

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094293.D
 Acq On : 8 Apr 2017 2:05
 Operator : SJ/MA
 Sample : I2590-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-U-M

Quant Time: Apr 08 04:51:52 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

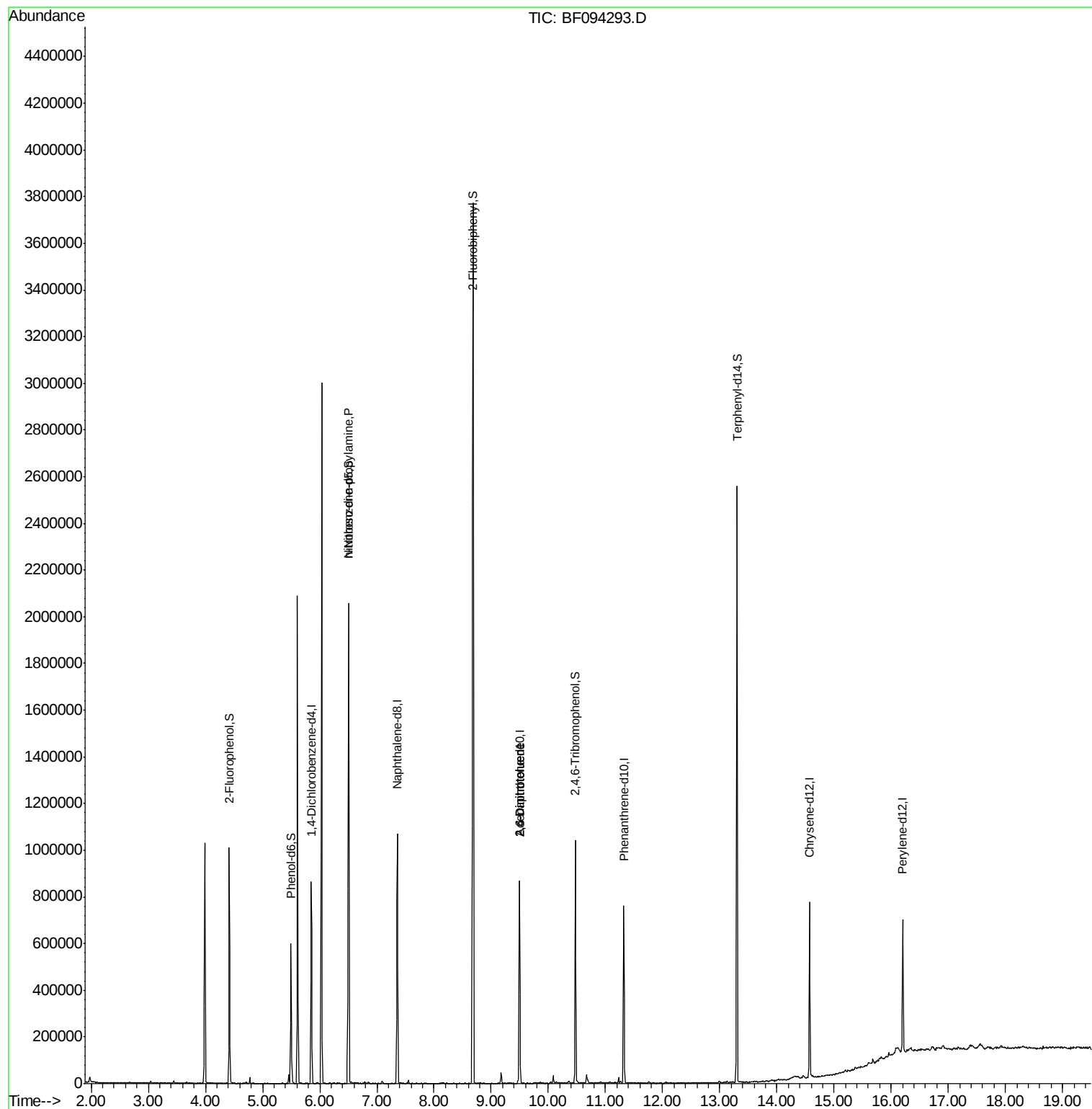
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	137268	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	504537	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	198408	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287581	20.00	ng	0.00
75) Chrysene-d12	14.57	240	271280	20.00	ng	0.00
86) Perylene-d12	16.20	264	222051	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	279881	34.44	ng	0.03
7) Phenol-d6	5.49	99	229881	22.86	ng	0.03
23) Nitrobenzene-d5	6.50	82	817099	92.42	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	118181	75.38	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1407283	108.19	ng	0.00
78) Terphenyl-d14	13.30	244	900902	74.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.50	70	107984	16.71	ng	# 78
50) 2,6-Dinitrotoluene	9.49	165	25198	7.79	ng	# 31
56) 2,4-Dinitrotoluene	9.49	165	25198	6.20	ng	# 31

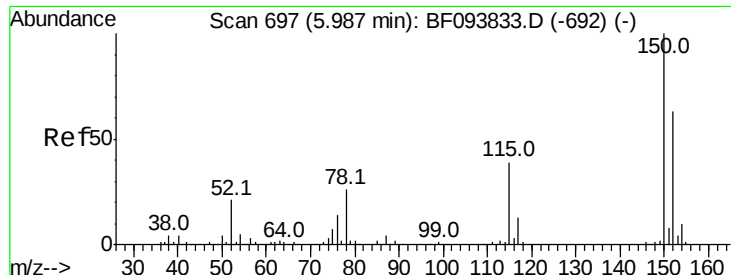
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 04:51:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-U-M

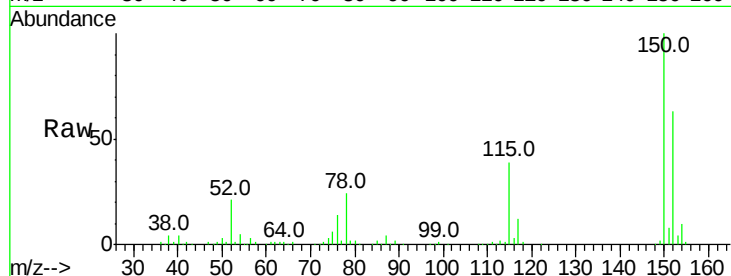
Tot Ion:152 Resp: 137268

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

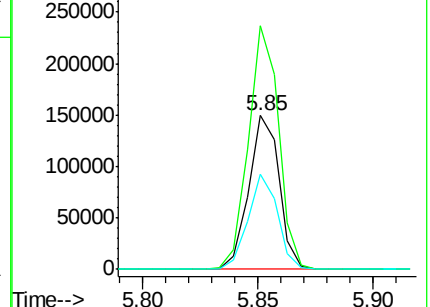
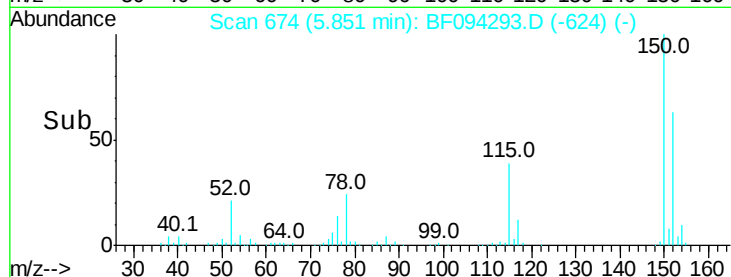
115 62.2 52.2 78.2



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: 34.44 ng

RT: 4.42 min Scan# 430

Delta R.T. 0.03 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

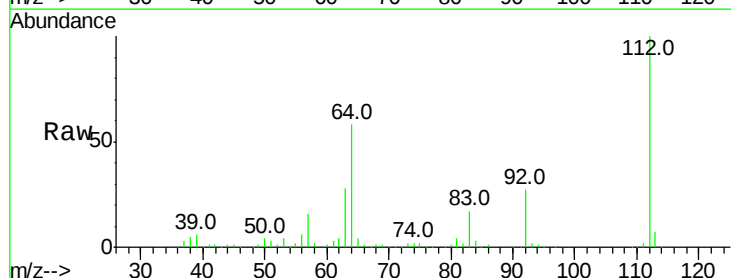
Tgt Ion:112 Resp: 279881

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

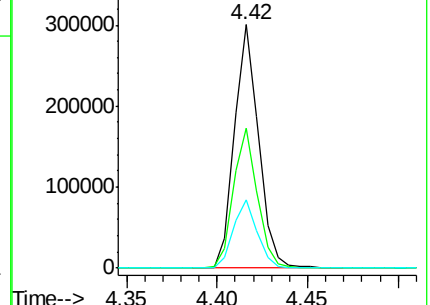
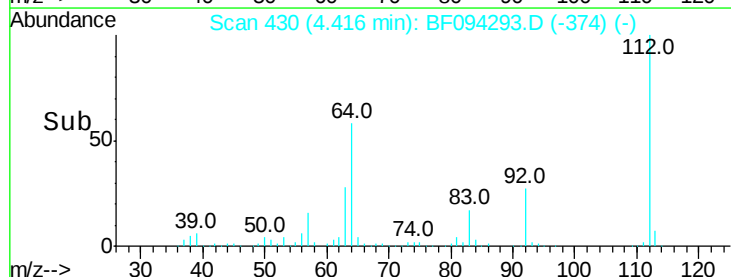
63 28.3 23.4 35.0



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: 22.86 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-U-M

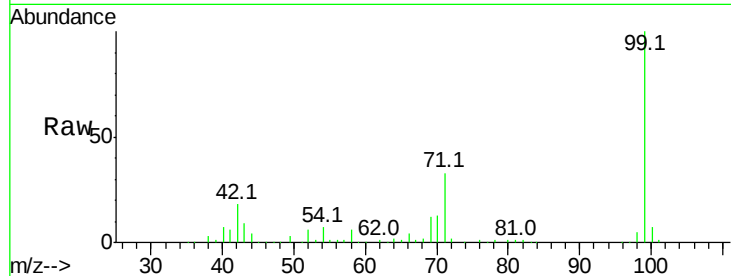
Tot Ion: 99 Resp: 229881

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

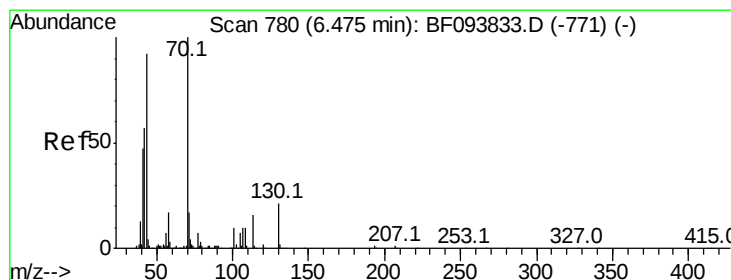
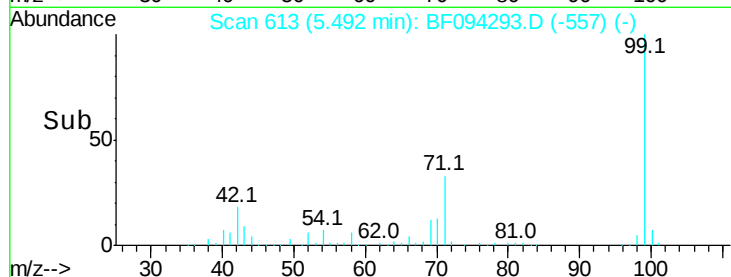
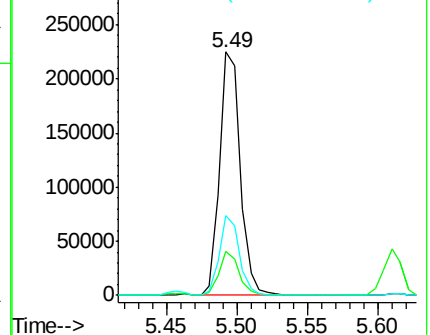
71 32.6 24.5 36.7



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: 16.71 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

Tgt Ion: 70 Resp: 107984

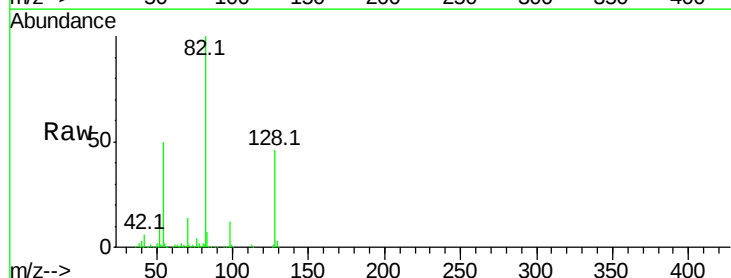
Ion Ratio Lower Upper

70 100

42 47.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

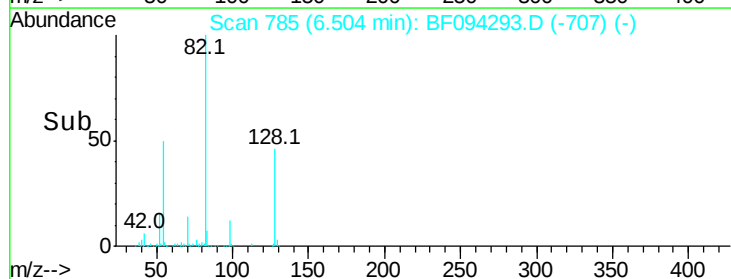
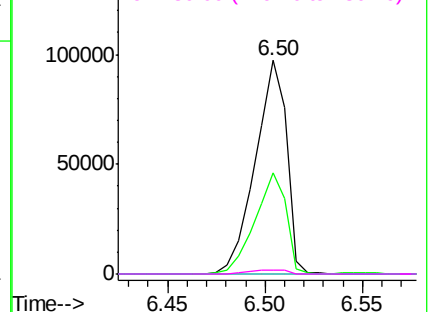


Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 930

Delta R.T. -0.01 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-U-M

Tot Ion:136 Resp: 504537

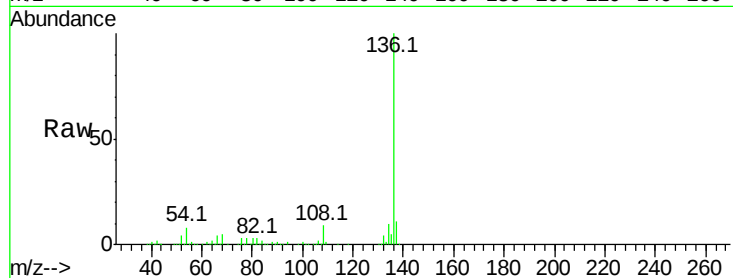
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 5.5 4.1 6.1

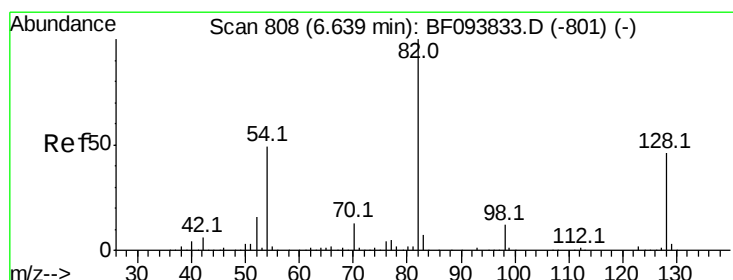
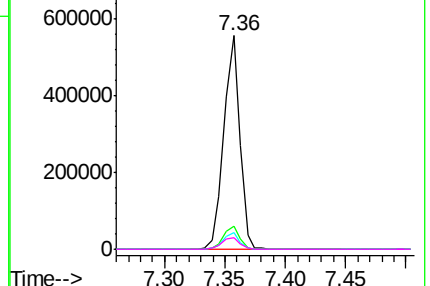
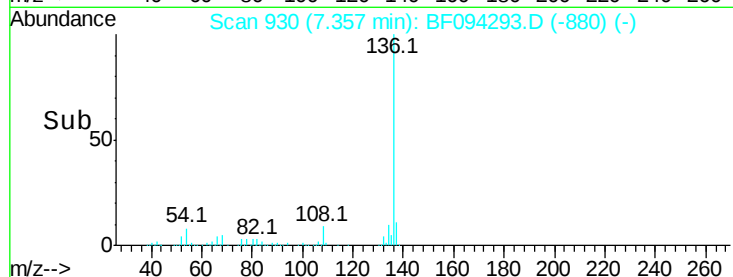


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.42 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

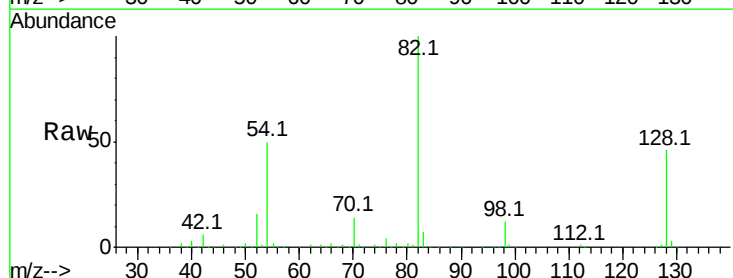
Tgt Ion: 82 Resp: 817099

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

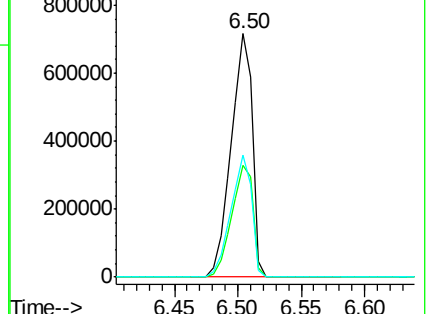
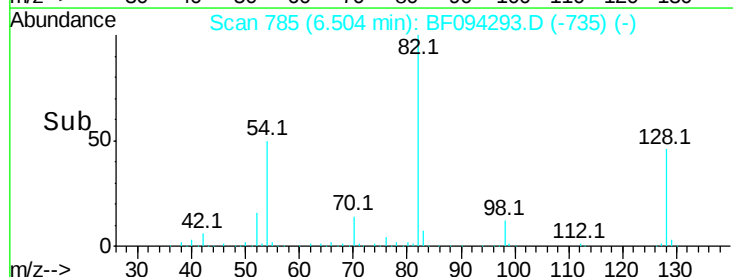
54 50.1 42.2 63.2



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: BF094293.D

Acq: 8 Apr 2017 2:05

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-U-M

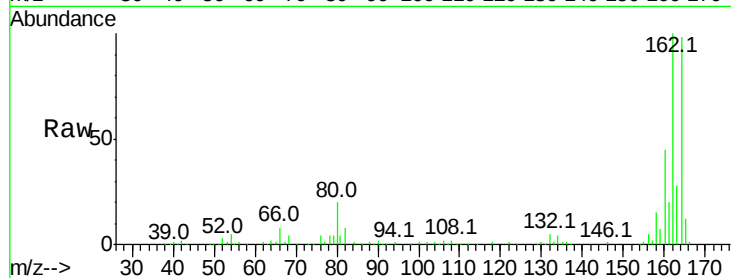
Tot Ion:164 Resp: 198408

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

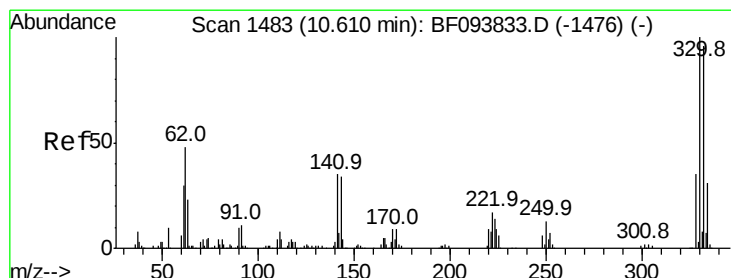
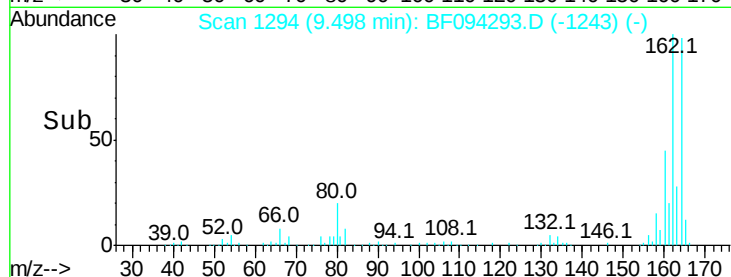
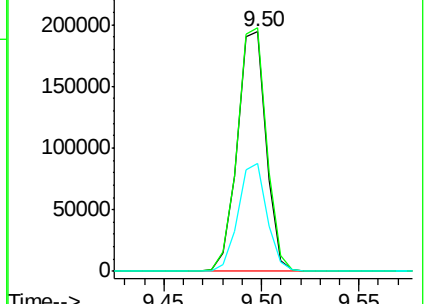
160 45.3 36.2 54.2



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: 75.38 ng

RT: 10.47 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

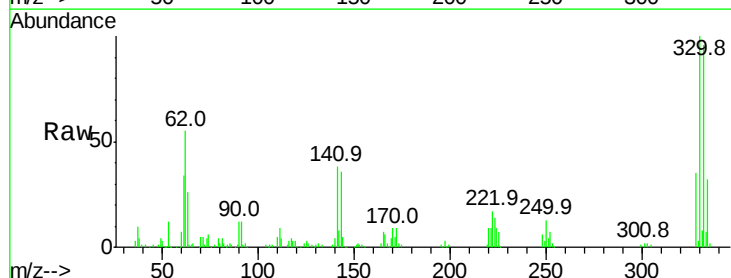
Tgt Ion:330 Resp: 118181

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

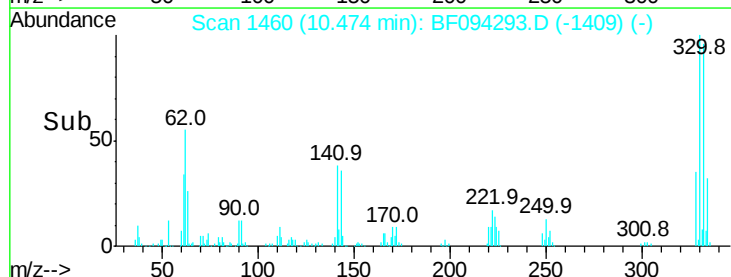
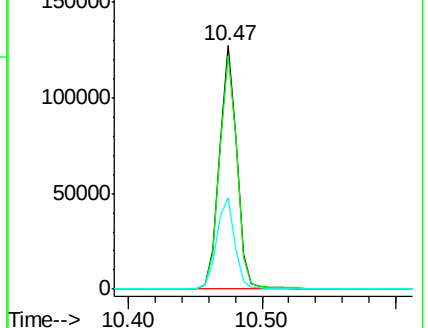
141 39.6 31.4 47.2



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



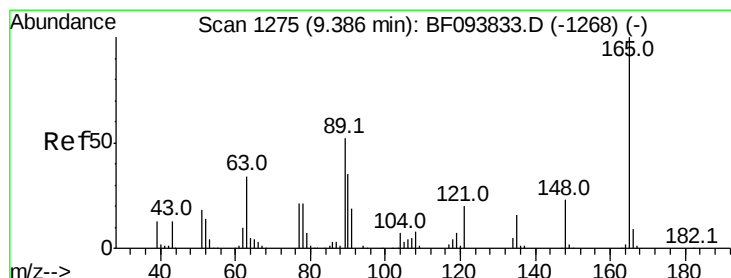
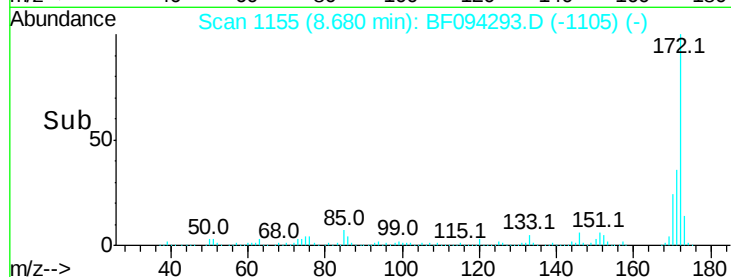
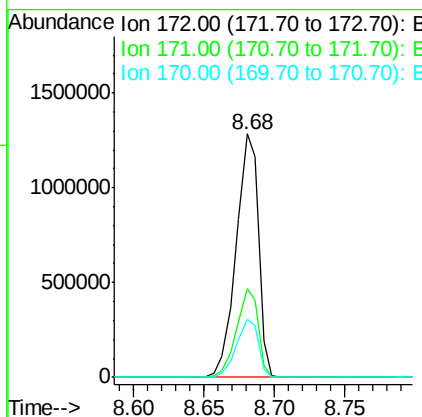
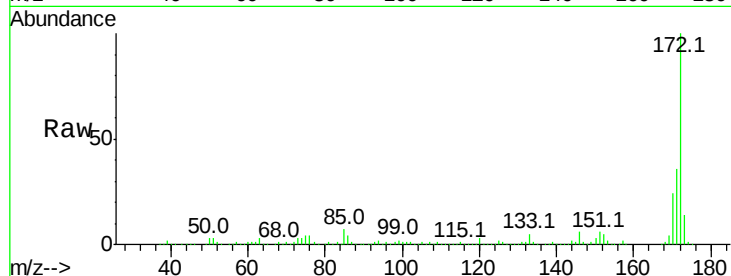


#44
 2-Fluorobiphenyl
 Concen: 108.19 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094293.D
 Acq: 8 Apr 2017 2:05

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-U-M

Tot Ion:172 Resp: 1407283

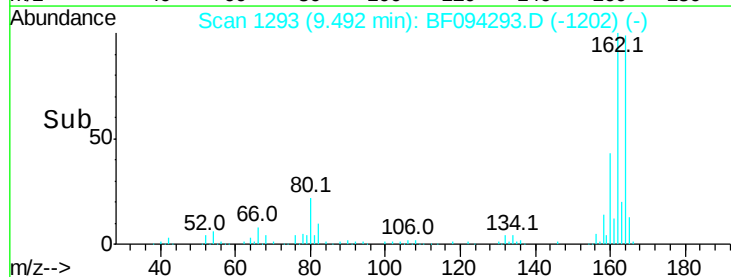
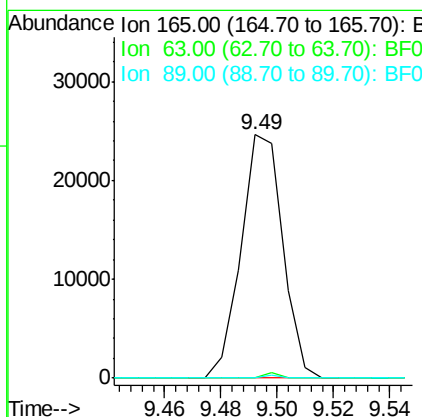
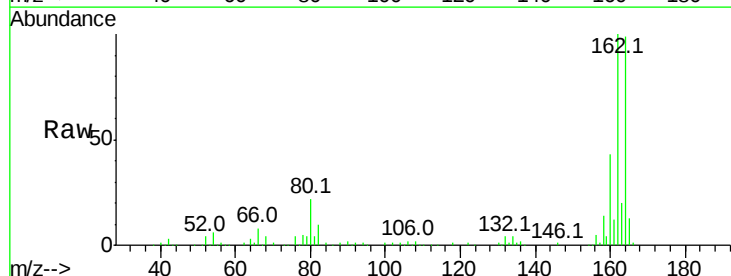
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.24 min
 Lab File: BF094293.D
 Acq: 8 Apr 2017 2:05

Tgt Ion:165 Resp: 25198

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

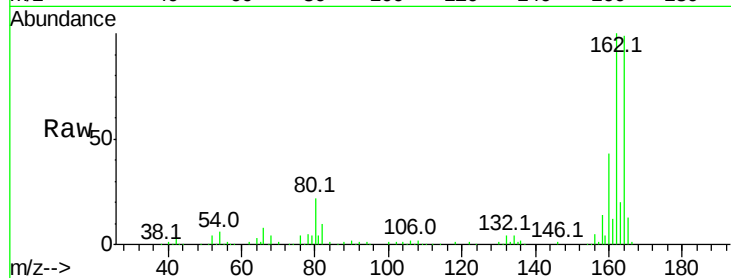




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094293.D
 Acq: 8 Apr 2017 2:05

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-U-M

Tot Ion:	165	Resp:	25198
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

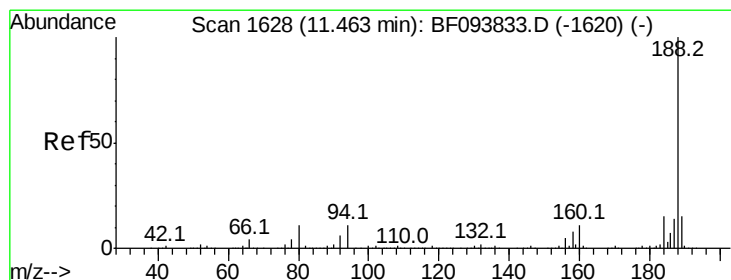
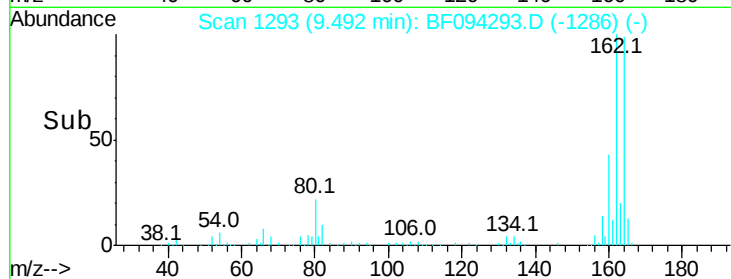
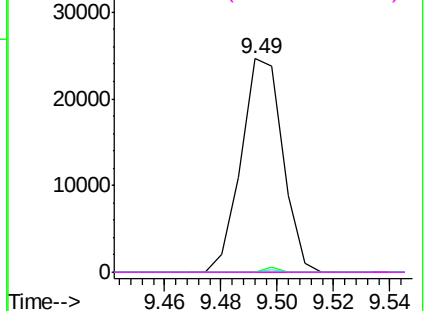


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

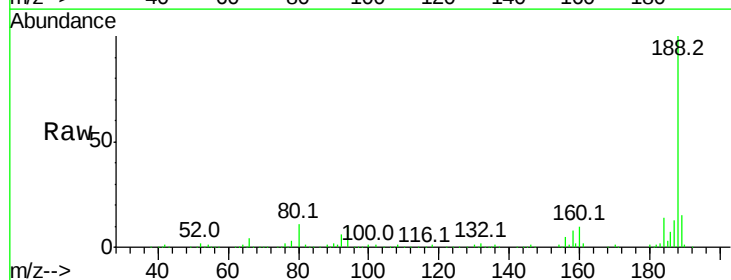
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094293.D
 Acq: 8 Apr 2017 2:05

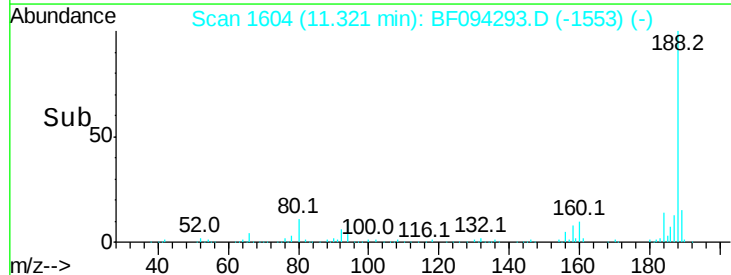
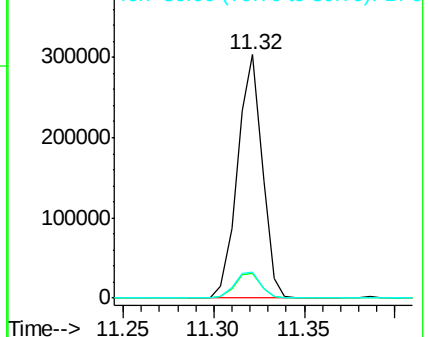
Tgt Ion:	188	Resp:	287581
Ion Ratio	Lower	Upper	
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2

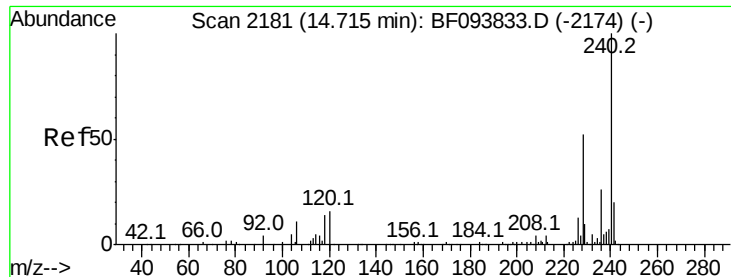


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

Instrument :

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ClientSampleId :

040517-PRRT-E-U-M

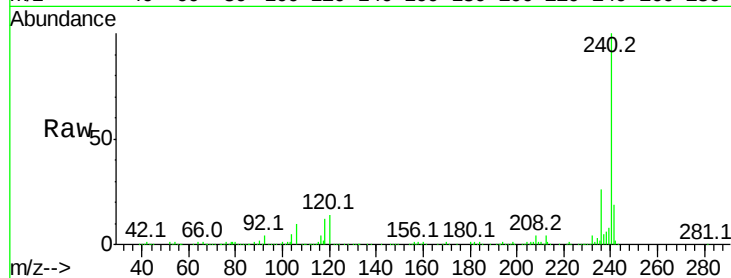
Tot Ion:240 Resp: 271280

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

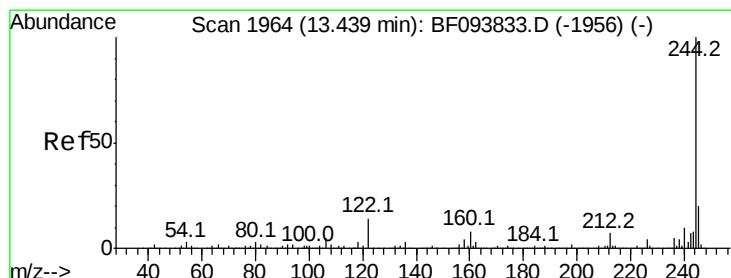
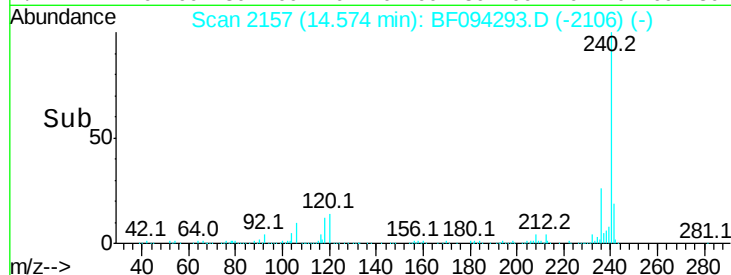
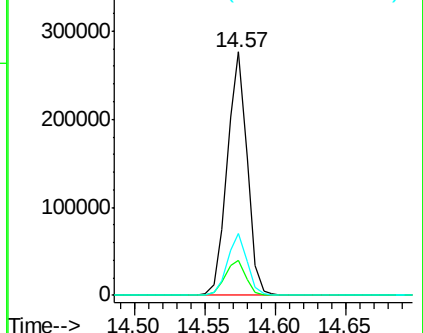
236 25.6 20.5 30.7



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: 74.44 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094293.D

Acq: 8 Apr 2017 2:05

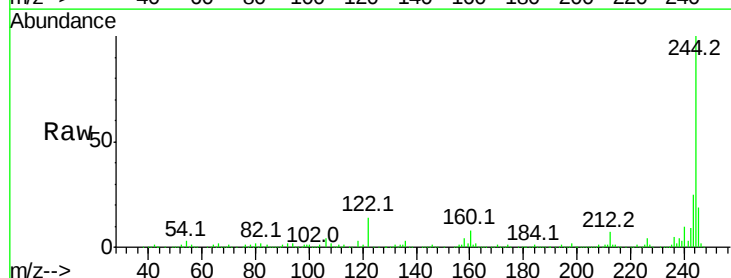
Tgt Ion:244 Resp: 900902

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

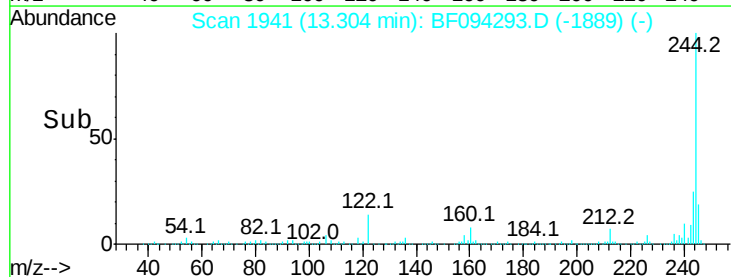
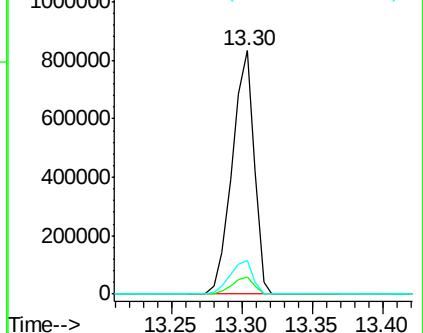
122 13.6 10.3 15.5

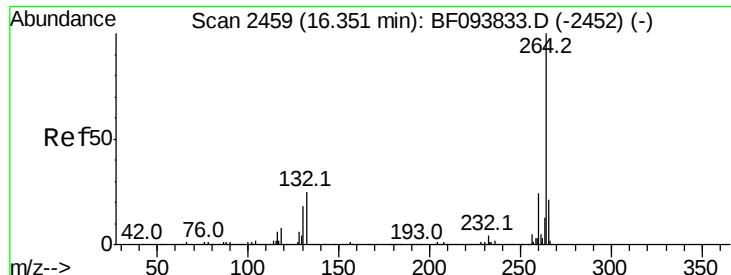


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

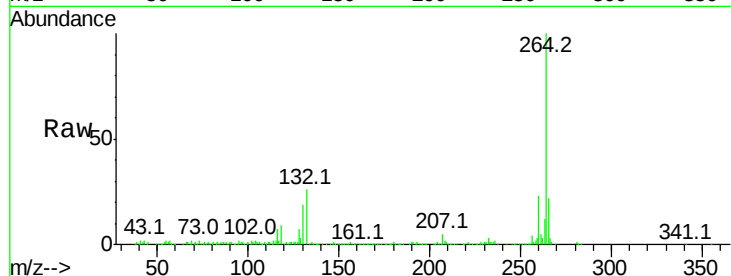




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094293.D
Acq: 8 Apr 2017 2:05

Instrument :
BNA_F
ClientSampleId :
040517-PRRT-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.3	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

