

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094540.D
 Acq On : 20 Apr 2017 13:10
 Operator : SJ/MA
 Sample : I2744-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:27:33 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

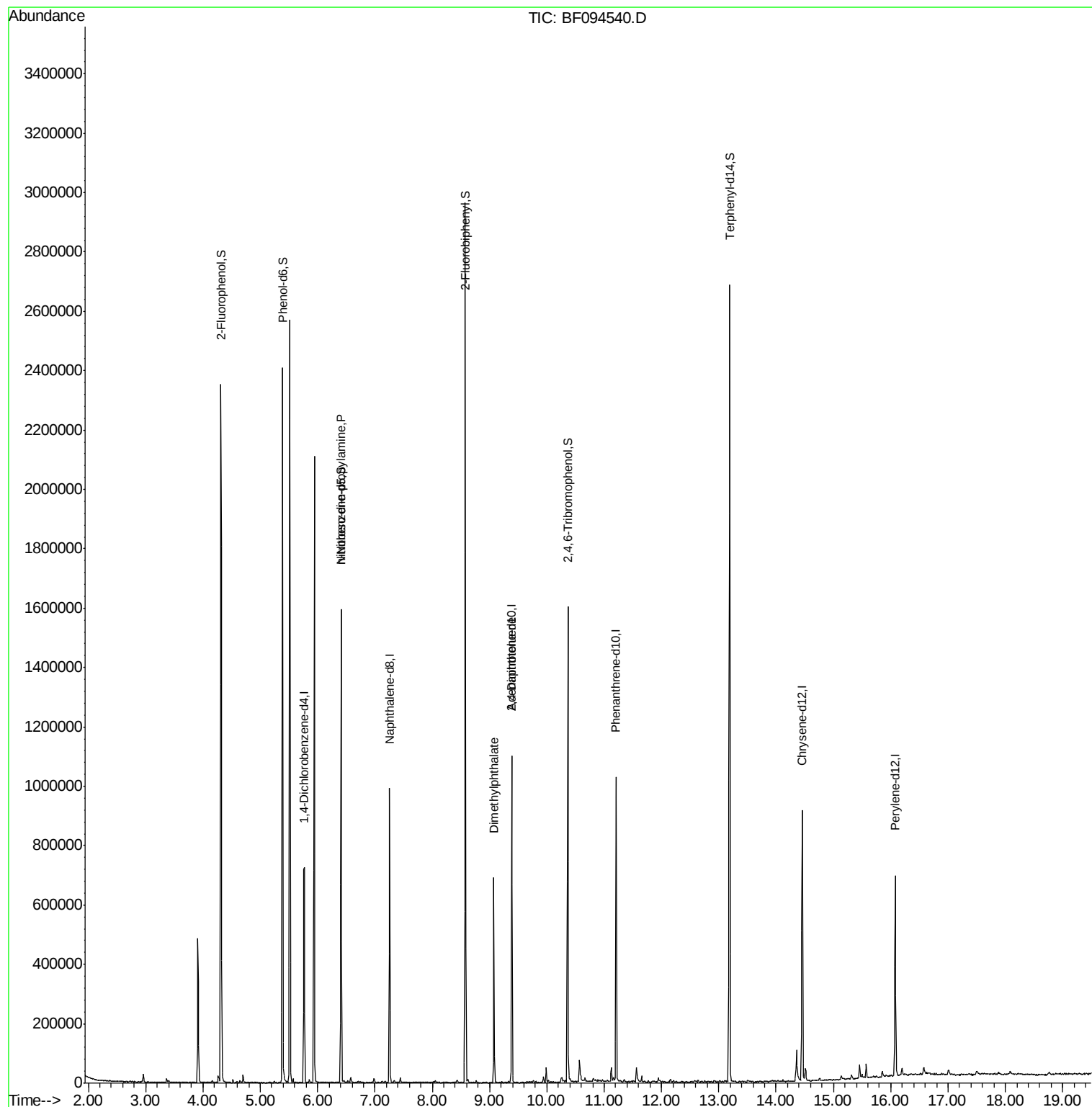
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	122993	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	484074	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	223340	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	426224	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	372347	20.00	ng	0.00
86) Perylene-d12	16.08	264	263754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	691792	93.32	ng	0.00
7) Phenol-d6	5.39	99	883363	101.07	ng	0.00
23) Nitrobenzene-d5	6.41	82	531194	67.76	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	194545	111.36	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1041330	68.60	ng	0.00
78) Terphenyl-d14	13.19	244	1005751	72.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	70152	12.11	ng	# 75
49) Dimethylphthalate	9.08	163	288037	17.31	ng	99
56) 2,4-Dinitrotoluene	9.39	165	28208	6.15	ng	# 33

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

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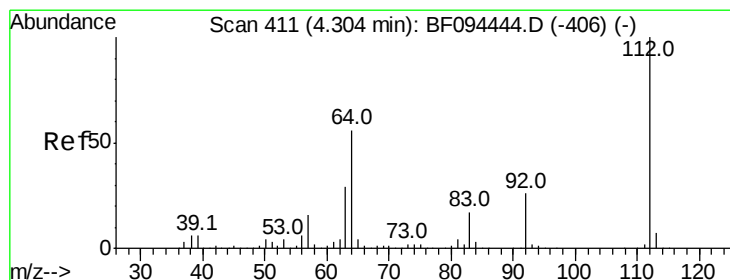
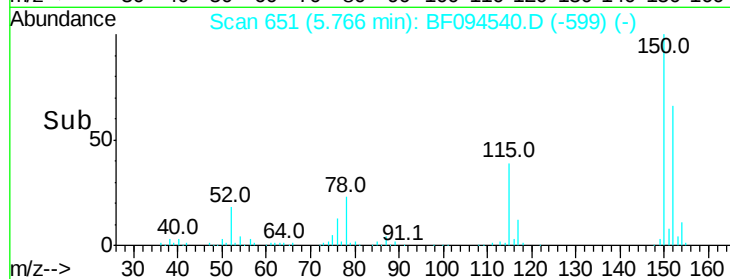
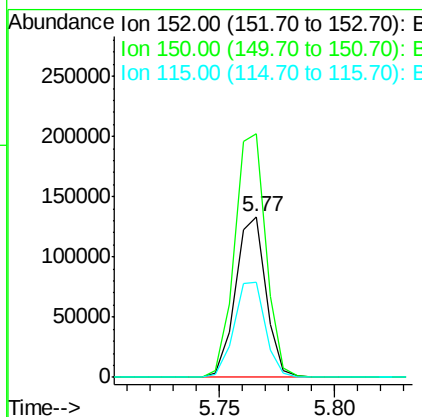
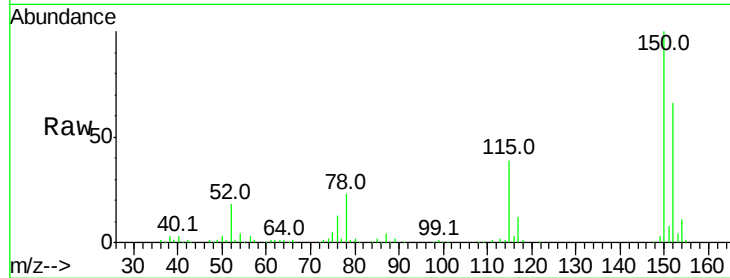




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094540.D
 Acq: 20 Apr 2017 13:10

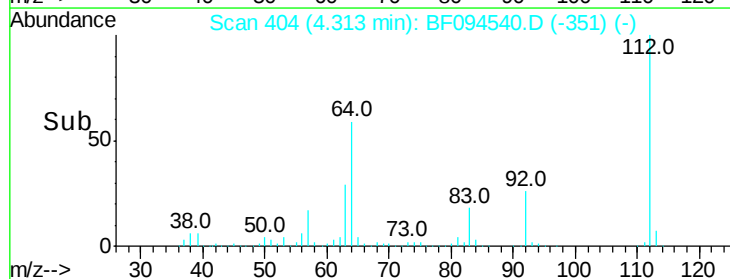
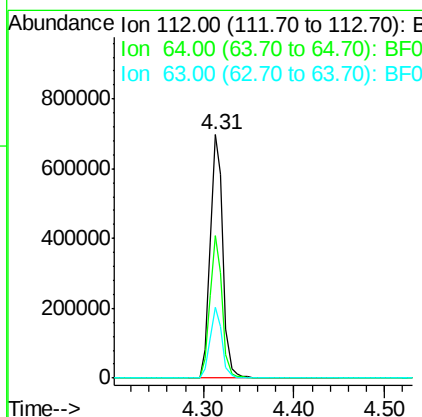
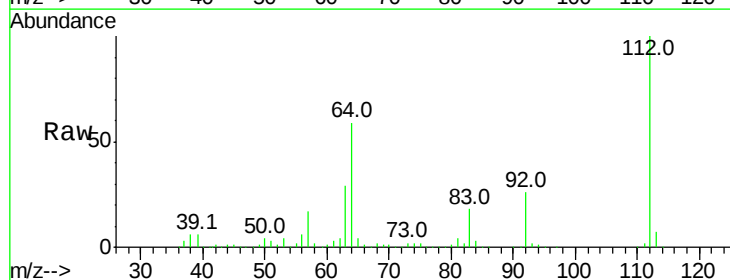
Instrument :
 BNA_F
 ClientSampled :

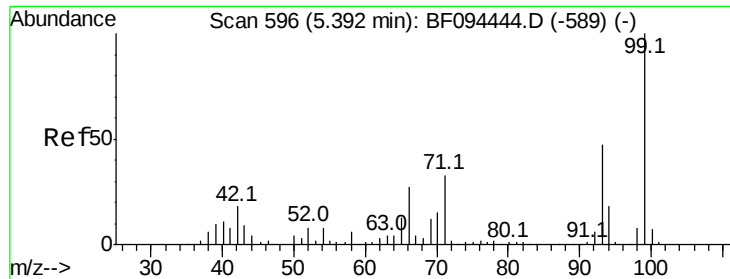
Tot Ion:152 Resp: 122993
 Ion Ratio Lower Upper
 152 100
 150 151.3 126.2 189.2
 115 59.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 93.32 ng
 RT: 4.31 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF094540.D
 Acq: 20 Apr 2017 13:10

Tgt Ion:112 Resp: 691792
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.0 69.0
 63 29.2 23.4 35.0





#7

Phenol-d6

Concen: 101.07 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094540.D

Acq: 20 Apr 2017 13:10

Instrument :

BNA_F

ClientSampled :

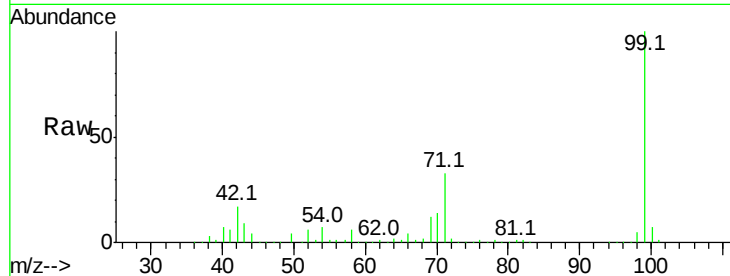
Tot Ion: 99 Resp: 883363

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

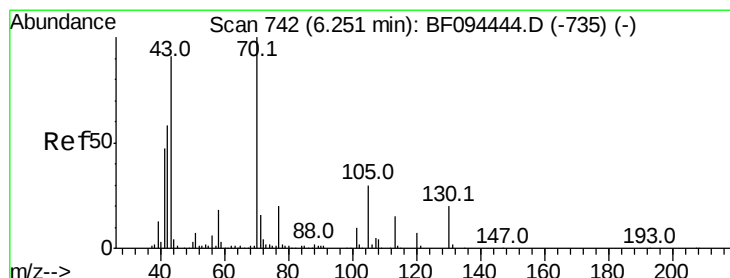
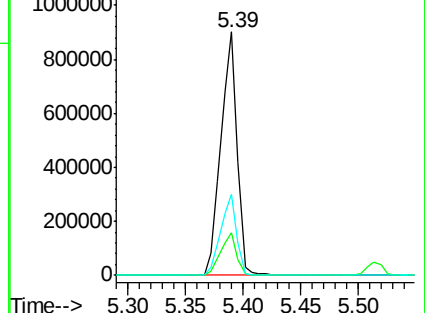
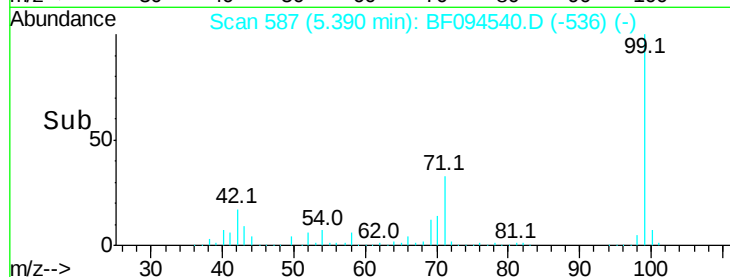
71 33.3 24.5 36.7



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: 12.11 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094540.D

Acq: 20 Apr 2017 13:10

Tgt Ion: 70 Resp: 70152

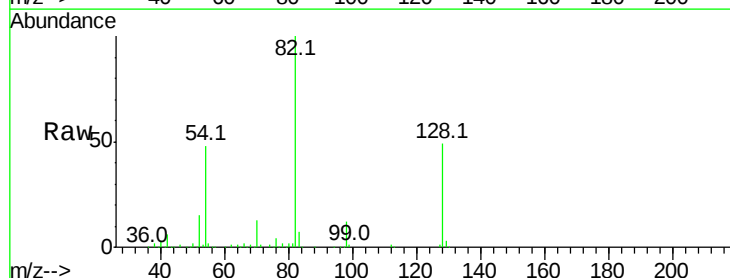
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

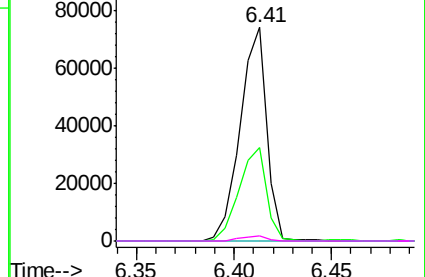
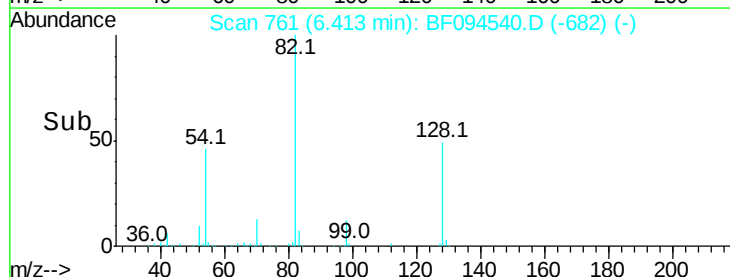


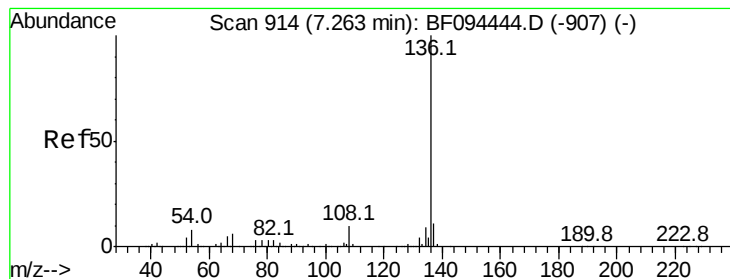
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094540.D

Acq: 20 Apr 2017 13:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 484074

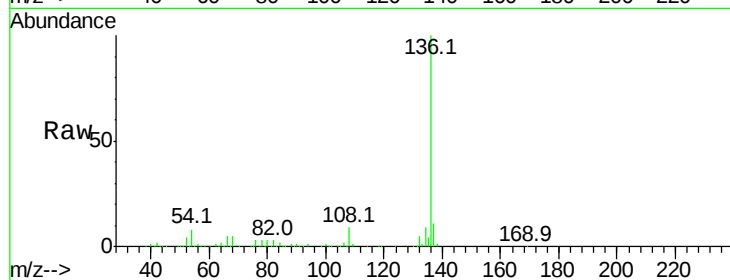
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 5.3 4.1 6.1

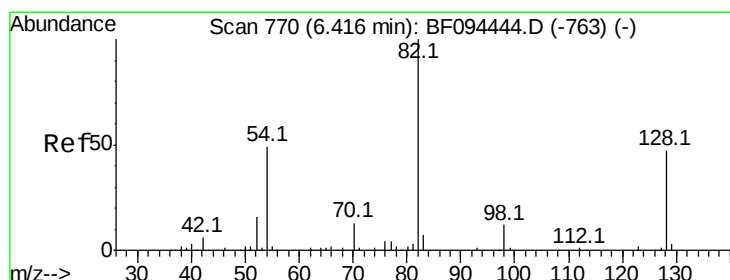
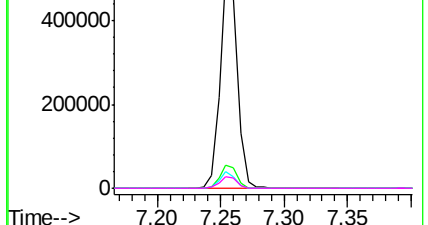
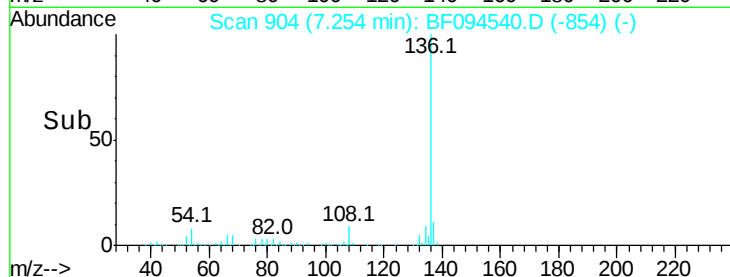


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.76 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094540.D

Acq: 20 Apr 2017 13:10

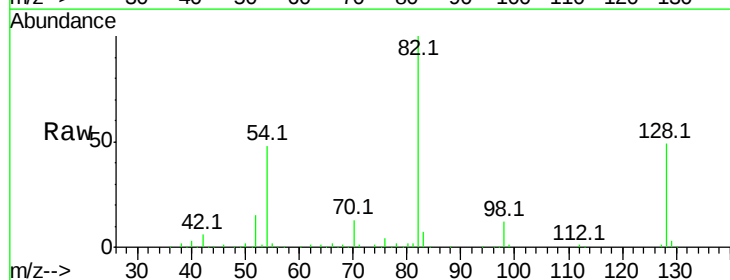
Tgt Ion: 82 Resp: 531194

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

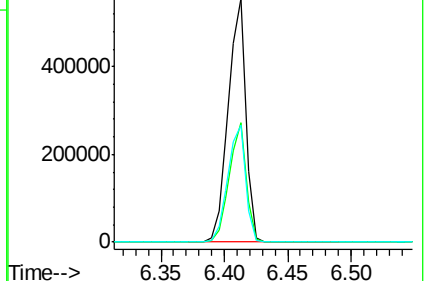
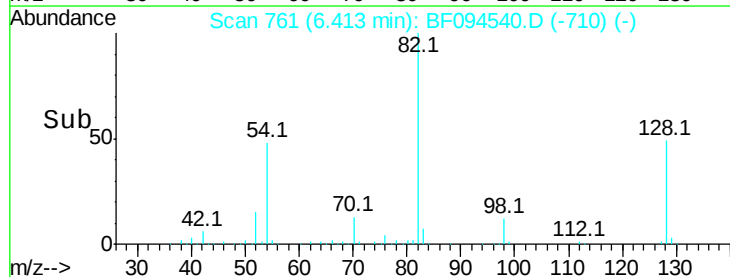
54 47.8 42.2 63.2



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

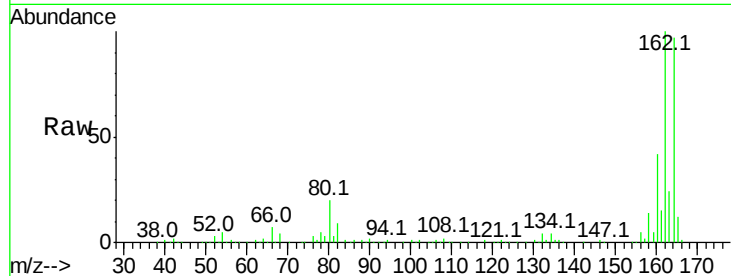




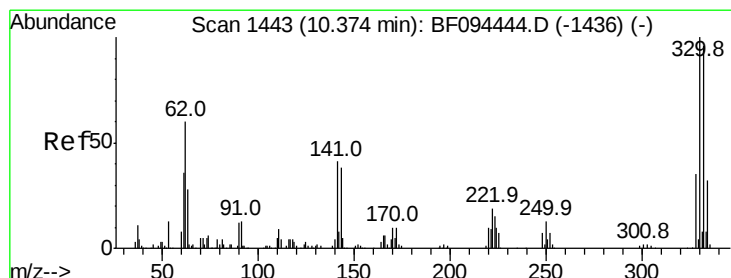
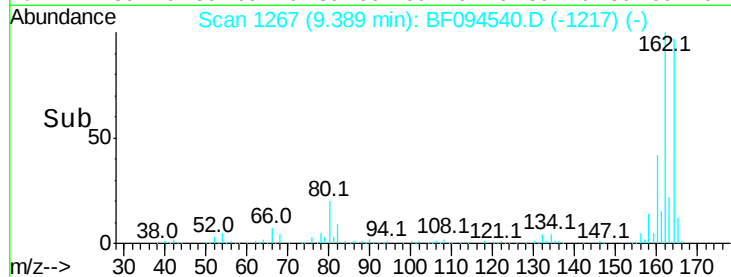
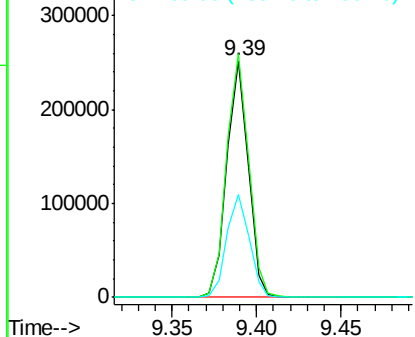
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094540.D
 Acq: 20 Apr 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 223340
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 43.6 36.2 54.2

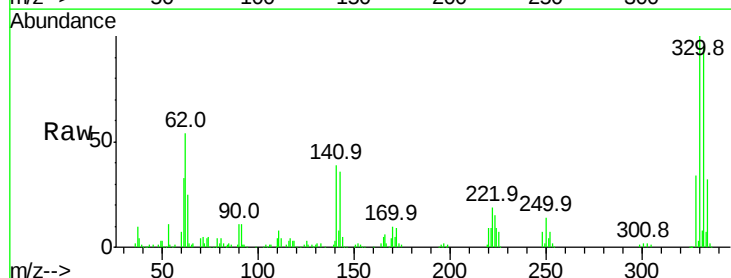


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

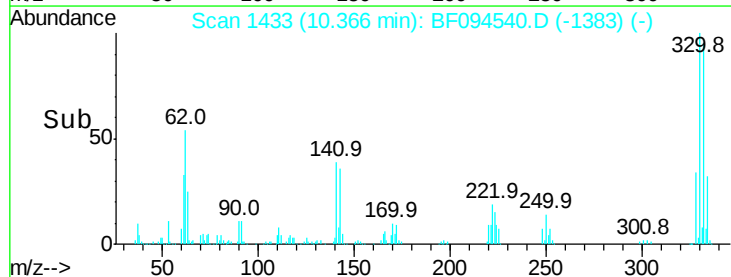
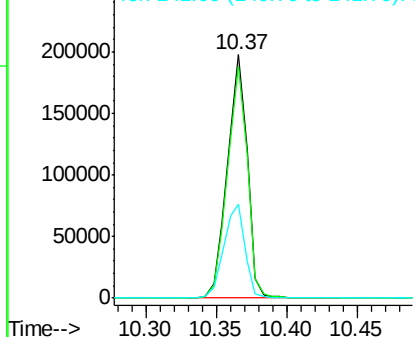


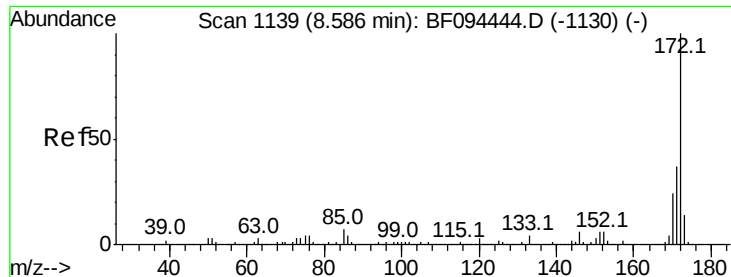
#41
 2,4,6-Tribromophenol
 Concen: 111.36 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094540.D
 Acq: 20 Apr 2017 13:10

Tgt Ion:330 Resp: 194545
 Ion Ratio Lower Upper
 330 100
 332 95.8 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

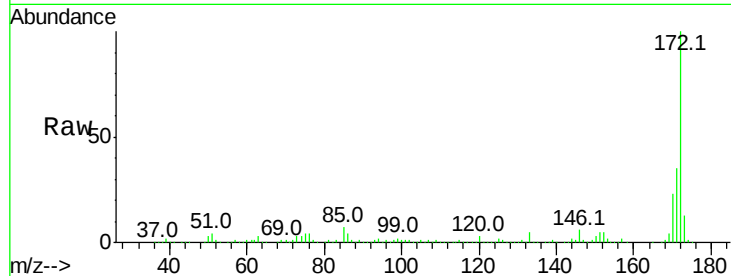




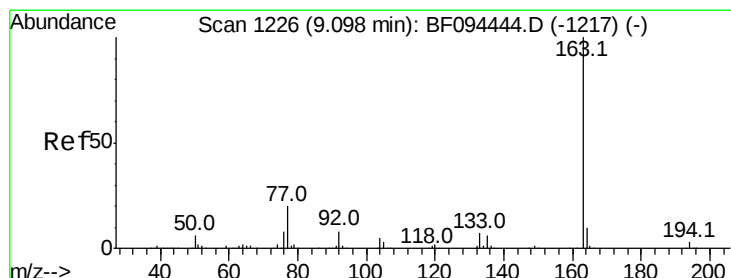
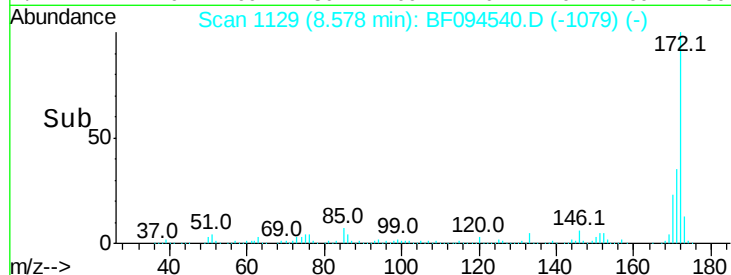
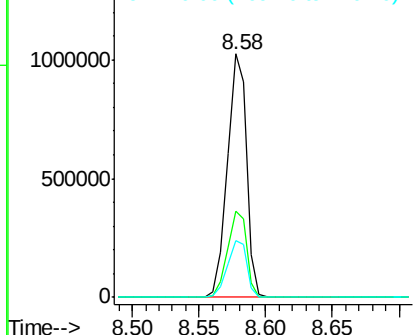
#44
2-Fluorobiphenyl
Concen: 68.60 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094540.D
Acq: 20 Apr 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1041330
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.5 19.8 29.8

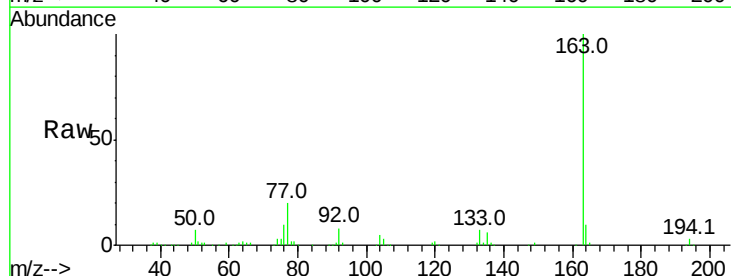


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

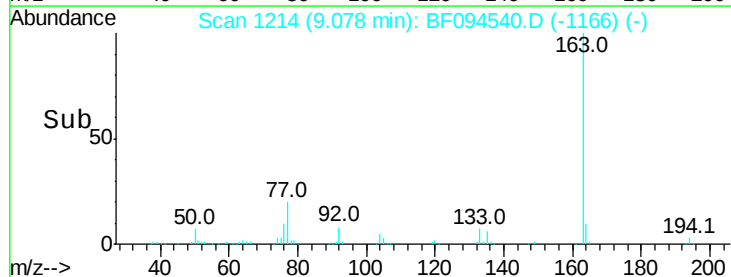
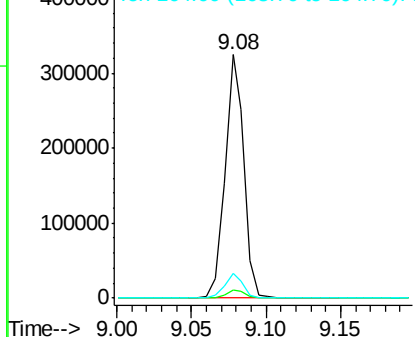


#49
Dimethylphthalate
Concen: 17.31 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094540.D
Acq: 20 Apr 2017 13:10

Tgt Ion:163 Resp: 288037
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

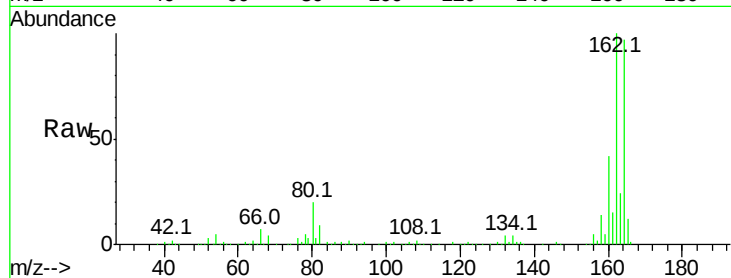




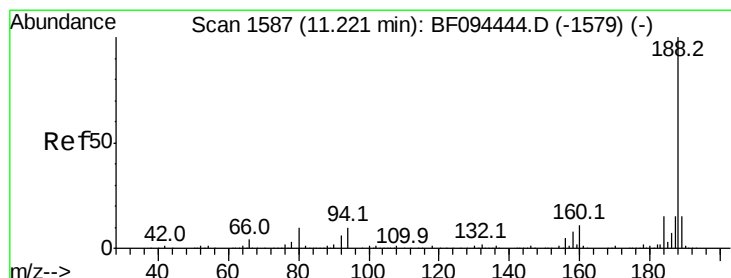
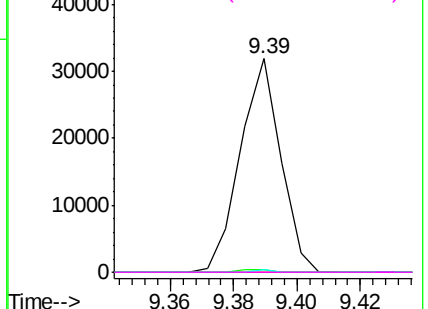
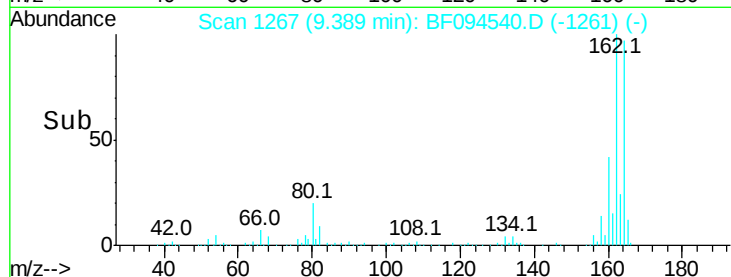
#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094540.D
 Acq: 20 Apr 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28208
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#

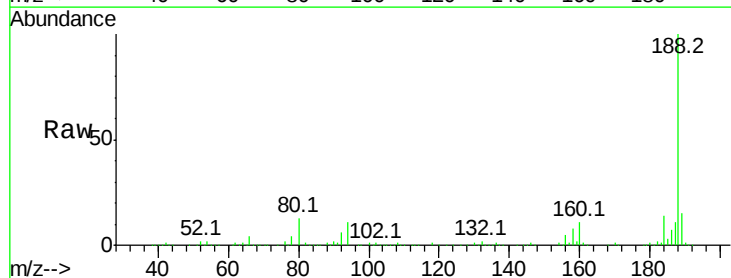


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

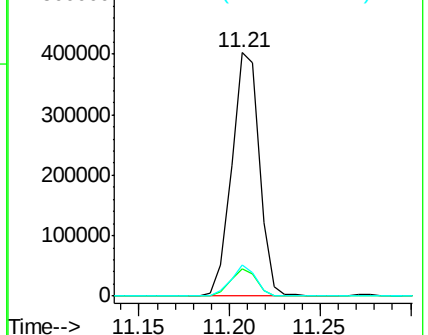
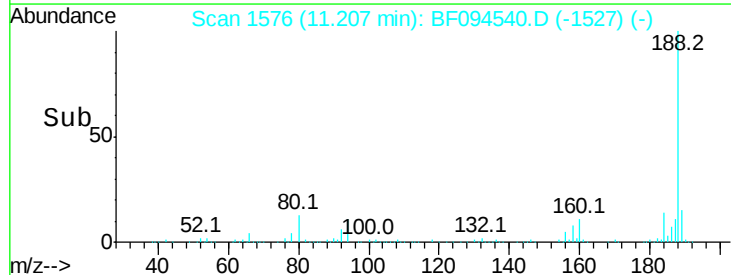


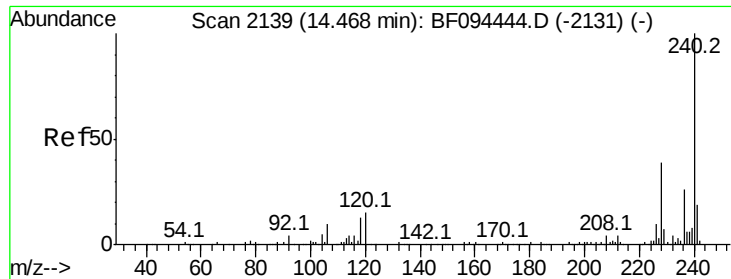
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094540.D
 Acq: 20 Apr 2017 13:10

Tgt Ion:188 Resp: 426224
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 12.8 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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094540.D

Acq: 20 Apr 2017 13:10

Instrument :

BNA_F

ClientSampleId :

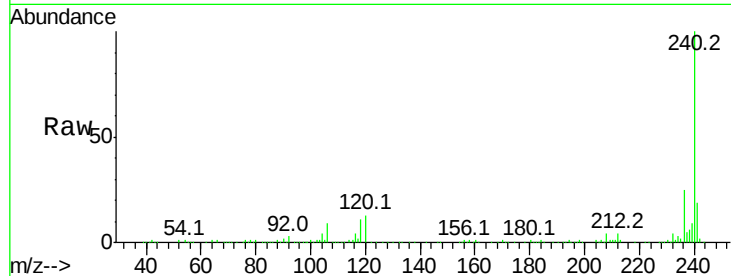
Tot Ion:240 Resp: 372347

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

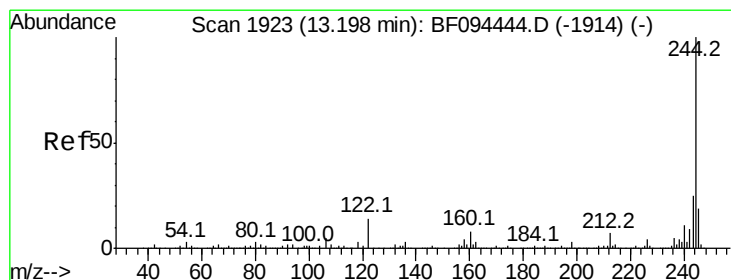
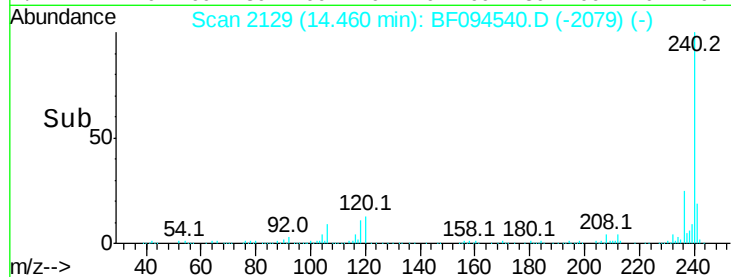
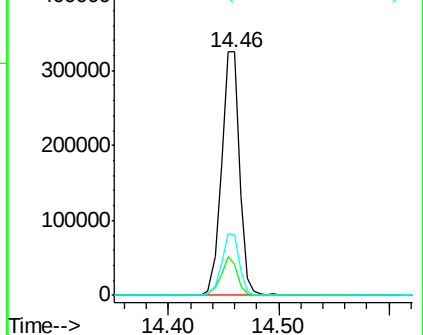
236 24.7 20.5 30.7



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: 72.20 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094540.D

Acq: 20 Apr 2017 13:10

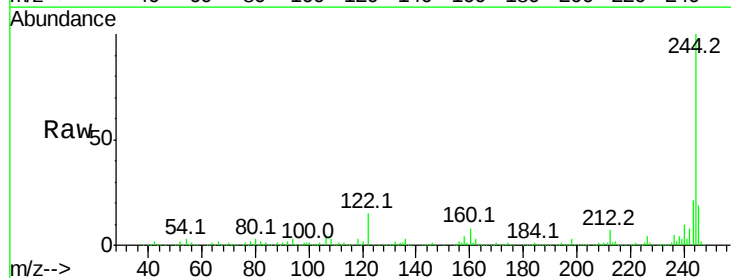
Tgt Ion:244 Resp: 1005751

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

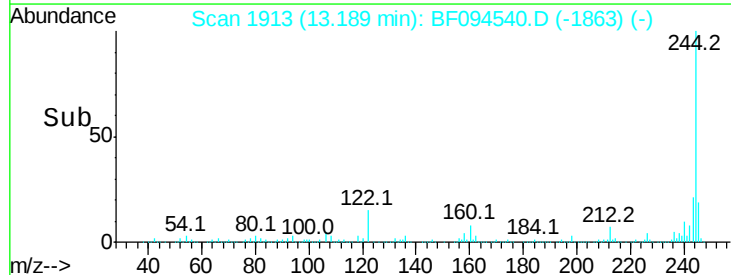
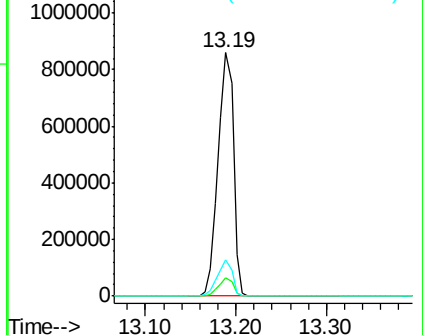
122 14.8 10.3 15.5

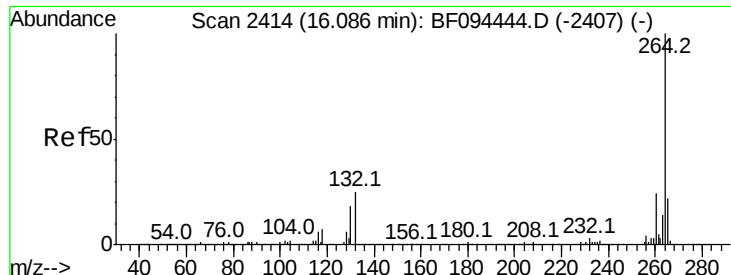


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

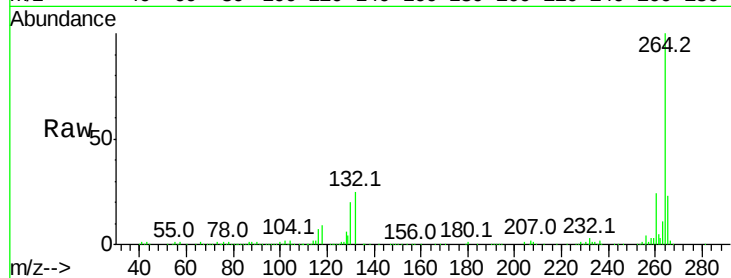




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094540.D
Acq: 20 Apr 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	23.4	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

