

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010164.D
 Acq On : 24 May 2017 04:59
 Operator : SJ/MA
 Sample : I3222-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-19

Quant Time: May 24 07:50:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

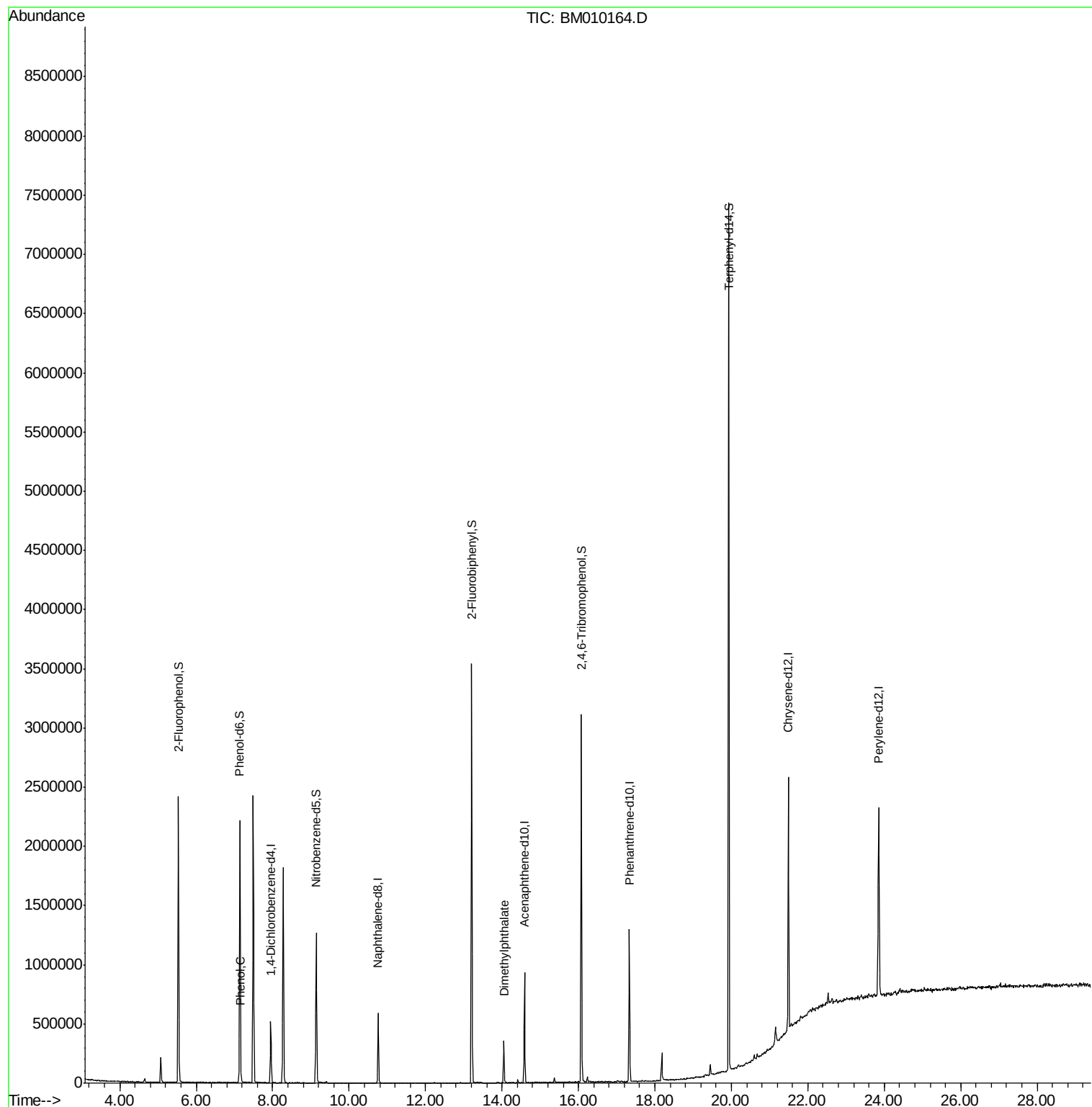
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	133436	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	444713	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	286493	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	740785	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1117999	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1263957	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	856521	115.92	ng	-0.02
7) Phenol-d6	7.14	99	1087227	114.35	ng	-0.03
23) Nitrobenzene-d5	9.14	82	698143	84.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	530006	121.81	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1721008	77.23	ng	-0.02
78) Terphenyl-d14	19.93	244	3103514	63.12	ng	-0.02
Target Compounds						
10) Phenol	7.17	94	24100	2.41	ng	Qvalue 95
49) Dimethylphthalate	14.04	163	201455	7.88	ng	# 98

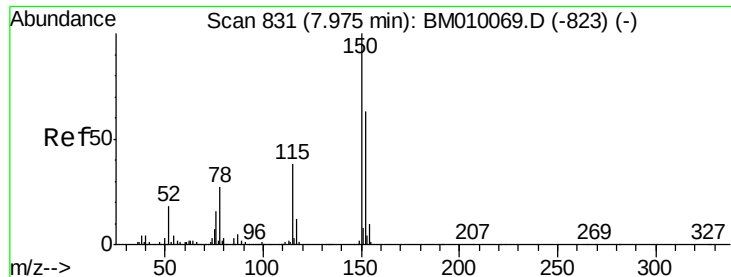
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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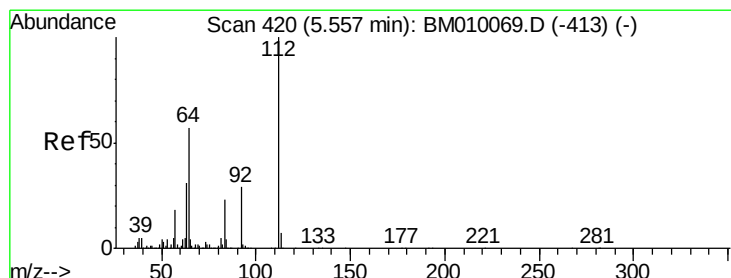
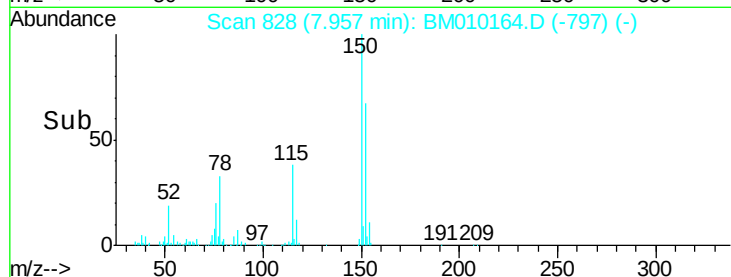
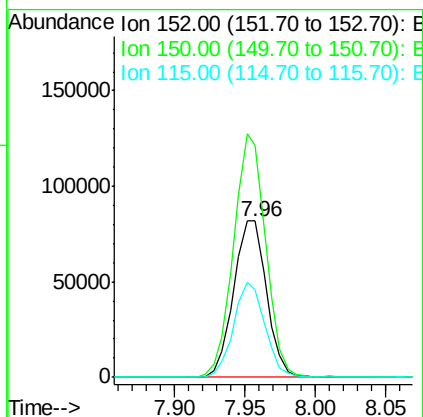
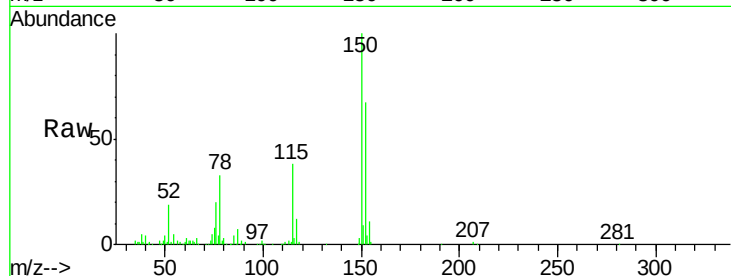


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010164.D
Acq: 24 May 2017 04:59

Instrument :
BNA_M
ClientSampled :
EX-19

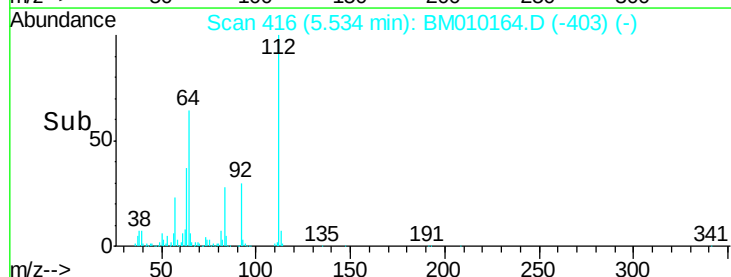
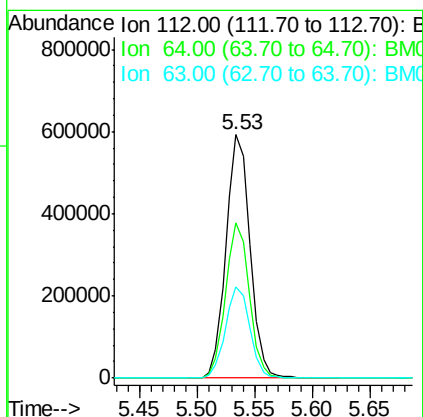
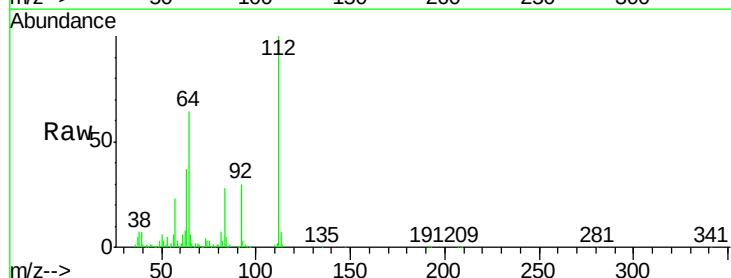
Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.5	119.5	179.3
115	56.1	43.0	64.4

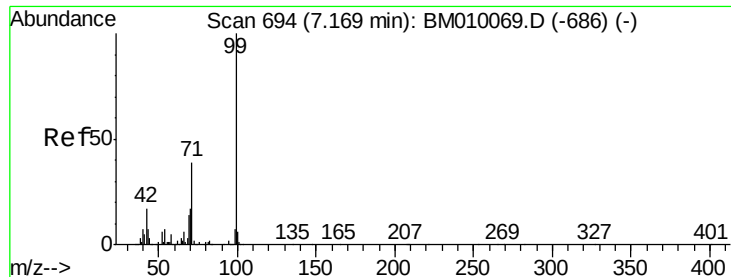


#5

2-Fluorophenol
Concen: 115.92 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010164.D
Acq: 24 May 2017 04:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8#
63	37.4	19.3	28.9#





#7

Phenol-d6

Concen: 114.35 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010164.D

Acq: 24 May 2017 04:59

Instrument :

BNA_M

ClientSampleId :

EX-19

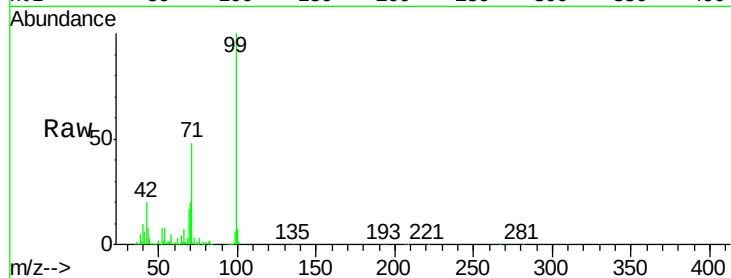
Tgt Ion: 99 Resp: 1087227

Ion Ratio Lower Upper

99 100

42 20.3 11.0 16.4#

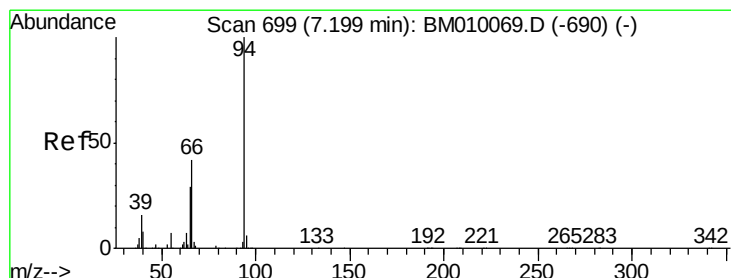
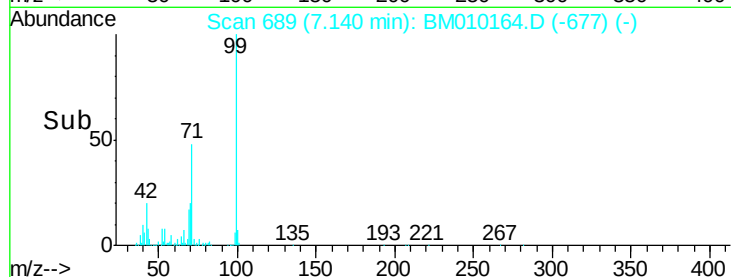
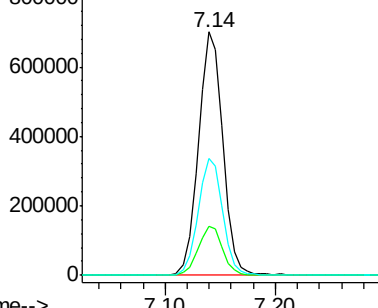
71 48.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010164.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010164.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010164.D (-677) (-)



#10

Phenol

Concen: 2.41 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010164.D

Acq: 24 May 2017 04:59

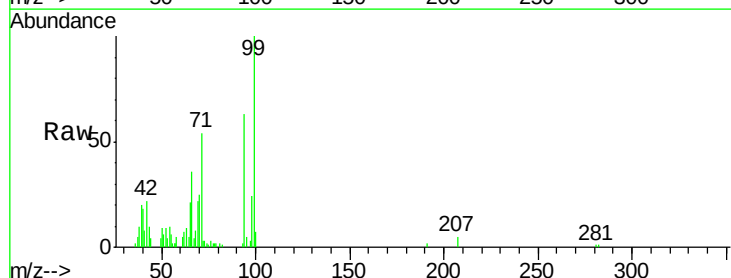
Tgt Ion: 94 Resp: 24100

Ion Ratio Lower Upper

94 100

65 33.8 18.8 58.8

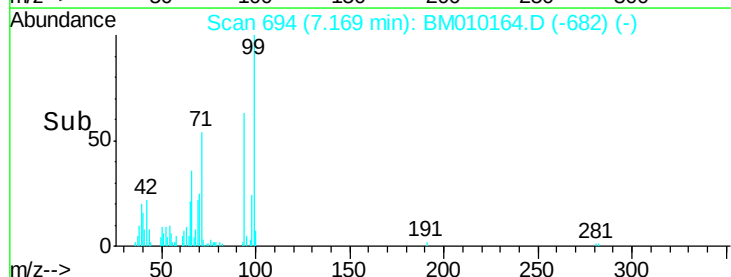
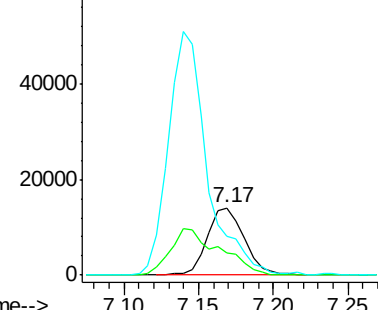
66 58.1 39.9 79.9

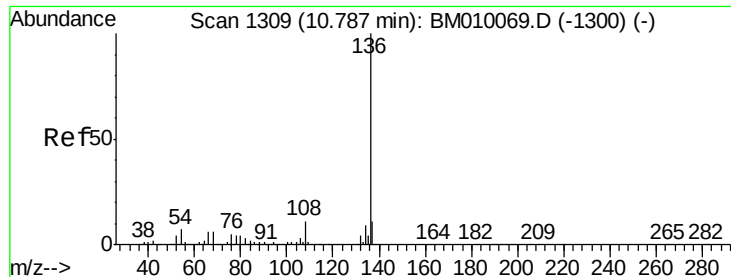


Abundance Ion 94.00 (93.70 to 94.70): BM010164.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010164.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010164.D (-682) (-)

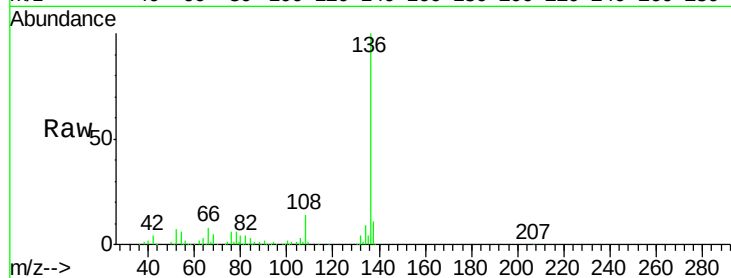




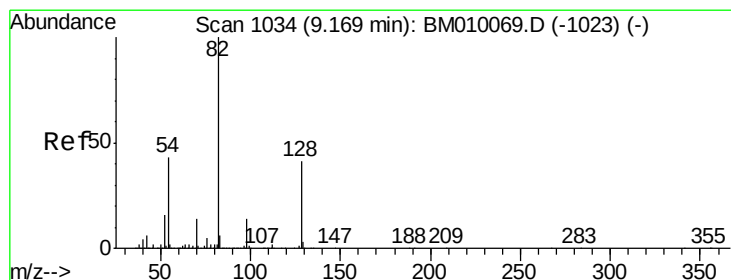
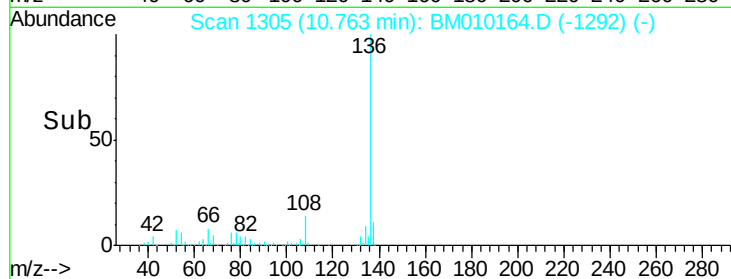
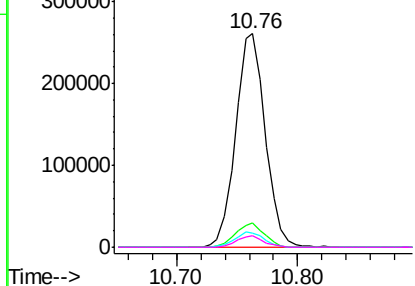
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010164.D
Acq: 24 May 2017 04:59

Instrument :
BNA_M
ClientSampleId :
EX-19

Tgt Ion:	136	Resp:	444713
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.5	4.6	6.8
68	5.2	3.7	5.5

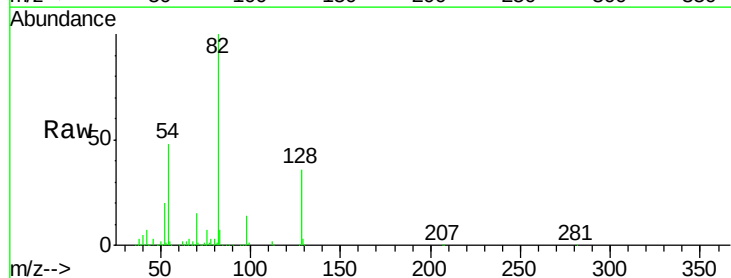


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

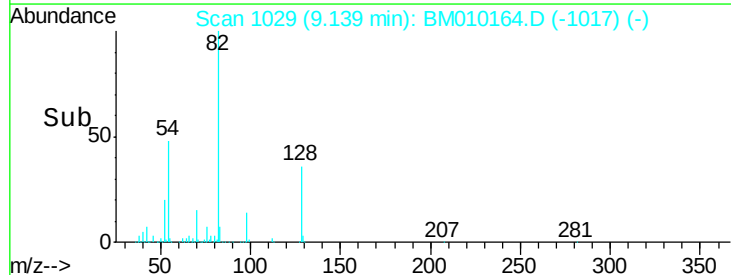
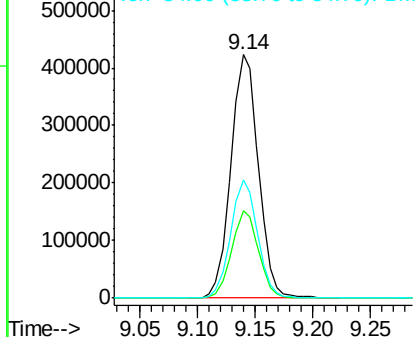


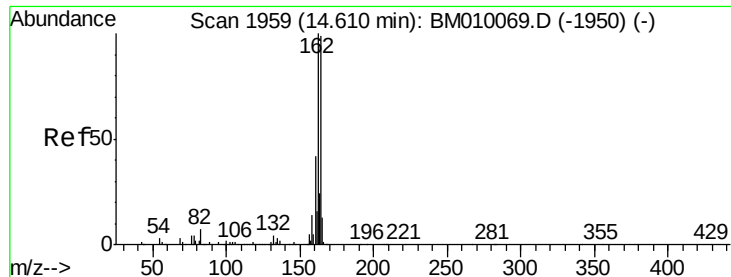
#23
Nitrobenzene-d5
Concen: 84.70 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010164.D
Acq: 24 May 2017 04:59

Tgt Ion:	82	Resp:	698143
Ion	Ratio	Lower	Upper
82	100		
128	35.9	32.8	49.2
54	48.3	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: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010164.D

Acq: 24 May 2017 04:59

Instrument :

BNA_M

ClientSampleId :

EX-19

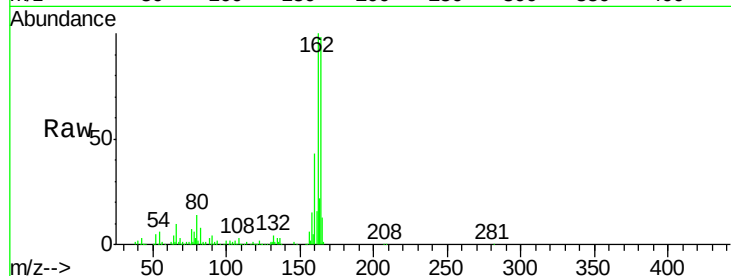
Tgt Ion:164 Resp: 286493

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

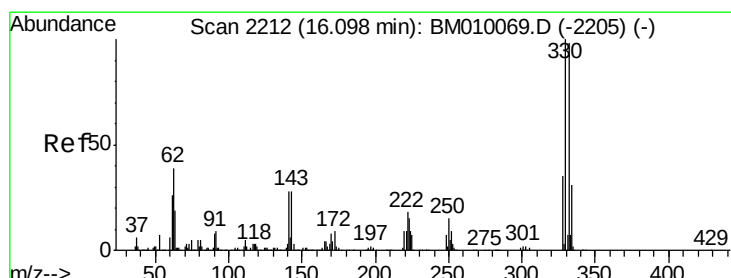
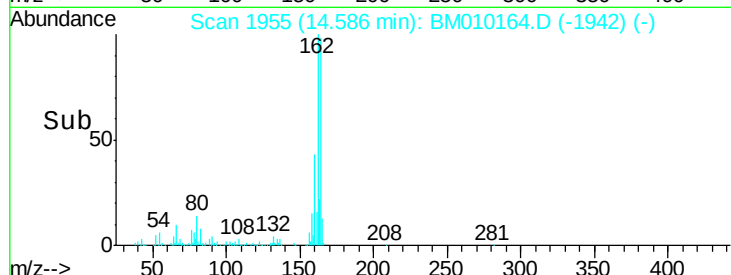
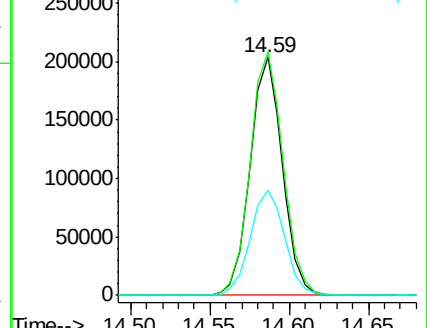
160 44.2 35.8 53.6



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: 121.81 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010164.D

Acq: 24 May 2017 04:59

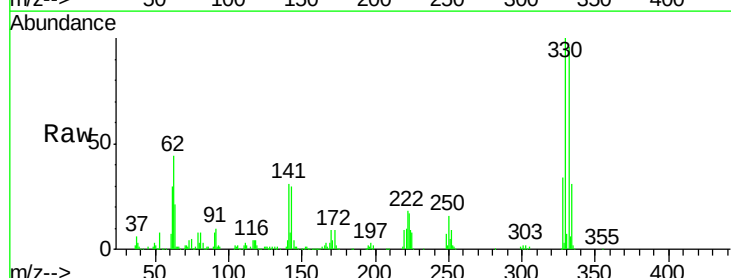
Tgt Ion:330 Resp: 530006

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

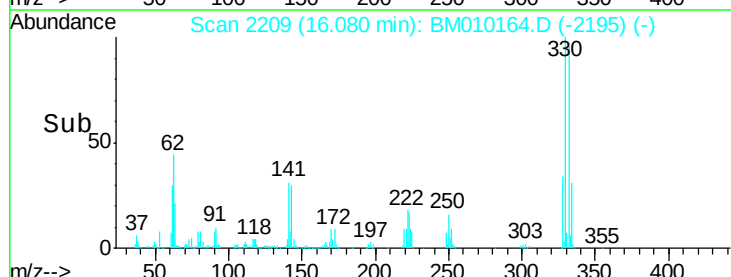
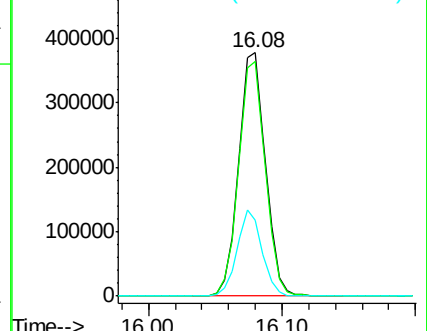
141 33.1 0.0 0.0#

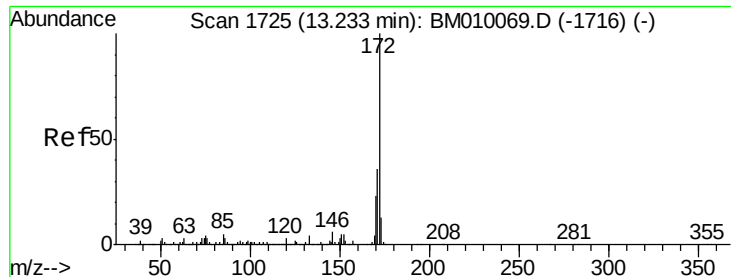


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

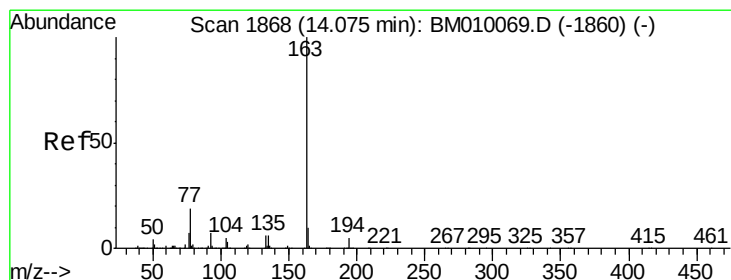
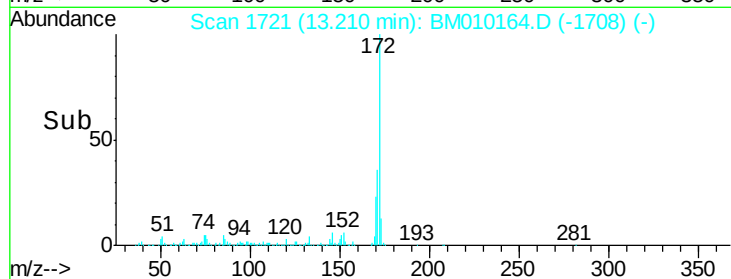
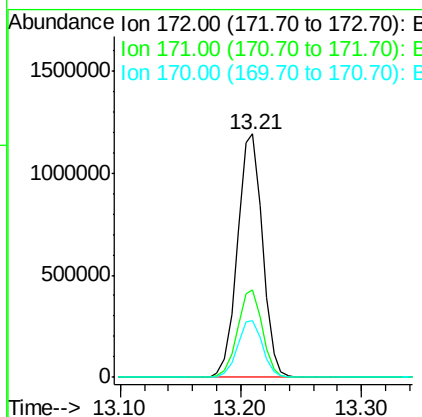
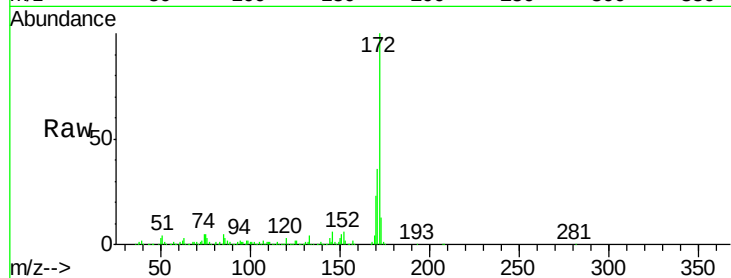




#44
2-Fluorobiphenyl
Concen: 77.23 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010164.D
Acq: 24 May 2017 04:59

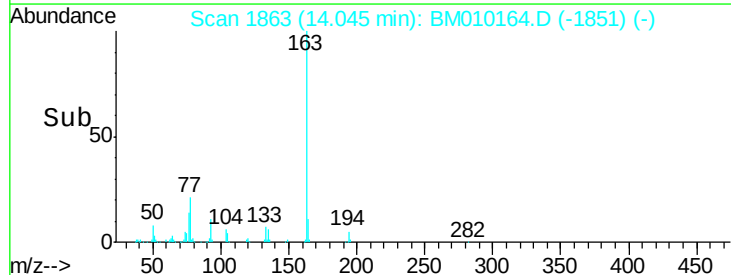
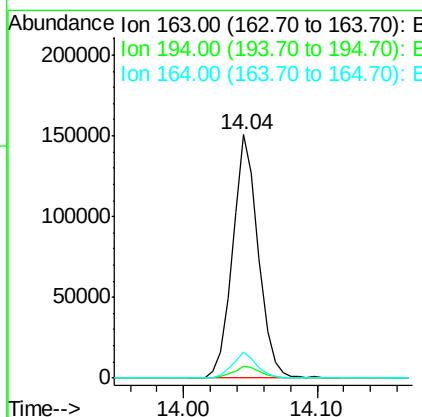
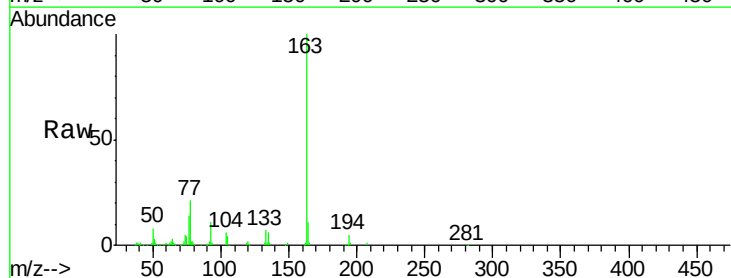
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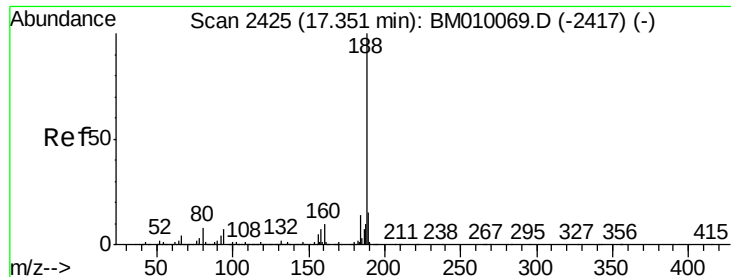
Tgt Ion:172 Resp: 1721008
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.4 18.8 28.2



#49
Dimethylphthalate
Concen: 7.88 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010164.D
Acq: 24 May 2017 04:59

Tgt Ion:163 Resp: 201455
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 10.6 8.2 12.2

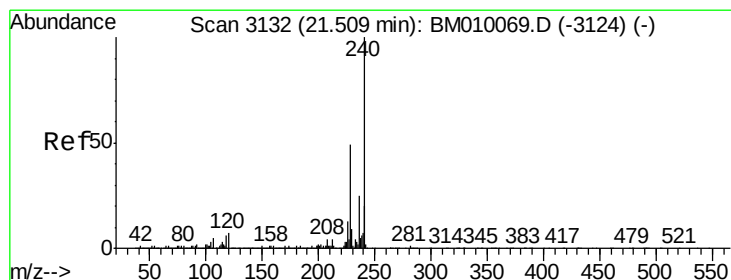
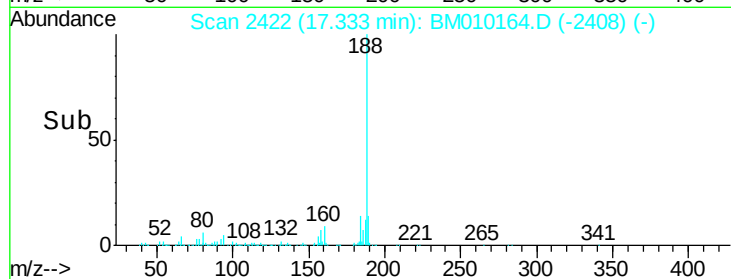
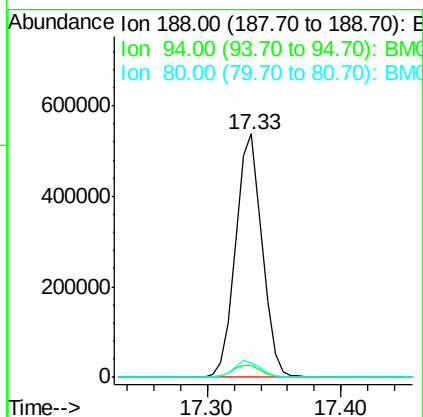
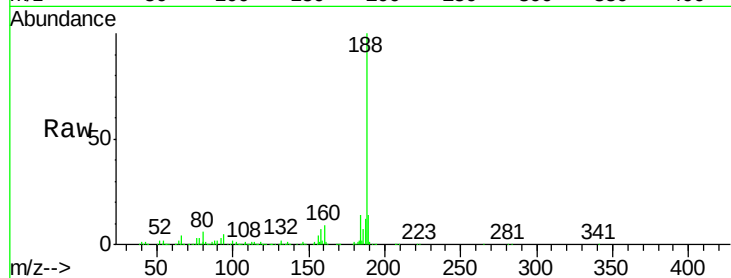




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.33 min Scan# 2422
 Delta R.T. -0.02 min
 Lab File: BM010164.D
 Acq: 24 May 2017 04:59

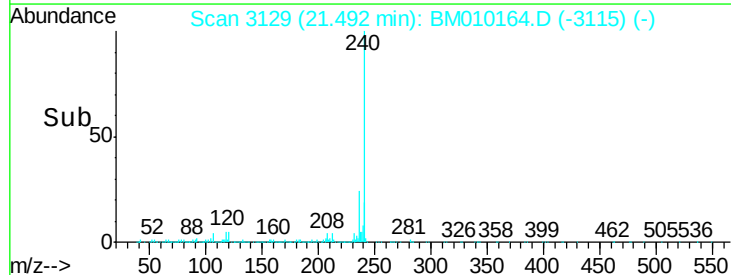
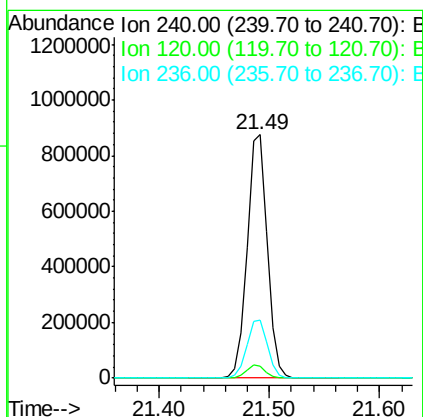
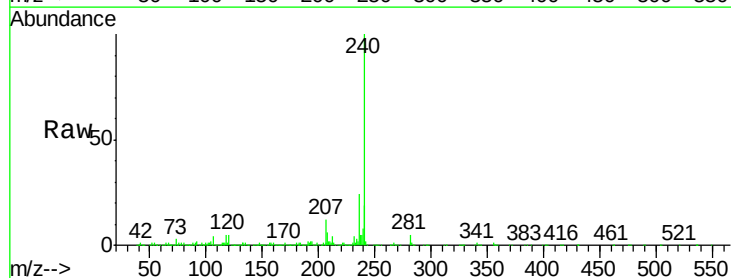
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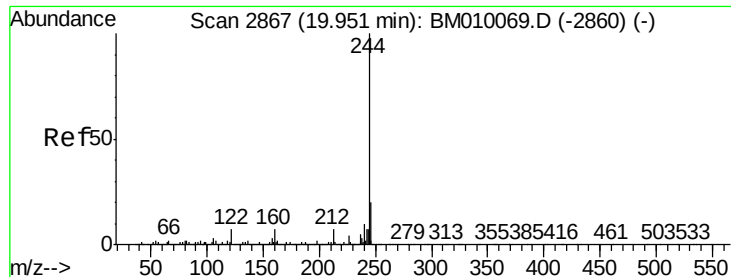
Tgt Ion:188 Resp: 740785
 Ion Ratio Lower Upper
 188 100
 94 4.9 8.7 13.1#
 80 6.1 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.49 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BM010164.D
 Acq: 24 May 2017 04:59

Tgt Ion:240 Resp: 1117999
 Ion Ratio Lower Upper
 240 100
 120 5.0 8.2 12.2#
 236 24.0 20.0 30.0





#78

Terphenyl-d14

Concen: 63.12 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010164.D

Acq: 24 May 2017 04:59

Instrument :

BNA_M

ClientSampleId :

EX-19

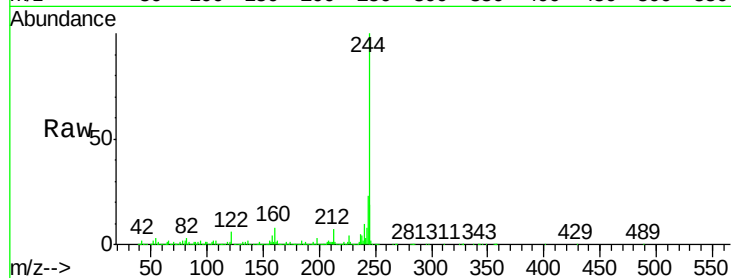
Tgt Ion:244 Resp: 3103514

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

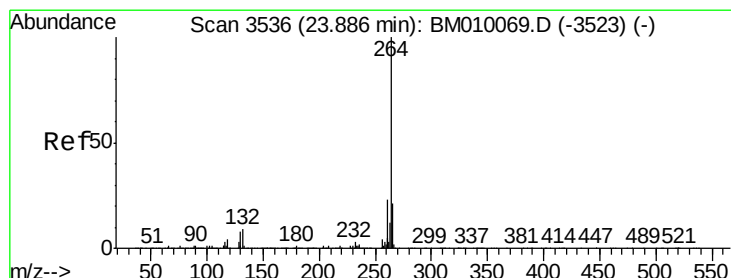
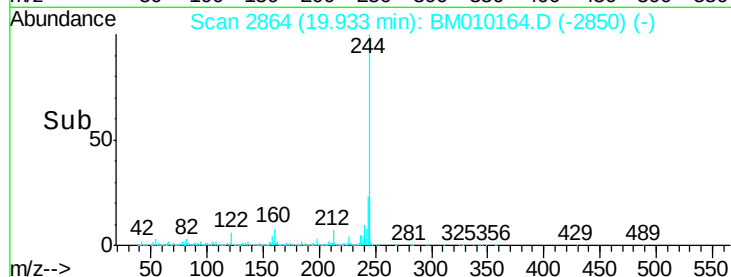
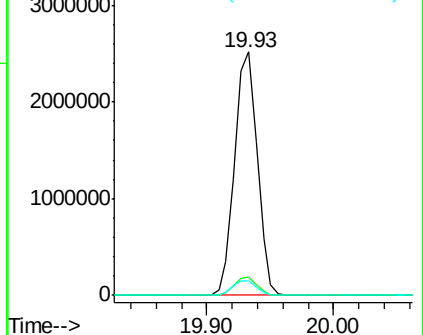
122 6.0 6.2 9.4#



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: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010164.D

Acq: 24 May 2017 04:59

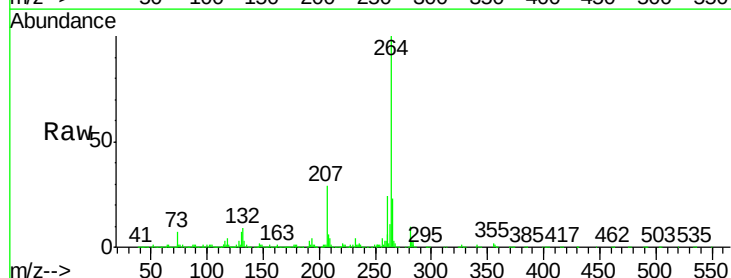
Tgt Ion:264 Resp: 1263957

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 23.1 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

