

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020118.D
 Acq On : 03 May 2019 18:52
 Operator : JU/SJ
 Sample : K2668-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: May 03 23:56:02 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

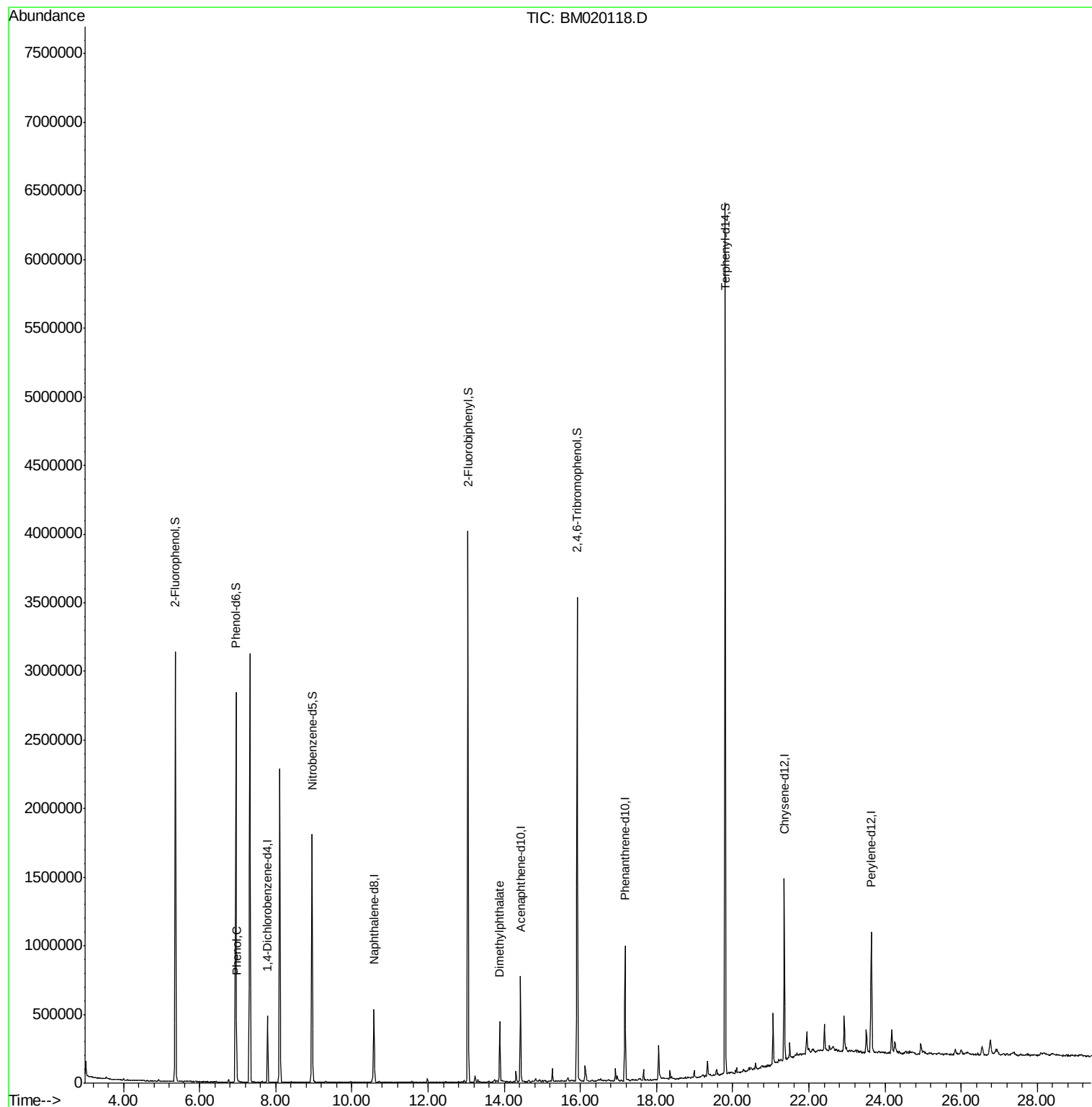
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	110822	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	404391	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	242022	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	551204	20.00	ng	0.00
76) Chrysene-d12	21.36	240	556955	20.00	ng	-0.01
87) Perylene-d12	23.64	264	659917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1085039	160.04	ng	0.00
7) Phenol-d6	6.95	99	1501147	162.07	ng	0.00
23) Nitrobenzene-d5	8.95	82	1085188	105.95	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	608258	161.92	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1893640	96.27	ng	-0.01
79) Terphenyl-d14	19.80	244	2849270	89.23	ng	-0.01
Target Compounds						
10) Phenol	6.97	94	89086	8.935	ng	97
50) Dimethylphthalate	13.89	163	245659	11.943	ng	98

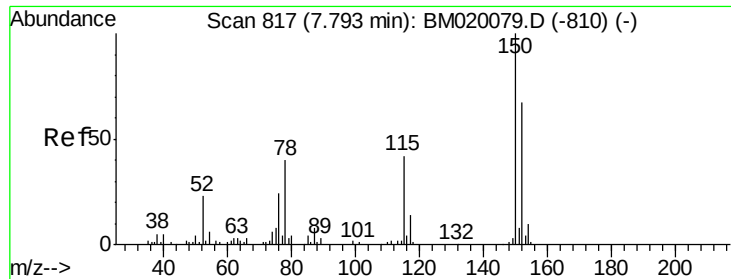
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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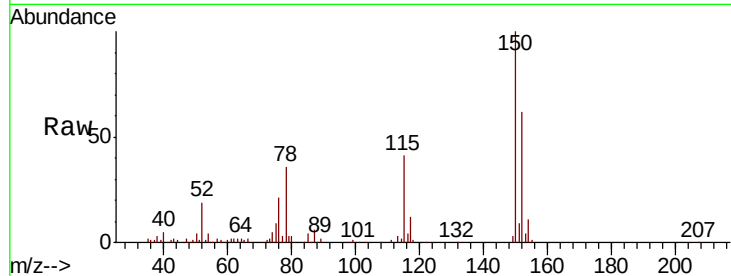


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020118.D
Acq: 03 May 2019 18:52

Instrument :
BNA_M
ClientSampleId :
TP-3

Tot Ion	152	Resp	110822
Ion Ratio	Lower	Upper	
152	100		
150	160.7	119.8	179.8
115	66.6	50.8	76.2

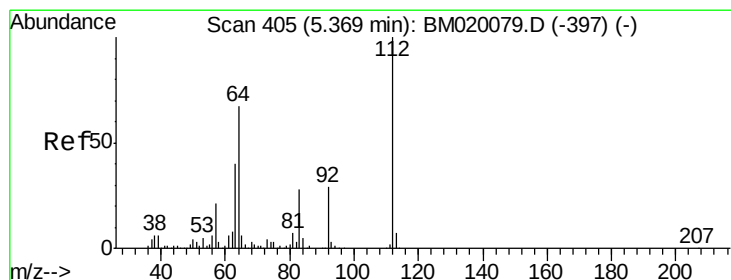
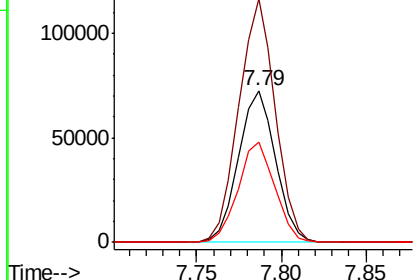
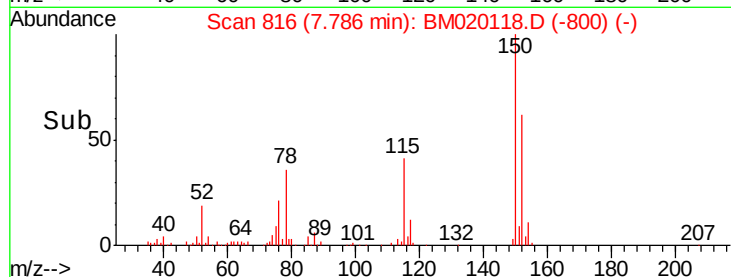


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

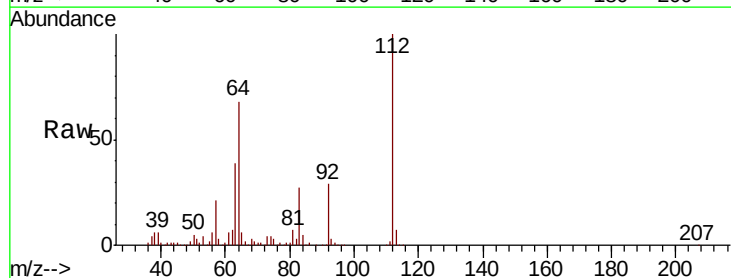
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 160.040 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020118.D
Acq: 03 May 2019 18:52

Tgt Ion	112	Resp	1085039
Ion Ratio	Lower	Upper	
112	100		
64	68.4	53.8	80.6
63	39.1	32.3	48.5

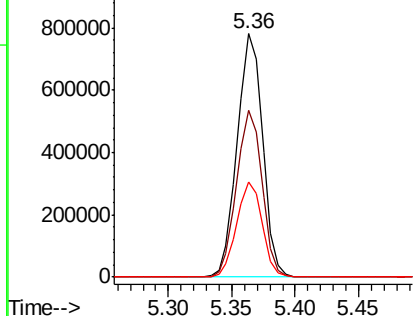
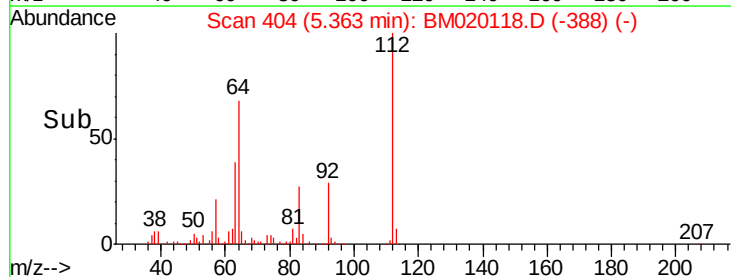


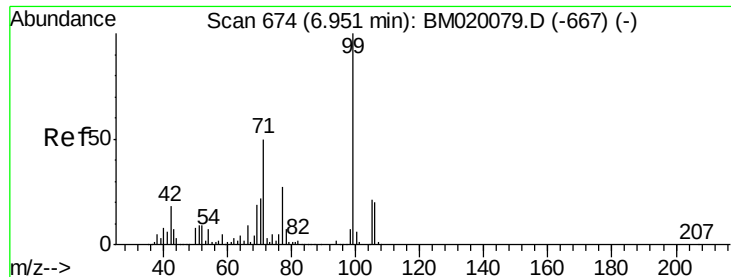
Abundance

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: 162.073 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

Instrument :

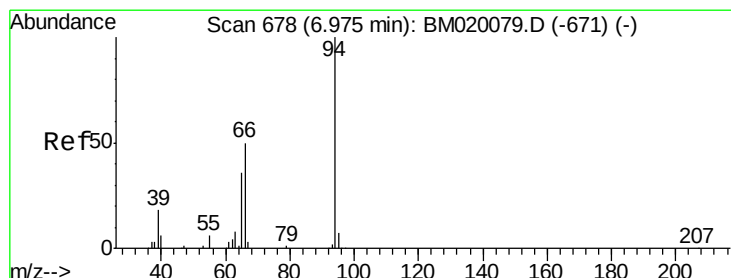
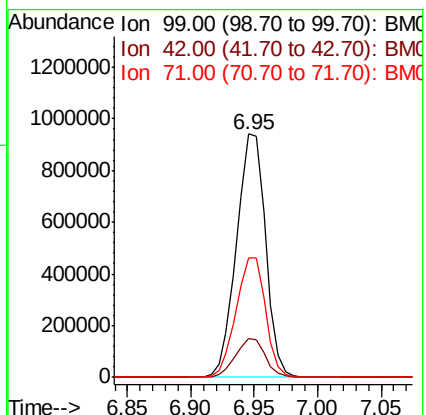
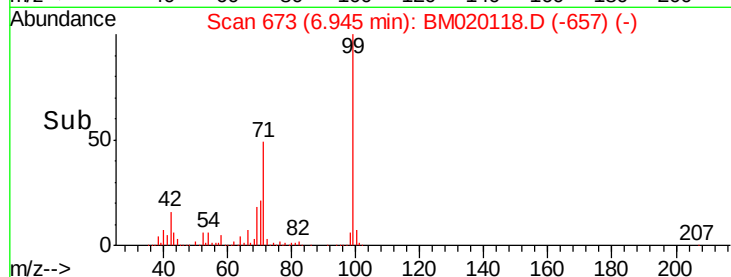
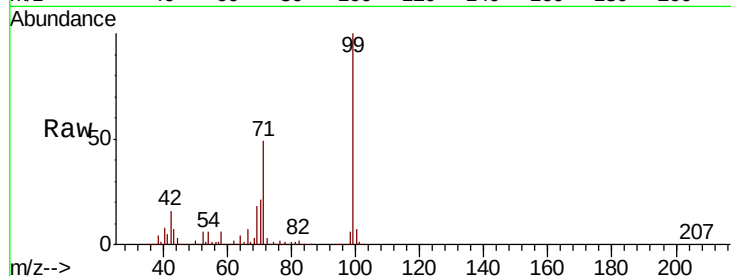
BNA_M

ClientSampleId :

TP-3

Tot Ion: 99 Resp: 1501147

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.2	21.2
71	49.0	40.3	60.5



#10

Phenol

Concen: 8.935 ng

RT: 6.97 min Scan# 678

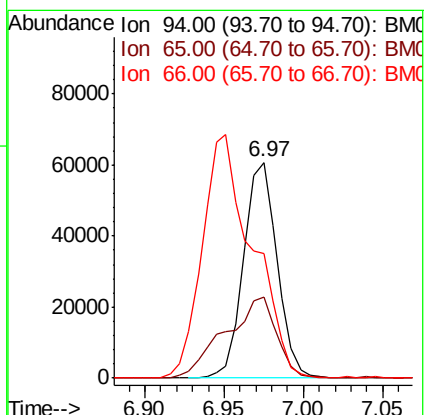
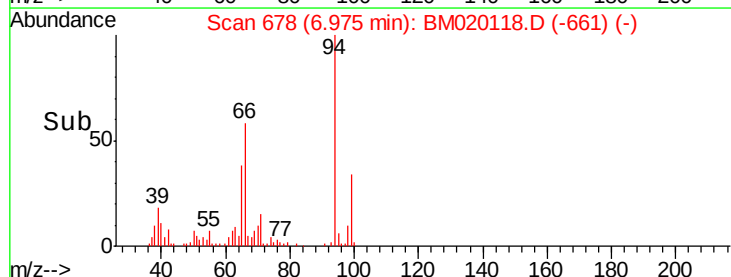
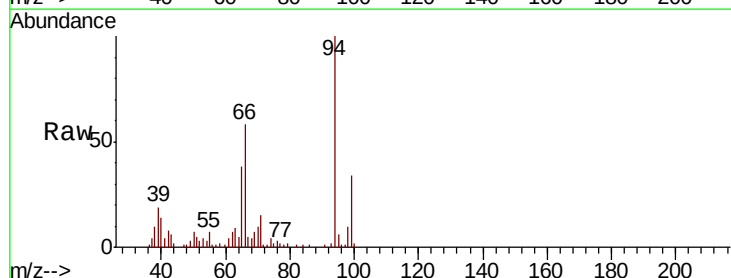
Delta R.T. -0.00 min

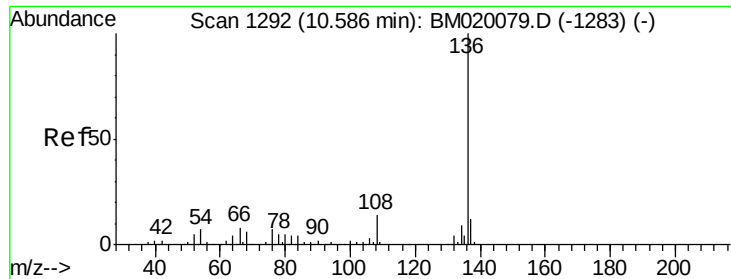
Lab File: BM020118.D

Acq: 03 May 2019 18:52

Tgt Ion: 94 Resp: 89086

Ion	Ratio	Lower	Upper
94	100		
65	37.7	17.0	57.0
66	58.0	34.5	74.5

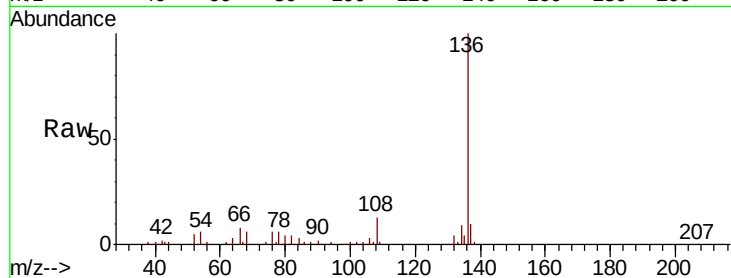




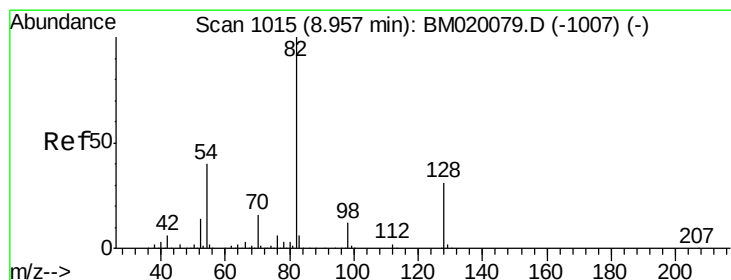
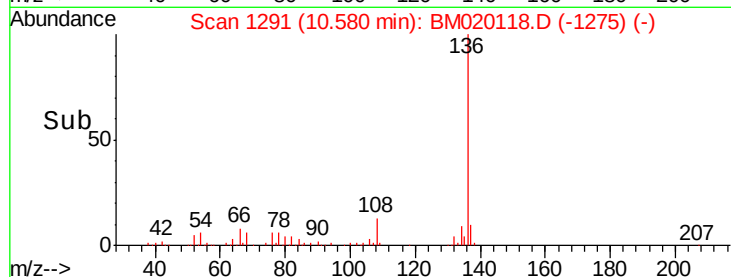
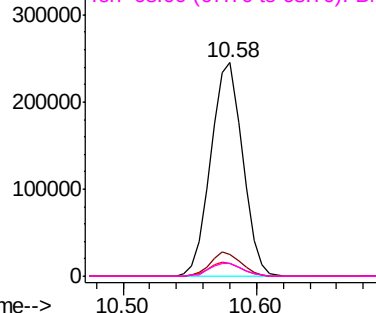
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020118.D
Acq: 03 May 2019 18:52

Instrument :
BNA_M
ClientSampleId :
TP-3

Tot Ion:136	Resp:	404391
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.6 14.4
54	6.2	5.5 8.3
68	5.9	4.6 6.8

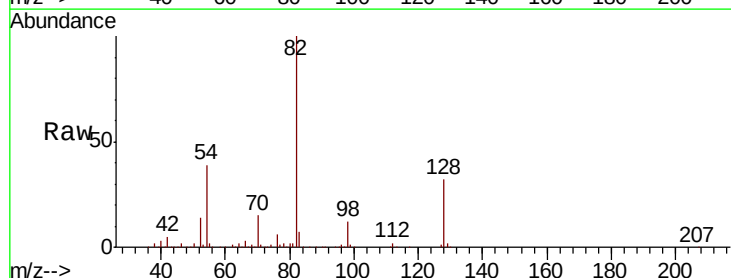


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

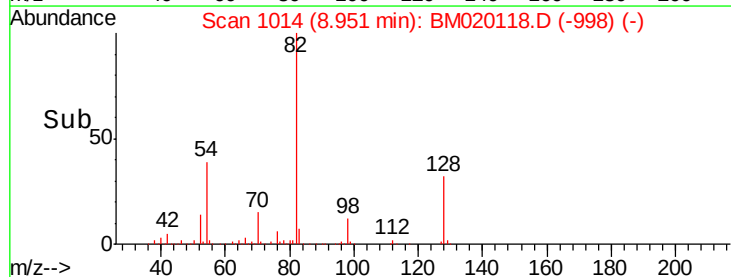
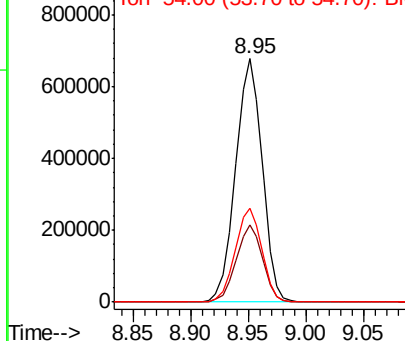


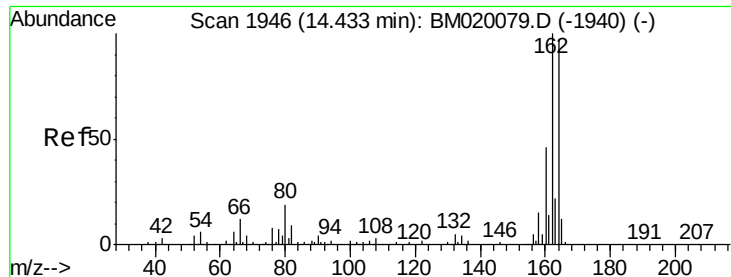
#23
Nitrobenzene-d5
Concen: 105.945 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020118.D
Acq: 03 May 2019 18:52

Tgt Ion: 82	Resp:	1085188
Ion Ratio	Lower	Upper
82	100	
128	31.9	25.2 37.8
54	38.5	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: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

Instrument :

BNA_M

ClientSampleId :

TP-3

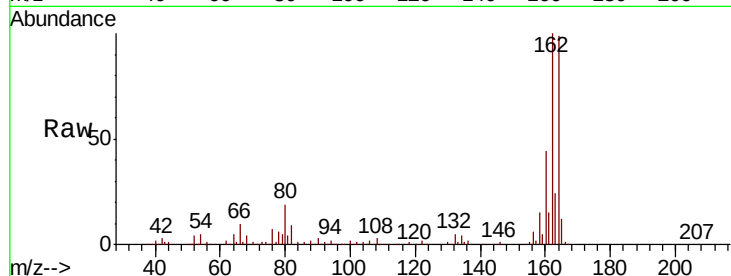
Tot Ion:164 Resp: 242022

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

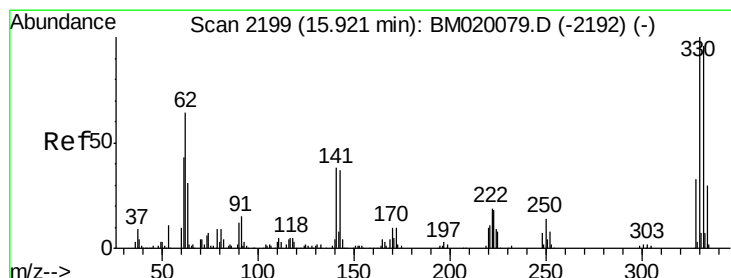
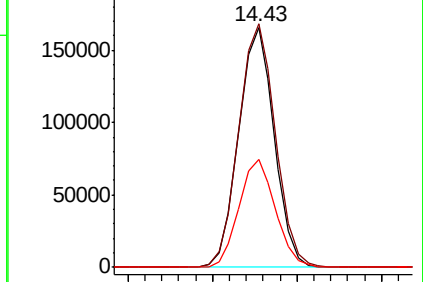
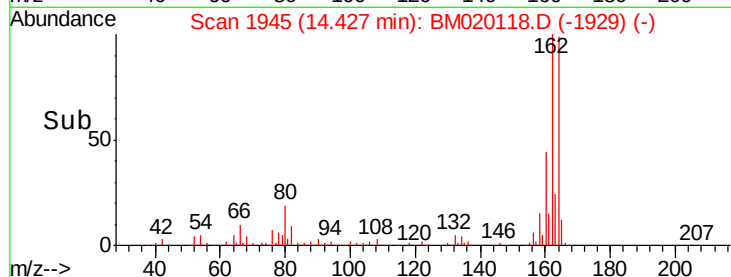
160 44.9 37.6 56.4



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: 161.916 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

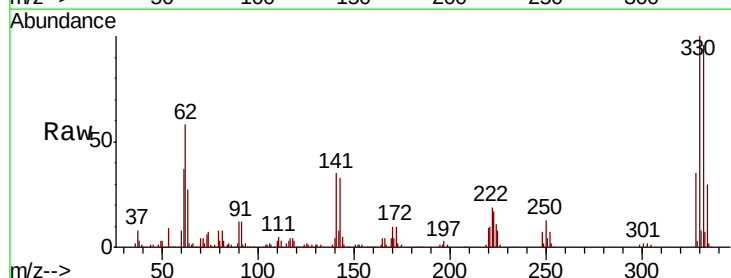
Tgt Ion:330 Resp: 608258

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

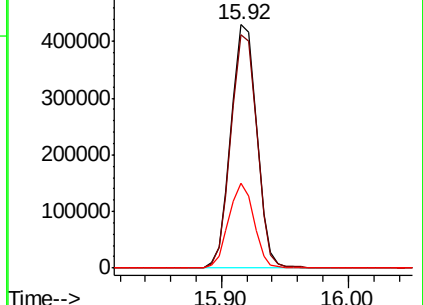
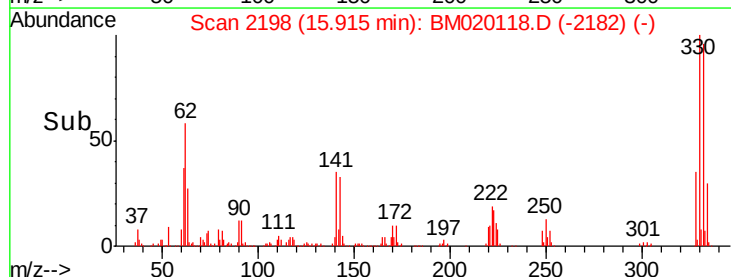
141 34.1 29.2 43.8

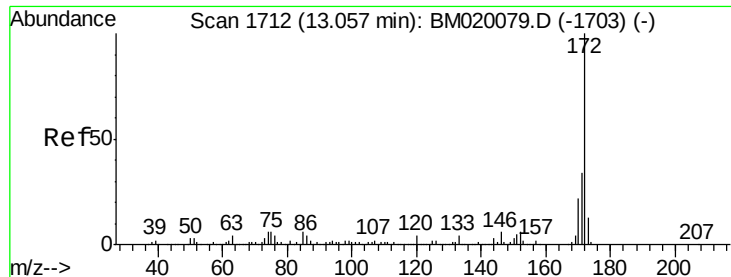


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

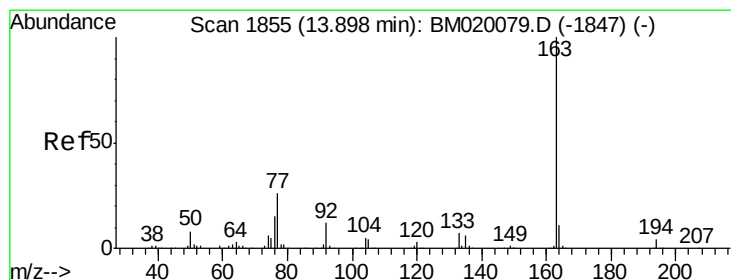
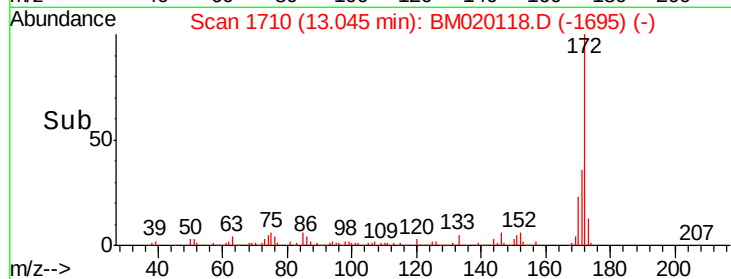
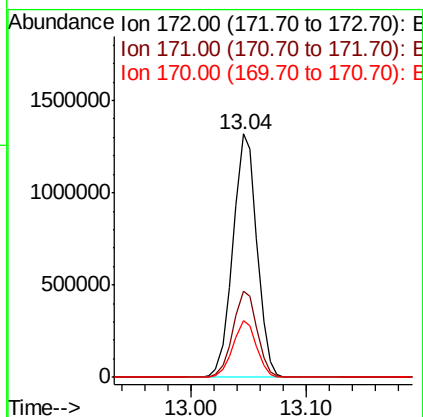
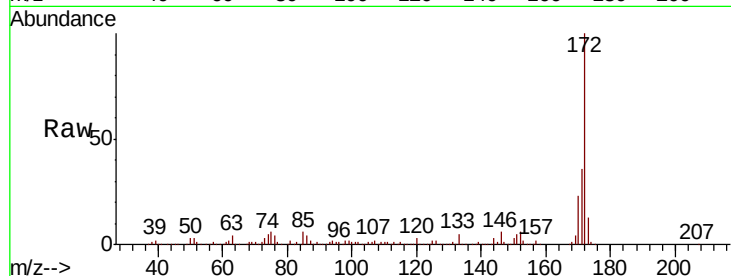




#45
2-Fluorobiphenyl
Concen: 96.267 ng
RT: 13.04 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020118.D
Acq: 03 May 2019 18:52

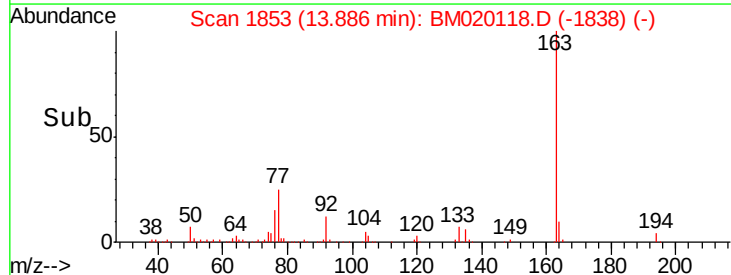
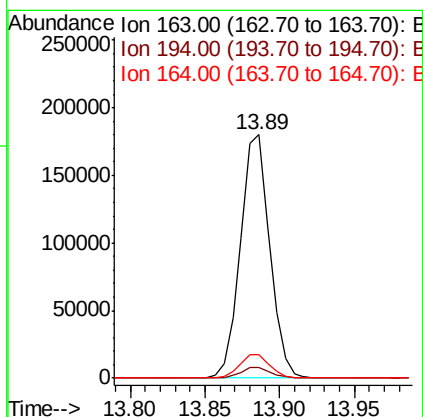
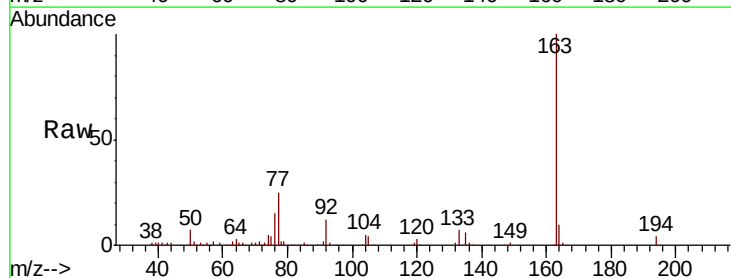
Instrument :
BNA_M
ClientSampleId :
TP-3

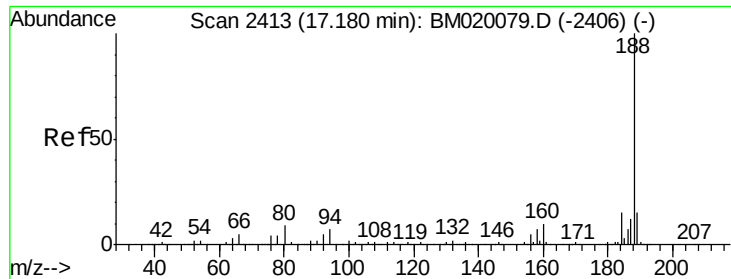
Tot Ion:172 Resp: 1893640
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 23.3 17.9 26.9



#50
Dimethylphthalate
Concen: 11.943 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020118.D
Acq: 03 May 2019 18:52

Tgt Ion:163 Resp: 245659
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

Instrument :

BNA_M

ClientSampled :

TP-3

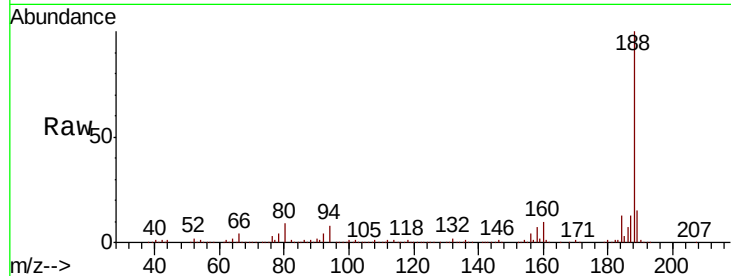
Tot Ion:188 Resp: 551204

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

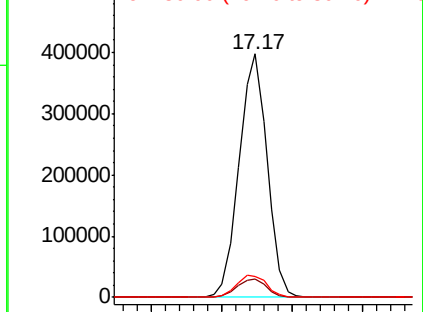
80 8.7 7.4 11.2



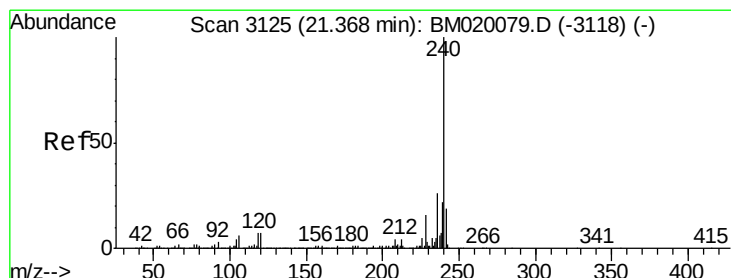
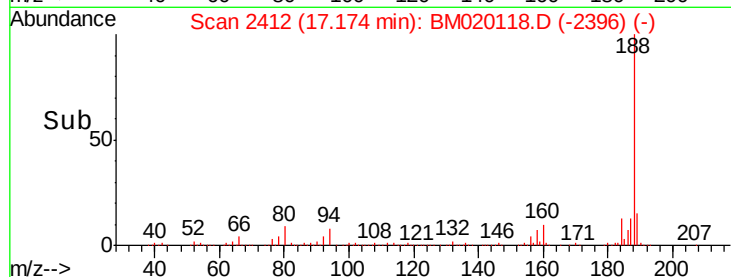
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

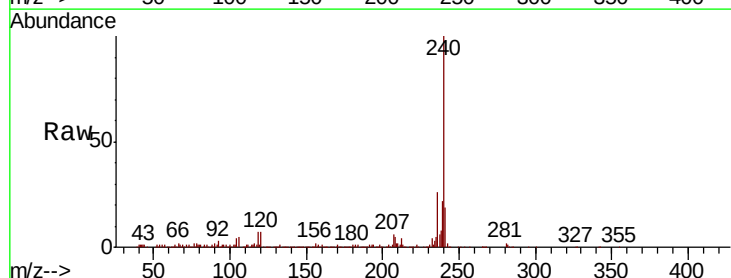
Tgt Ion:240 Resp: 556955

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

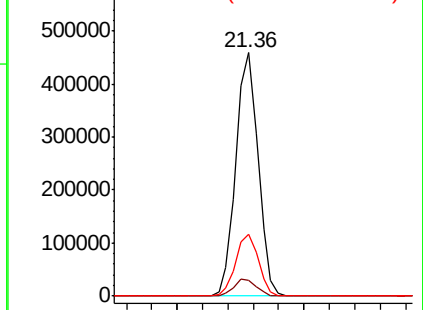
236 25.6 20.9 31.3



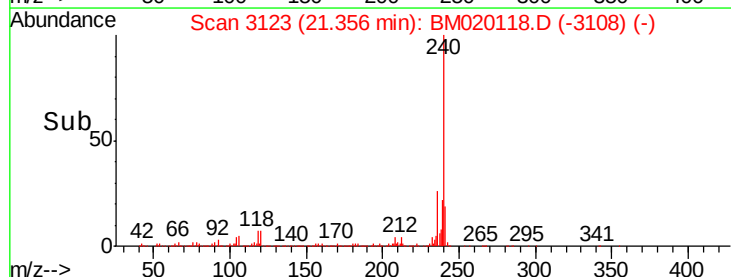
Abundance Ion 240.00 (239.70 to 240.70): E

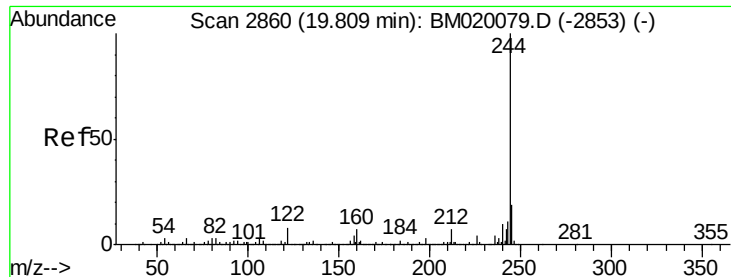
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 89.231 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

Instrument :

BNA_M

ClientSampleId :

TP-3

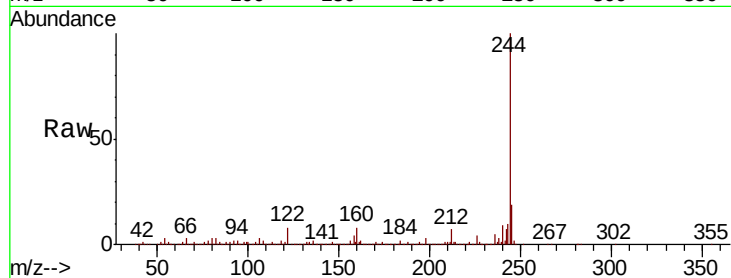
Tot Ion:244 Resp: 2849270

Ion Ratio Lower Upper

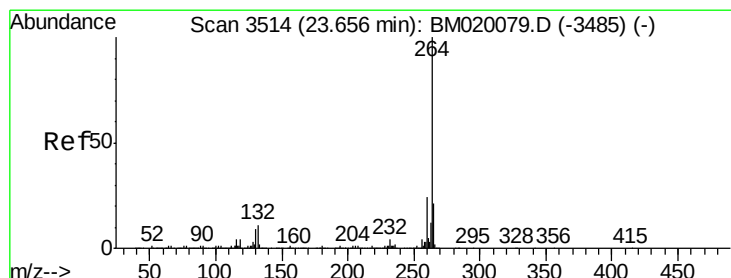
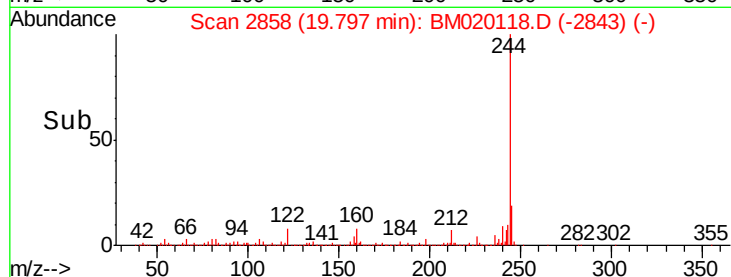
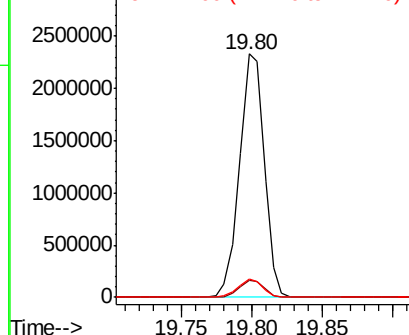
244 100

212 7.0 5.7 8.5

122 7.7 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: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM020118.D

Acq: 03 May 2019 18:52

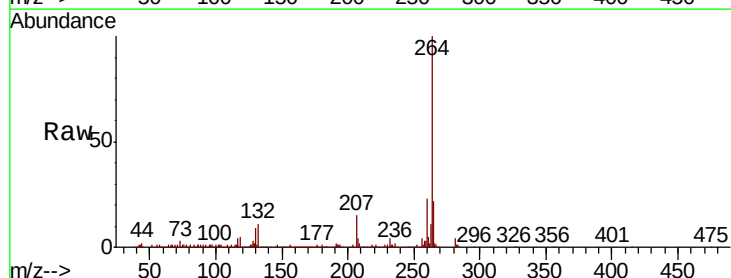
Tgt Ion:264 Resp: 659917

Ion Ratio Lower Upper

264 100

260 23.1 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

