

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095295.D
 Acq On : 20 May 2017 9:55
 Operator : SJ/MA
 Sample : I3125-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:55:44 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

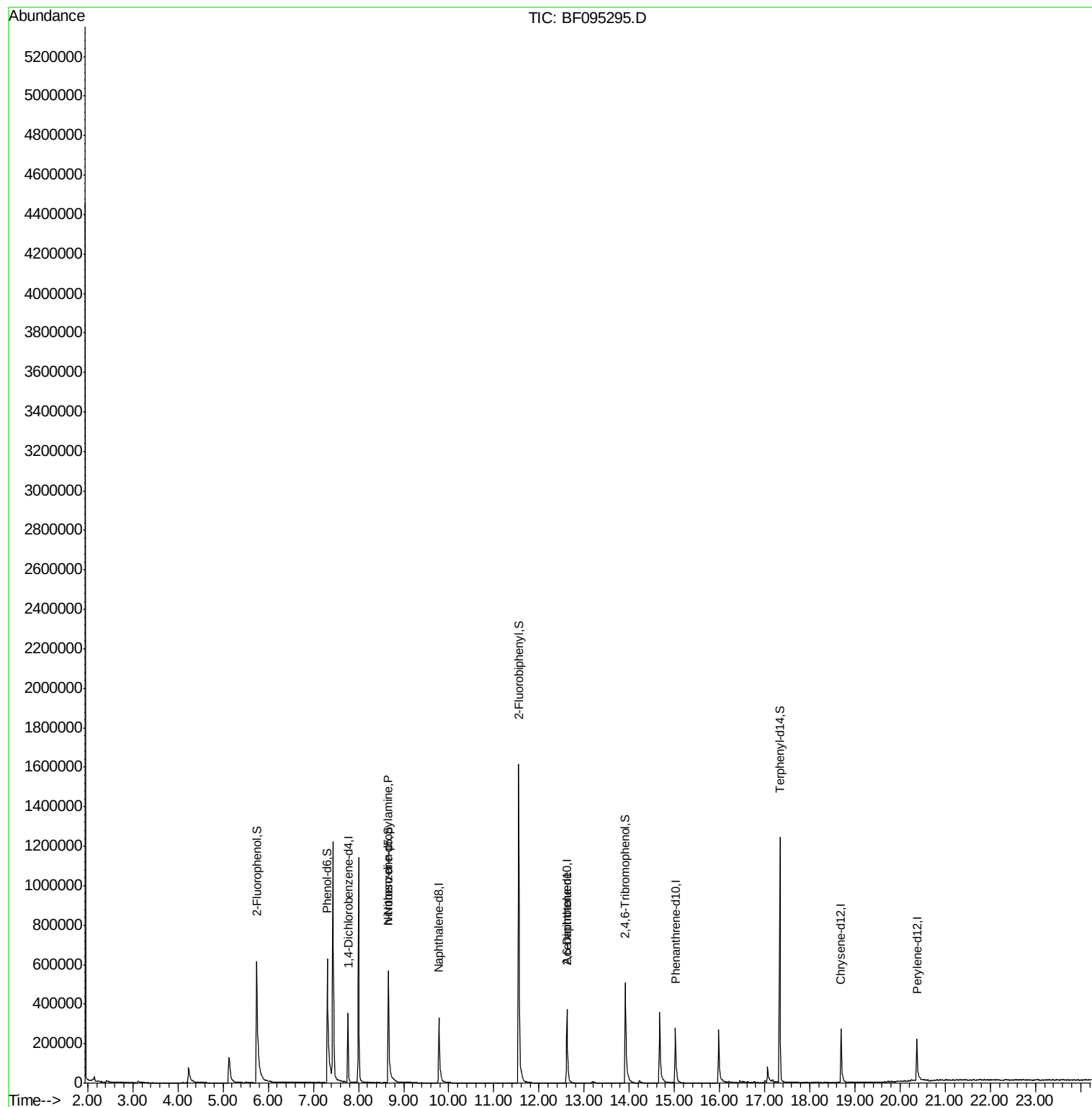
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82386	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	333704	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	154567	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	213869	20.00	ng	0.00
75) Chrysene-d12	18.69	240	164857	20.00	ng	0.00
86) Perylene-d12	20.37	264	137547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	517291	104.68	ng	0.00
7) Phenol-d6	7.31	99	593726	100.14	ng	0.00
23) Nitrobenzene-d5	8.66	82	388368	73.39	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	131799	104.12	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	916012	85.30	ng	-0.01
78) Terphenyl-d14	17.34	244	504778	67.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	45389	11.32	ng	# 75
50) 2,6-Dinitrotoluene	12.61	165	16081	6.21	ng	# 31

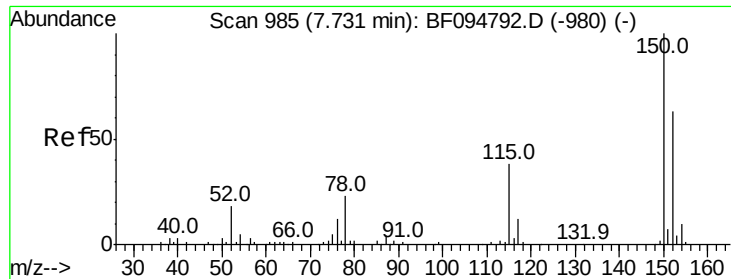
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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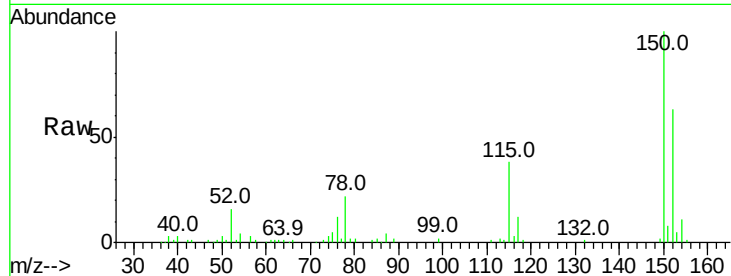


#1

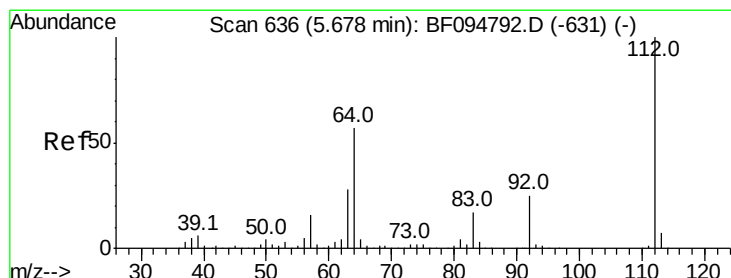
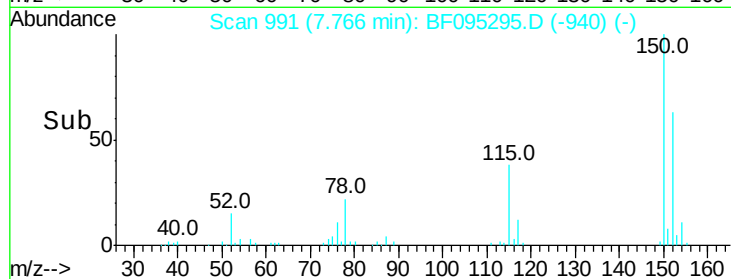
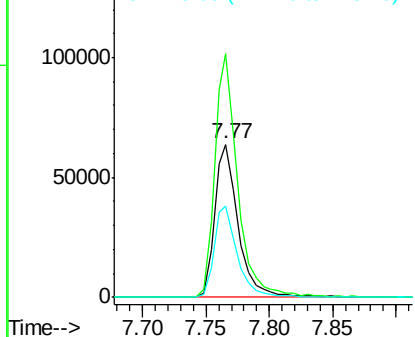
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095295.D
Acq: 20 May 2017 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82386
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 59.9 52.2 78.2



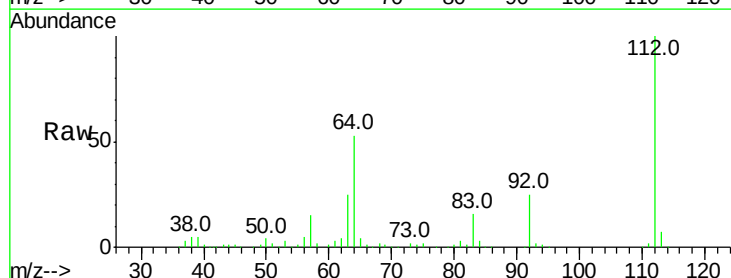
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



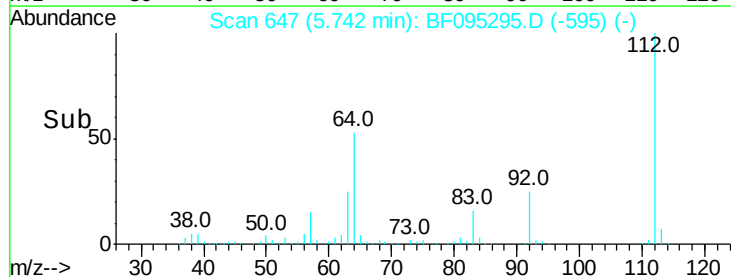
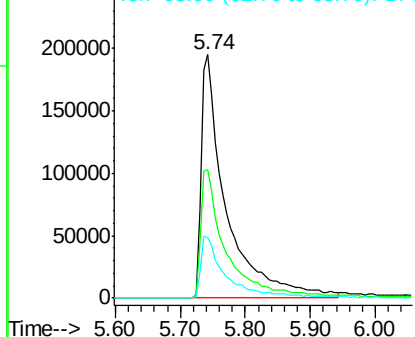
#5

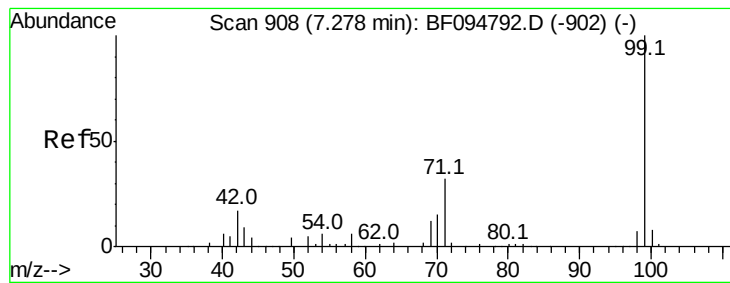
2-Fluorophenol
Concen: 104.68 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095295.D
Acq: 20 May 2017 9:55

Tgt Ion:112 Resp: 517291
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 24.8 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: 100.14 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095295.D

Acq: 20 May 2017 9:55

Instrument :

BNA_F

ClientSampleId :

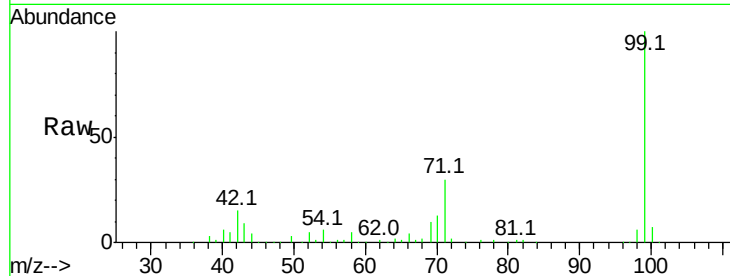
Tot Ion: 99 Resp: 593726

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

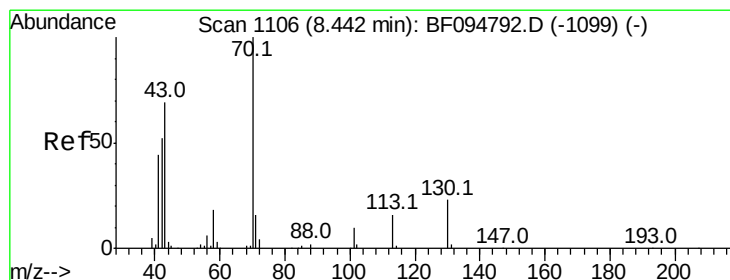
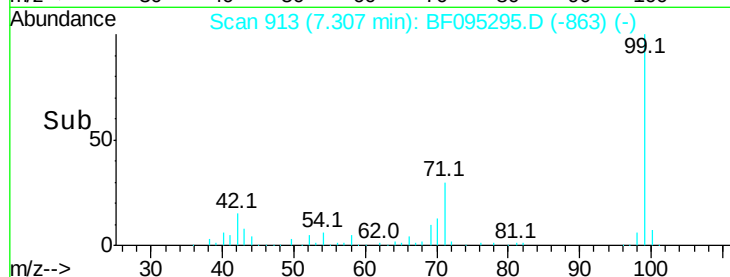
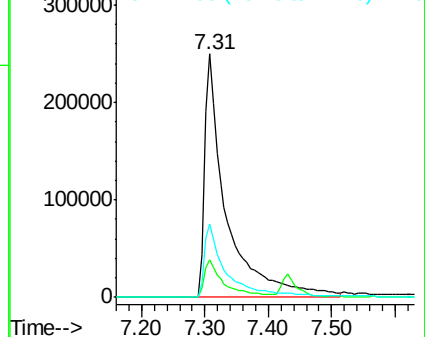
71 30.2 24.5 36.7



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: 11.32 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095295.D

Acq: 20 May 2017 9:55

Tgt Ion: 70 Resp: 45389

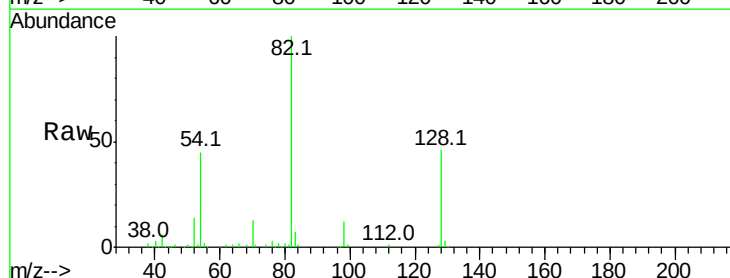
Ion Ratio Lower Upper

70 100

42 44.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

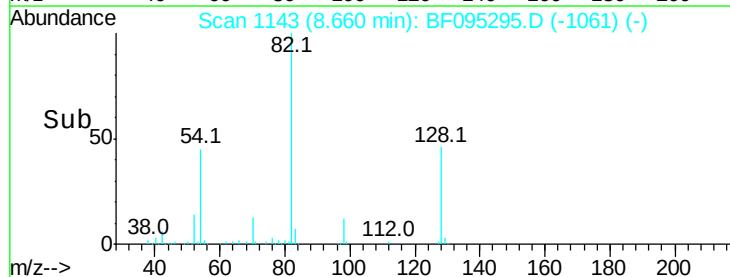
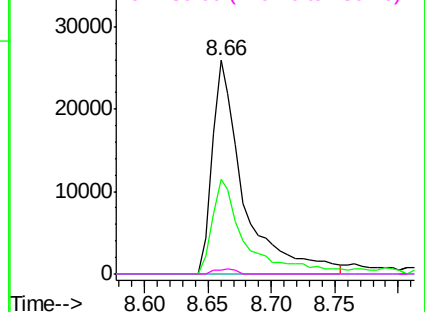


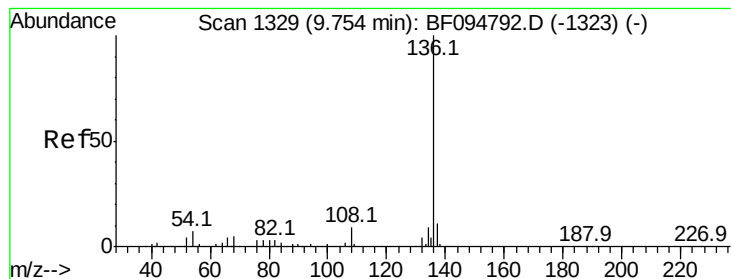
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095295.D

Acq: 20 May 2017 9:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 333704

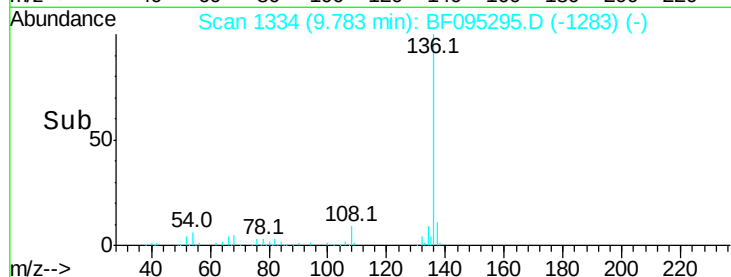
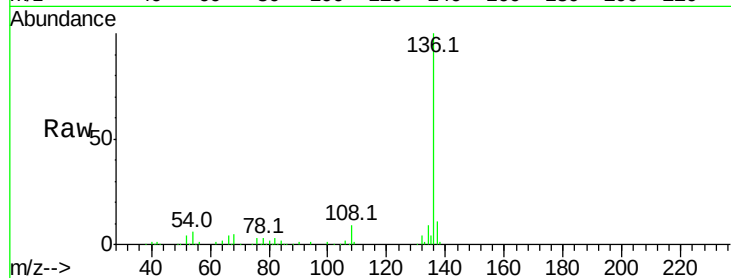
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

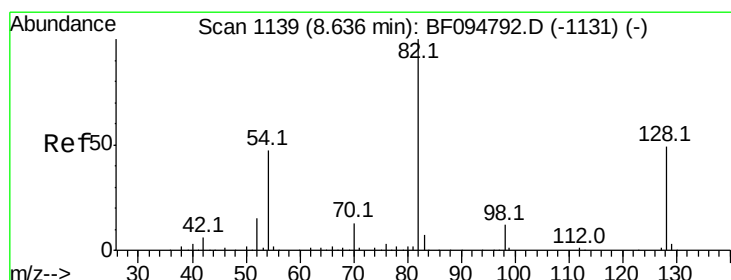
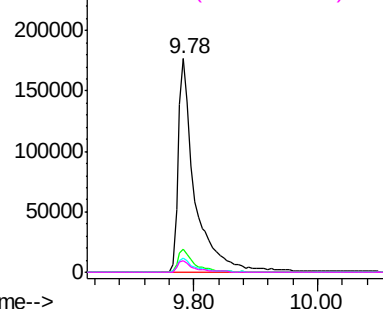


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.39 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095295.D

Acq: 20 May 2017 9:55

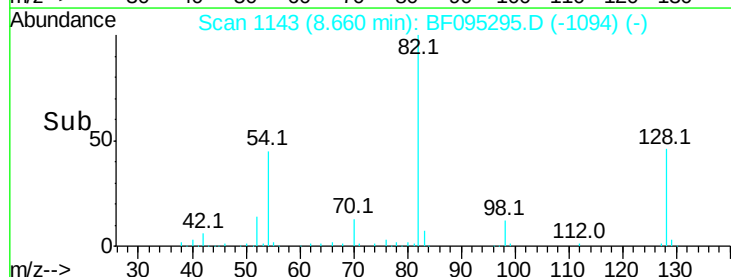
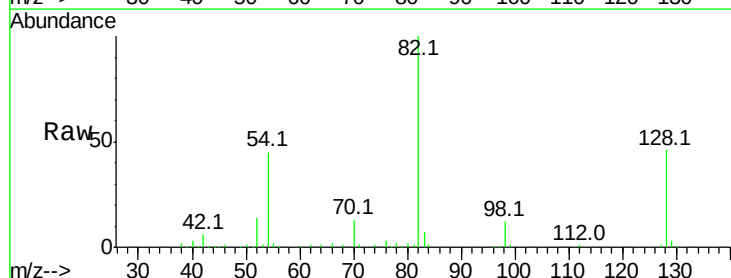
Tgt Ion: 82 Resp: 388368

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

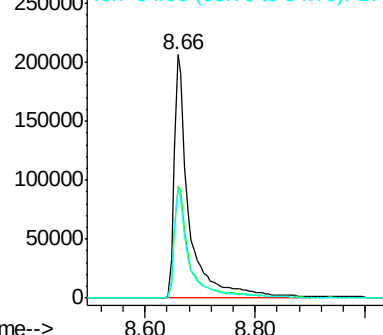
54 45.1 42.2 63.2

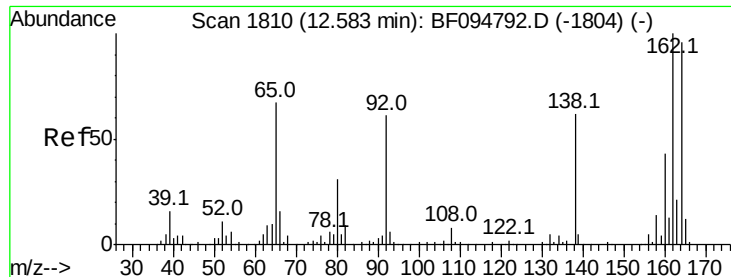


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095295.D

Acq: 20 May 2017 9:55

Instrument :

BNA_F

ClientSampleId :

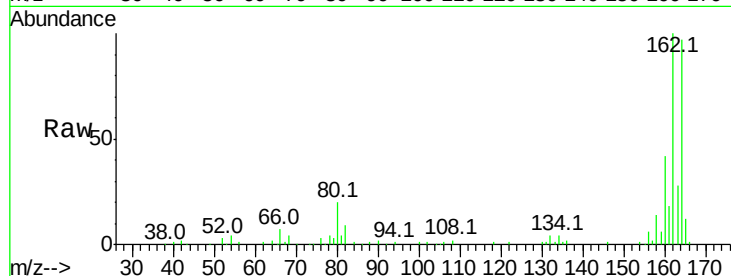
Tot Ion:164 Resp: 154567

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

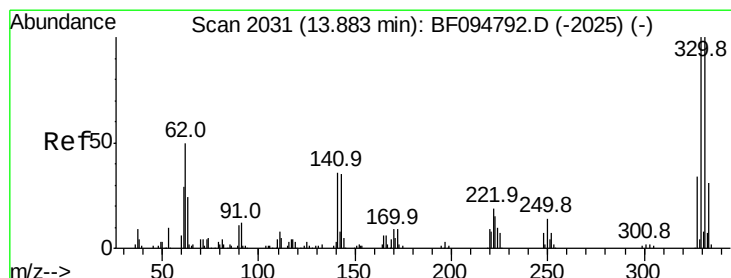
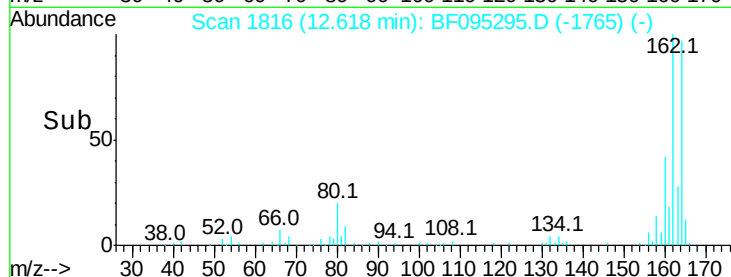
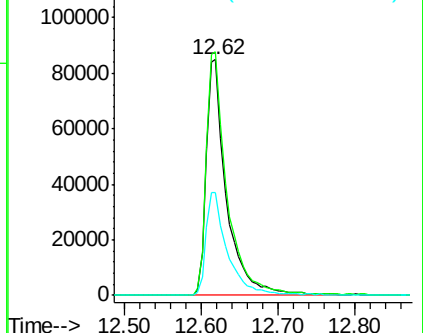
160 43.9 36.2 54.2



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: 104.12 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095295.D

Acq: 20 May 2017 9:55

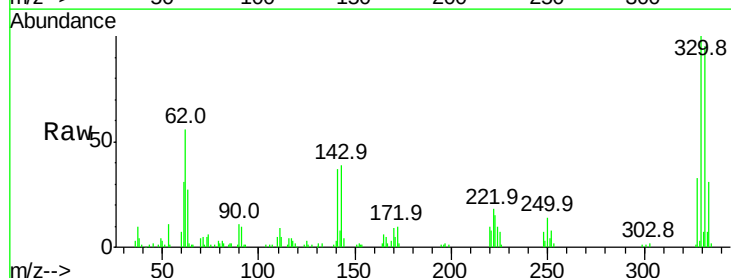
Tgt Ion:330 Resp: 131799

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

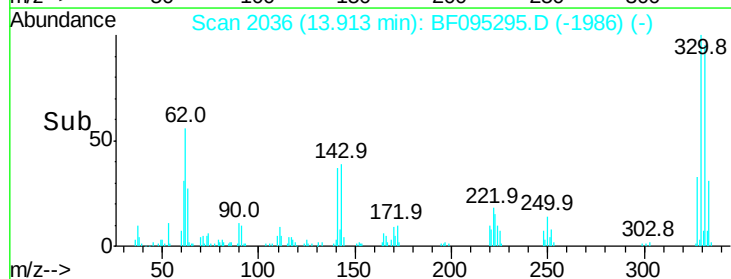
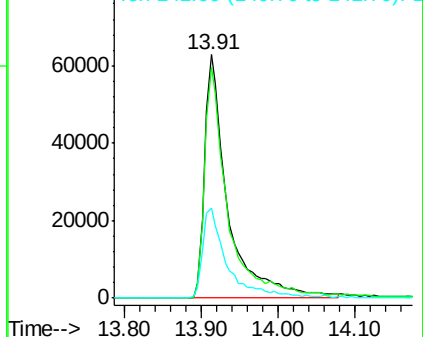
141 38.8 31.4 47.2

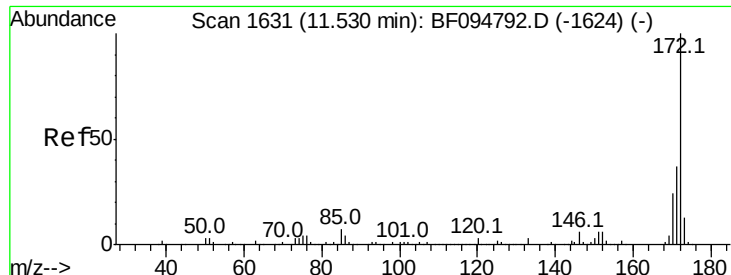


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

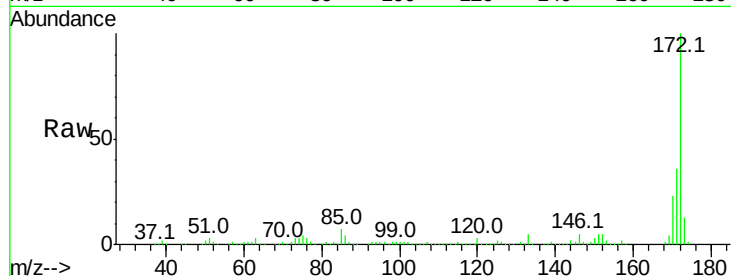




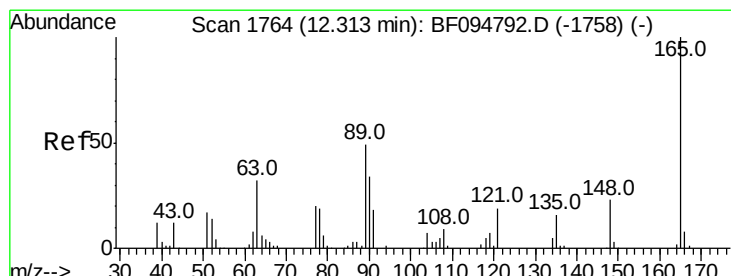
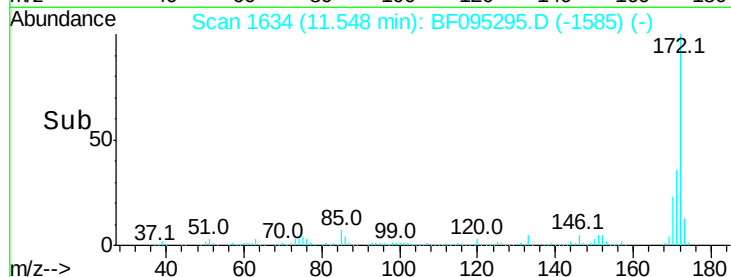
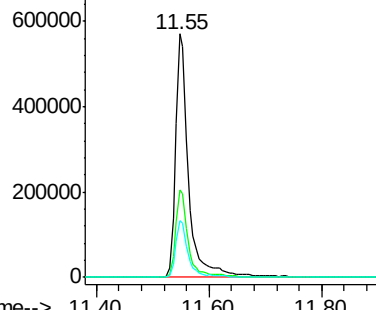
#44
 2-Fluorobiphenyl
 Concen: 85.30 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095295.D
 Acq: 20 May 2017 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.3	19.8	29.8

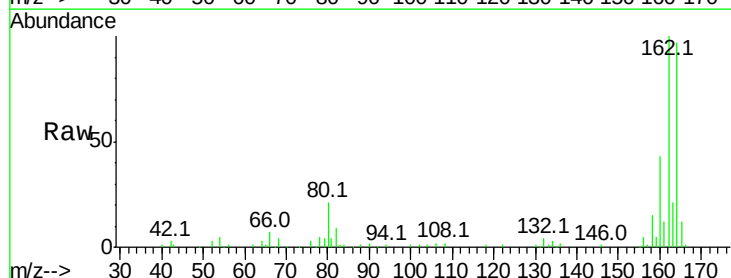


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

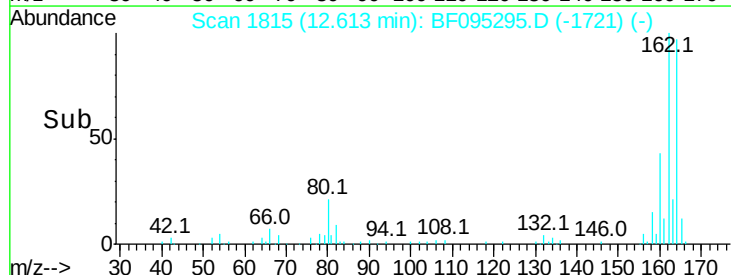
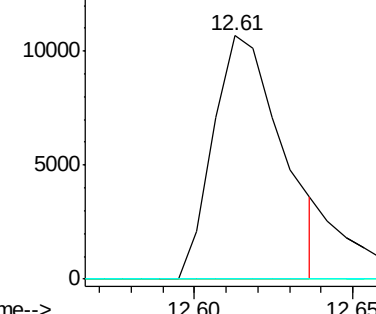


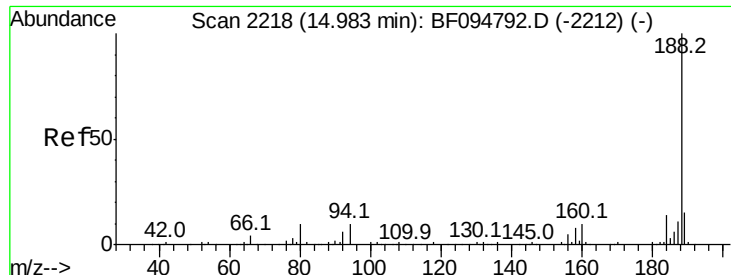
#50
 2,6-Dinitrotoluene
 Concen: 6.21 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095295.D
 Acq: 20 May 2017 9:55

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



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

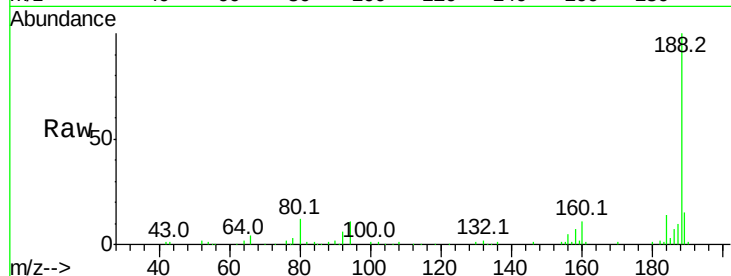




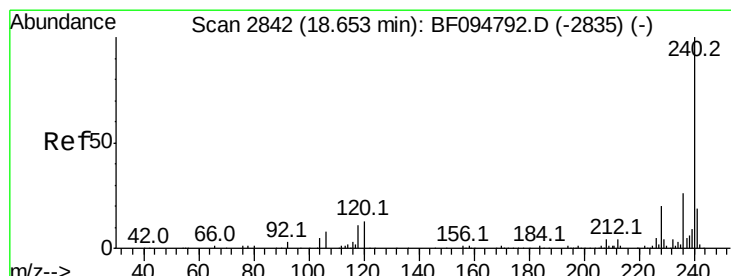
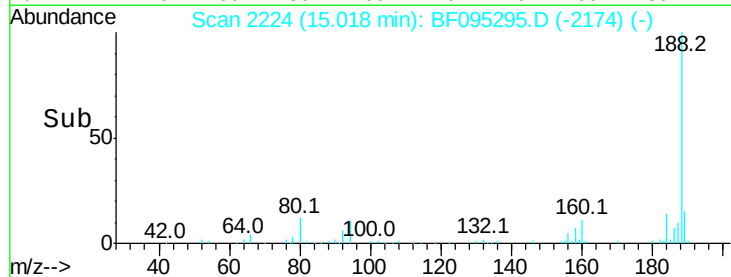
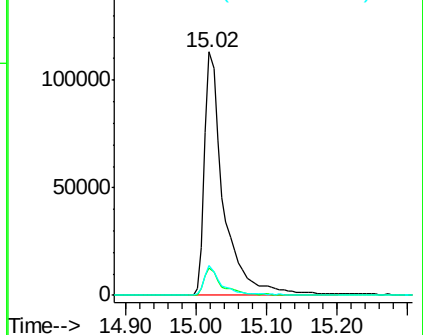
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095295.D
 Acq: 20 May 2017 9:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 213869
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.5 10.2 15.2

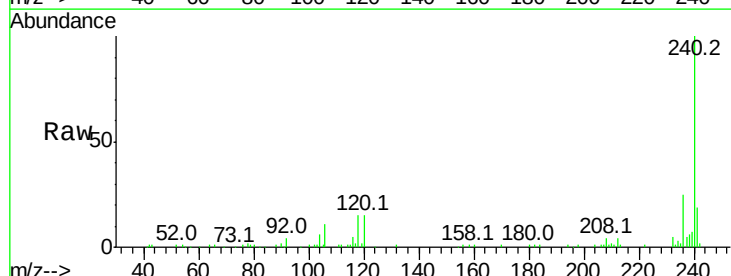


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

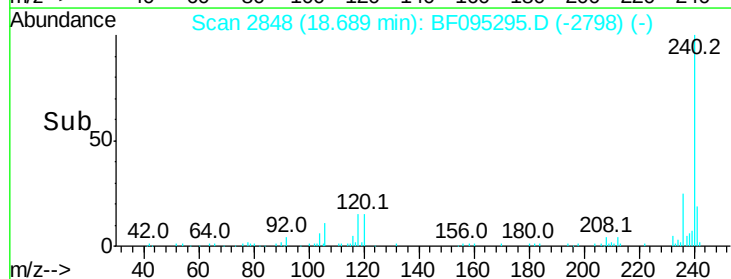
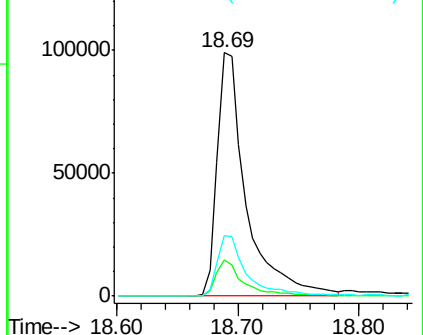


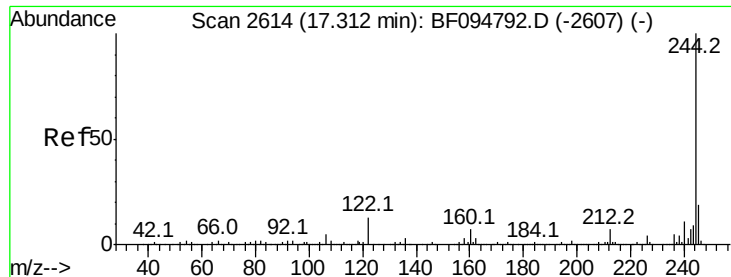
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095295.D
 Acq: 20 May 2017 9:55

Tgt Ion:240 Resp: 164857
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.8 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: 67.44 ng

RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095295.D

Acq: 20 May 2017 9:55

Instrument :

BNA_F

ClientSampleId :

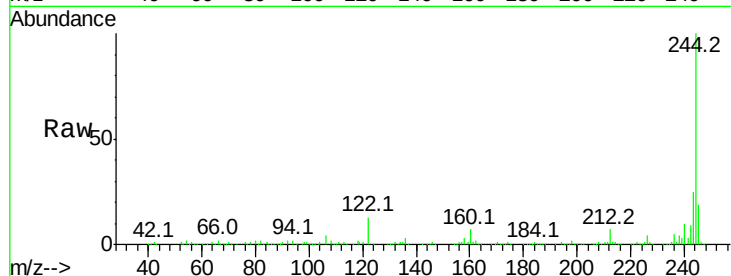
Tot Ion:244 Resp: 504778

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

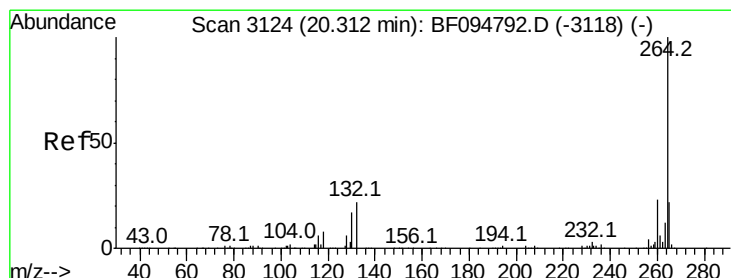
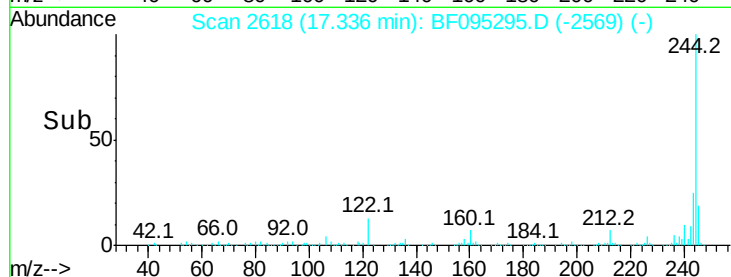
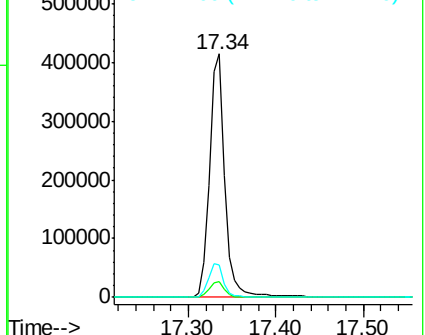
122 13.1 10.3 15.5



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: BF095295.D

Acq: 20 May 2017 9:55

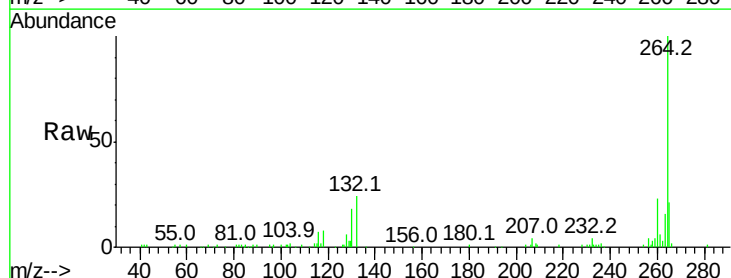
Tgt Ion:264 Resp: 137547

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.2 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

