

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094712.D
 Acq On : 30 Apr 2017 14:11
 Operator : SJ/MA
 Sample : PB98552BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:18:47 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

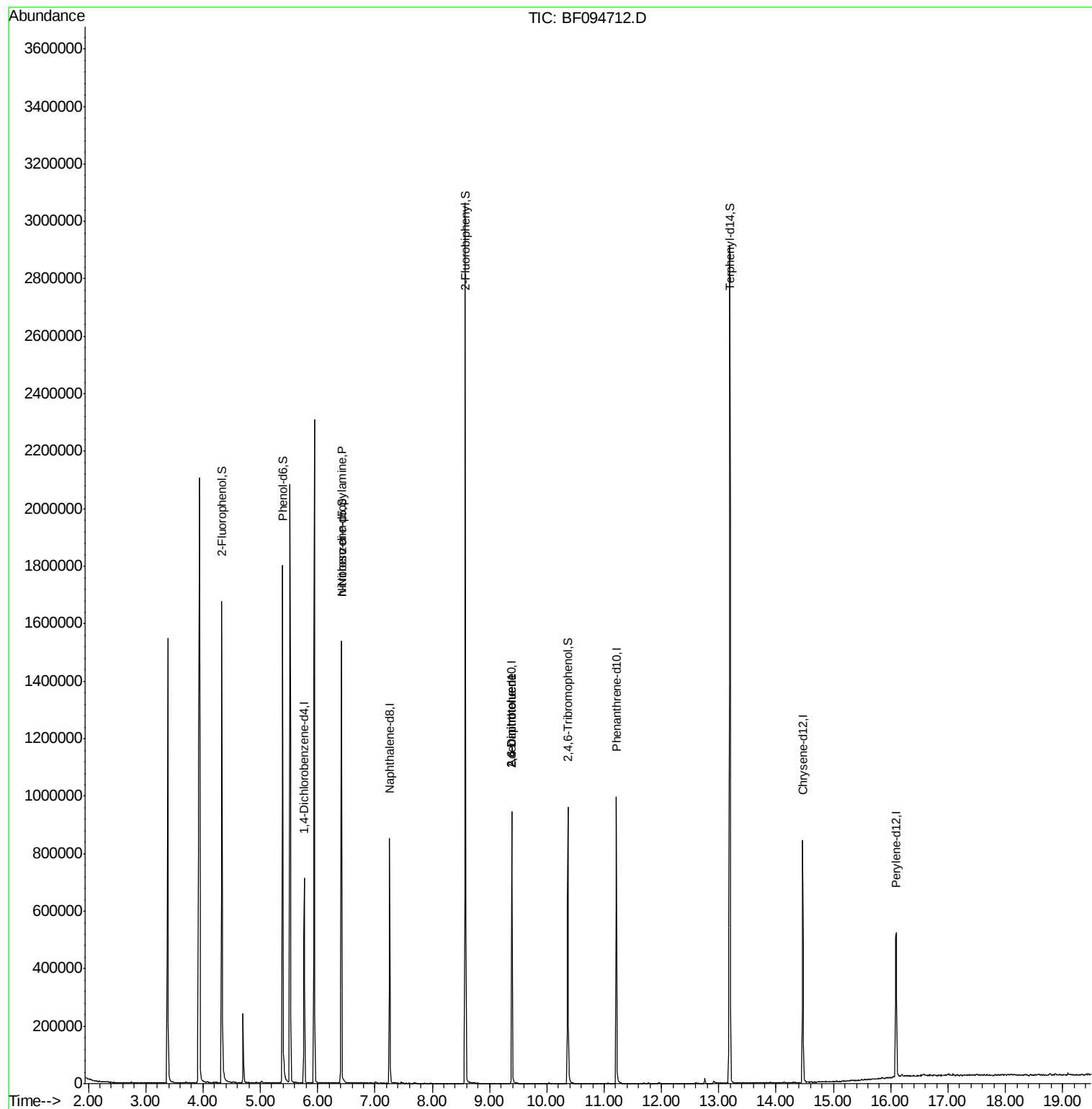
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	106445	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	440012	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	211933	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	403656	20.00	ng	0.00
75) Chrysene-d12	14.47	240	330858	20.00	ng	0.00
86) Perylene-d12	16.09	264	220959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	556404	86.72	ng	0.03
7) Phenol-d6	5.39	99	671905	88.83	ng	0.00
23) Nitrobenzene-d5	6.42	82	584306	82.00	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	119836	72.29	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1150338	79.86	ng	0.00
78) Terphenyl-d14	13.19	244	1105107	89.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	76577	15.28	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	25952	7.32	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	25945	5.96	ng	# 31

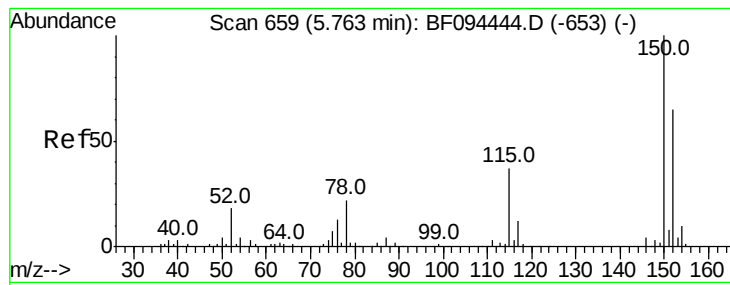
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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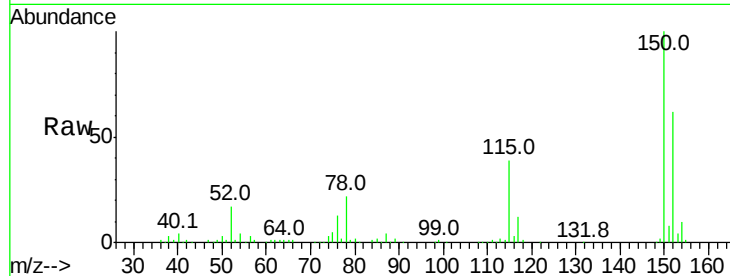


#1

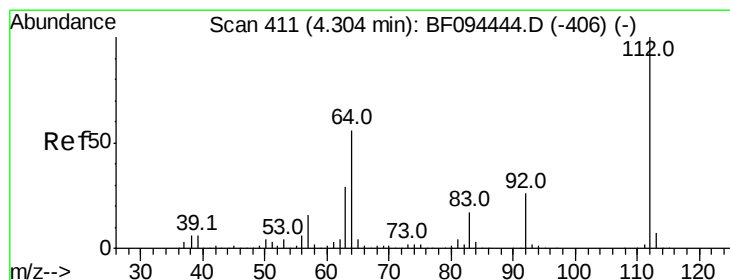
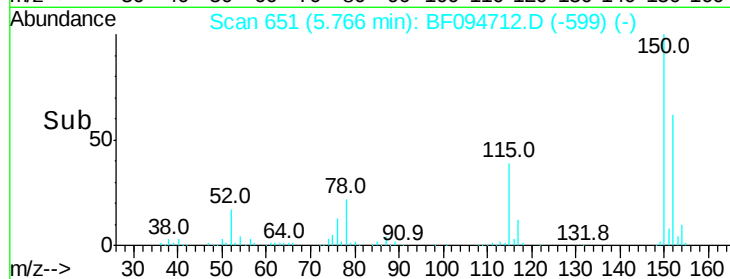
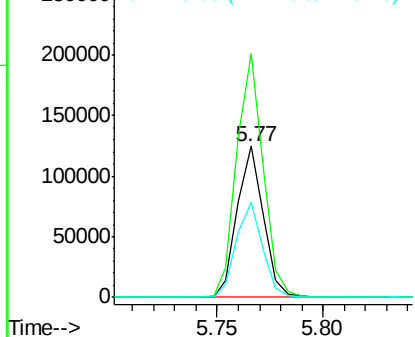
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094712.D
Acq: 30 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106445
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.2
115 62.8 52.2 78.2



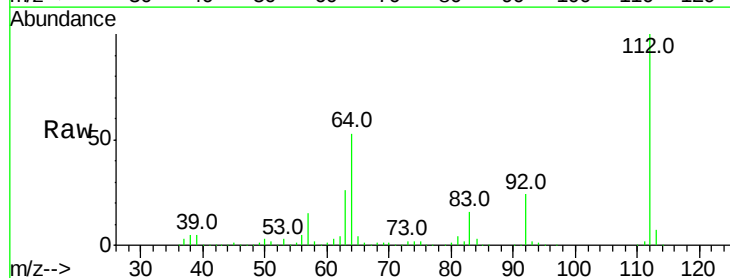
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



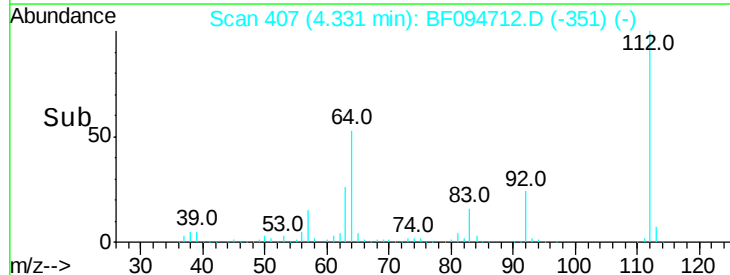
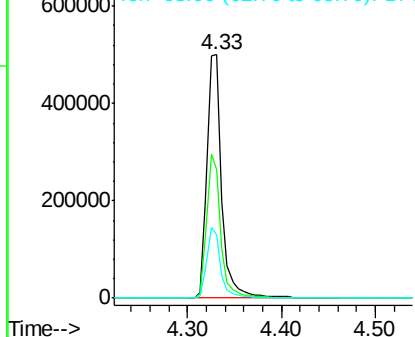
#5

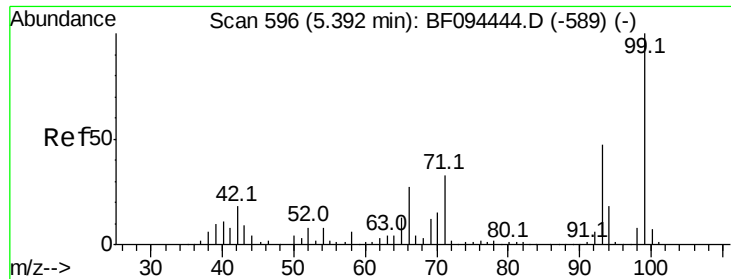
2-Fluorophenol
Concen: 86.72 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094712.D
Acq: 30 Apr 2017 14:11

Tgt Ion:112 Resp: 556404
Ion Ratio Lower Upper
112 100
64 52.5 46.0 69.0
63 26.0 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: 88.83 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

Instrument :

BNA_F

ClientSampled :

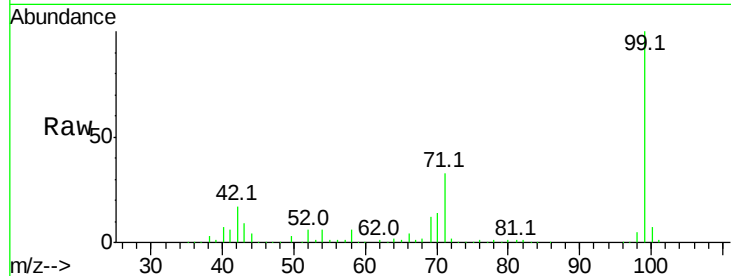
Tot Ion: 99 Resp: 671905

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

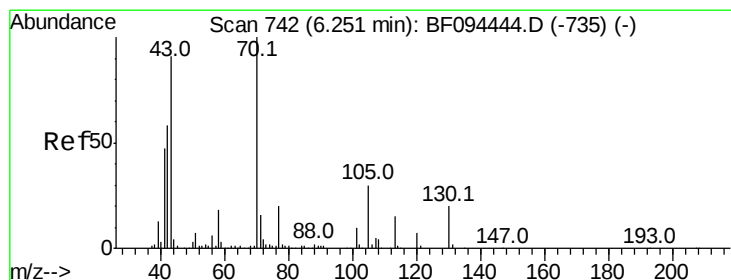
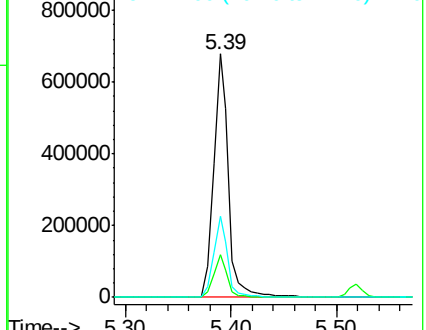
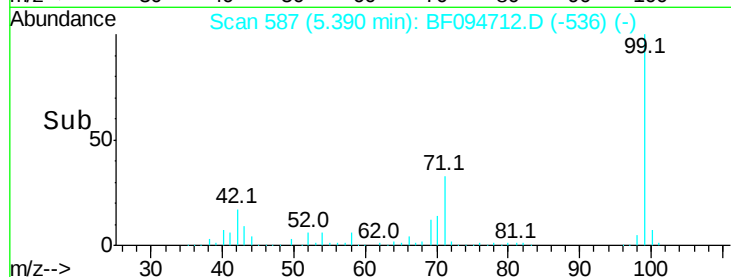
71 33.2 24.5 36.7



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: 15.28 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

Tgt Ion: 70 Resp: 76577

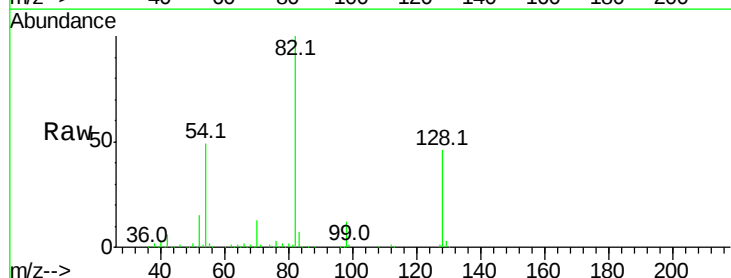
Ion Ratio Lower Upper

70 100

42 45.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

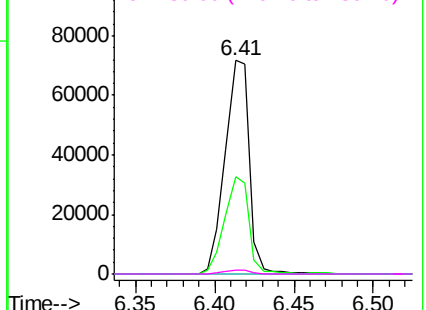
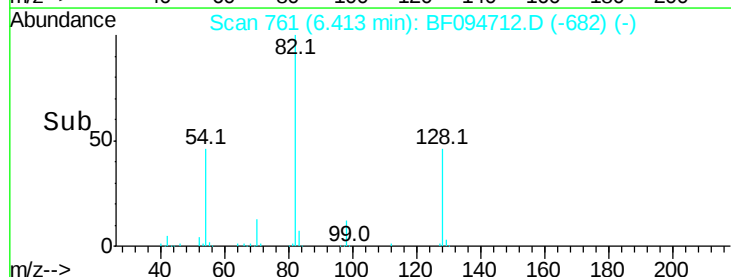


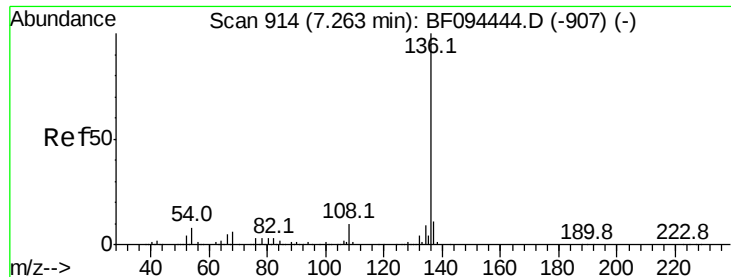
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 440012

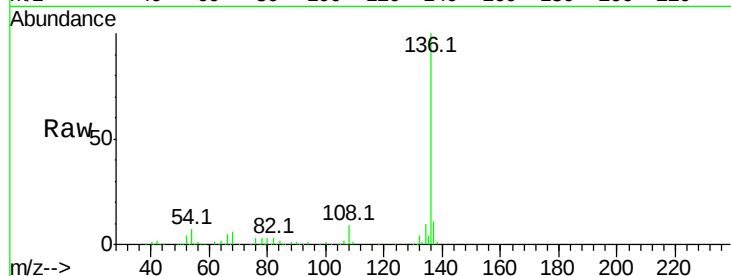
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

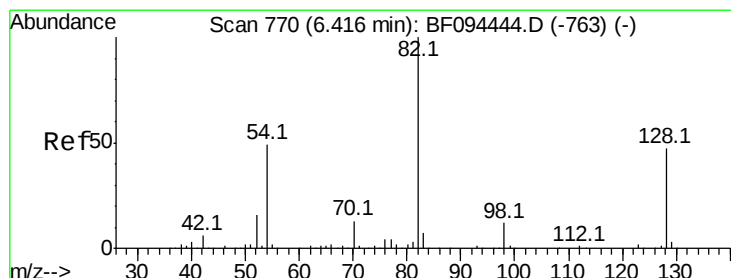
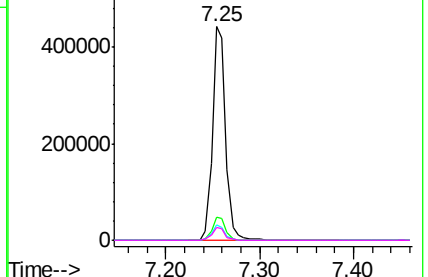
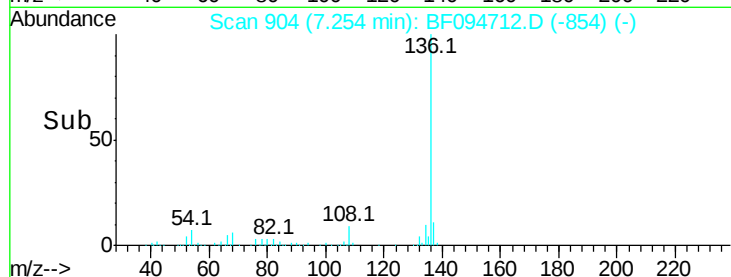


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.00 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

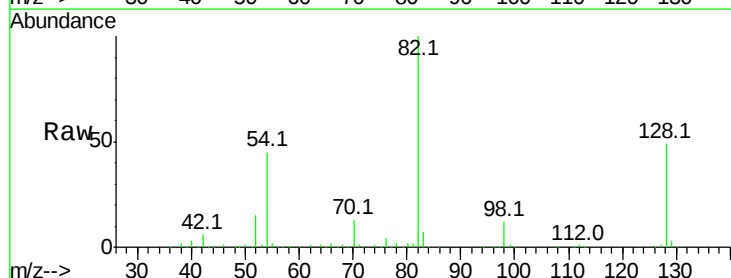
Tgt Ion: 82 Resp: 584306

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

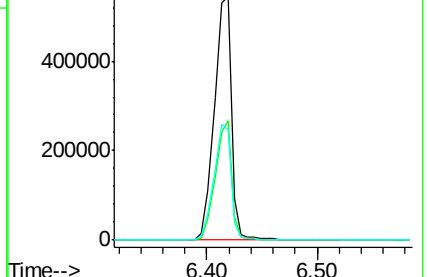
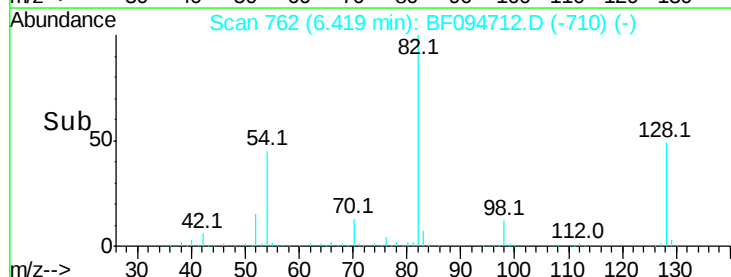
54 45.3 42.2 63.2

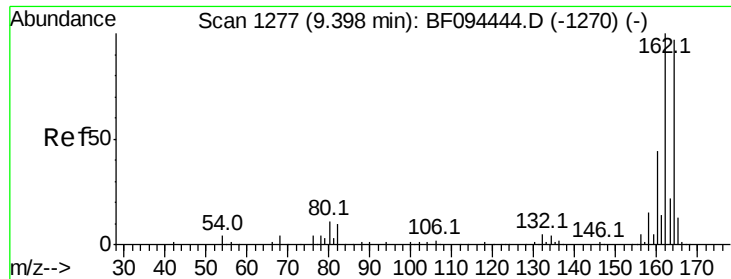


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

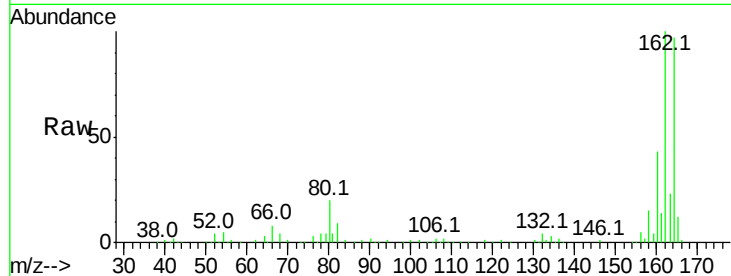




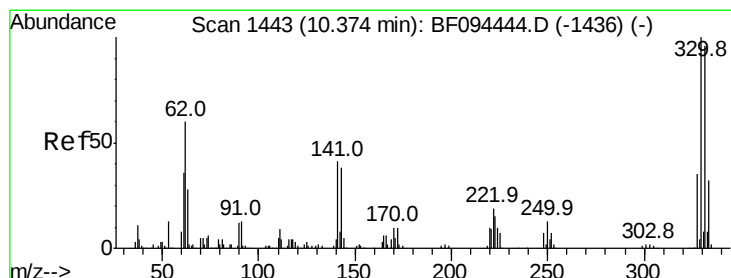
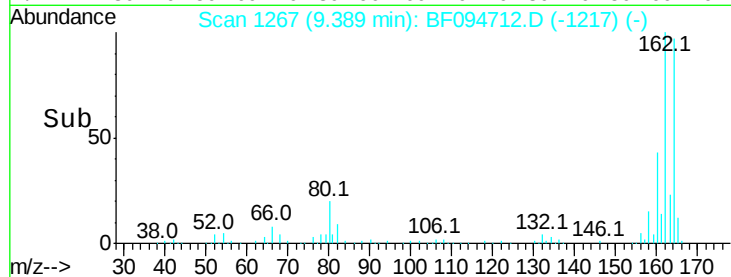
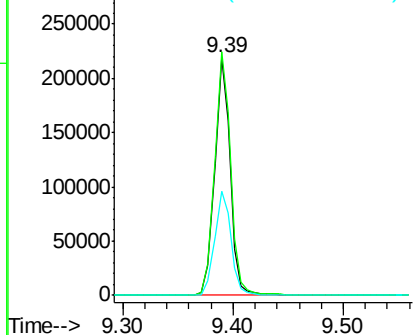
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 211933
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 44.1 36.2 54.2

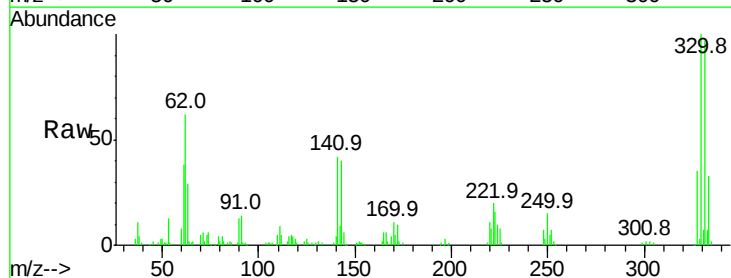


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

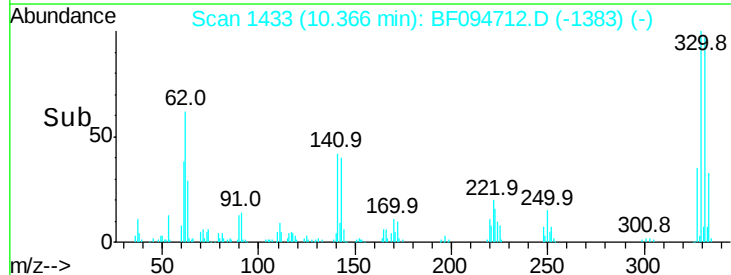
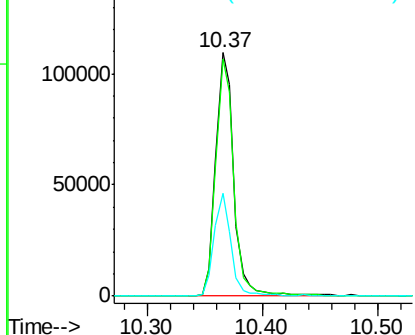


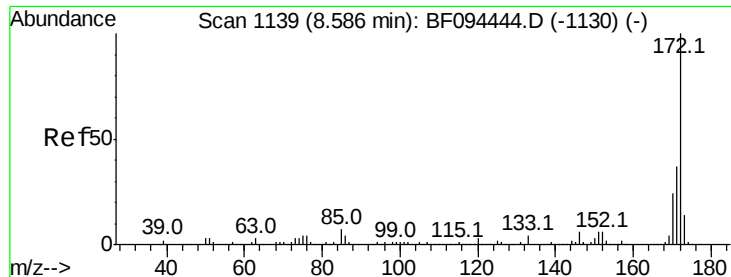
#41
 2,4,6-Tribromophenol
 Concen: 72.29 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion:330 Resp: 119836
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.7 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

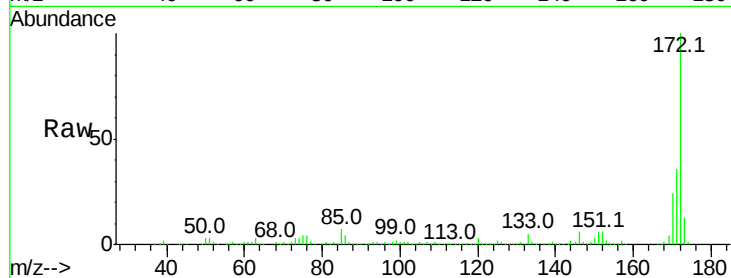




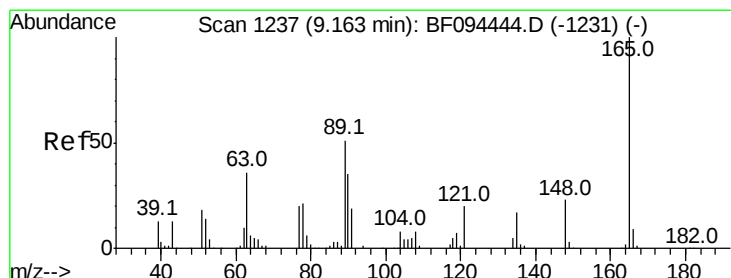
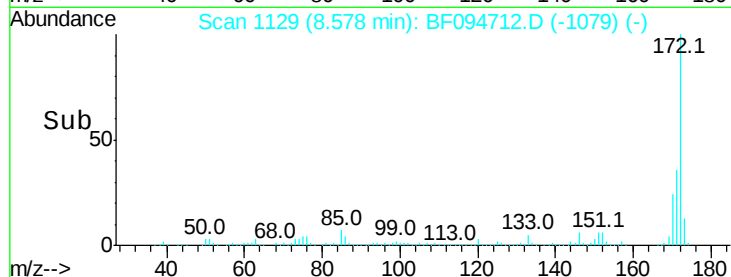
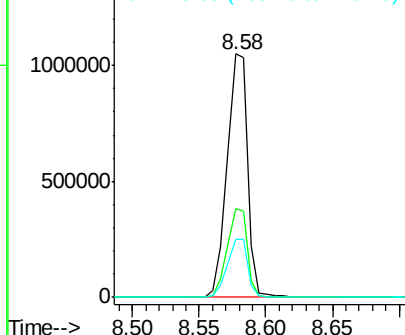
#44
 2-Fluorobiphenyl
 Concen: 79.86 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1150338
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 19.8 29.8

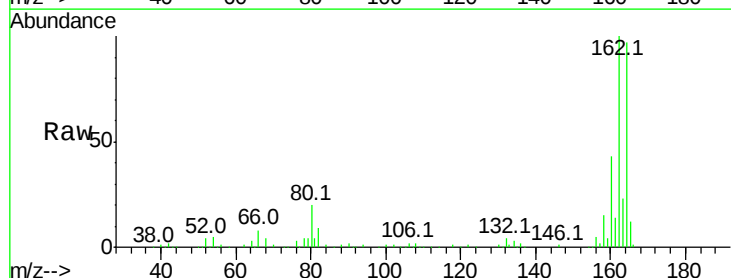


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

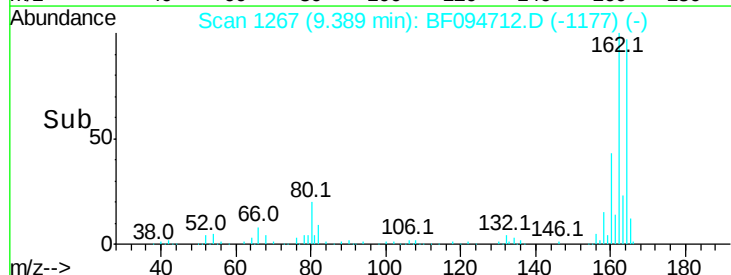
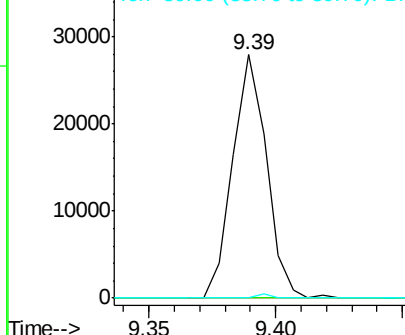


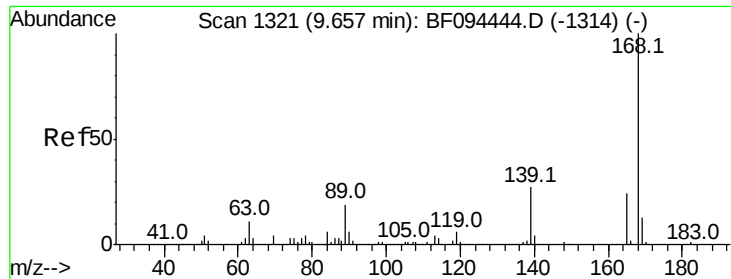
#50
 2,6-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion:165 Resp: 25952
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 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

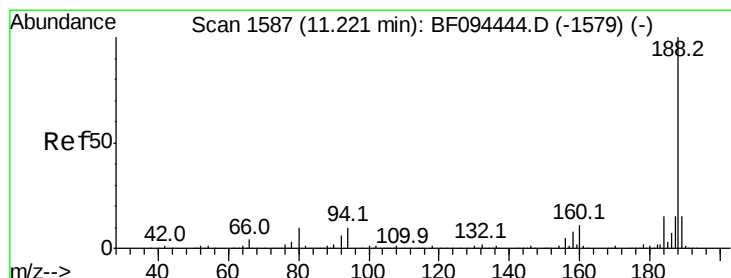
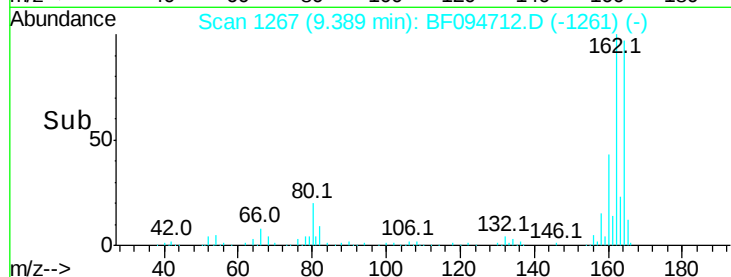
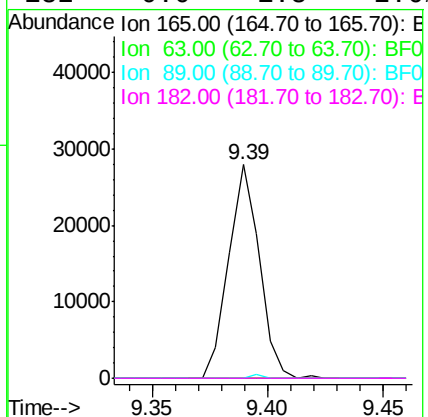
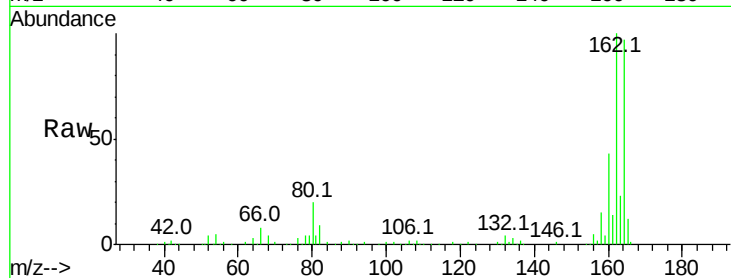




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

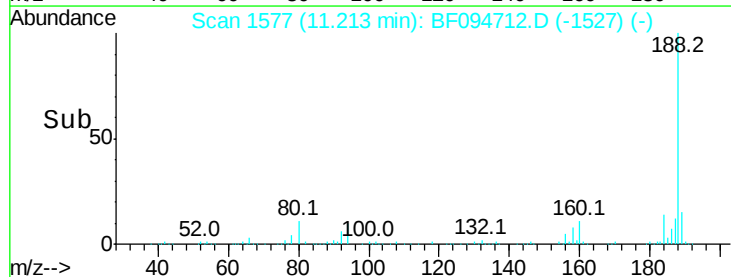
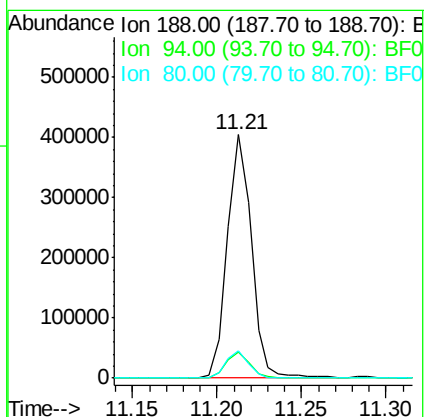
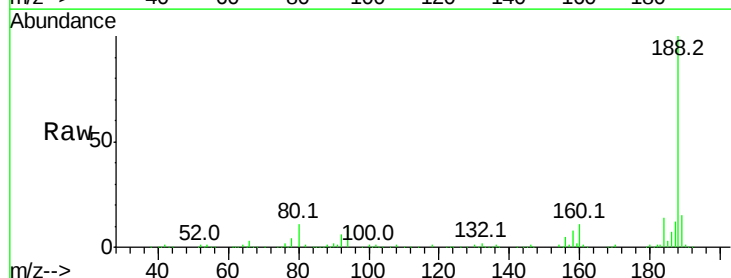
Instrument :
 BNA_F
 ClientSampleId :

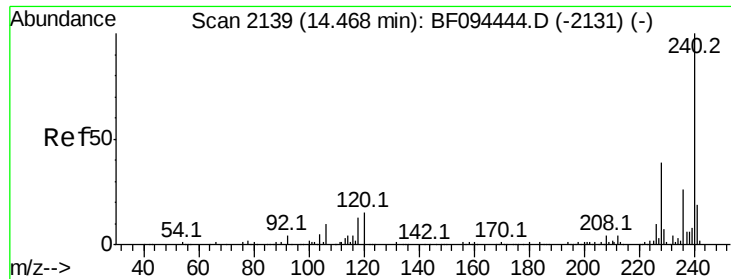
Tot Ion:165 Resp: 25945
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion:188 Resp: 403656
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

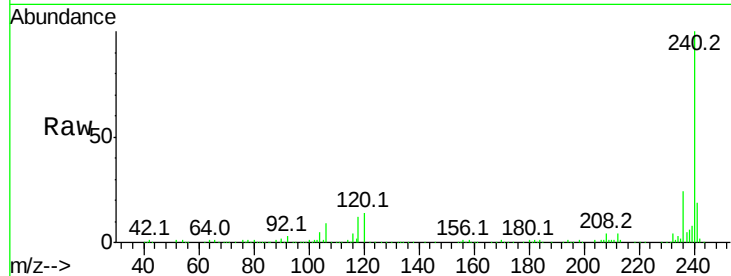
Tot Ion:240 Resp: 330858

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

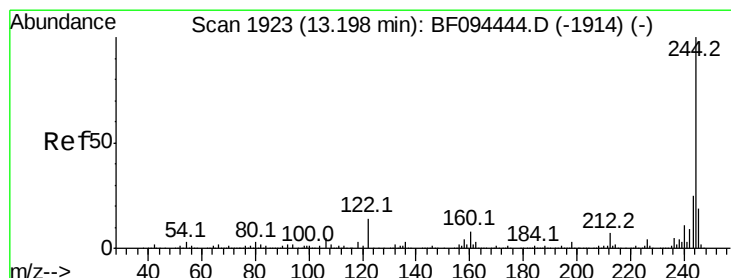
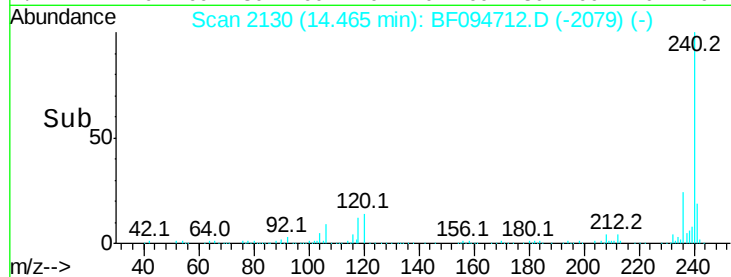
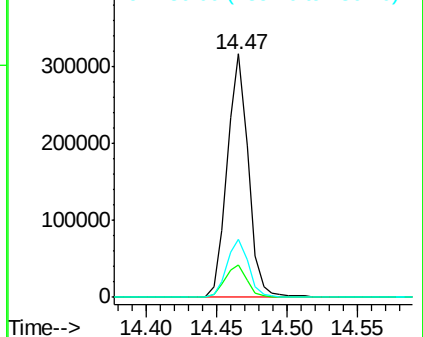
236 23.9 20.5 30.7



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: 89.28 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

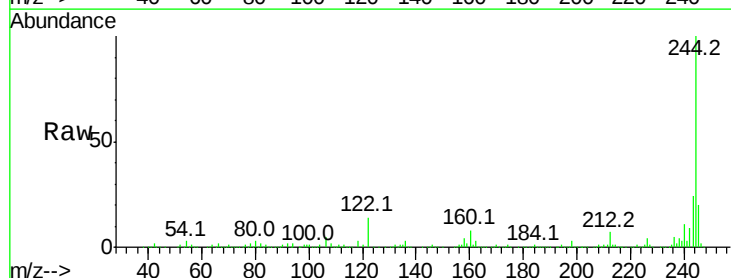
Tgt Ion:244 Resp: 1105107

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

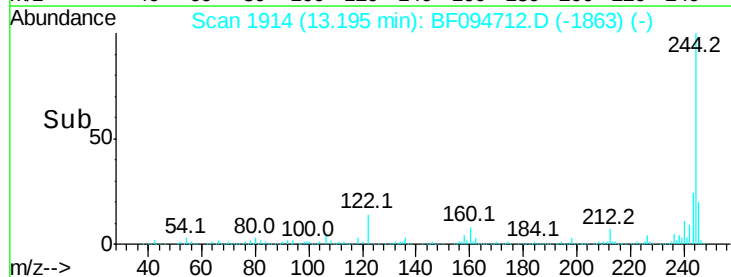
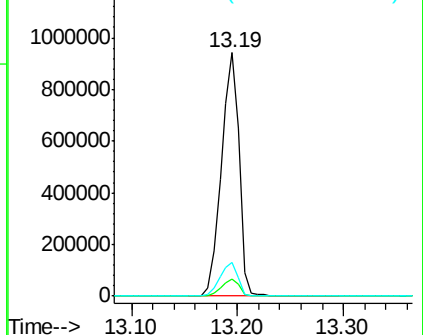
122 13.9 10.3 15.5

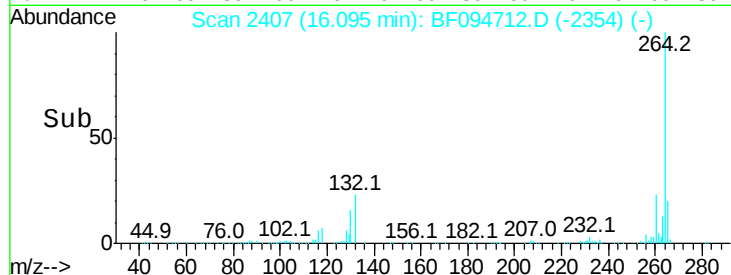
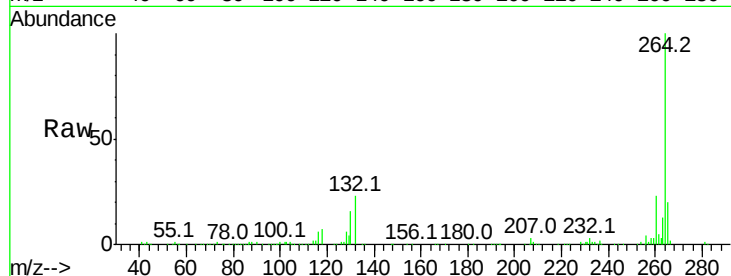
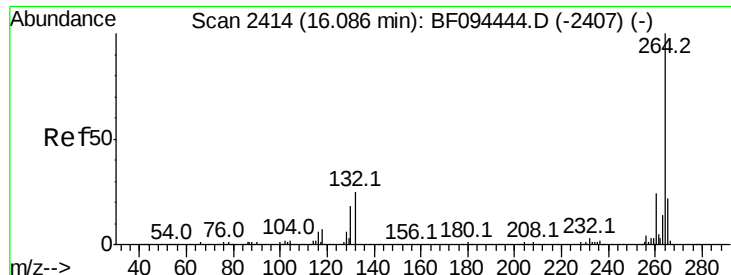


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF094712.D
 Acq: 30 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	220959
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.5	17.2	25.8

