

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094711.D
 Acq On : 30 Apr 2017 13:43
 Operator : SJ/MA
 Sample : PB98571TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:18:38 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

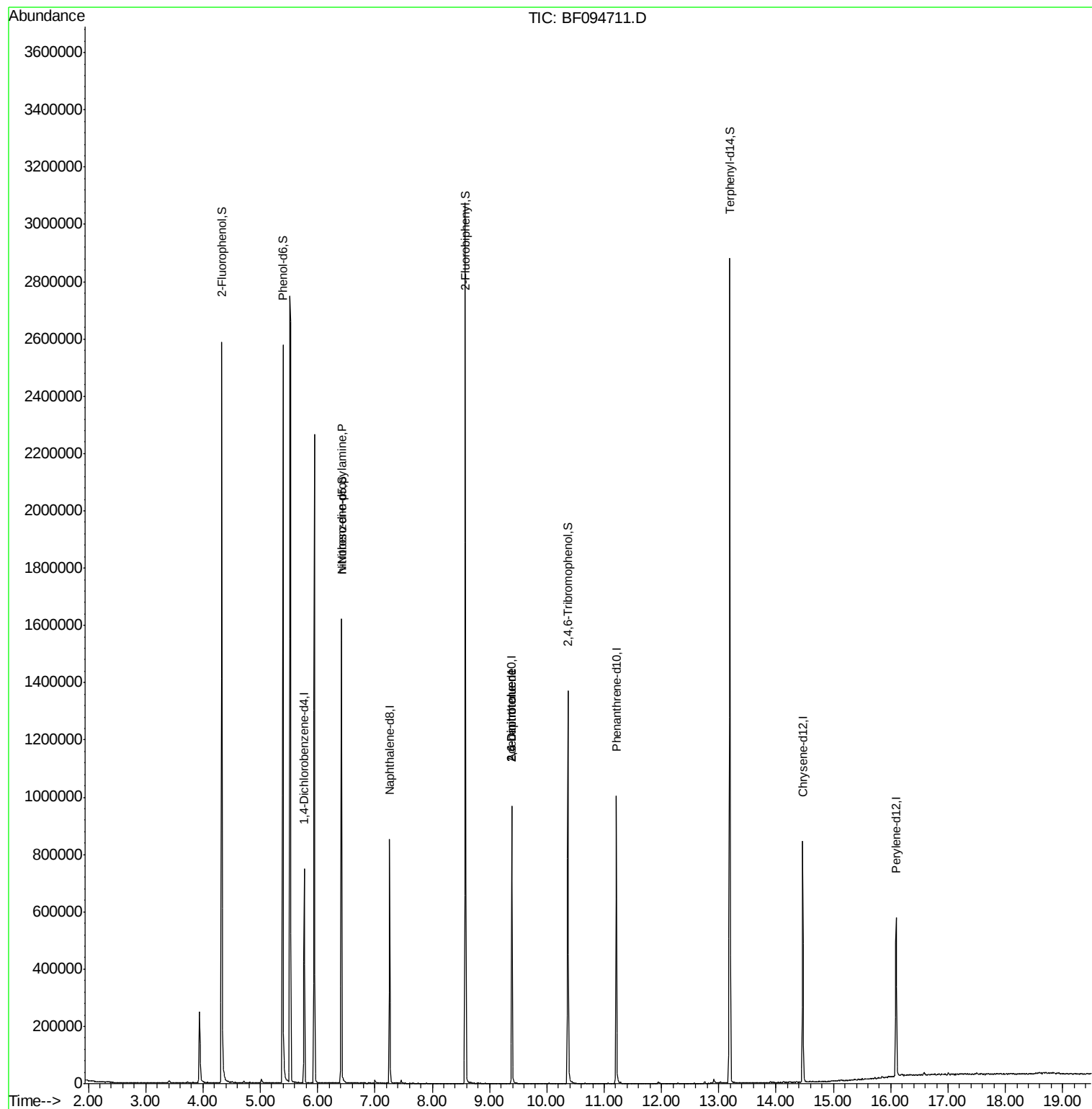
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111464	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	444334	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	211926	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	397090	20.00	ng	0.00
75) Chrysene-d12	14.47	240	330228	20.00	ng	0.00
86) Perylene-d12	16.09	264	221449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	842046	125.33	ng	0.02
7) Phenol-d6	5.40	99	1025363	129.46	ng	0.00
23) Nitrobenzene-d5	6.42	82	609734	84.73	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	189909	114.57	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1193630	82.87	ng	0.00
78) Terphenyl-d14	13.19	244	1152444	93.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	81676	15.56	ng	# 74
50) 2,6-Dinitrotoluene	9.39	165	26959	7.60	ng	# 32
56) 2,4-Dinitrotoluene	9.39	165	26966	6.20	ng	# 32

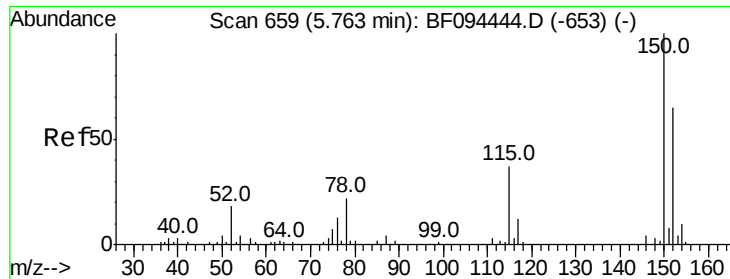
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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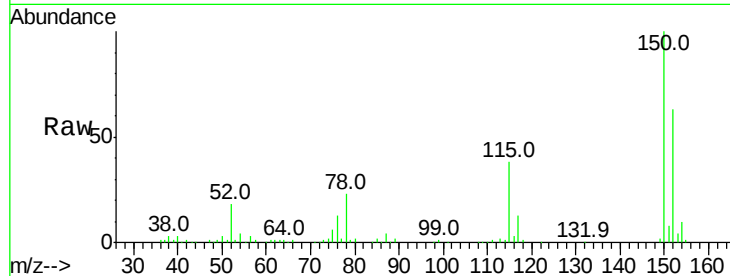


#1

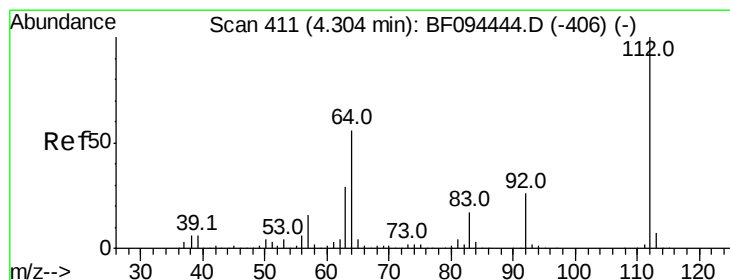
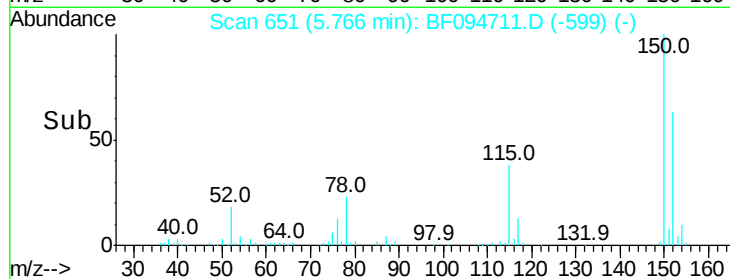
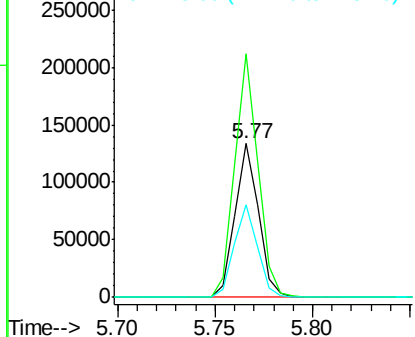
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111464
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 60.4 52.2 78.2



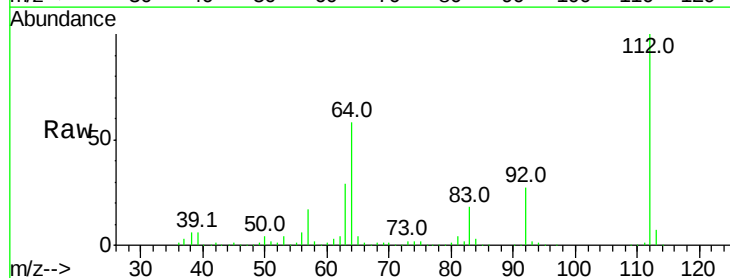
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



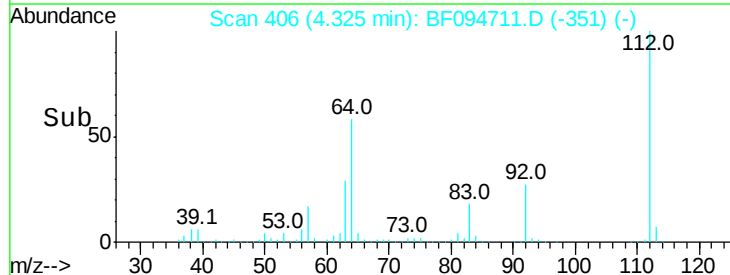
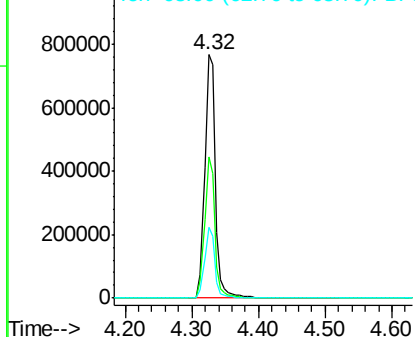
#5

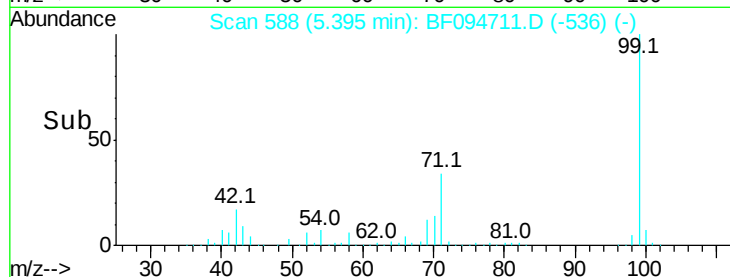
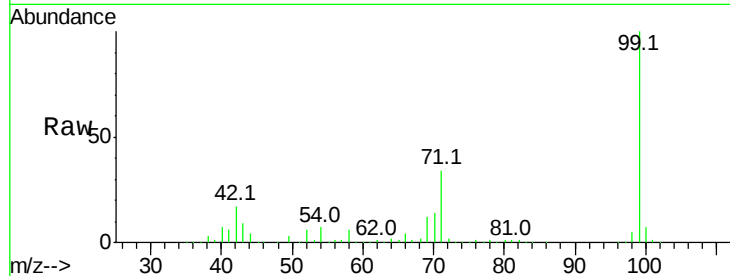
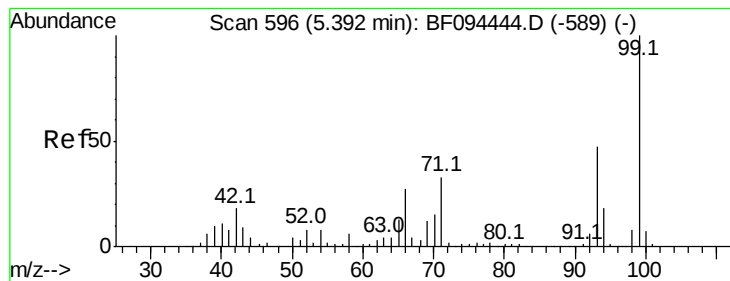
2-Fluorophenol
Concen: 125.33 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:112 Resp: 842046
Ion Ratio Lower Upper
112 100
64 58.2 46.0 69.0
63 29.1 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: 129.46 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094711.D

Acq: 30 Apr 2017 13:43

Instrument :

BNA_F

ClientSampleId :

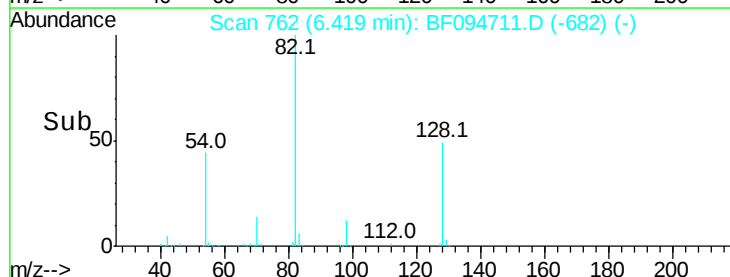
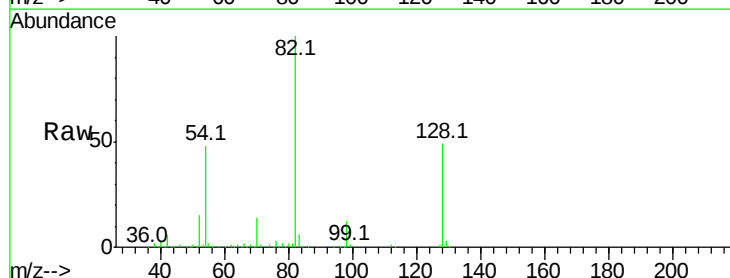
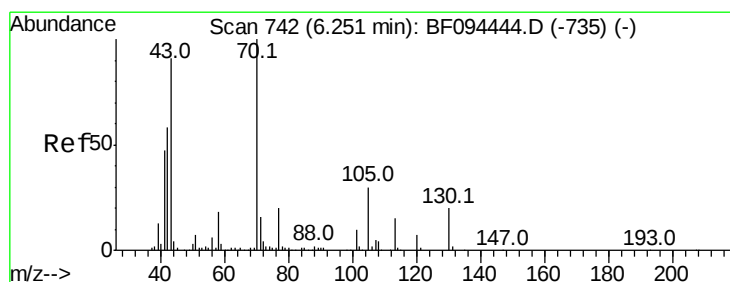
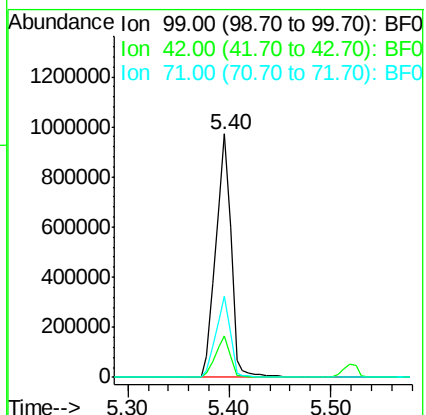
Tot Ion: 99 Resp: 1025363

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 33.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.56 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094711.D

Acq: 30 Apr 2017 13:43

Tgt Ion: 70 Resp: 81676

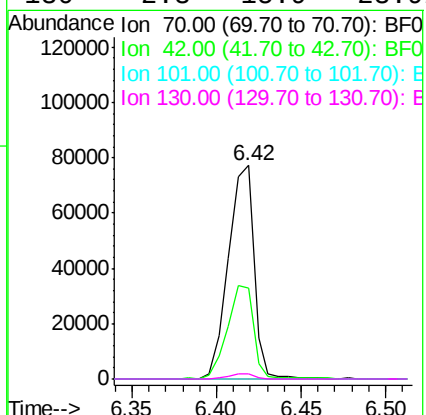
Ion Ratio Lower Upper

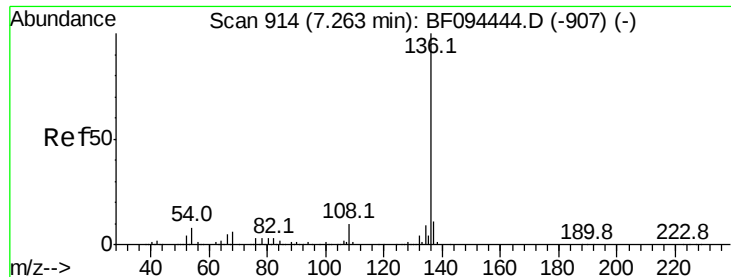
70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094711.D

Acq: 30 Apr 2017 13:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444334

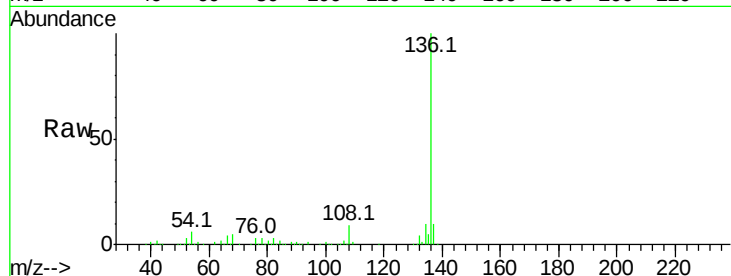
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.3 4.1 6.1

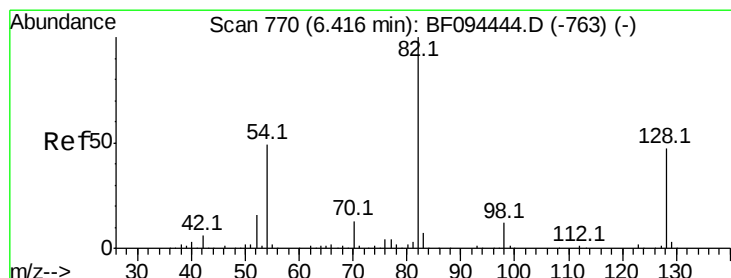
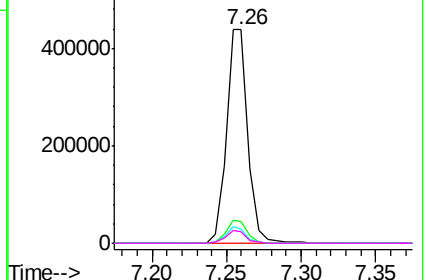
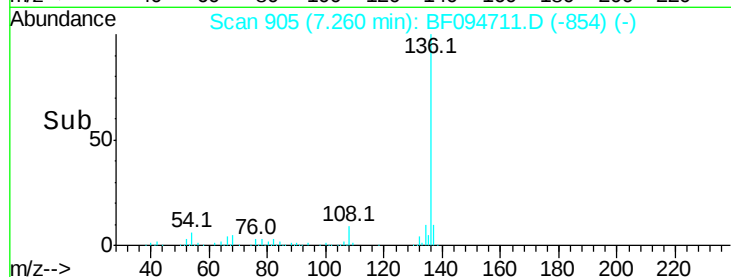


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.73 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094711.D

Acq: 30 Apr 2017 13:43

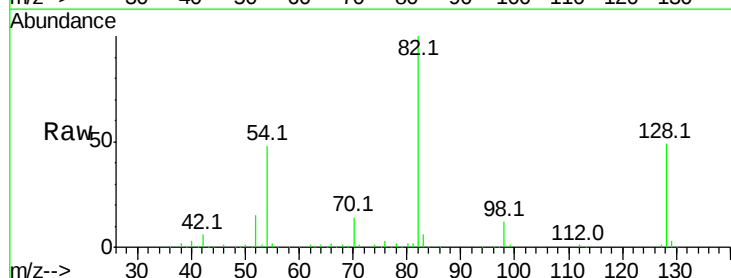
Tgt Ion: 82 Resp: 609734

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

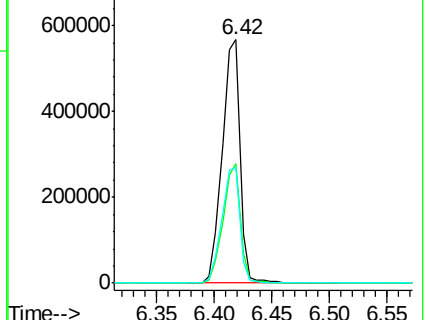
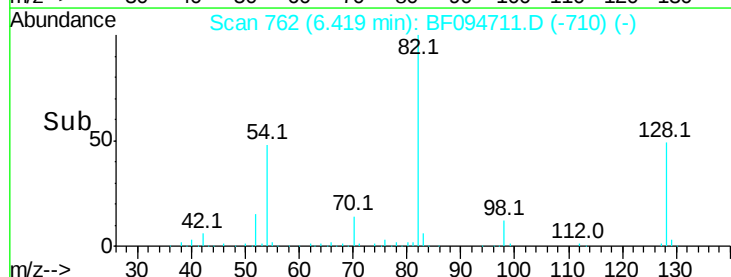
54 47.5 42.2 63.2

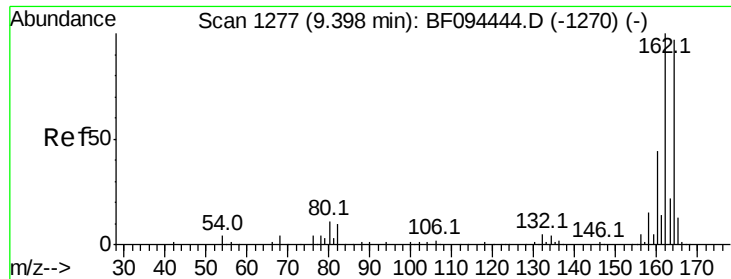


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

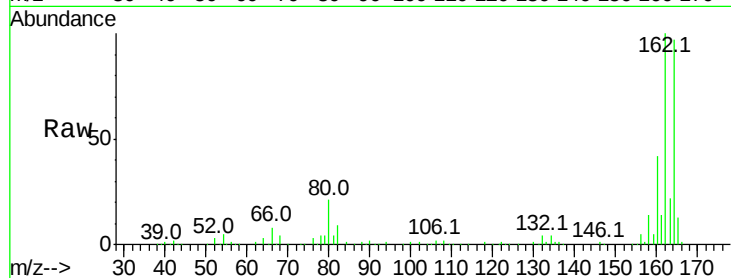




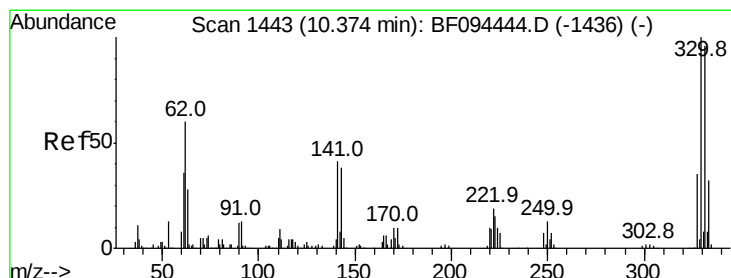
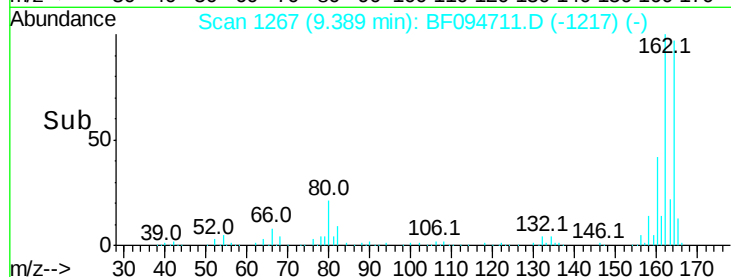
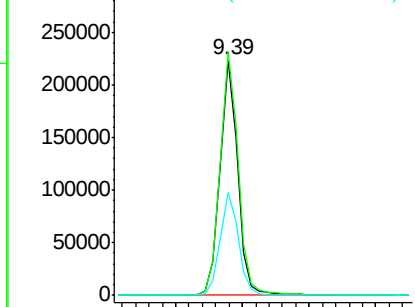
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 211926
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 43.8 36.2 54.2

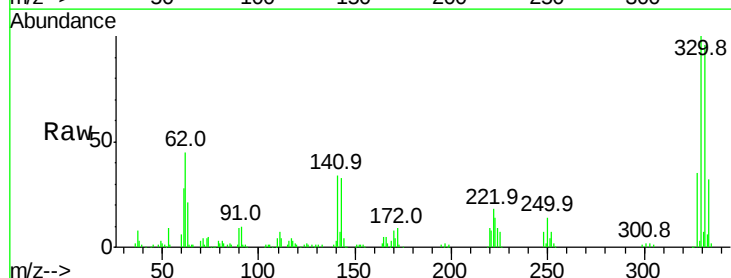


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

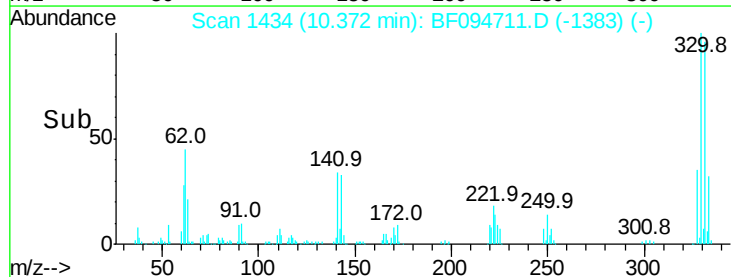
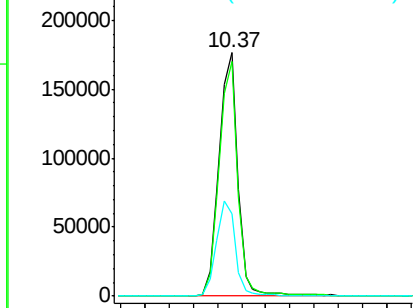


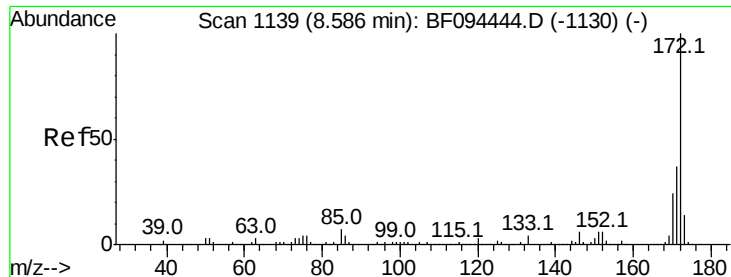
#41
2,4,6-Tribromophenol
Concen: 114.57 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:330 Resp: 189909
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 39.3 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

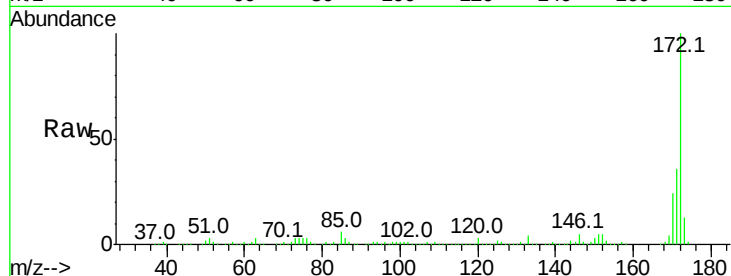




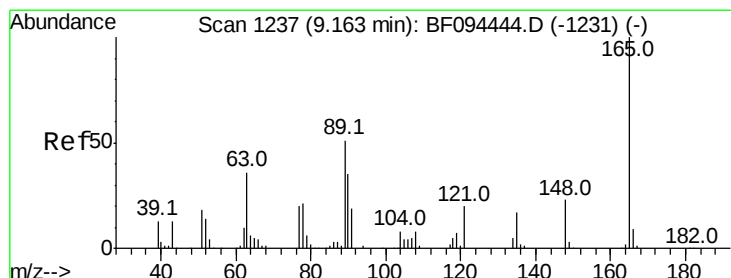
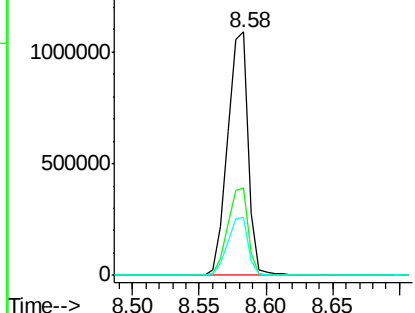
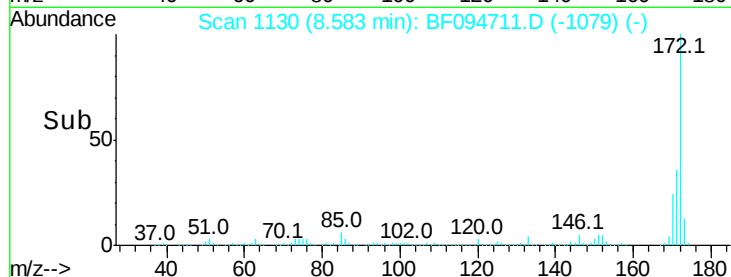
#44
 2-Fluorobiphenyl
 Concen: 82.87 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094711.D
 Acq: 30 Apr 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1193630
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.6 19.8 29.8

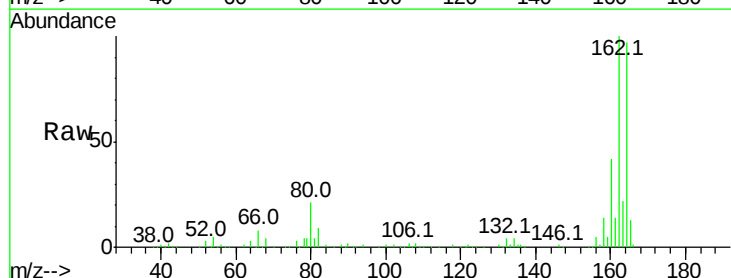


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

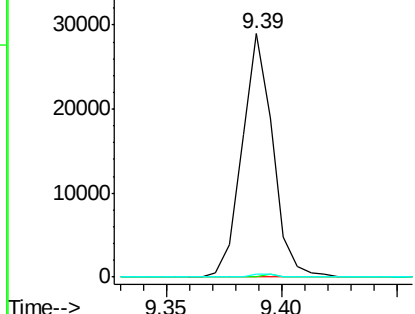
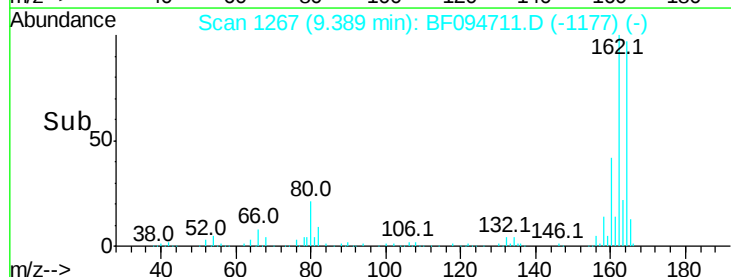


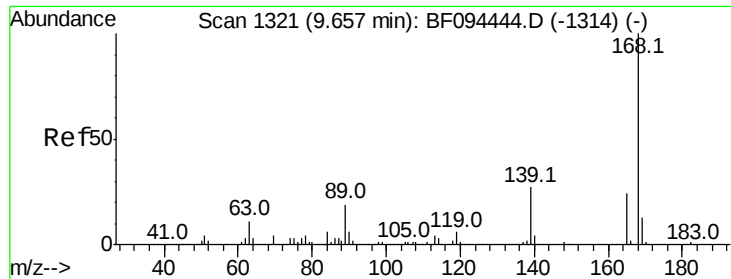
#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094711.D
 Acq: 30 Apr 2017 13:43

Tgt Ion:165 Resp: 26959
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.1 37.1 55.7#



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

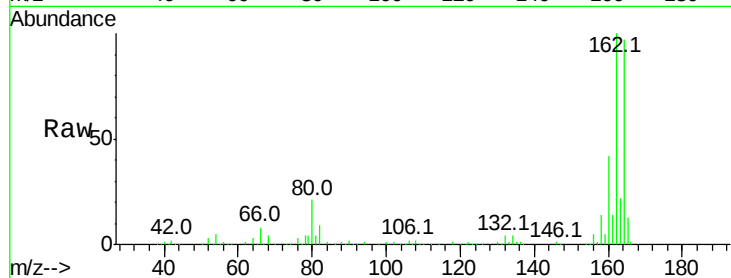




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094711.D
 Acq: 30 Apr 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

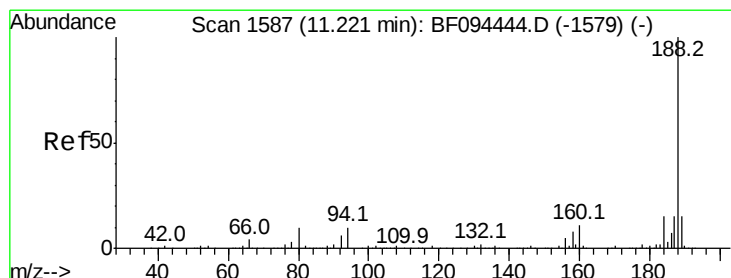
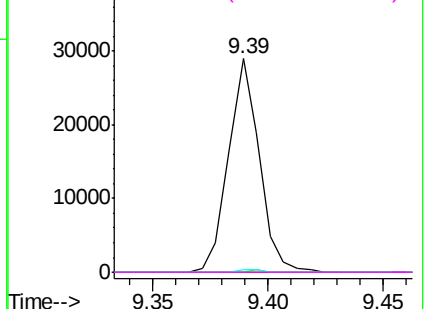
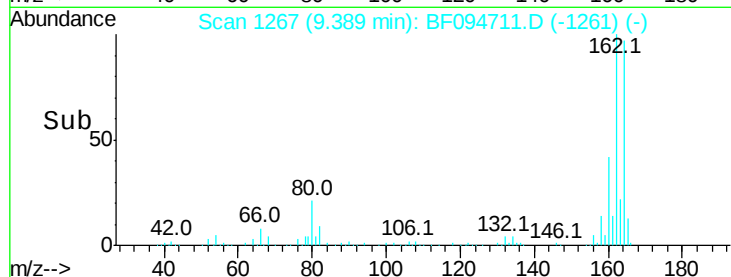


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

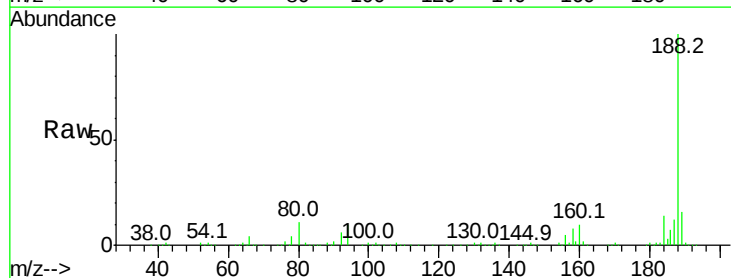
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094711.D
 Acq: 30 Apr 2017 13:43

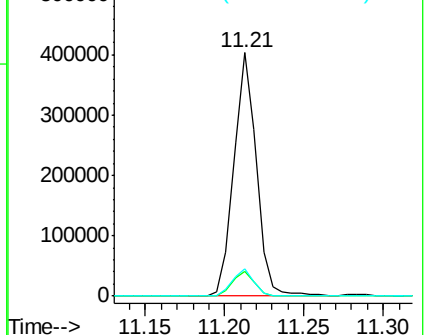
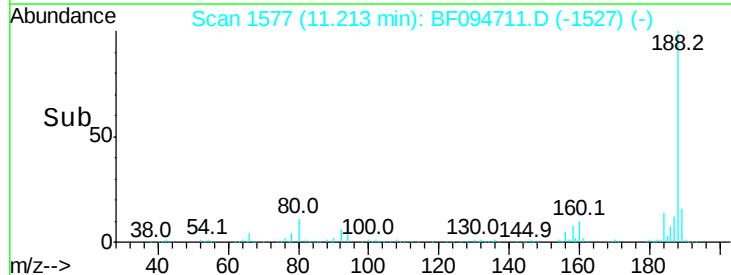
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.4	10.2	15.2

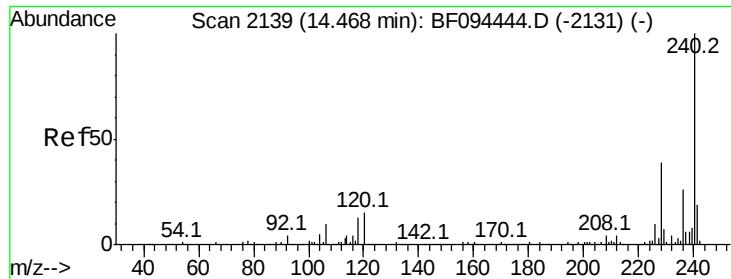


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094711.D

Acq: 30 Apr 2017 13:43

Instrument :

BNA_F

ClientSampleId :

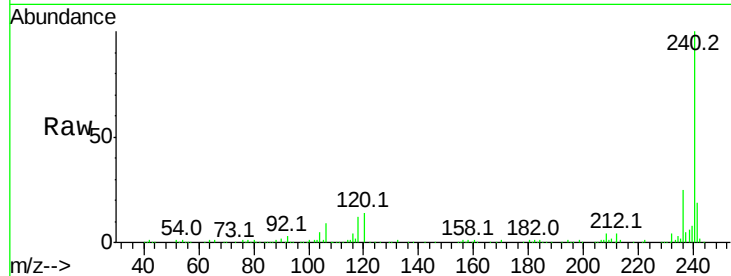
Tot Ion:240 Resp: 330228

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

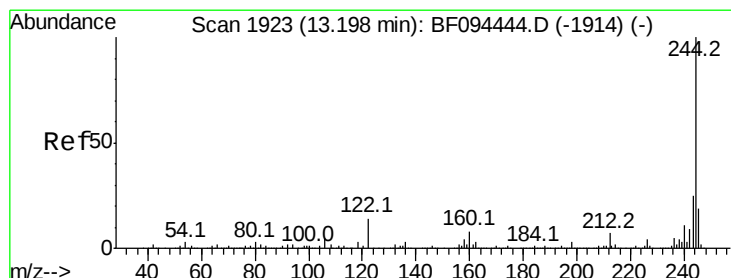
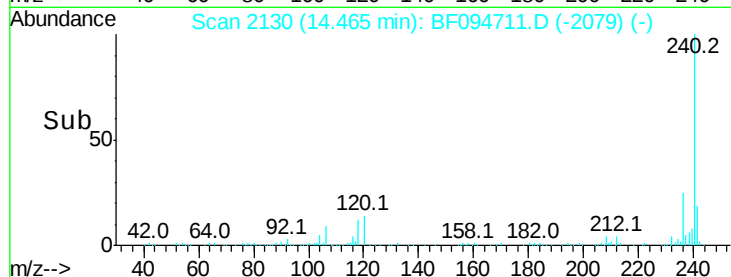
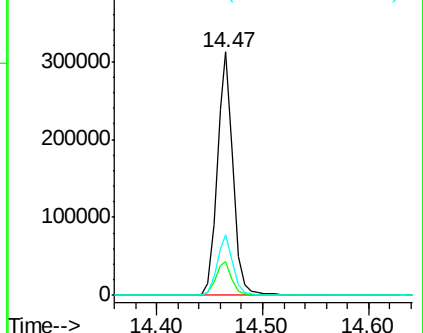
236 25.1 20.5 30.7



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: 93.28 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094711.D

Acq: 30 Apr 2017 13:43

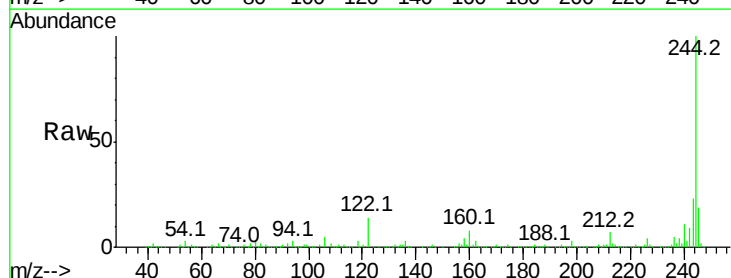
Tgt Ion:244 Resp: 1152444

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

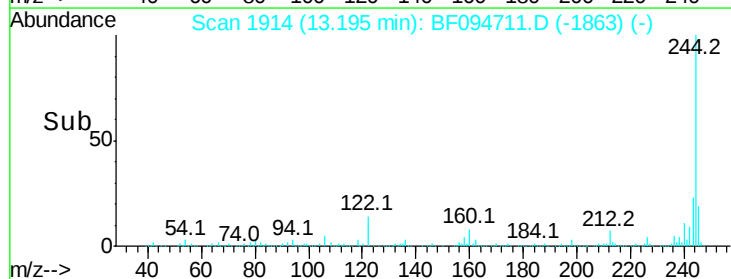
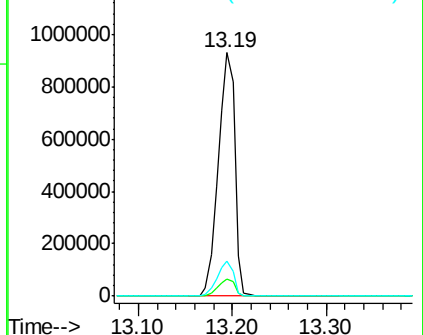
122 14.2 10.3 15.5

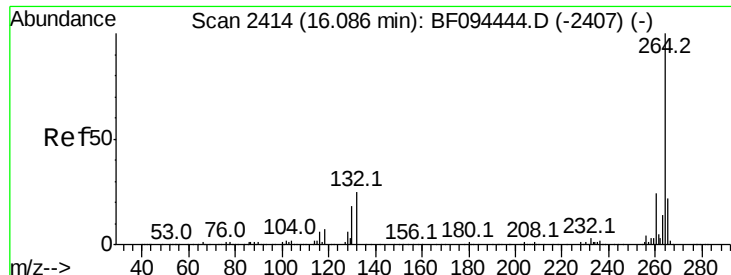


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

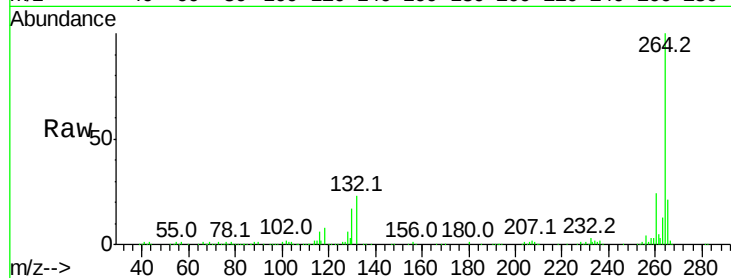




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.2	25.8



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

