

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095014.D
 Acq On : 9 May 2017 9:58
 Operator : SJ/MA
 Sample : I2947-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: May 09 11:59:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

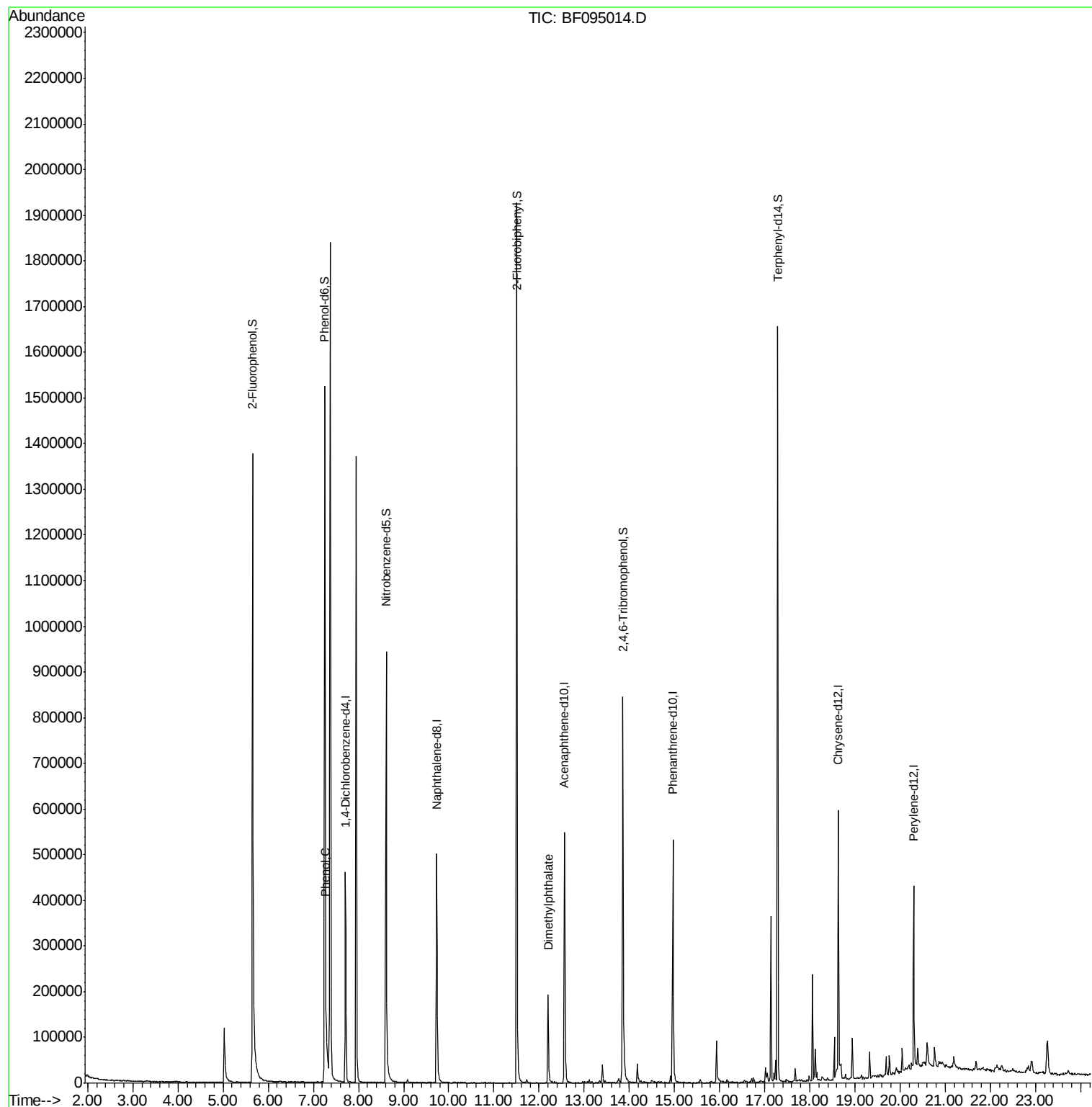
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	93901	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	383497	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	172218	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	298164	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	235138	20.00	ng	-0.02
86) Perylene-d12	20.30	264	176263	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	709052	125.89	ng	-0.02
7) Phenol-d6	7.25	99	873216	129.22	ng	-0.02
23) Nitrobenzene-d5	8.61	82	462386	76.03	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	155296	110.11	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	839302	70.15	ng	-0.02
78) Terphenyl-d14	17.29	244	617199	57.81	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	21738	3.05	ng	85
49) Dimethylphthalate	12.20	163	132088	9.34	ng	99

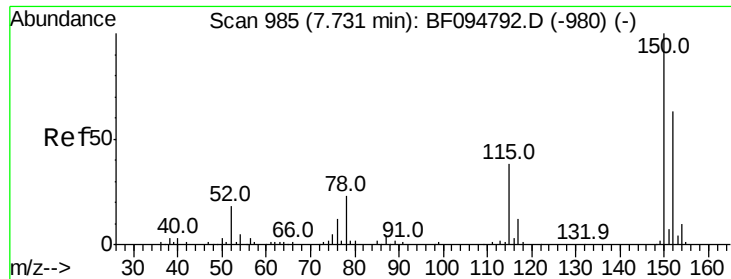
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

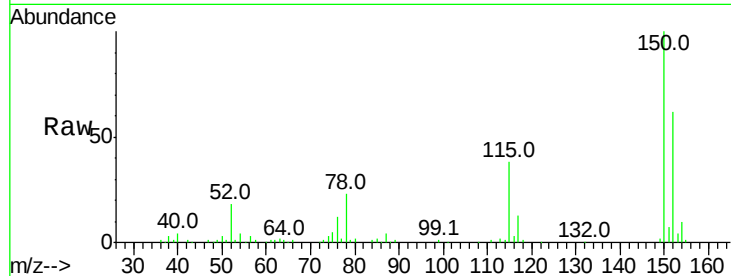
Tot Ion:152 Resp: 93901

Ion Ratio Lower Upper

152 100

150 162.6 126.2 189.2

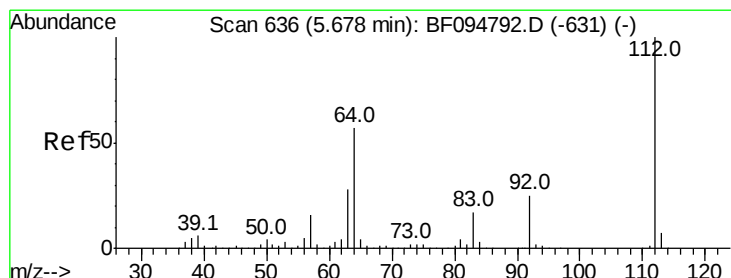
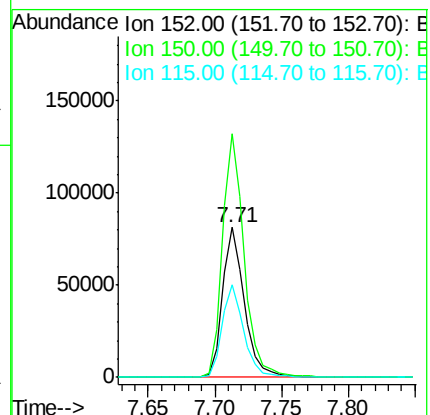
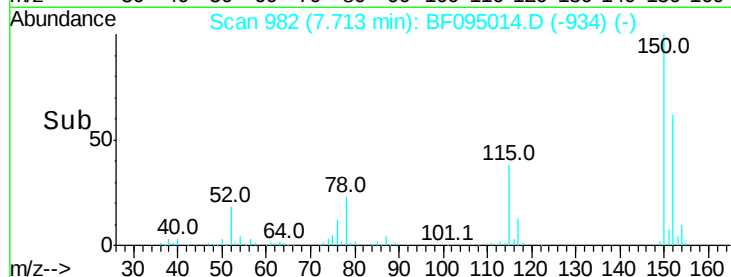
115 61.8 52.2 78.2



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: 125.89 ng

RT: 5.65 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

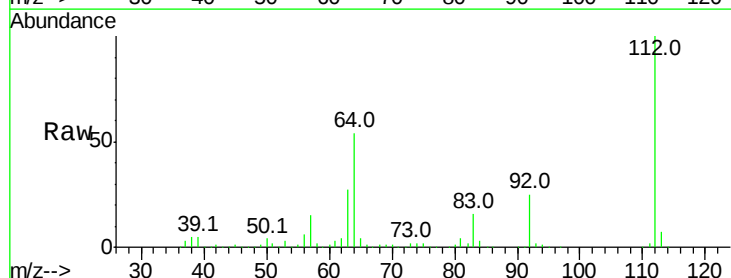
Tgt Ion:112 Resp: 709052

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

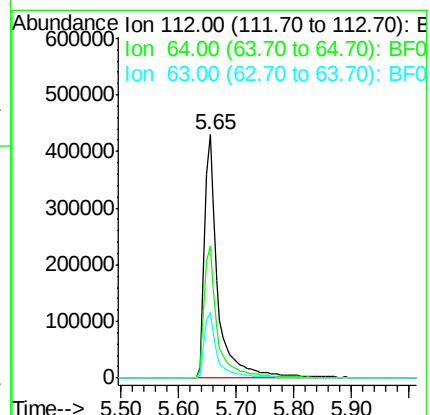
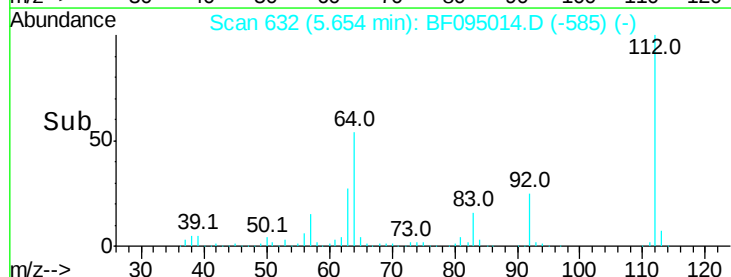
63 27.0 23.4 35.0

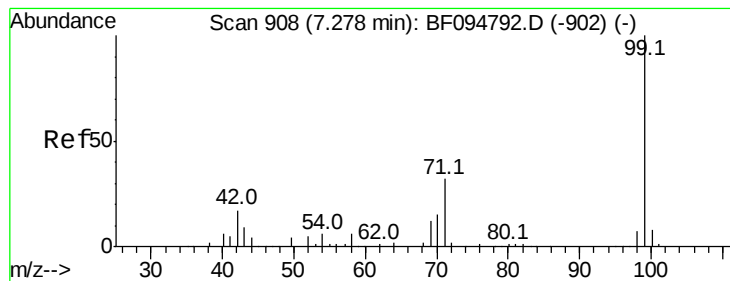


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.22 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

Instrument :

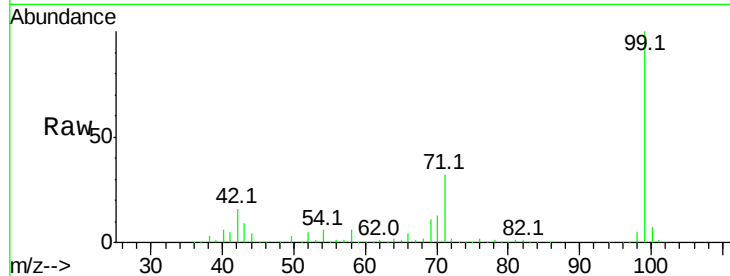
BNA_F

ClientSampleId :

SB-04-COMP

Tot Ion: 99 Resp: 873216

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.2	24.5	36.7

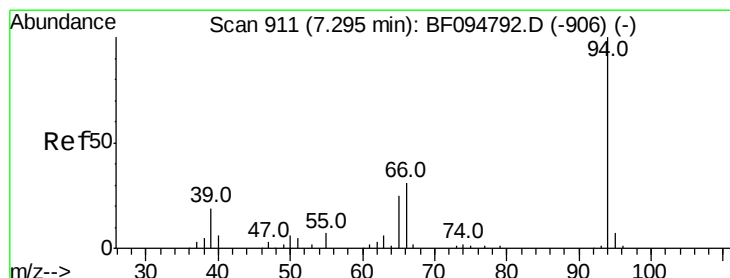
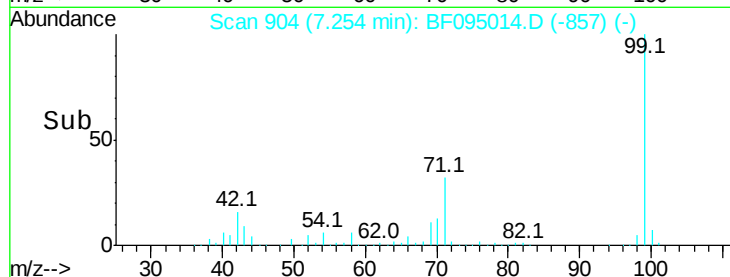
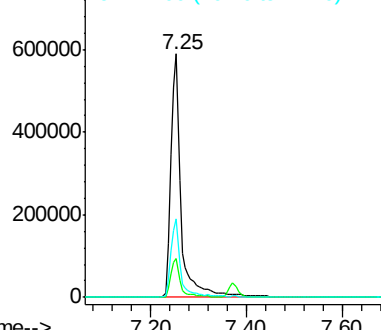


Abundance

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: 3.05 ng

RT: 7.27 min Scan# 907

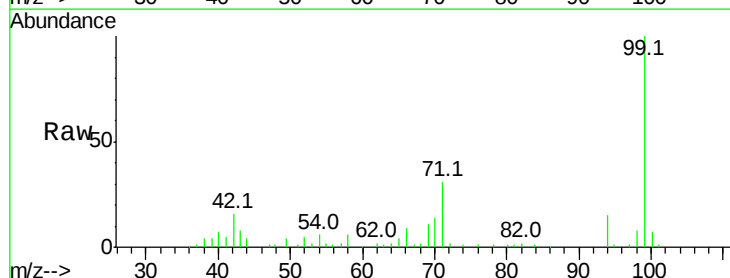
Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

Tgt Ion: 94 Resp: 21738

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	58.2	23.1	63.1

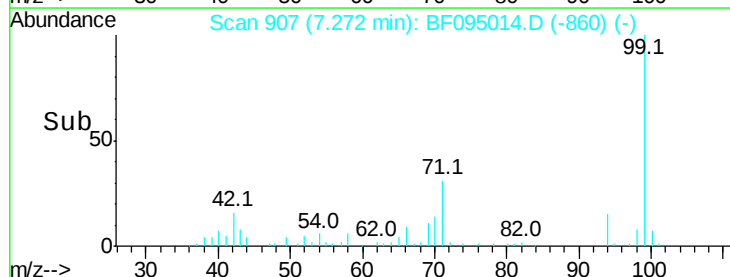
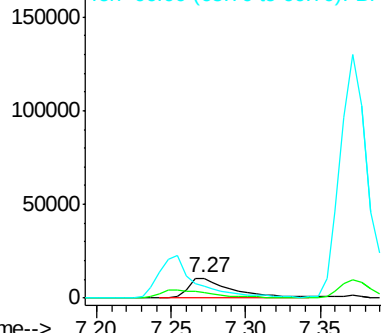


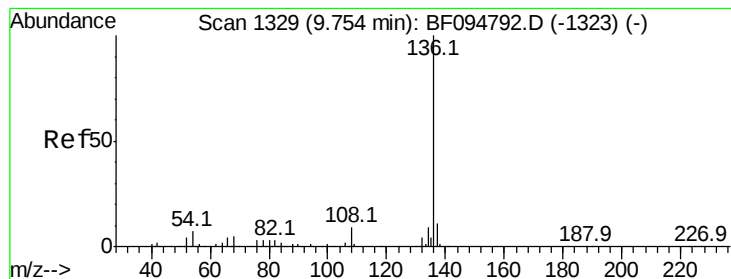
Abundance

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

Tot Ion:136 Resp: 383497

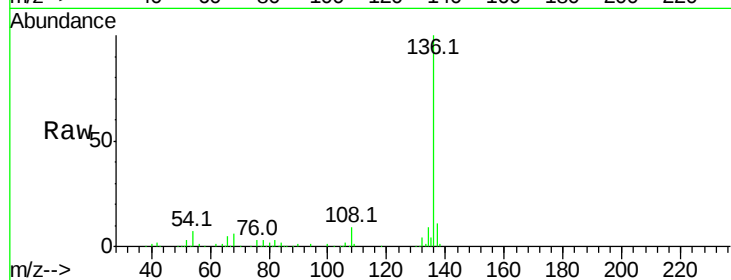
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.8 4.1 6.1

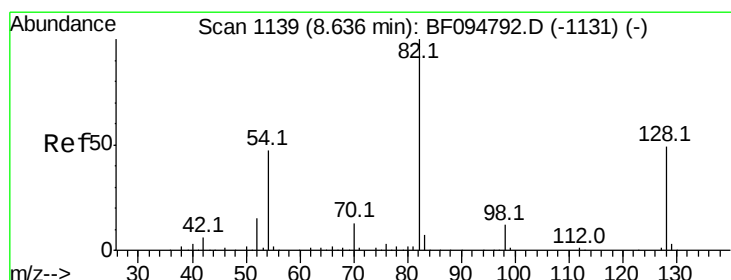
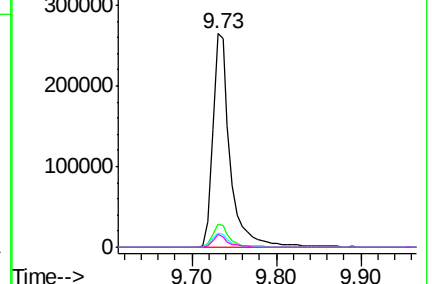
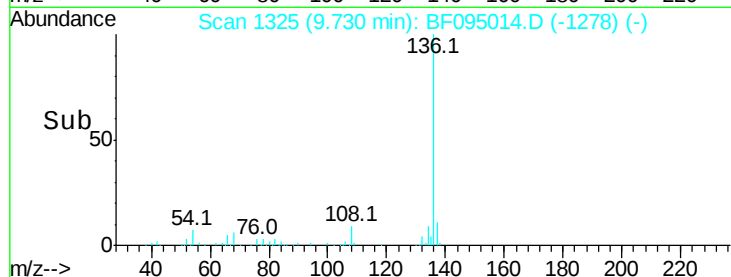


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.03 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

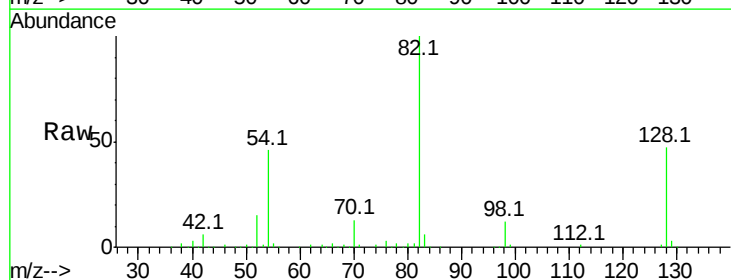
Tgt Ion: 82 Resp: 462386

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

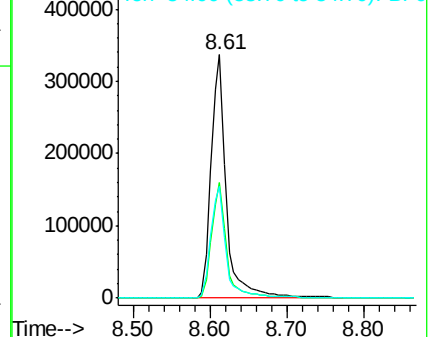
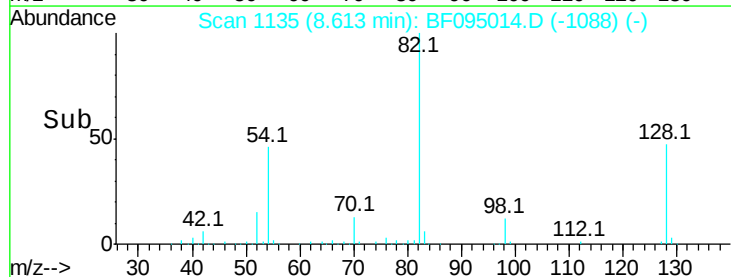
54 45.8 42.2 63.2

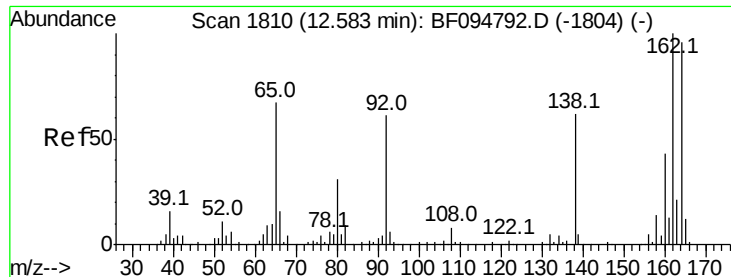


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

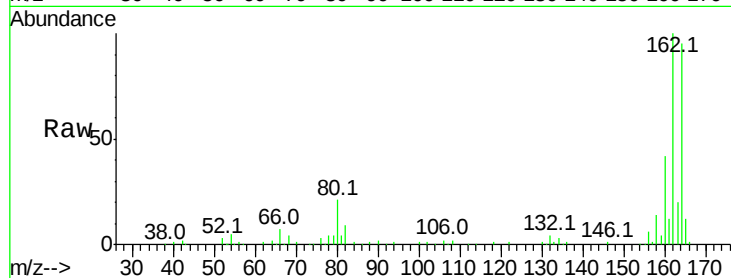
Tot Ion:164 Resp: 172218

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

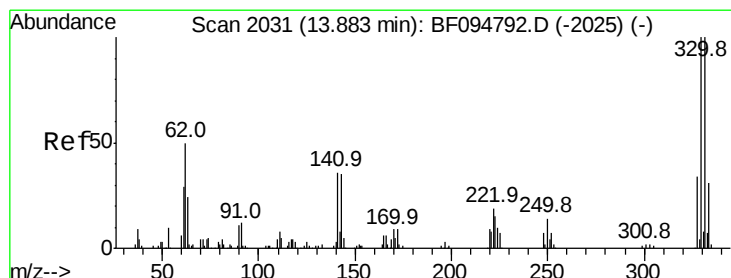
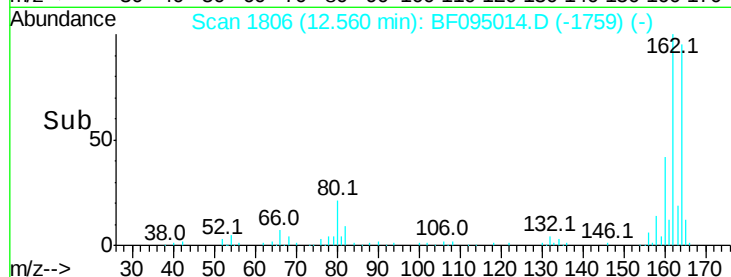
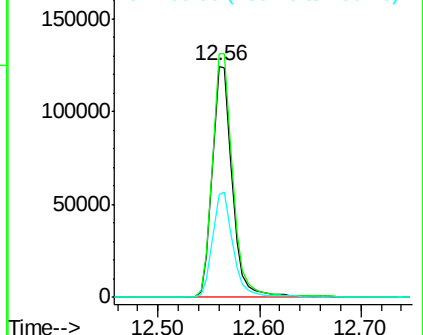
160 44.4 36.2 54.2



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: 110.11 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095014.D

Acq: 9 May 2017 9:58

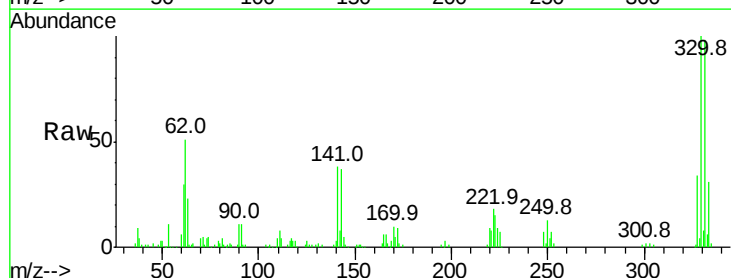
Tgt Ion:330 Resp: 155296

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

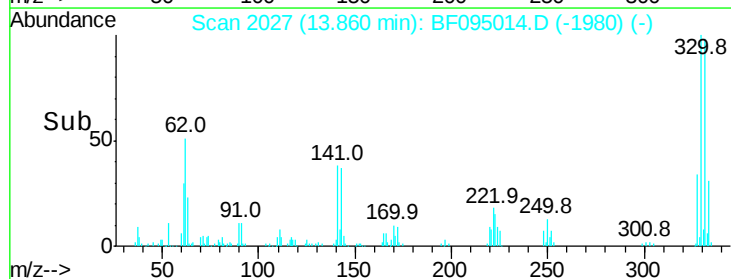
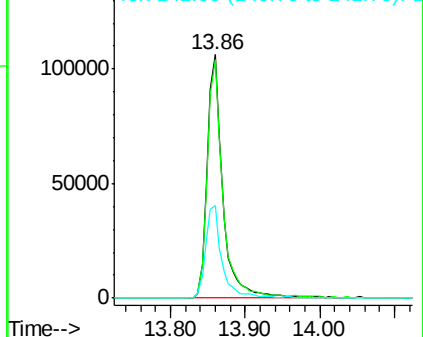
141 39.6 31.4 47.2

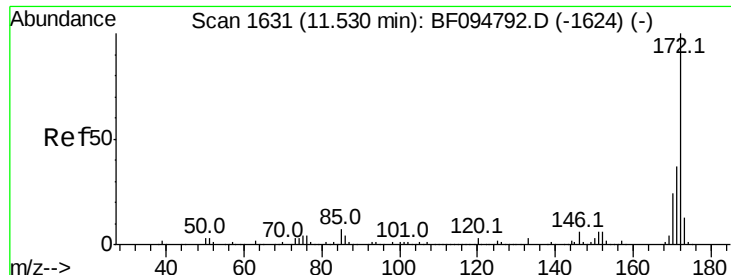


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

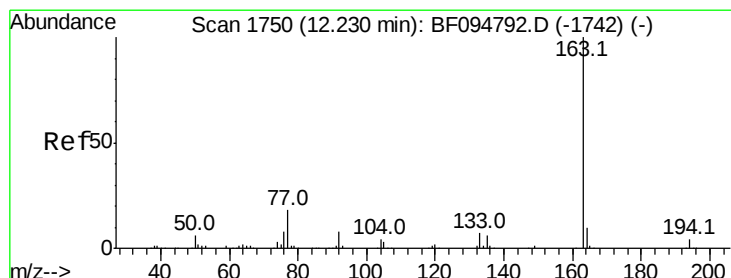
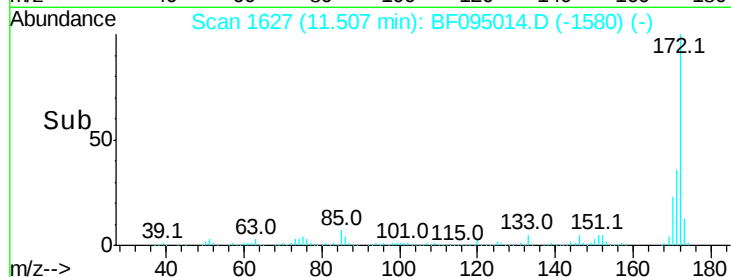
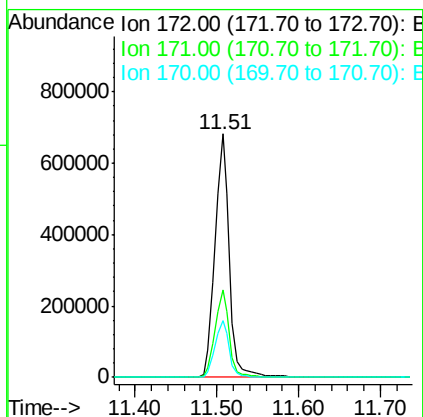
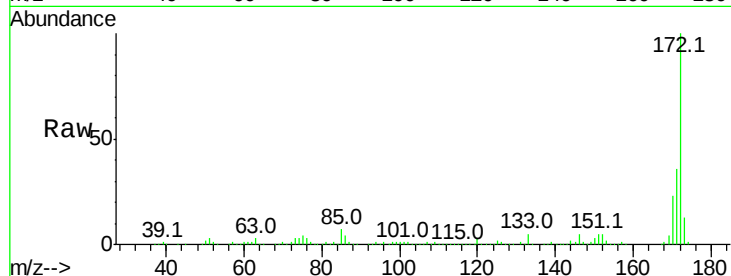




#44
2-Fluorobiphenyl
Concen: 70.15 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

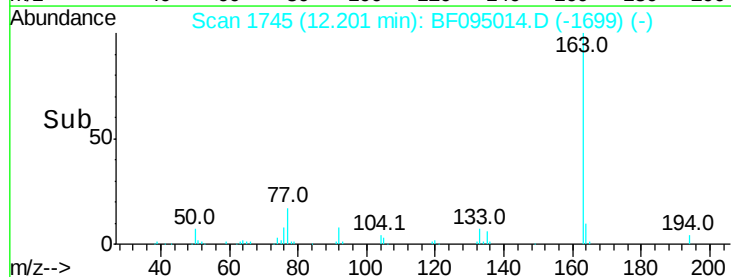
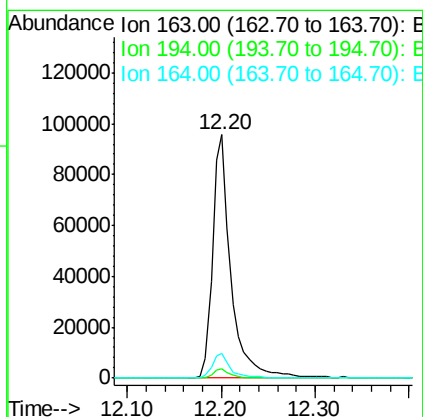
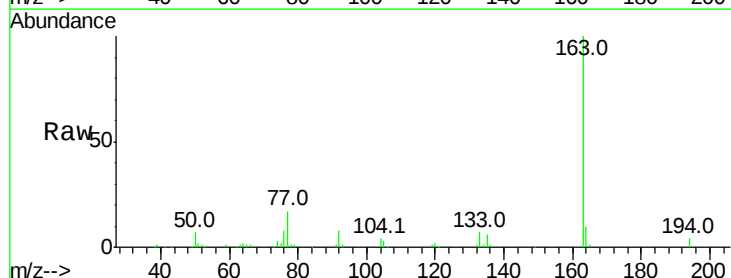
Instrument :
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SB-04-COMP

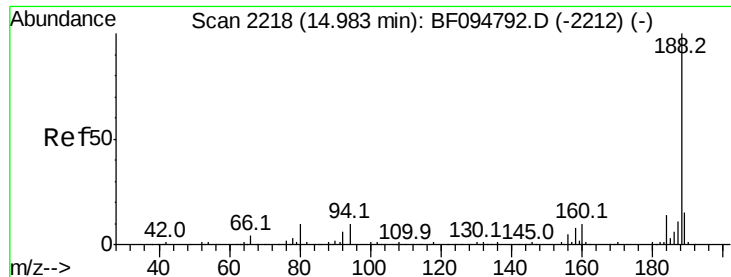
Tot Ion:172 Resp: 839302
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 9.34 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:163 Resp: 132088
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.1 8.4 12.6

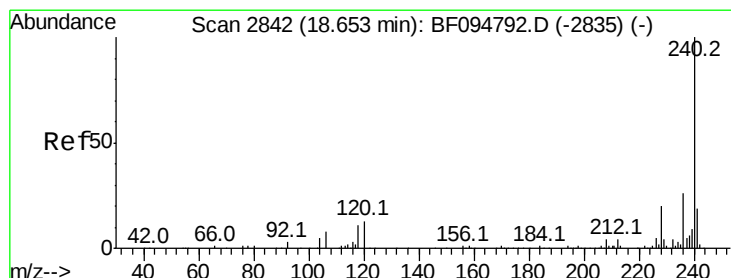
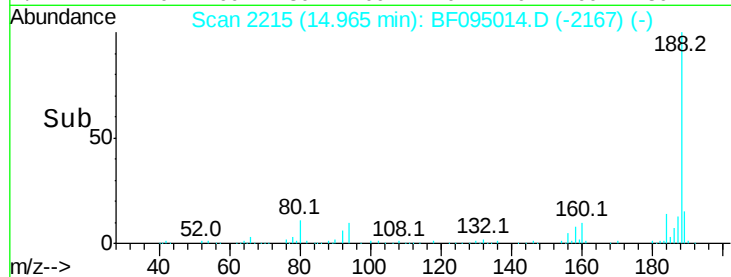
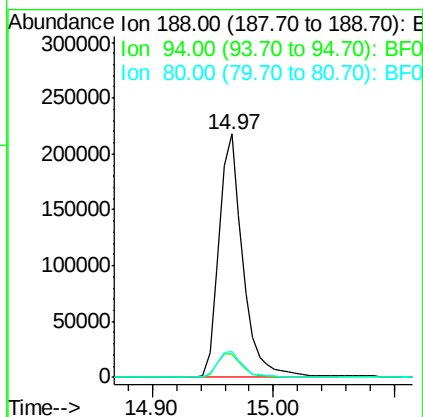
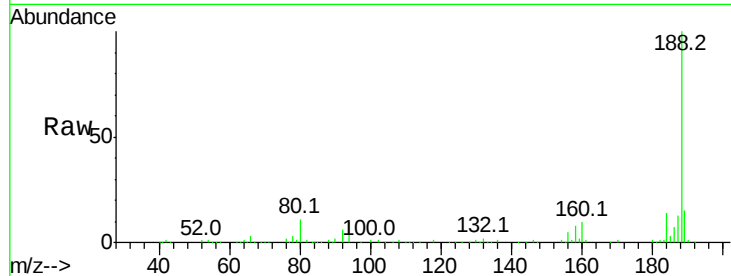




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095014.D
 Acq: 9 May 2017 9:58

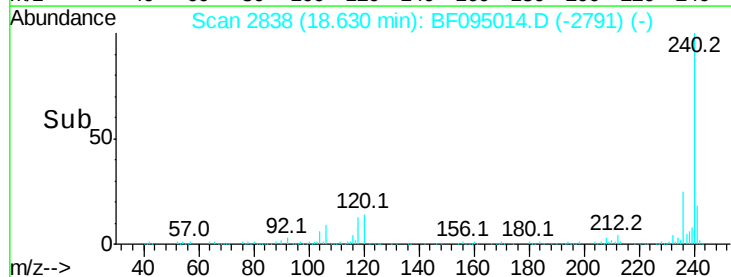
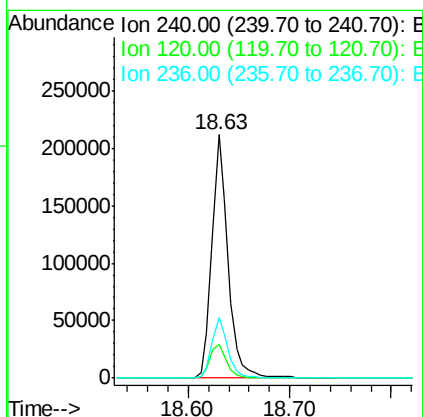
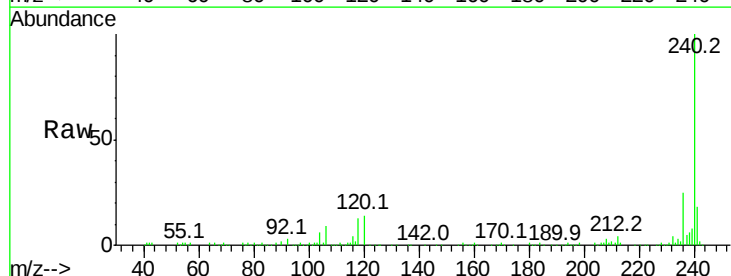
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

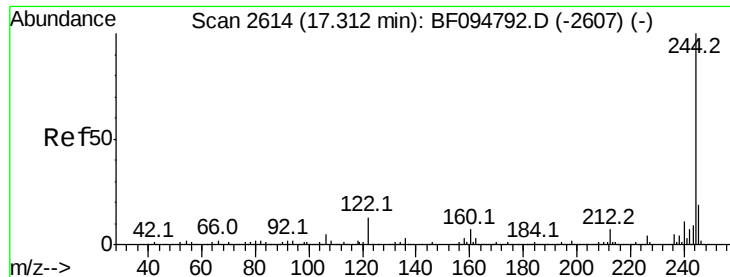
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.5	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095014.D
 Acq: 9 May 2017 9:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.0	20.5	30.7

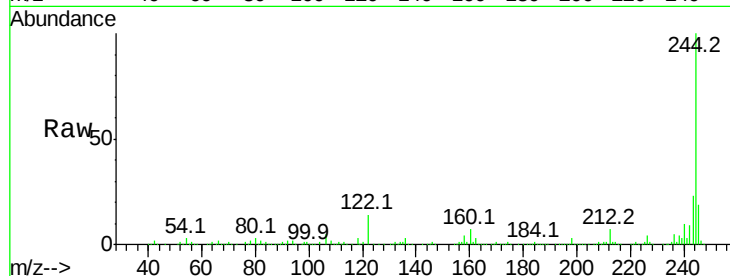




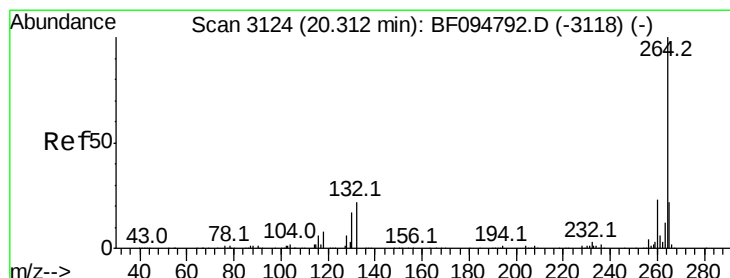
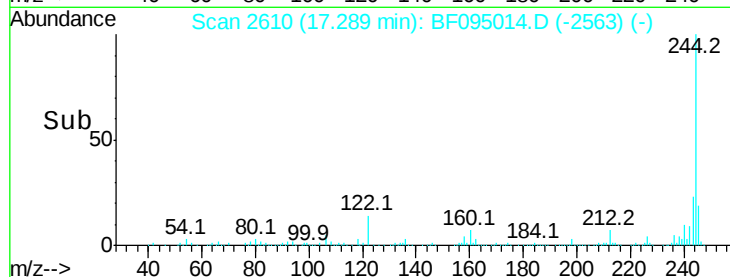
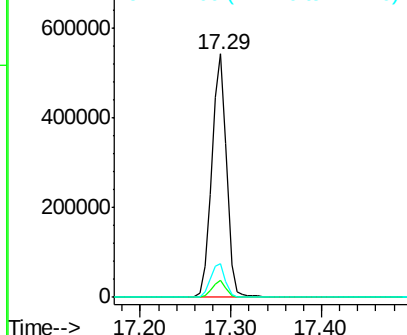
#78
 Terphenyl-d14
 Concen: 57.81 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095014.D
 Acq: 9 May 2017 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion:244 Resp: 617199
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.0 10.3 15.5

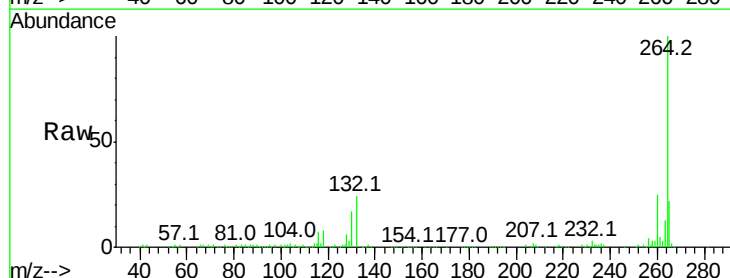


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095014.D
 Acq: 9 May 2017 9:58

Tgt Ion:264 Resp: 176263
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.5 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

