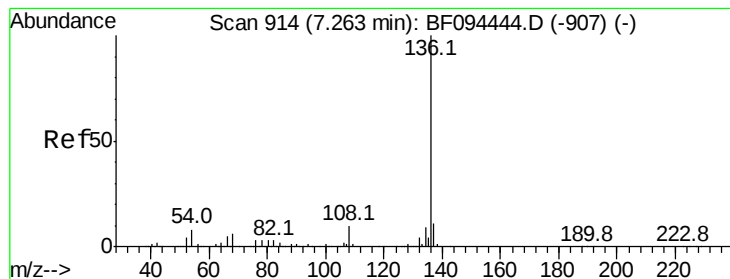
70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 453777

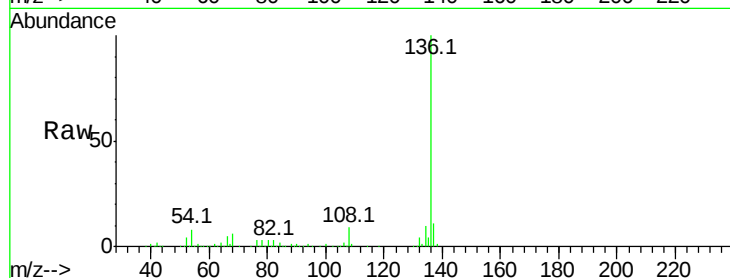
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 6.0 4.1 6.1

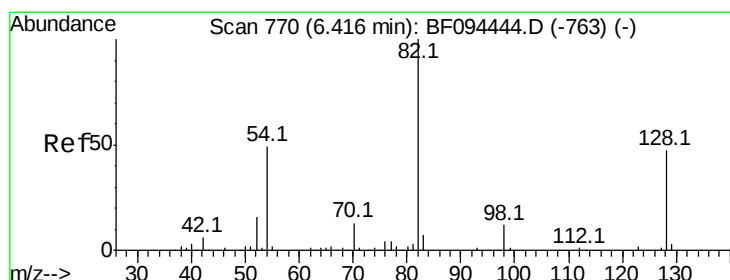
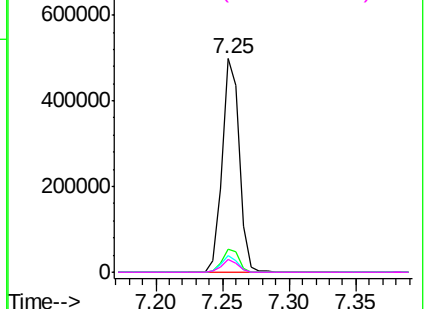
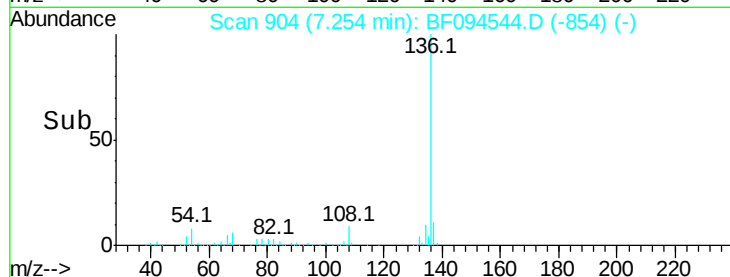


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.70 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

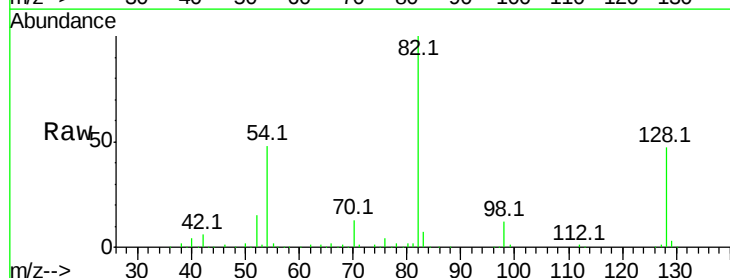
Tgt Ion: 82 Resp: 548941

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

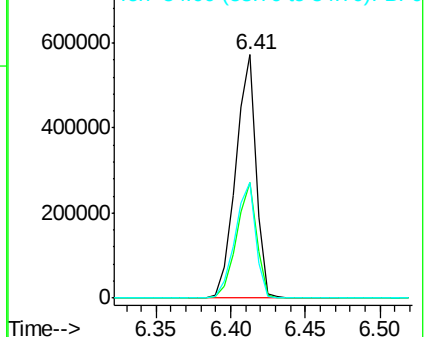
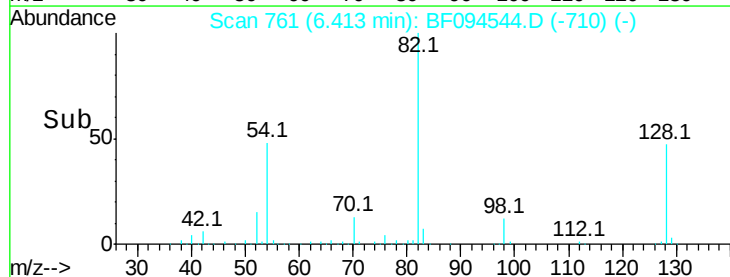
54 47.6 42.2 63.2

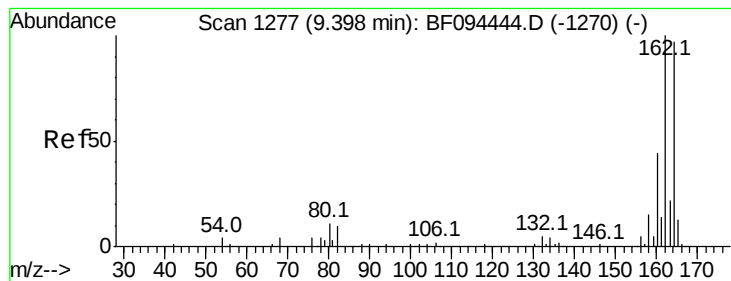


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

Instrument :

BNA_F

ClientSampleId :

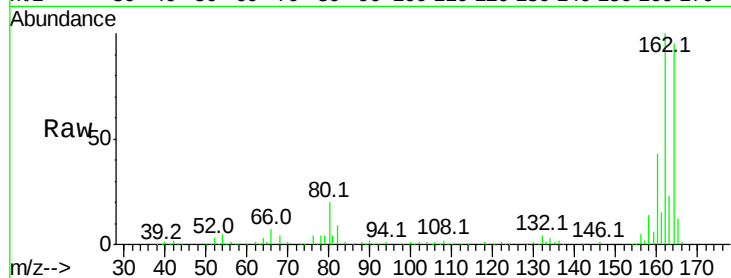
Tot Ion:164 Resp: 221194

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

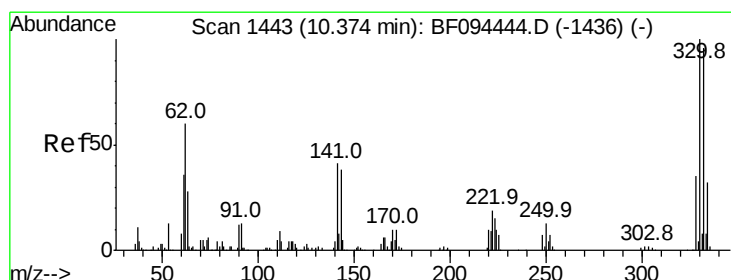
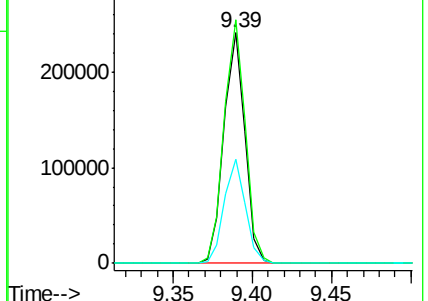
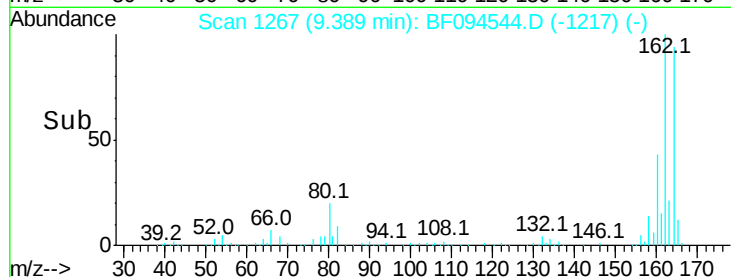
160 44.9 36.2 54.2



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: 119.92 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

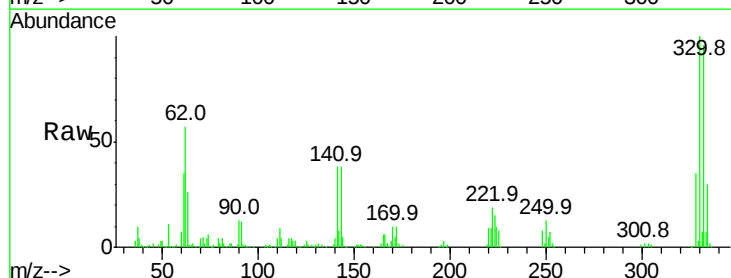
Tgt Ion:330 Resp: 207478

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

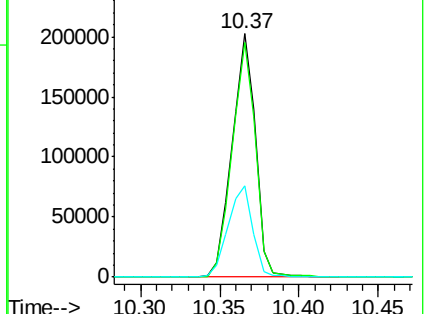
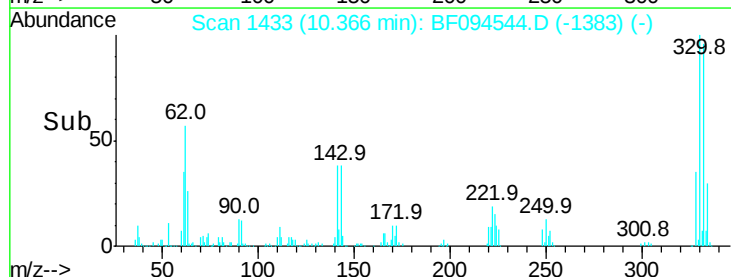
141 39.5 31.4 47.2

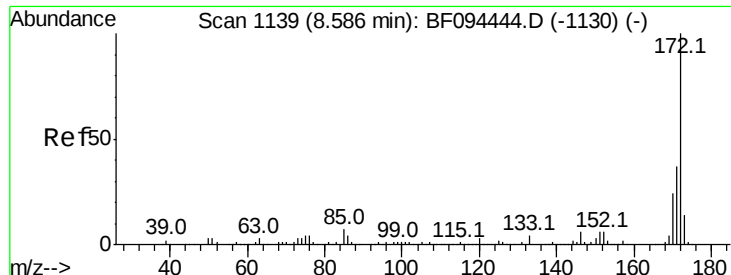


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

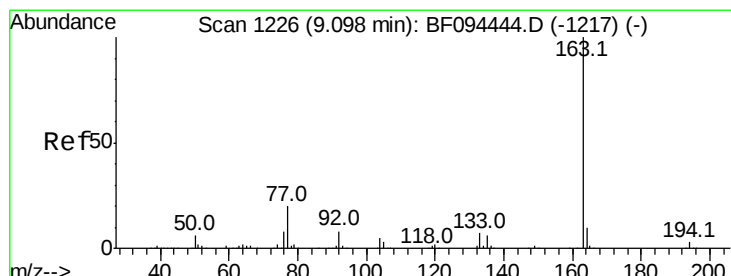
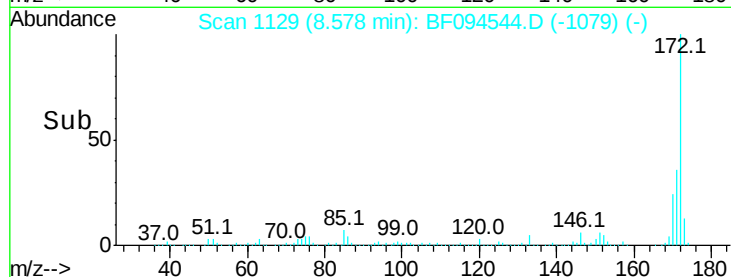
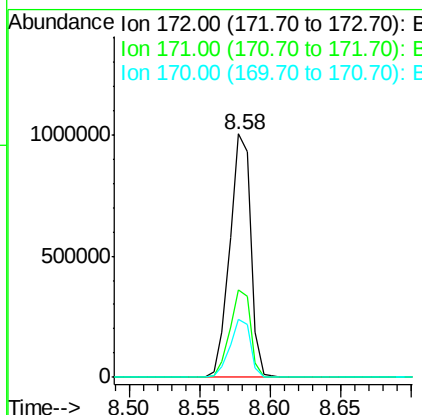
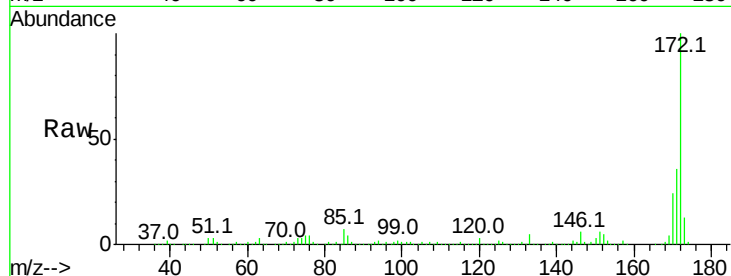




#44
2-Fluorobiphenyl
Concen: 68.78 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094544.D
Acq: 20 Apr 2017 15:00

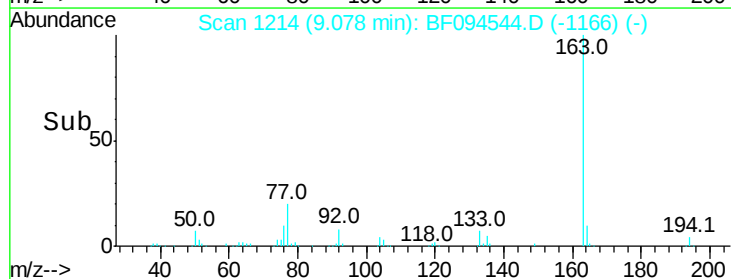
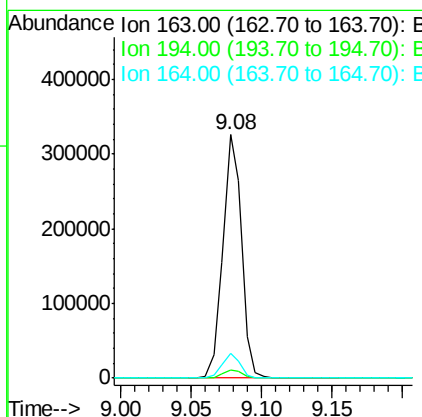
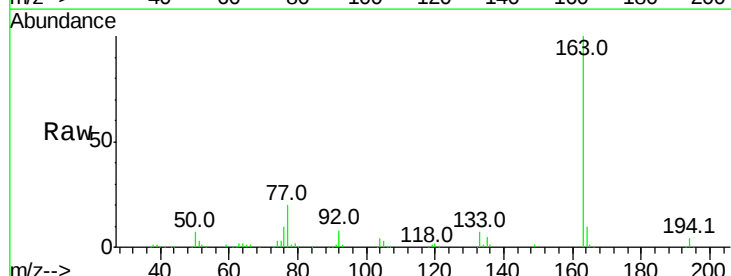
Instrument :
BNA_F
ClientSampled :

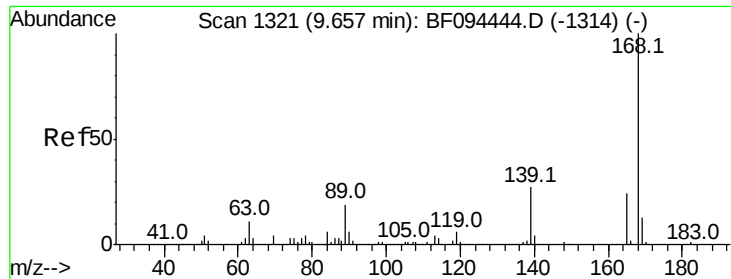
Tot Ion:172 Resp: 1033977
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 18.16 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094544.D
Acq: 20 Apr 2017 15:00

Tgt Ion:163 Resp: 299367
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

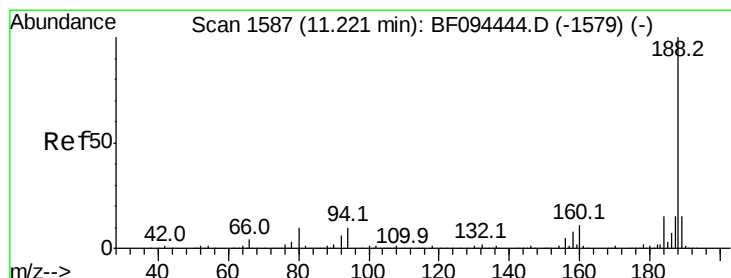
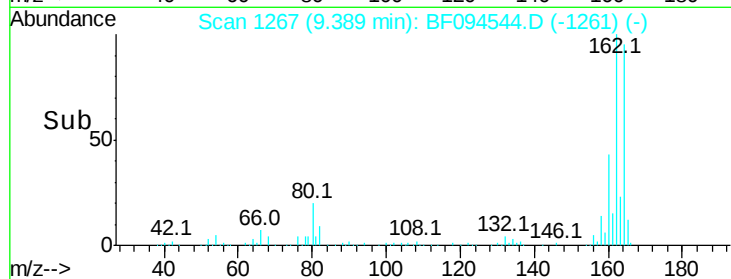
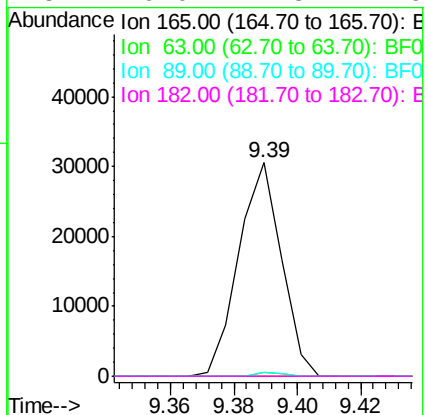
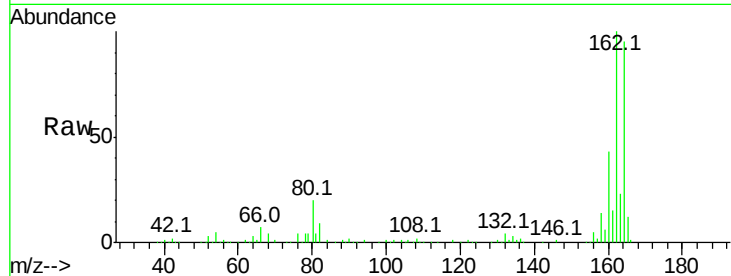




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094544.D
 Acq: 20 Apr 2017 15:00

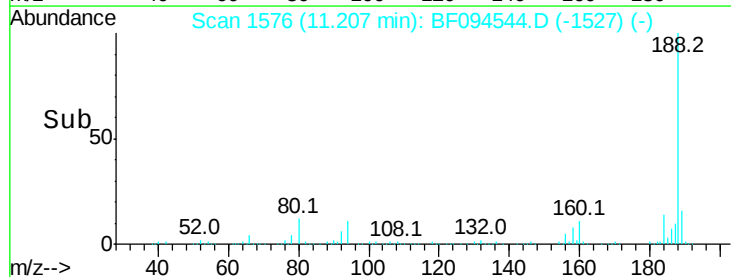
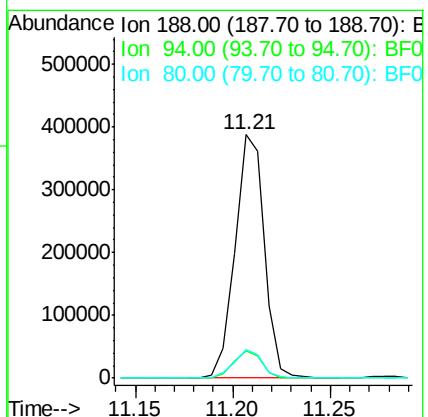
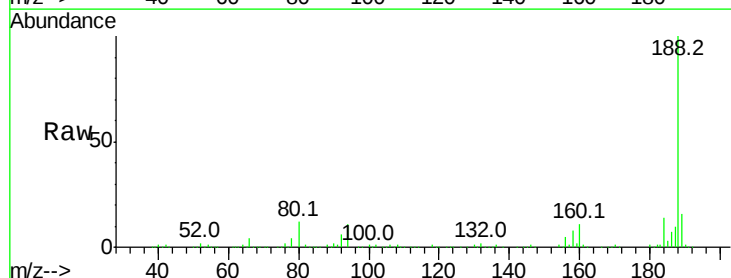
Instrument :
 BNA_F
 ClientSampleId :

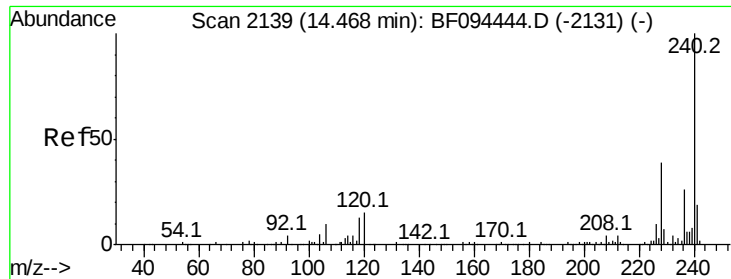
Tot Ion:165 Resp: 28507
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094544.D
 Acq: 20 Apr 2017 15:00

Tgt Ion:188 Resp: 403332
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 11.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

Instrument :

BNA_F

ClientSampleId :

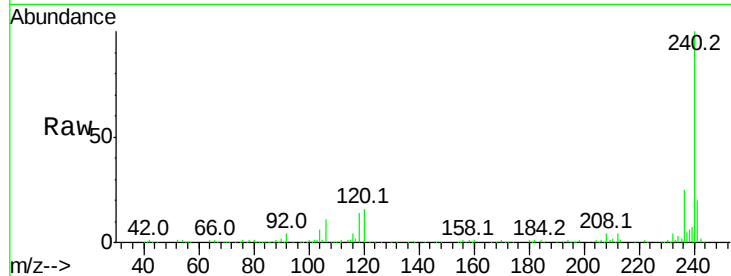
Tot Ion:240 Resp: 347110

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

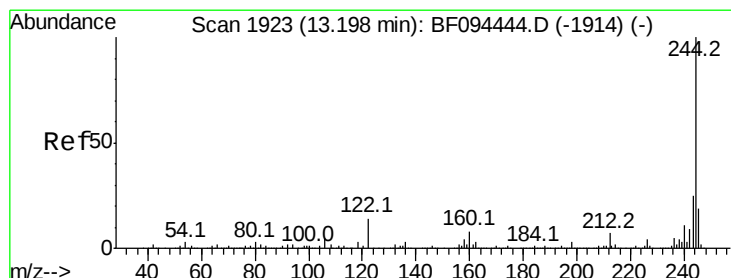
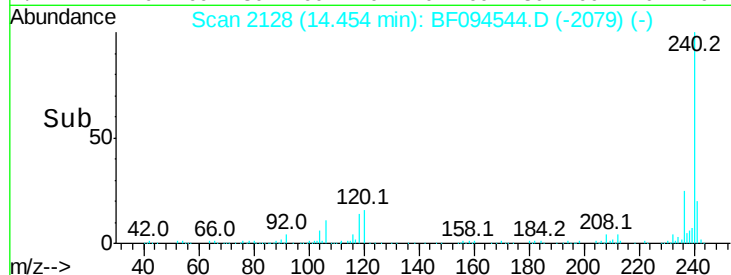
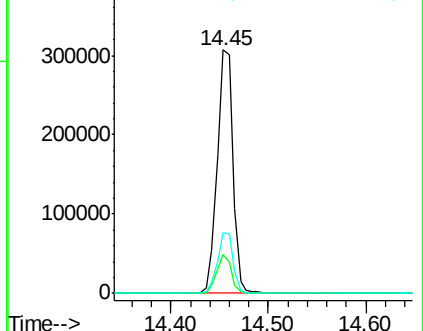
236 24.8 20.5 30.7



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: 72.13 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094544.D

Acq: 20 Apr 2017 15:00

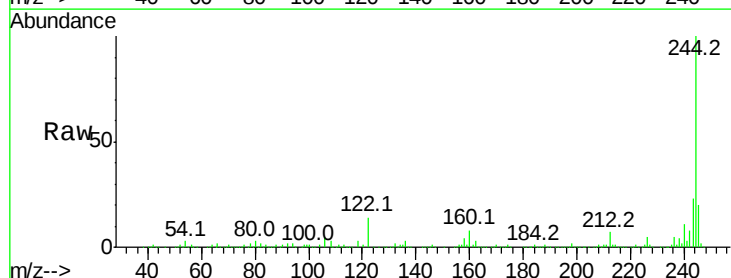
Tgt Ion:244 Resp: 936708

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

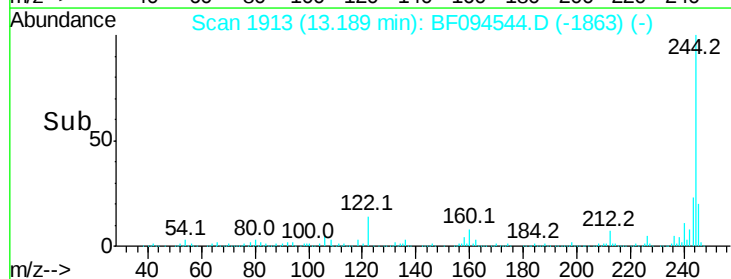
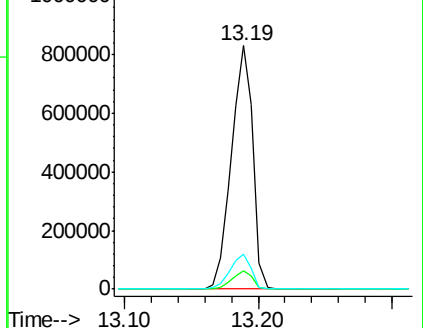
122 14.1 10.3 15.5

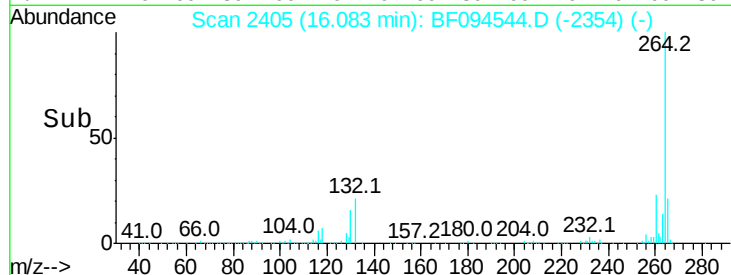
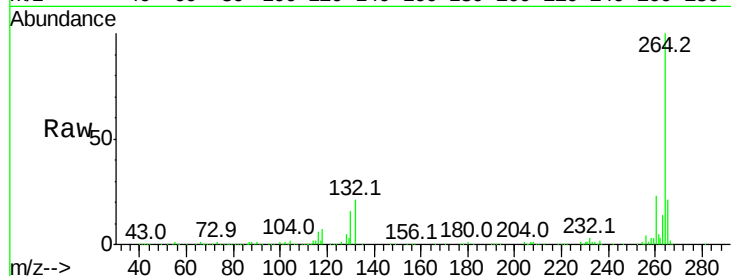
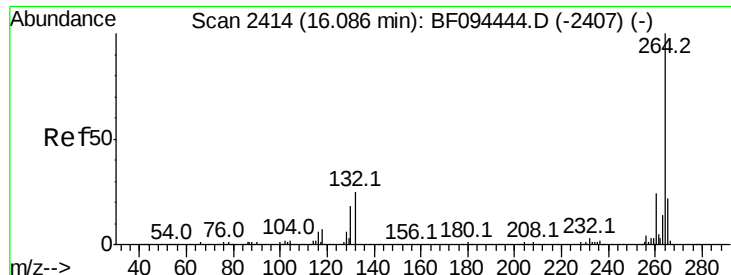


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094544.D
 Acq: 20 Apr 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	254122
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.0	17.2	25.8

