

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020251.D
 Acq On : 10 May 2019 22:30
 Operator : JU/SJ
 Sample : K2754-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-2

Quant Time: May 11 01:51:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

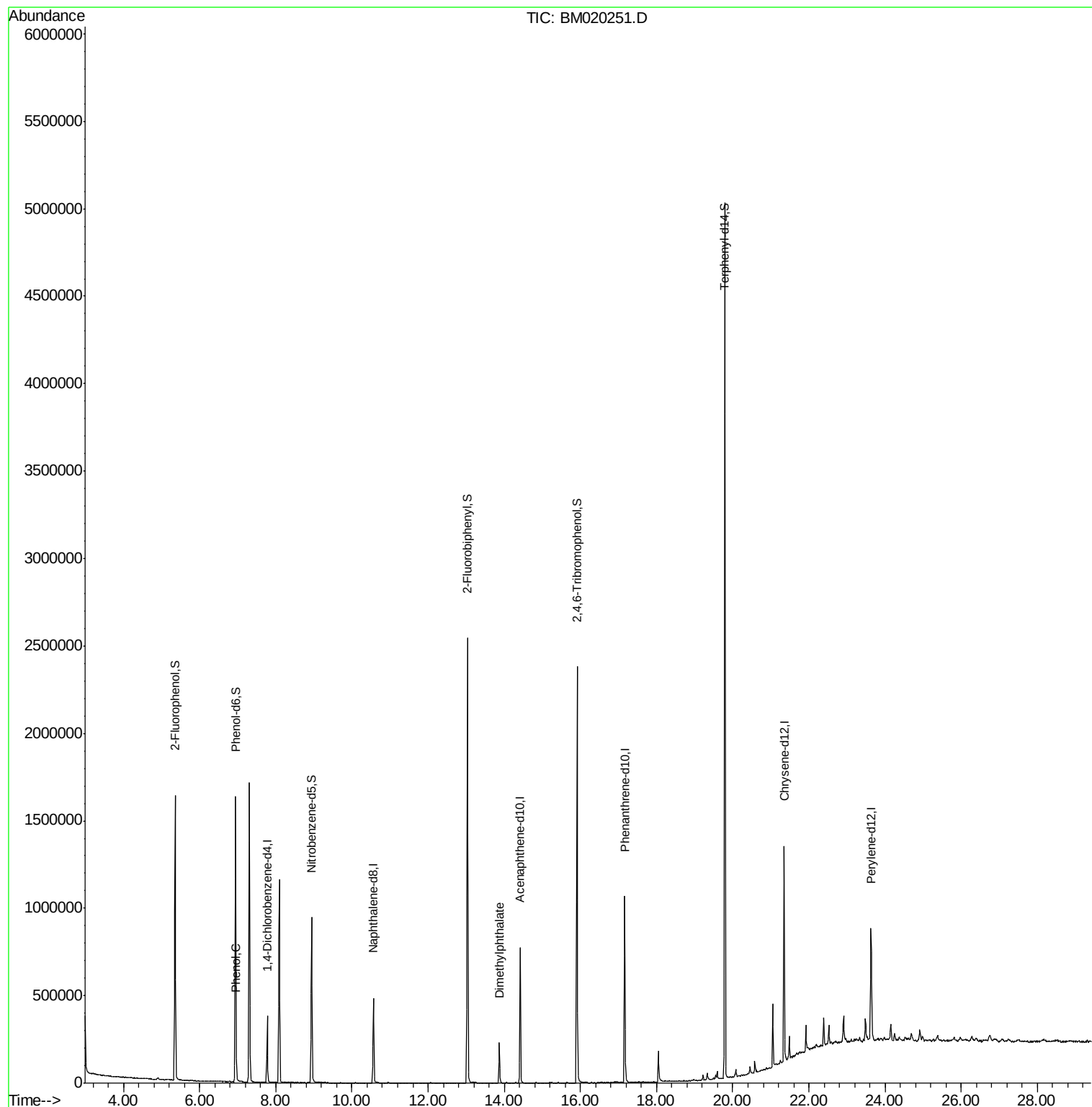
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	98000	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	393363	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	258358	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	633734	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	540318	20.00	ng	-0.02
87) Perylene-d12	23.63	264	495962	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	629793	105.05	ng	-0.01
7) Phenol-d6	6.95	99	906778	110.71	ng	0.00
23) Nitrobenzene-d5	8.94	82	615491	61.77	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	433610	108.13	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	1295774	61.71	ng	-0.02
79) Terphenyl-d14	19.79	244	2278712	73.56	ng	-0.02
Target Compounds						
10) Phenol	6.97	94	32426	3.678	ng	98
50) Dimethylphthalate	13.87	163	141775	6.457	ng	100

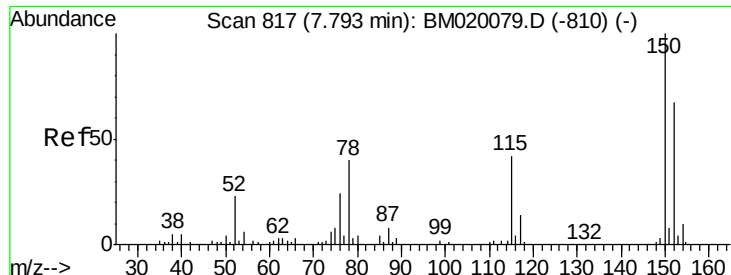
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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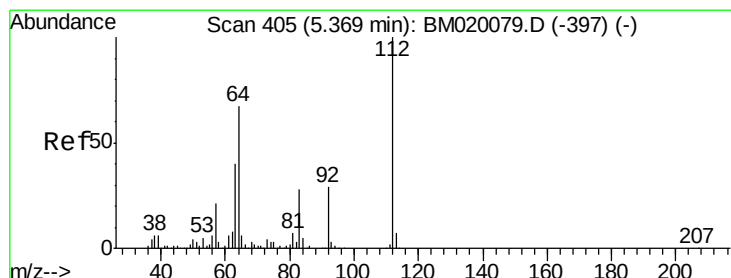
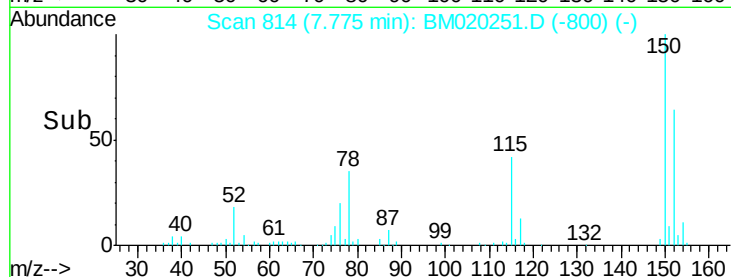
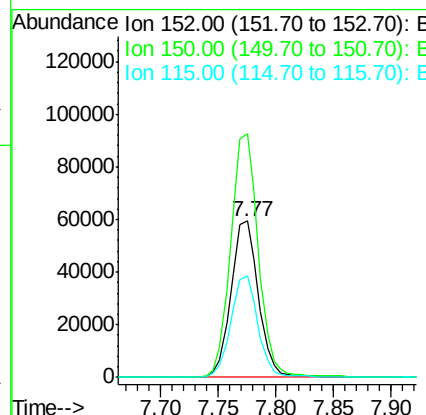
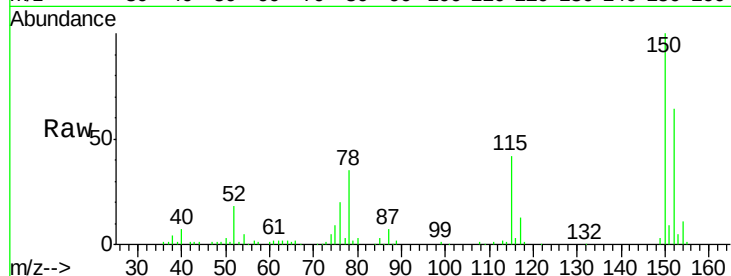


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020251.D
Acq: 10 May 2019 22:30

Instrument :
BNA_M
ClientSampleId :
C-2

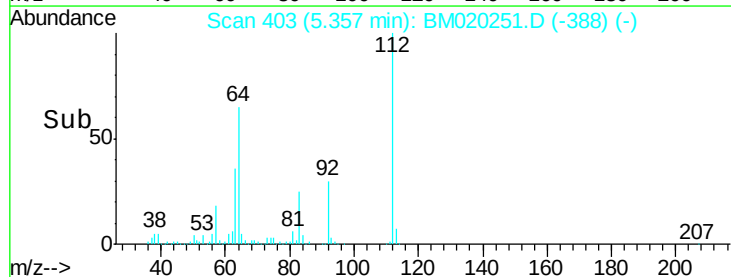
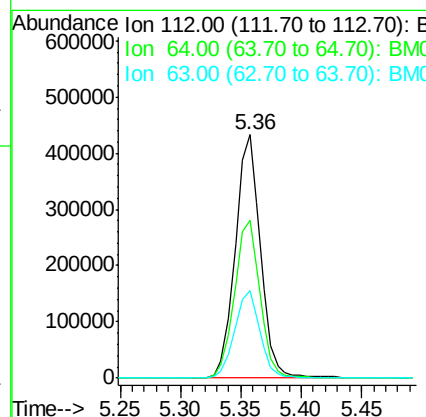
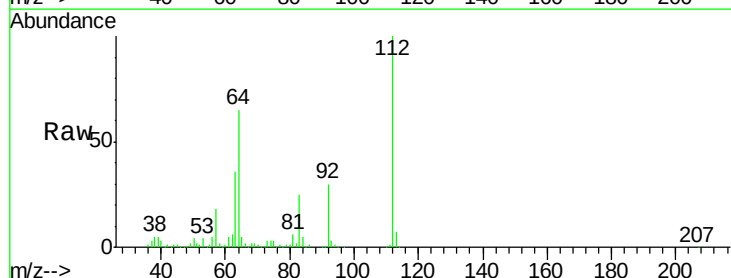
Tgt Ion:152 Resp: 98000
Ion Ratio Lower Upper
152 100
150 156.0 119.8 179.8
115 64.8 50.8 76.2

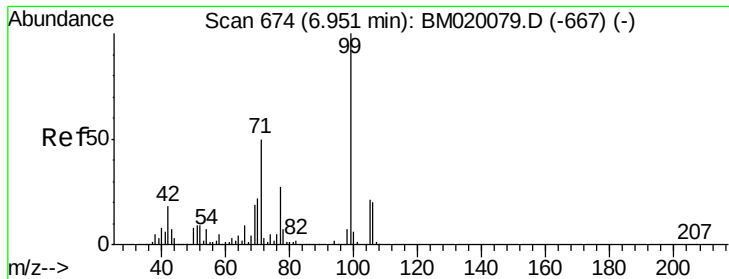


#5

2-Fluorophenol
Concen: 105.046 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020251.D
Acq: 10 May 2019 22:30

Tgt Ion:112 Resp: 629793
Ion Ratio Lower Upper
112 100
64 64.6 53.8 80.6
63 35.8 32.3 48.5





#7

Phenol-d6

Concen: 110.711 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

Instrument :

BNA_M

ClientSampled :

C-2

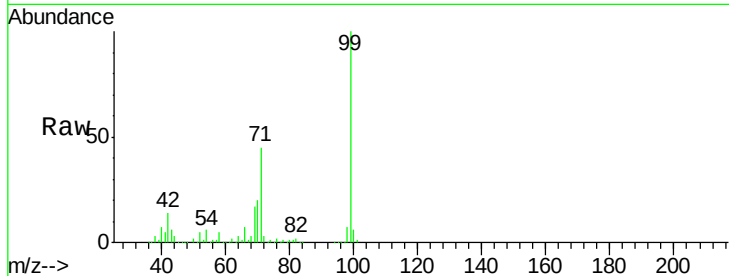
Tgt Ion: 99 Resp: 906778

Ion Ratio Lower Upper

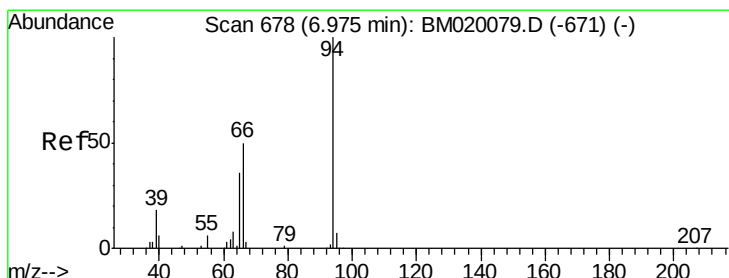
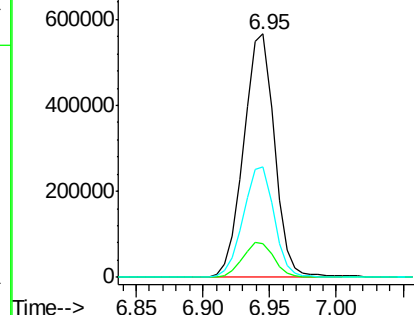
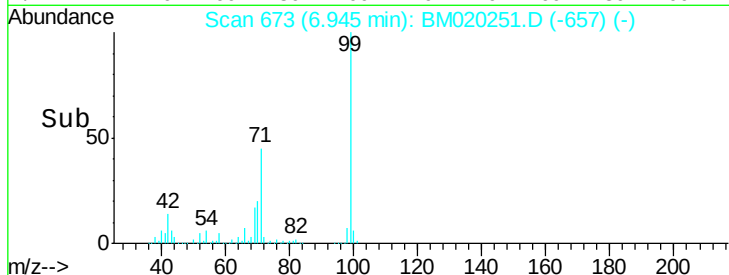
99 100

42 14.1 14.2 21.2#

71 45.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020251.D (-657) (-)



#10

Phenol

Concen: 3.678 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

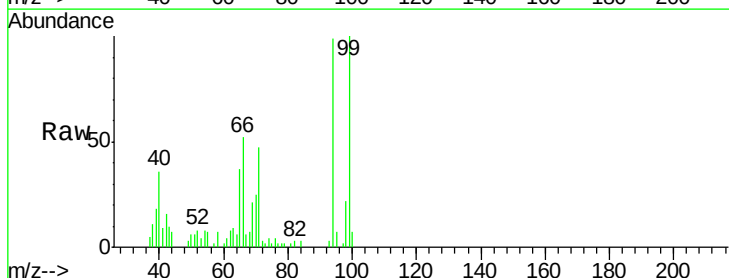
Tgt Ion: 94 Resp: 32426

Ion Ratio Lower Upper

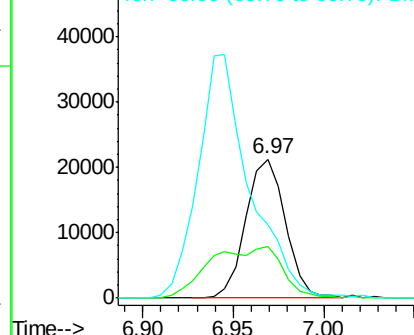
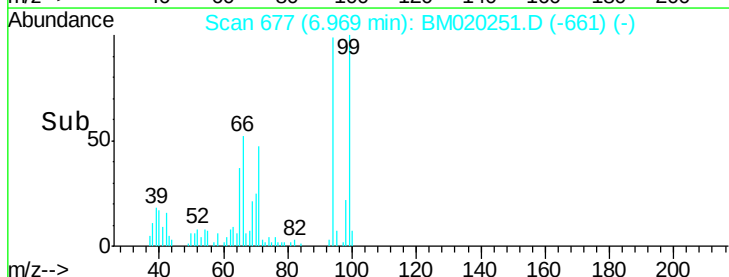
94 100

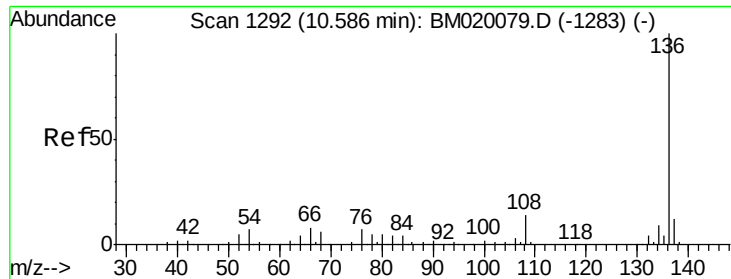
65 37.4 17.0 57.0

66 52.7 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020251.D (-661) (-)

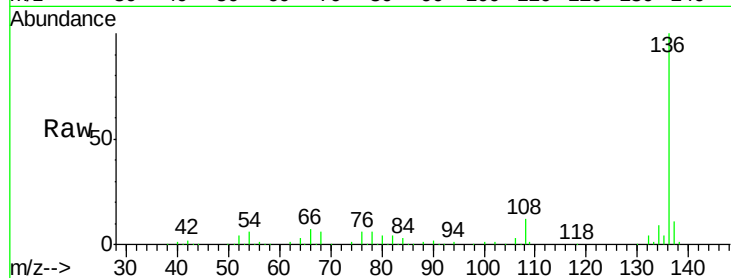




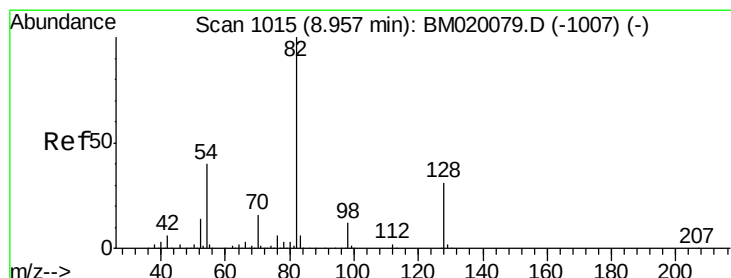
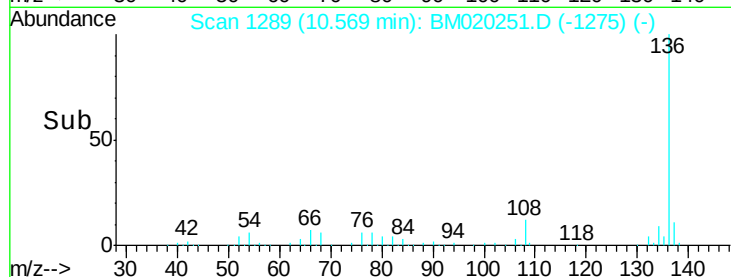
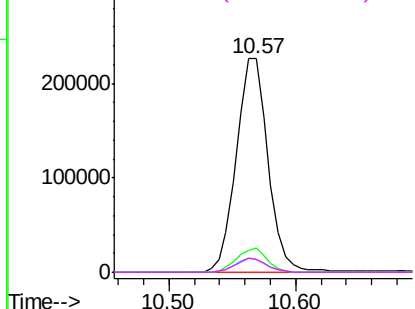
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020251.D
Acq: 10 May 2019 22:30

Instrument :
BNA_M
ClientSampleId :
C-2

Tgt Ion:	136	Resp:	393363
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	6.2	5.5	8.3
68	6.3	4.6	6.8

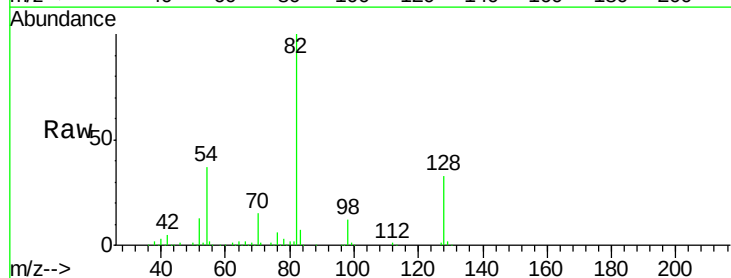


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

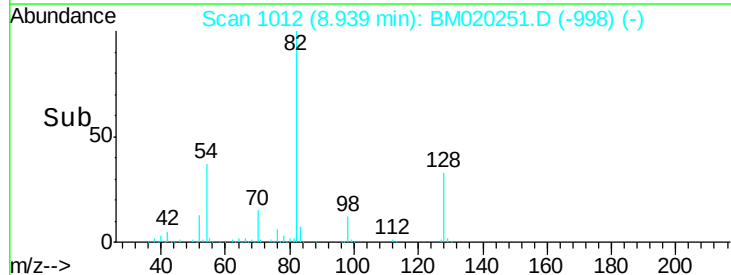
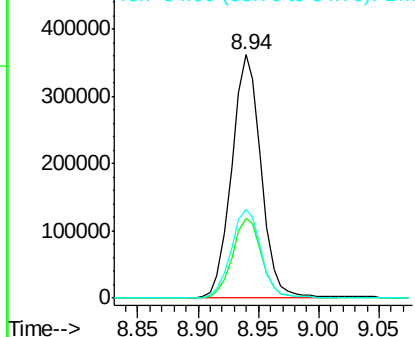


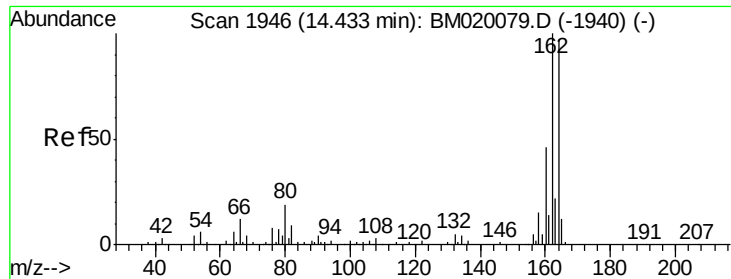
#23
Nitrobenzene-d5
Concen: 61.774 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020251.D
Acq: 10 May 2019 22:30

Tgt Ion:	82	Resp:	615491
Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.2	37.8
54	36.5	31.9	47.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

Instrument :

BNA_M

ClientSampleId :

C-2

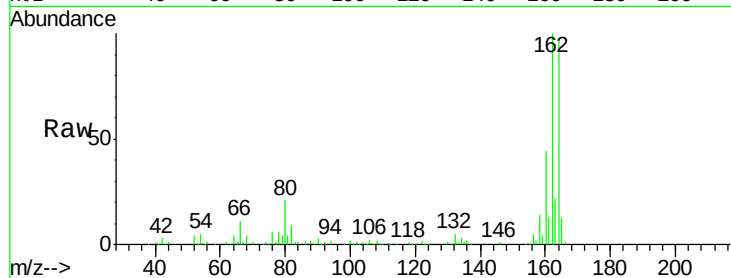
Tgt Ion:164 Resp: 258358

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.2

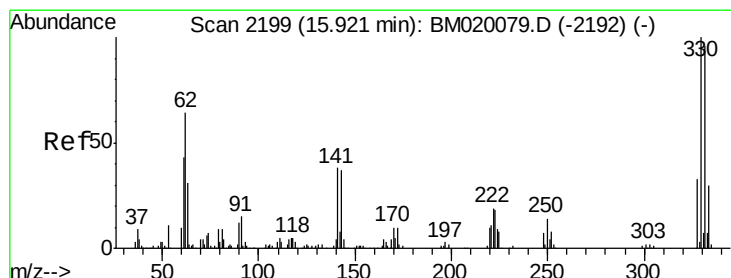
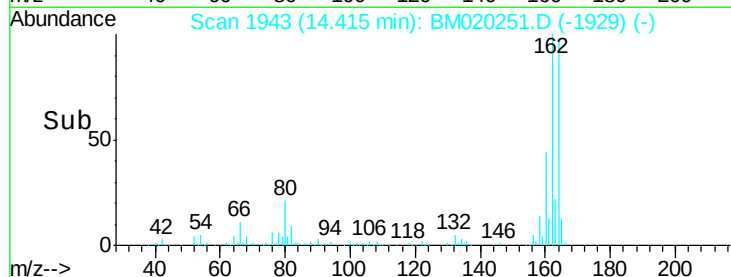
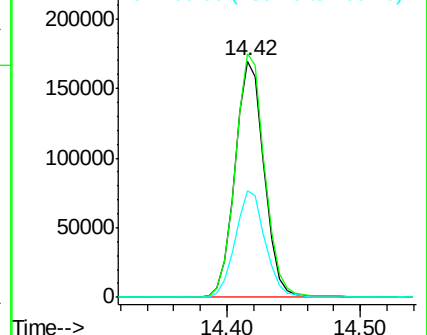
160 45.2 37.6 56.4



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



#42

2,4,6-Tribromophenol

Concen: 108.127 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

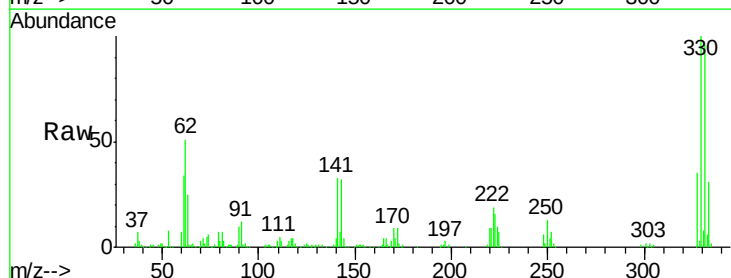
Tgt Ion:330 Resp: 433610

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

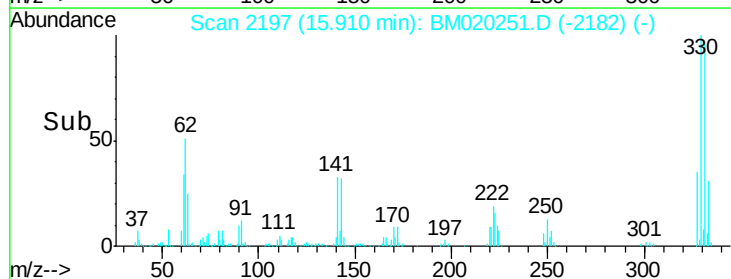
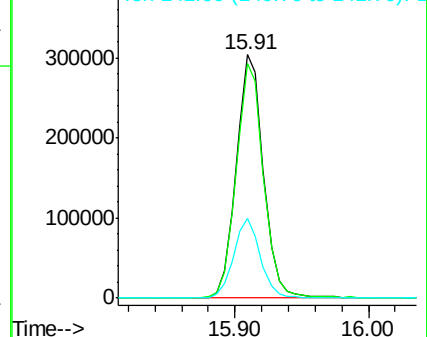
141 32.4 29.2 43.8

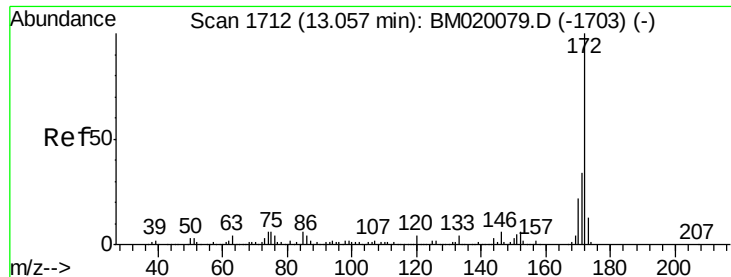


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

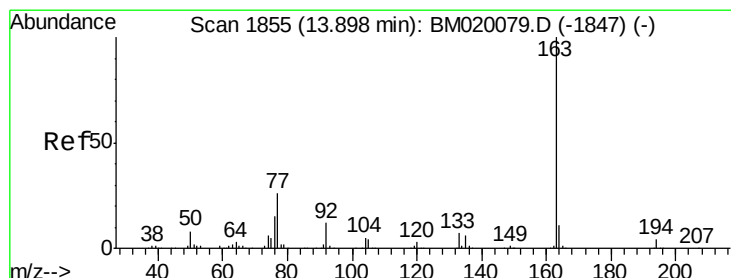
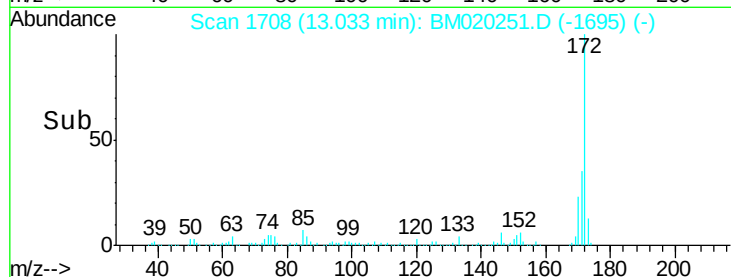
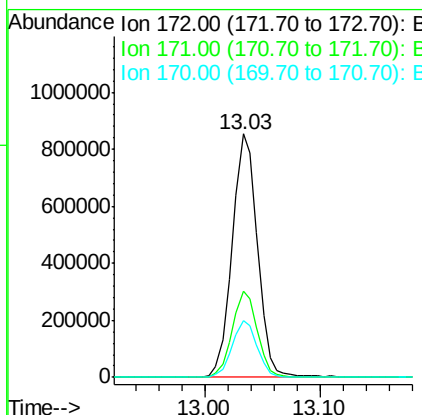
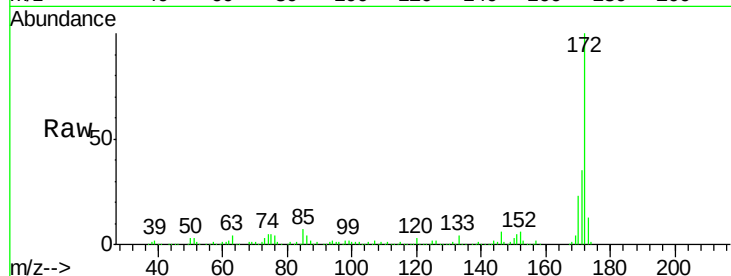




#45
2-Fluorobiphenyl
Concen: 61.708 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM020251.D
Acq: 10 May 2019 22:30

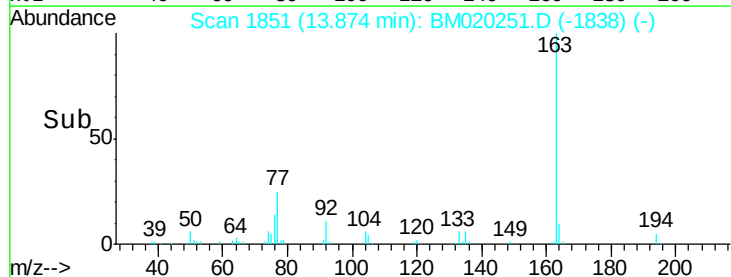
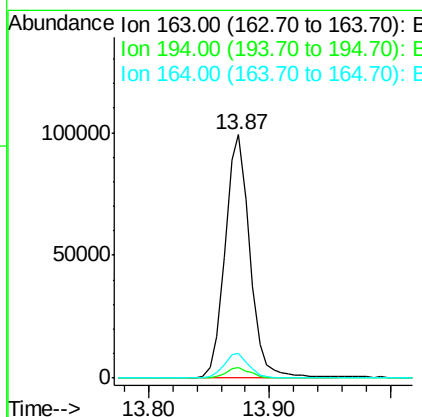
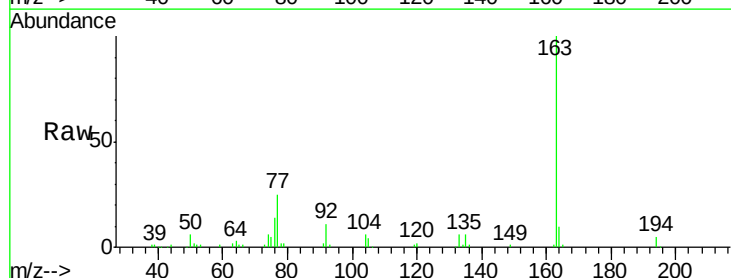
Instrument :
BNA_M
ClientSampled :
C-2

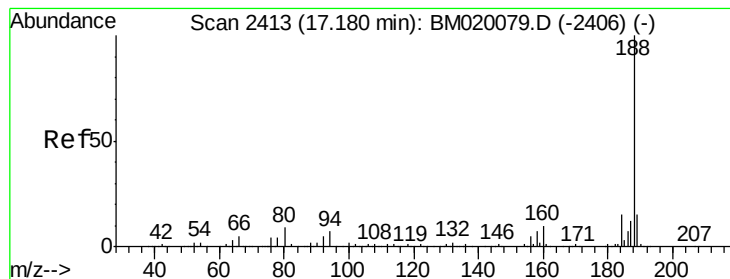
Tgt Ion:172 Resp: 1295774
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 23.1 17.9 26.9



#50
Dimethylphthalate
Concen: 6.457 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM020251.D
Acq: 10 May 2019 22:30

Tgt Ion:163 Resp: 141775
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2410

Delta R.T. -0.02 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

Instrument :

BNA_M

ClientSampled :

C-2

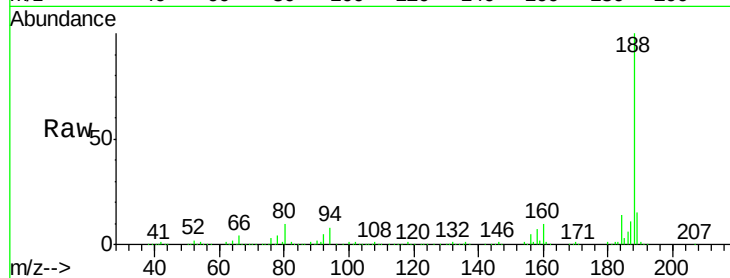
Tgt Ion:188 Resp: 633734

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

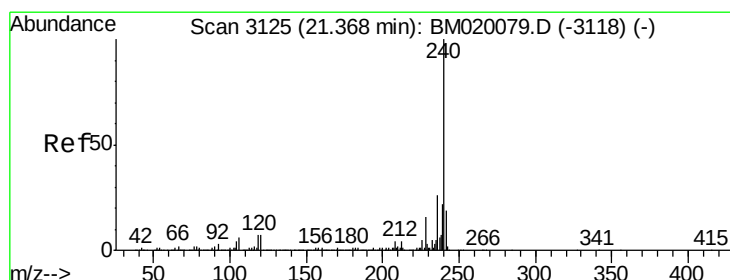
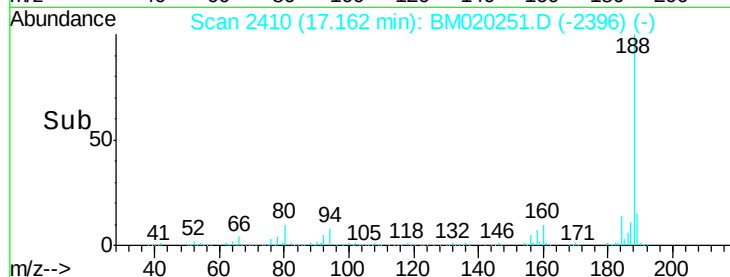
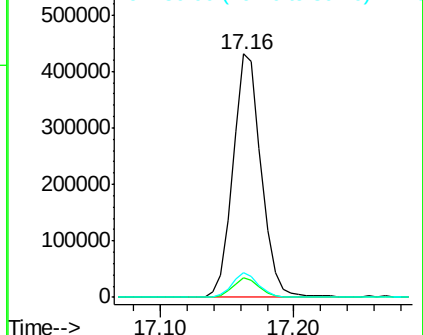
80 10.0 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

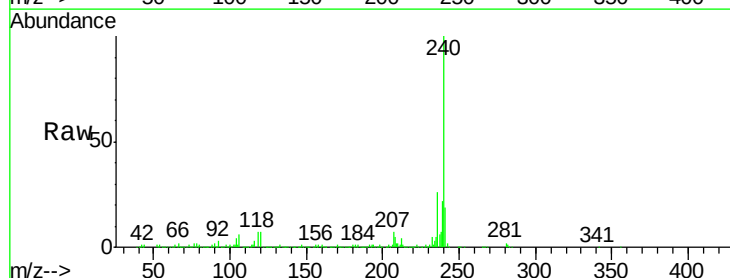
Tgt Ion:240 Resp: 540318

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

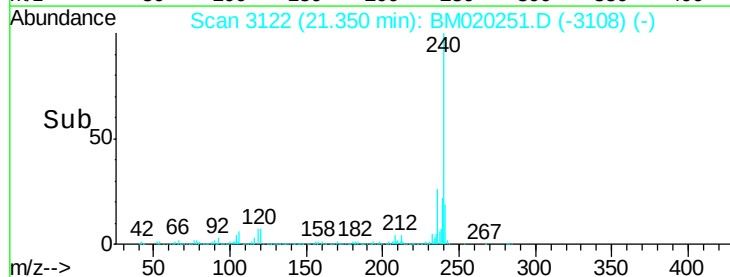
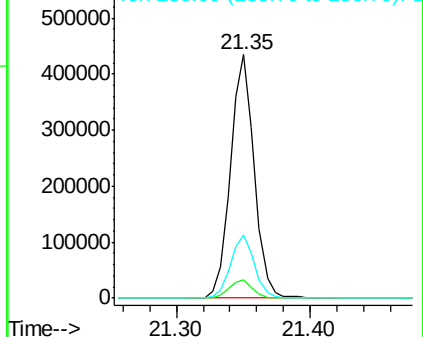
236 26.2 20.9 31.3

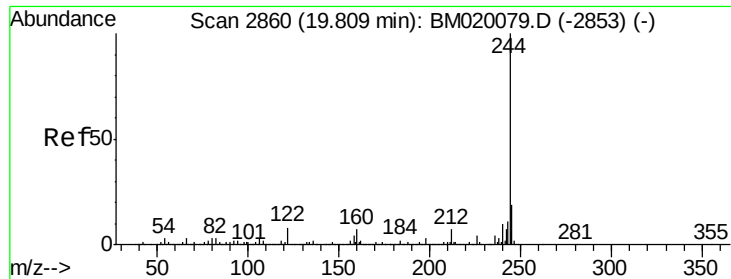


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.560 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

Instrument :

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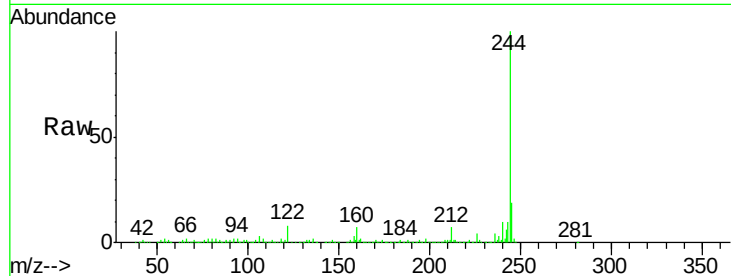
Tgt Ion:244 Resp: 2278712

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

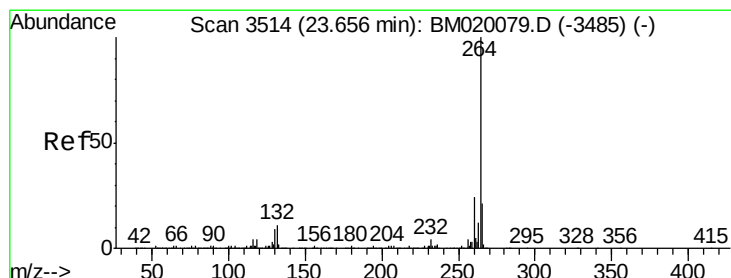
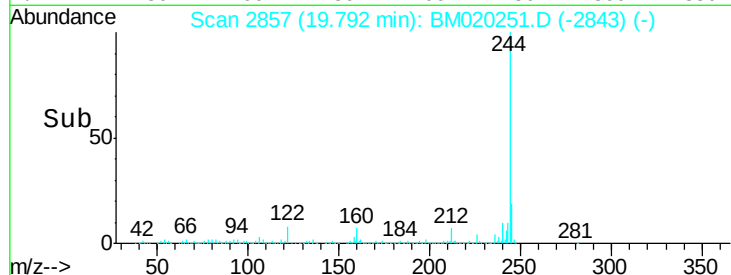
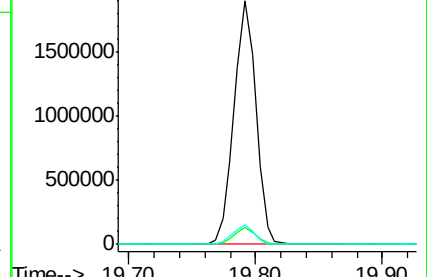
122 7.9 6.2 9.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM020251.D

Acq: 10 May 2019 22:30

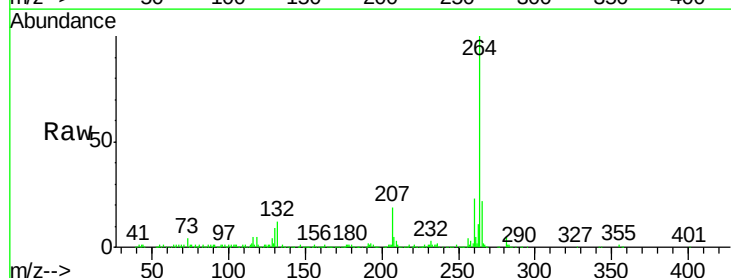
Tgt Ion:264 Resp: 495962

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.2 16.9 25.3



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

