

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094652.D
 Acq On : 26 Apr 2017 17:41
 Operator : SJ/MA
 Sample : I2805-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:24:06 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

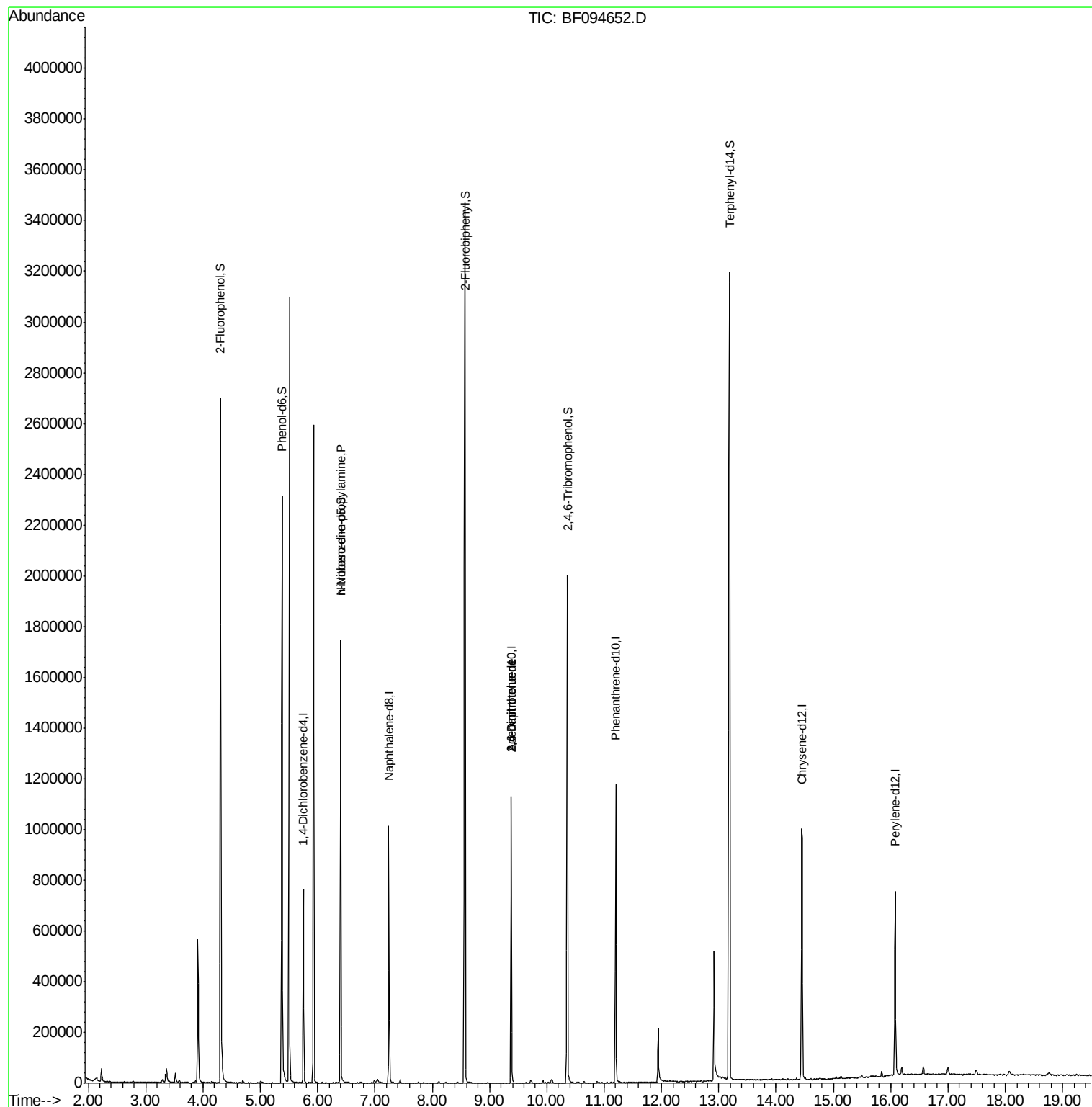
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	123015	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	503377	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	240445	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	487568	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	406450	20.00	ng	-0.01
86) Perylene-d12	16.08	264	297944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	831428	112.13	ng	0.00
7) Phenol-d6	5.38	99	984578	112.64	ng	0.00
23) Nitrobenzene-d5	6.40	82	678194	83.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	278846	148.27	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1319292	80.73	ng	-0.01
78) Terphenyl-d14	13.19	244	1359490	89.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	88860	15.34	ng	# 76
50) 2,6-Dinitrotoluene	9.38	165	30073	7.48	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	30072	6.09	ng	# 32

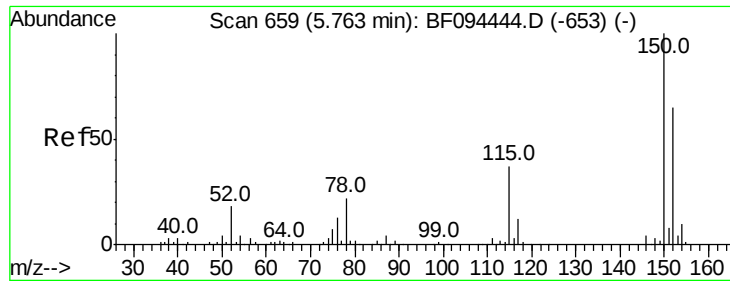
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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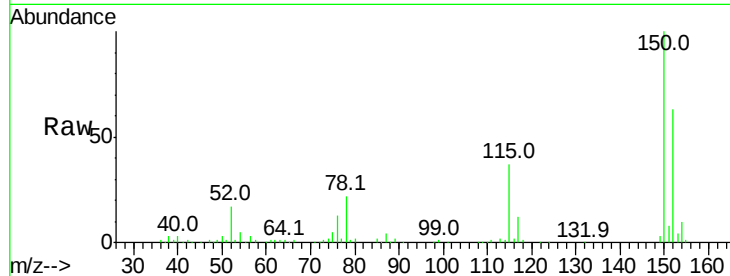


#1

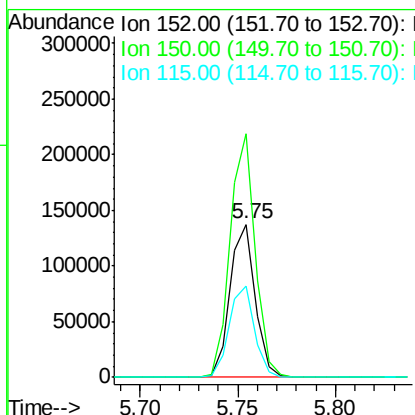
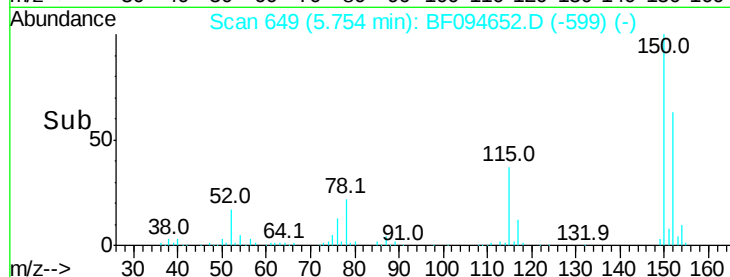
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094652.D
Acq: 26 Apr 2017 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 123015
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 59.5 52.2 78.2



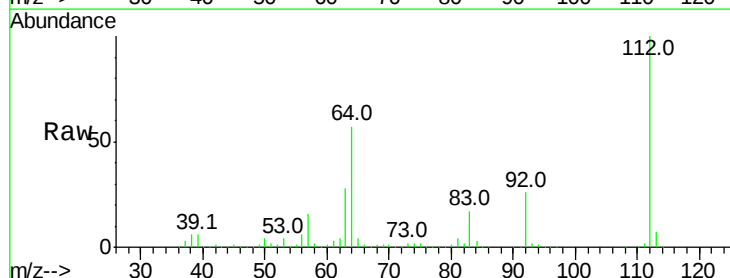
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



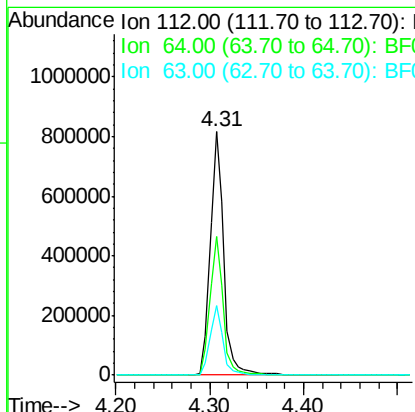
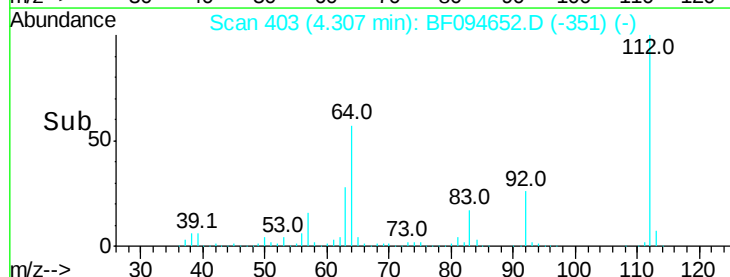
#5

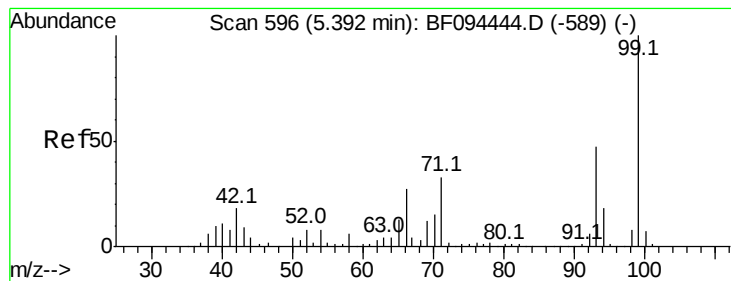
2-Fluorophenol
Concen: 112.13 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094652.D
Acq: 26 Apr 2017 17:41

Tgt Ion:112 Resp: 831428
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.5 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: 112.64 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094652.D

Acq: 26 Apr 2017 17:41

Instrument :

BNA_F

ClientSampleId :

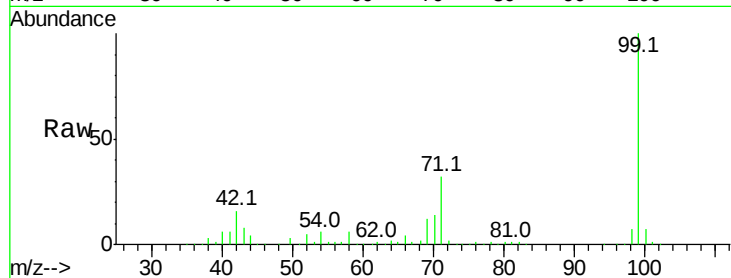
Tot Ion: 99 Resp: 984578

Ion Ratio Lower Upper

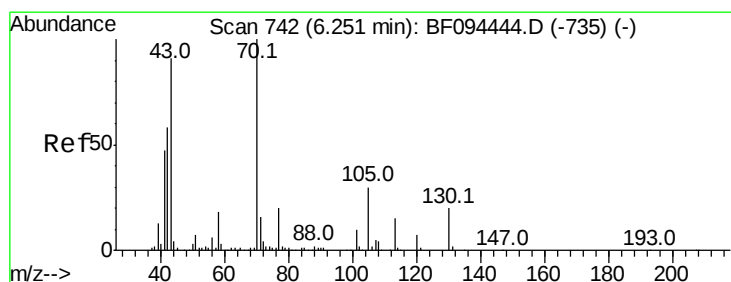
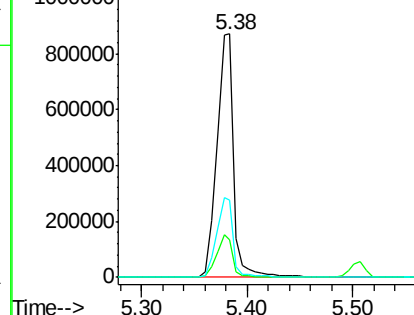
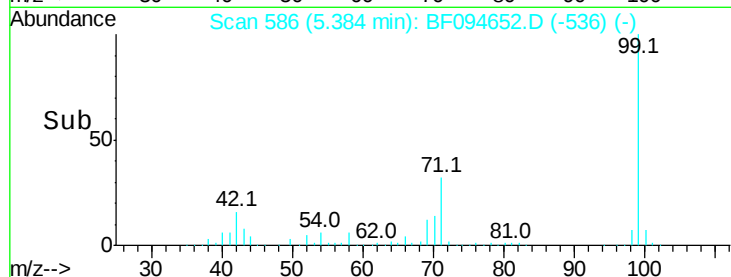
99 100

42 15.6 13.5 20.3

71 31.9 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: 15.34 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094652.D

Acq: 26 Apr 2017 17:41

Tgt Ion: 70 Resp: 88860

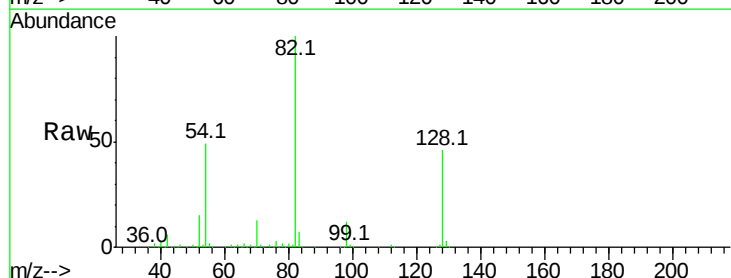
Ion Ratio Lower Upper

70 100

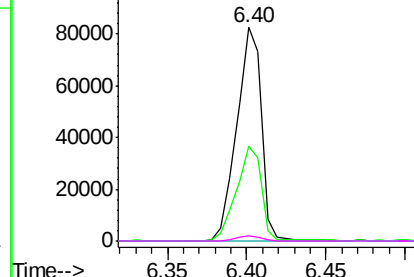
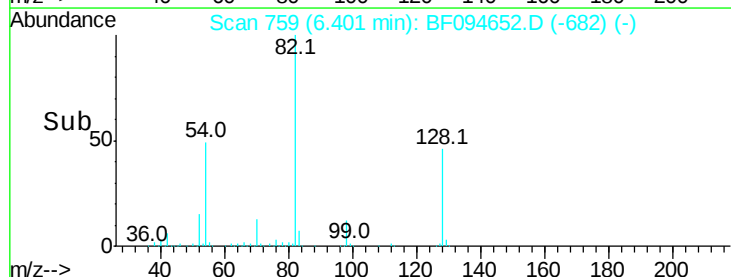
42 44.1 47.2 70.8#

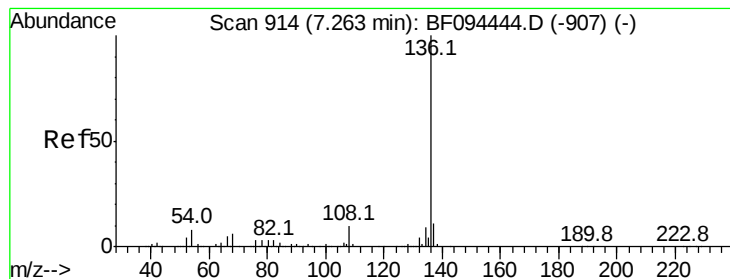
101 0.0 7.2 10.8#

130 2.5 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: BF094652.D

Acq: 26 Apr 2017 17:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 503377

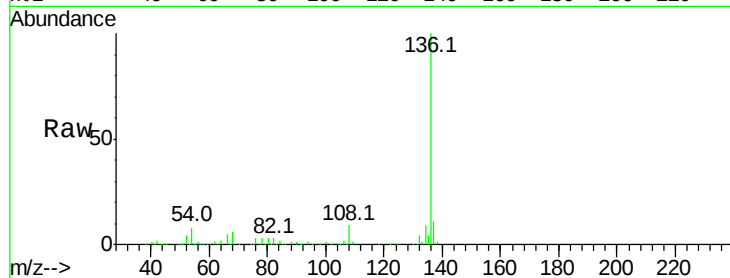
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 4.1 6.1

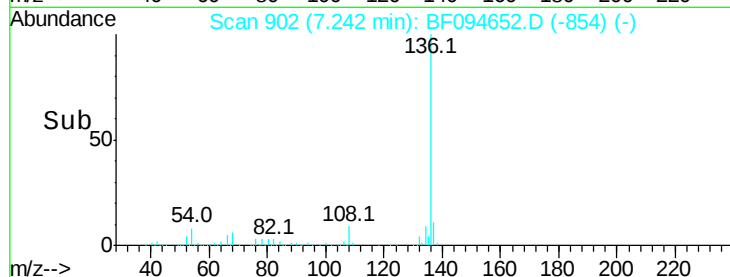


Abundance Ion 136.00 (135.70 to 136.70): E

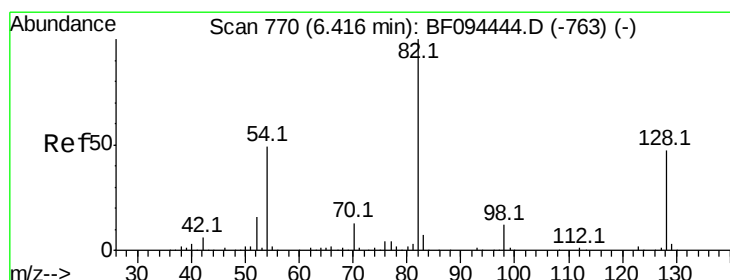
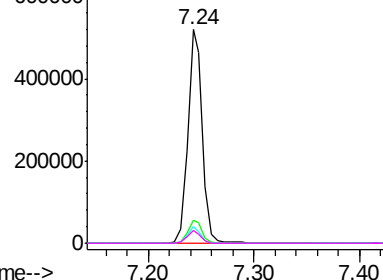
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 83.19 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094652.D

Acq: 26 Apr 2017 17:41

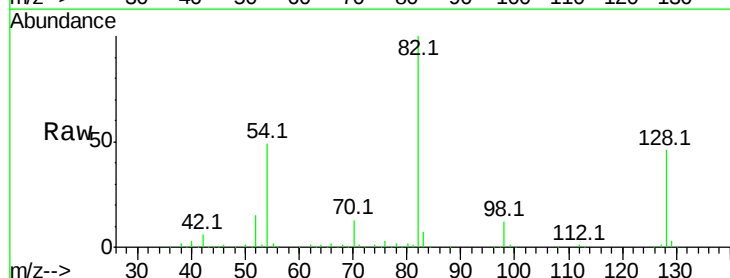
Tgt Ion: 82 Resp: 678194

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

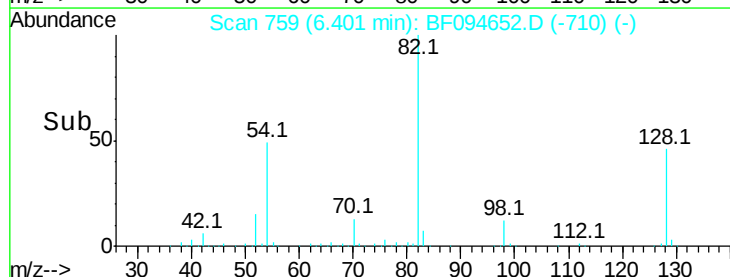
54 48.8 42.2 63.2



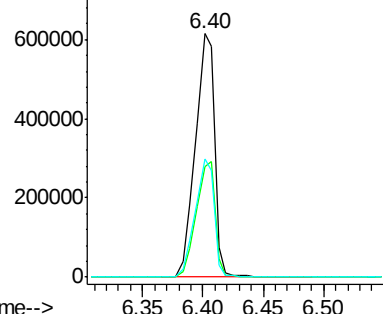
Abundance Ion 82.00 (81.70 to 82.70): BF0

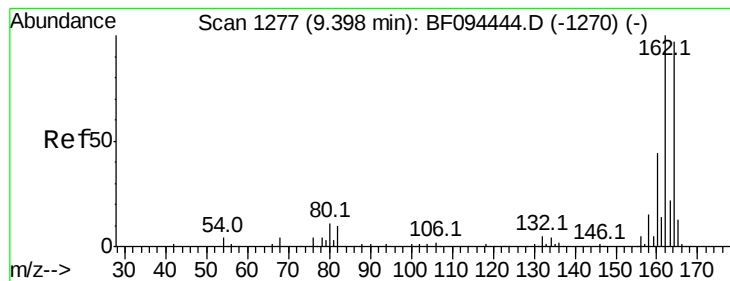
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094652.D

Acq: 26 Apr 2017 17:41

Instrument :

BNA_F

ClientSampleId :

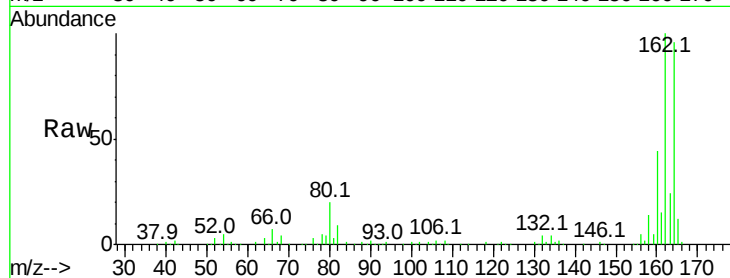
Tot Ion:164 Resp: 240445

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

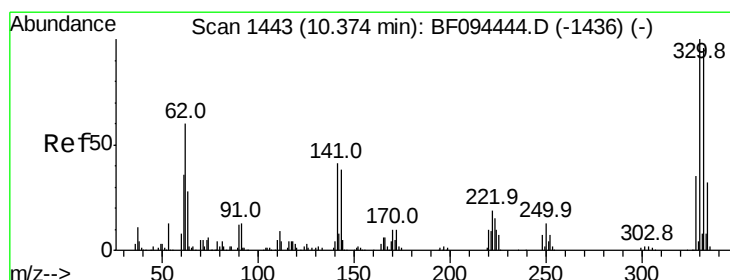
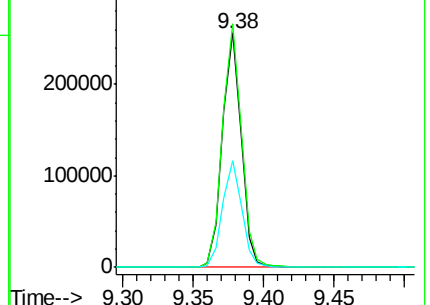
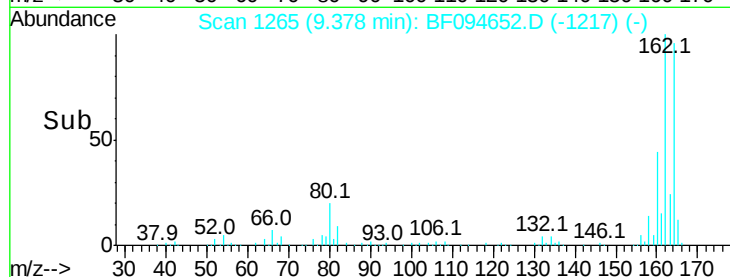
160 45.6 36.2 54.2



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: 148.27 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094652.D

Acq: 26 Apr 2017 17:41

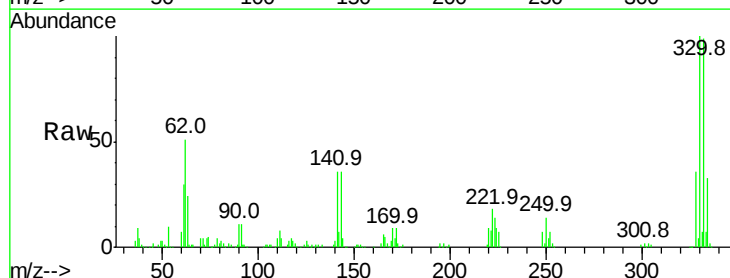
Tgt Ion:330 Resp: 278846

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

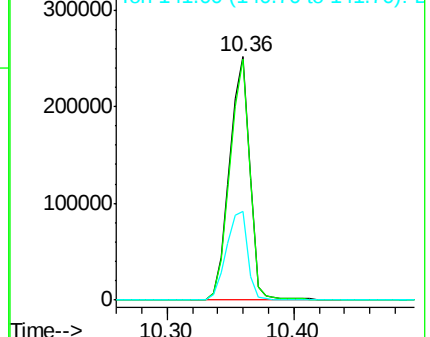
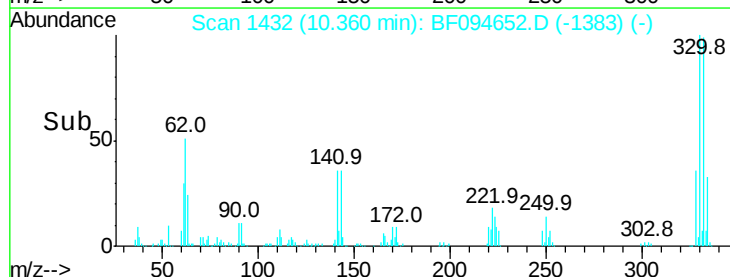
141 38.8 31.4 47.2

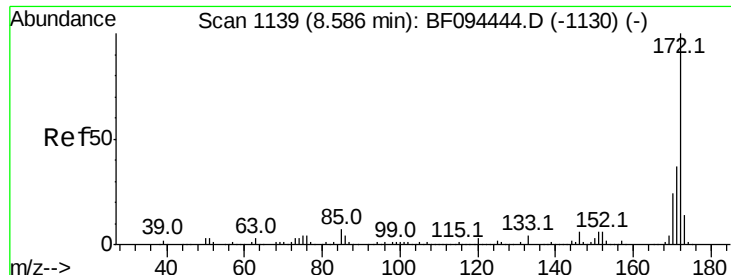


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



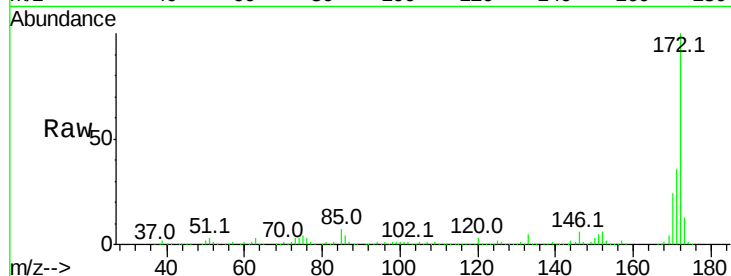


#44
 2-Fluorobiphenyl
 Concen: 80.73 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094652.D
 Acq: 26 Apr 2017 17:41

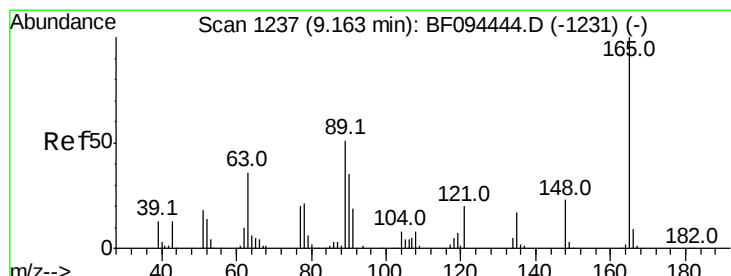
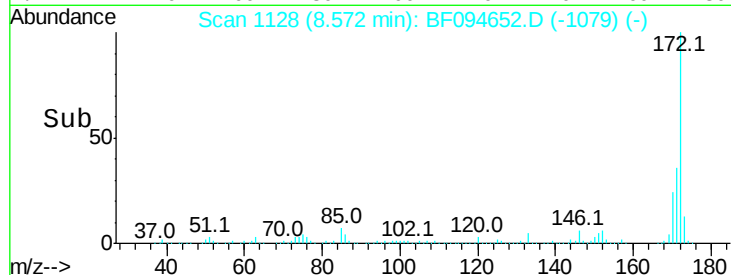
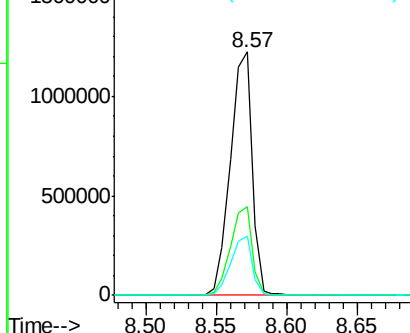
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1319292

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



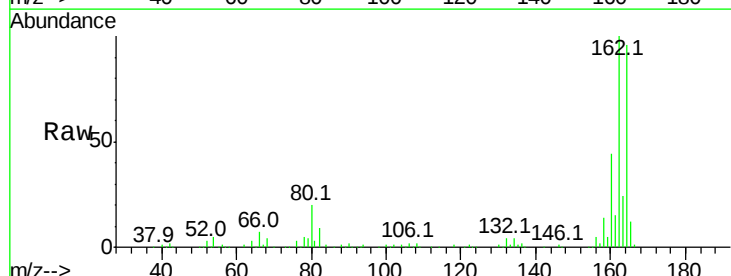
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



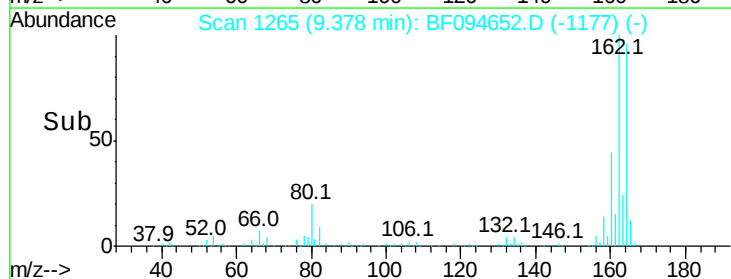
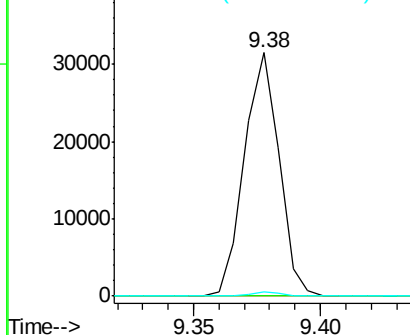
#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094652.D
 Acq: 26 Apr 2017 17:41

Tgt Ion:165 Resp: 30073

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.6	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

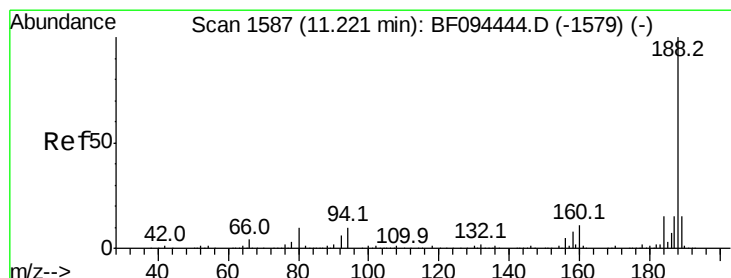
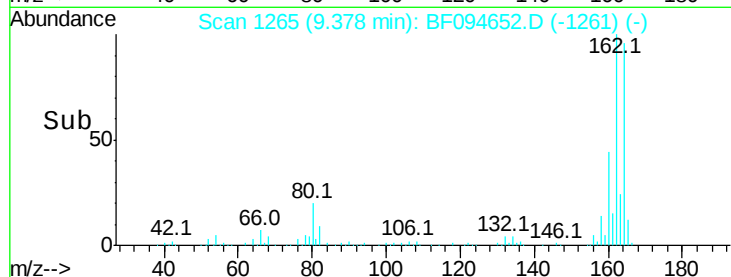
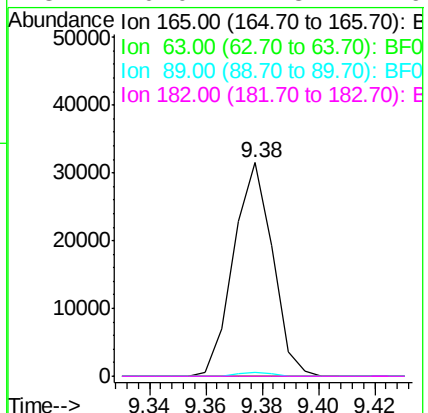
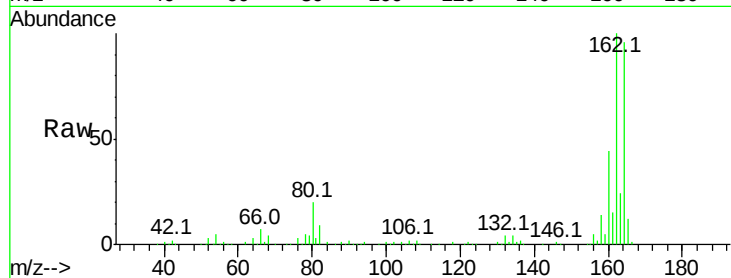




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094652.D
 Acq: 26 Apr 2017 17:41

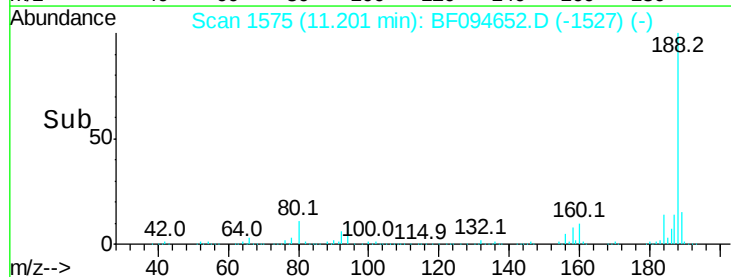
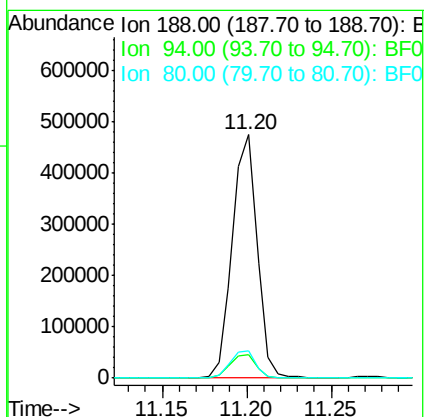
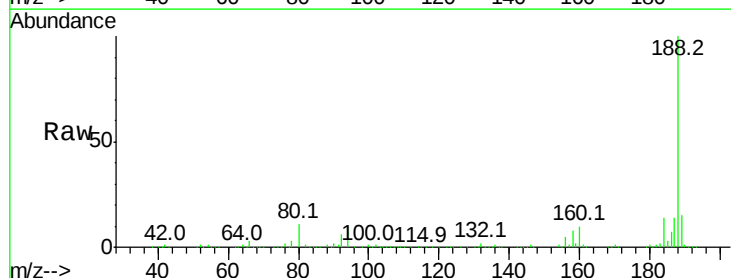
Instrument :
 BNA_F
 ClientSampled :

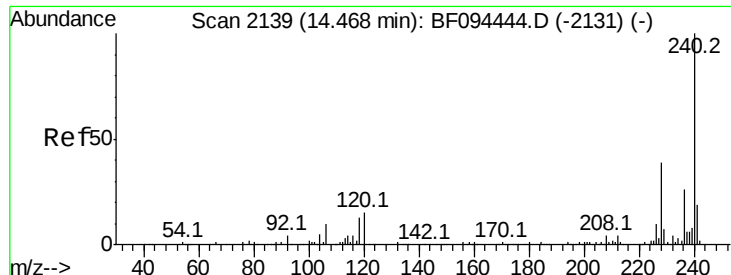
Tot Ion:165 Resp: 30072
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094652.D
 Acq: 26 Apr 2017 17:41

Tgt Ion:188 Resp: 487568
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 11.1 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: BF094652.D

Acq: 26 Apr 2017 17:41

Instrument :

BNA_F

ClientSampled :

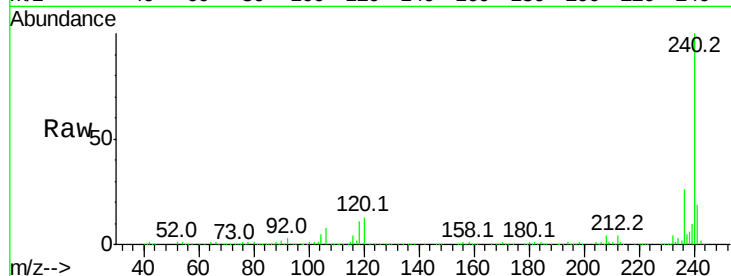
Tot Ion:240 Resp: 406450

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

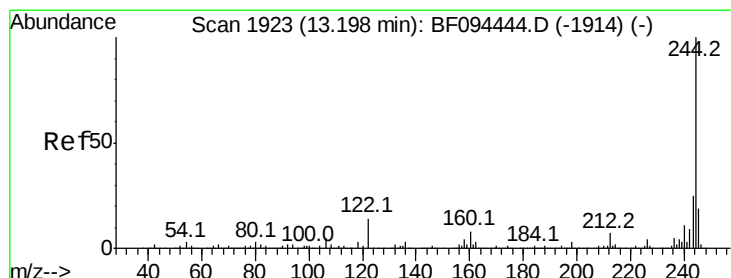
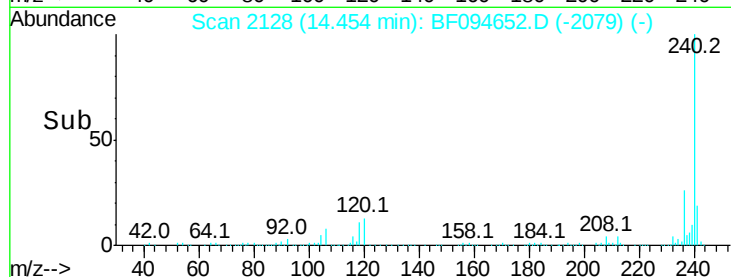
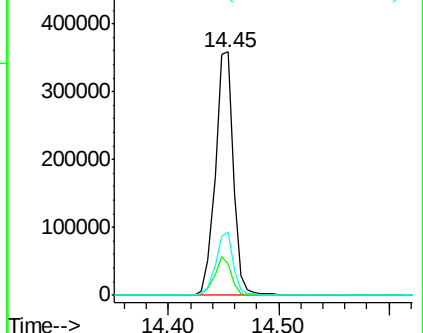
236 25.7 20.5 30.7



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: 89.40 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094652.D

Acq: 26 Apr 2017 17:41

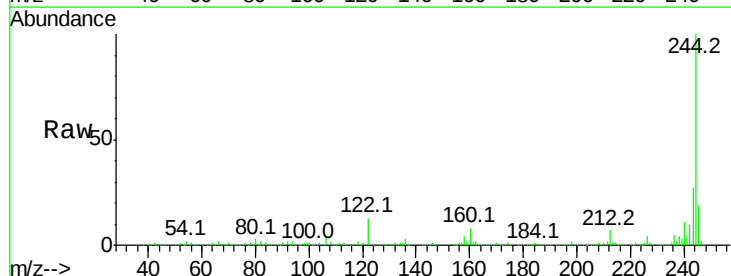
Tgt Ion:244 Resp: 1359490

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

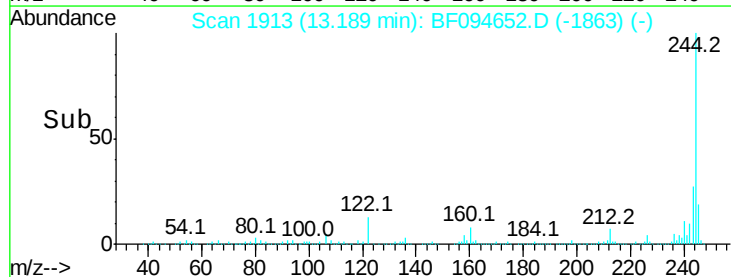
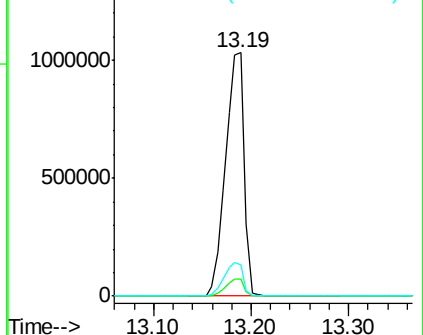
122 12.8 10.3 15.5

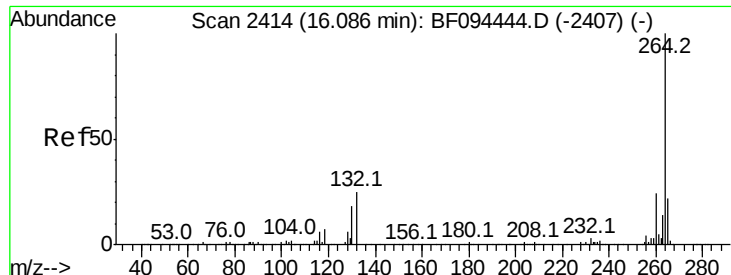


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

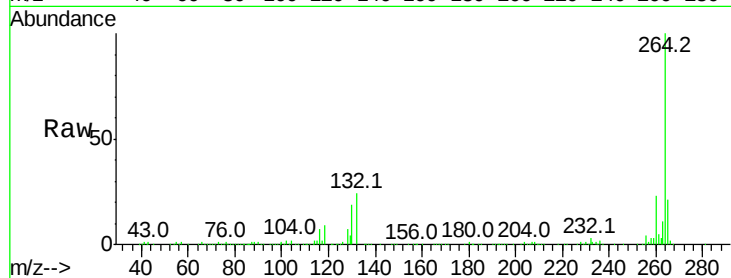




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094652.D
Acq: 26 Apr 2017 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 297944
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.0 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

