

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095244.D
 Acq On : 19 May 2017 2:54
 Operator : SJ/MA
 Sample : I3200-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 04:04:47 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

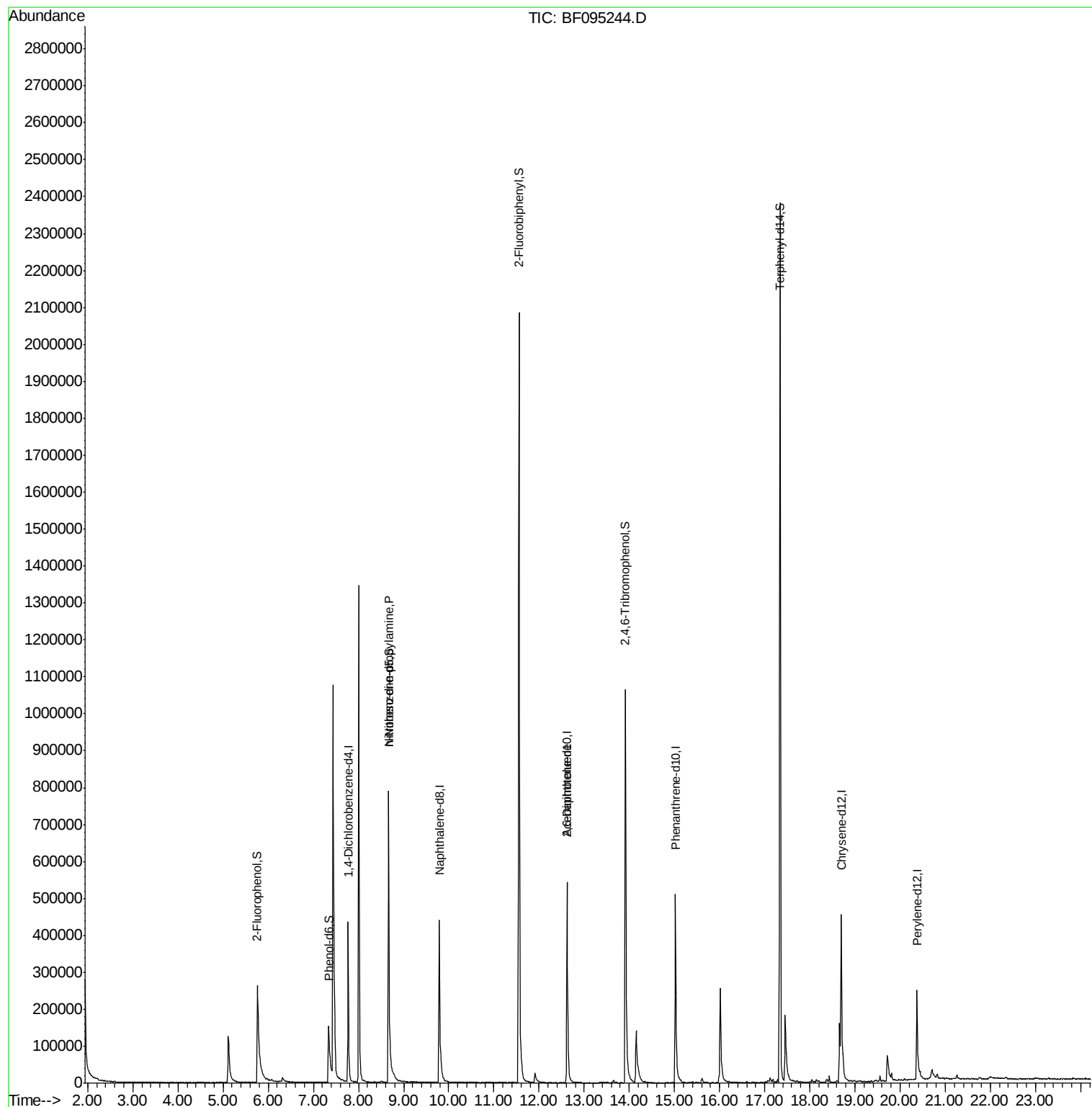
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	101055	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	424848	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	204985	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	366987	20.00	ng	0.00
75) Chrysene-d12	18.69	240	256956	20.00	ng	0.00
86) Perylene-d12	20.37	264	163893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	263515	43.47	ng	0.02
7) Phenol-d6	7.34	99	204020	28.05	ng	0.02
23) Nitrobenzene-d5	8.67	82	489310	72.63	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	226203	134.74	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1106952	77.73	ng	0.00
78) Terphenyl-d14	17.34	244	1007475	86.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	57577	11.71	ng	# 77
50) 2,6-Dinitrotoluene	12.62	165	21438	6.24	ng	# 33

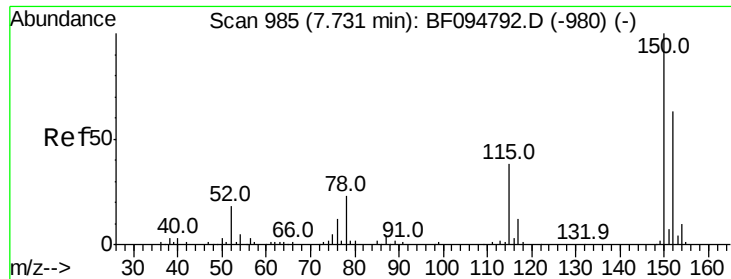
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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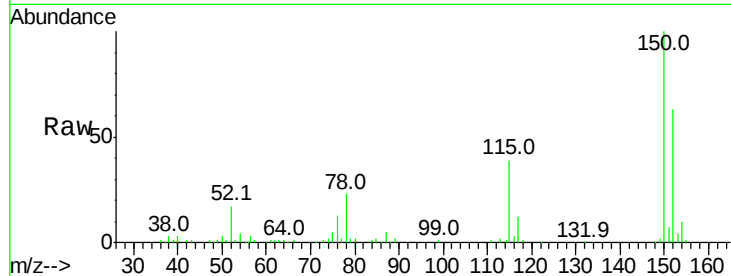


#1

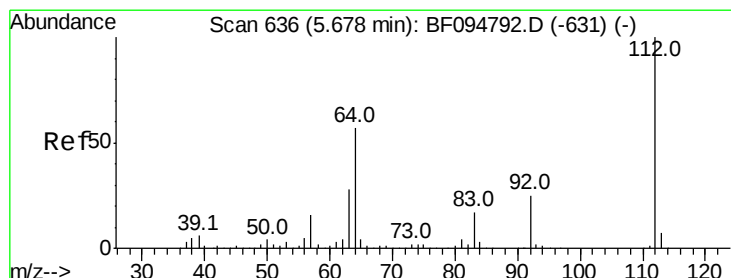
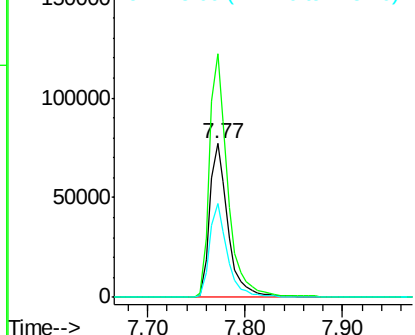
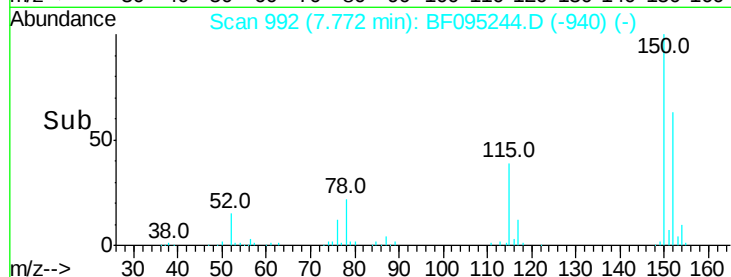
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095244.D
Acq: 19 May 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101055
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.1 52.2 78.2



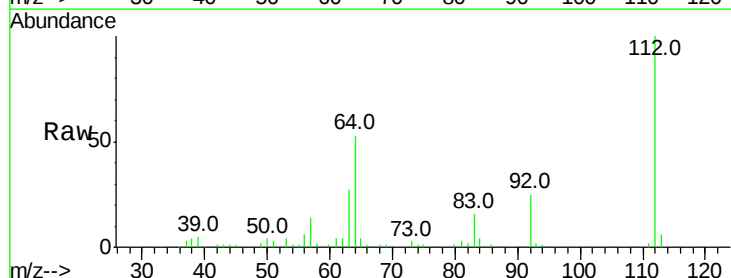
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



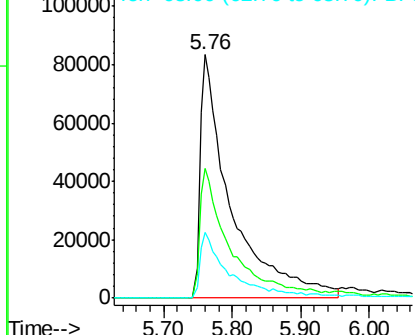
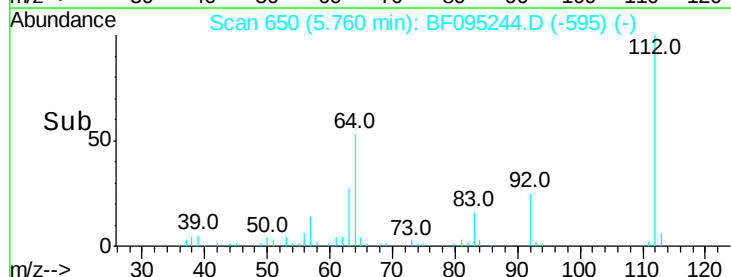
#5

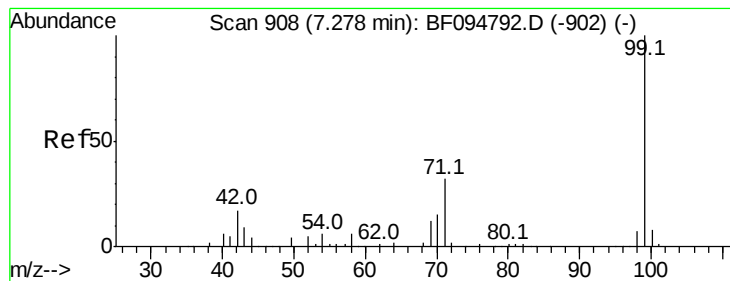
2-Fluorophenol
Concen: 43.47 ng
RT: 5.76 min Scan# 650
Delta R.T. 0.02 min
Lab File: BF095244.D
Acq: 19 May 2017 2:54

Tgt Ion:112 Resp: 263515
Ion Ratio Lower Upper
112 100
64 53.4 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: 28.05 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Instrument :

BNA_F

ClientSampleId :

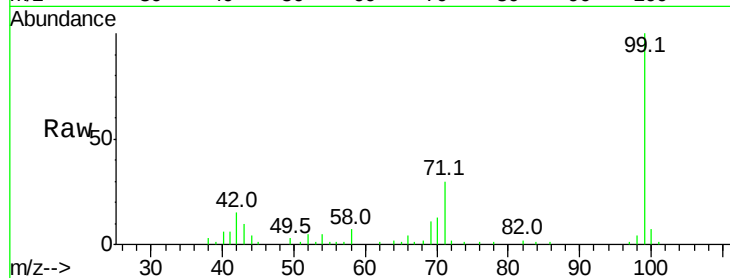
Tot Ion: 99 Resp: 204020

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

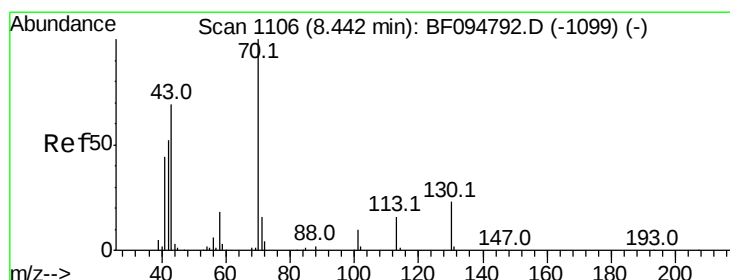
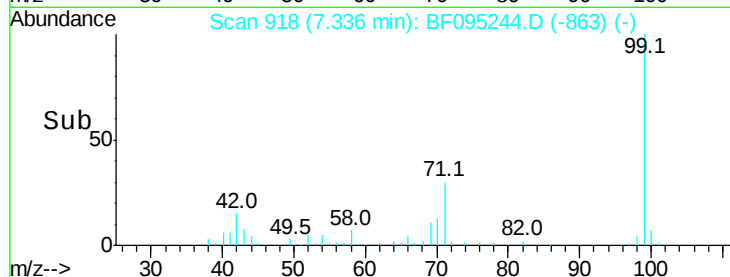
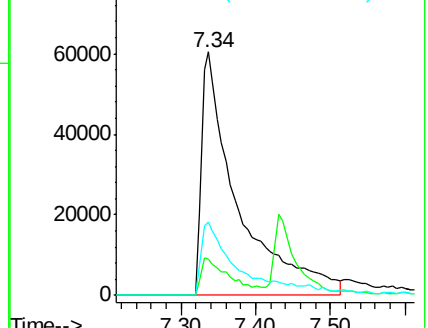
71 30.1 24.5 36.7



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: 11.71 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Tgt Ion: 70 Resp: 57577

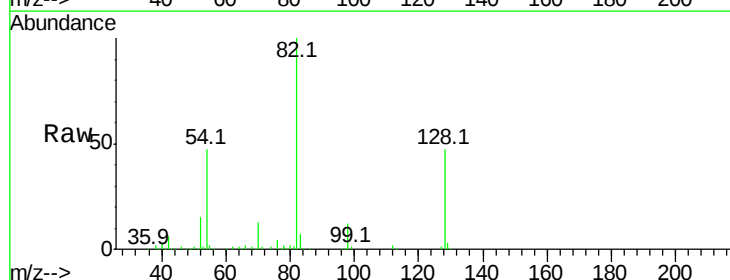
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 3.0 15.9 23.9#

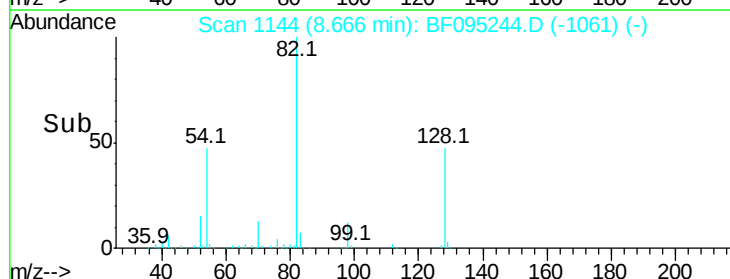
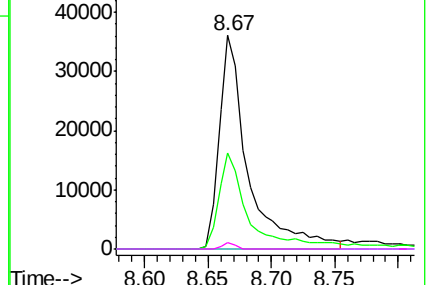


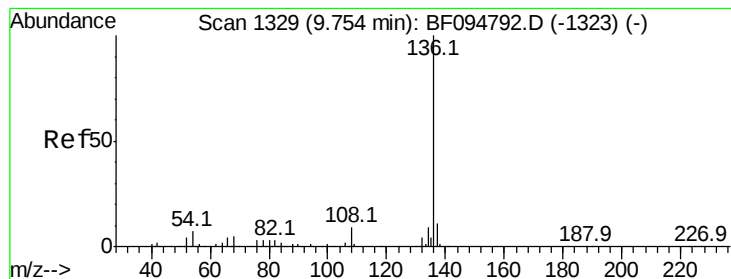
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 424848

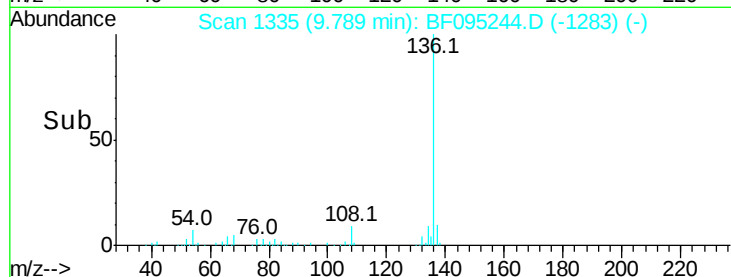
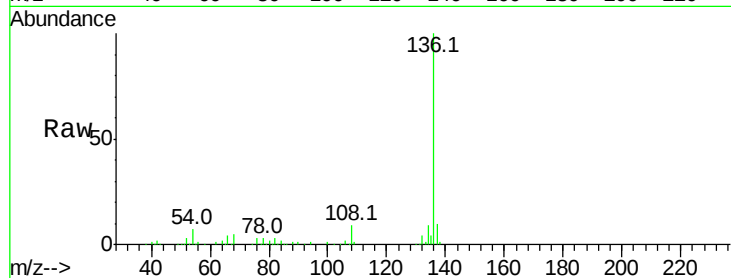
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

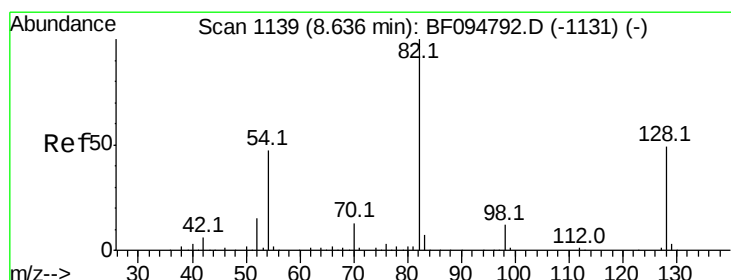
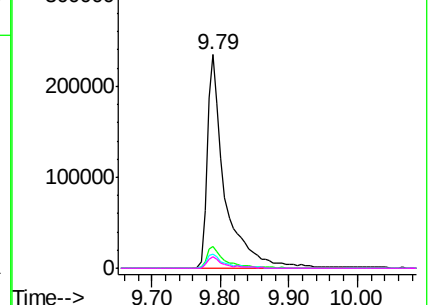


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.63 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

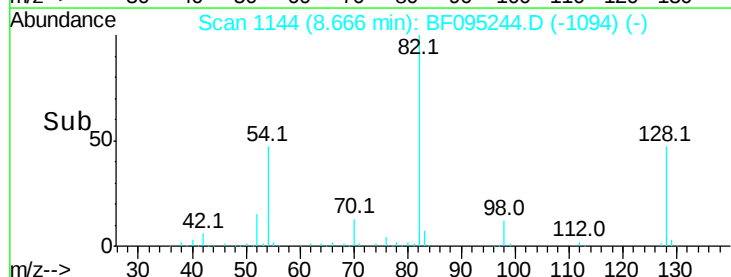
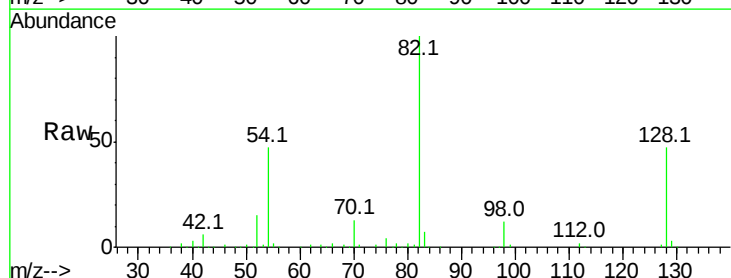
Tgt Ion: 82 Resp: 489310

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

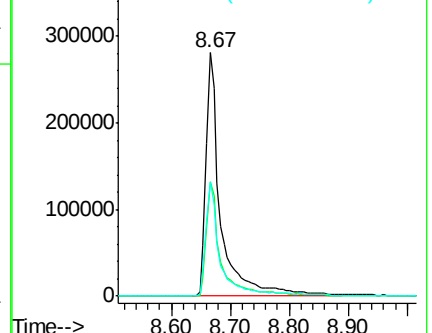
54 46.8 42.2 63.2

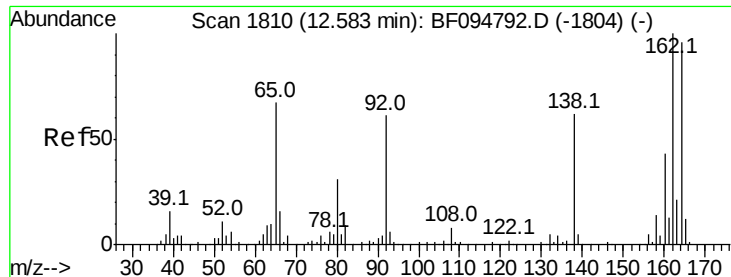


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Instrument :

BNA_F

ClientSampleId :

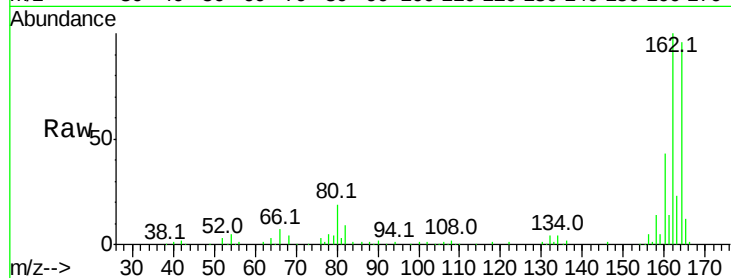
Tot Ion:164 Resp: 204985

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

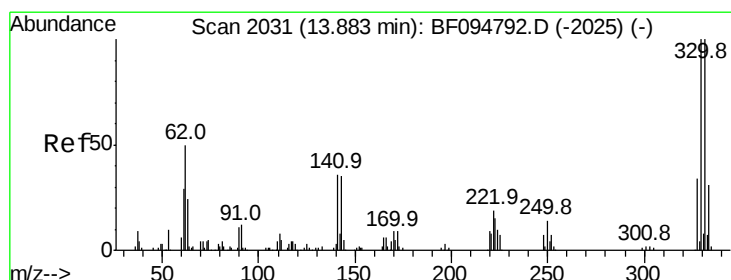
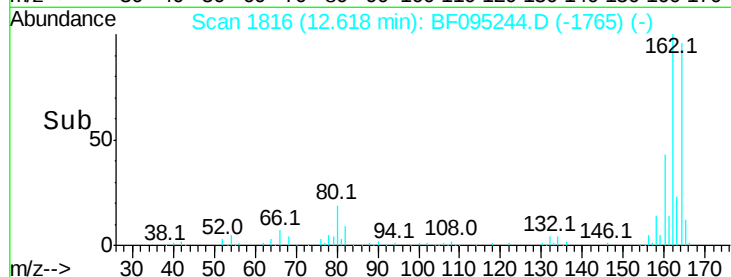
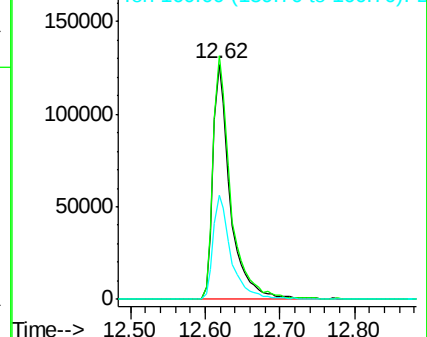
160 44.4 36.2 54.2



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: 134.74 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

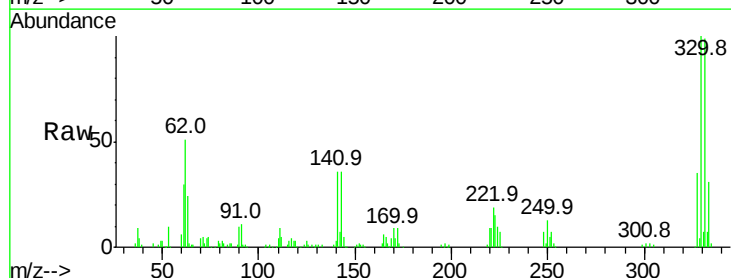
Tgt Ion:330 Resp: 226203

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

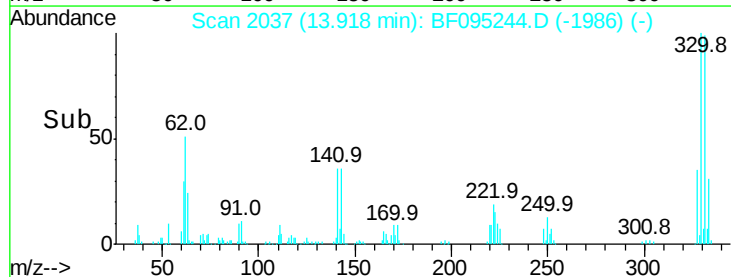
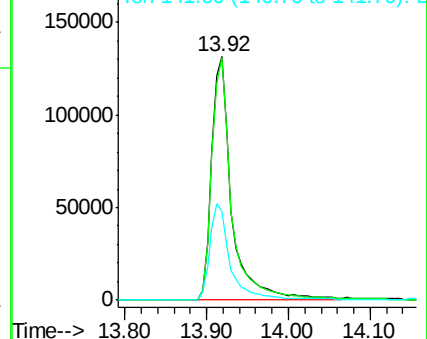
141 40.0 31.4 47.2

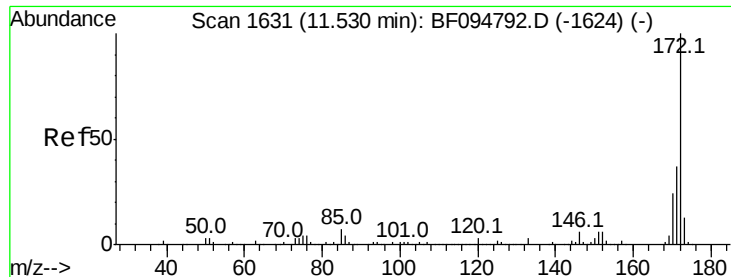


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

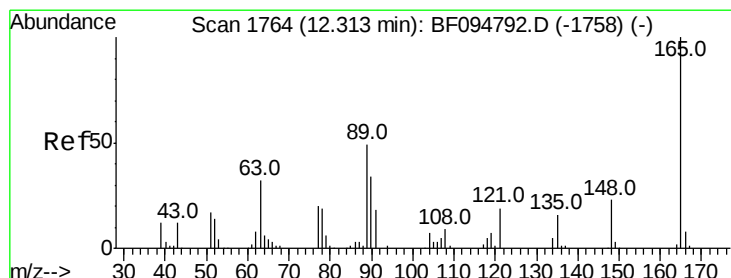
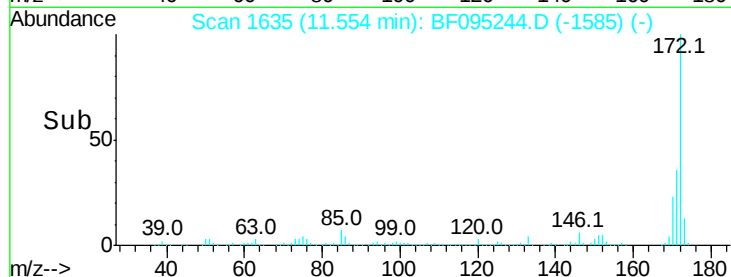
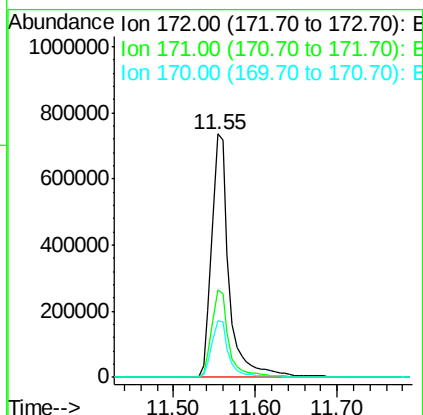
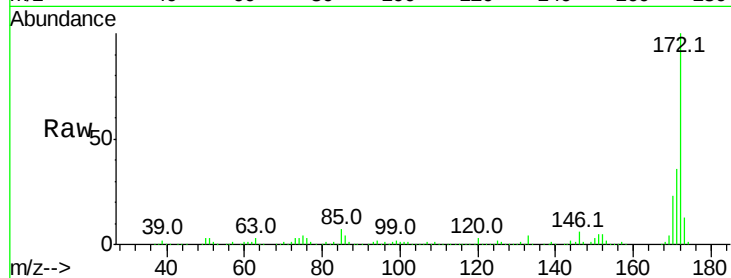




#44
2-Fluorobiphenyl
Concen: 77.73 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095244.D
Acq: 19 May 2017 2:54

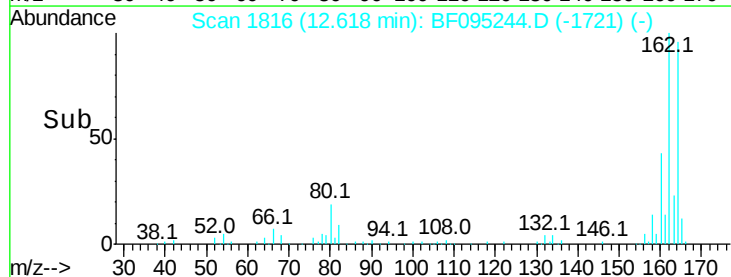
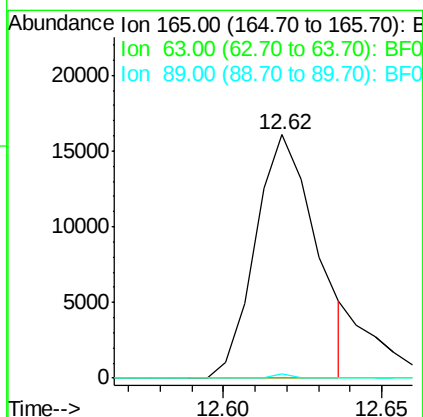
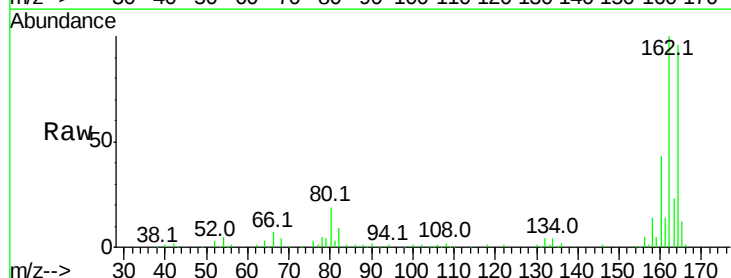
Instrument :
BNA_F
ClientSampleId :

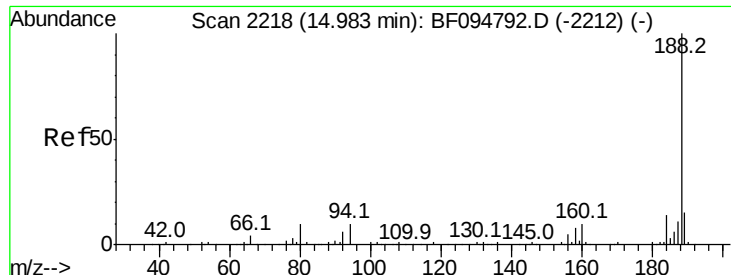
Tot Ion:172 Resp: 1106952
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.2 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 6.24 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.26 min
Lab File: BF095244.D
Acq: 19 May 2017 2:54

Tgt Ion:165 Resp: 21438
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 2.0 37.1 55.7#

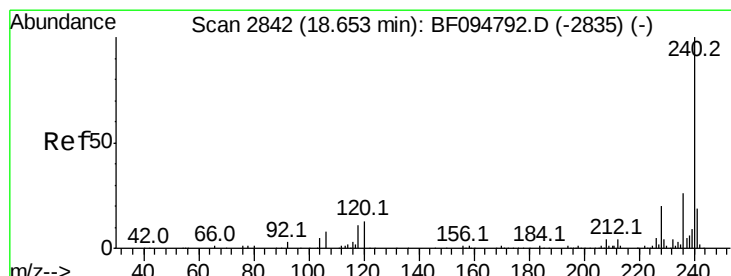
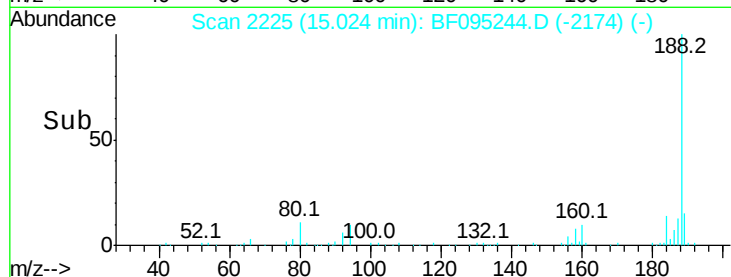
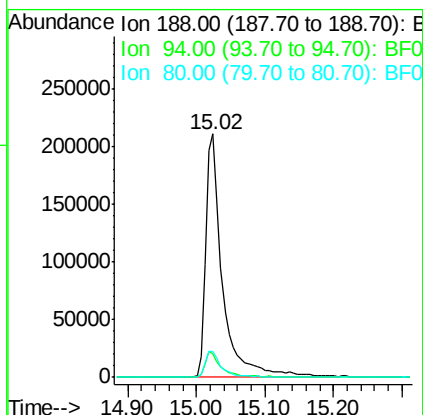
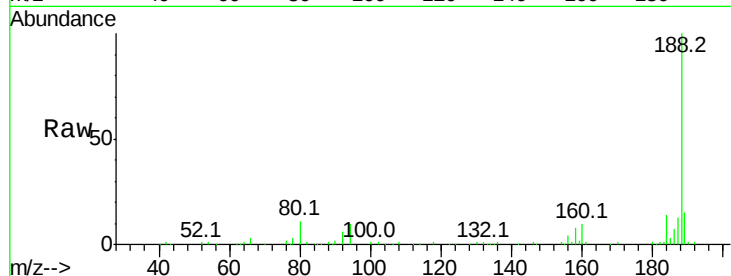




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

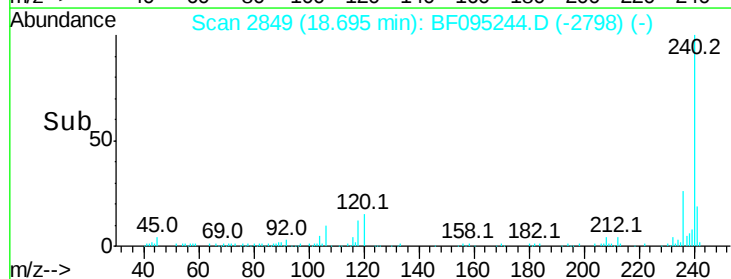
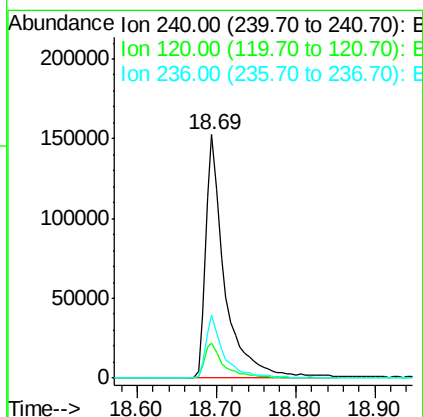
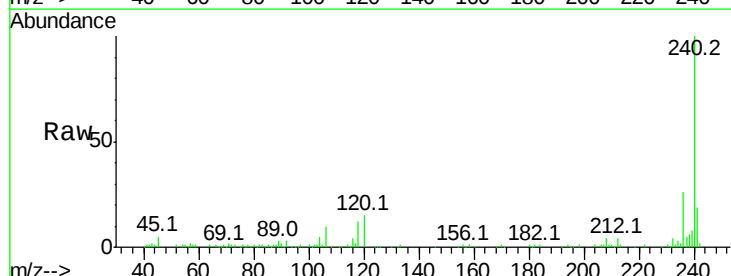
Instrument :
 BNA_F
 ClientSampleId :

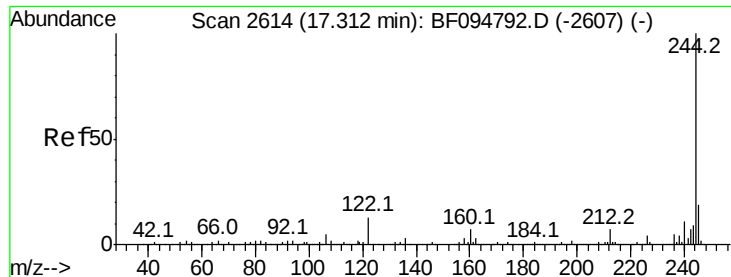
Tot Ion:188 Resp: 366987
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Tgt Ion:240 Resp: 256956
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.9 20.5 30.7

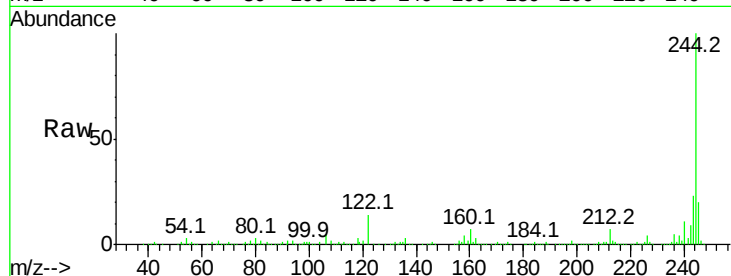




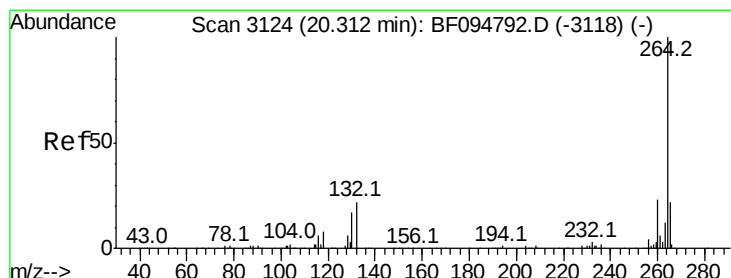
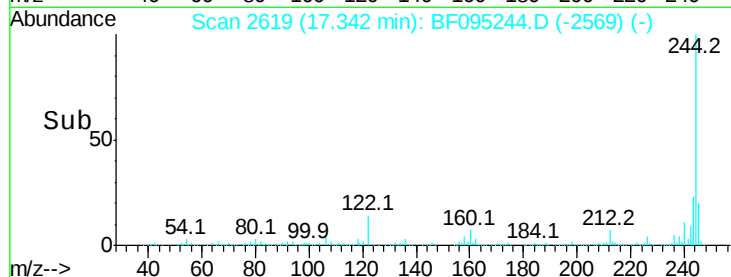
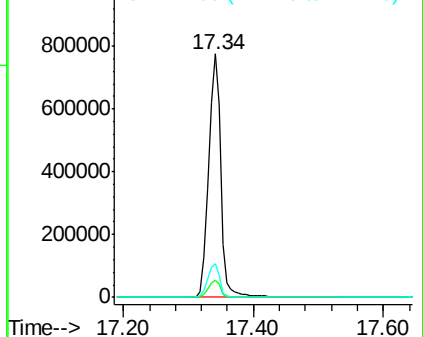
#78
 Terphenyl-d14
 Concen: 86.36 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1007475
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5

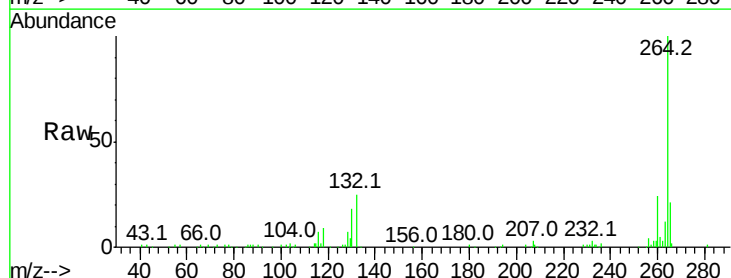


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Tgt Ion:264 Resp: 163893
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.7 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

