

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094550.D
 Acq On : 20 Apr 2017 17:47
 Operator : SJ/MA
 Sample : I2744-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:03:41 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

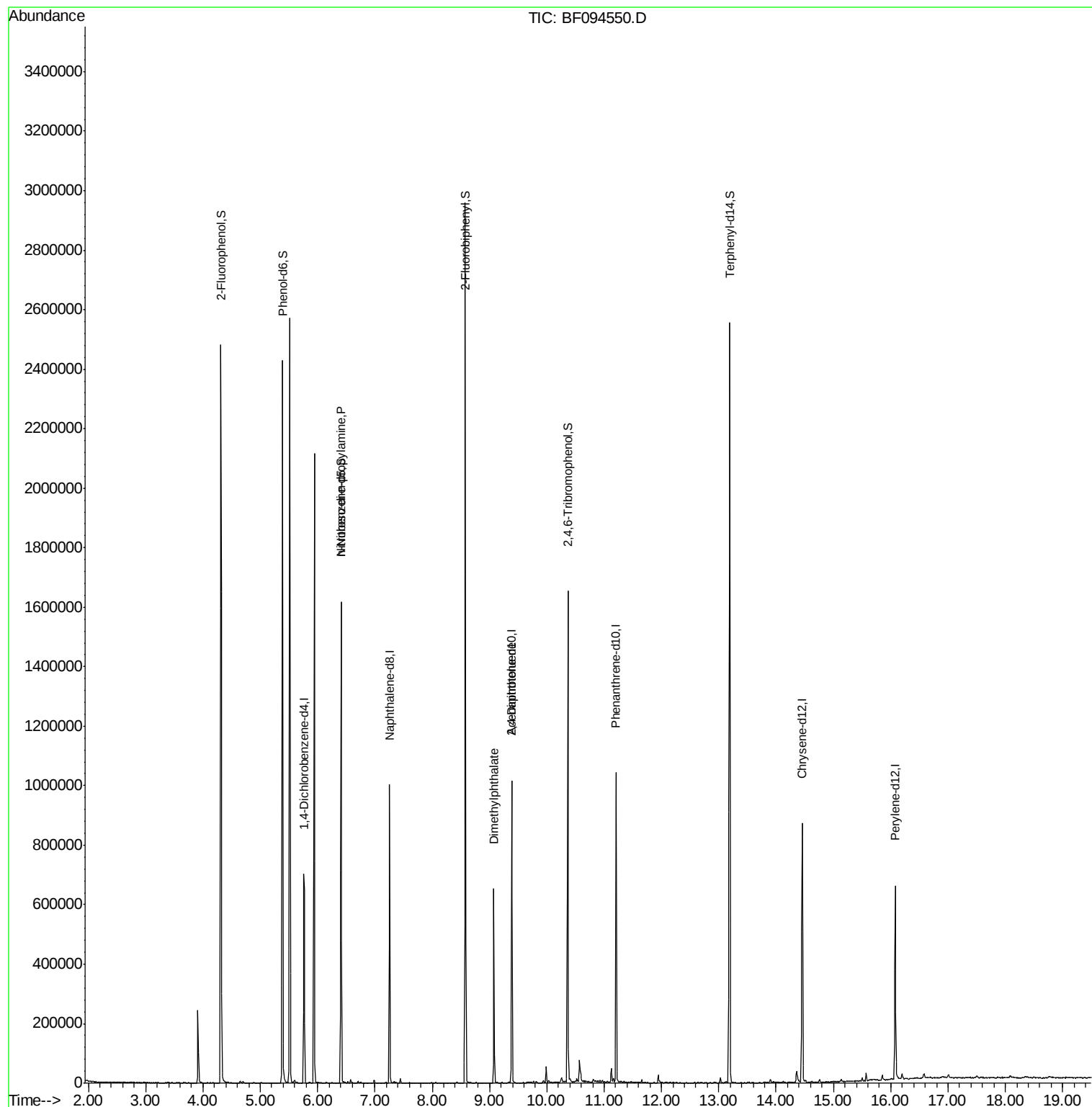
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	114882	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	465498	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	213795	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	411638	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	362570	20.00	ng	-0.01
86) Perylene-d12	16.08	264	257335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	727736	105.10	ng	0.00
7) Phenol-d6	5.39	99	901155	110.39	ng	0.00
23) Nitrobenzene-d5	6.41	82	551075	73.10	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	199306	119.18	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1051006	72.33	ng	0.00
78) Terphenyl-d14	13.19	244	975823	71.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	71134	13.15	ng	# 76
49) Dimethylphthalate	9.08	163	279376	17.53	ng	98
56) 2,4-Dinitrotoluene	9.39	165	27204	6.20	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: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

BNA_F

ClientSampleId :

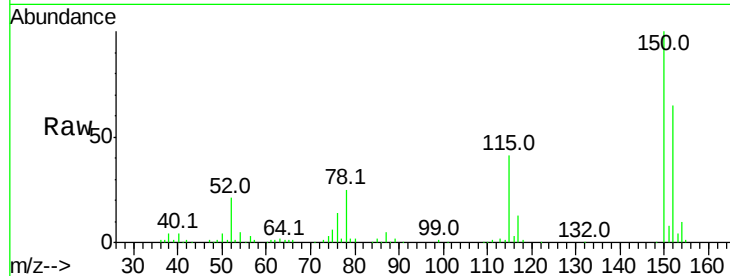
Tot Ion:152 Resp: 114882

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

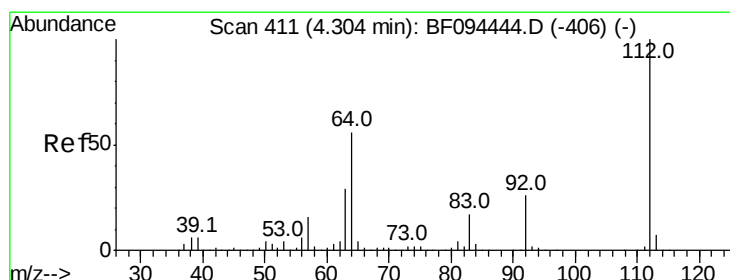
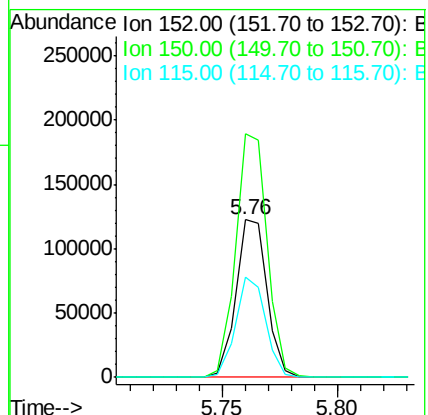
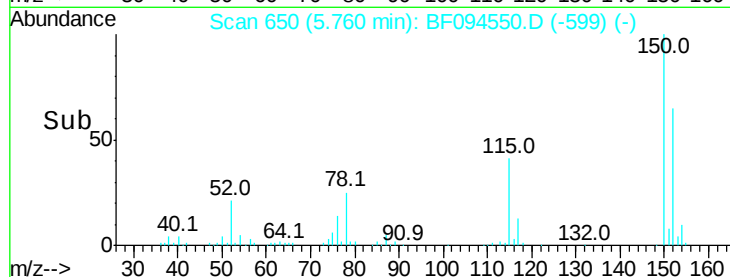
115 63.9 52.2 78.2



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: 105.10 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

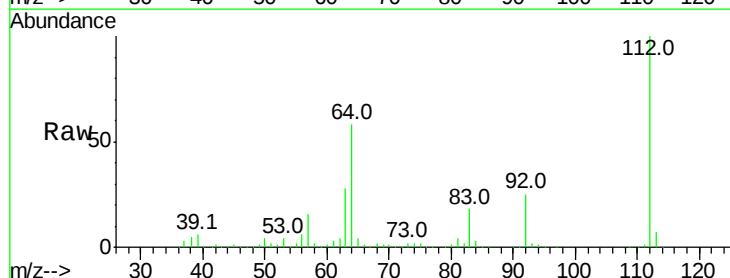
Tgt Ion:112 Resp: 727736

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

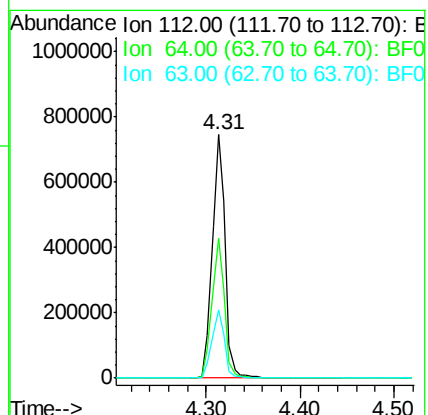
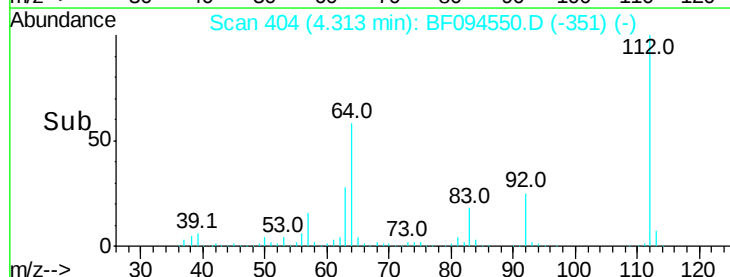
63 28.1 23.4 35.0

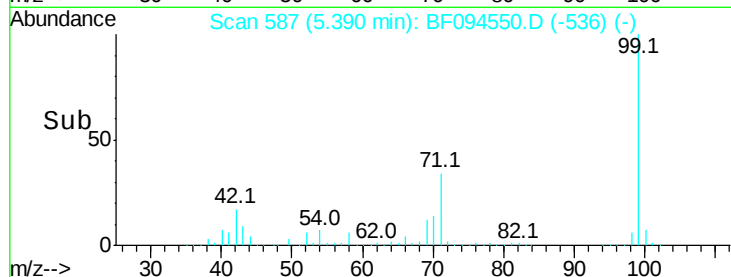
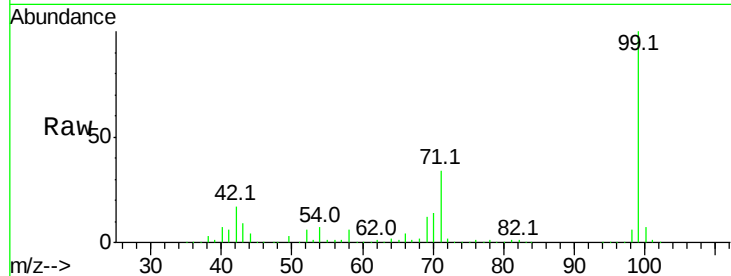
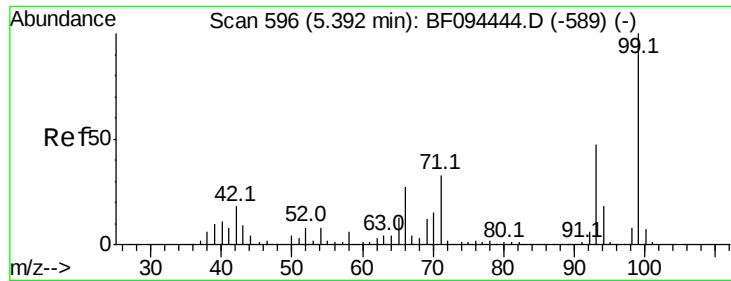


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.39 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

BNA_F

ClientSampled :

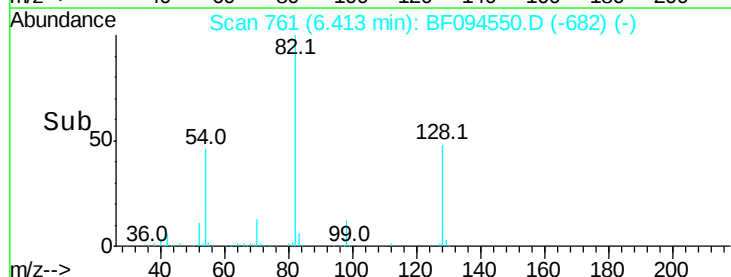
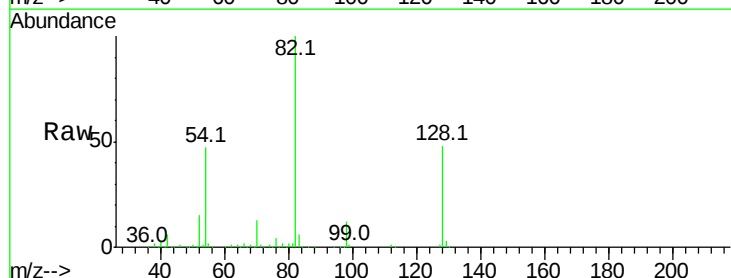
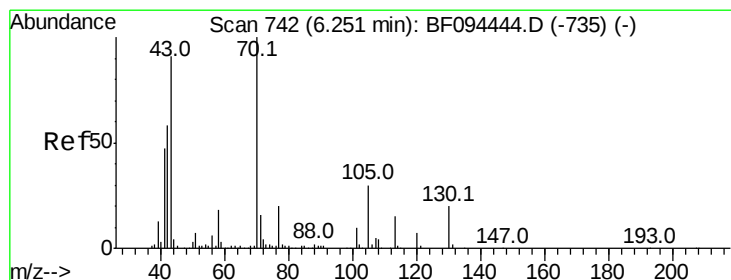
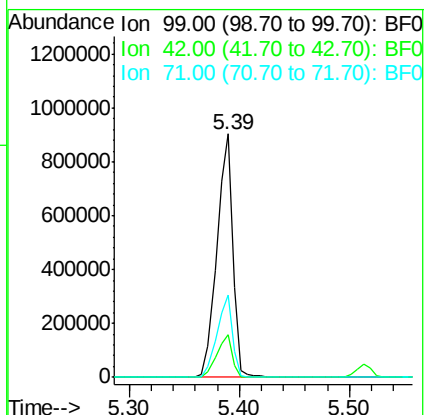
Tot Ion: 99 Resp: 901155

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 33.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.15 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Tgt Ion: 70 Resp: 71134

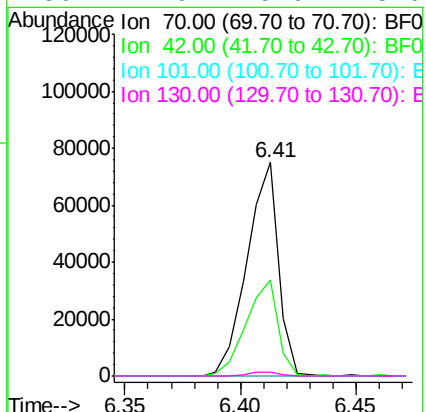
Ion Ratio Lower Upper

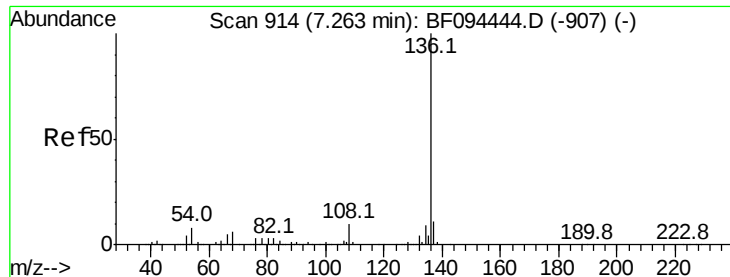
70 100

42 44.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 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: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 465498

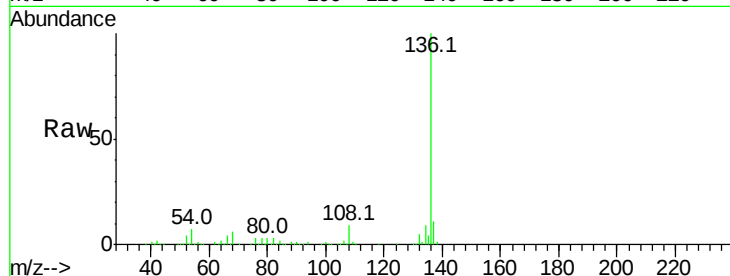
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1

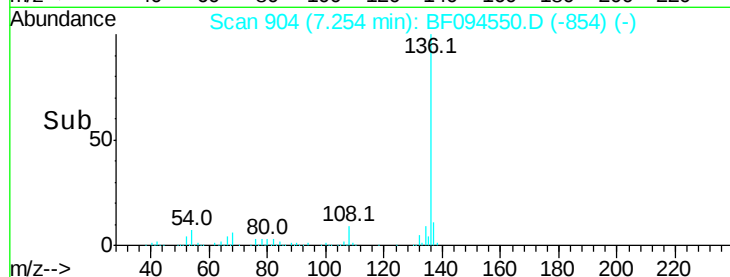


Abundance Ion 136.00 (135.70 to 136.70): E

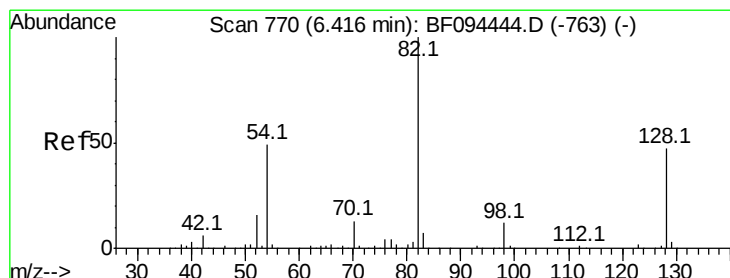
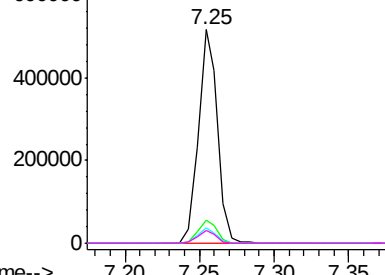
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 73.10 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

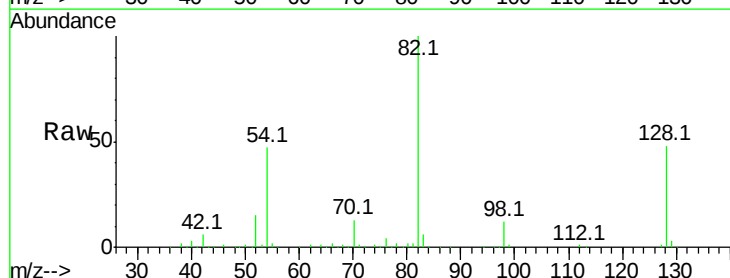
Tgt Ion: 82 Resp: 551075

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

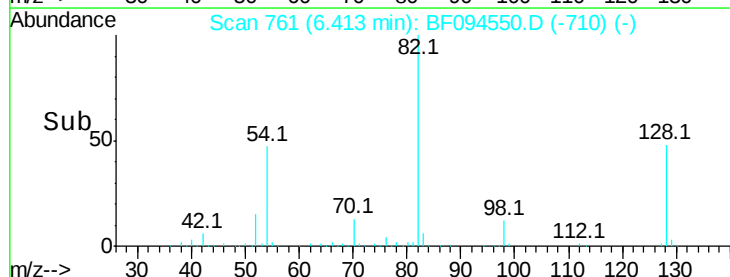
54 47.0 42.2 63.2



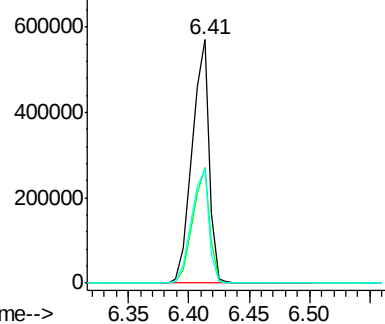
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

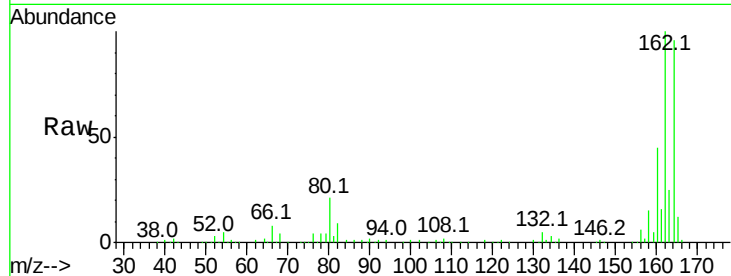




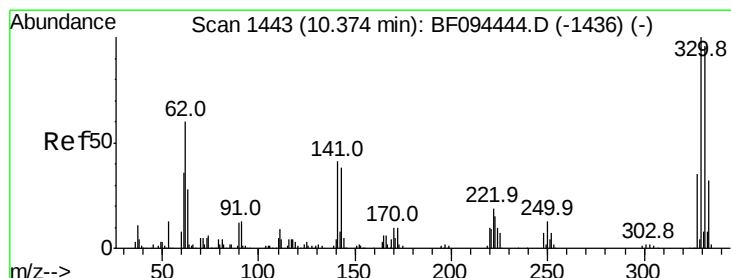
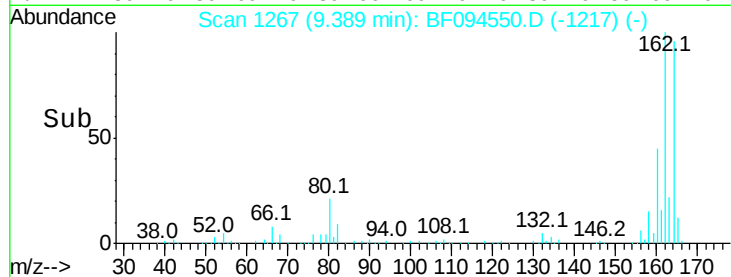
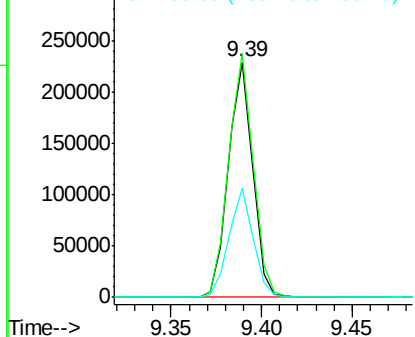
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 213795
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 46.5 36.2 54.2

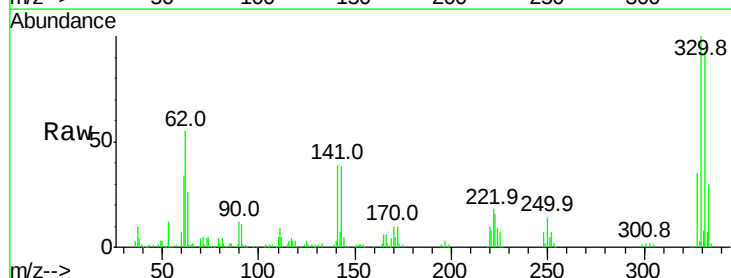


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

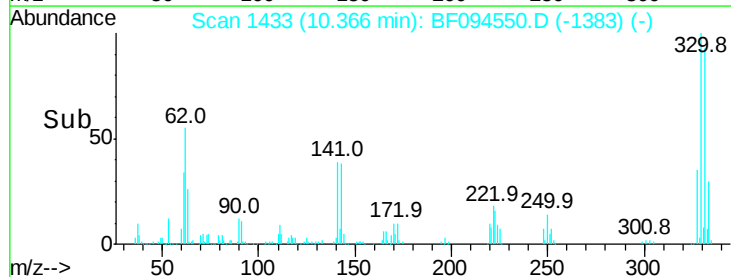
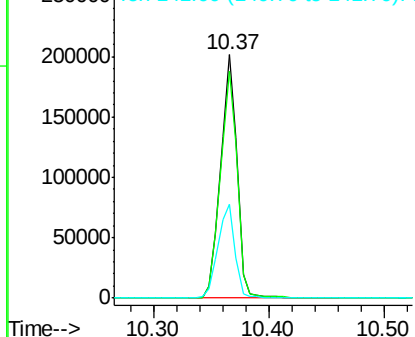


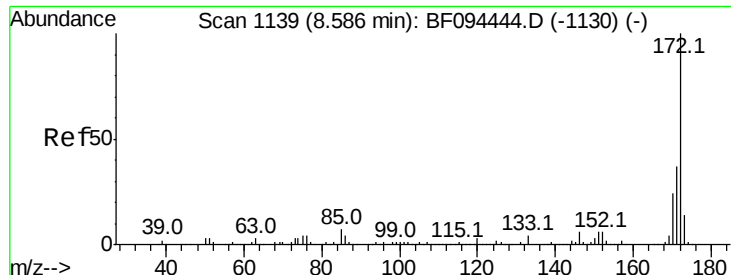
#41
2,4,6-Tribromophenol
Concen: 119.18 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

Tgt Ion:330 Resp: 199306
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 39.8 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

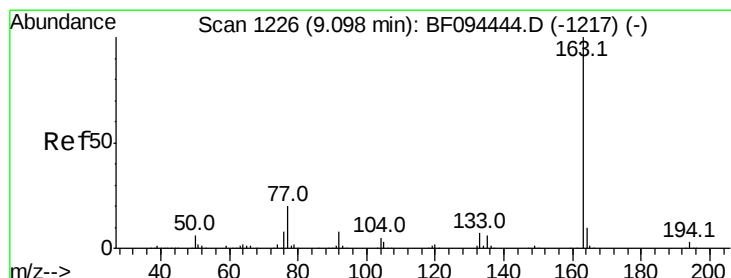
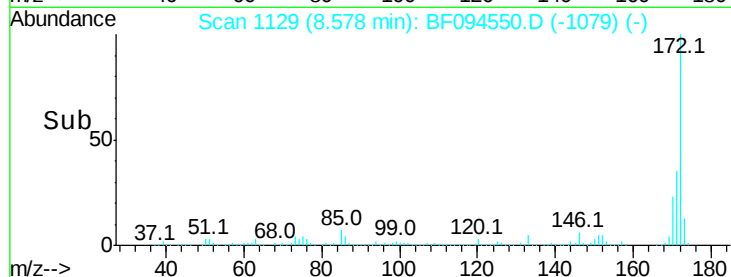
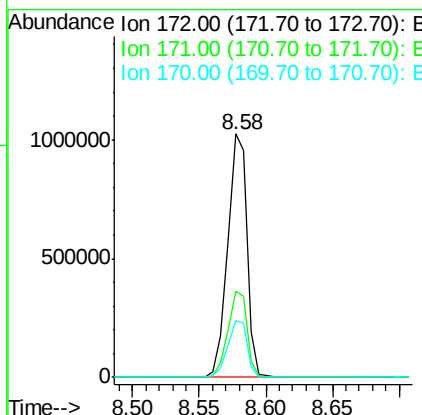
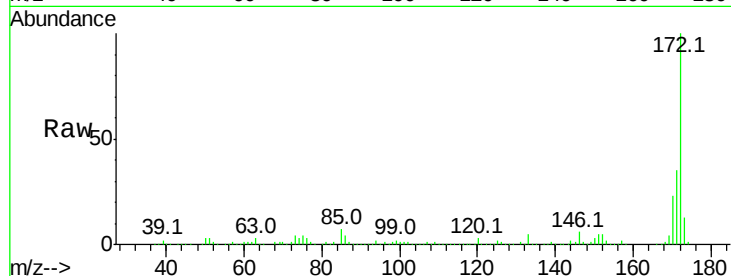




#44
2-Fluorobiphenyl
Concen: 72.33 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

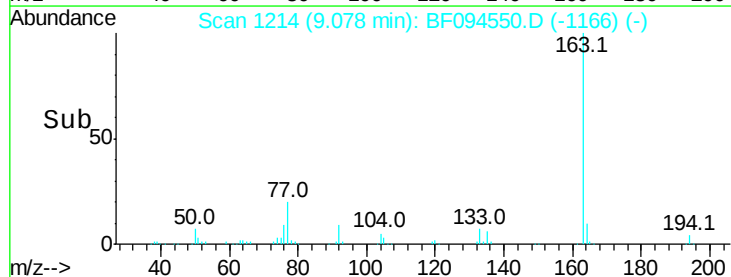
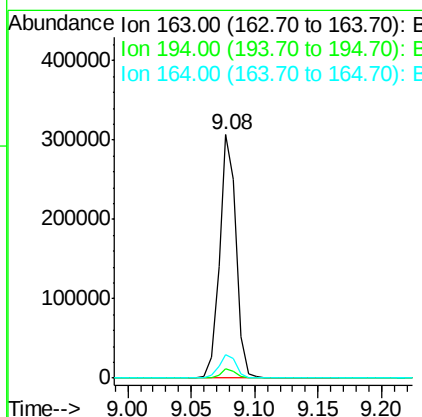
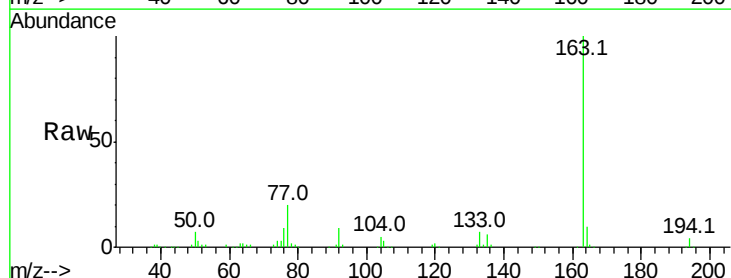
Instrument :
BNA_F
ClientSampleId :

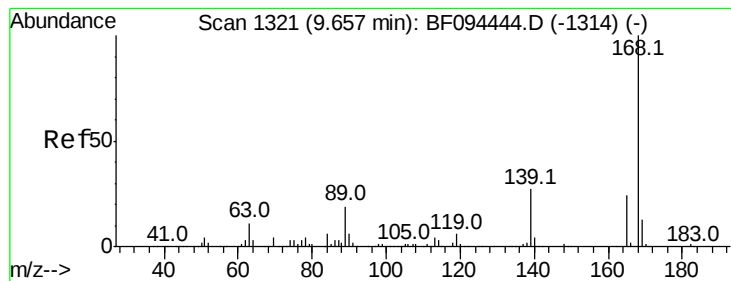
Tot Ion:172 Resp: 1051006
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 17.53 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

Tgt Ion:163 Resp: 279376
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.4 12.6

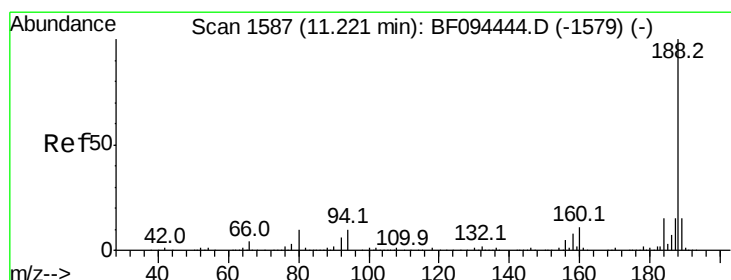
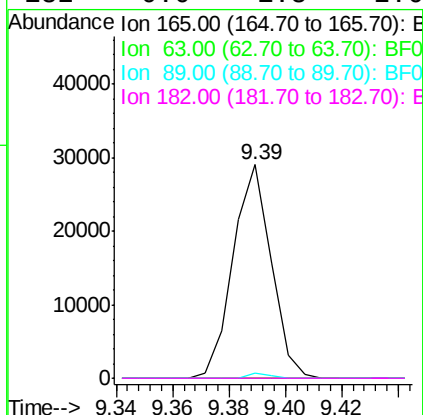
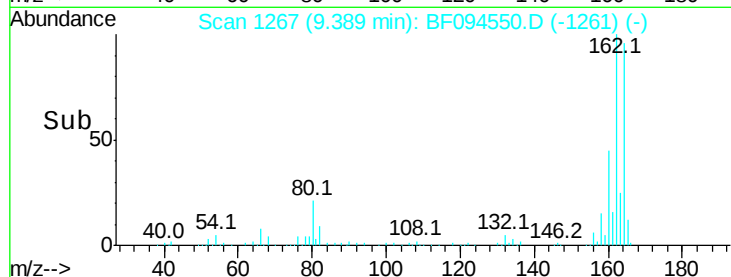
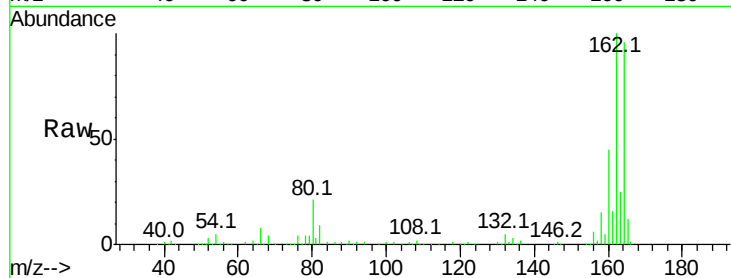




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094550.D
 Acq: 20 Apr 2017 17:47

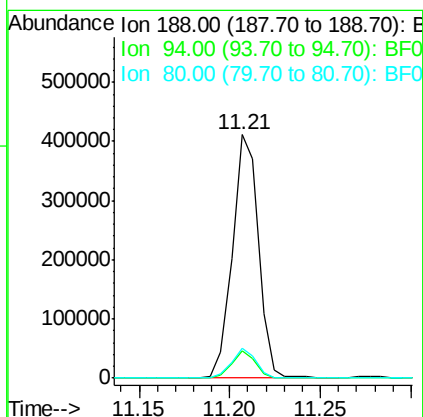
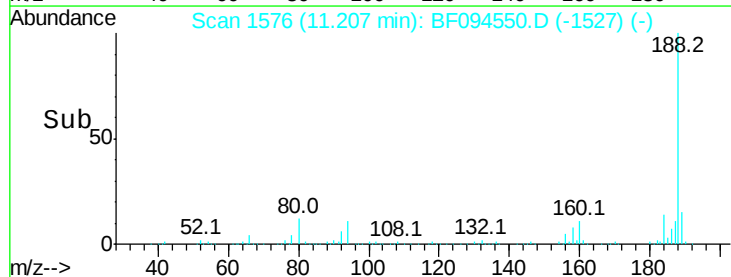
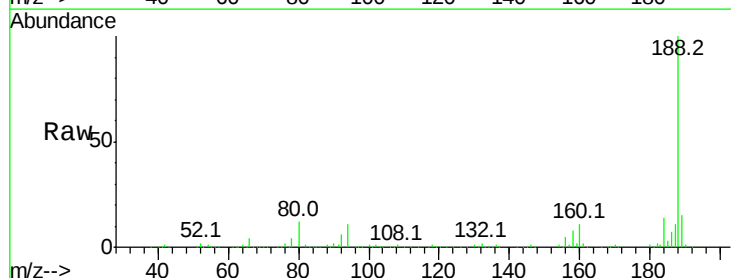
Instrument :
 BNA_F
 ClientSampleId :

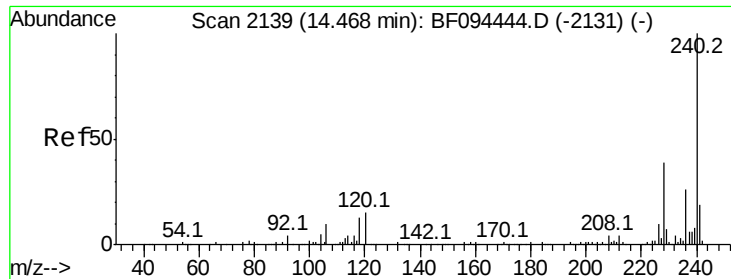
Tot Ion:165 Resp: 27204
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 2.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094550.D
 Acq: 20 Apr 2017 17:47

Tgt Ion:188 Resp: 411638
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 12.1 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: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

BNA_F

ClientSampleId :

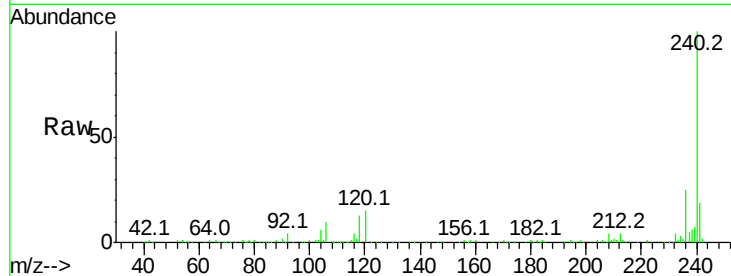
Tot Ion:240 Resp: 362570

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

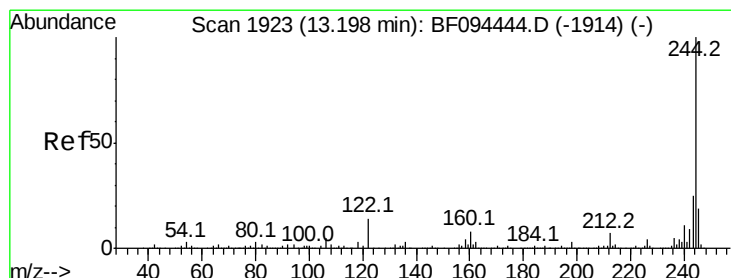
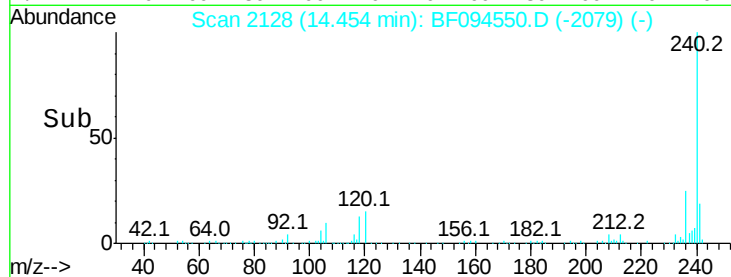
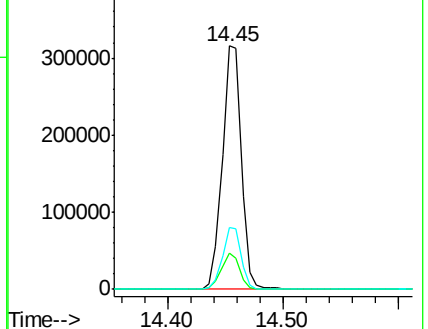
236 25.3 20.5 30.7



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: 71.94 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

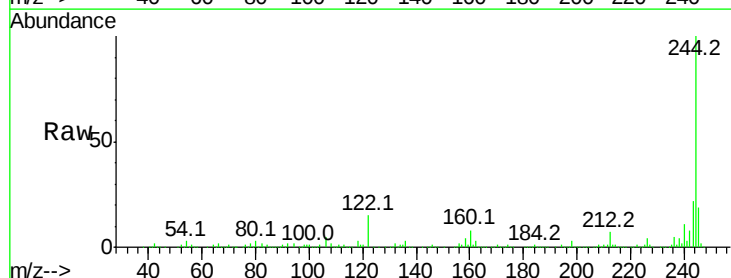
Tgt Ion:244 Resp: 975823

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

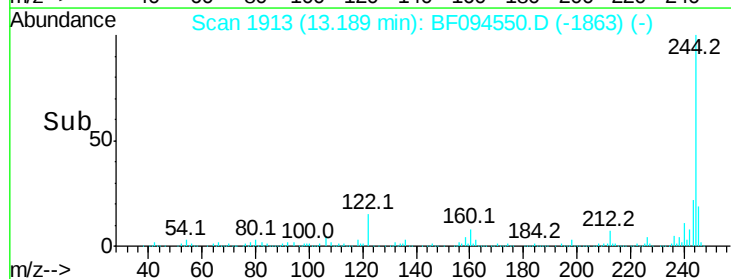
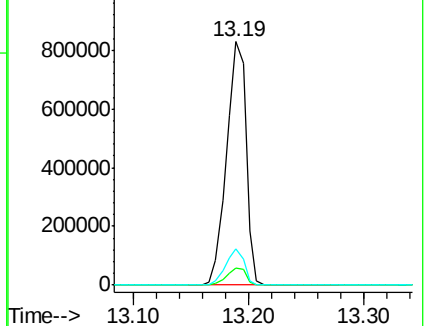
122 14.7 10.3 15.5

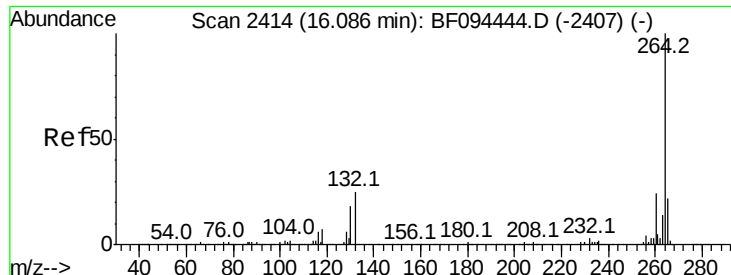


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

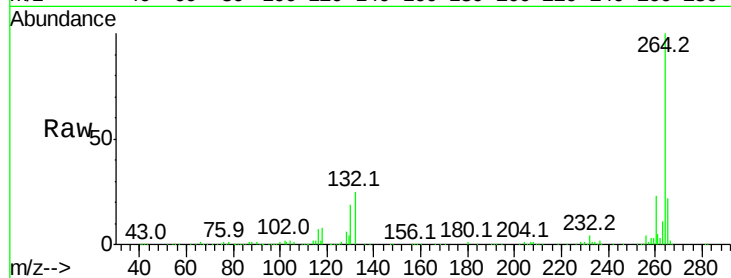




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094550.D
 Acq: 20 Apr 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	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

