

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095341.D
 Acq On : 23 May 2017 7:45
 Operator : SJ/MA
 Sample : I3249-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 08:29:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

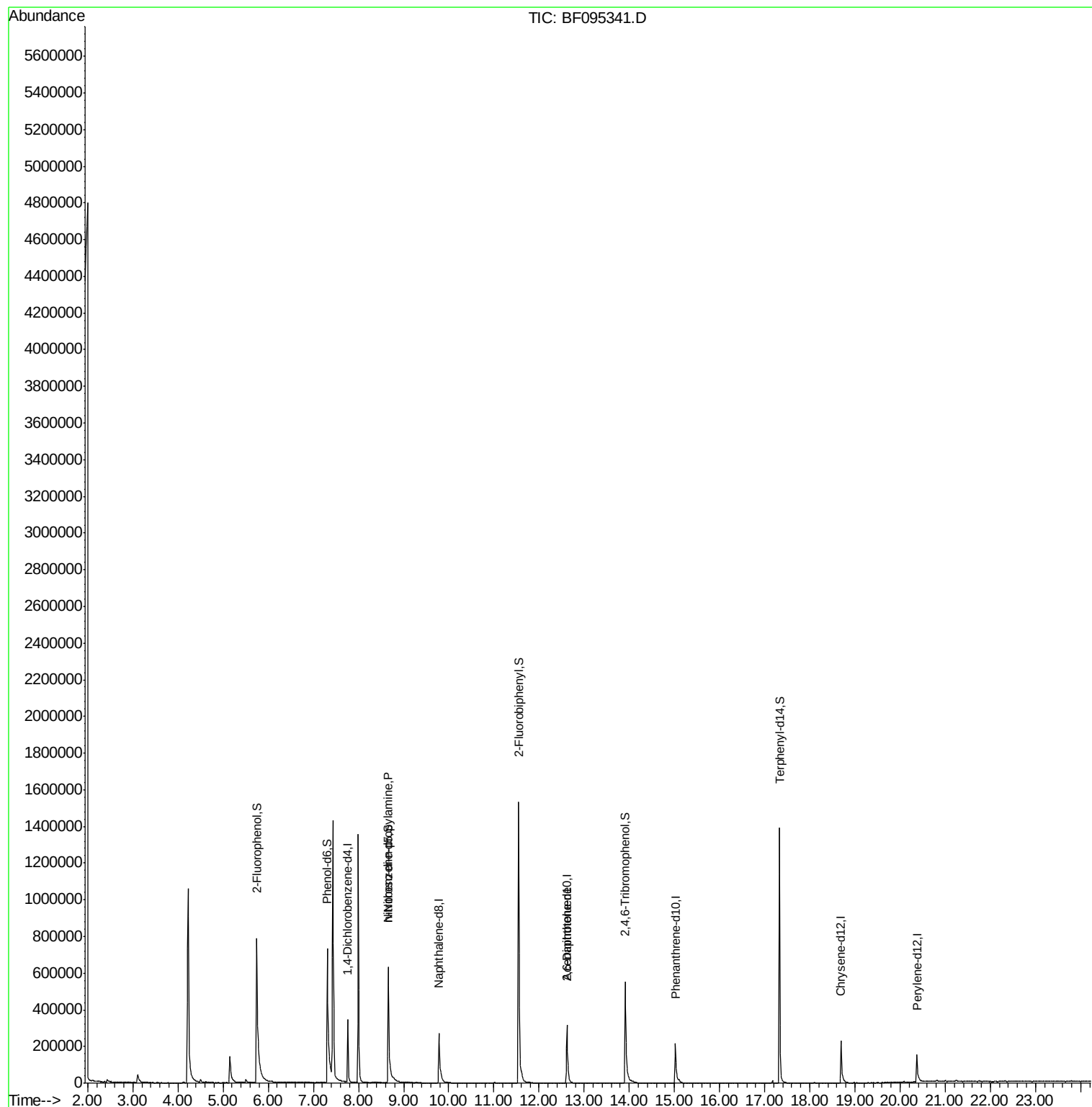
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	77914	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	313329	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	143085	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	184457	20.00	ng	0.00
75) Chrysene-d12	18.69	240	165727	20.00	ng	0.00
86) Perylene-d12	20.37	264	111989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	648176	138.70	ng	0.00
7) Phenol-d6	7.31	99	715159	127.54	ng	0.00
23) Nitrobenzene-d5	8.66	82	463484	93.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	148174	126.45	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	959099	96.48	ng	-0.01
78) Terphenyl-d14	17.33	244	600529	79.81	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	52215	13.77	ng	# 76
50) 2,6-Dinitrotoluene	12.61	165	13393	5.59	ng	# 31

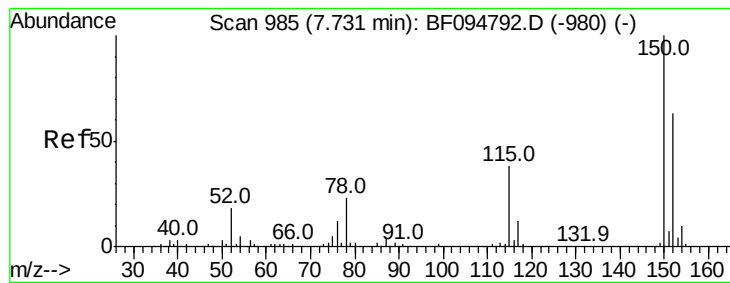
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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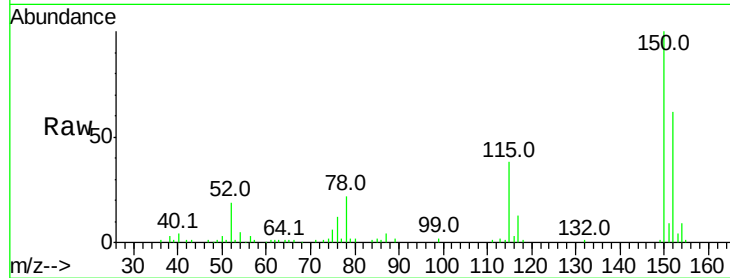


#1

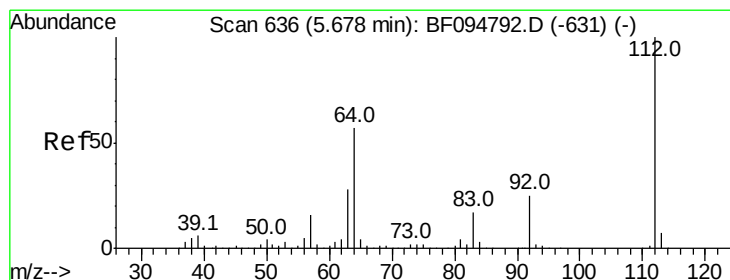
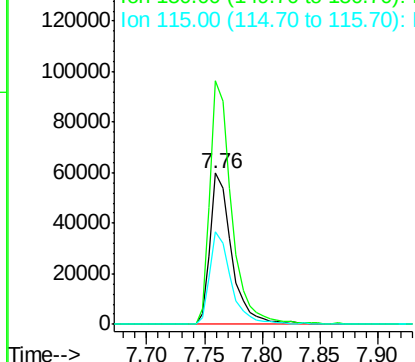
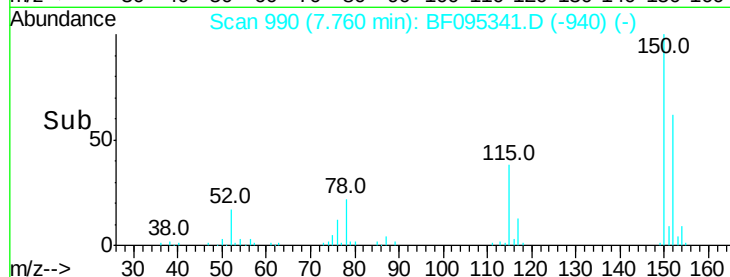
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095341.D
Acq: 23 May 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77914
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 61.3 52.2 78.2



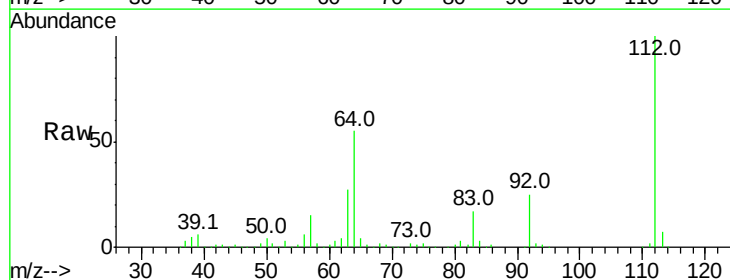
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



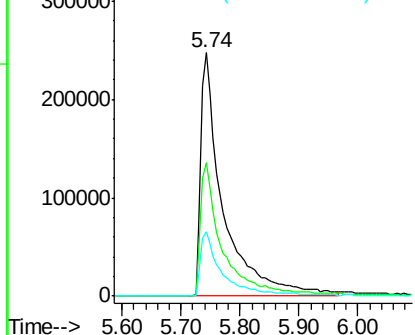
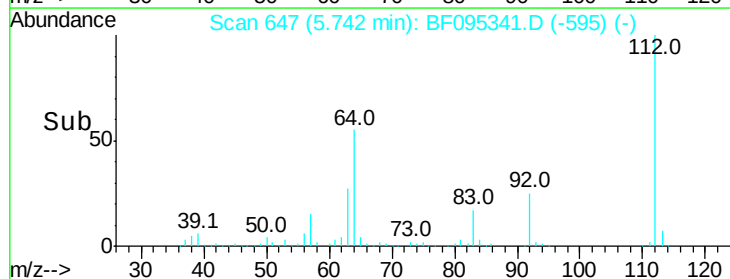
#5

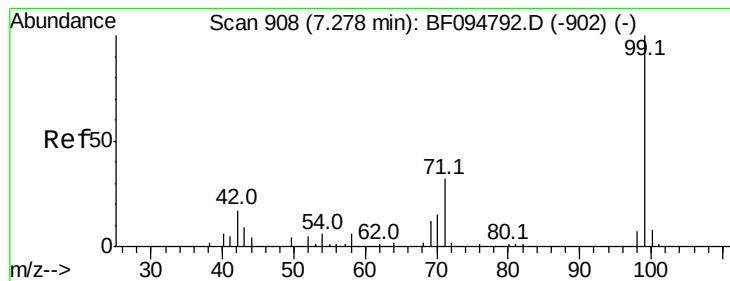
2-Fluorophenol
Concen: 138.70 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095341.D
Acq: 23 May 2017 7:45

Tgt Ion:112 Resp: 648176
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 26.5 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: 127.54 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095341.D

Acq: 23 May 2017 7:45

Instrument :

BNA_F

ClientSampleId :

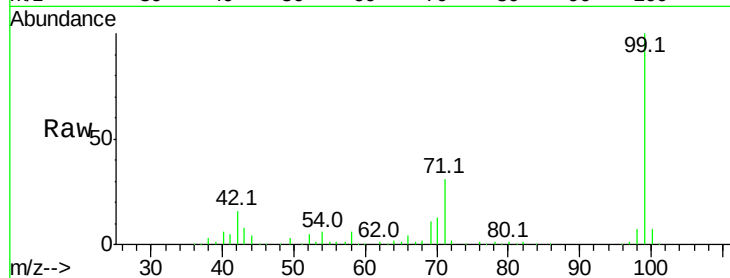
Tot Ion: 99 Resp: 715159

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

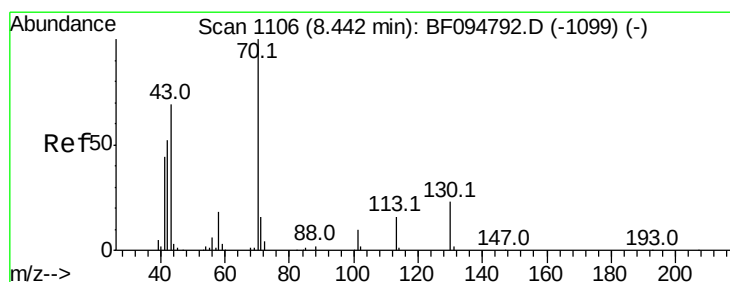
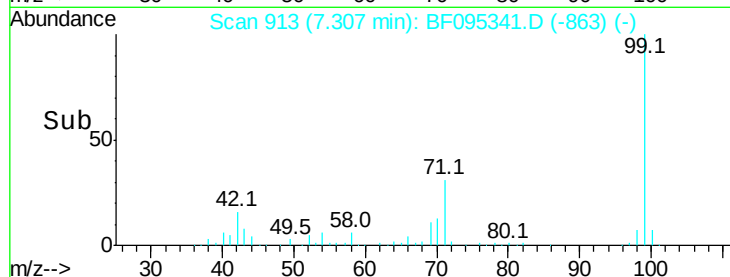
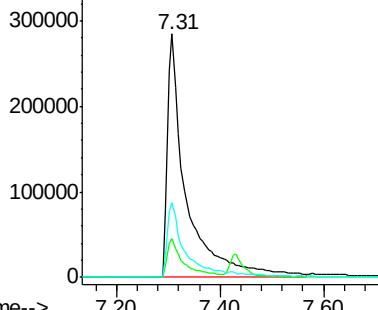
71 30.7 24.5 36.7



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: 13.77 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095341.D

Acq: 23 May 2017 7:45

Tgt Ion: 70 Resp: 52215

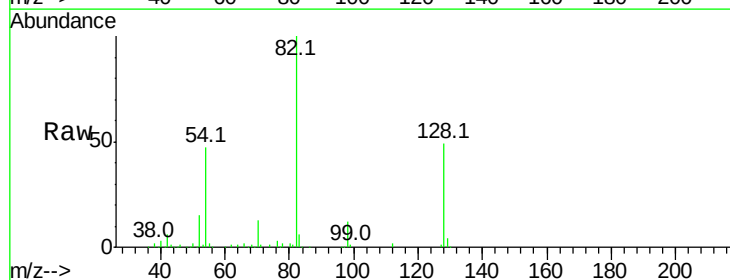
Ion Ratio Lower Upper

70 100

42 45.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

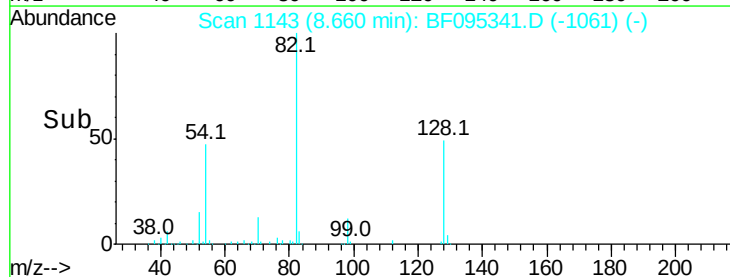
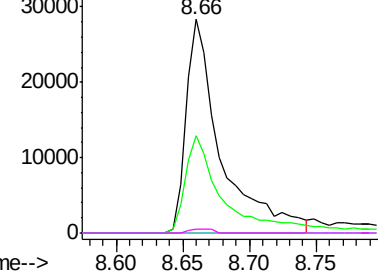


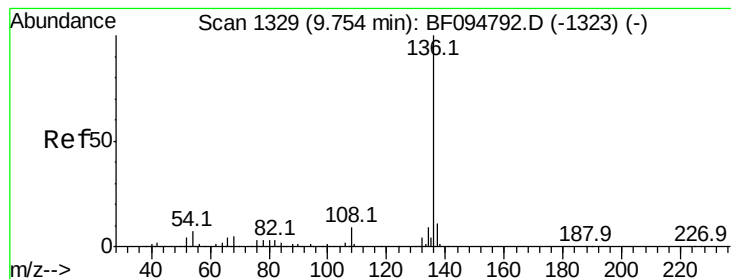
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095341.D

Acq: 23 May 2017 7:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 313329

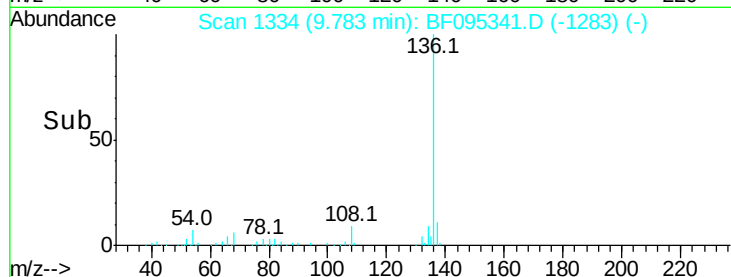
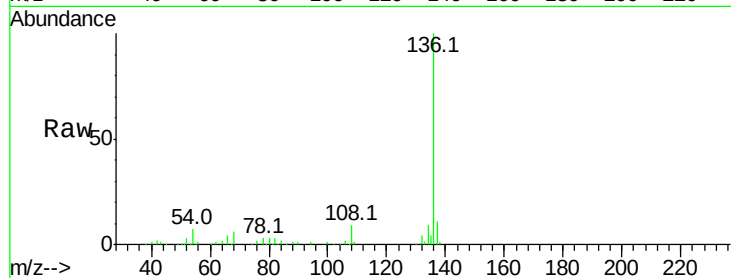
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

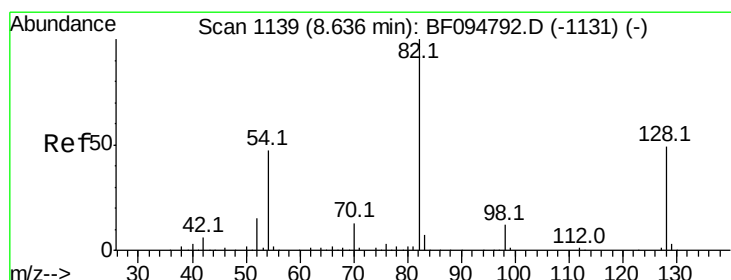
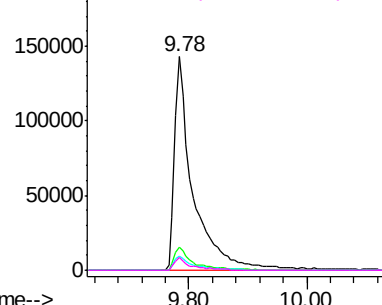


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 93.28 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095341.D

Acq: 23 May 2017 7:45

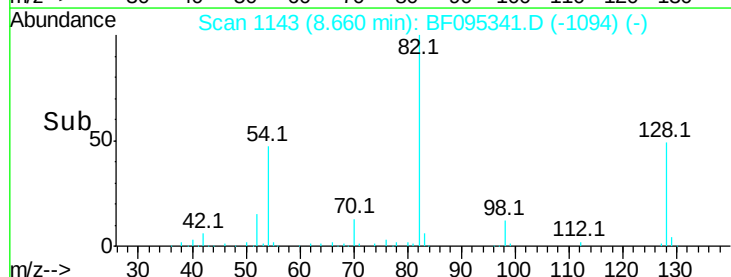
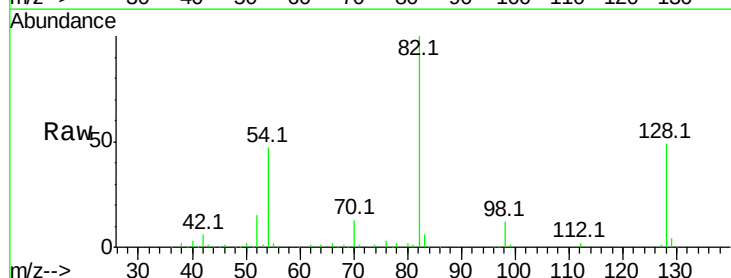
Tgt Ion: 82 Resp: 463484

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

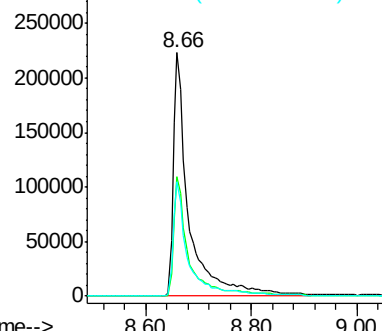
54 46.9 42.2 63.2

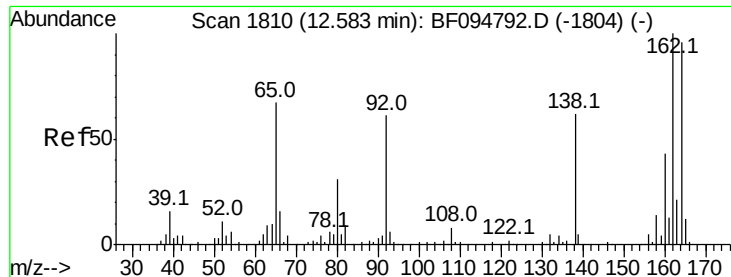


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095341.D

Acq: 23 May 2017 7:45

Instrument :

BNA_F

ClientSampleId :

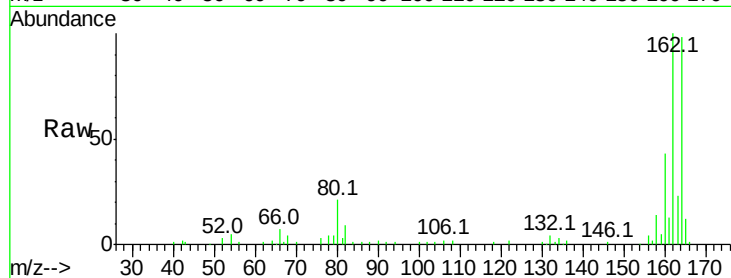
Tot Ion:164 Resp: 143085

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

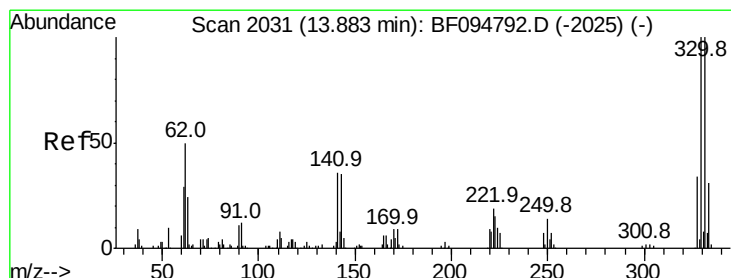
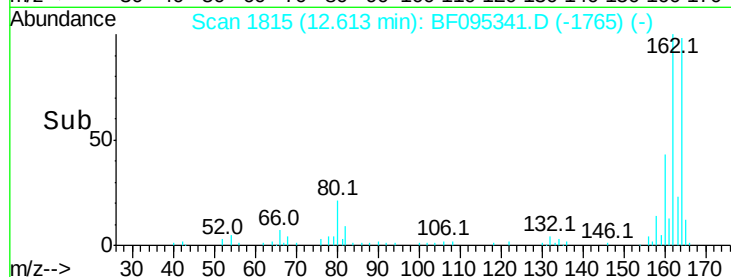
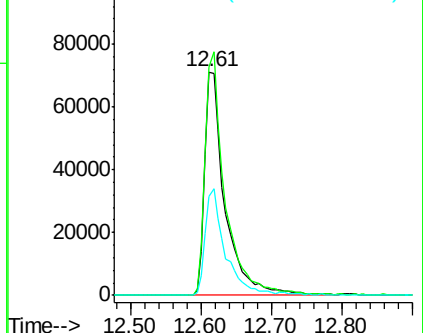
160 44.4 36.2 54.2



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: 126.45 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095341.D

Acq: 23 May 2017 7:45

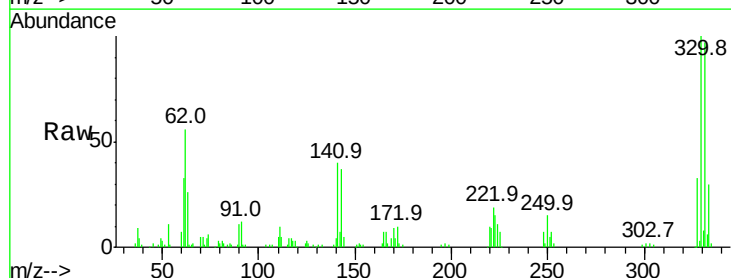
Tgt Ion:330 Resp: 148174

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

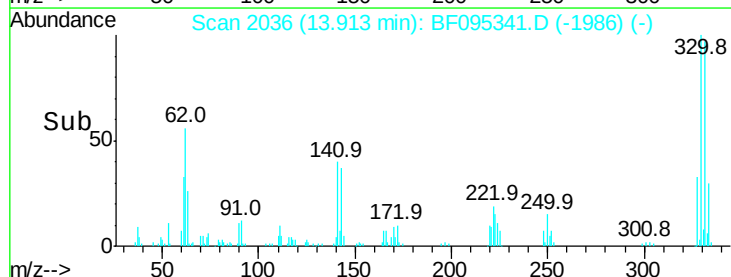
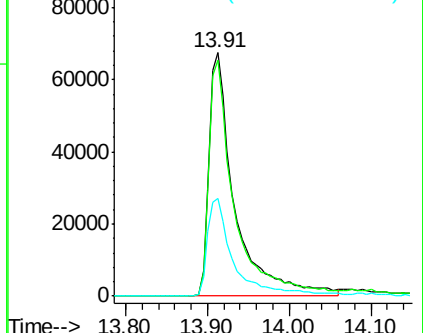
141 41.2 31.4 47.2

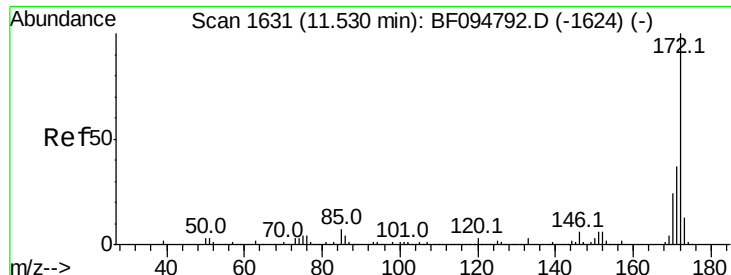


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

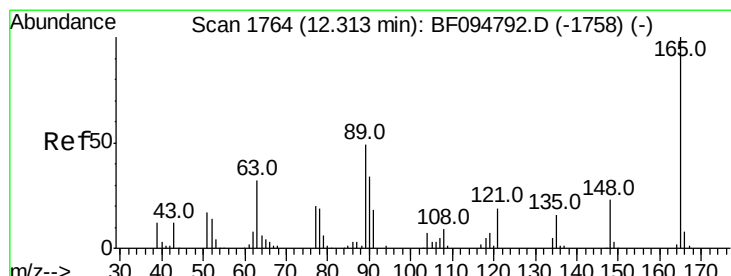
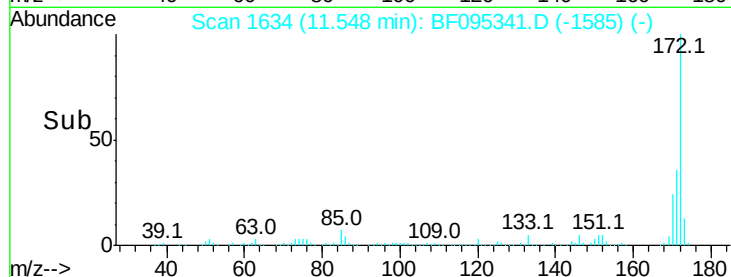
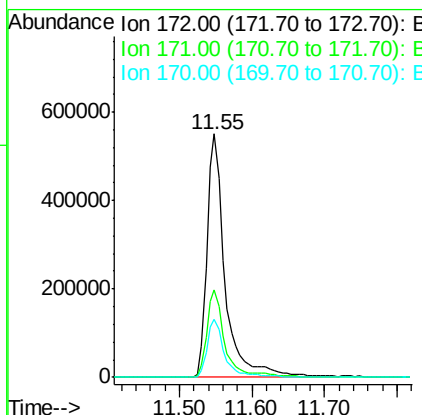
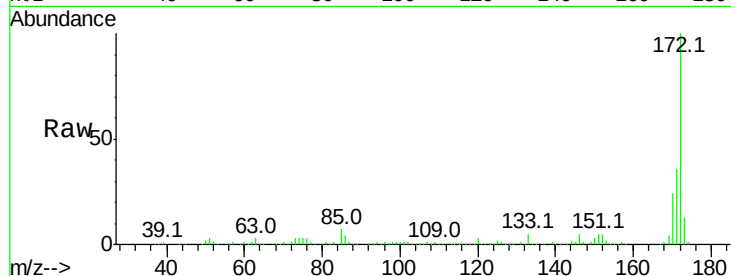




#44
 2-Fluorobiphenyl
 Concen: 96.48 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095341.D
 Acq: 23 May 2017 7:45

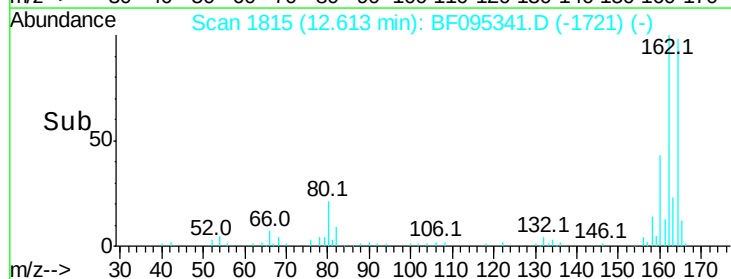
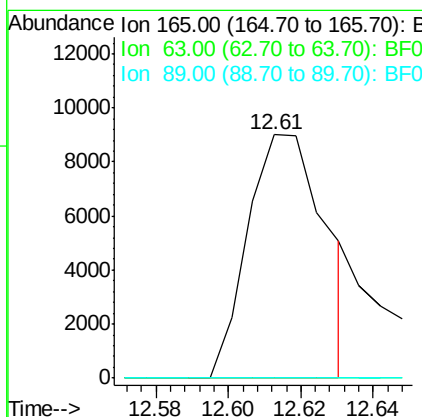
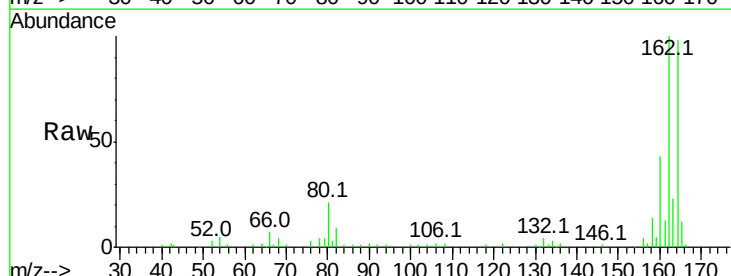
Instrument :
 BNA_F
 ClientSampleId :

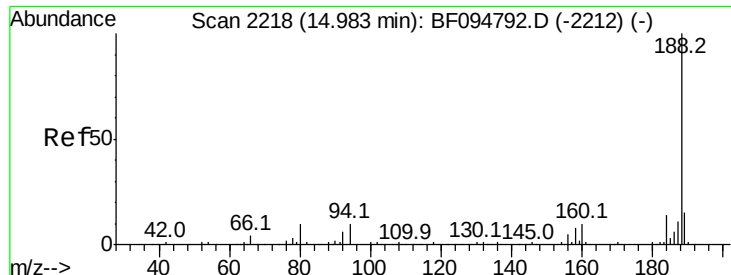
Tot Ion:172 Resp: 959099
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.59 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095341.D
 Acq: 23 May 2017 7:45

Tgt Ion:165 Resp: 13393
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

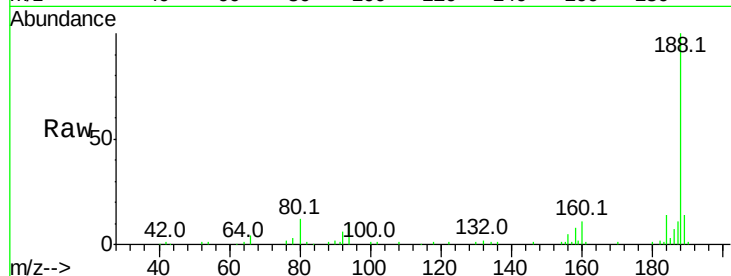




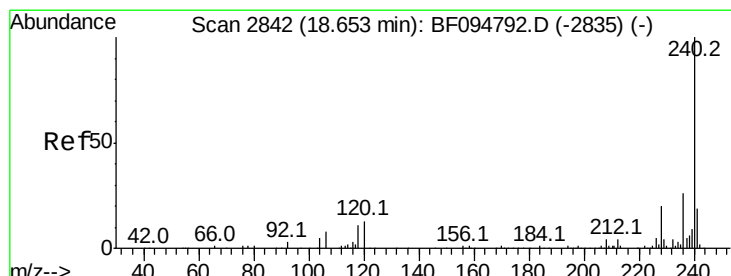
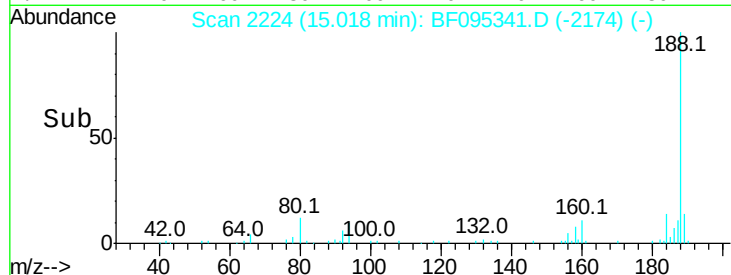
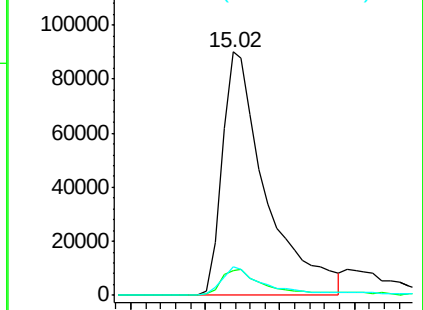
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095341.D
 Acq: 23 May 2017 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 184457
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.6 10.2 15.2

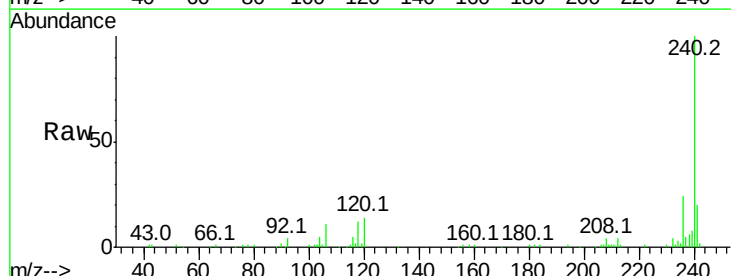


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

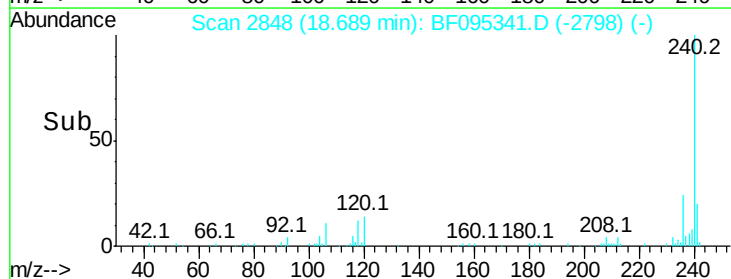
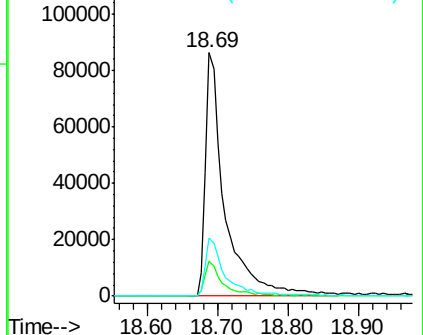


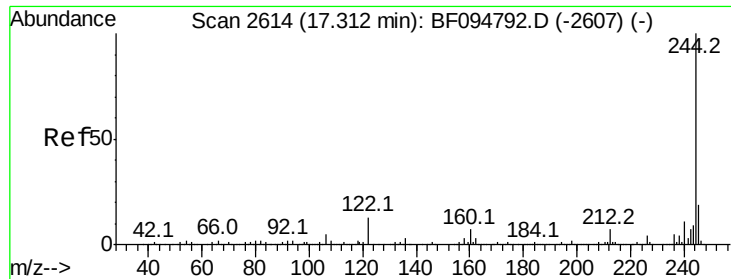
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095341.D
 Acq: 23 May 2017 7:45

Tgt Ion:240 Resp: 165727
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 24.0 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

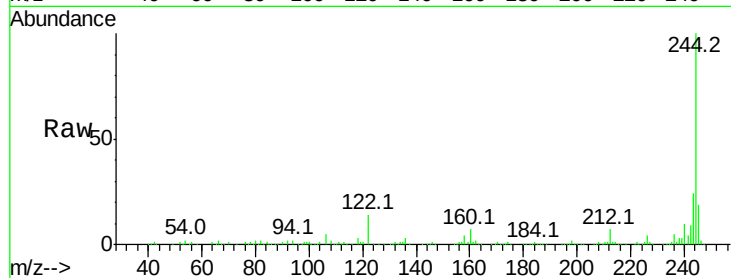




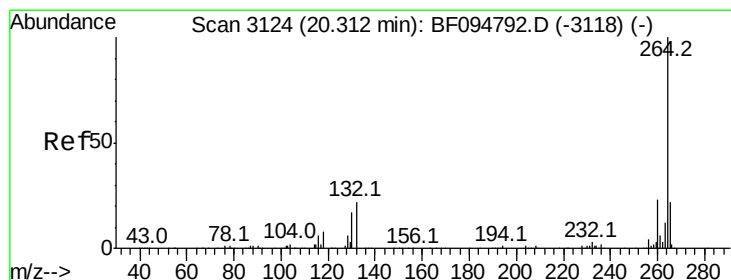
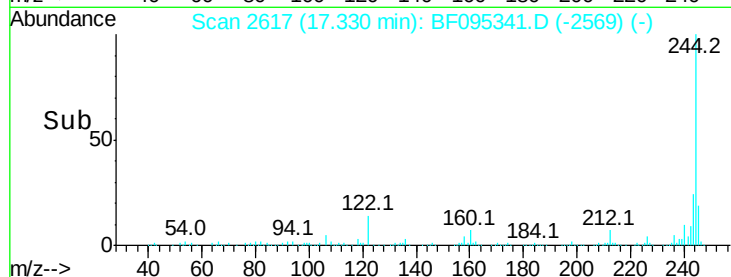
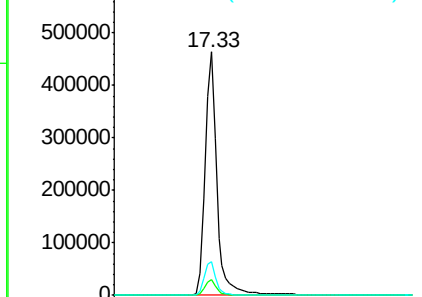
#78
 Terphenyl-d14
 Concen: 79.81 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095341.D
 Acq: 23 May 2017 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 600529
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.9 10.3 15.5

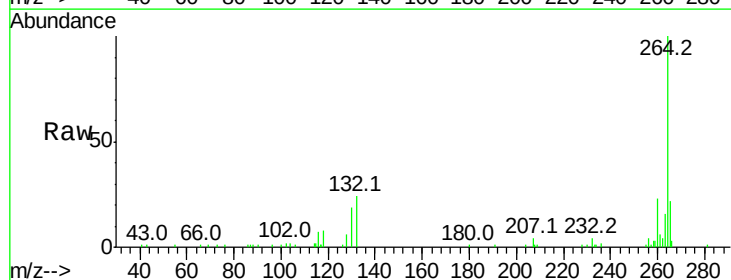


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095341.D
 Acq: 23 May 2017 7:45

Tgt Ion:264 Resp: 111989
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 22.0 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

