

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095086.D
 Acq On : 11 May 2017 18:32
 Operator : SJ/MA
 Sample : I3062-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: May 11 19:00:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:33:45 2017
 Response via : Initial Calibration

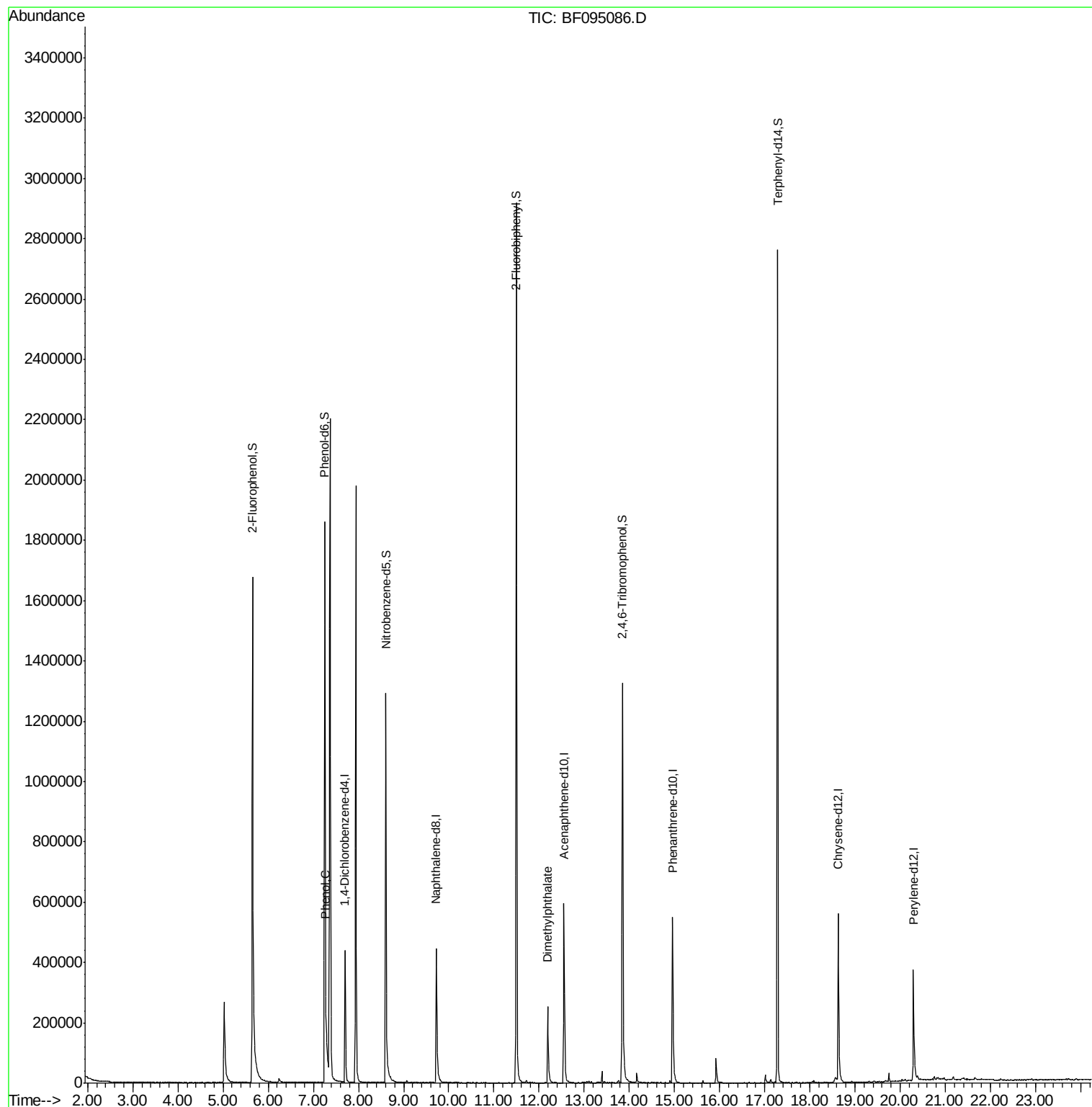
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	100168	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	394081	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	190592	20.00	ng	0.00
63) Phenanthrene-d10	14.96	188	370189	20.00	ng	0.00
75) Chrysene-d12	18.63	240	316048	20.00	ng	0.00
86) Perylene-d12	20.29	264	223206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	917672	152.74	ng	0.00
7) Phenol-d6	7.25	99	1101993	152.87	ng	0.00
23) Nitrobenzene-d5	8.61	82	655117	104.83	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	252758	161.93	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1292706	97.62	ng	0.00
78) Terphenyl-d14	17.29	244	1158971	80.77	ng	0.00
Target Compounds						
10) Phenol	7.27	94	25504	3.36	ng	Qvalue # 80
49) Dimethylphthalate	12.19	163	200056	12.79	ng	99

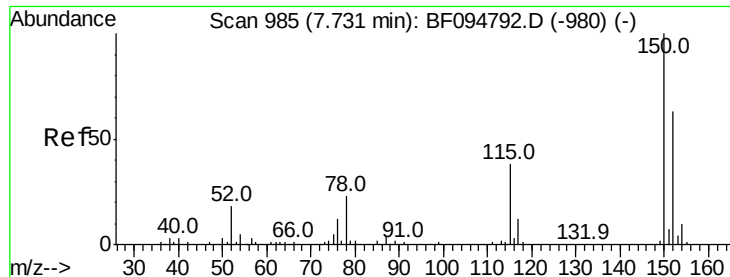
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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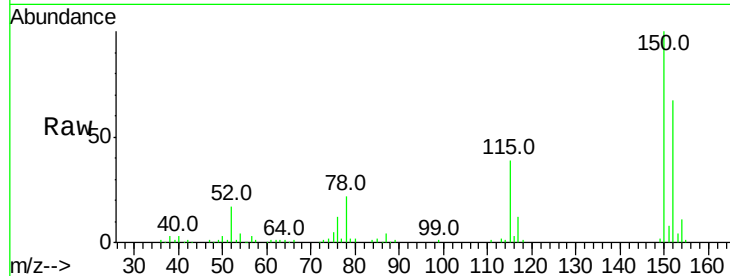


#1

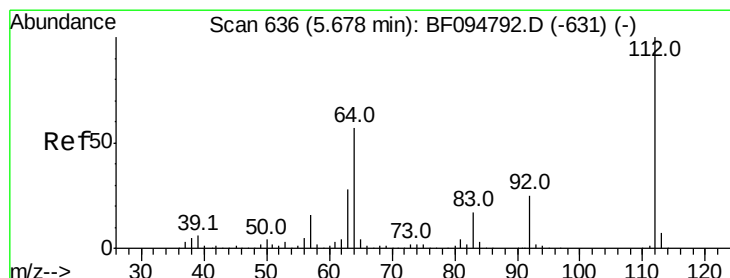
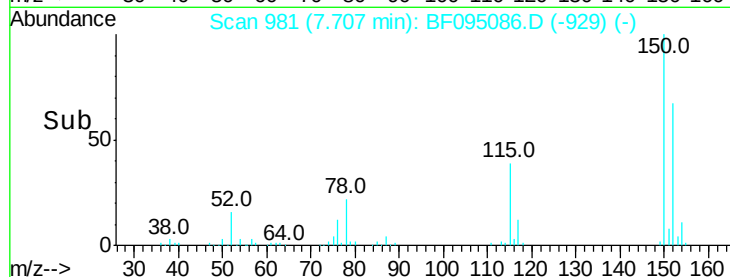
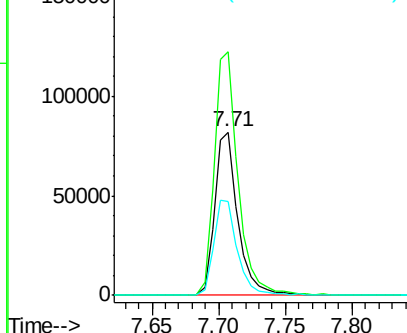
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tot Ion:152 Resp: 100168
Ion Ratio Lower Upper
152 100
150 149.1 126.2 189.2
115 57.8 52.2 78.2



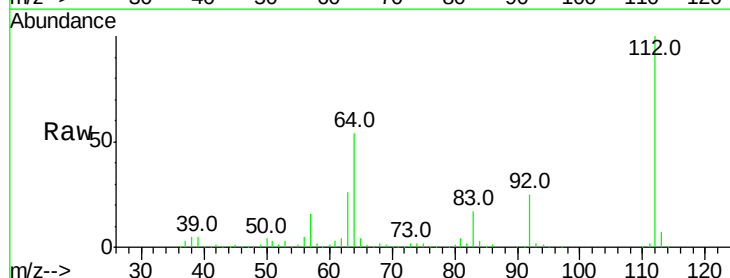
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



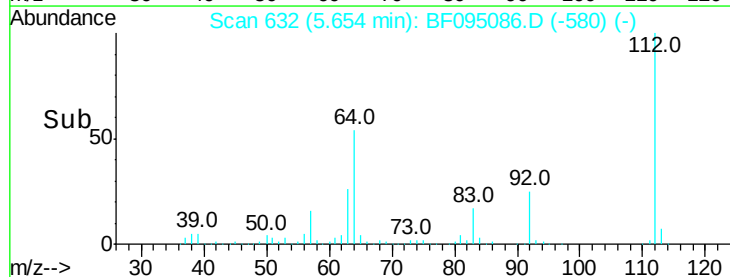
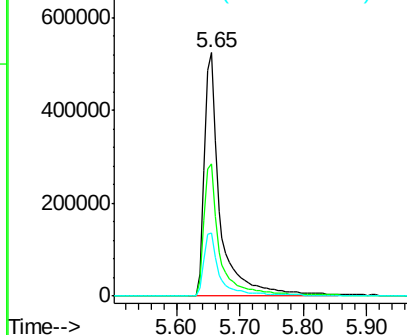
#5

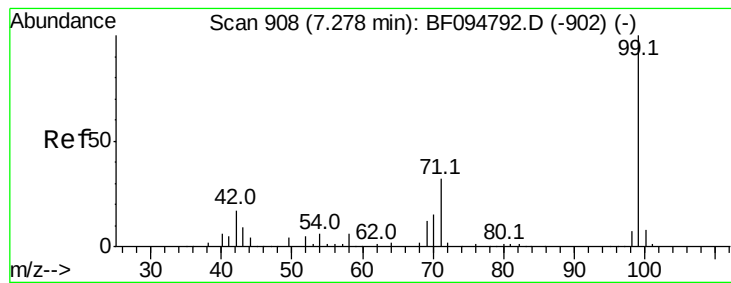
2-Fluorophenol
Concen: 152.74 ng
RT: 5.65 min Scan# 632
Delta R.T. 0.01 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

Tgt Ion:112 Resp: 917672
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 26.0 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: 152.87 ng

RT: 7.25 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

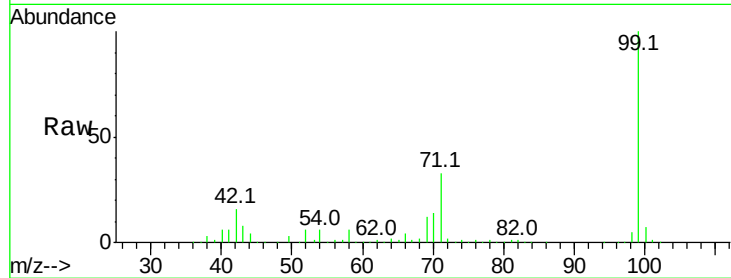
Tot Ion: 99 Resp: 1101993

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

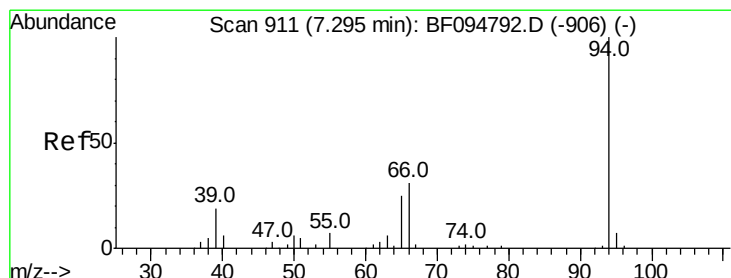
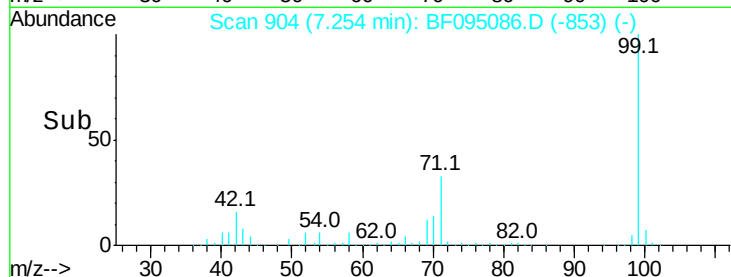
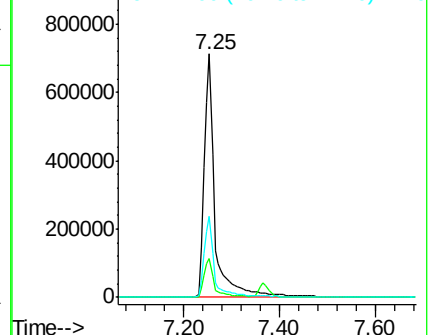
71 33.2 24.5 36.7



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



#10

Phenol

Concen: 3.36 ng

RT: 7.27 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

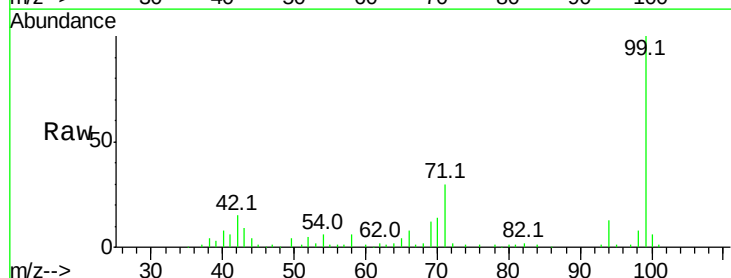
Tgt Ion: 94 Resp: 25504

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

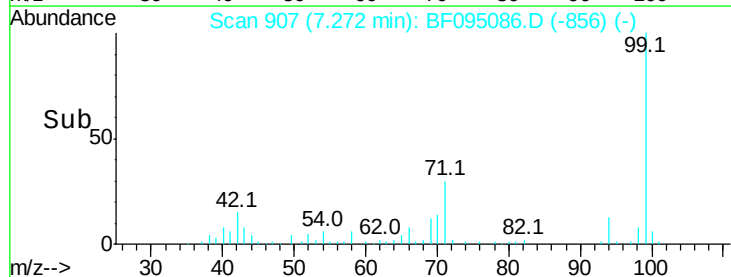
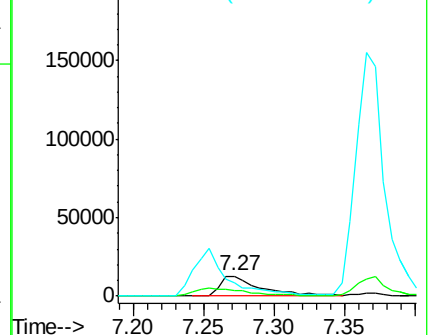
66 64.1 23.1 63.1#

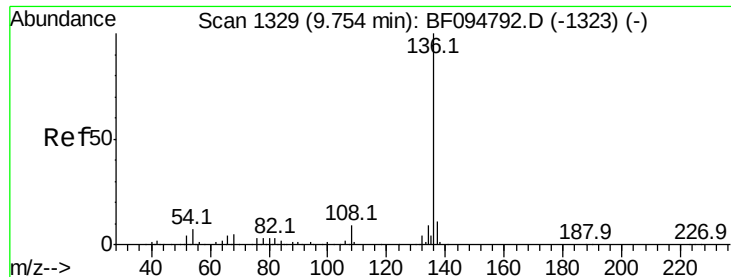


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

Tot Ion:136 Resp: 394081

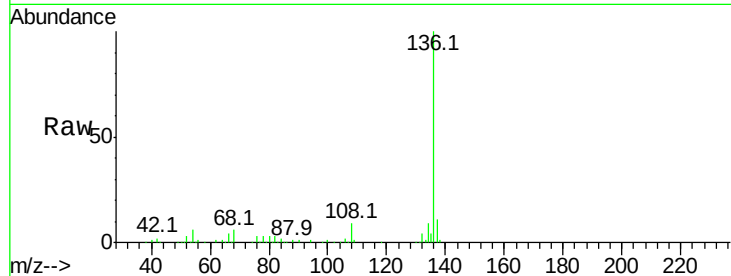
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

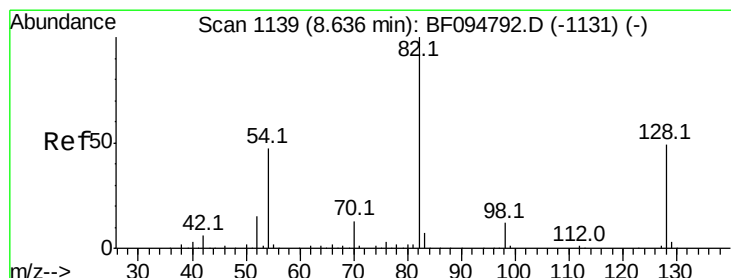
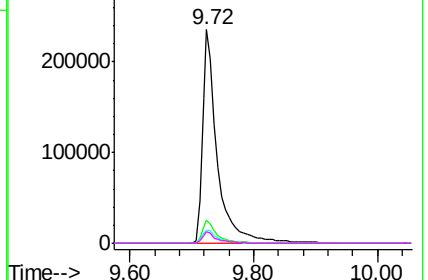
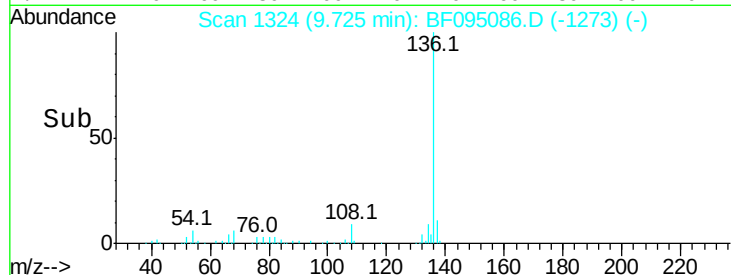


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.83 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

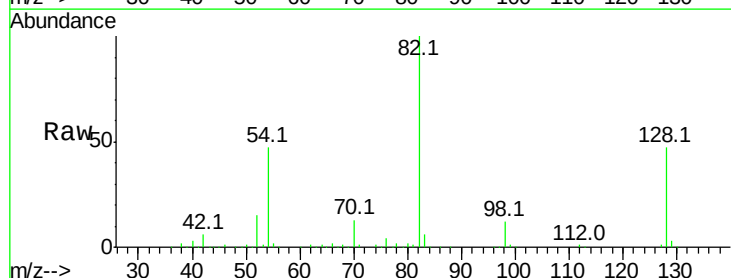
Tgt Ion: 82 Resp: 655117

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

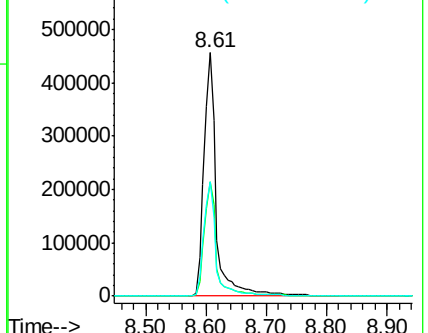
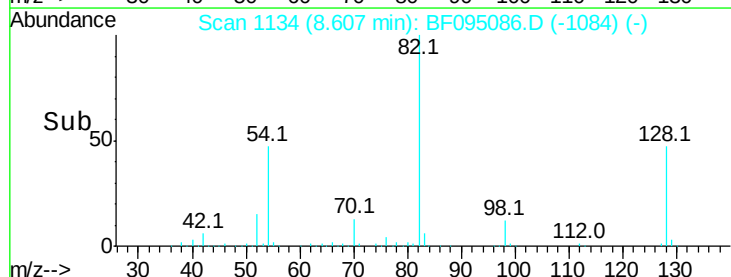
54 47.2 42.2 63.2

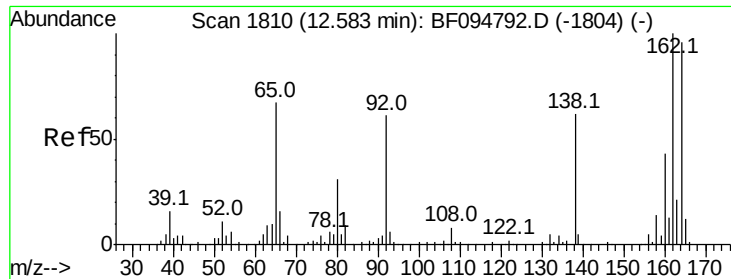


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.55 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

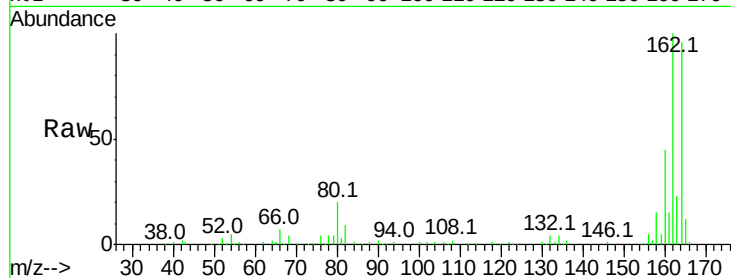
Tot Ion:164 Resp: 190592

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

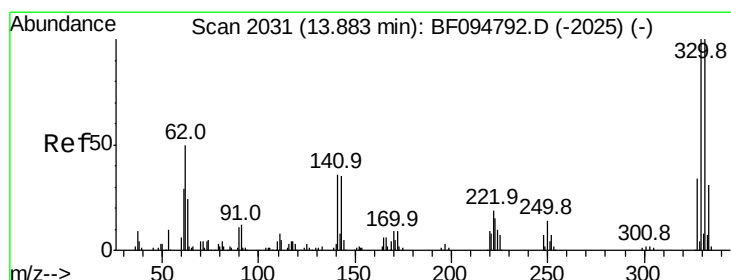
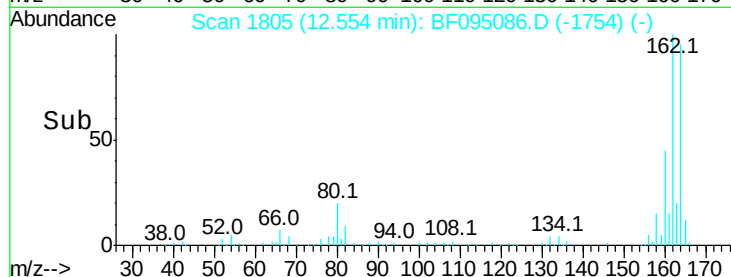
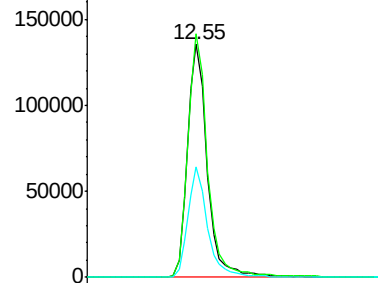
160 47.3 36.2 54.2



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: 161.93 ng

RT: 13.85 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

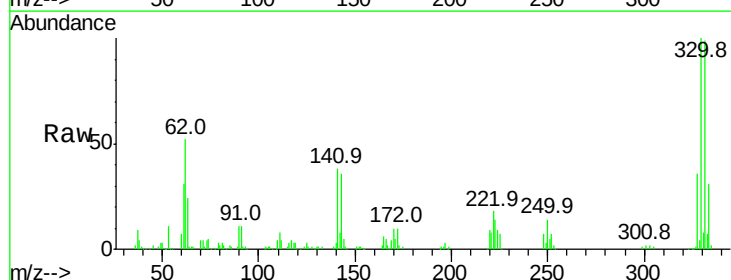
Tgt Ion:330 Resp: 252758

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

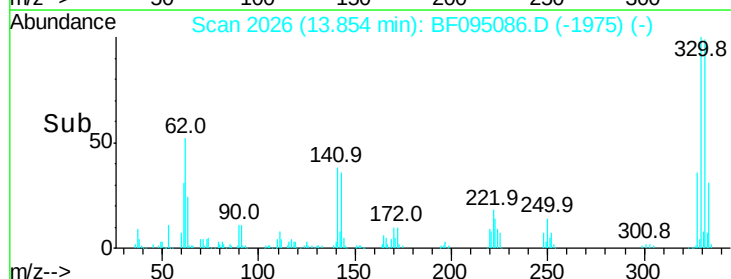
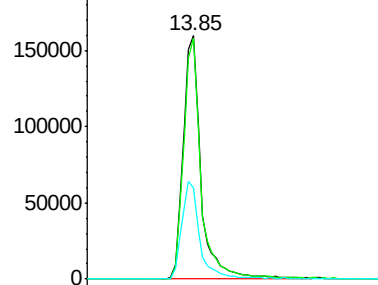
141 40.4 31.4 47.2

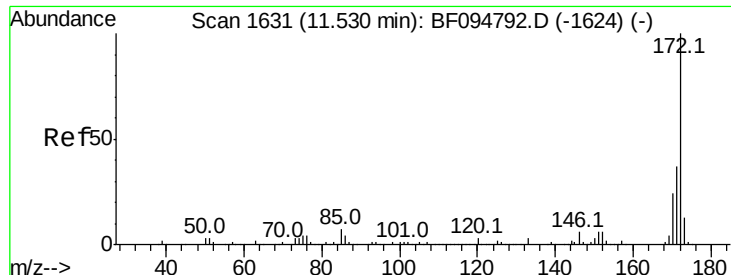


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

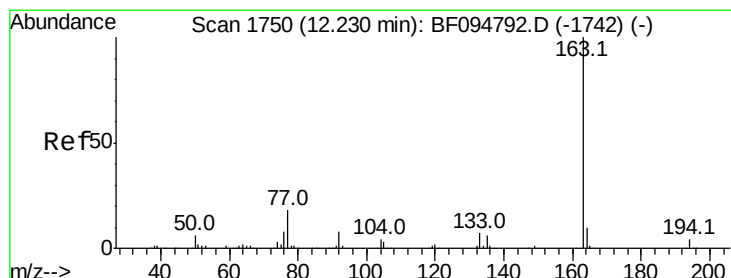
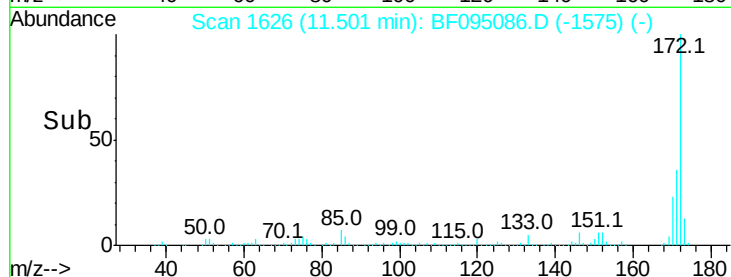
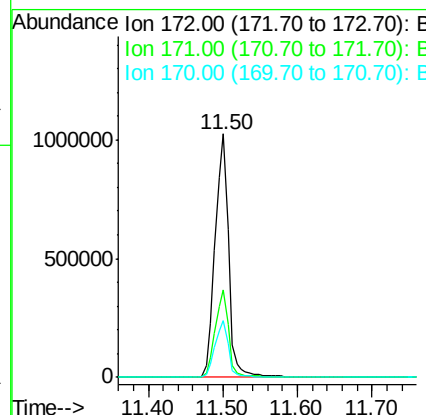
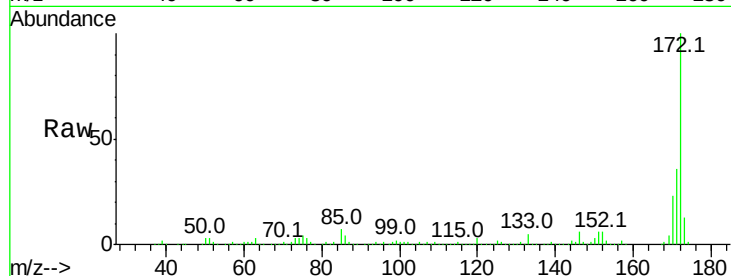




#44
2-Fluorobiphenyl
Concen: 97.62 ng
RT: 11.50 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

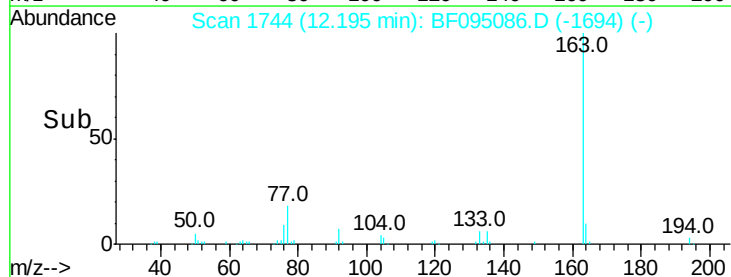
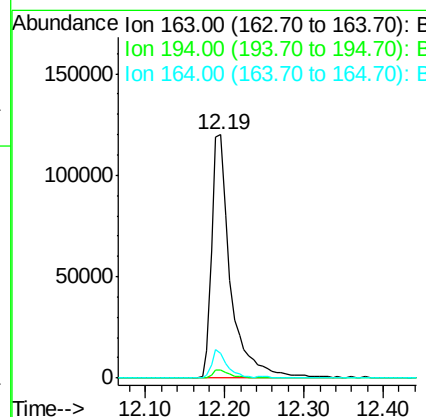
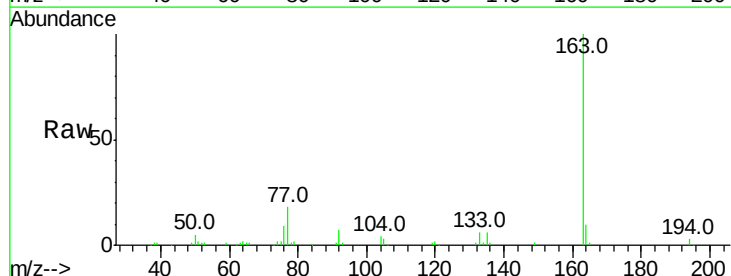
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

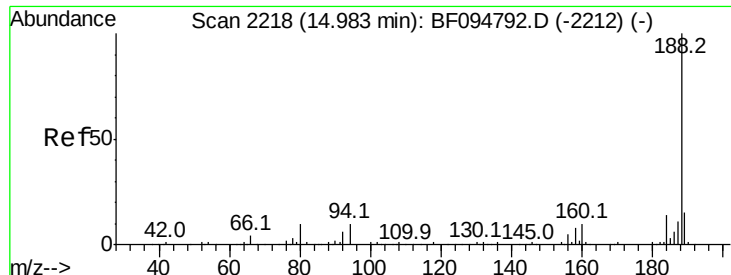
Tot Ion:172 Resp: 1292706
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 12.79 ng
RT: 12.19 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

Tgt Ion:163 Resp: 200056
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.4 12.6

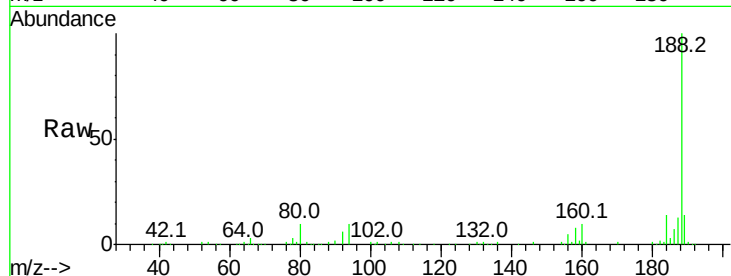




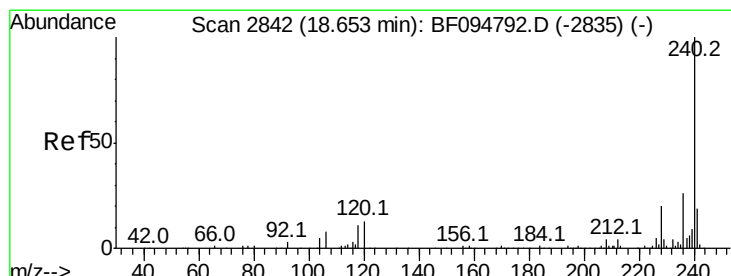
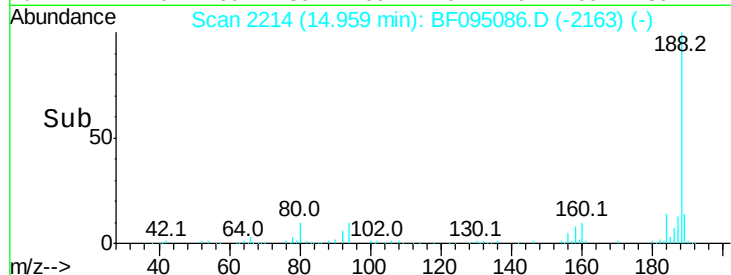
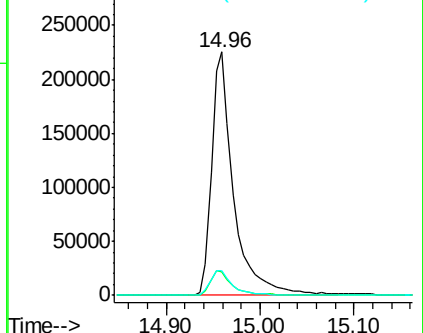
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF095086.D
 Acq: 11 May 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.4	10.2	15.2

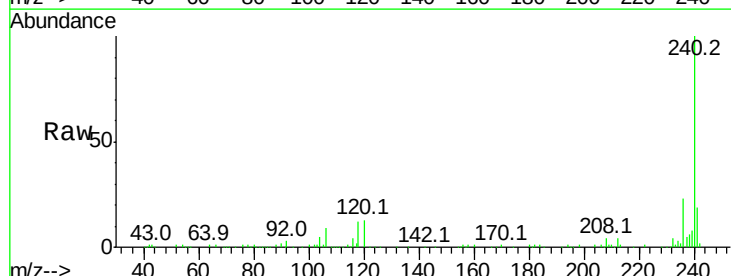


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

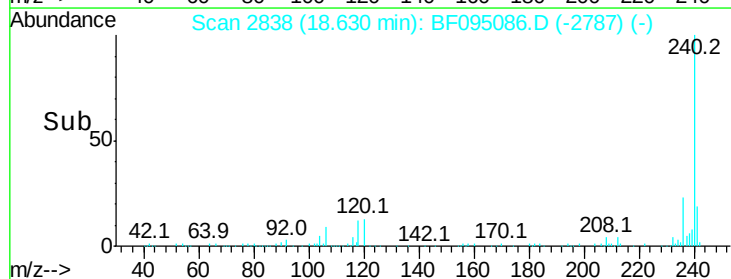
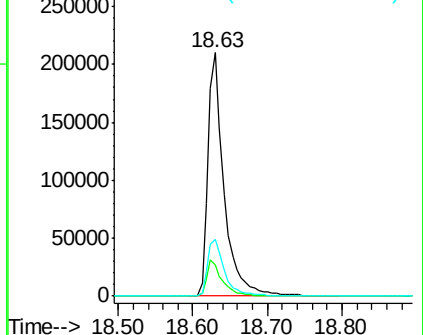


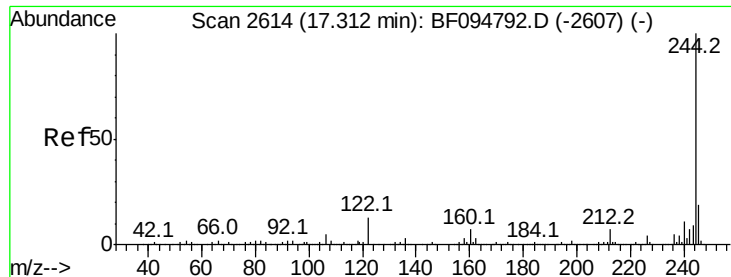
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BF095086.D
 Acq: 11 May 2017 18:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	23.4	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: 80.77 ng

RT: 17.29 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

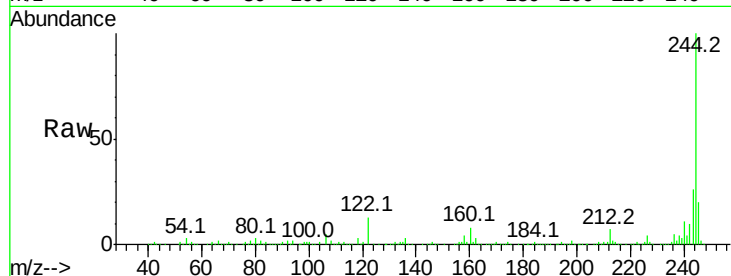
Tot Ion:244 Resp: 1158971

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

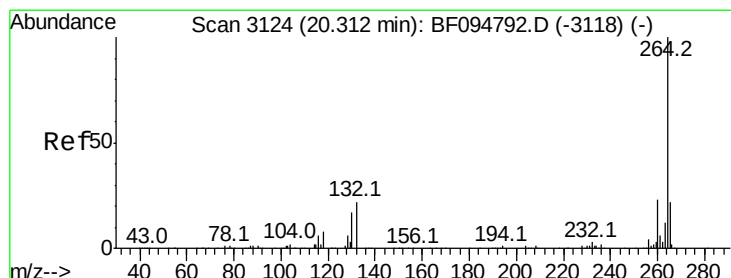
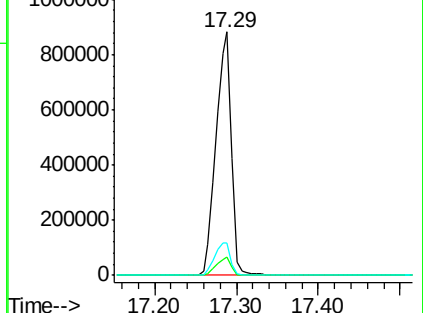
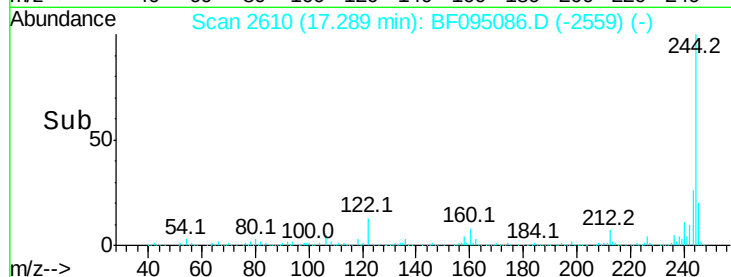
122 13.4 10.3 15.5



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: 20.29 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

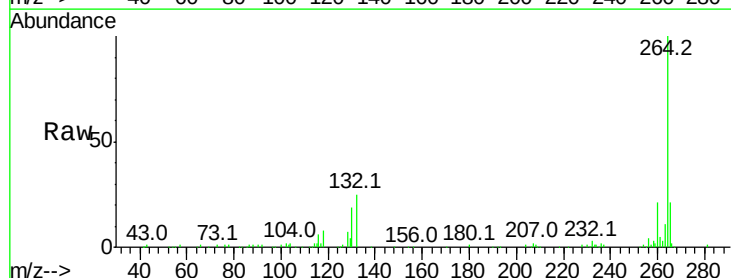
Tgt Ion:264 Resp: 223206

Ion Ratio Lower Upper

264 100

260 21.4 19.5 29.3

265 20.9 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

