

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010010.D
 Acq On : 12 May 2017 06:29
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 08:06:43 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

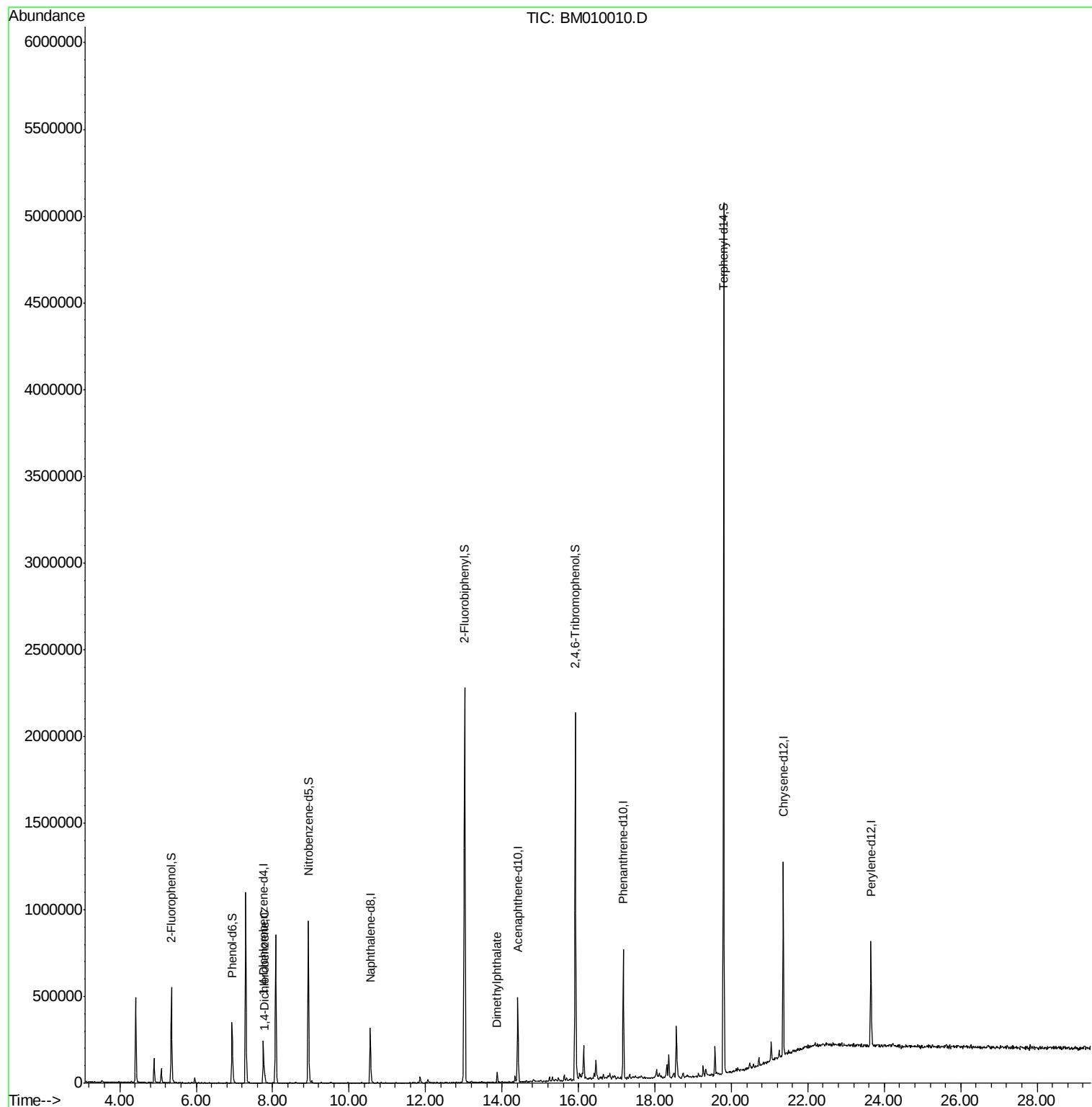
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	52942	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	218610	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	142440	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	381729	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	508948	20.00	ng	-0.03
86) Perylene-d12	23.65	264	413848	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	189960	56.15	ng	-0.02
7) Phenol-d6	6.94	99	177701	32.78	ng	-0.03
23) Nitrobenzene-d5	8.93	82	532982	89.10	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	308305	158.15	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	990176	92.96	ng	-0.02
78) Terphenyl-d14	19.80	244	1992042	82.49	ng	-0.02
Target Compounds						
13) 1,4-Dichlorobenzene	7.80	146	13232	3.15	ng	# 83
49) Dimethylphthalate	13.87	163	31370	2.50	ng	# 94

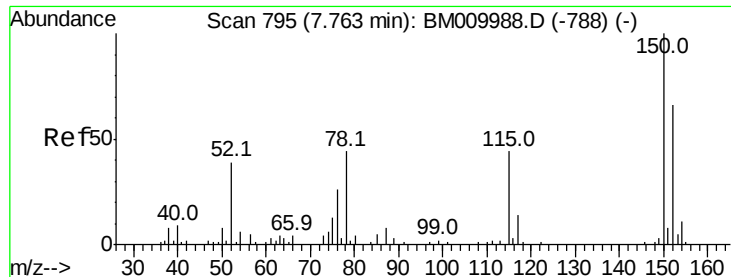
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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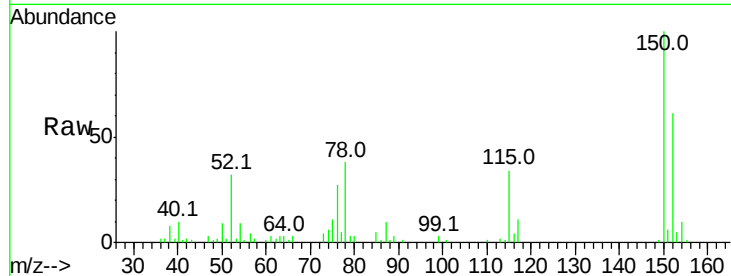


#1

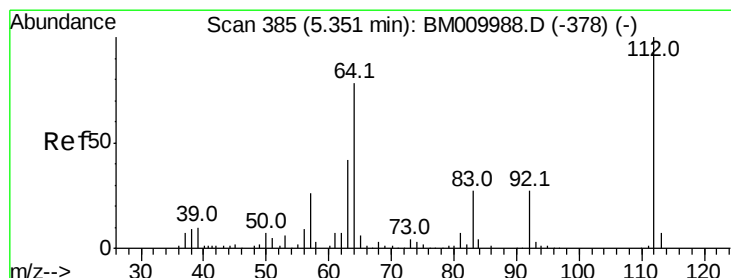
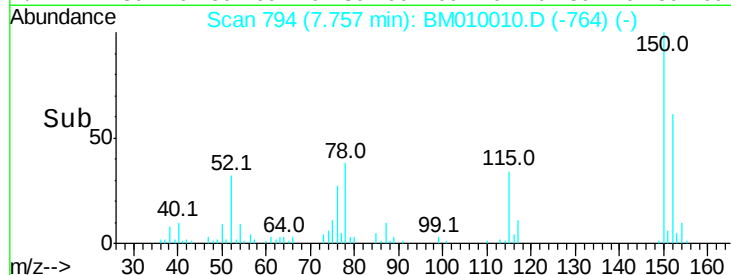
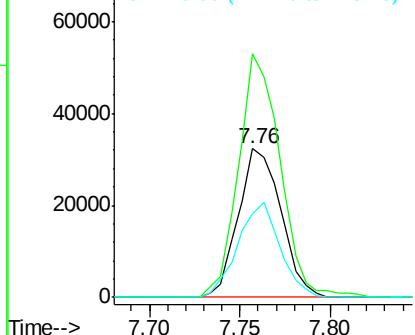
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 52942
Ion Ratio Lower Upper
152 100
150 164.2 119.5 179.3
115 56.5 43.0 64.4



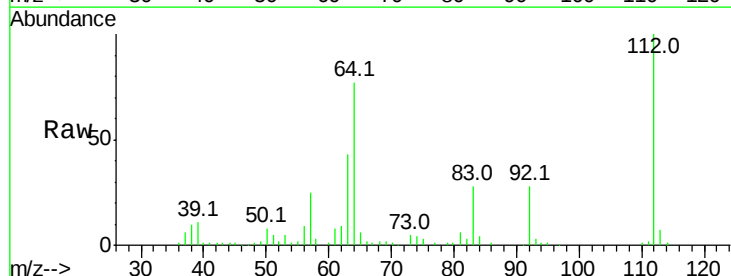
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



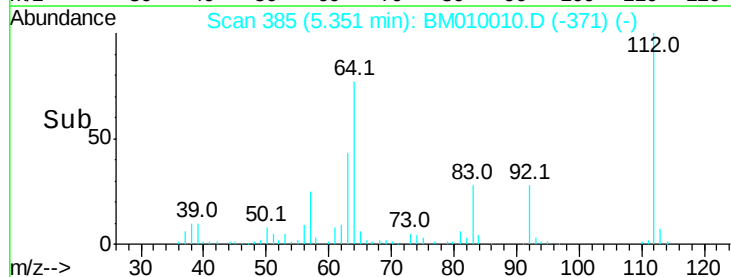
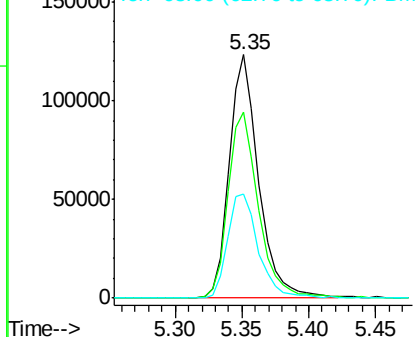
#5

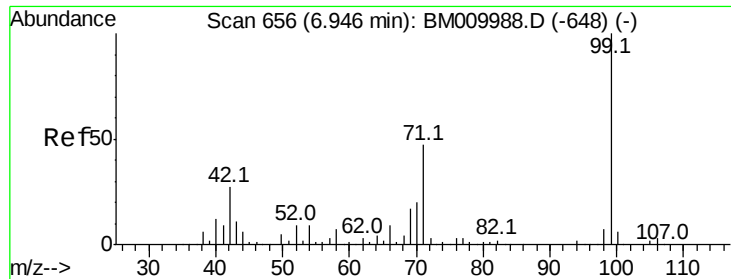
2-Fluorophenol
Concen: 56.15 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:112 Resp: 189960
Ion Ratio Lower Upper
112 100
64 76.6 38.6 57.8#
63 42.8 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: 32.78 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Instrument :

BNA_M

ClientSampled :

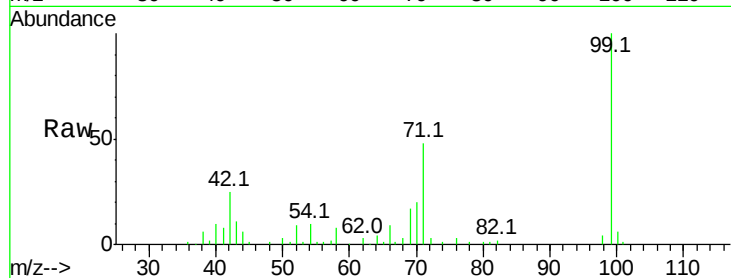
Tot Ion: 99 Resp: 177701

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

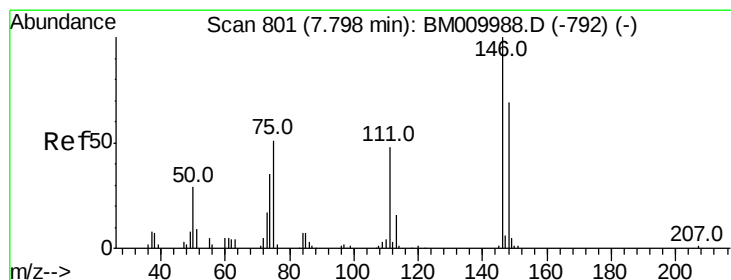
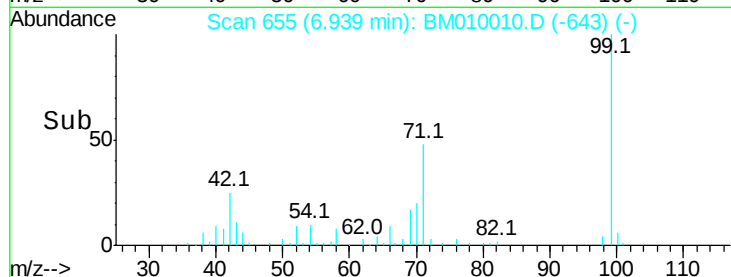
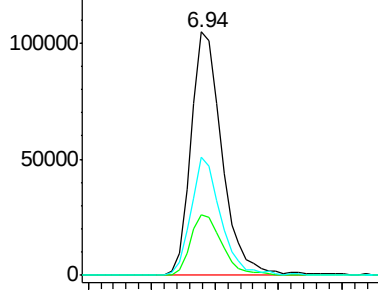
71 48.3 23.4 35.2#



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) (-)



#13

1,4-Dichlorobenzene

Concen: 3.15 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

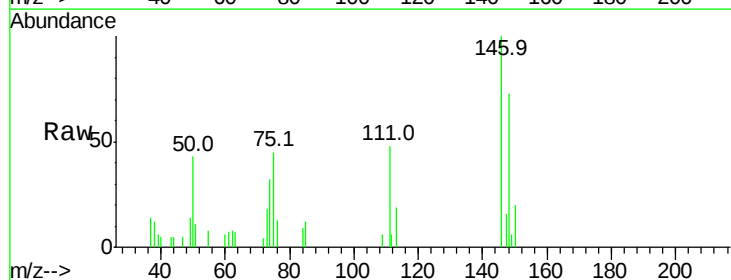
Tgt Ion: 146 Resp: 13232

Ion Ratio Lower Upper

146 100

148 72.5 51.9 77.9

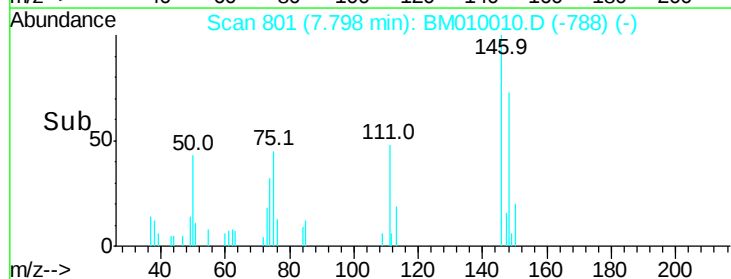
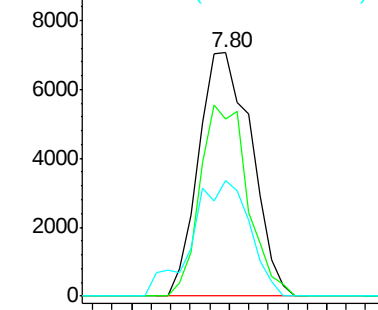
111 53.5 29.2 43.8#

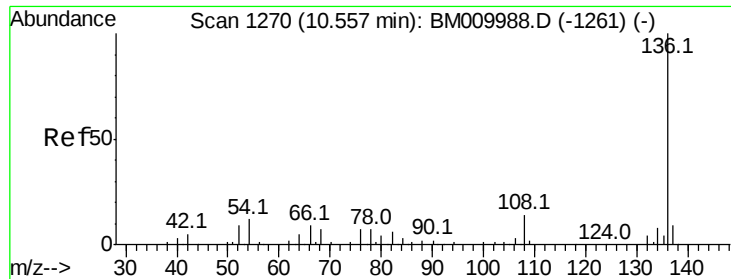


Abundance Ion 146.00 (145.70 to 146.70): BM009988.D (-792) (-)

Ion 148.00 (147.70 to 148.70): BM009988.D (-792) (-)

Ion 111.00 (110.70 to 111.70): BM009988.D (-792) (-)

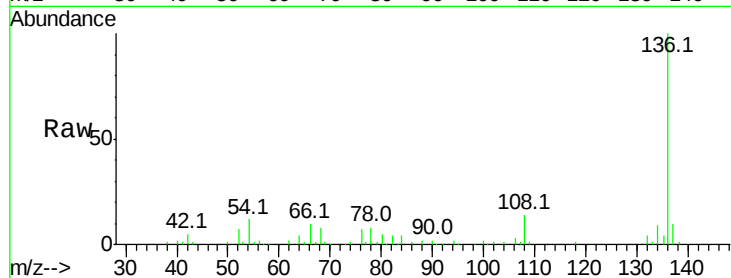




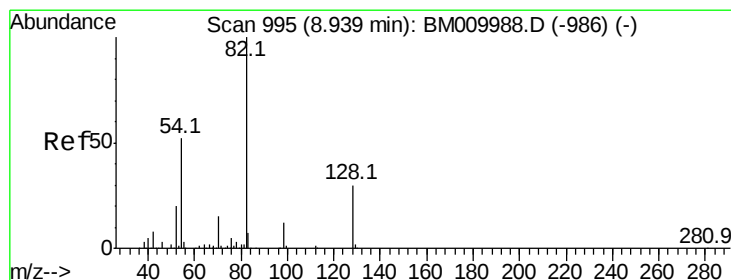
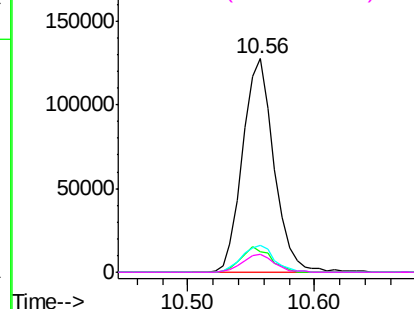
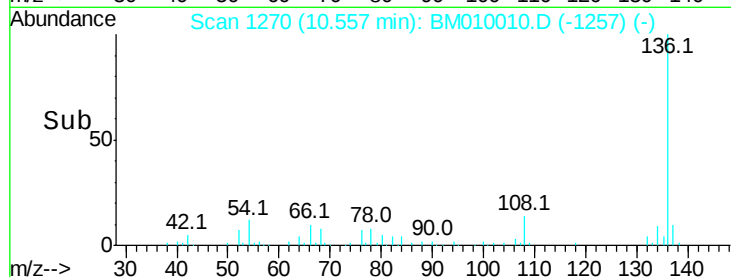
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	218610
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	12.4	4.6	6.8#
68	8.2	3.7	5.5#

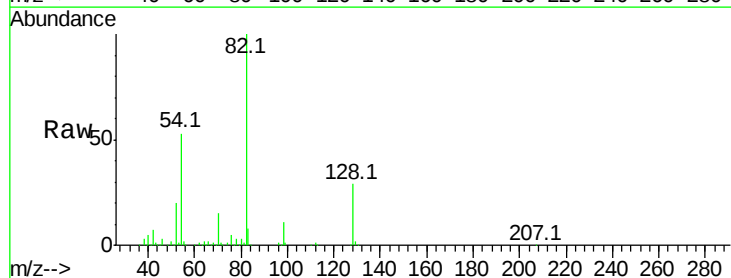


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

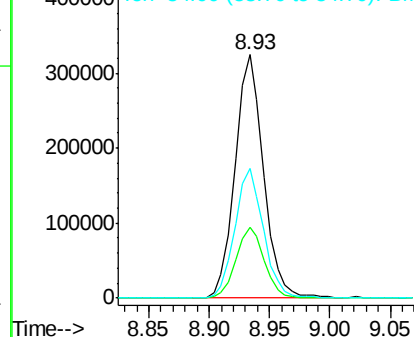
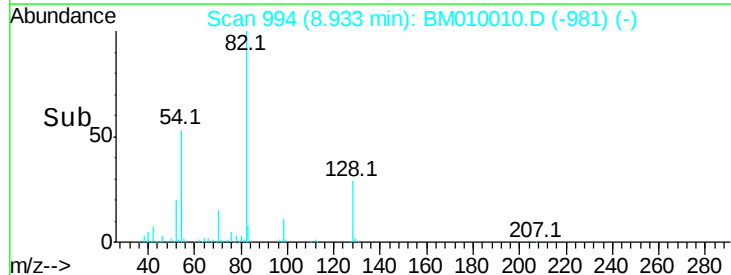


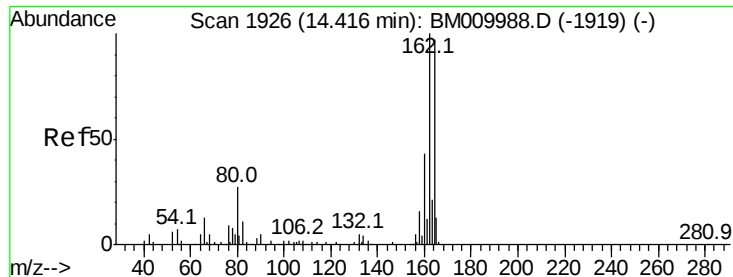
#23
Nitrobenzene-d5
Concen: 89.10 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:	82	Resp:	532982
Ion	Ratio	Lower	Upper
82	100		
128	28.8	32.8	49.2#
54	53.0	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: 14.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

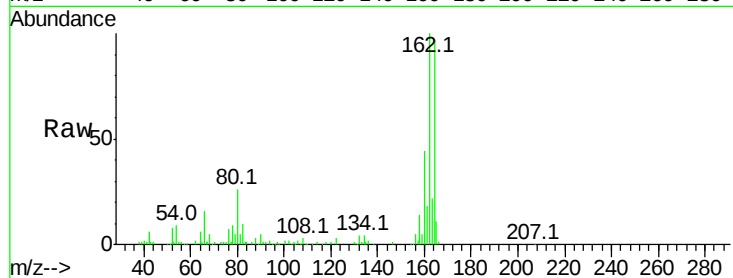
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 142440

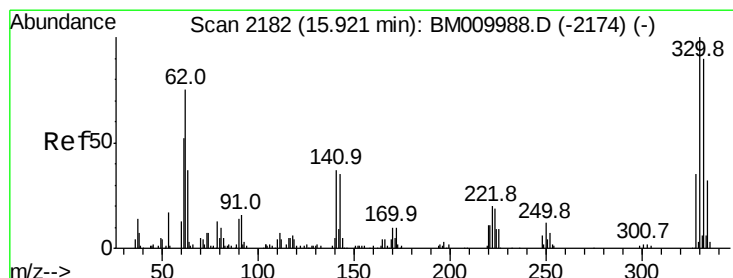
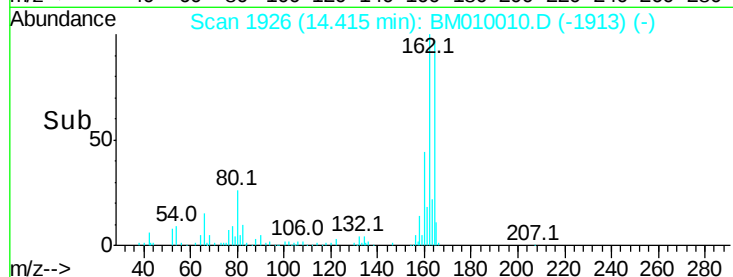
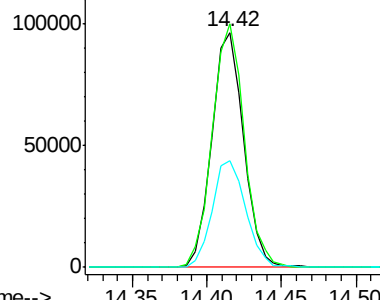
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	45.2	35.8	53.6



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: 158.15 ng

RT: 15.92 min Scan# 2181

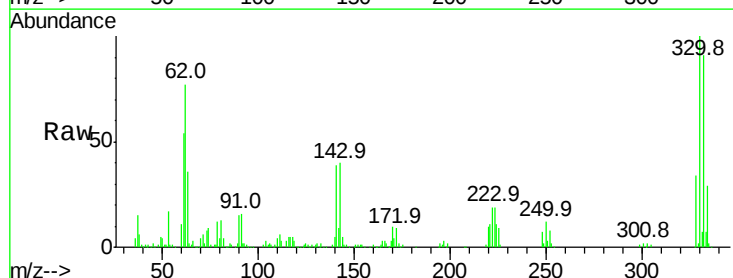
Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Tgt Ion:330 Resp: 308305

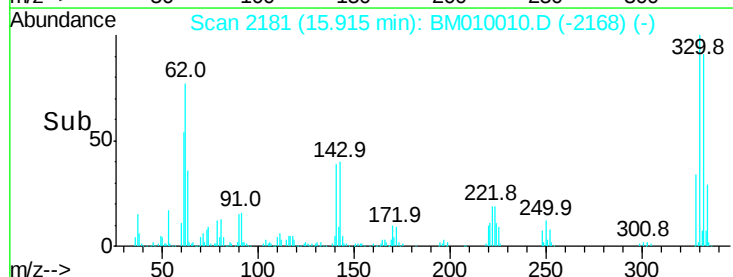
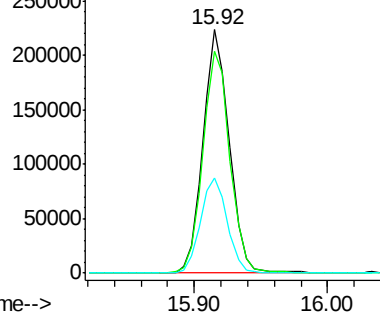
Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	40.3	0.0	0.0#

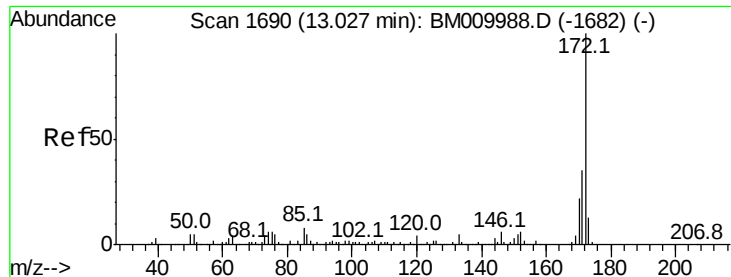


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

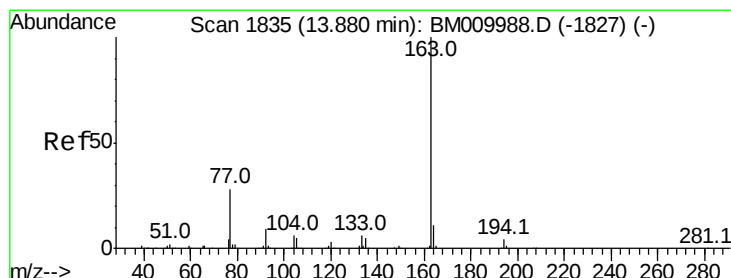
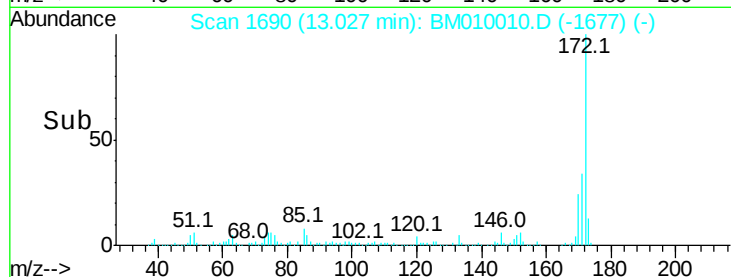
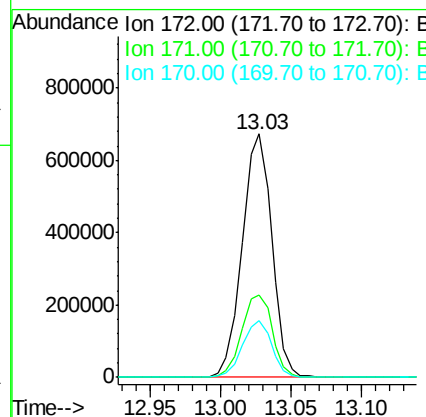
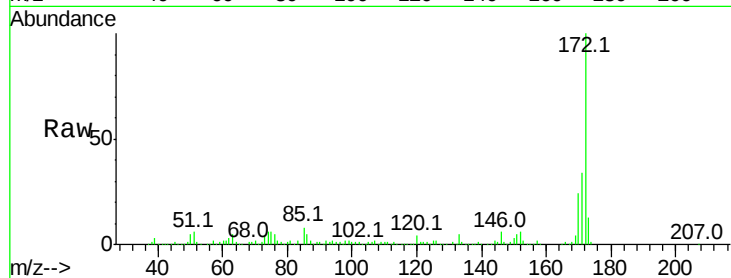




#44
2-Fluorobiphenyl
Concen: 92.96 ng
RT: 13.03 min Scan# 1690
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

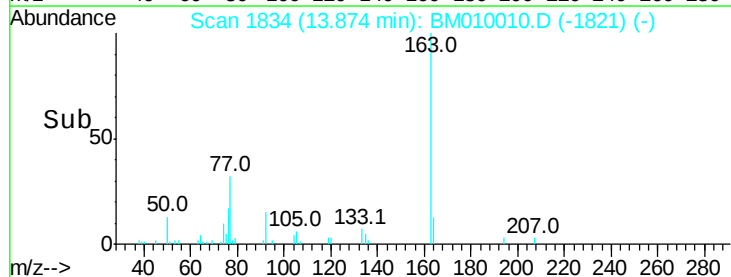
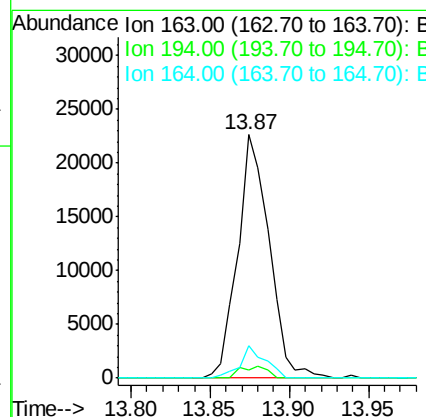
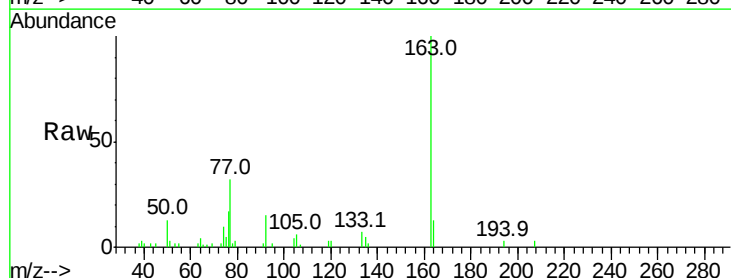
Instrument :
BNA_M
ClientSampled :

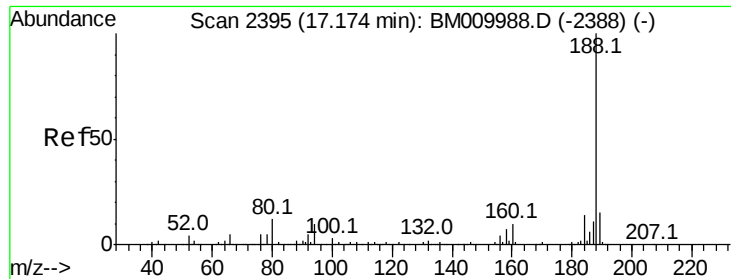
Tot Ion:172 Resp: 990176
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 23.5 18.8 28.2



#49
Dimethylphthalate
Concen: 2.50 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:163 Resp: 31370
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 13.4 8.2 12.2#

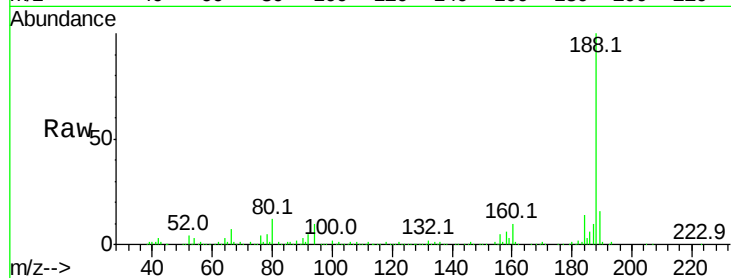




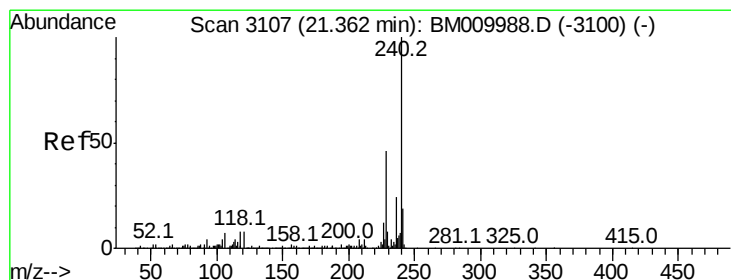
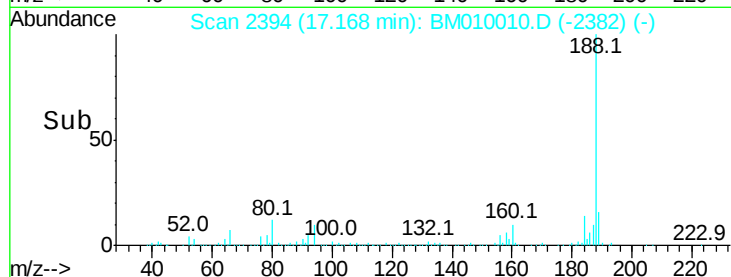
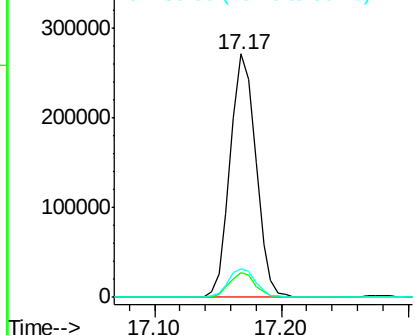
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 381729
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.5 9.3 13.9

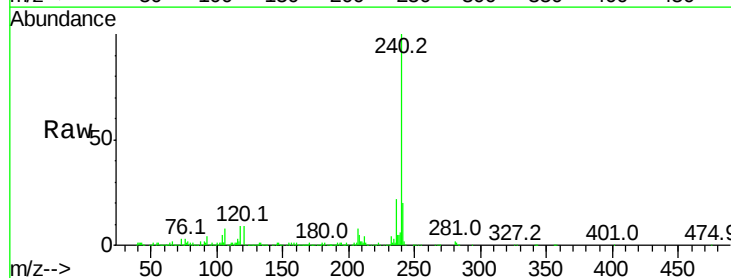


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

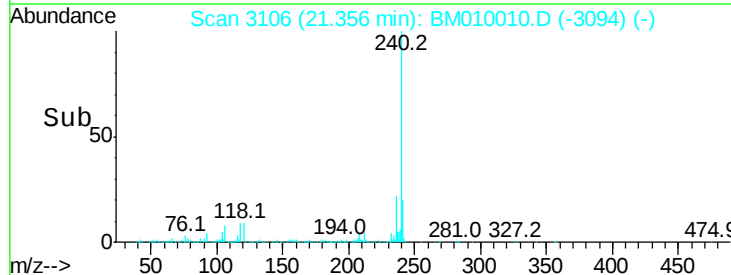
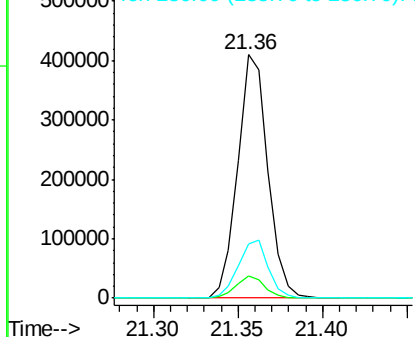


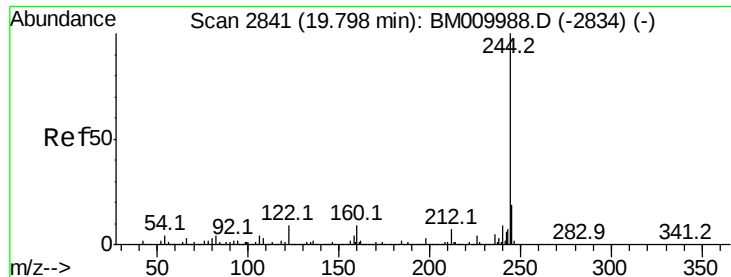
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:240 Resp: 508948
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 22.3 20.0 30.0



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: 82.49 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Instrument :

BNA_M

ClientSampleId :

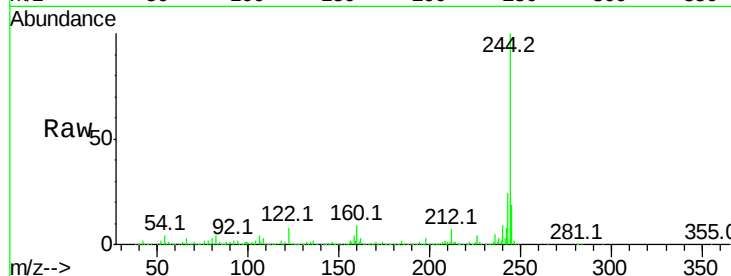
Tot Ion:244 Resp: 1992042

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

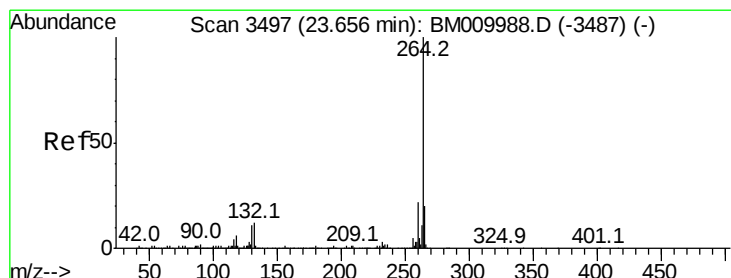
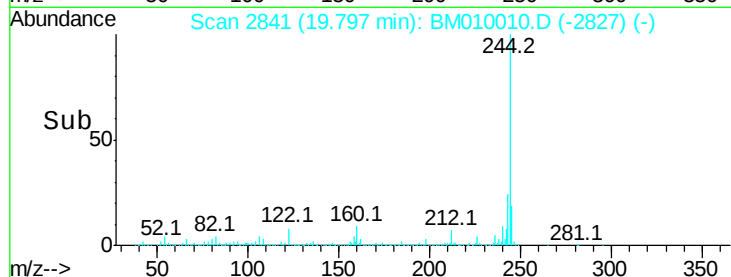
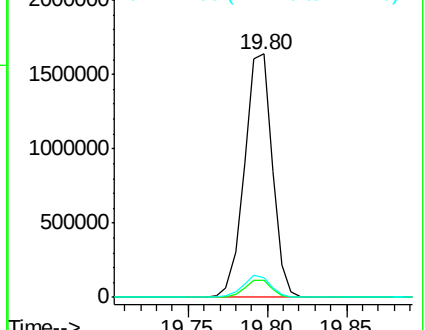
122 7.9 6.2 9.4



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: BM010010.D

Acq: 12 May 2017 06:29

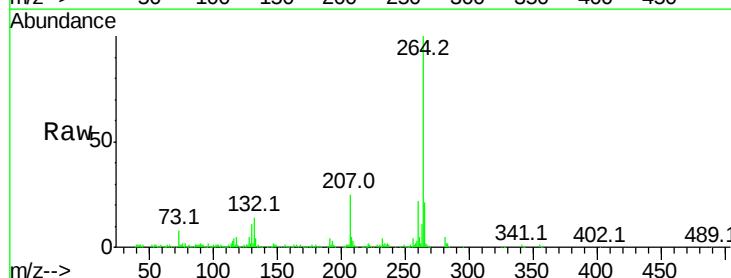
Tgt Ion:264 Resp: 413848

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 20.9 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

