

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010050.D
 Acq On : 15 May 2017 21:18
 Operator : SJ/MA
 Sample : I3147-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:22:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

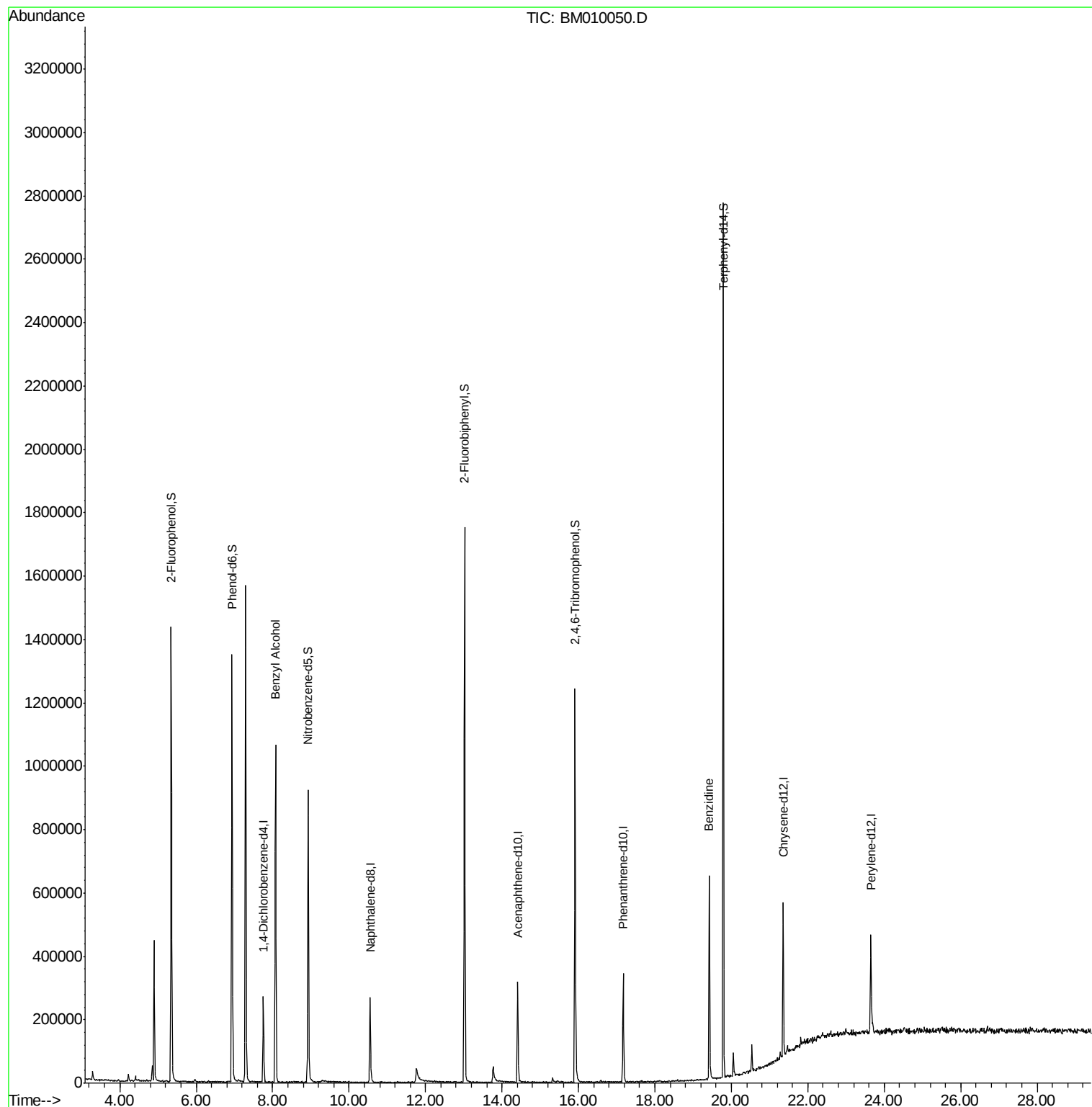
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	49689	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	177409	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	91114	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	182842	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	217437	20.00	ng	-0.03
86) Perylene-d12	23.65	264	217910	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	410547	129.30	ng	-0.02
7) Phenol-d6	6.94	99	551213	108.34	ng	-0.03
23) Nitrobenzene-d5	8.93	82	514310	105.94	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	141880	113.78	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	698244	102.48	ng	-0.03
78) Terphenyl-d14	19.79	244	930959	90.24	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.07	79	8787	2.03	ng	Qvalue # 32
76) Benzidine	19.43	184	308733	56.79	ng	98

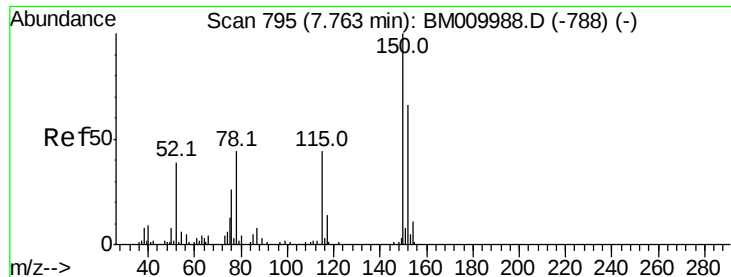
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

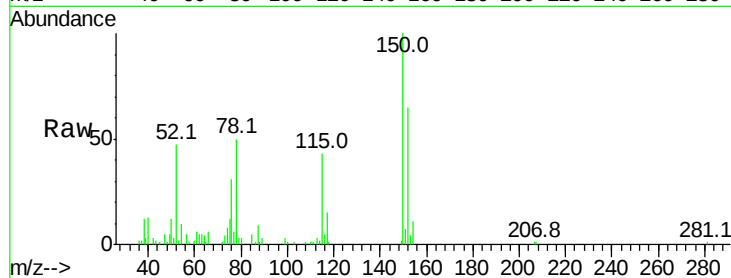
Tot Ion:152 Resp: 49689

Ion Ratio Lower Upper

152 100

150 154.7 119.5 179.3

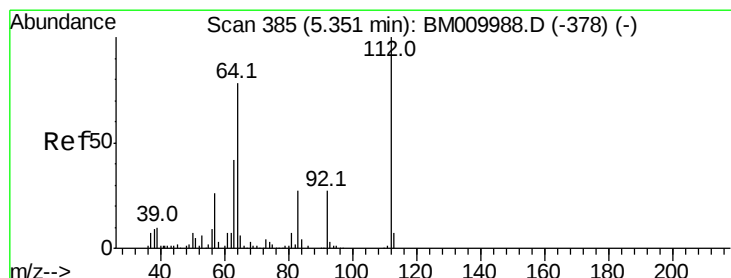
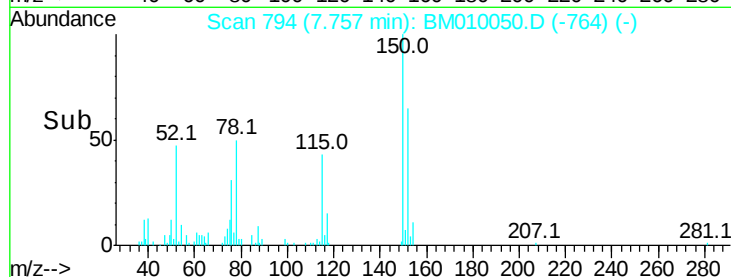
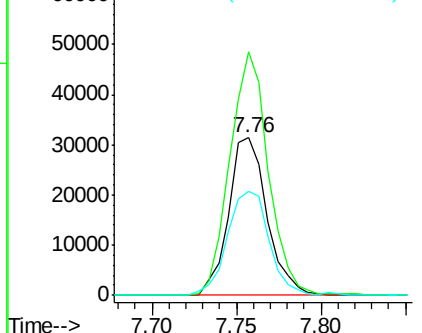
115 66.3 43.0 64.4#



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: 129.30 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

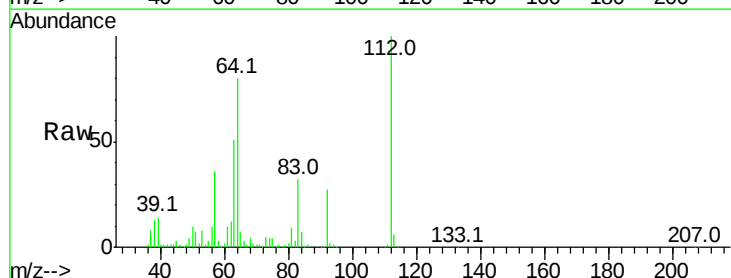
Tgt Ion:112 Resp: 410547

Ion Ratio Lower Upper

112 100

64 80.0 38.6 57.8#

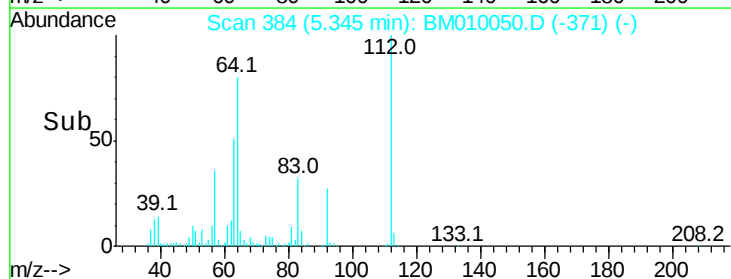
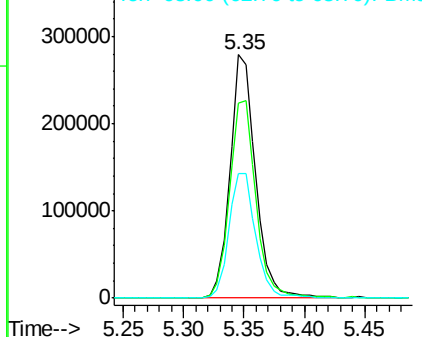
63 51.2 19.3 28.9#

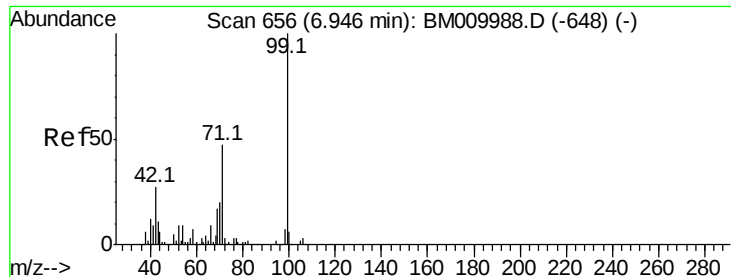


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

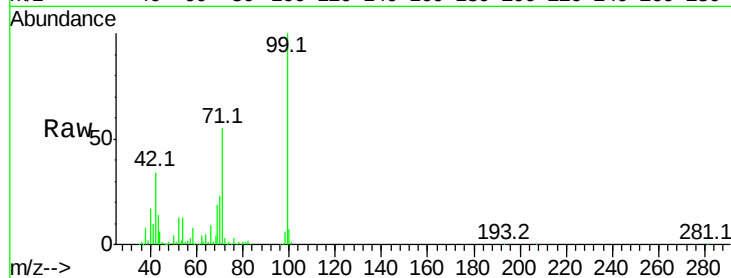
Tot Ion: 99 Resp: 551213

Ion Ratio Lower Upper

99 100

42 34.3 11.0 16.4#

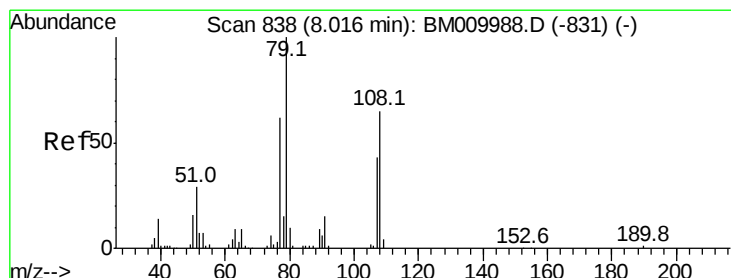
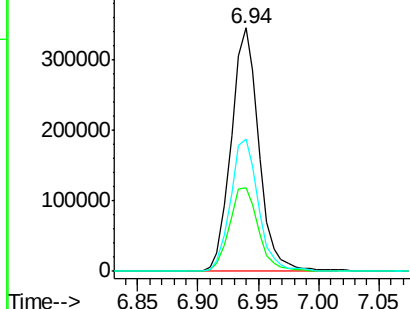
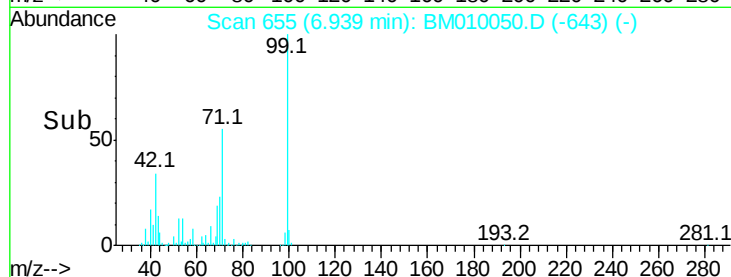
71 54.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.04 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

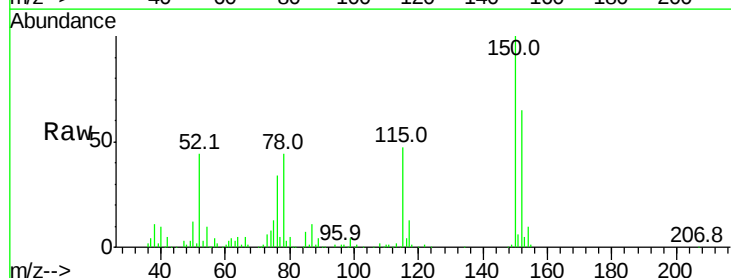
Tgt Ion: 79 Resp: 8787

Ion Ratio Lower Upper

79 100

108 49.4 65.0 97.4#

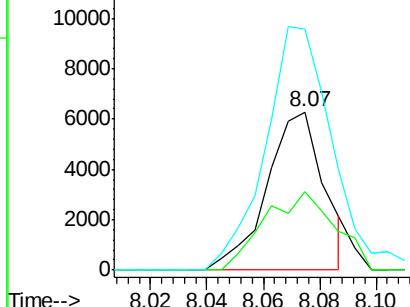
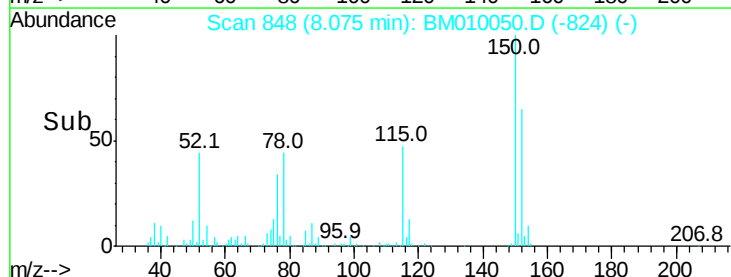
77 152.0 53.0 79.6#

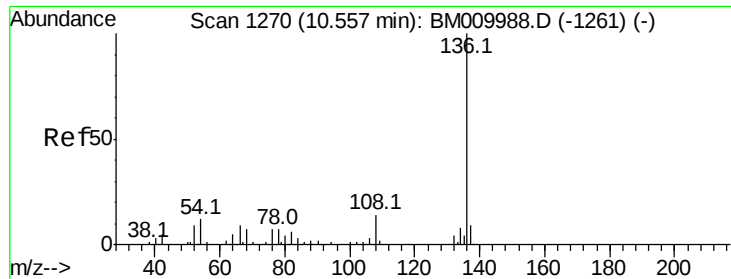


Abundance Ion 79.00 (78.70 to 79.70): BM009988.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM009988.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM009988.D (-831) (-)

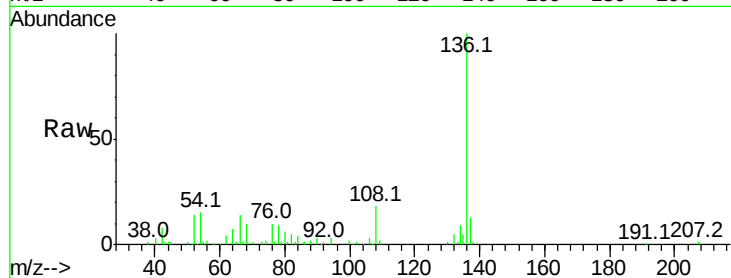




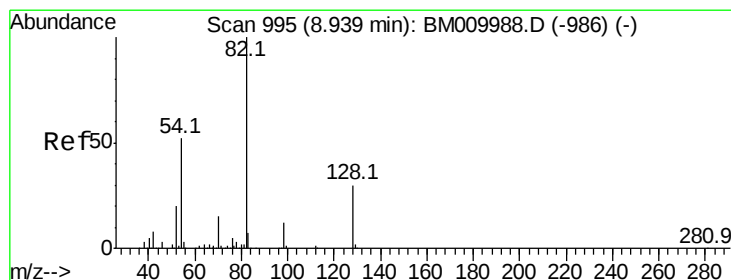
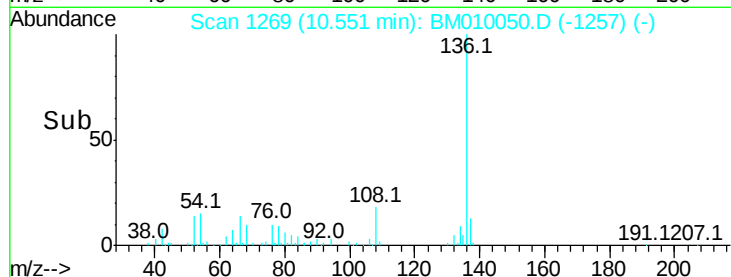
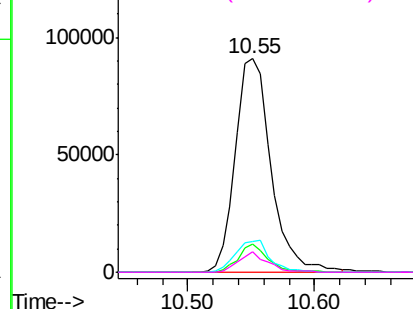
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010050.D
Acq: 15 May 2017 21:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	177409
Ion	Ratio	Lower	Upper
136	100		
137	13.3	8.7	13.1#
54	14.5	4.6	6.8#
68	9.6	3.7	5.5#

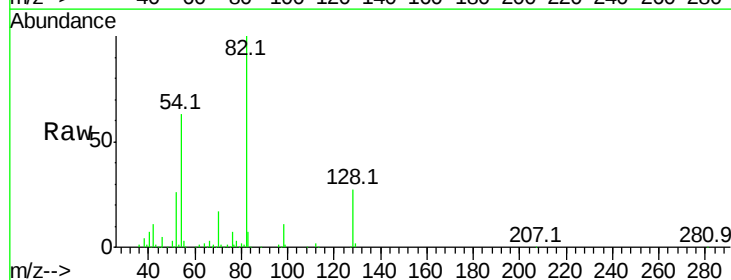


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

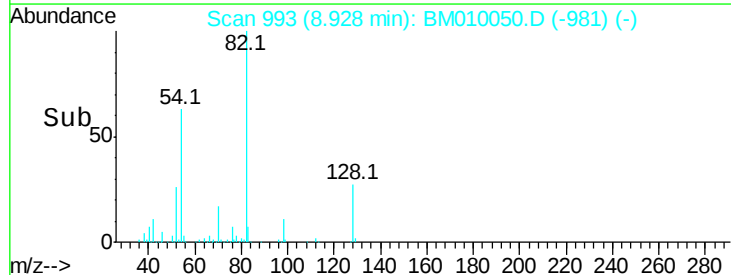
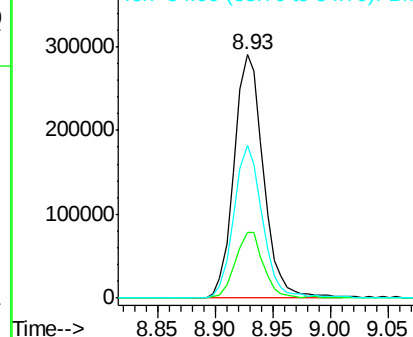


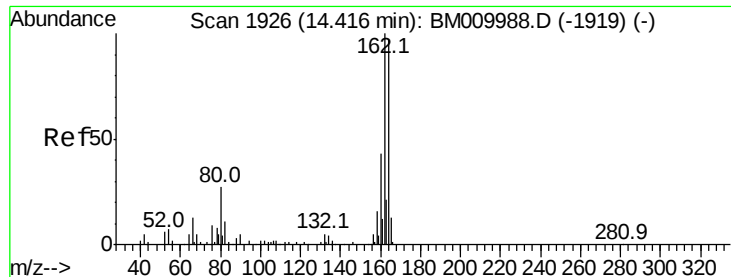
#23
Nitrobenzene-d5
Concen: 105.94 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010050.D
Acq: 15 May 2017 21:18

Tgt Ion:	82	Resp:	514310
Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	62.7	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

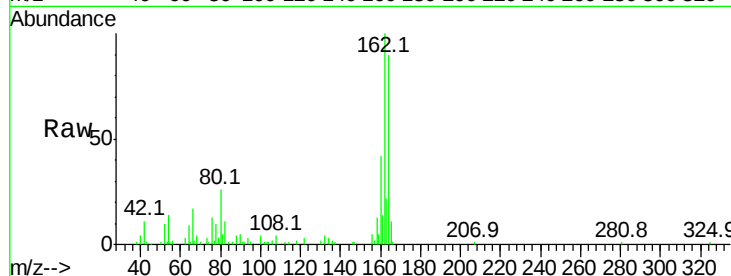
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 91114

Ion	Ratio	Lower	Upper
164	100		
162	110.7	82.4	123.6
160	46.3	35.8	53.6

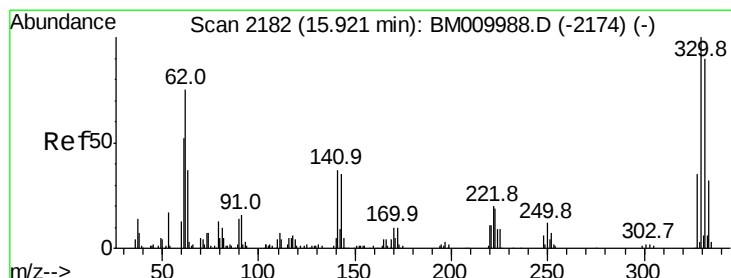
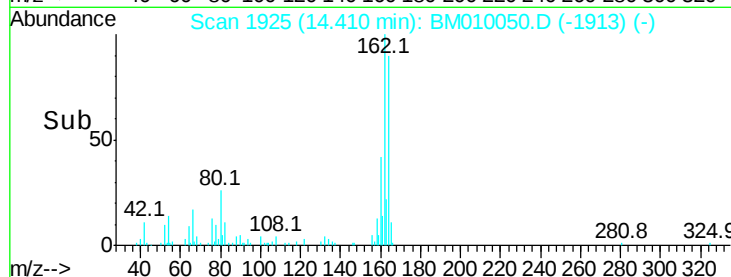
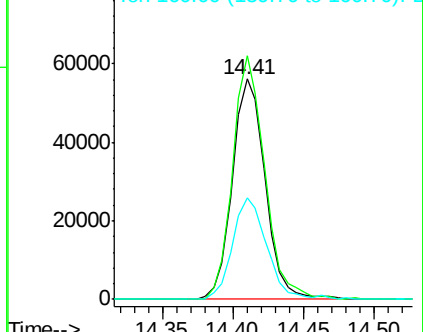


Abundance

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: 113.78 ng

RT: 15.91 min Scan# 2180

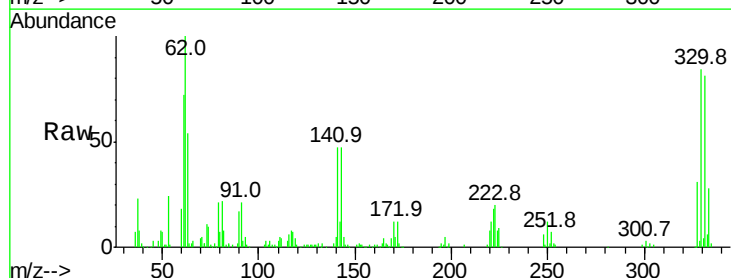
Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Tgt Ion:330 Resp: 141880

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	57.2	0.0	0.0#

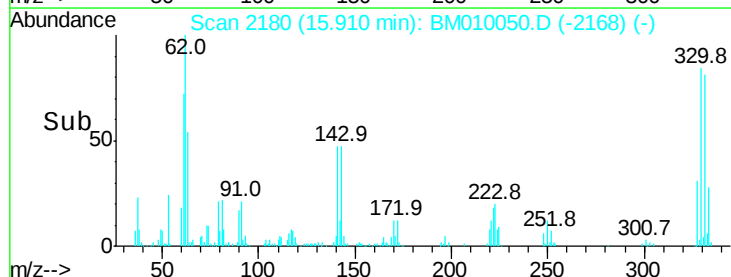
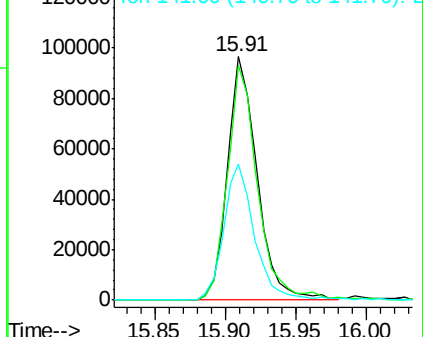


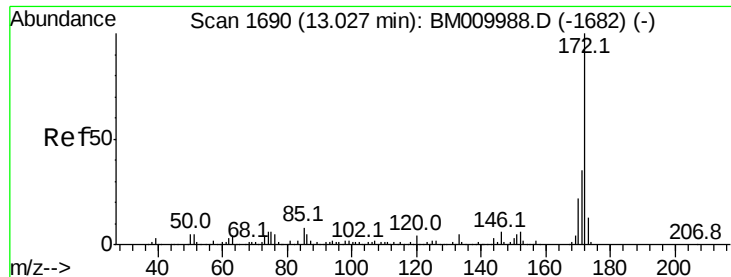
Abundance

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

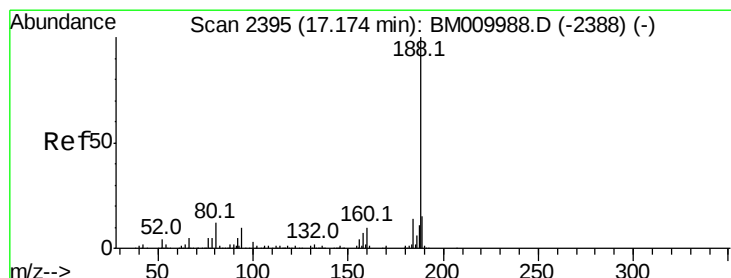
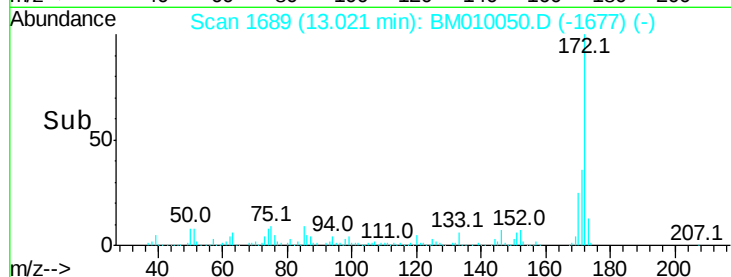
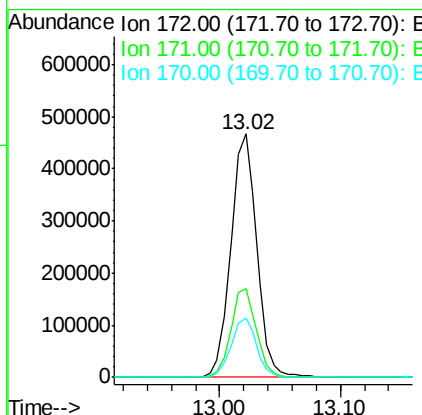
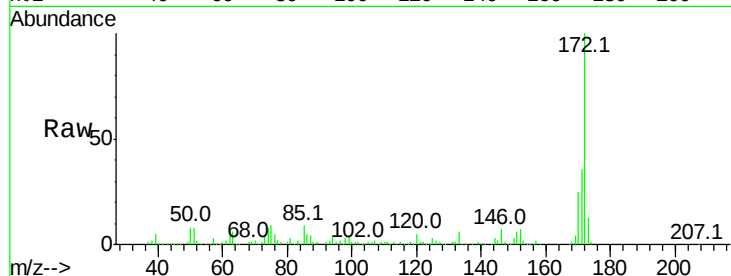




#44
2-Fluorobiphenyl
Concen: 102.48 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010050.D
Acq: 15 May 2017 21:18

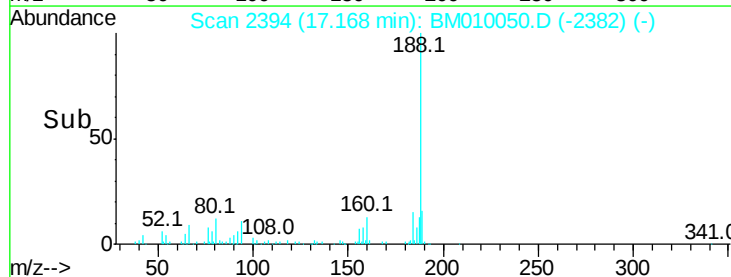
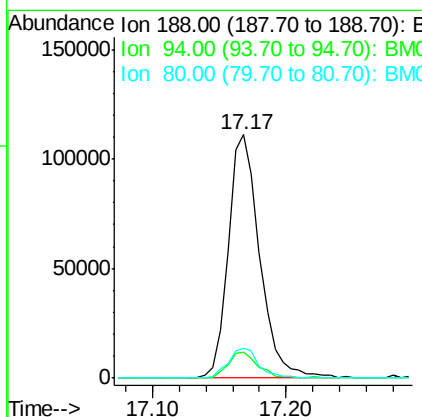
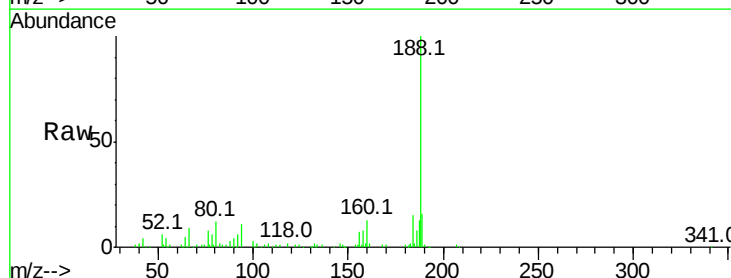
Instrument :
BNA_M
ClientSampleId :

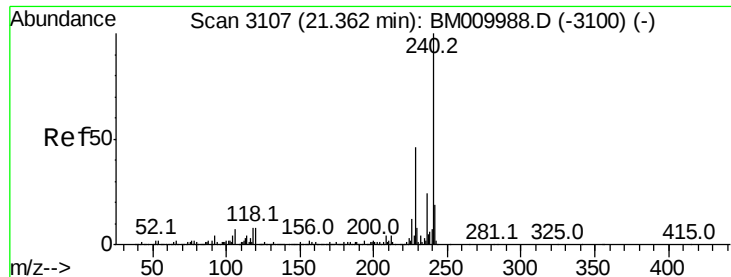
Tot Ion:172 Resp: 698244
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.5 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010050.D
Acq: 15 May 2017 21:18

Tgt Ion:188 Resp: 182842
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 12.5 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010050.D

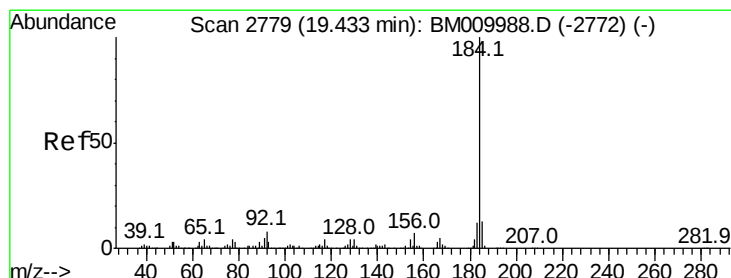
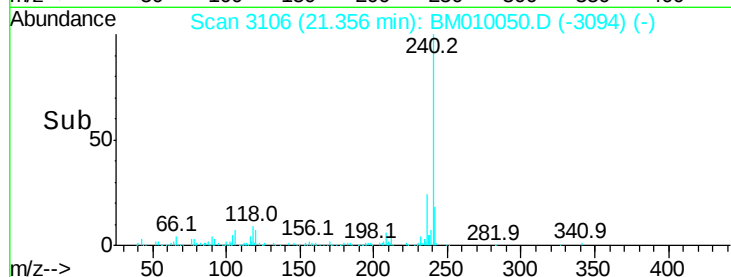
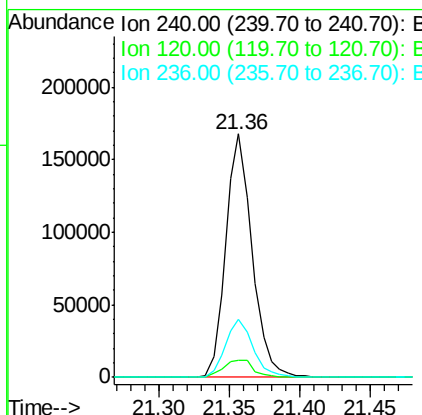
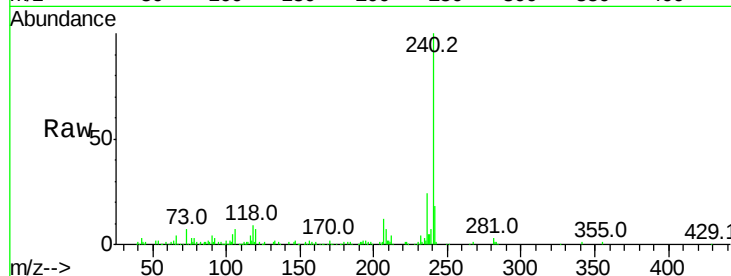
Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	240	Resp:	217437
Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.2	12.2#
236	23.9	20.0	30.0



#76

Benzidine

Concen: 56.79 ng

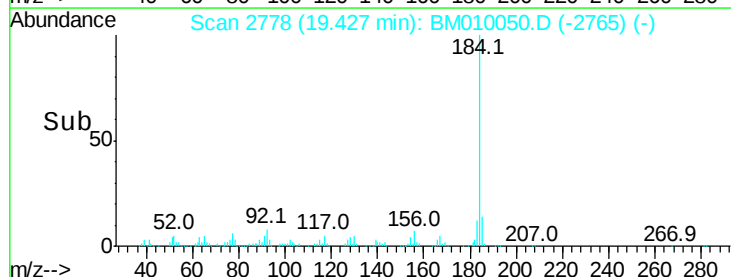
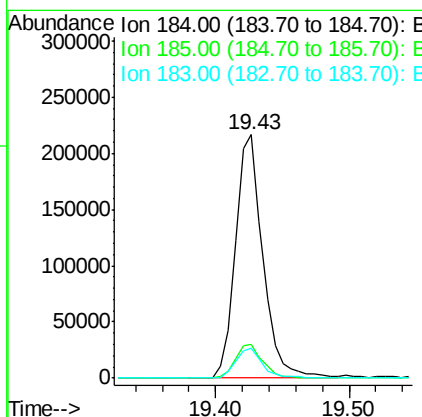
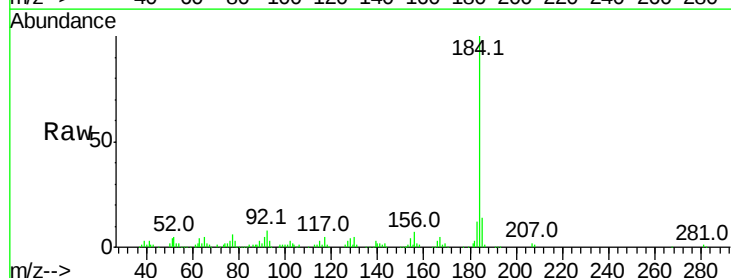
RT: 19.43 min Scan# 2778

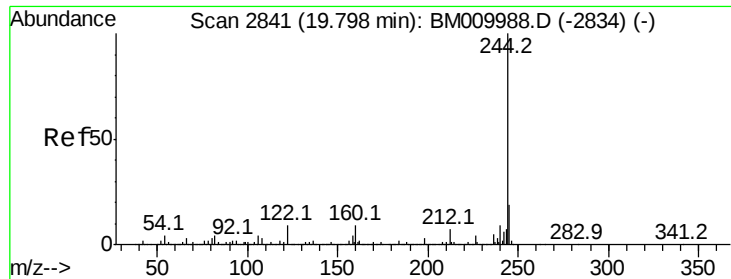
Delta R.T. -0.02 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Tgt Ion:	184	Resp:	308733
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	12.2	8.9	13.3





#78

Terphenyl-d14

Concen: 90.24 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampled :

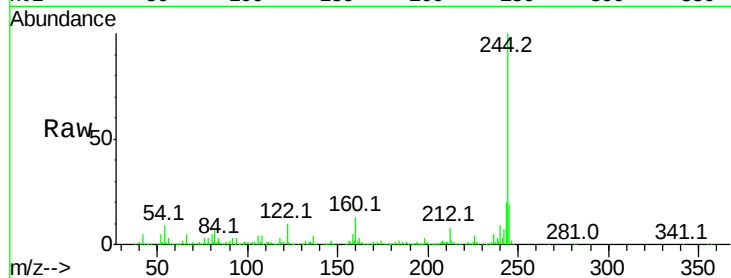
Tot Ion:244 Resp: 930959

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

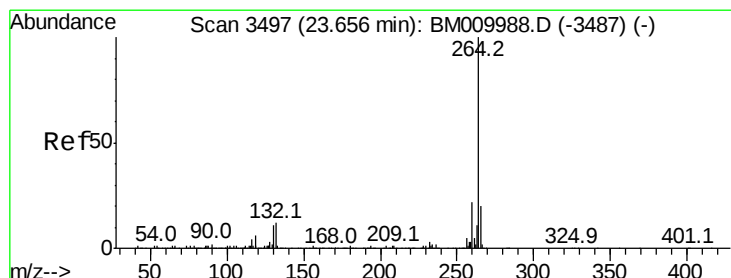
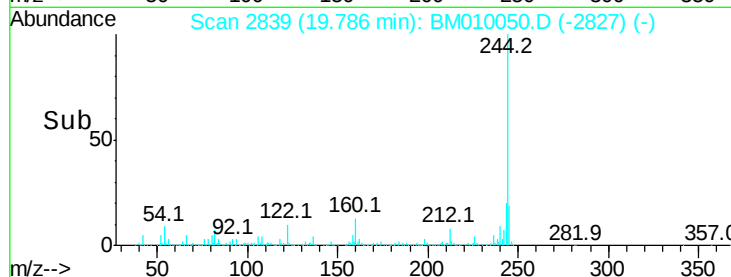
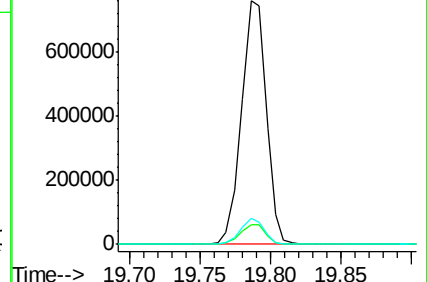
122 10.5 6.2 9.4#



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: 23.65 min Scan# 3496

Delta R.T. -0.04 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

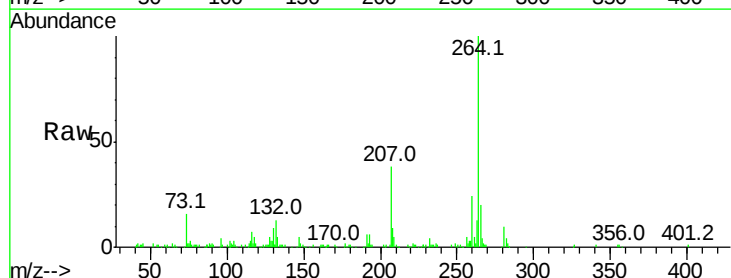
Tgt Ion:264 Resp: 217910

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 20.2 17.3 25.9



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

