

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094649.D
 Acq On : 26 Apr 2017 16:19
 Operator : SJ/MA
 Sample : I2782-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:23:26 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

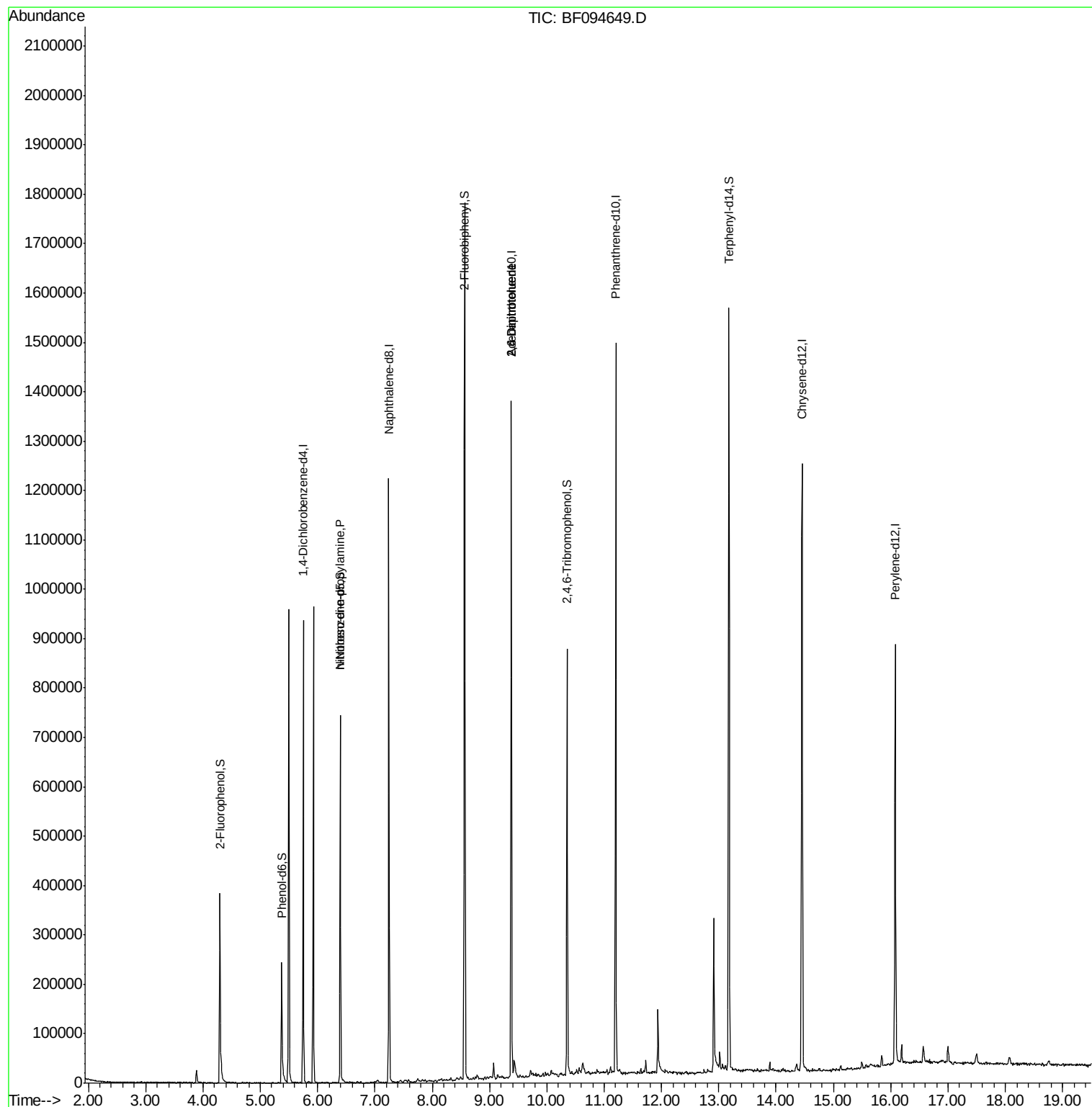
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	146176	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	627802	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	302347	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	575115	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	496006	20.00	ng	-0.01
86) Perylene-d12	16.08	264	357335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	139898	15.88	ng	0.00
7) Phenol-d6	5.37	99	110782	10.67	ng	-0.02
23) Nitrobenzene-d5	6.40	82	247303	24.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	104256	44.08	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	567092	27.60	ng	-0.02
78) Terphenyl-d14	13.18	244	518823	27.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	31163	4.53	ng	# 78
50) 2,6-Dinitrotoluene	9.38	165	38354	7.58	ng	# 34
56) 2,4-Dinitrotoluene	9.38	165	38354	6.18	ng	# 33

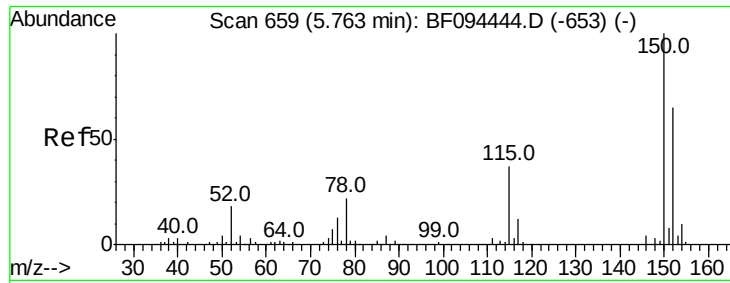
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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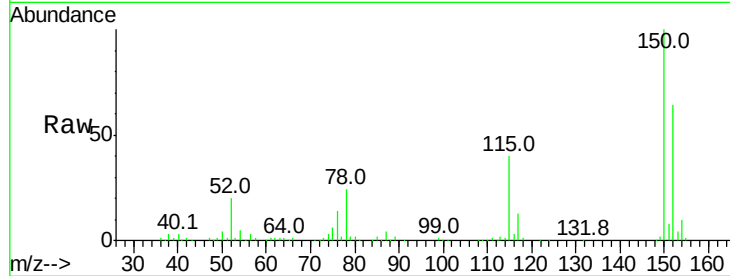


#1

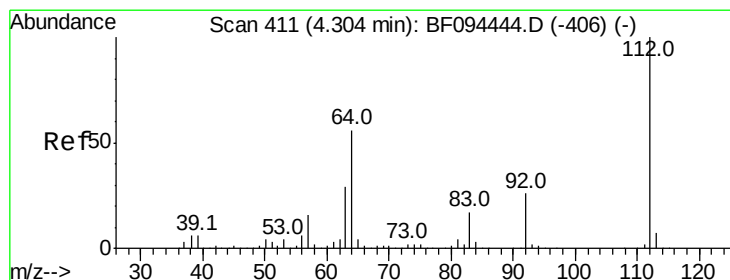
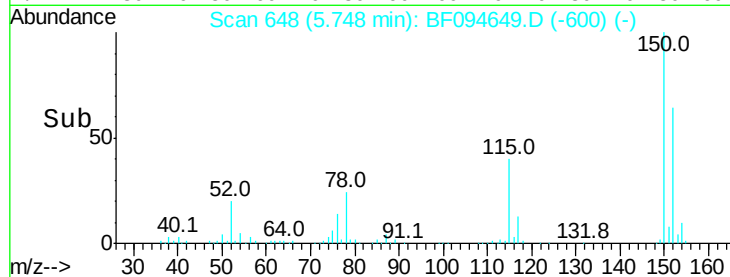
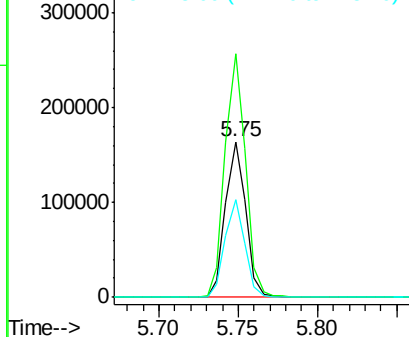
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094649.D
Acq: 26 Apr 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146176
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 62.5 52.2 78.2



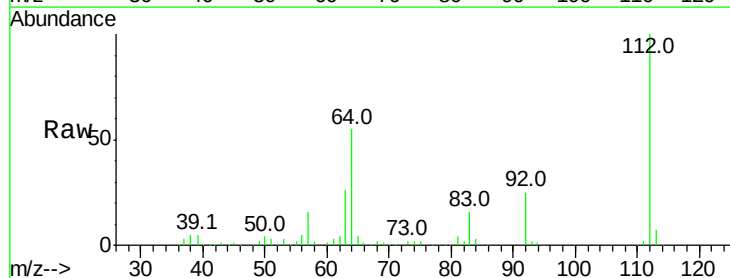
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



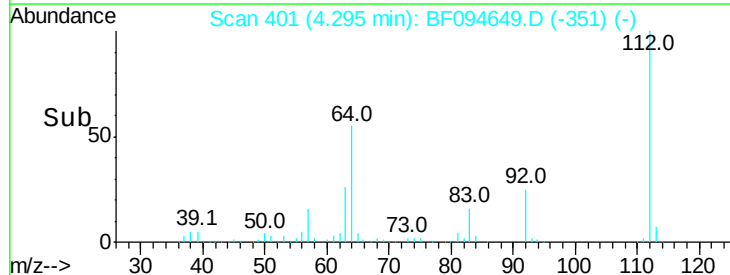
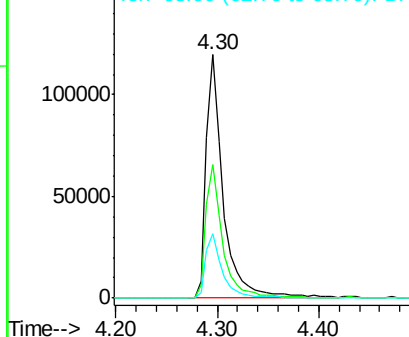
#5

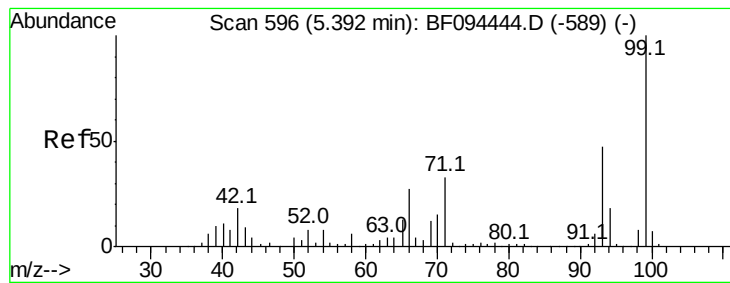
2-Fluorophenol
Concen: 15.88 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094649.D
Acq: 26 Apr 2017 16:19

Tgt Ion:112 Resp: 139898
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 26.4 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: 10.67 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

Instrument :

BNA_F

ClientSampleId :

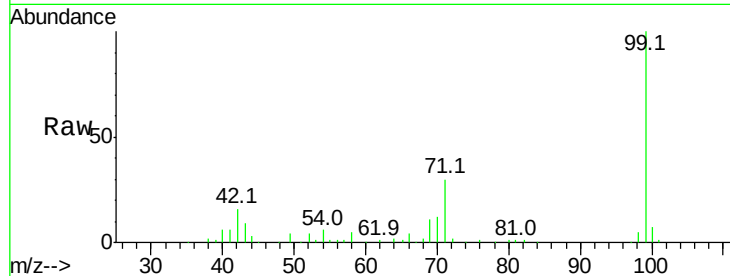
Tot Ion: 99 Resp: 110782

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

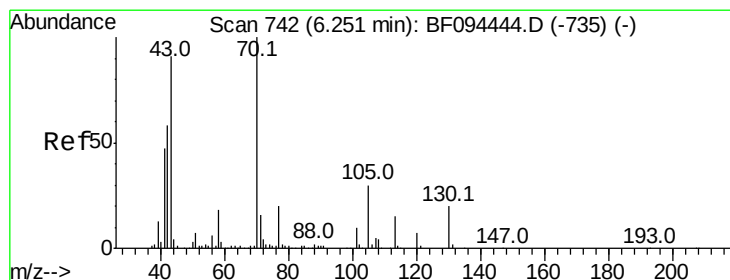
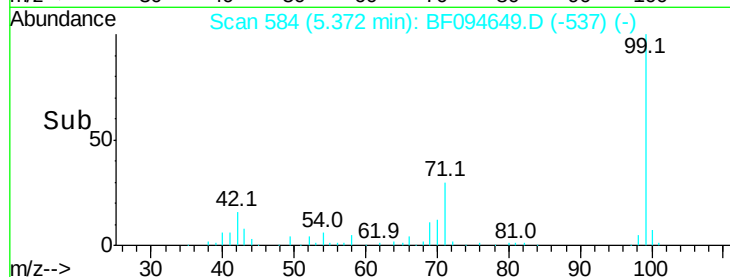
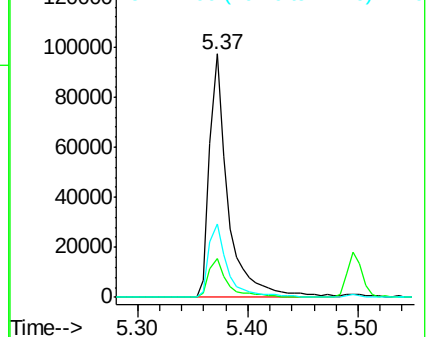
71 29.9 24.5 36.7



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: 4.53 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.14 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

Tgt Ion: 70 Resp: 31163

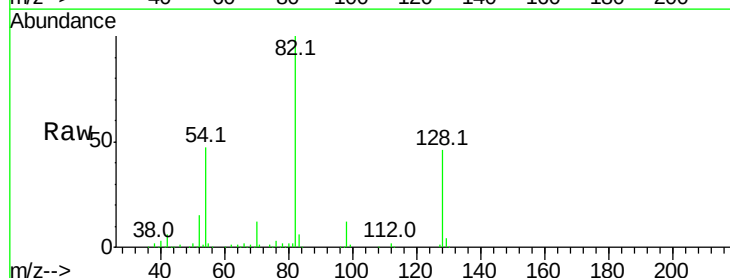
Ion Ratio Lower Upper

70 100

42 46.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

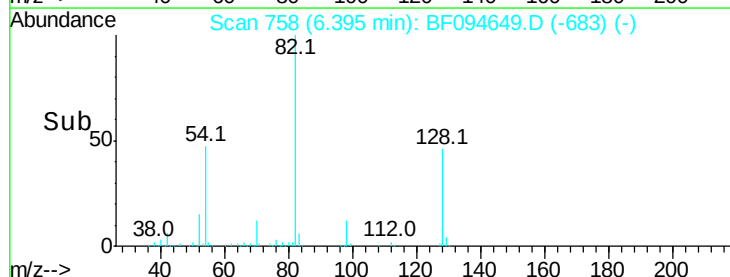
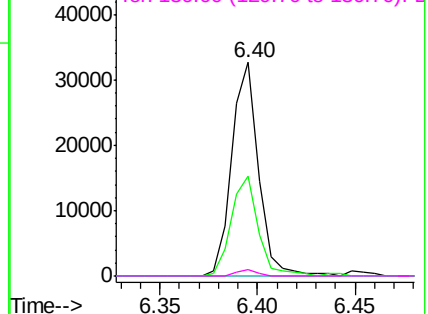


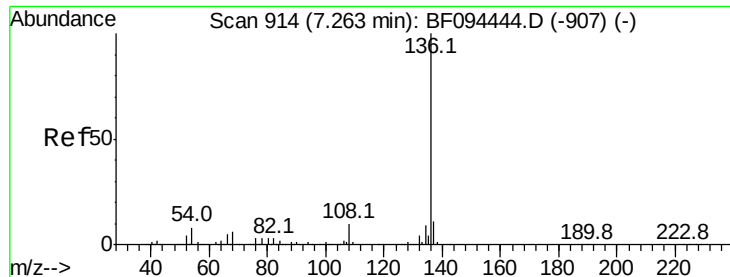
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 627802

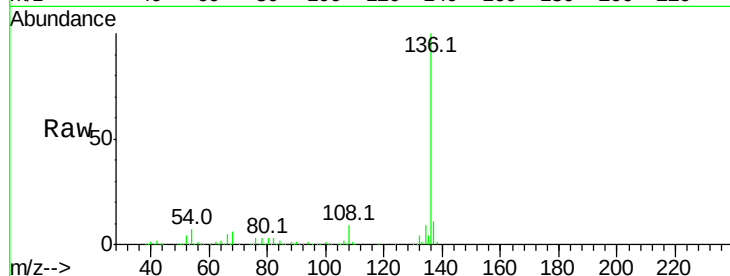
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3#

68 5.6 4.1 6.1

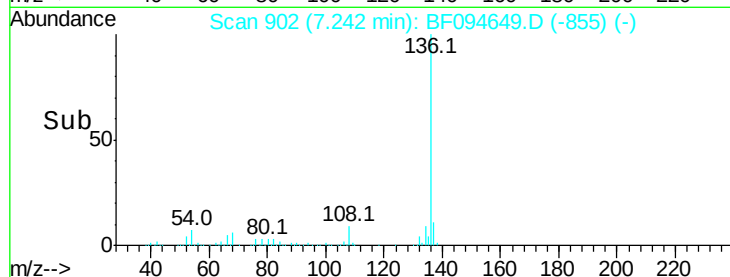


Abundance Ion 136.00 (135.70 to 136.70): E

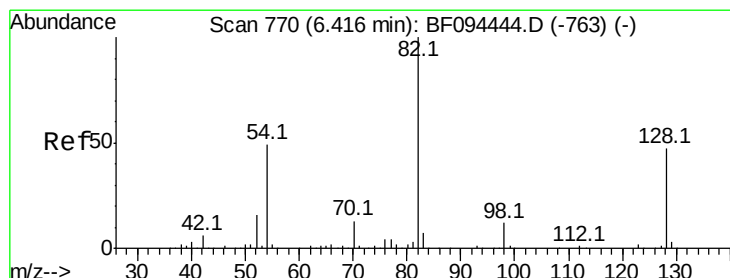
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 24.32 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

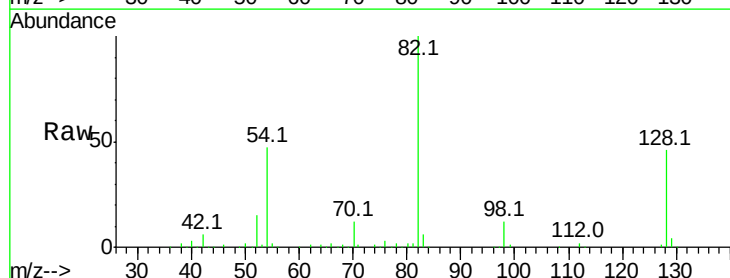
Tgt Ion: 82 Resp: 247303

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

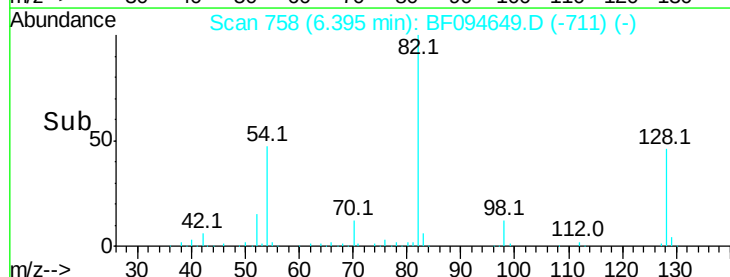
54 46.9 42.2 63.2



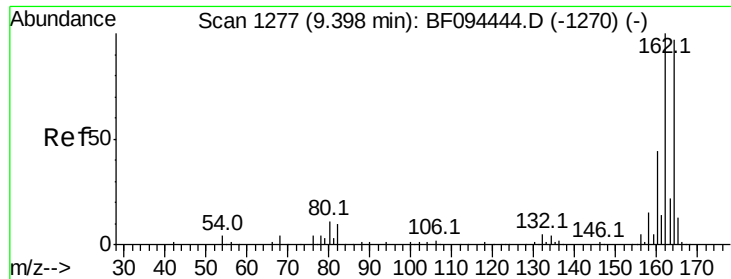
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



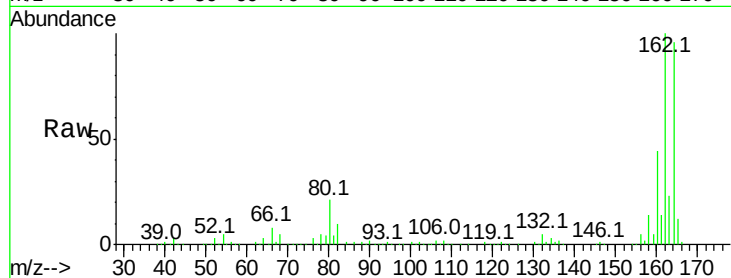
Time-->



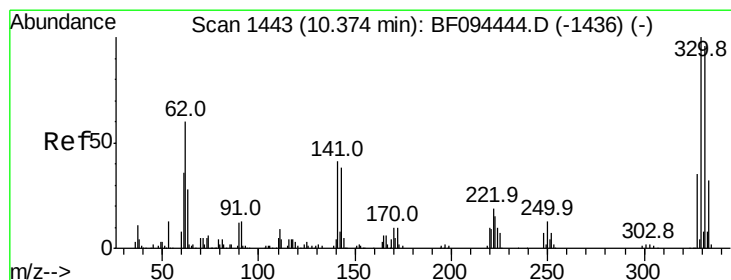
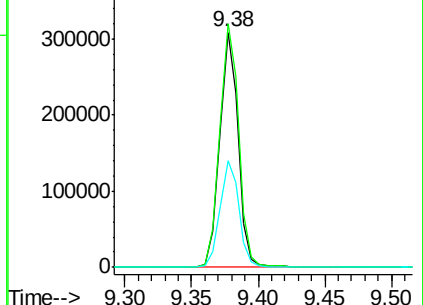
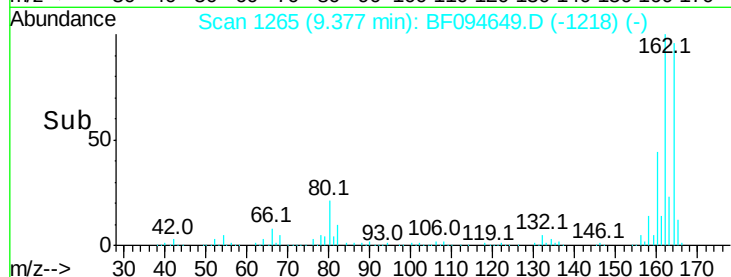
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094649.D
 Acq: 26 Apr 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 302347
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 45.7 36.2 54.2

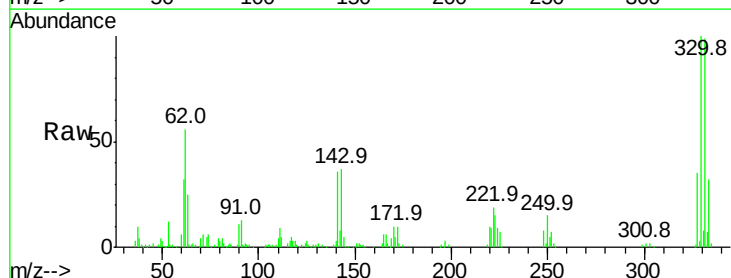


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

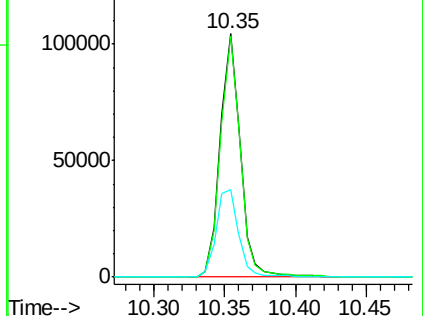
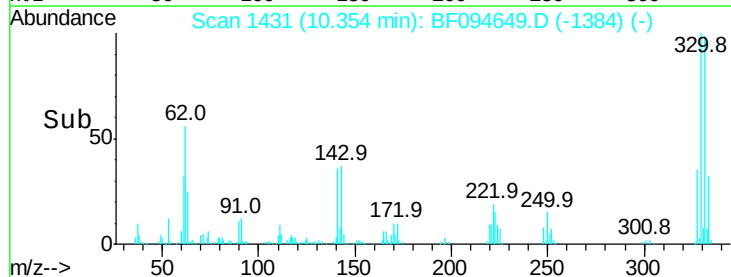


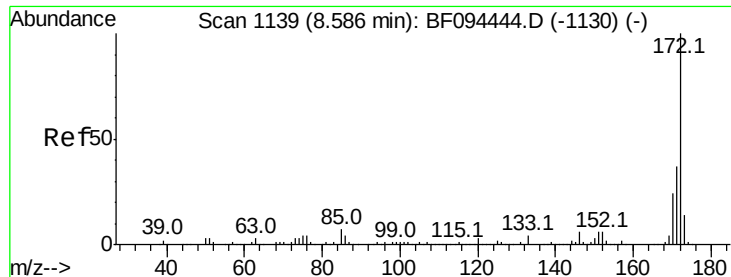
#41
 2,4,6-Tribromophenol
 Concen: 44.08 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094649.D
 Acq: 26 Apr 2017 16:19

Tgt Ion:330 Resp: 104256
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 40.4 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

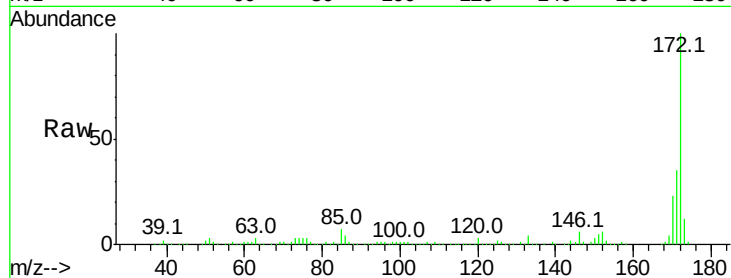




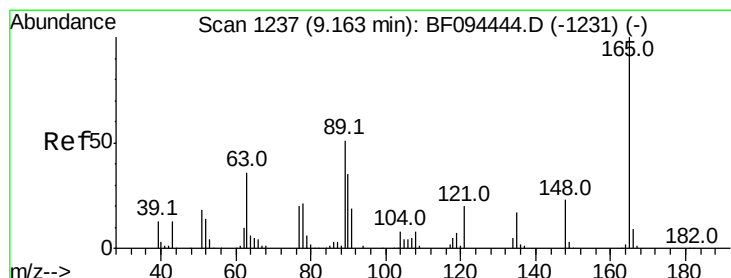
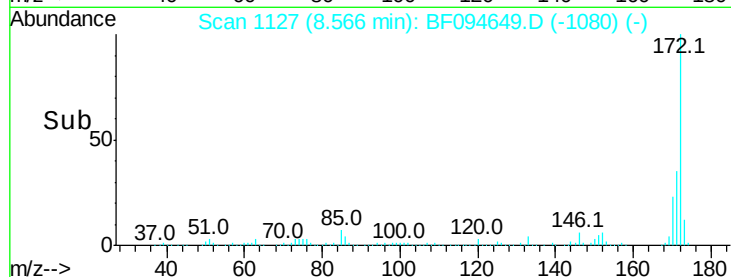
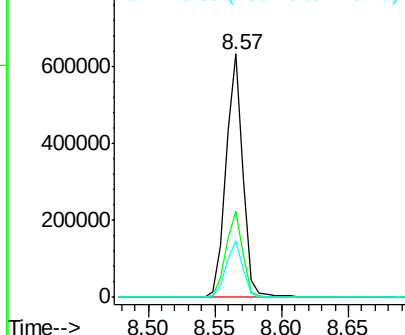
#44
 2-Fluorobiphenyl
 Concen: 27.60 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094649.D
 Acq: 26 Apr 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 567092
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.1 19.8 29.8

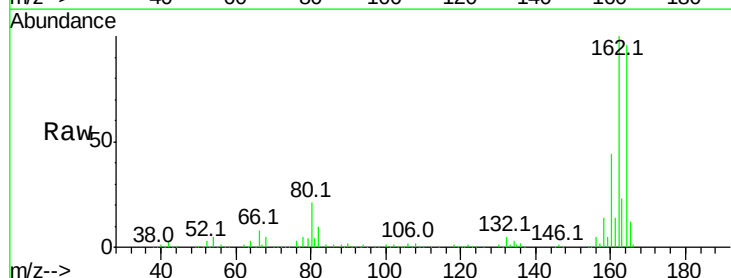


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

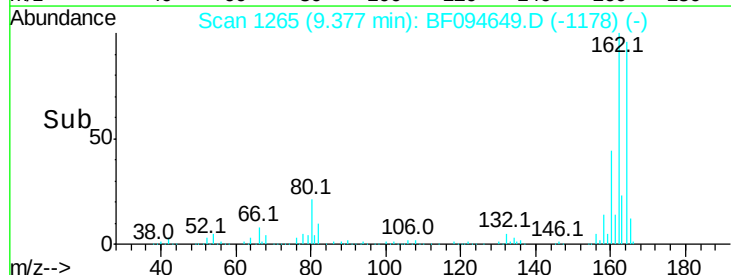
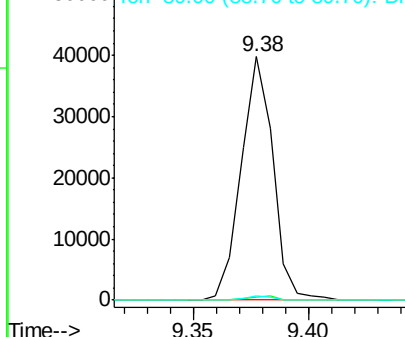


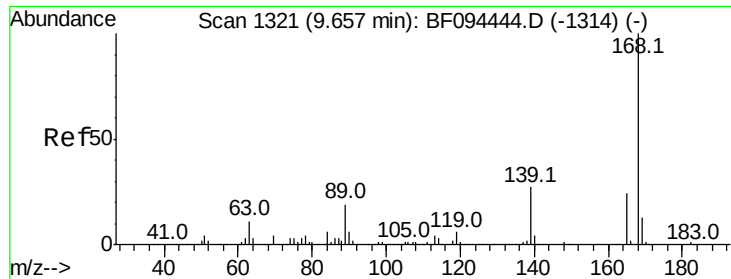
#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094649.D
 Acq: 26 Apr 2017 16:19

Tgt Ion:165 Resp: 38354
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.3 51.5#
 89 1.5 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: 6.18 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.28 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 38354

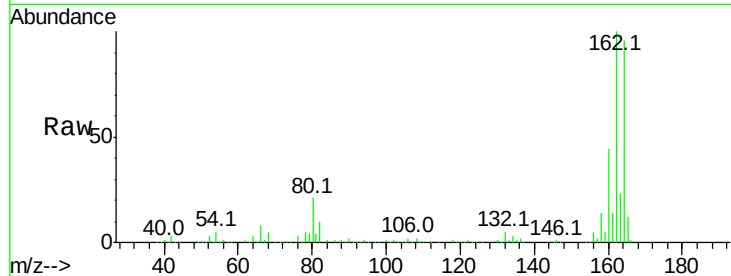
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

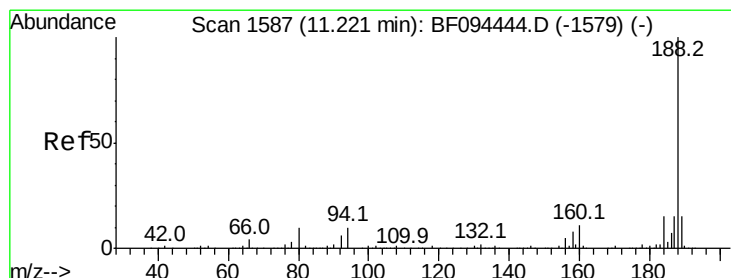
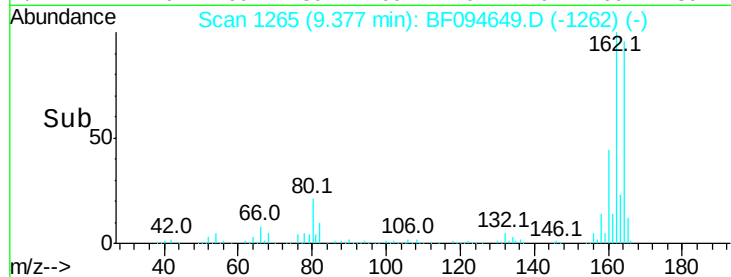
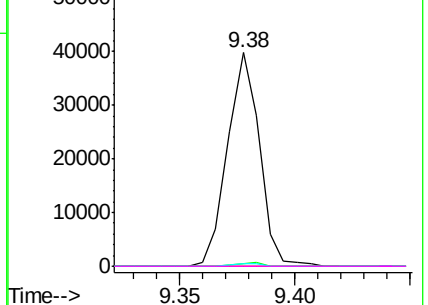


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

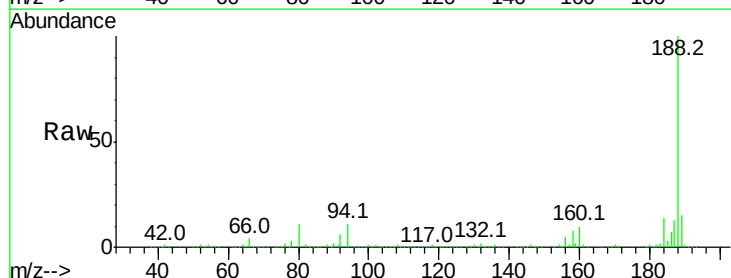
Tgt Ion:188 Resp: 575115

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

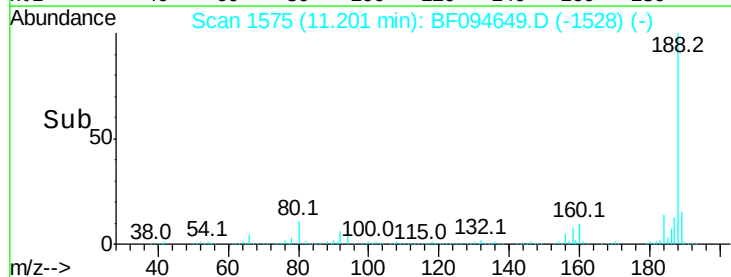
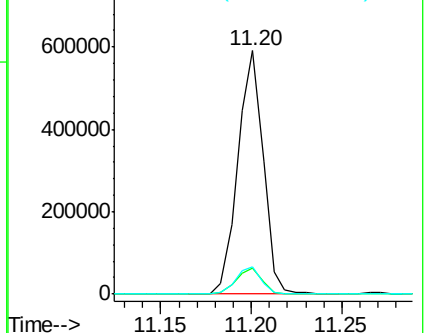
80 11.5 10.2 15.2

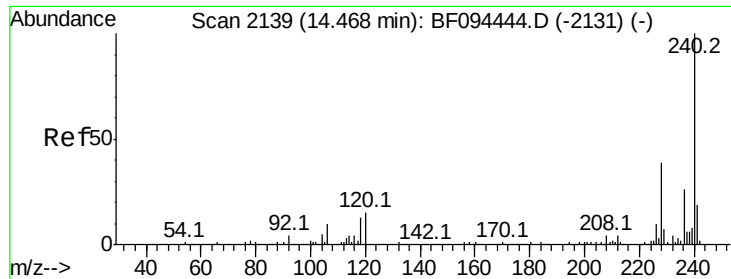


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

Instrument :

BNA_F

ClientSampled :

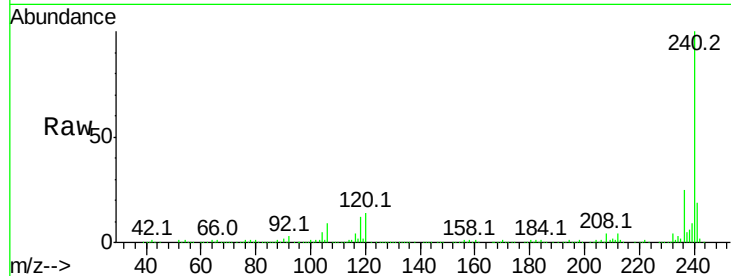
Tot Ion:240 Resp: 496006

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

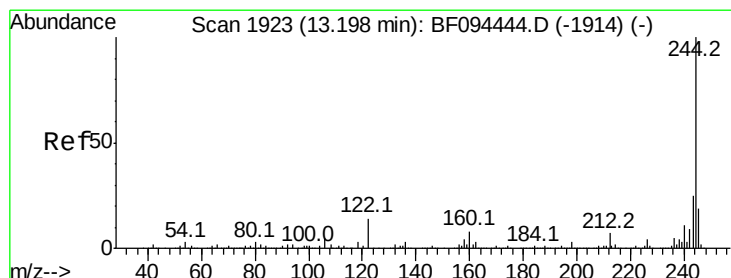
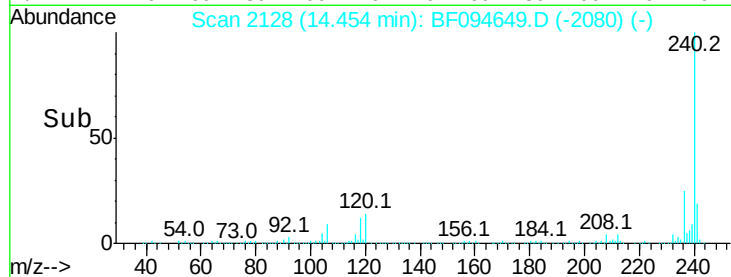
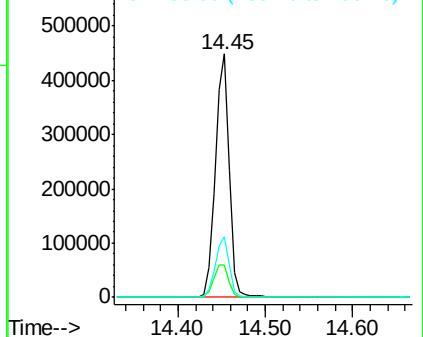
236 25.0 20.5 30.7



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: 27.96 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094649.D

Acq: 26 Apr 2017 16:19

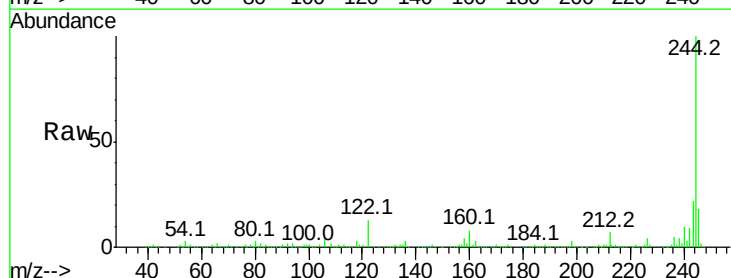
Tgt Ion:244 Resp: 518823

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

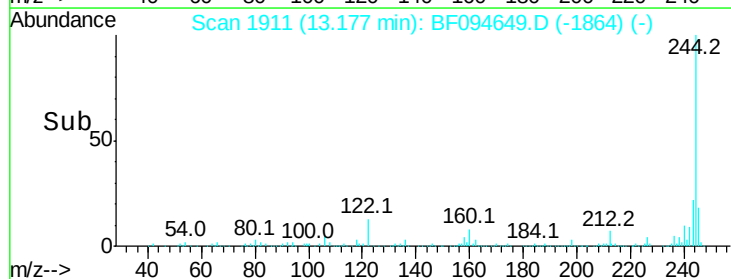
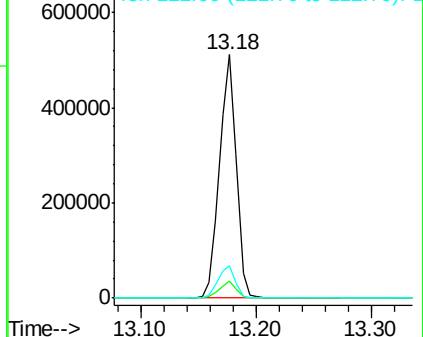
122 13.4 10.3 15.5

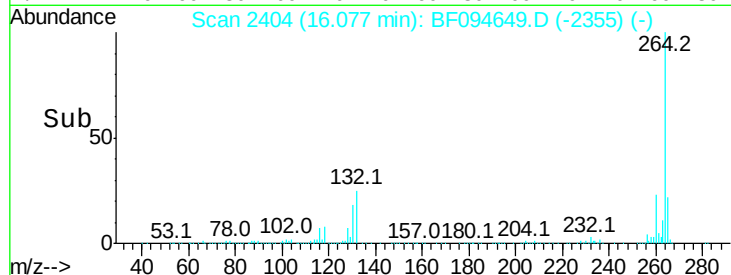
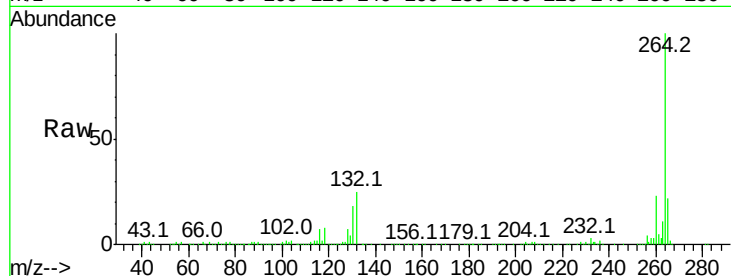
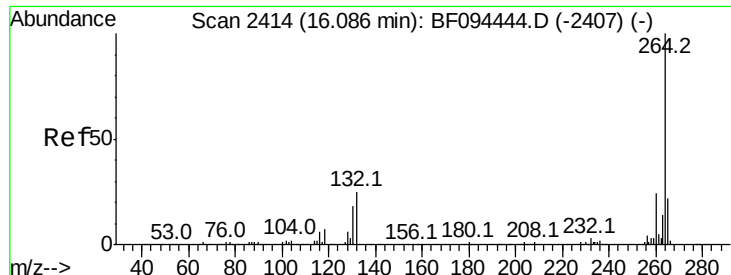


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2404
Delta R.T. -0.01 min
Lab File: BF094649.D
Acq: 26 Apr 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	357335
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.7	17.2	25.8

