

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094283.D
 Acq On : 7 Apr 2017 20:03
 Operator : SJ/MA
 Sample : I2534-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-03(5-10)

Quant Time: Apr 07 23:00:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

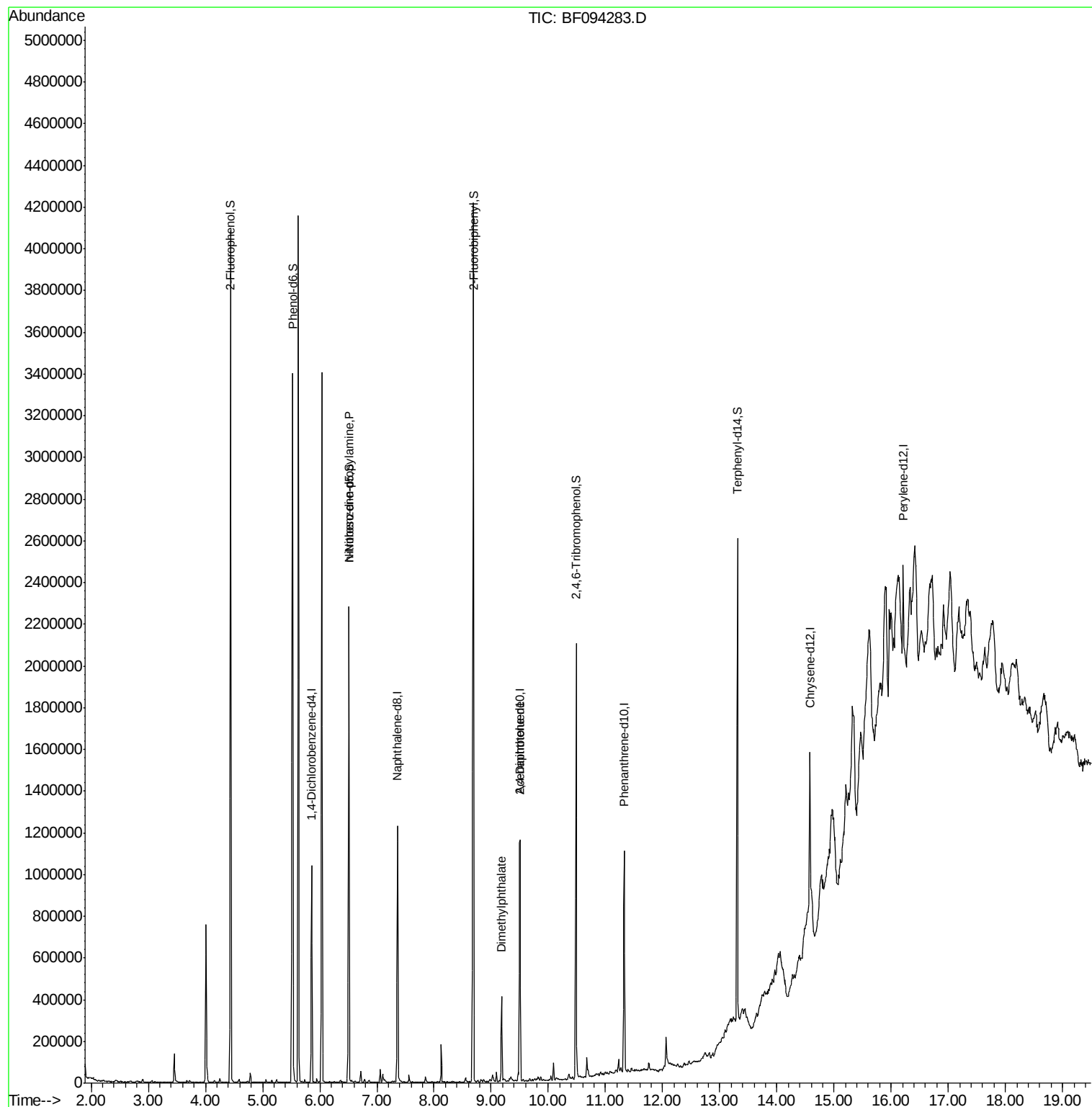
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	160778	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	626437	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	263785	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	401398	20.00	ng	0.00
75) Chrysene-d12	14.58	240	268033	20.00	ng	0.00
86) Perylene-d12	16.21	264	220232	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1251999	131.53	ng	0.05
7) Phenol-d6	5.53	99	1565238	132.92	ng	0.06
23) Nitrobenzene-d5	6.51	82	1001339	91.22	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	276477	132.64	ng	0.01
44) 2-Fluorobiphenyl	8.69	172	1566515	90.58	ng	0.00
78) Terphenyl-d14	13.31	244	906047	75.77	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	133139	17.59	ng	# 78
49) Dimethylphthalate	9.18	163	165105	8.81	ng	100
56) 2,4-Dinitrotoluene	9.50	165	34373	6.37	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: 5.86 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

GP-B-03(5-10)

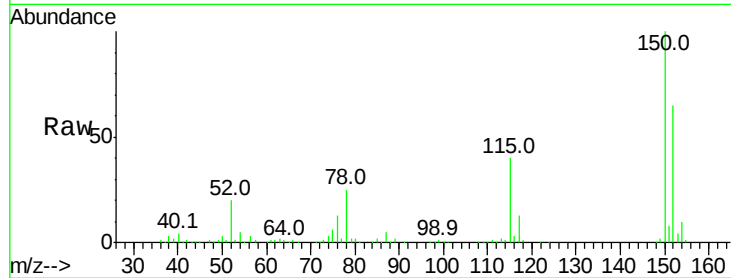
Tot Ion:152 Resp: 160778

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.2

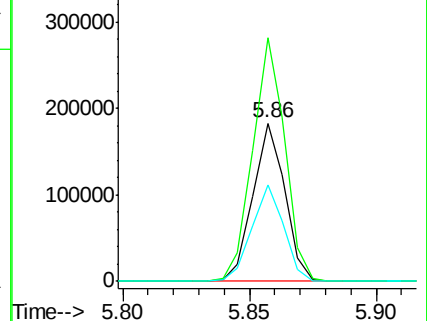
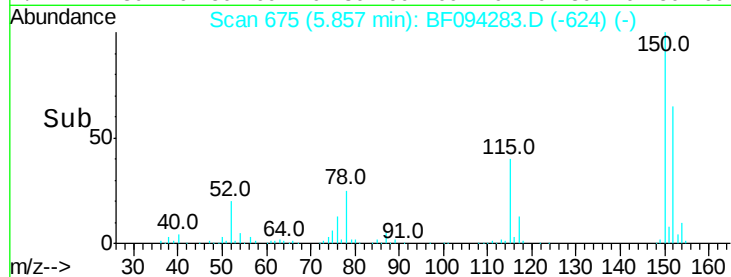
115 61.2 52.2 78.2



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: 131.53 ng

RT: 4.44 min Scan# 434

Delta R.T. 0.05 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

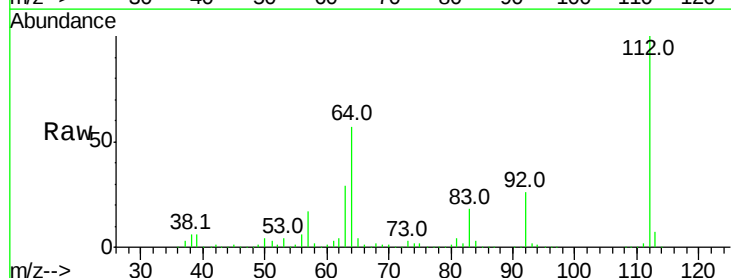
Tgt Ion:112 Resp: 1251999

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

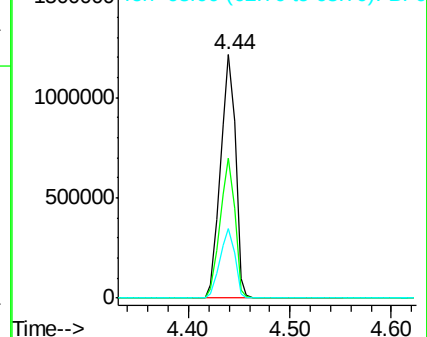
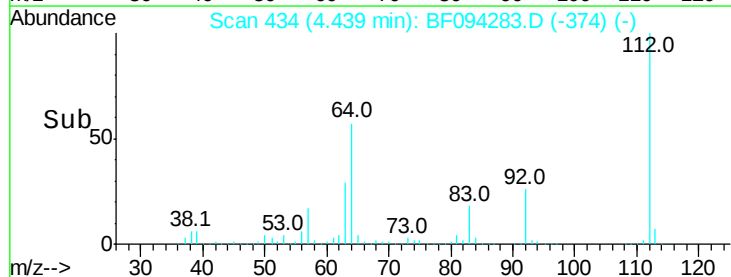
63 28.7 23.4 35.0



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: 132.92 ng

RT: 5.53 min Scan# 619

Delta R.T. 0.06 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

GP-B-03(5-10)

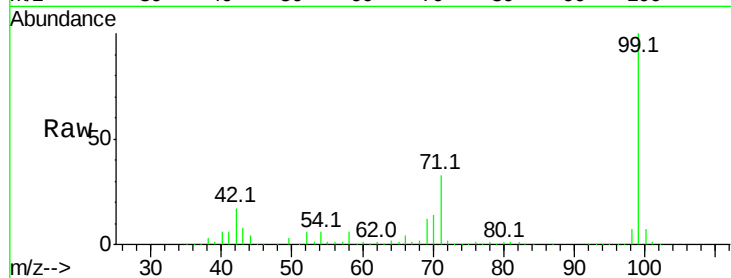
Tot Ion: 99 Resp: 1565238

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

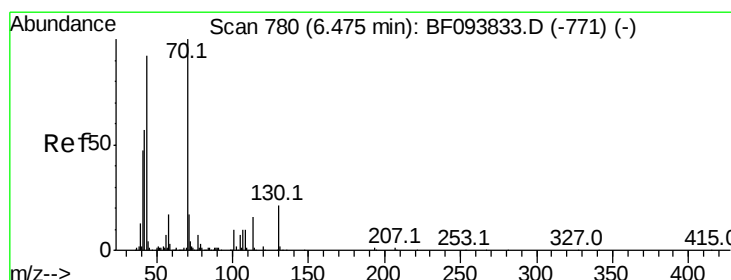
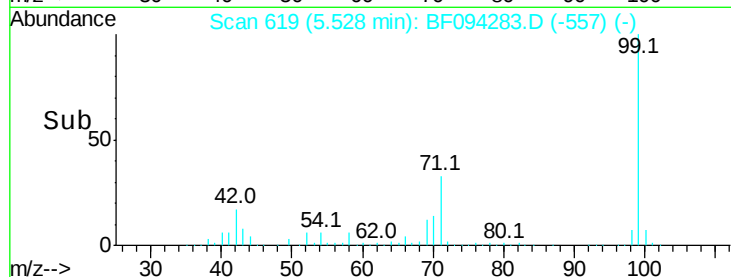
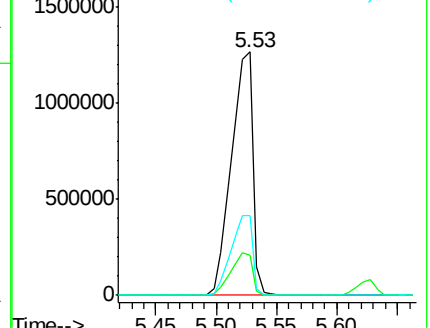
71 32.8 24.5 36.7



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: 17.59 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.16 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

Tgt Ion: 70 Resp: 133139

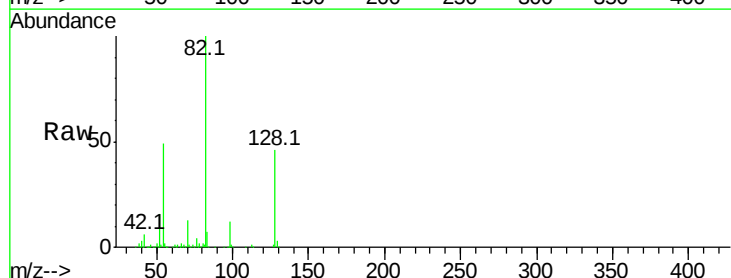
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

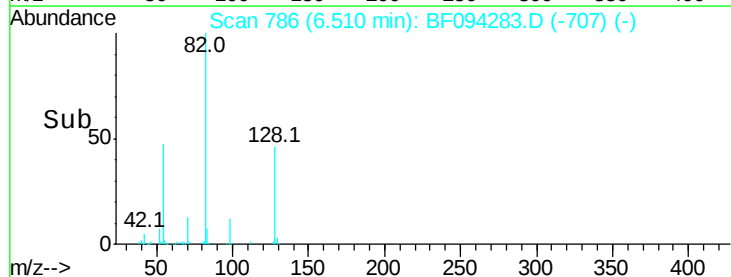
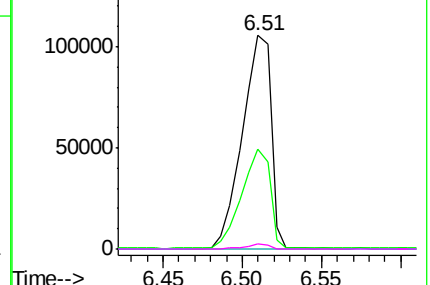


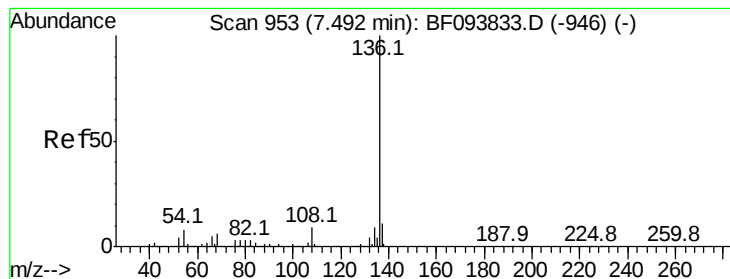
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.36 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

GP-B-03(5-10)

Tot Ion:136 Resp: 626437

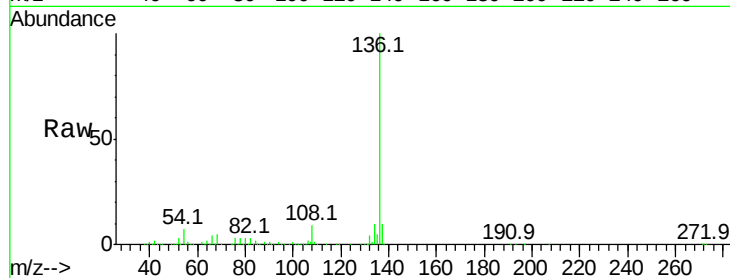
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

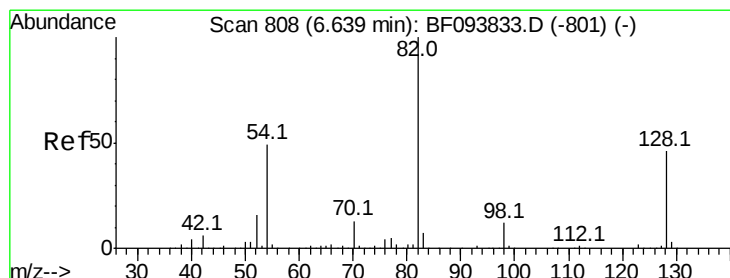
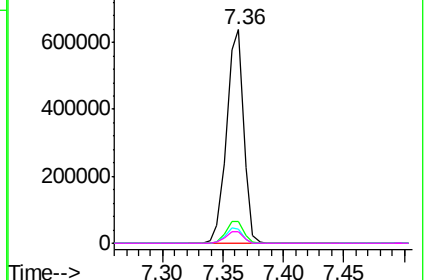
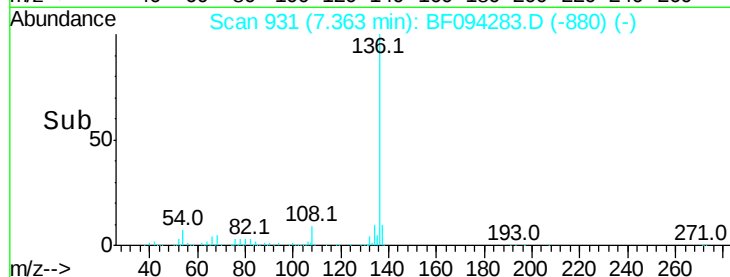


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.22 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

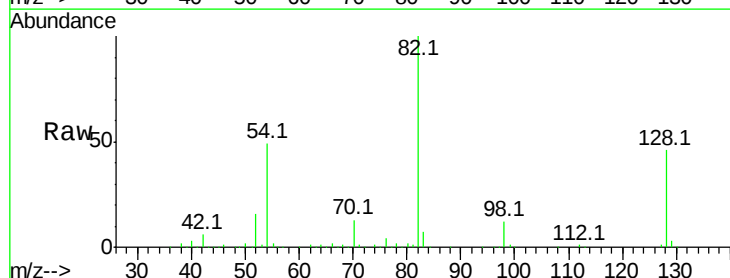
Tgt Ion: 82 Resp: 1001339

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

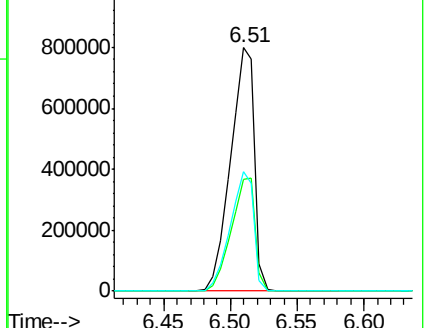
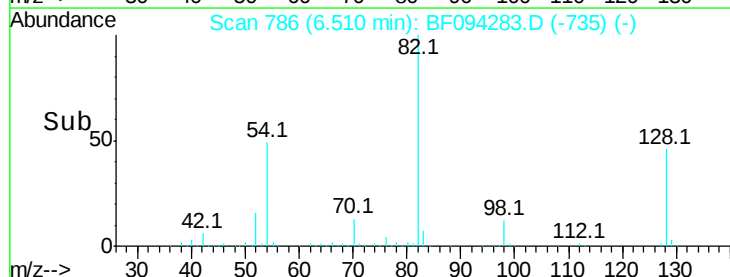
54 48.9 42.2 63.2

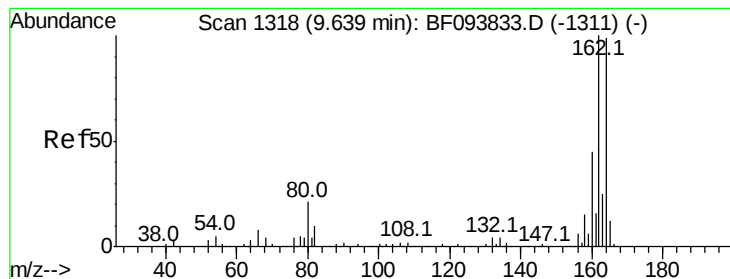


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

GP-B-03(5-10)

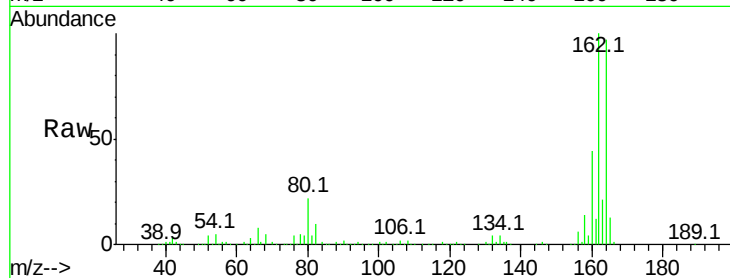
Tot Ion:164 Resp: 263785

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

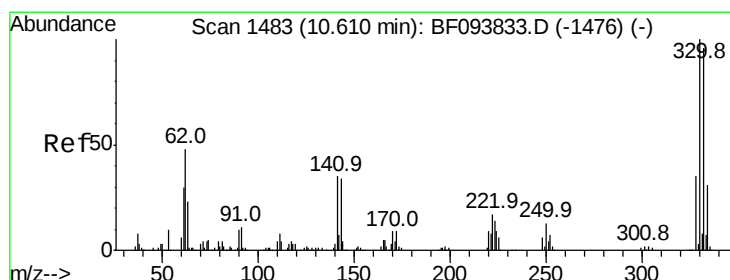
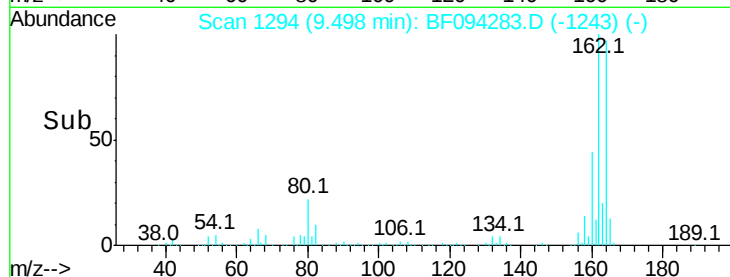
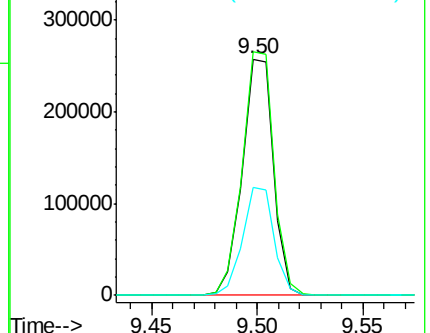
160 45.7 36.2 54.2



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: 132.64 ng

RT: 10.49 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

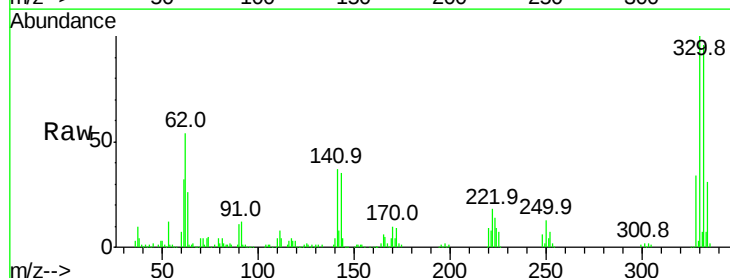
Tgt Ion:330 Resp: 276477

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

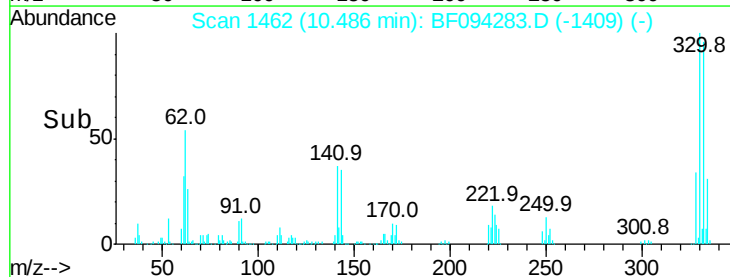
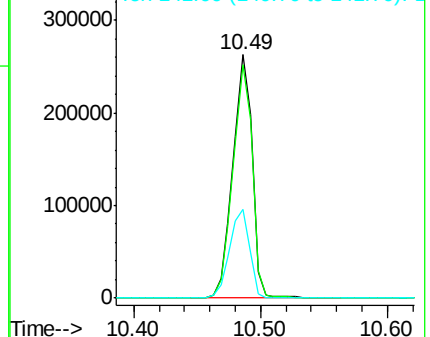
141 38.5 31.4 47.2



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

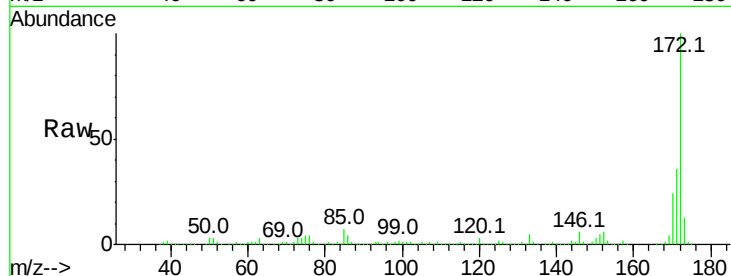




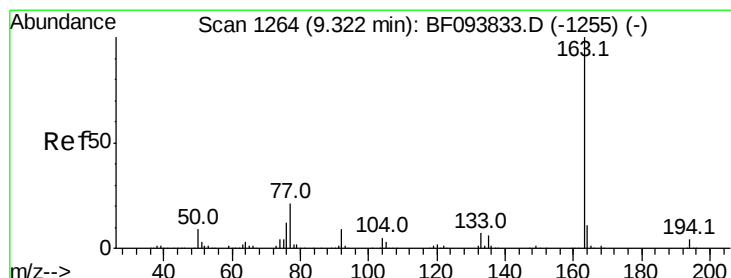
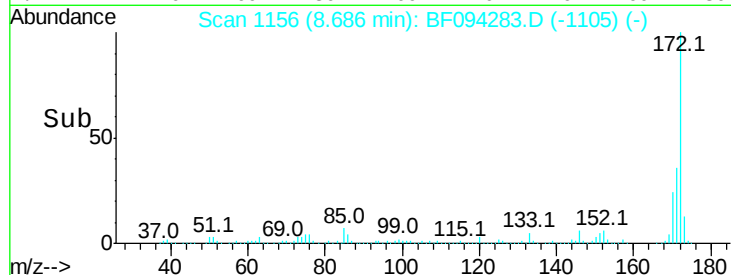
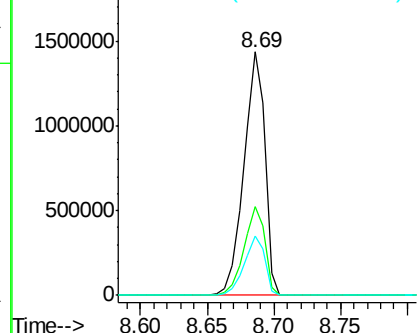
#44
2-Fluorobiphenyl
Concen: 90.58 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF094283.D
Acq: 7 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
GP-B-03(5-10)

Tot Ion:172 Resp: 1566515
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.8 29.8

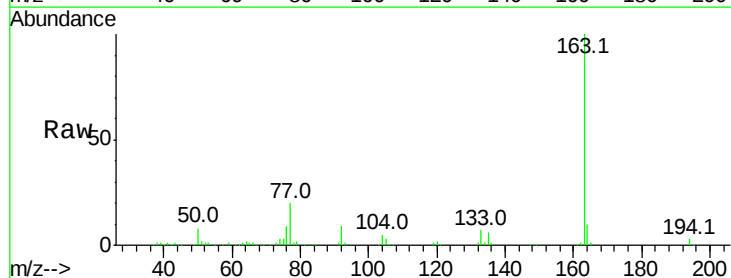


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

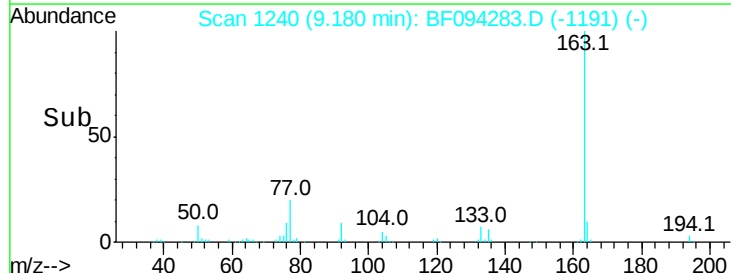
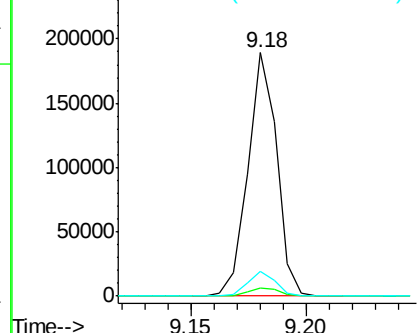


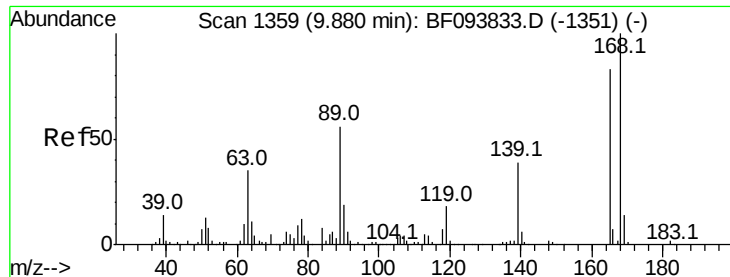
#49
Dimethylphthalate
Concen: 8.81 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF094283.D
Acq: 7 Apr 2017 20:03

Tgt Ion:163 Resp: 165105
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 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

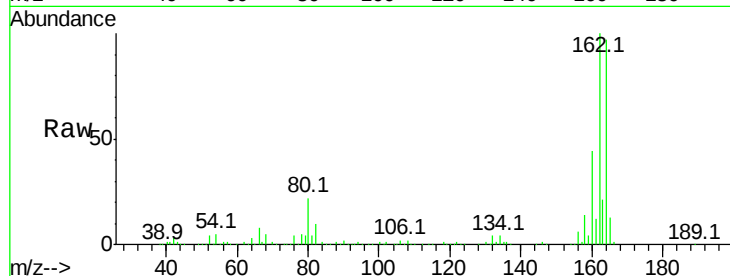




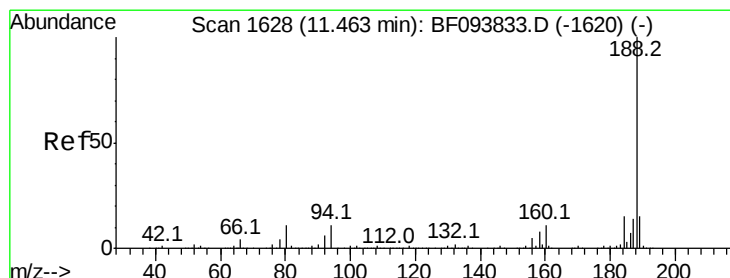
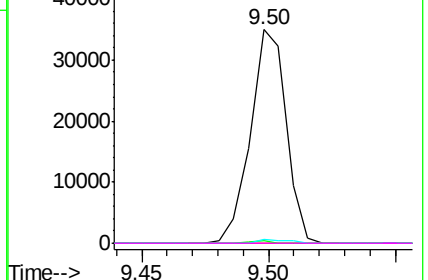
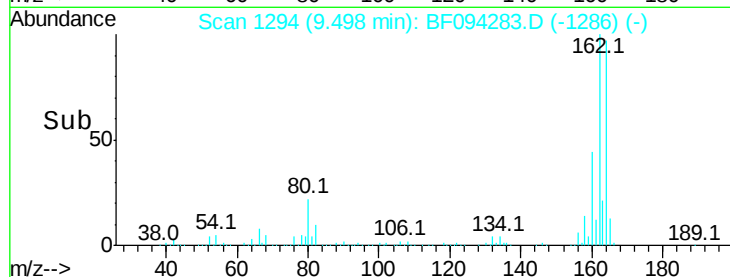
#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.25 min
 Lab File: BF094283.D
 Acq: 7 Apr 2017 20:03

Instrument :
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 ClientSampleId :
 GP-B-03(5-10)

Tot Ion:165 Resp: 34373
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 2.1 46.4 69.6#
 182 0.0 1.8 2.6#

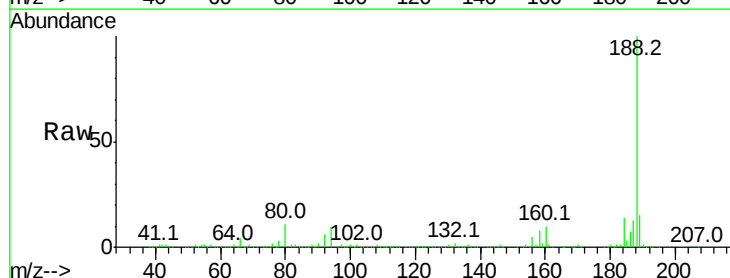


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

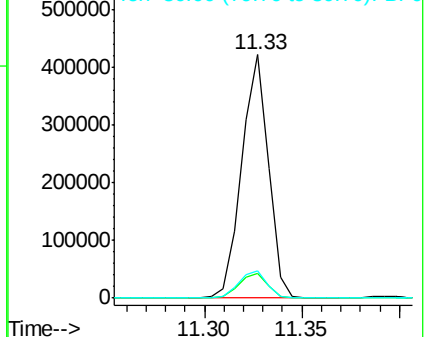
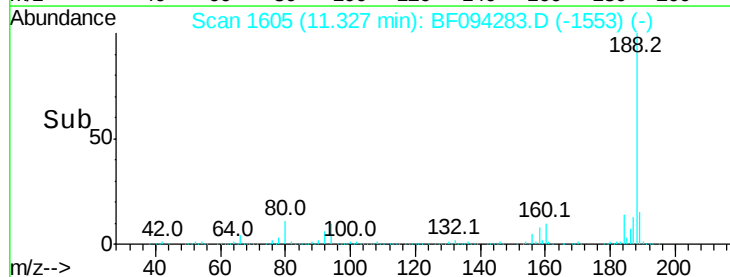


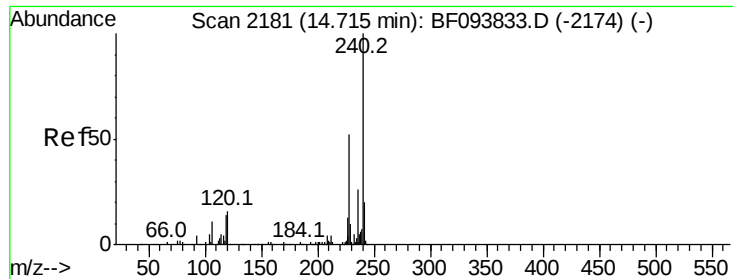
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. 0.01 min
 Lab File: BF094283.D
 Acq: 7 Apr 2017 20:03

Tgt Ion:188 Resp: 401398
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.0 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: 14.58 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

GP-B-03(5-10)

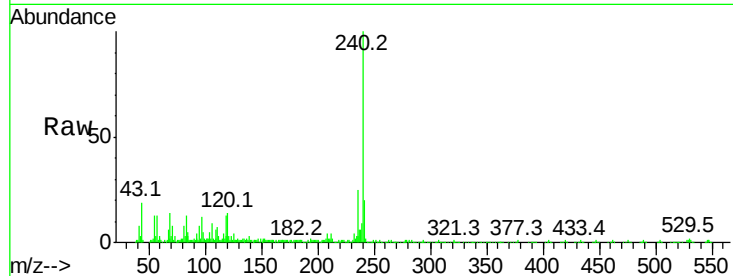
Tot Ion:240 Resp: 268033

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

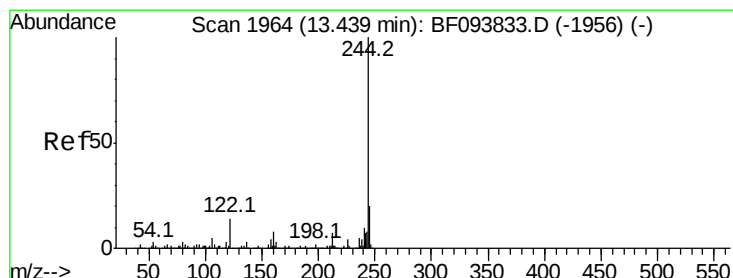
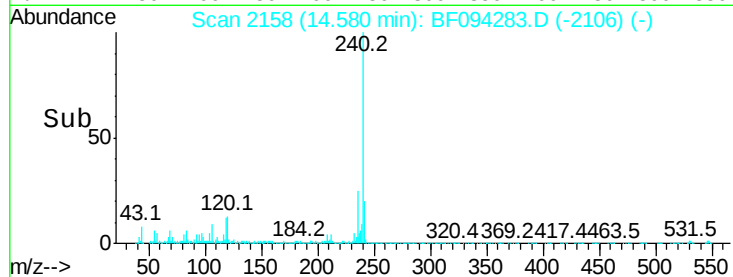
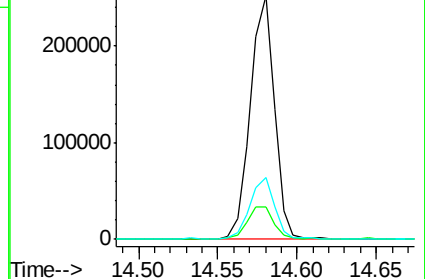
236 25.3 20.5 30.7



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: 75.77 ng

RT: 13.31 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BF094283.D

Acq: 7 Apr 2017 20:03

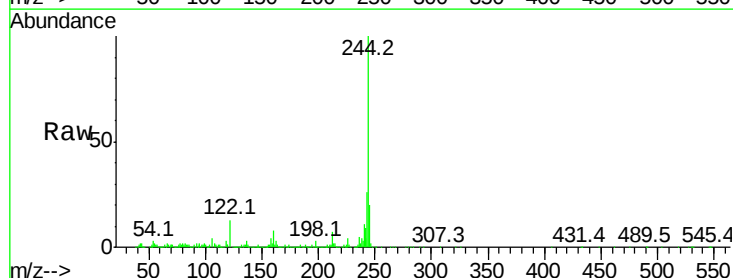
Tgt Ion:244 Resp: 906047

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

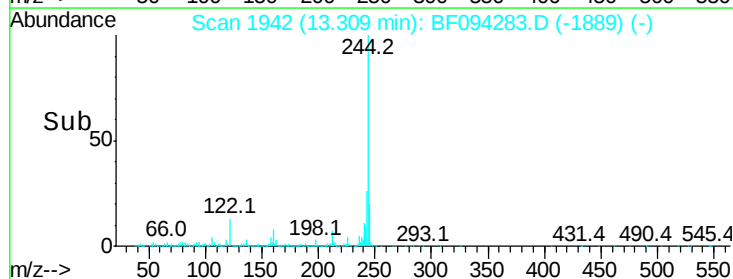
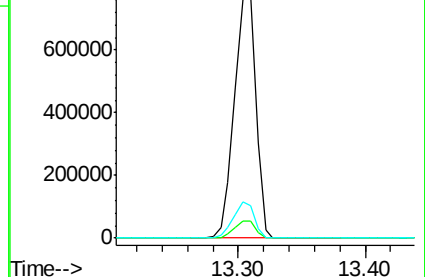
122 13.3 10.3 15.5

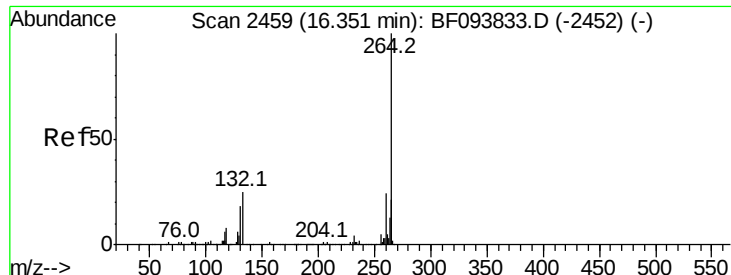


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

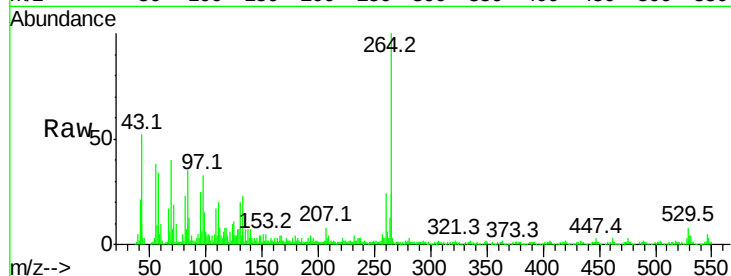




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 2435
Delta R.T. 0.02 min
Lab File: BF094283.D
Acq: 7 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
GP-B-03(5-10)

Tot Ion:264	Resp:	220232
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.5 29.3
265	24.0	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

