

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094653.D
 Acq On : 26 Apr 2017 18:08
 Operator : SJ/MA
 Sample : I2832-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:24:18 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

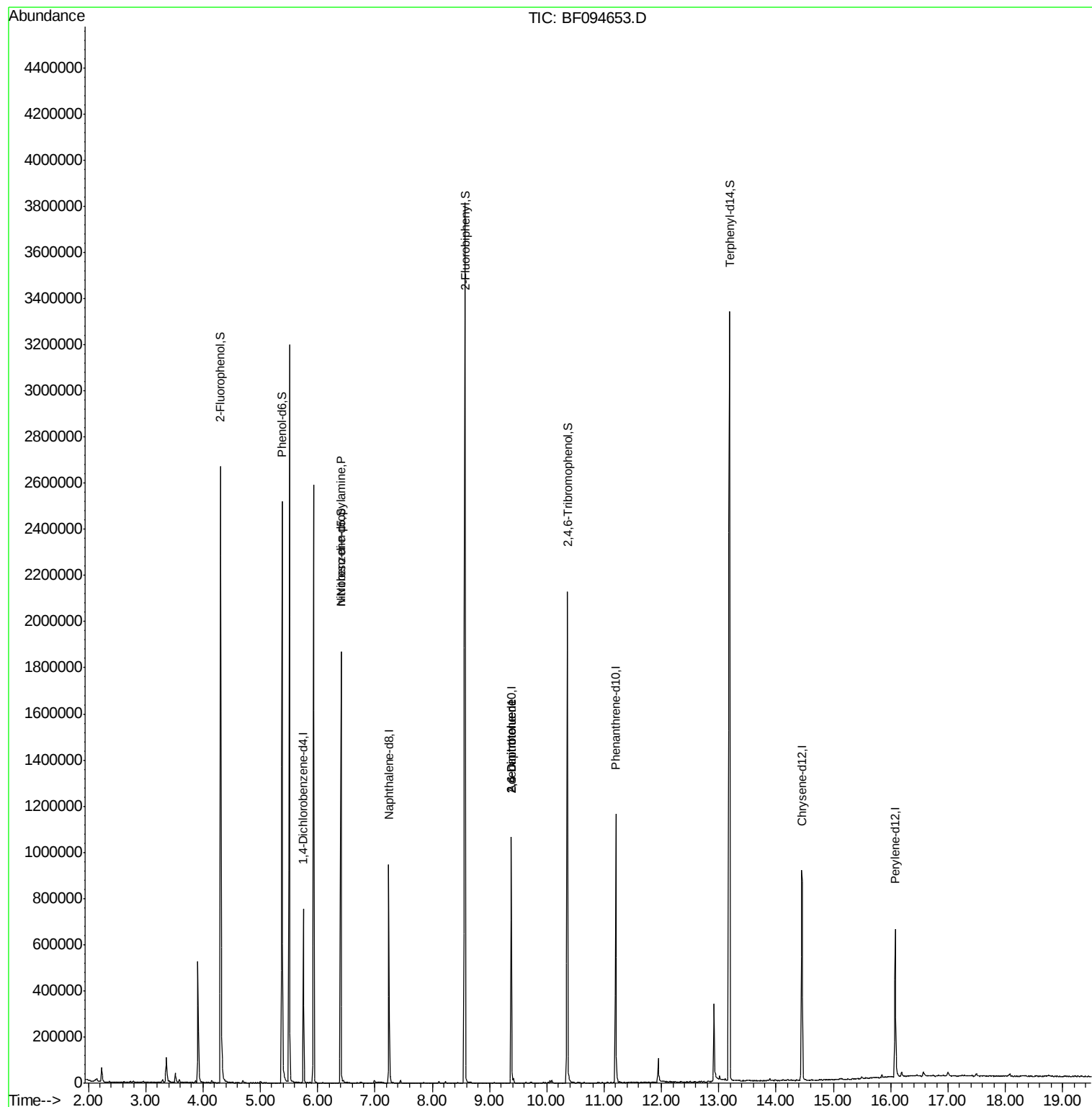
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	116540	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	483926	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	234612	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	465688	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	386776	20.00	ng	-0.01
86) Perylene-d12	16.08	264	277176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	874608	124.51	ng	0.00
7) Phenol-d6	5.38	99	1017663	122.89	ng	0.00
23) Nitrobenzene-d5	6.41	82	719459	91.80	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	300585	163.80	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1374733	86.21	ng	-0.01
78) Terphenyl-d14	13.19	244	1421081	98.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	95396	17.39	ng	# 74
50) 2,6-Dinitrotoluene	9.38	165	29331	7.47	ng	# 34
56) 2,4-Dinitrotoluene	9.38	165	29330	6.09	ng	# 34

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

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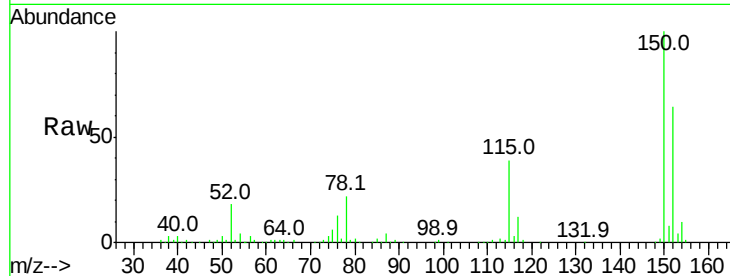


#1

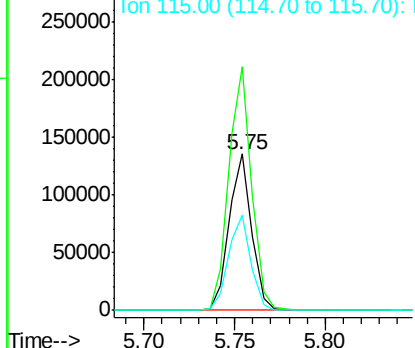
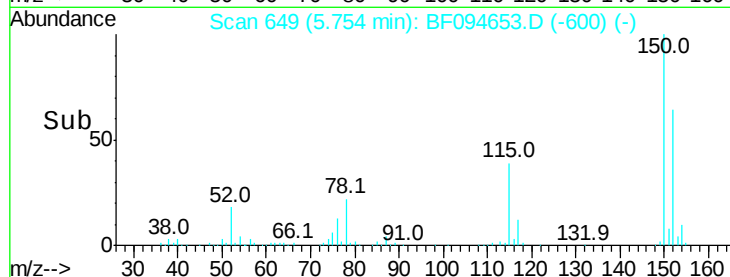
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094653.D
Acq: 26 Apr 2017 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116540
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.1 52.2 78.2



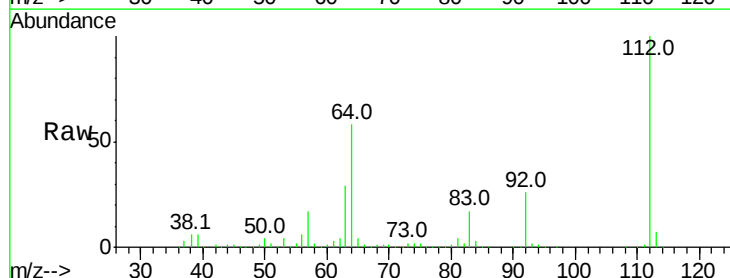
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



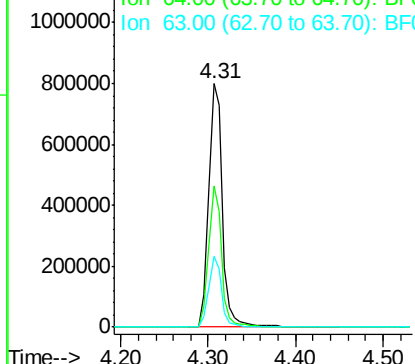
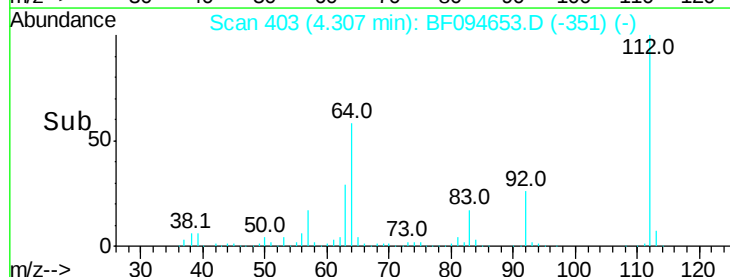
#5

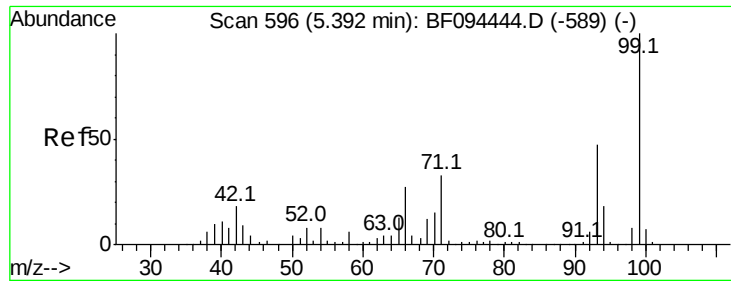
2-Fluorophenol
Concen: 124.51 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094653.D
Acq: 26 Apr 2017 18:08

Tgt Ion:112 Resp: 874608
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.0 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: 122.89 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

Instrument :

BNA_F

ClientSampleId :

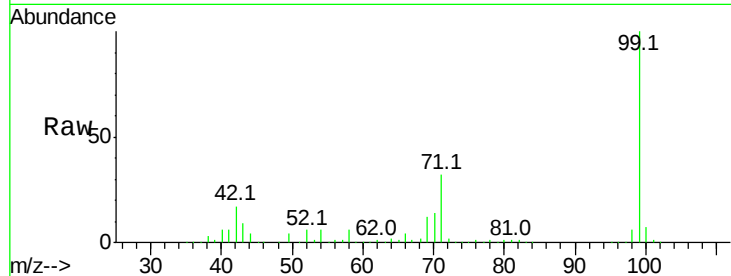
Tot Ion: 99 Resp: 1017663

Ion Ratio Lower Upper

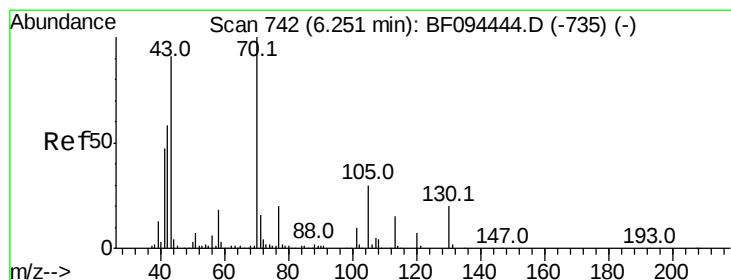
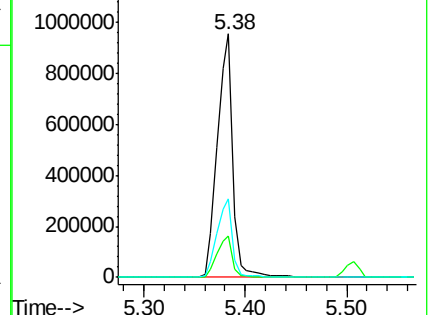
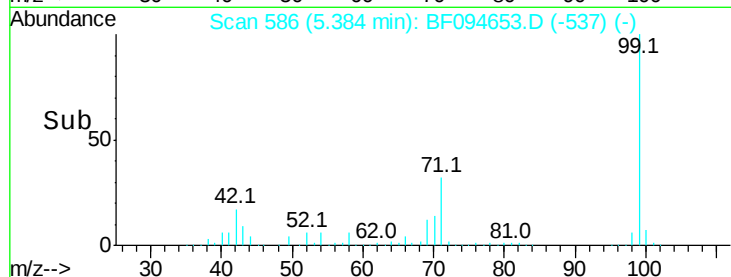
99 100

42 16.8 13.5 20.3

71 32.4 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: 17.39 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

Tgt Ion: 70 Resp: 95396

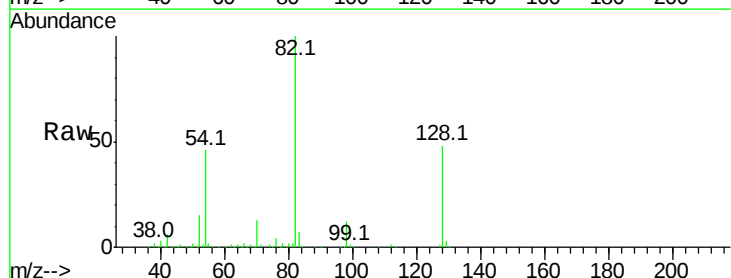
Ion Ratio Lower Upper

70 100

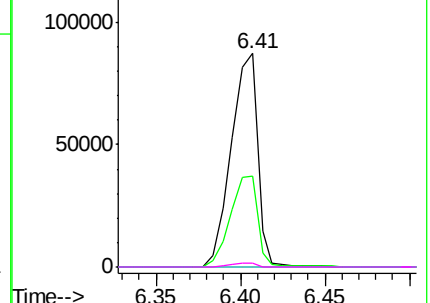
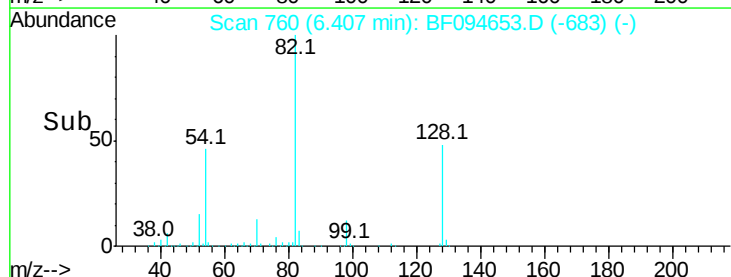
42 42.5 47.2 70.8#

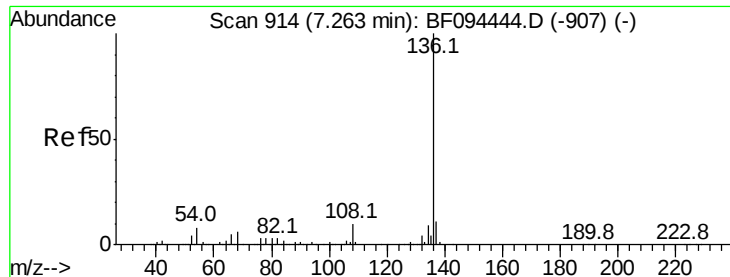
101 0.0 7.2 10.8#

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): 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: BF094653.D

Acq: 26 Apr 2017 18:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 483926

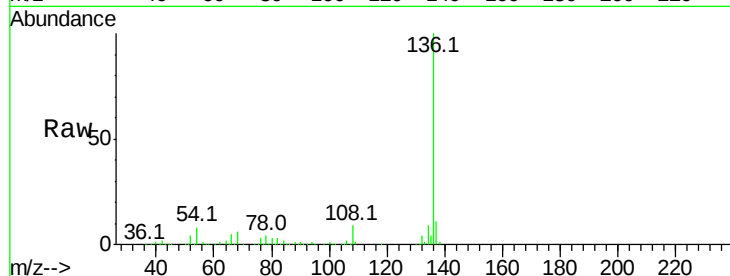
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 6.0 4.1 6.1

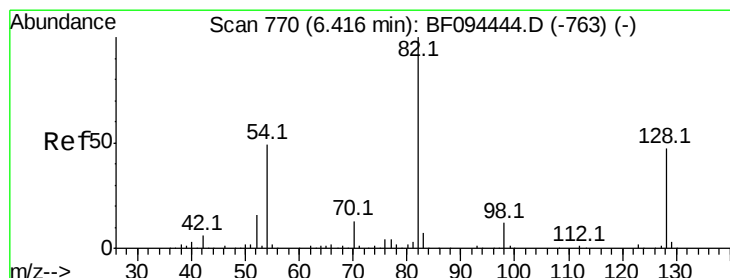
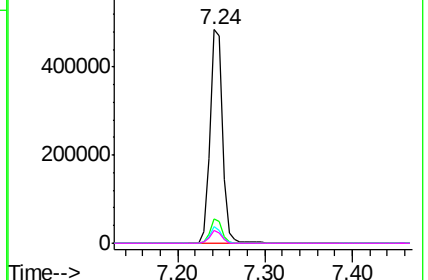
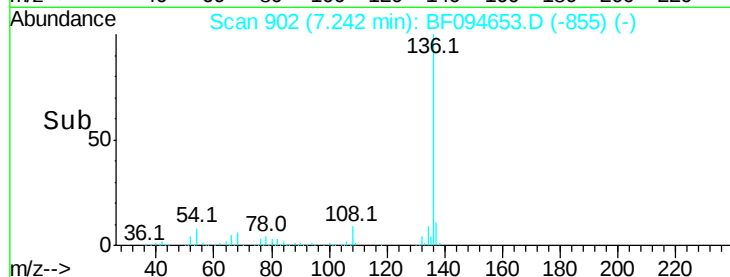


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.80 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

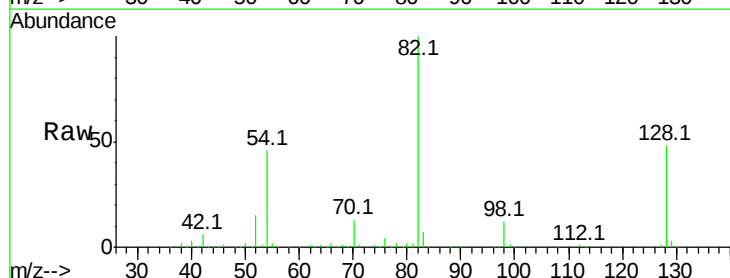
Tgt Ion: 82 Resp: 719459

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

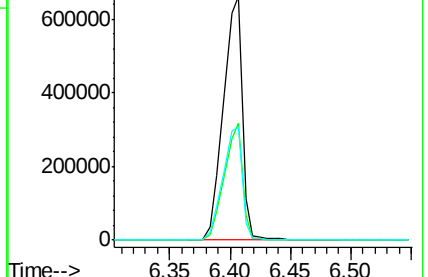
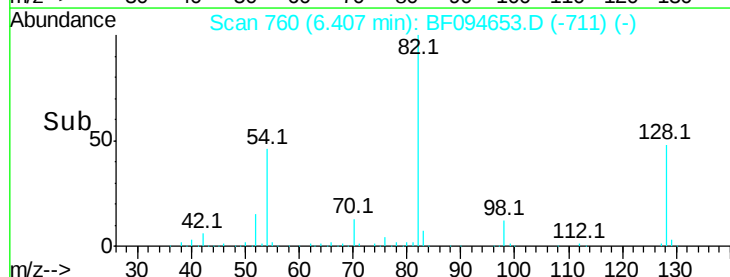
54 46.4 42.2 63.2



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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

Instrument :

BNA_F

ClientSampleId :

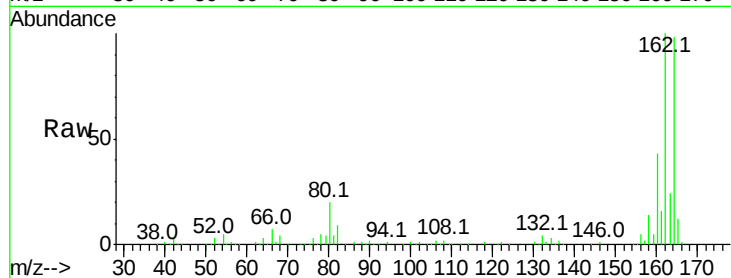
Tot Ion:164 Resp: 234612

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

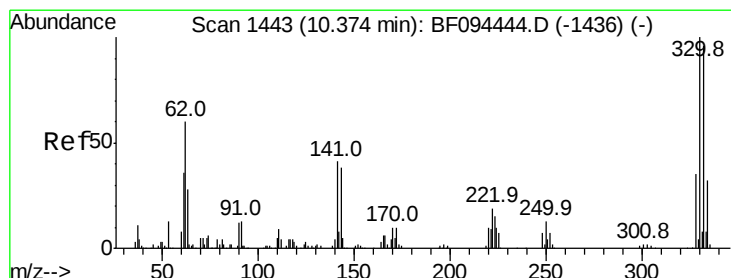
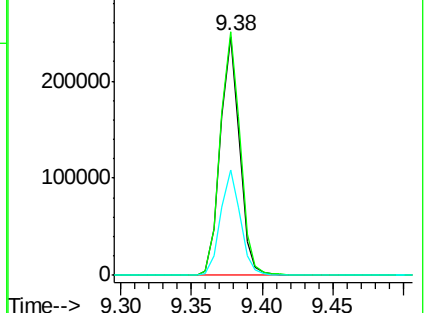
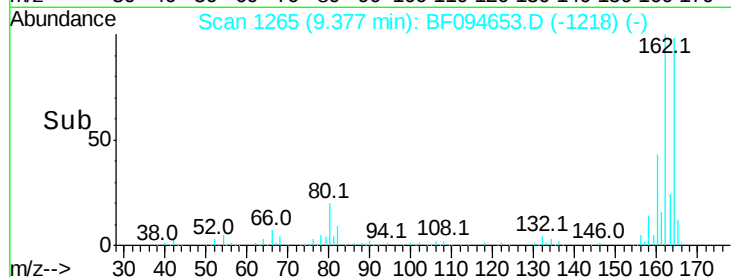
160 44.3 36.2 54.2



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: 163.80 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

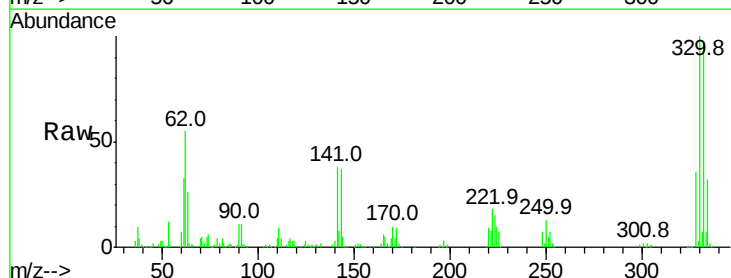
Tgt Ion:330 Resp: 300585

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

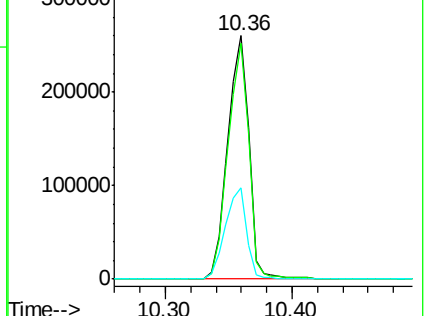
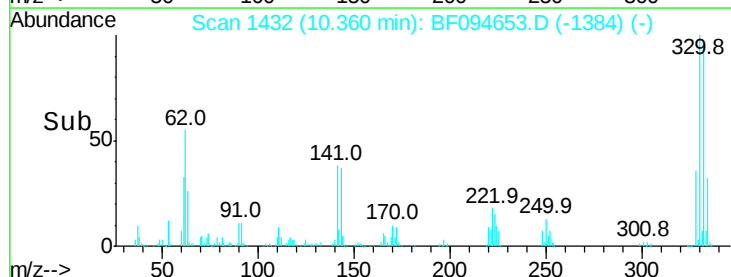
141 38.3 31.4 47.2

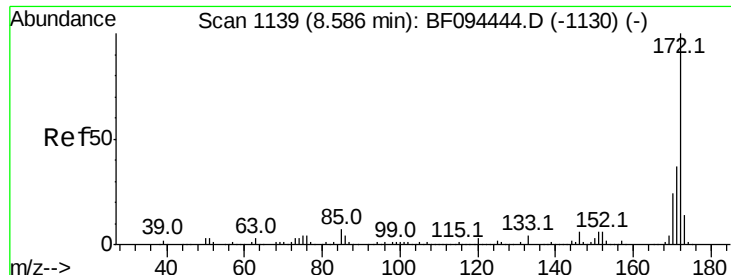


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

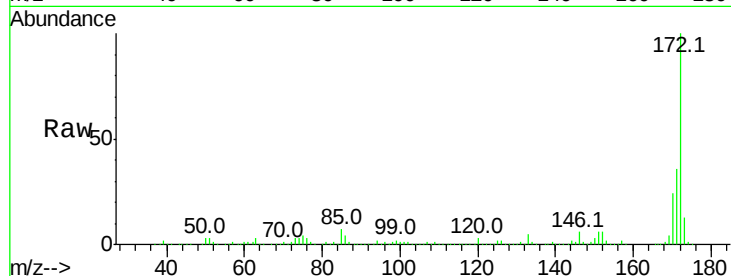




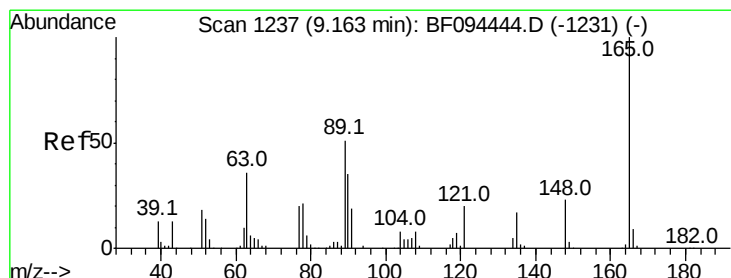
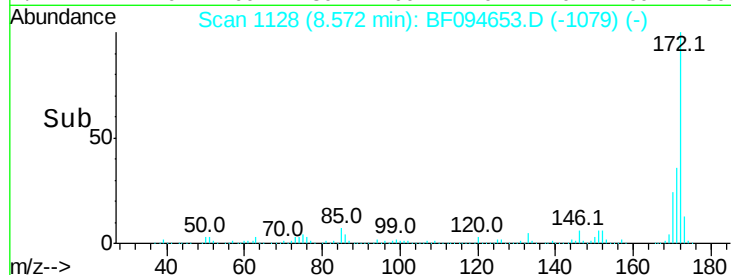
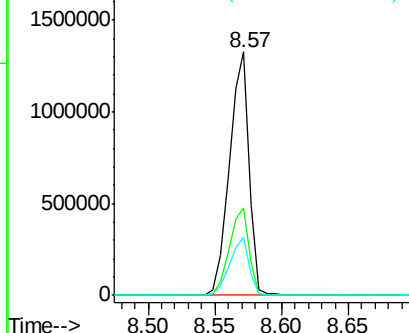
#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1374733
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8

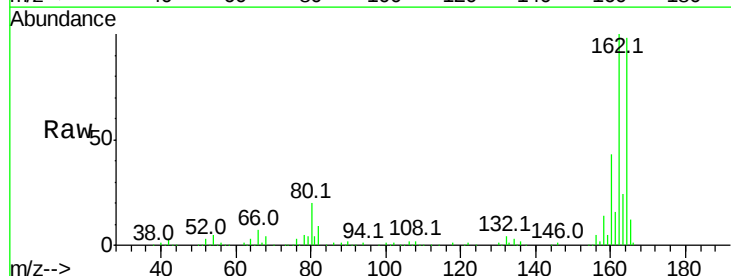


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

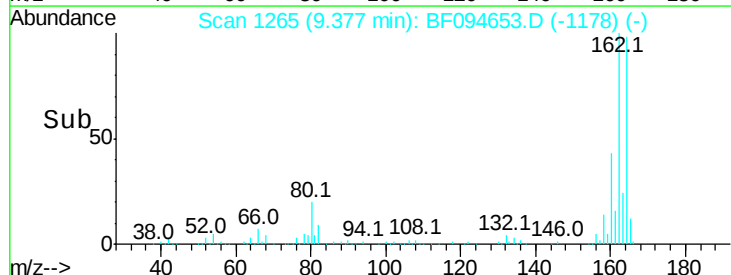
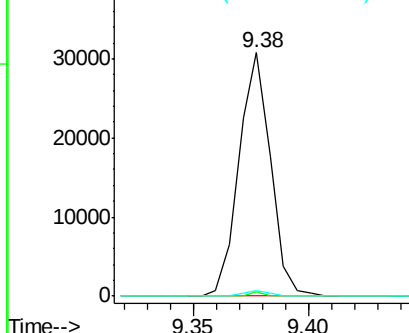


#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Tgt Ion:165 Resp: 29331
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.3 51.5#
 89 2.2 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

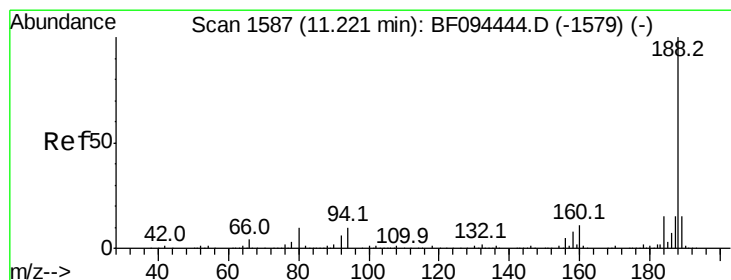
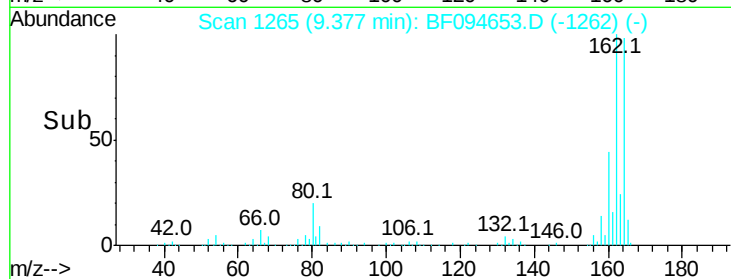
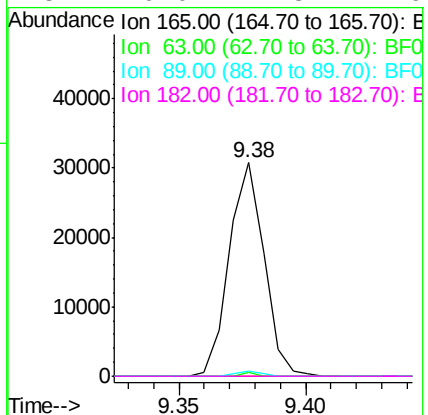
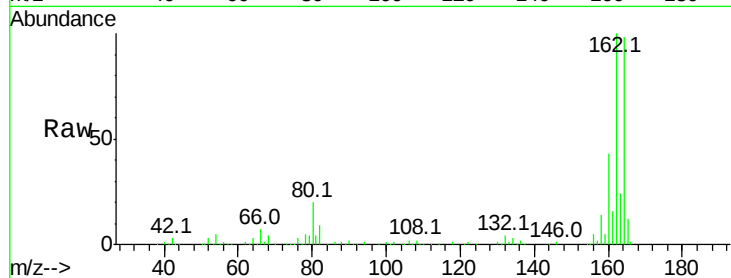




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

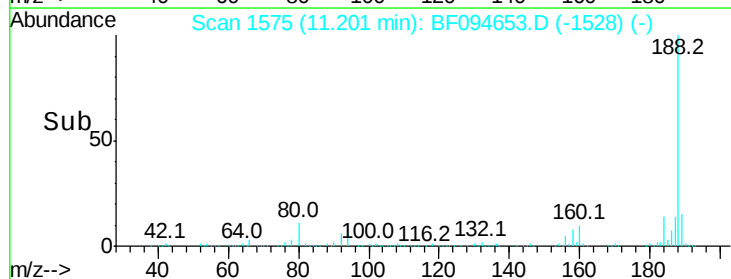
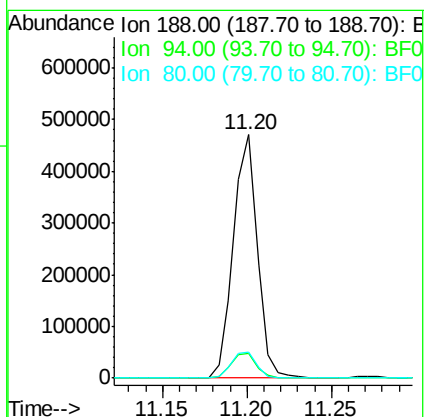
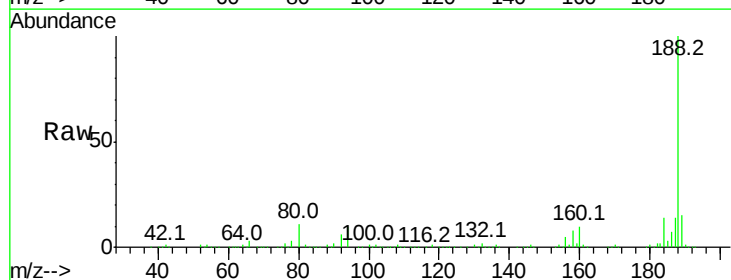
Instrument :
 BNA_F
 ClientSampleId :

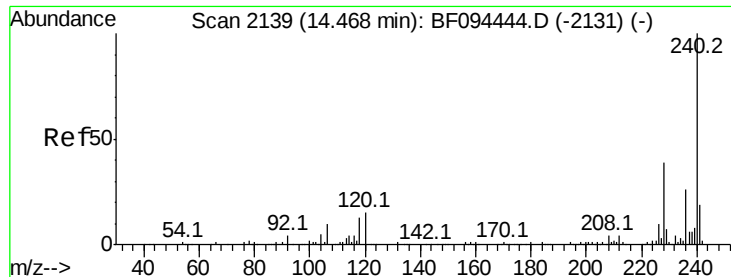
Tot Ion:165 Resp: 29330
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 2.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Tgt Ion:188 Resp: 465688
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.6 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: BF094653.D

Acq: 26 Apr 2017 18:08

Instrument :

BNA_F

ClientSampleId :

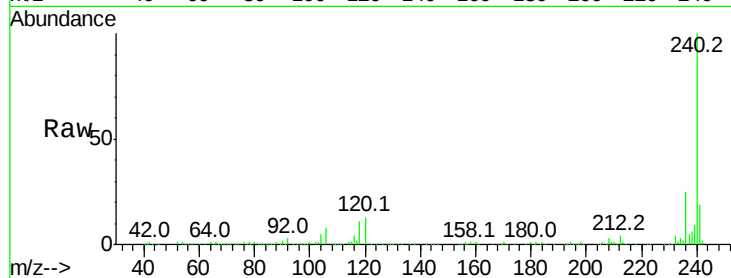
Tot Ion:240 Resp: 386776

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

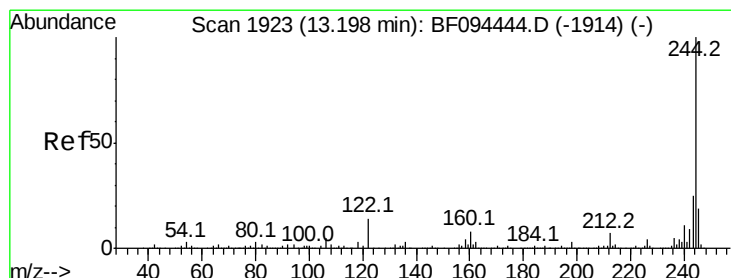
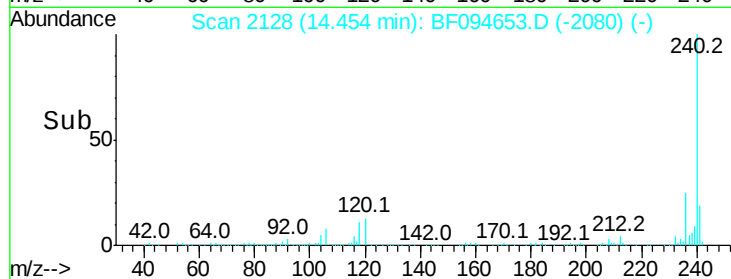
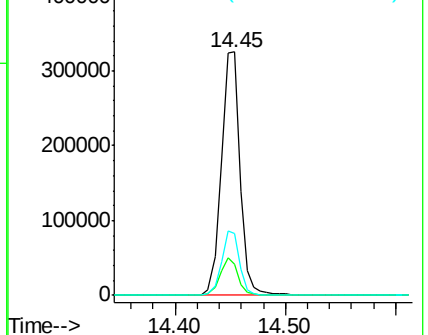
236 25.3 20.5 30.7



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: 98.21 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

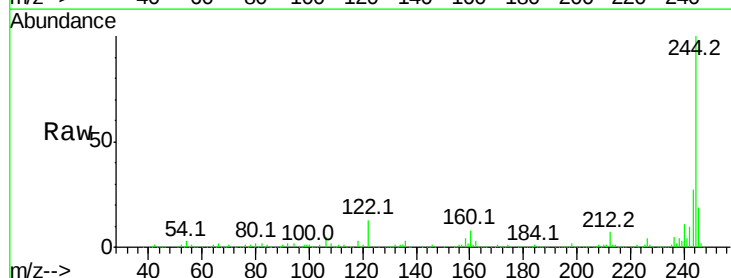
Tgt Ion:244 Resp: 1421081

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

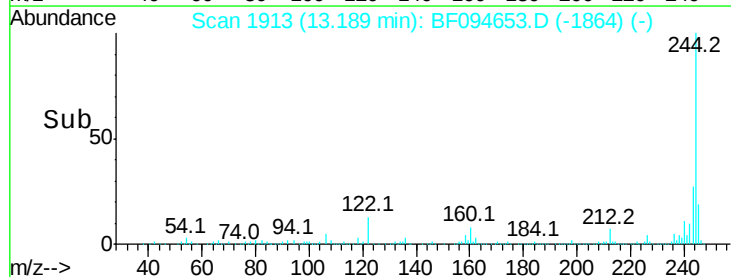
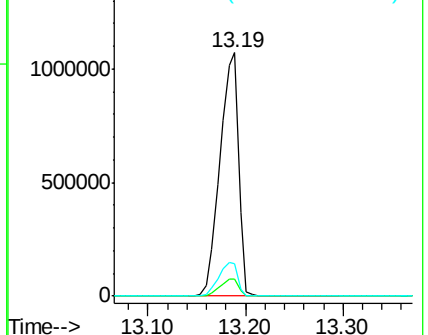
122 13.1 10.3 15.5

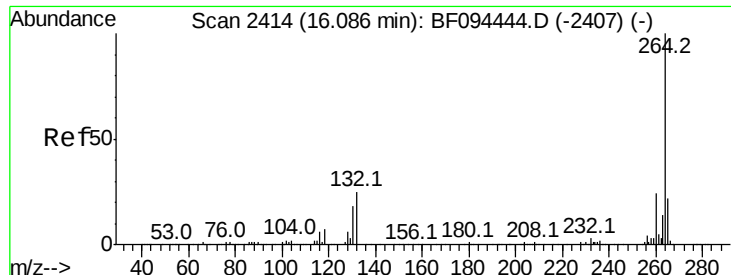


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

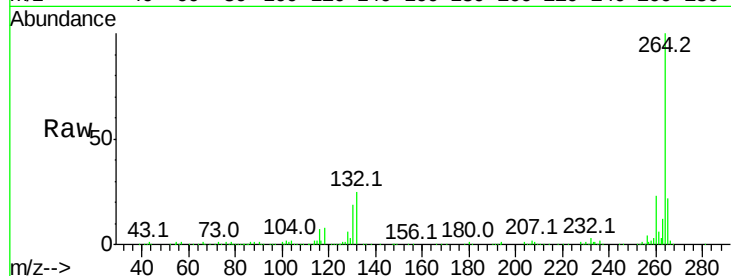




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.8	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

