

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097464.D
 Acq On : 8 Aug 2017 12:49
 Operator : SJ/JU
 Sample : I4613-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

Quant Time: Aug 08 17:30:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

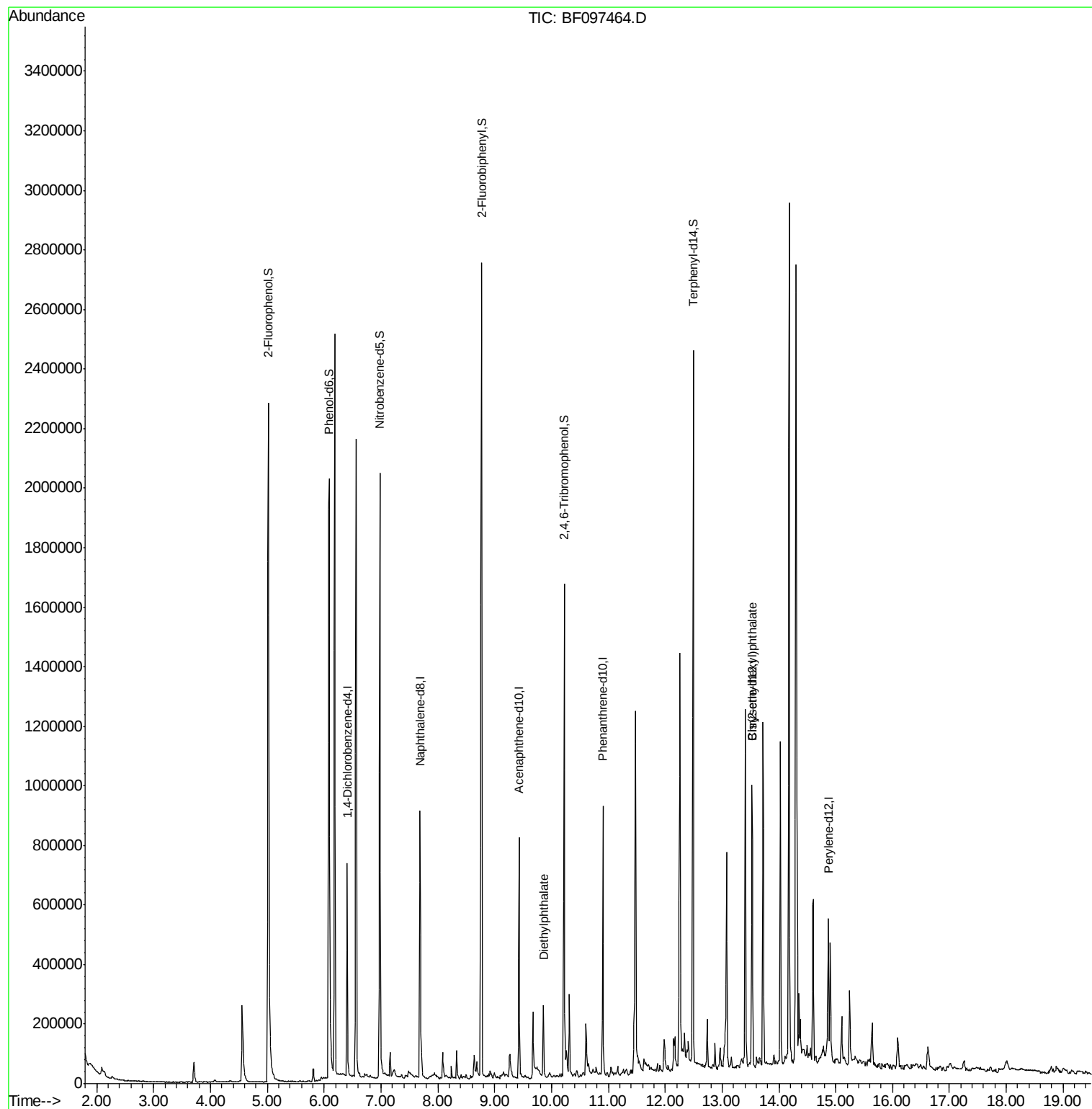
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	105115	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	420797	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	168448	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	311876	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	240469	20.00	ng	-0.01
86) Perylene-d12	14.87	264	178732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	815234	116.92	ng	0.01
7) Phenol-d6	6.09	99	888201	111.58	ng	0.00
23) Nitrobenzene-d5	6.98	82	667817	93.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	203565	152.95	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1025497	103.32	ng	0.00
78) Terphenyl-d14	12.49	244	837711	71.03	ng	0.00
Target Compounds						
59) Diethylphthalate	9.86	149	95025	8.097	ng	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	70436	5.387	ng	99

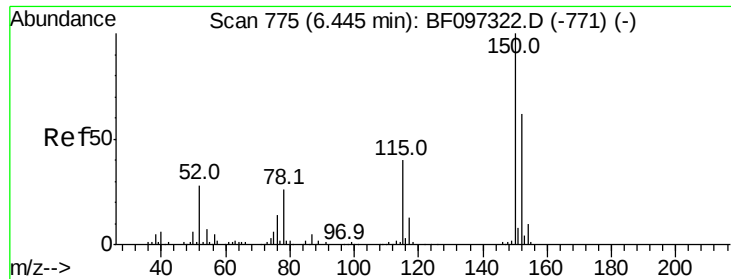
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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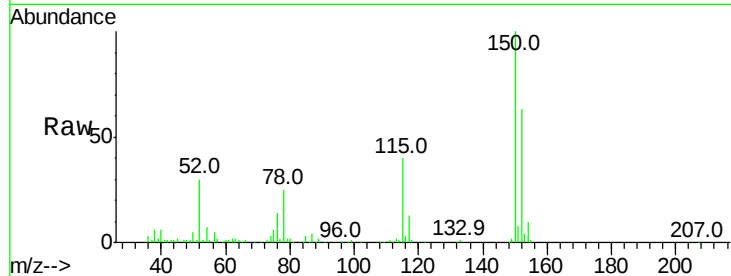


#1

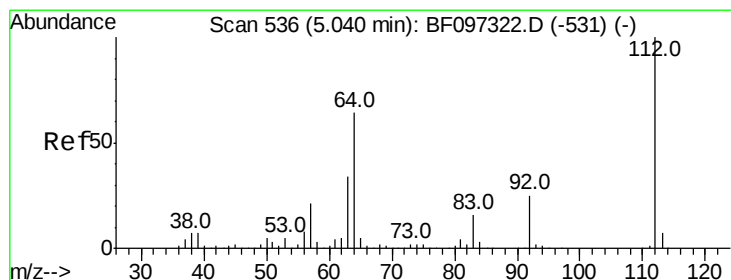
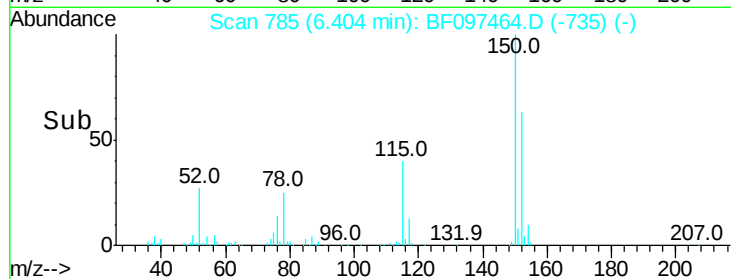
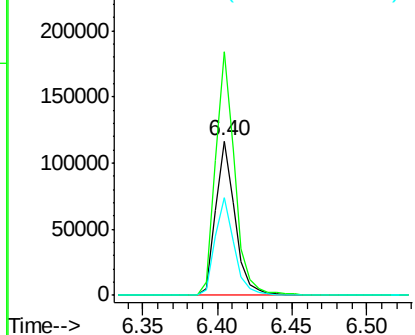
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

Tot Ion:152 Resp: 105115
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 63.4 52.2 78.2



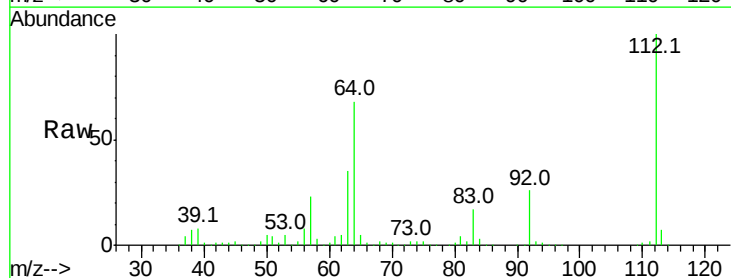
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



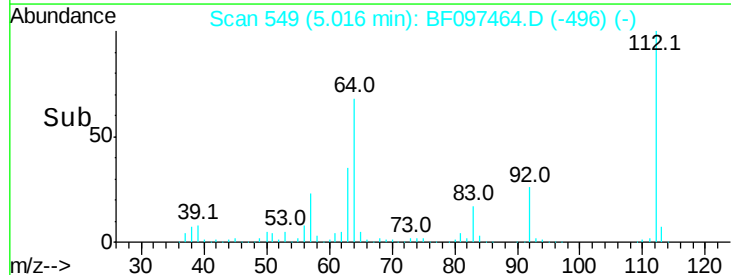
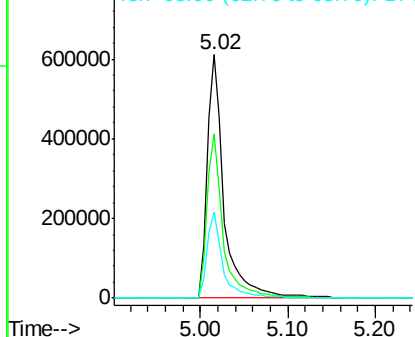
#5

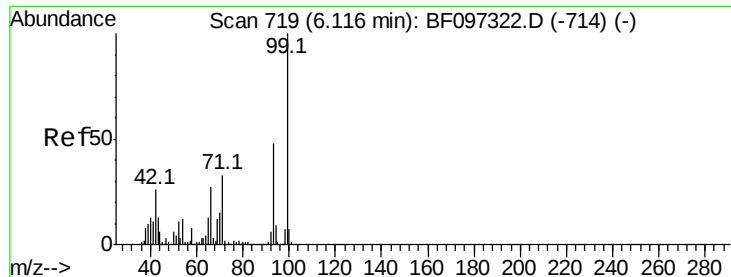
2-Fluorophenol
 Concen: 116.915 ng
 RT: 5.02 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt Ion:112 Resp: 815234
 Ion Ratio Lower Upper
 112 100
 64 67.7 46.0 69.0
 63 35.3 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: 111.578 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Instrument :

BNA_F

ClientSampleId :

TR-05-080317

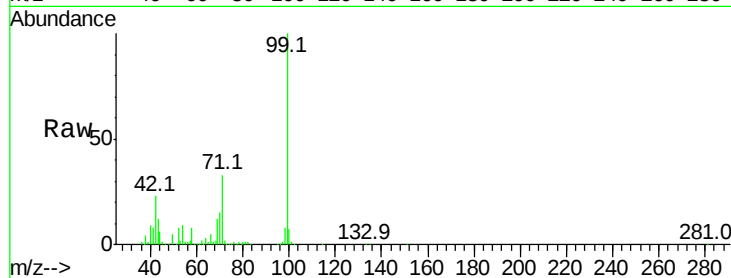
Tot Ion: 99 Resp: 888201

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

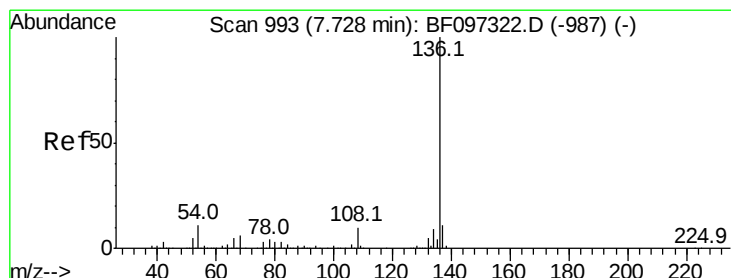
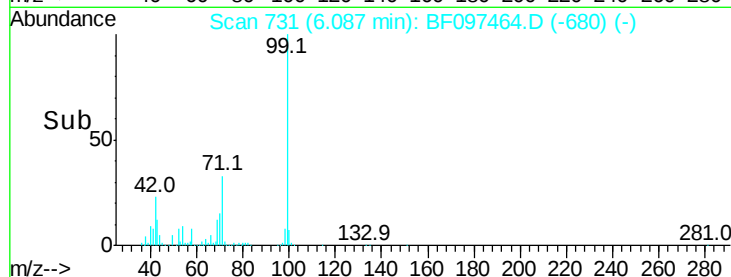
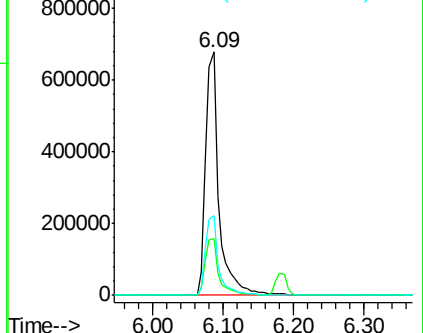
71 32.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Tgt Ion: 136 Resp: 420797

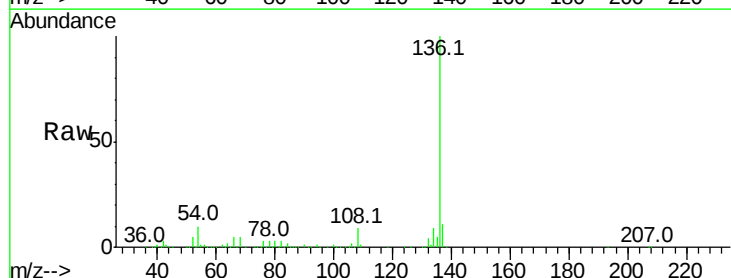
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.4 4.9 7.3#

68 5.4 4.1 6.1

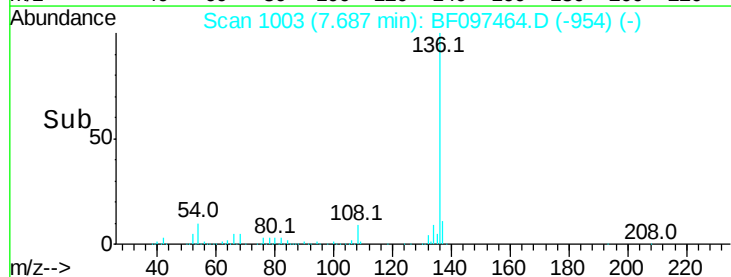
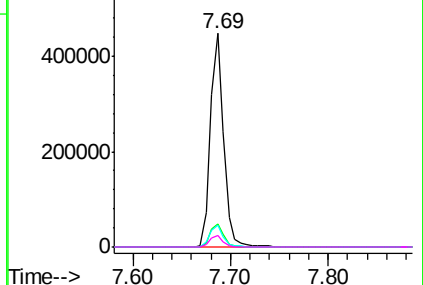


Abundance Ion 136.00 (135.70 to 136.70): E

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

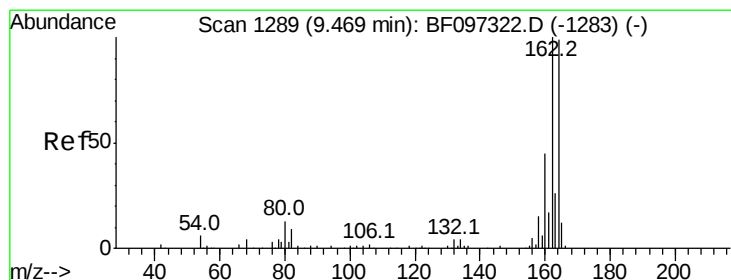
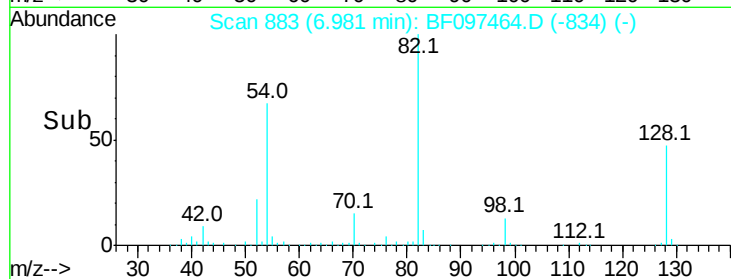
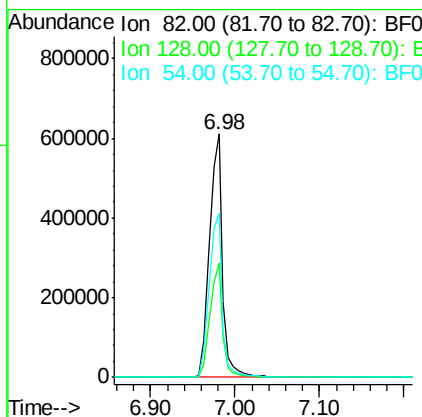
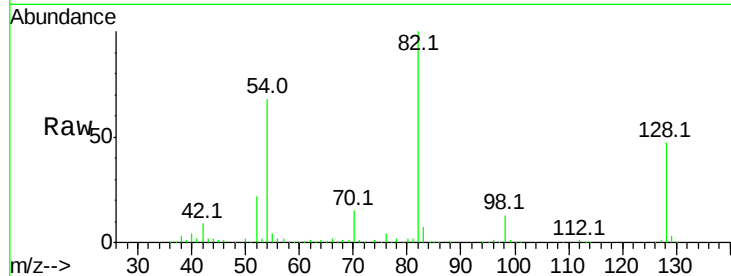




#23
 Nitrobenzene-d5
 Concen: 93.101 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

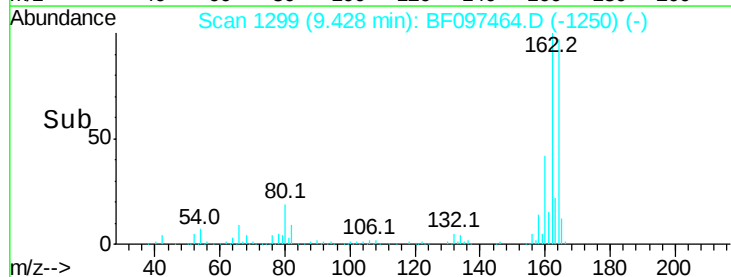
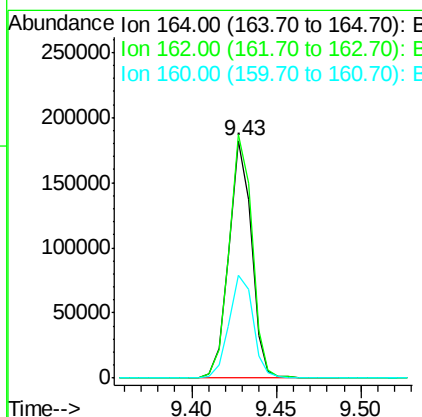
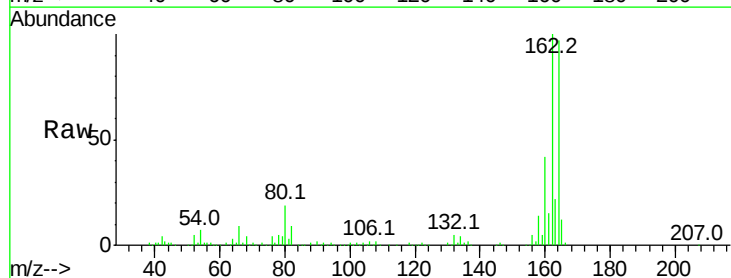
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

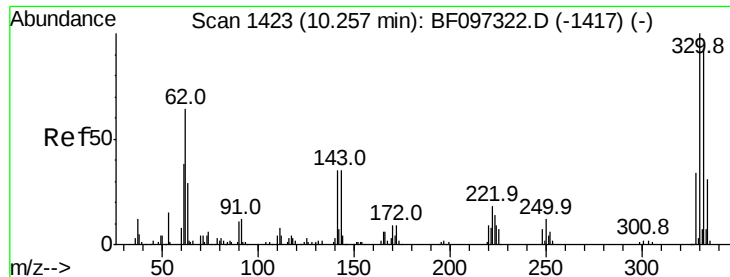
Tot Ion: 82 Resp: 667817
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 67.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt Ion:164 Resp: 168448
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 43.4 36.2 54.2

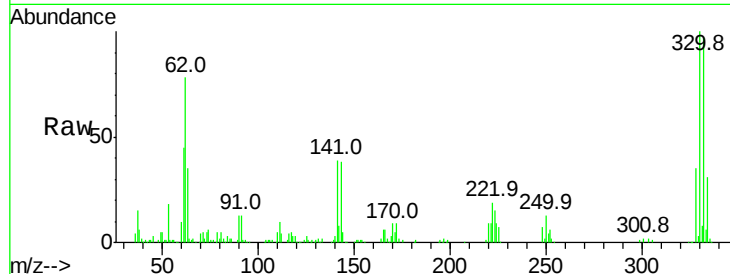




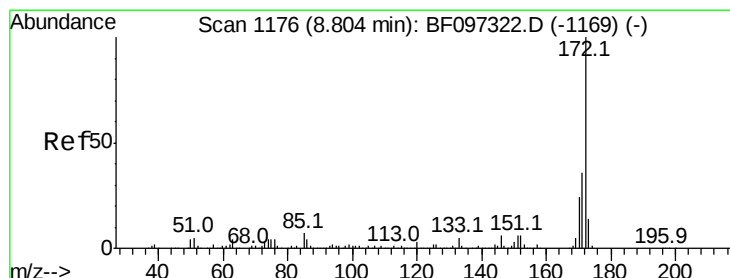
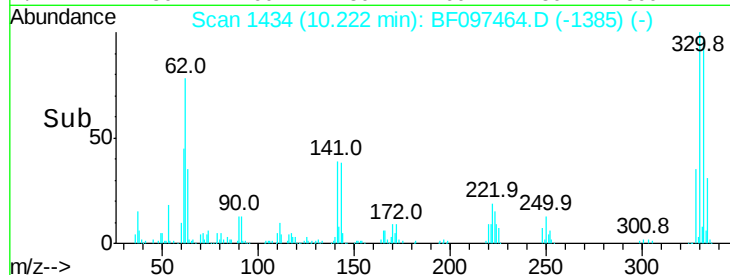
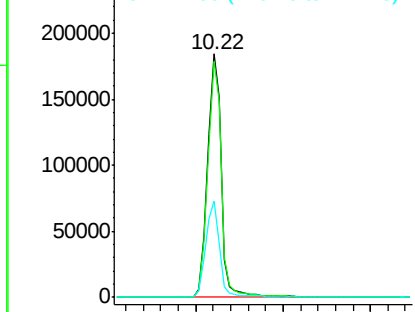
#41
 2,4,6-Tribromophenol
 Concen: 152.953 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.7	31.4	47.2

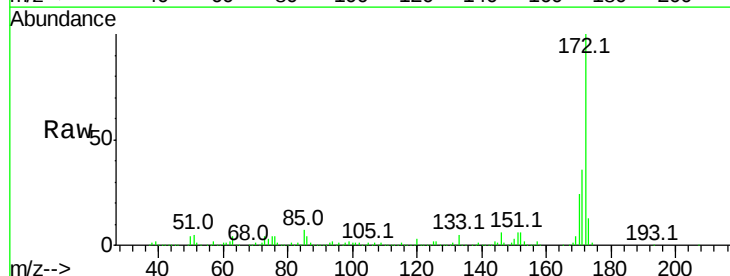


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

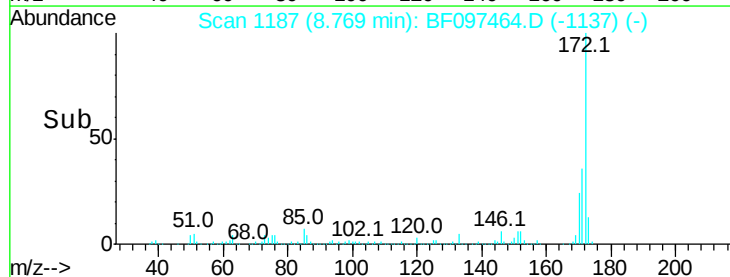
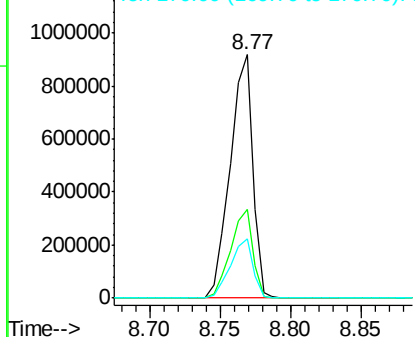


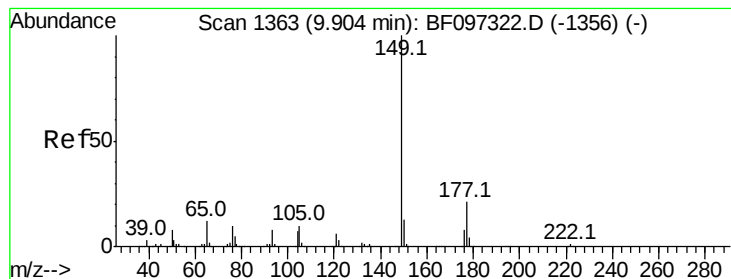
#44
 2-Fluorobiphenyl
 Concen: 103.318 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	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





#59

Diethylphthalate

Concen: 8.097 ng

RT: 9.86 min Scan# 1372

Delta R.T. -0.03 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Instrument :

BNA_F

ClientSampleId :

TR-05-080317

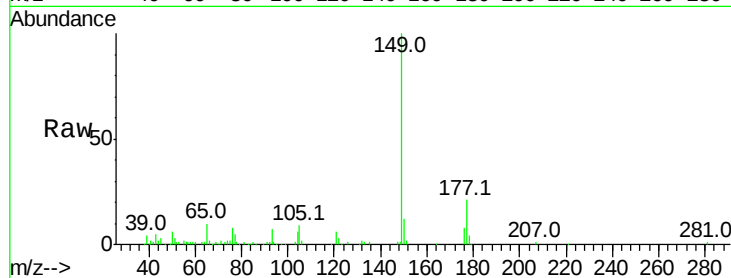
Tot Ion:149 Resp: 95025

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

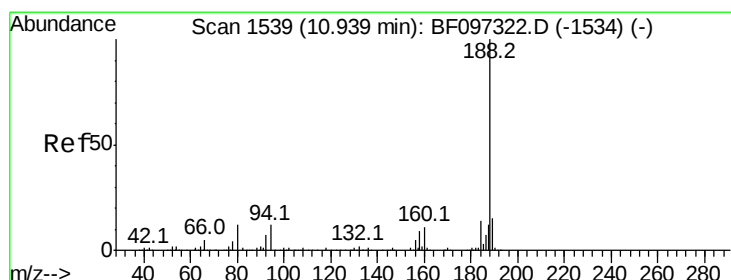
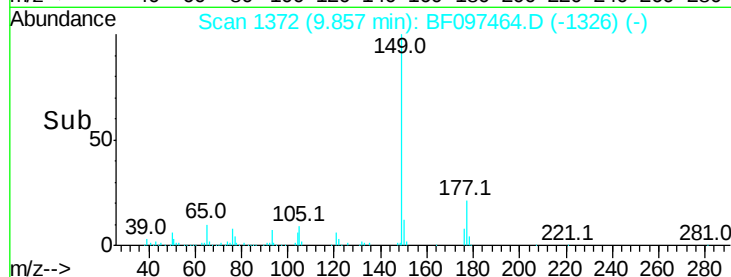
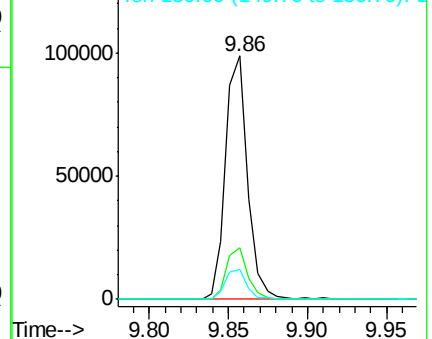
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

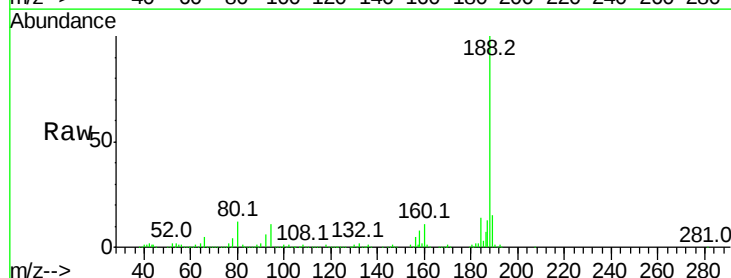
Tgt Ion:188 Resp: 311876

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

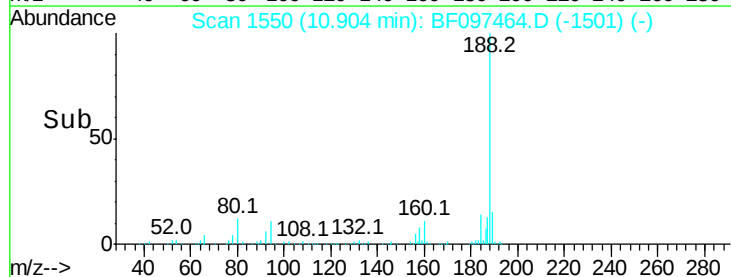
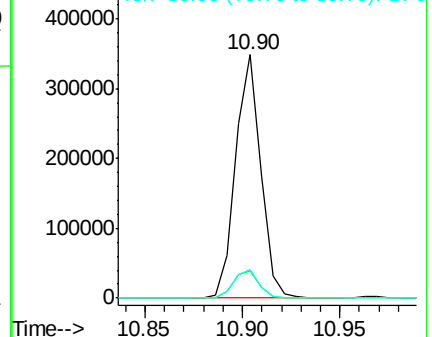
80 11.6 10.2 15.2

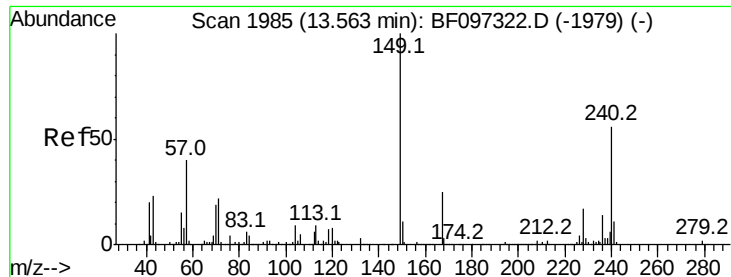


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Instrument :

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ClientSampleId :

TR-05-080317

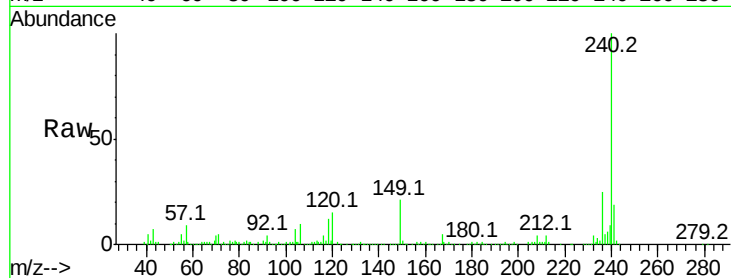
Tot Ion:240 Resp: 240469

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

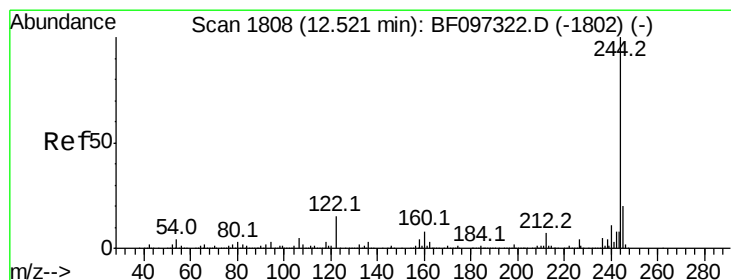
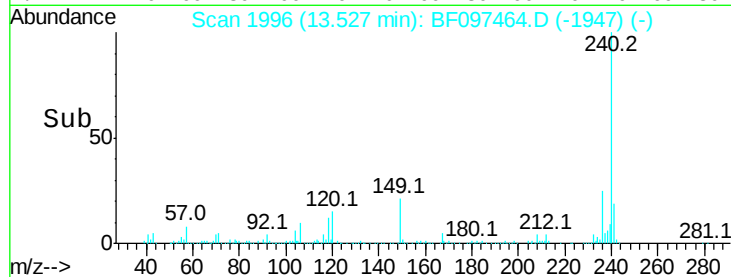
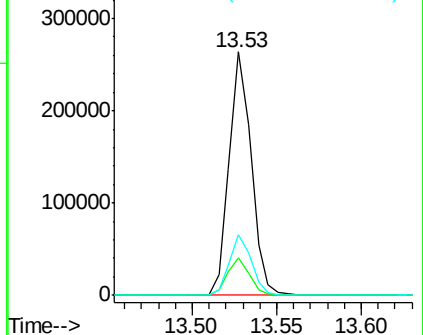
236 24.7 20.5 30.7



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: 71.027 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

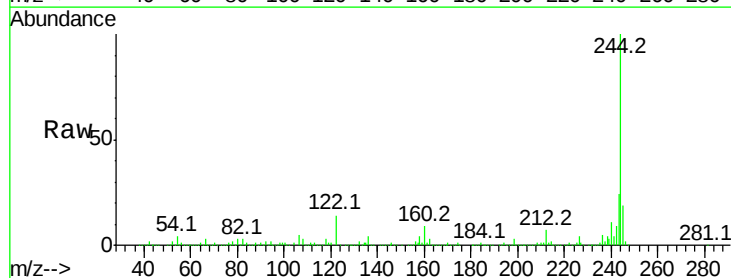
Tgt Ion:244 Resp: 837711

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

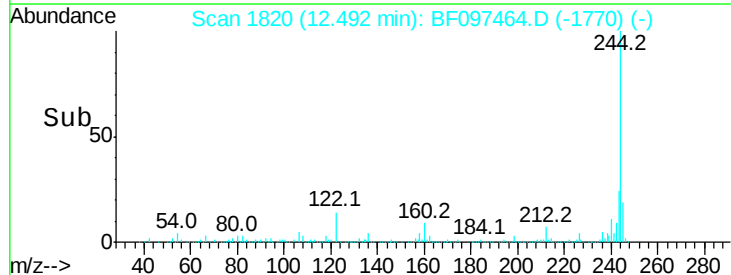
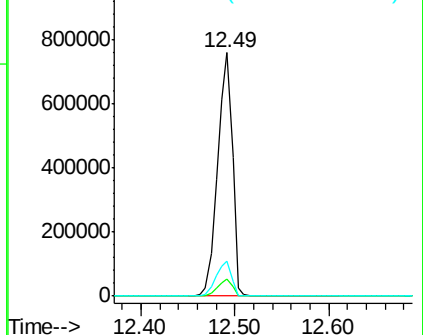
122 14.5 10.3 15.5

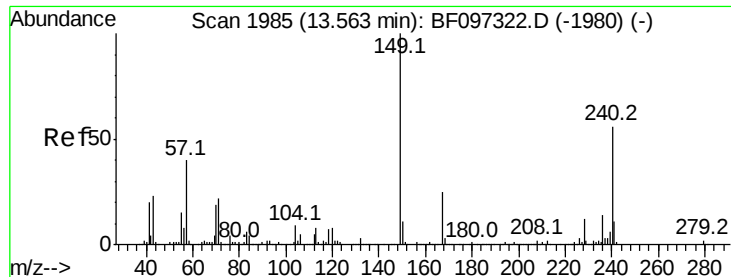


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.387 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

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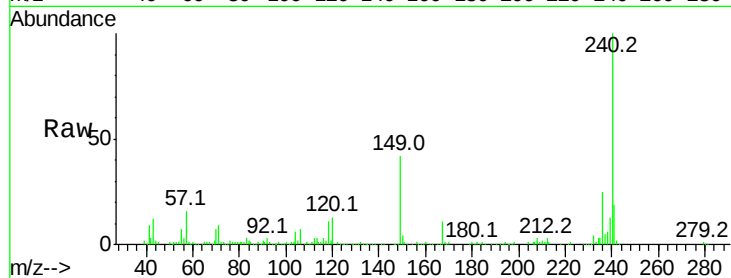
Tot Ion:149 Resp: 70436

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

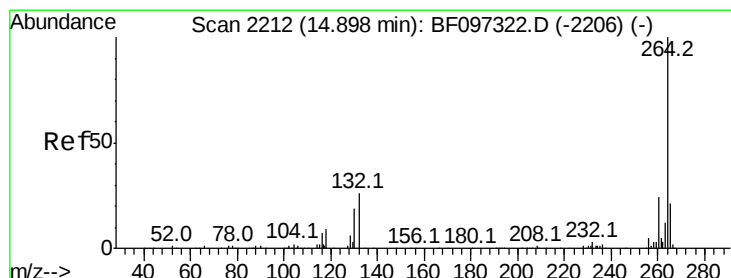
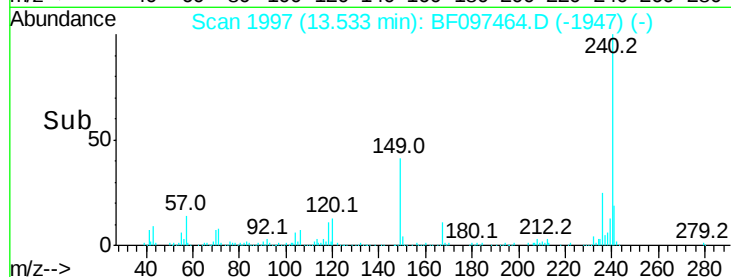
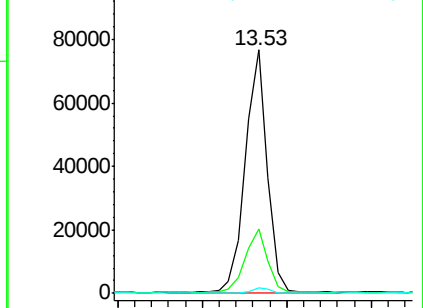
279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

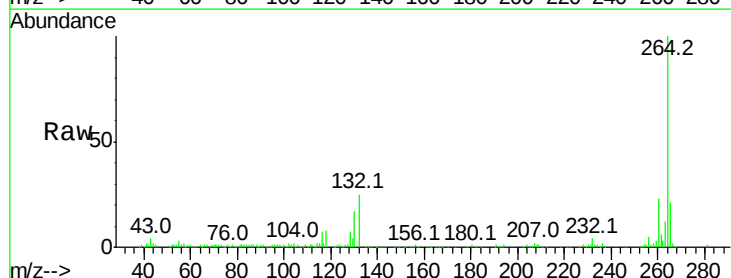
Tgt Ion:264 Resp: 178732

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.4 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

