

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094603.D
 Acq On : 25 Apr 2017 14:16
 Operator : SJ/MA
 Sample : I2821-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:23:08 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

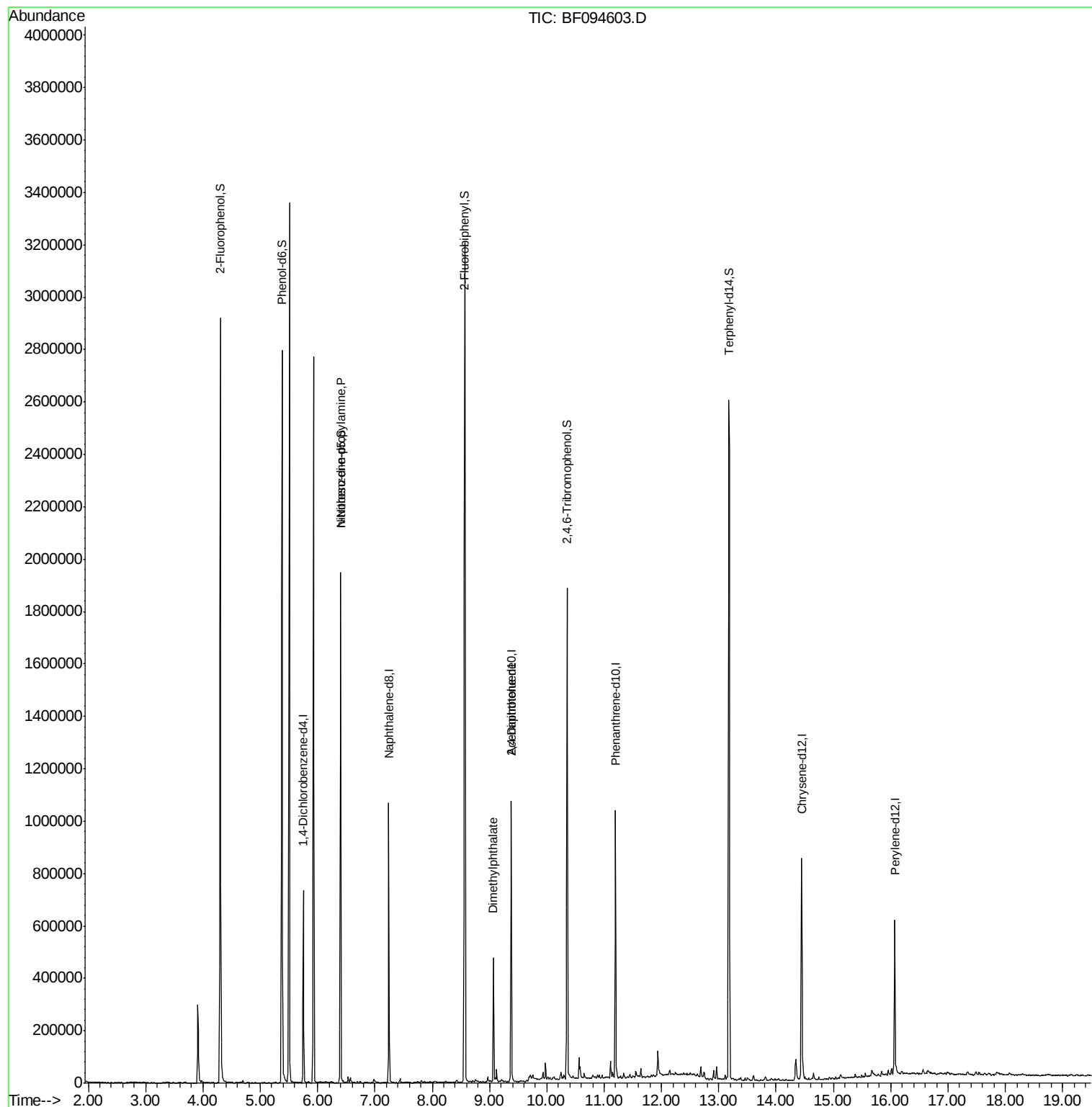
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	121248	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	480177	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	223238	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	412775	20.00	ng	-0.03
75) Chrysene-d12	14.45	240	332232	20.00	ng	-0.02
86) Perylene-d12	16.07	264	227909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	974191	133.30	ng	0.00
7) Phenol-d6	5.38	99	1200189	139.30	ng	0.00
23) Nitrobenzene-d5	6.40	82	724632	93.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	243813	139.63	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1213566	79.98	ng	-0.01
78) Terphenyl-d14	13.18	244	1015649	81.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	95702	16.76	ng	# 77
49) Dimethylphthalate	9.07	163	202587	12.18	ng	100
56) 2,4-Dinitrotoluene	9.38	165	28705	6.26	ng	# 33

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

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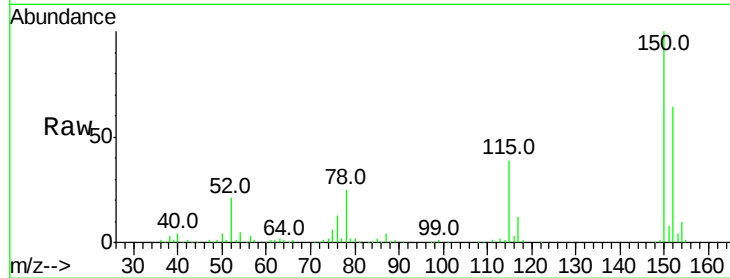


#1

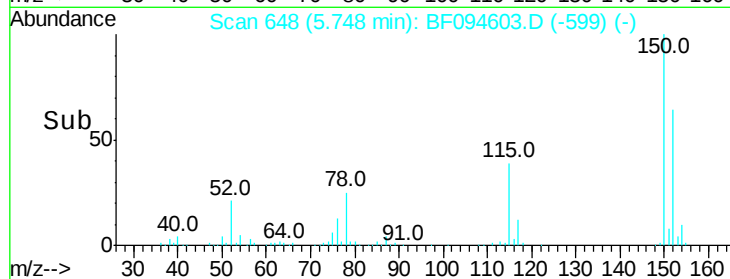
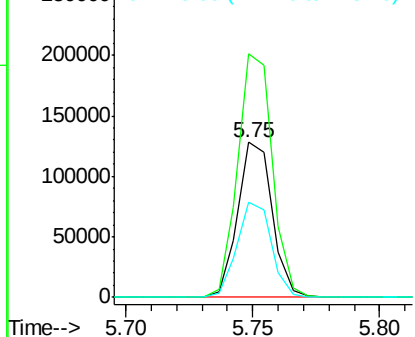
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094603.D
Acq: 25 Apr 2017 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121248
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.8 52.2 78.2



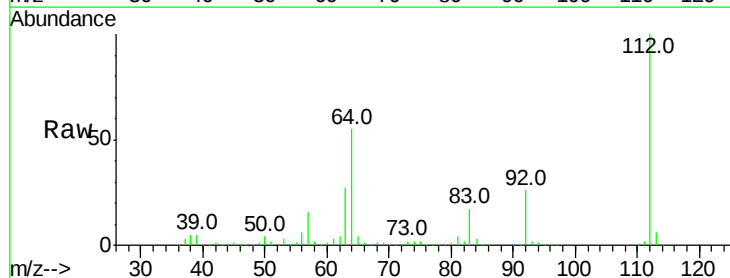
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



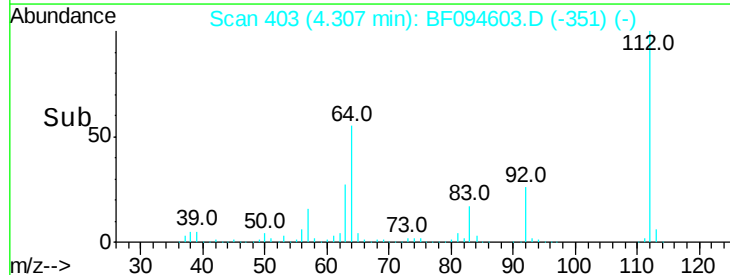
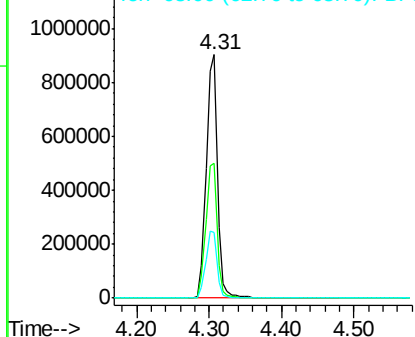
#5

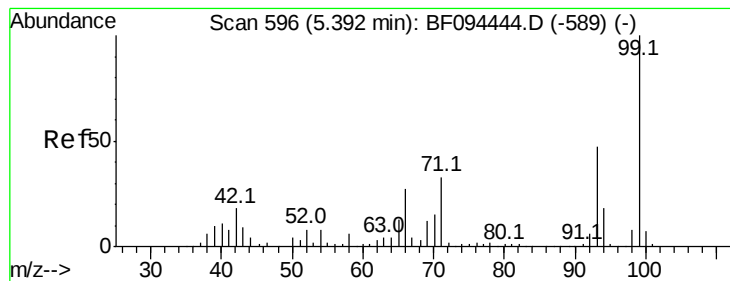
2-Fluorophenol
Concen: 133.30 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094603.D
Acq: 25 Apr 2017 14:16

Tgt Ion:112 Resp: 974191
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 27.2 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: 139.30 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

Instrument :

BNA_F

ClientSampled :

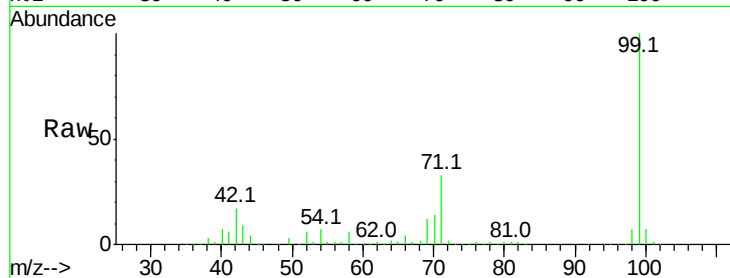
Tot Ion: 99 Resp: 1200189

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

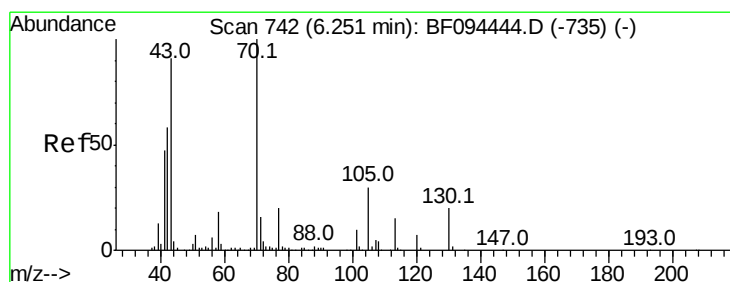
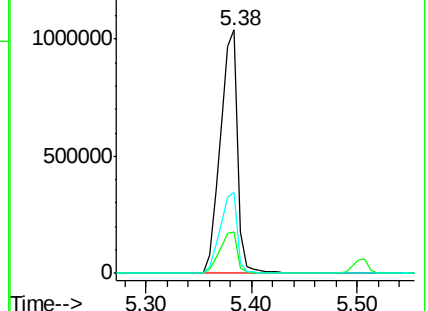
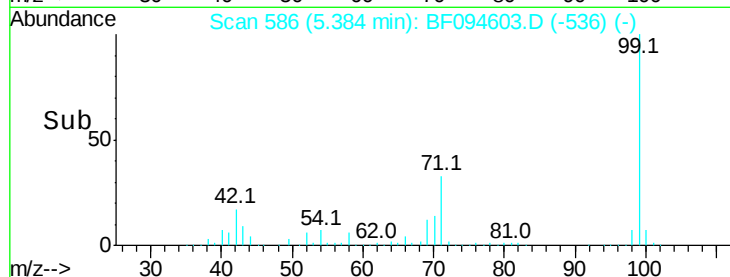
71 33.1 24.5 36.7



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: 16.76 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

Tgt Ion: 70 Resp: 95702

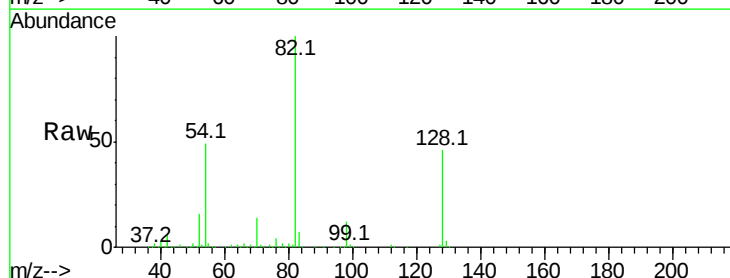
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

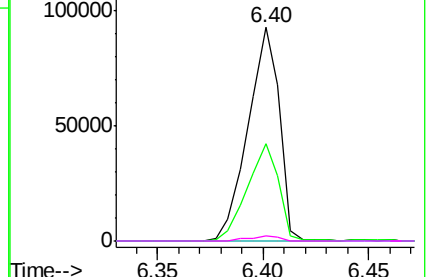
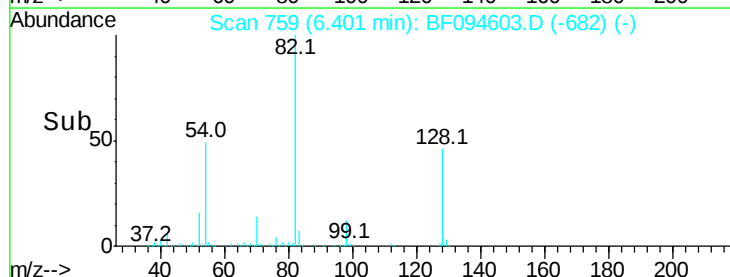


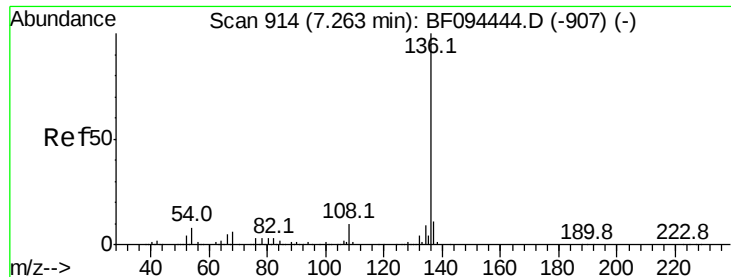
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 480177

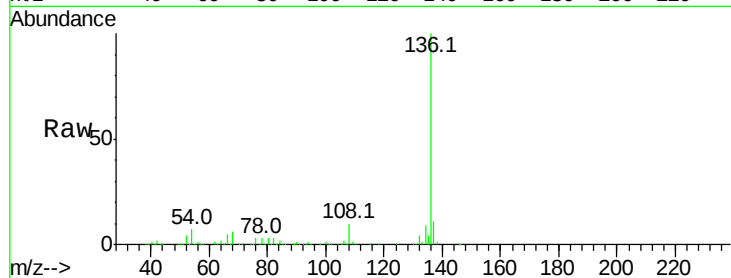
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 6.0 4.1 6.1

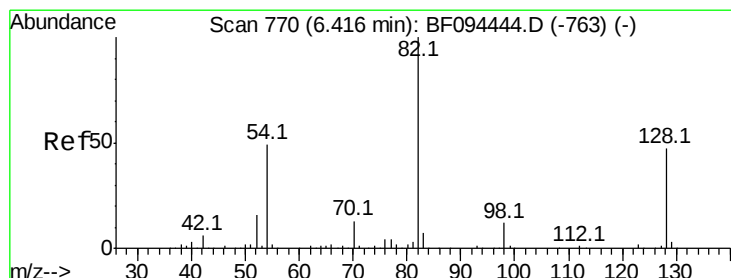
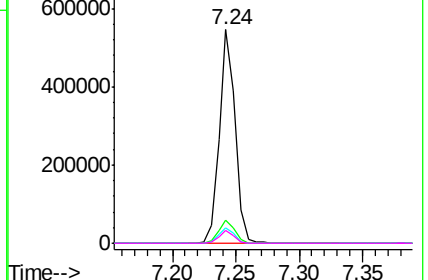
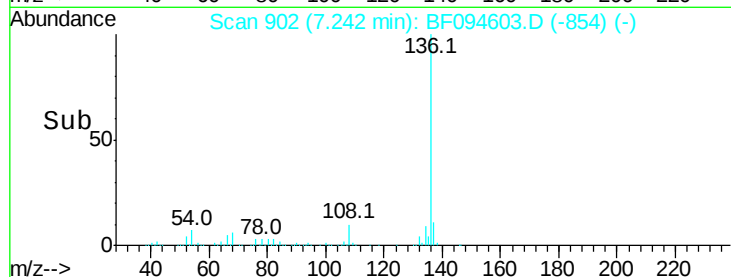


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.18 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

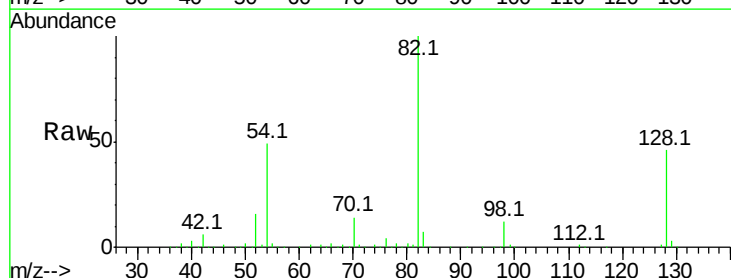
Tgt Ion: 82 Resp: 724632

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

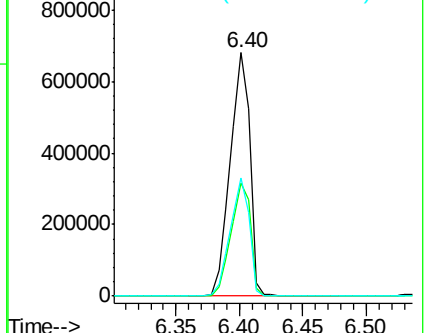
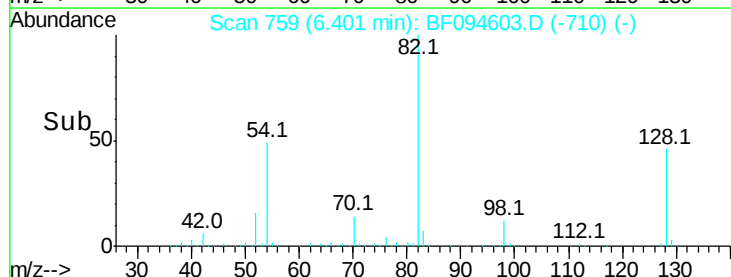
54 48.8 42.2 63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

Instrument :

BNA_F

ClientSampleId :

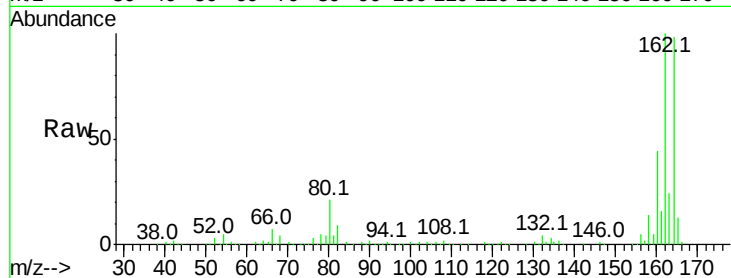
Tot Ion:164 Resp: 223238

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

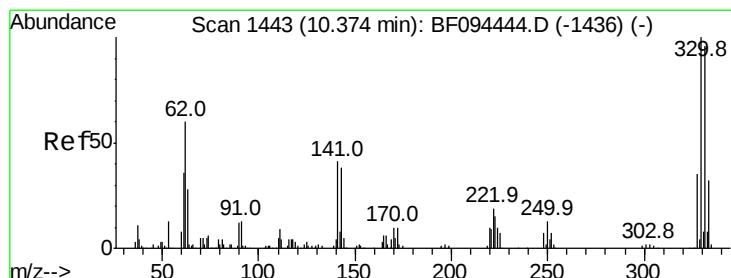
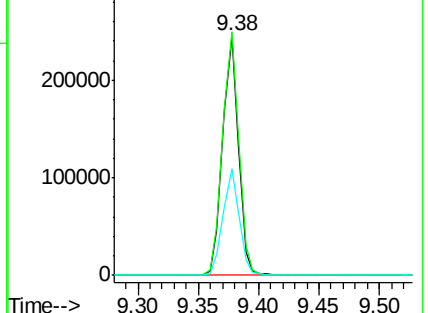
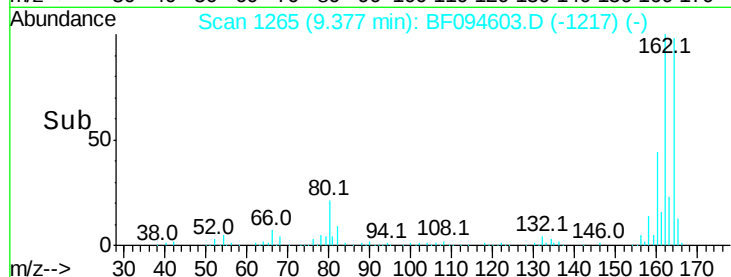
160 44.6 36.2 54.2



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: 139.63 ng

RT: 10.35 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

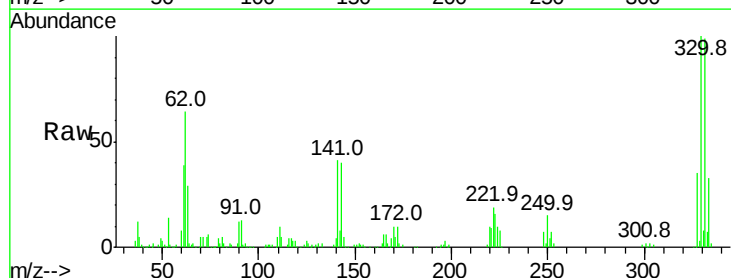
Tgt Ion:330 Resp: 243813

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

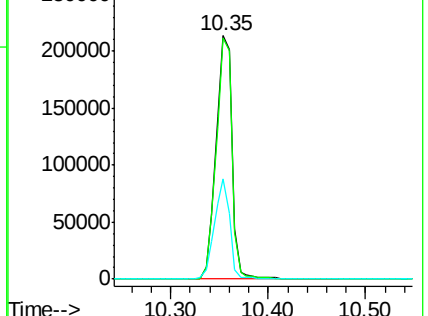
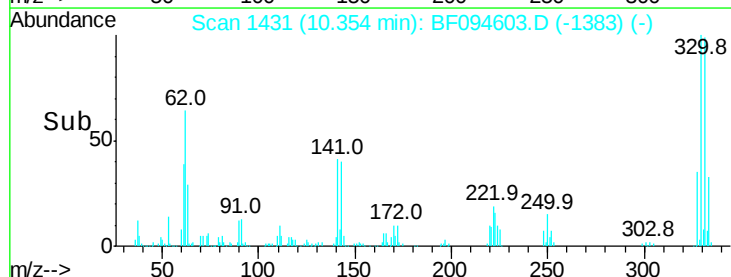
141 39.4 31.4 47.2

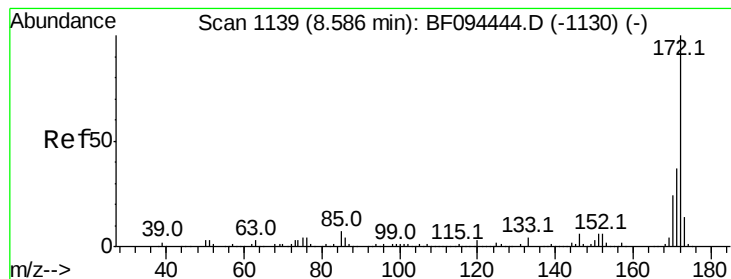


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.98 ng

RT: 8.57 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

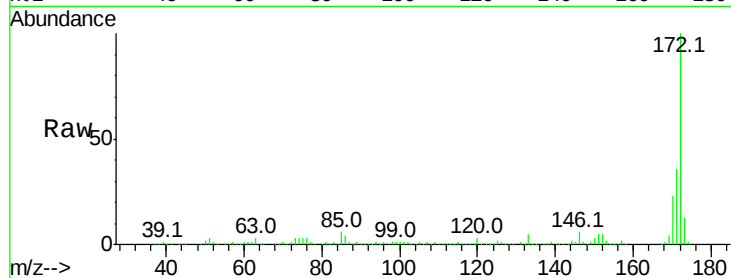
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 1213566

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.1	19.8	29.8

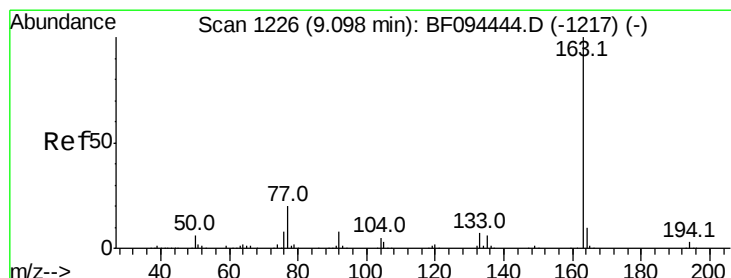
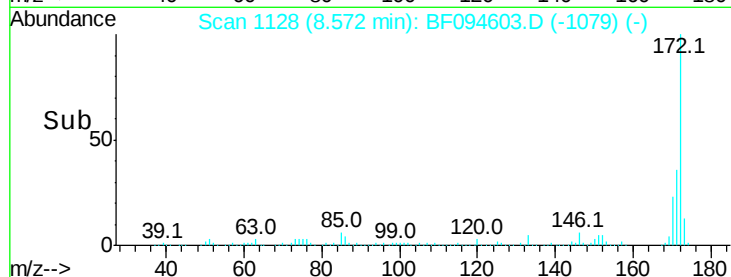
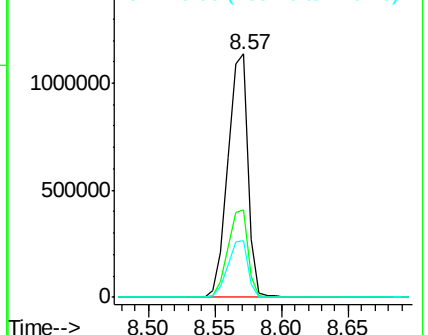


Abundance

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



#49

Dimethylphthalate

Concen: 12.18 ng

RT: 9.07 min Scan# 1212

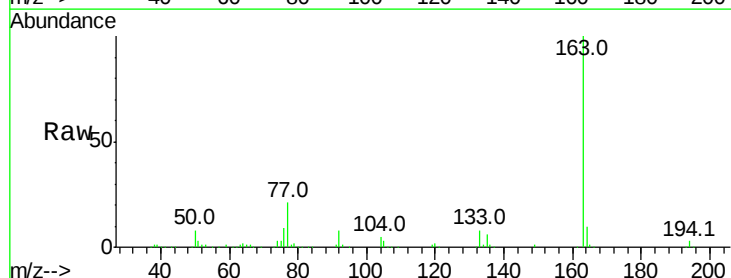
Delta R.T. -0.03 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

Tgt Ion:163 Resp: 202587

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

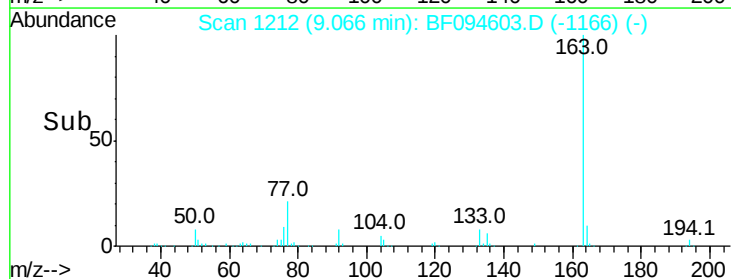
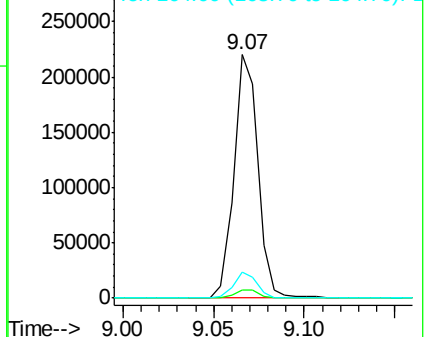


Abundance

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

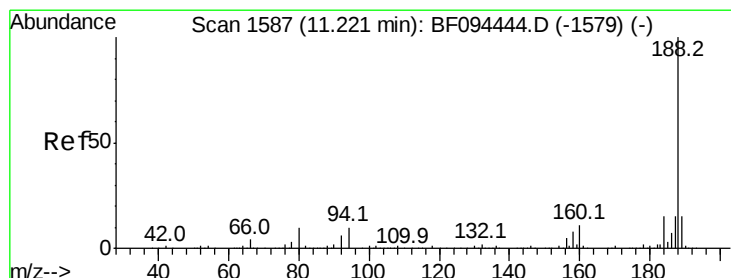
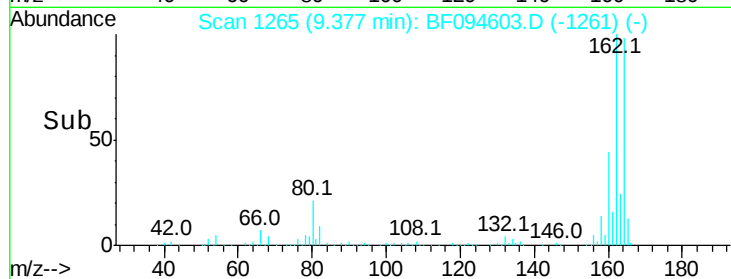
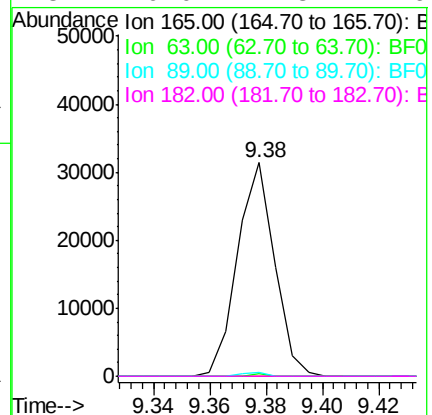
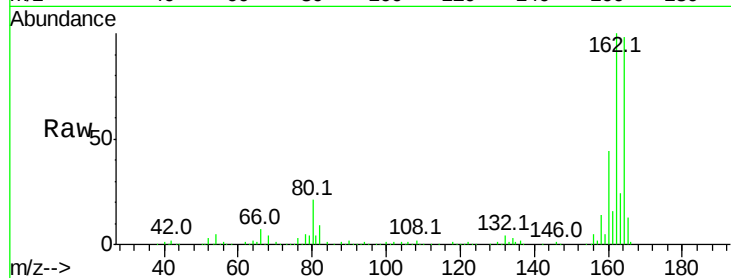




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094603.D
 Acq: 25 Apr 2017 14:16

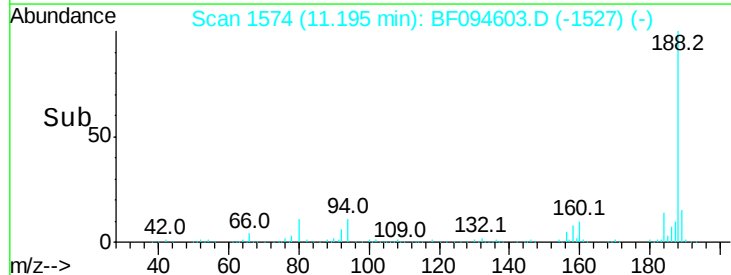
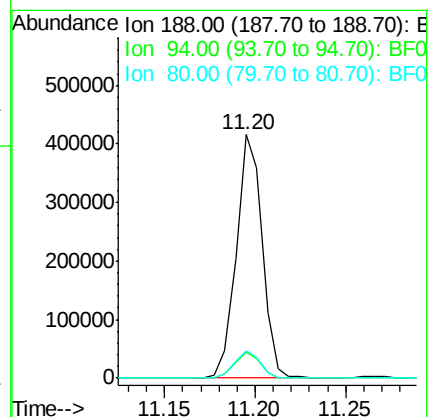
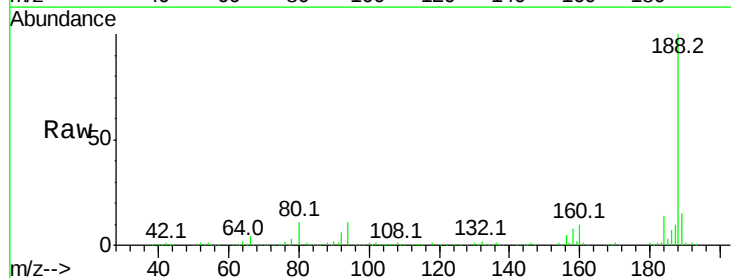
Instrument :
 BNA_F
 ClientSampleId :

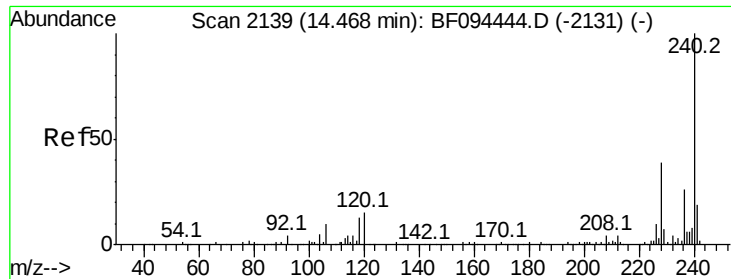
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF094603.D
 Acq: 25 Apr 2017 14:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

Instrument :

BNA_F

ClientSampleId :

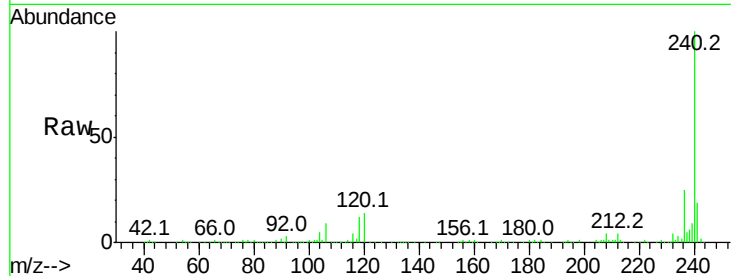
Tot Ion:240 Resp: 332232

Ion Ratio Lower Upper

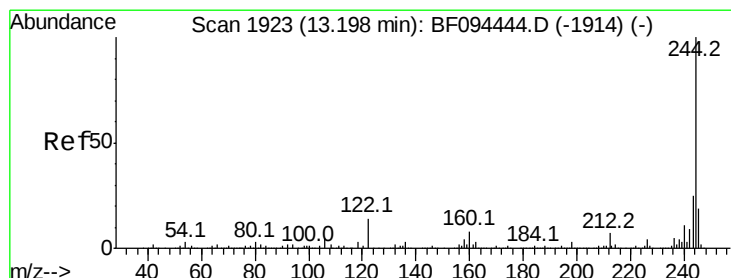
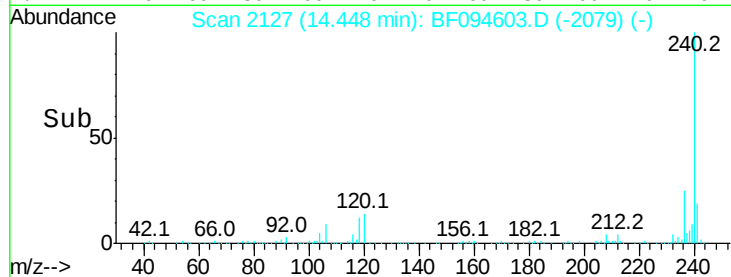
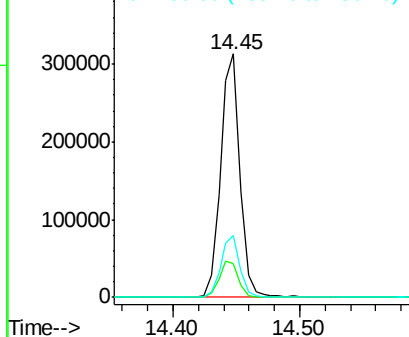
240 100

120 13.6 5.8 8.8#

236 25.4 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: 81.71 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094603.D

Acq: 25 Apr 2017 14:16

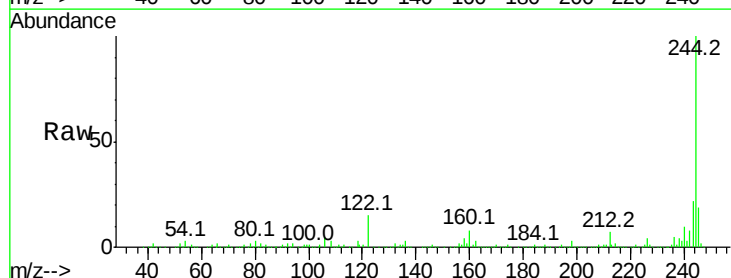
Tgt Ion:244 Resp: 1015649

Ion Ratio Lower Upper

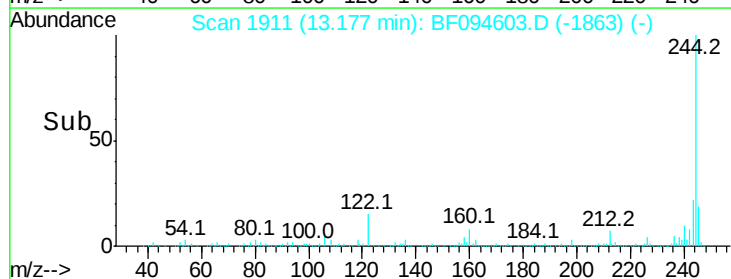
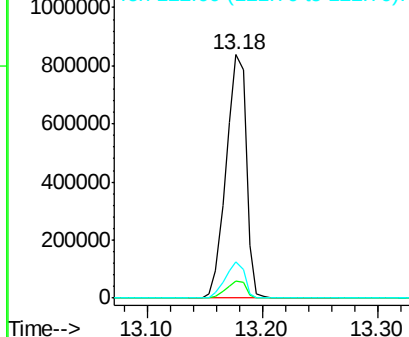
244 100

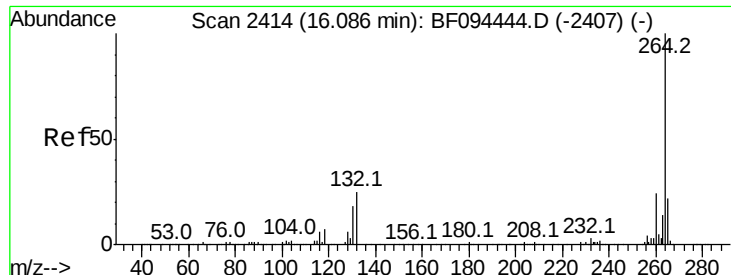
212 7.2 6.0 9.0

122 15.0 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

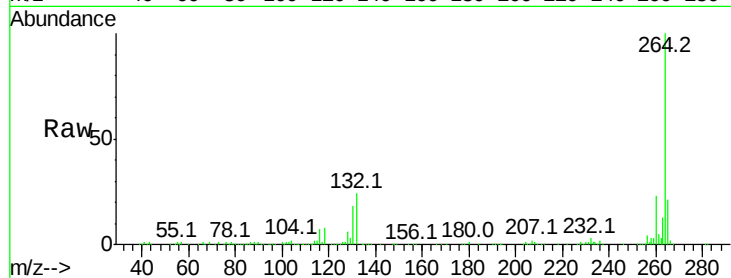




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094603.D
Acq: 25 Apr 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.1	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

