

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020535.D
 Acq On : 24 May 2019 02:47
 Operator : JU/SJ
 Sample : K2993-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Quant Time: May 24 03:47:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

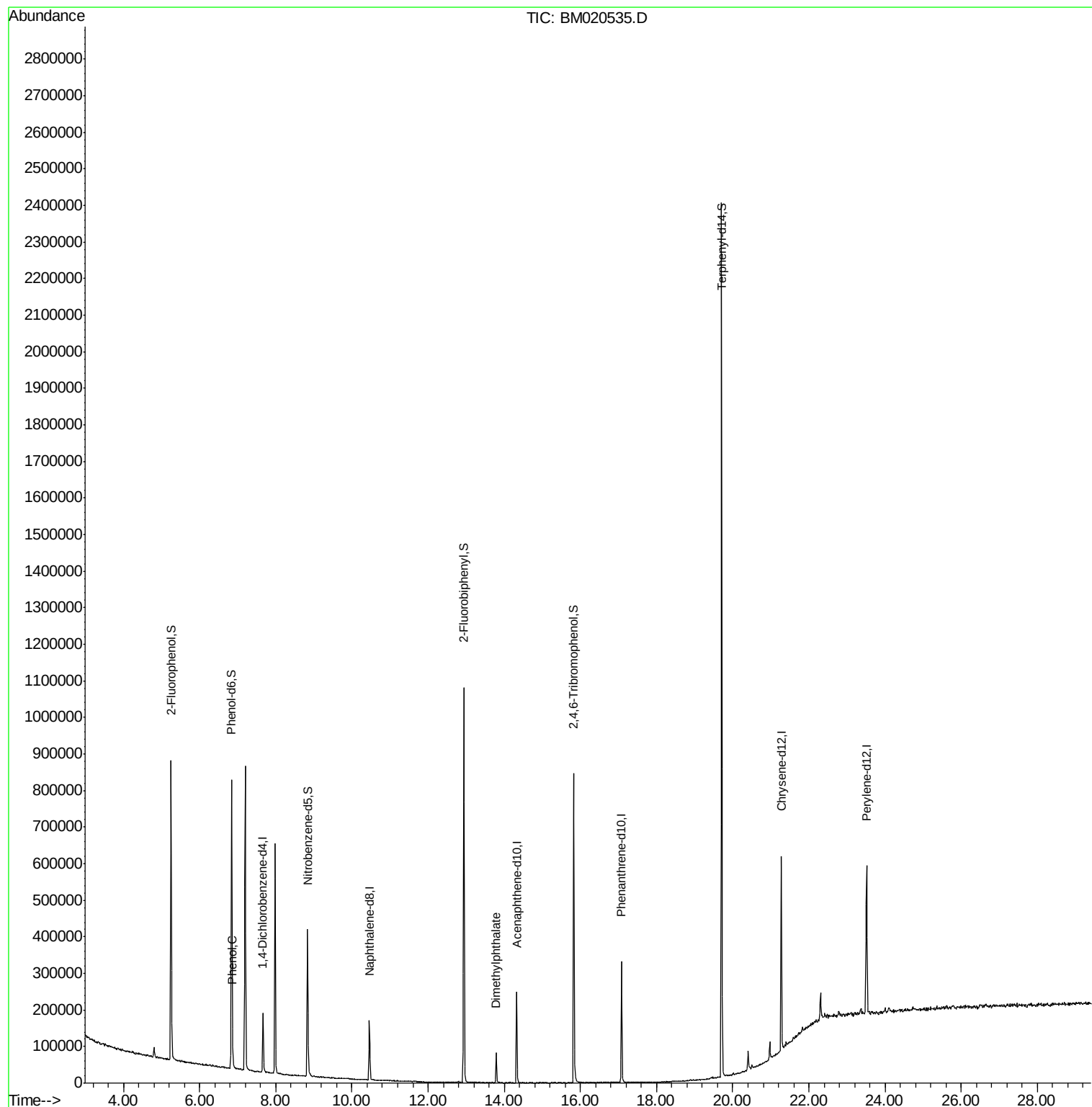
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	44110	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	134745	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	78772	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	206339	20.00	ng	0.00
76) Chrysene-d12	21.27	240	257077	20.00	ng	-0.01
87) Perylene-d12	23.52	264	316410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	347039	128.60	ng	0.00
7) Phenol-d6	6.84	99	443983	120.43	ng	-0.01
23) Nitrobenzene-d5	8.83	82	280553	82.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	173425	141.84	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	561025	87.63	ng	0.00
79) Terphenyl-d14	19.71	244	1116261	75.74	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	10557	2.660	ng	93
50) Dimethylphthalate	13.79	163	55147	8.237	ng	99

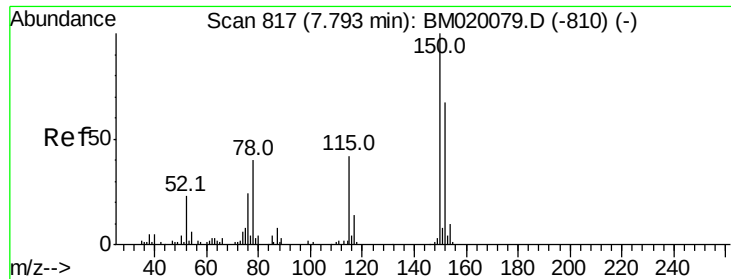
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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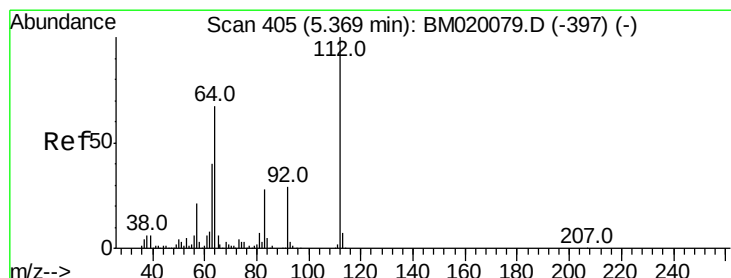
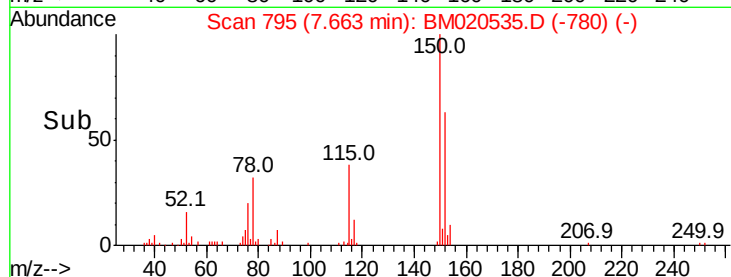
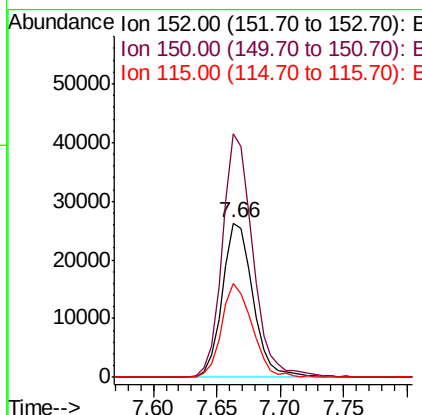
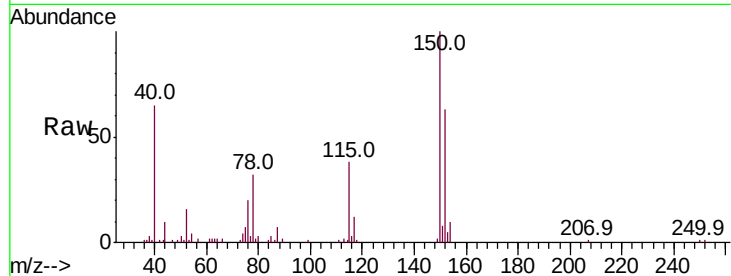


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Instrument :
BNA_M
ClientSampled :
COMP-2

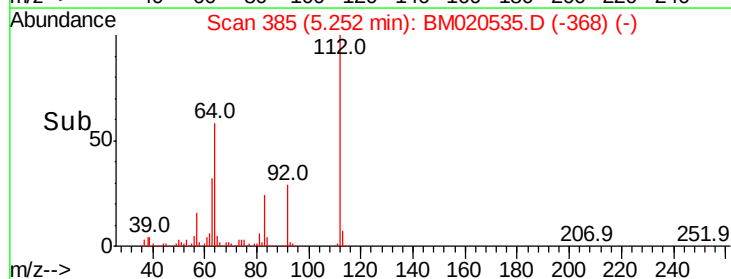
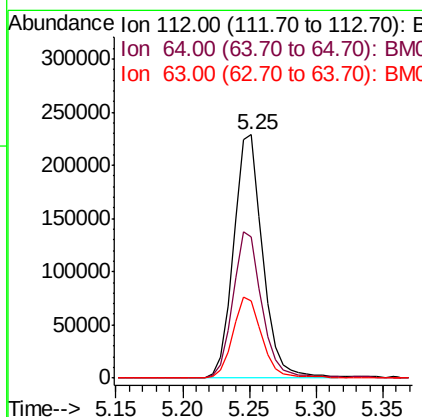
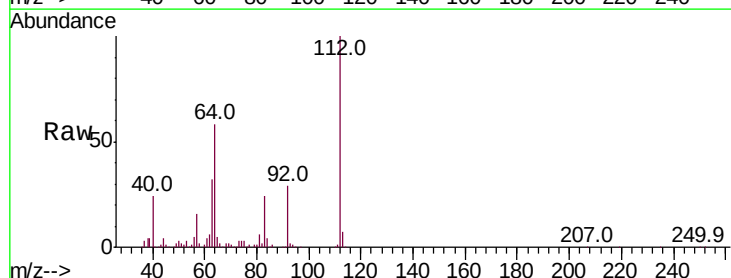
Tot Ion:152 Resp: 44110
Ion Ratio Lower Upper
152 100
150 158.0 119.8 179.8
115 60.6 50.8 76.2

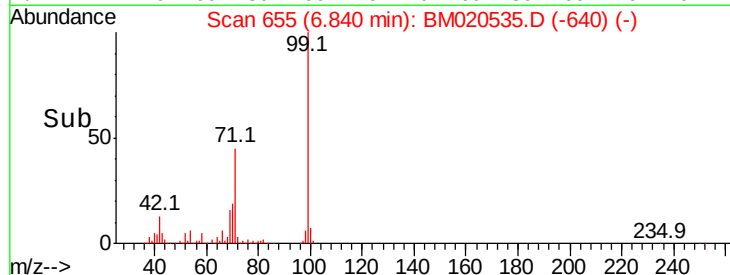
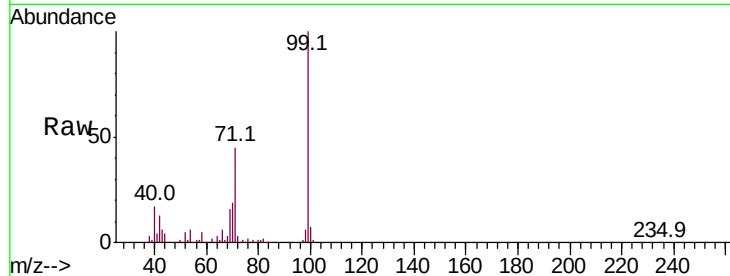
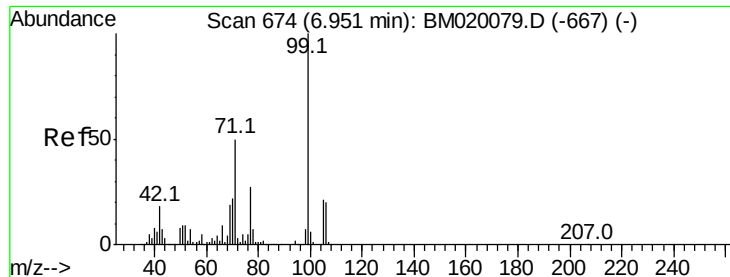


#5

2-Fluorophenol
Concen: 128.603 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Tgt Ion:112 Resp: 347039
Ion Ratio Lower Upper
112 100
64 58.2 53.8 80.6
63 31.7 32.3 48.5#





#7

Phenol-d6

Concen: 120.432 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020535.D

Acq: 24 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

COMP-2

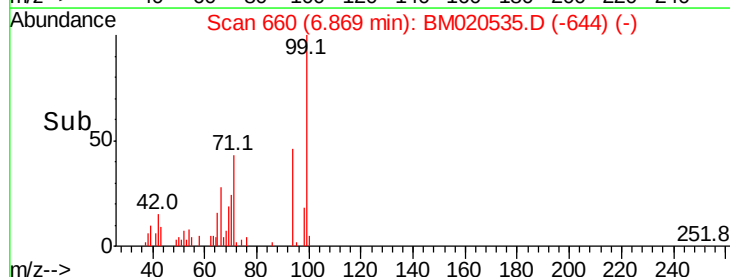
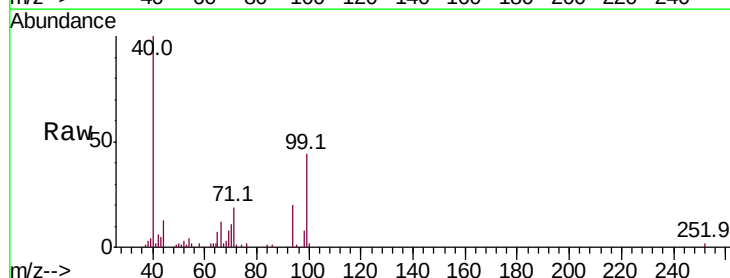
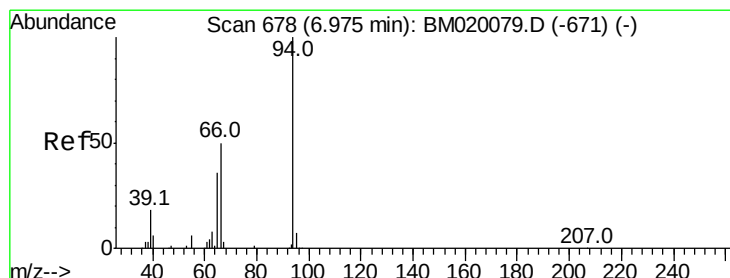
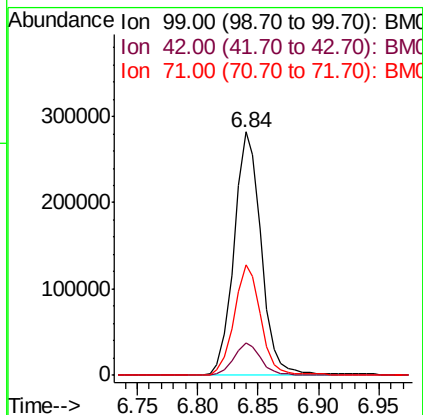
Tot Ion: 99 Resp: 443983

Ion Ratio Lower Upper

99 100

42 13.1 14.2 21.2#

71 45.3 40.3 60.5



#10

Phenol

Concen: 2.660 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020535.D

Acq: 24 May 2019 02:47

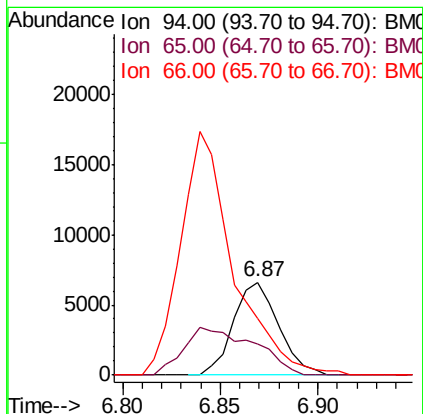
Tgt Ion: 94 Resp: 10557

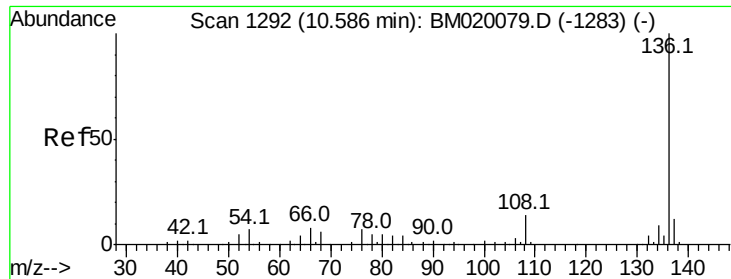
Ion Ratio Lower Upper

94 100

65 33.6 17.0 57.0

66 60.7 34.5 74.5

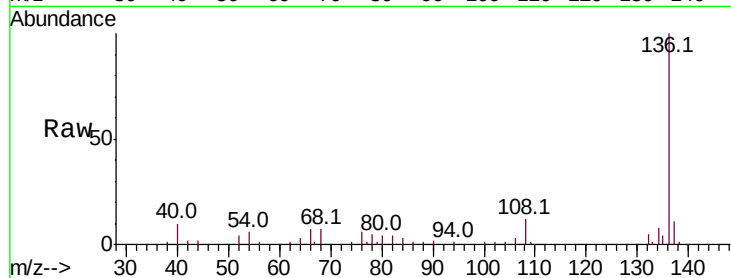




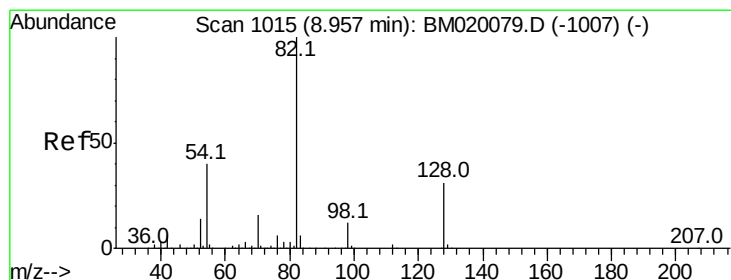
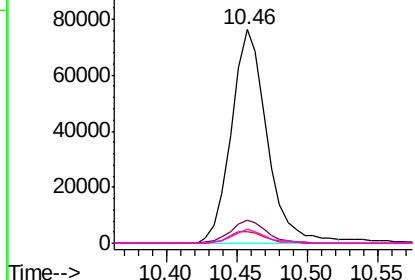
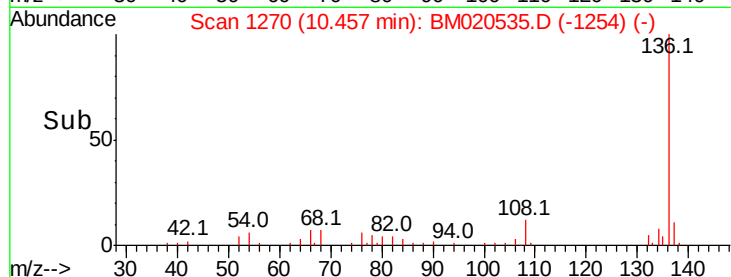
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tot Ion:	136	Resp:	134745
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	5.6	5.5	8.3
68	6.6	4.6	6.8

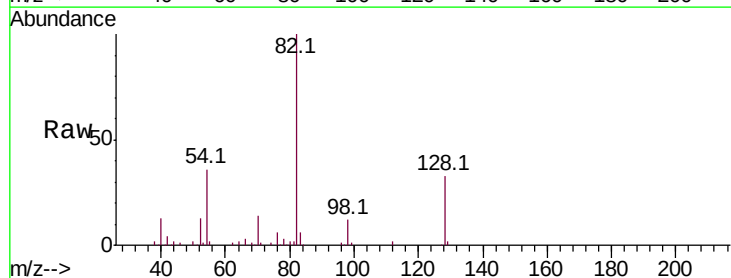


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

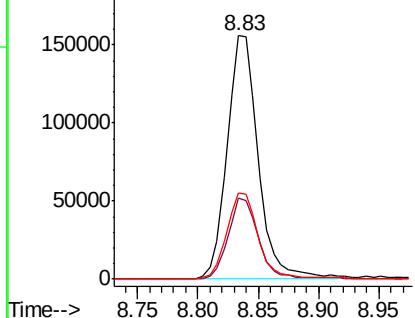
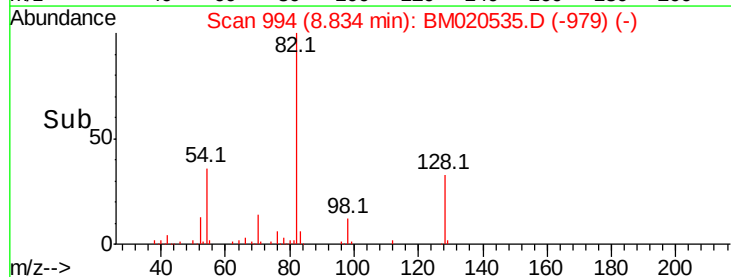


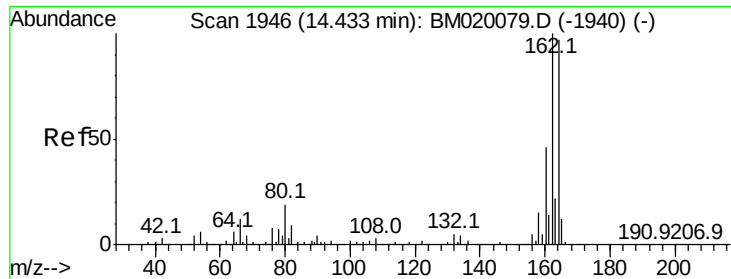
#23
Nitrobenzene-d5
Concen: 82.202 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Tgt Ion:	82	Resp:	280553
Ion	Ratio	Lower	Upper
82	100		
128	33.1	25.2	37.8
54	35.5	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: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM020535.D

Acq: 24 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

COMP-2

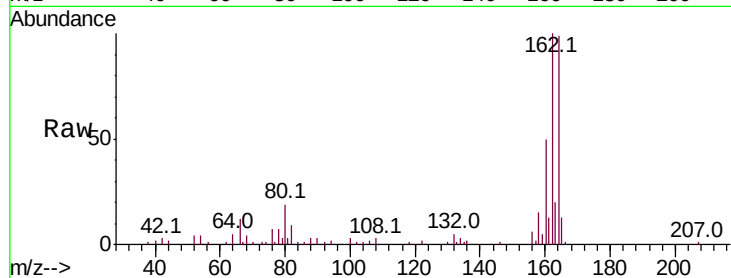
Tot Ion:164 Resp: 78772

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

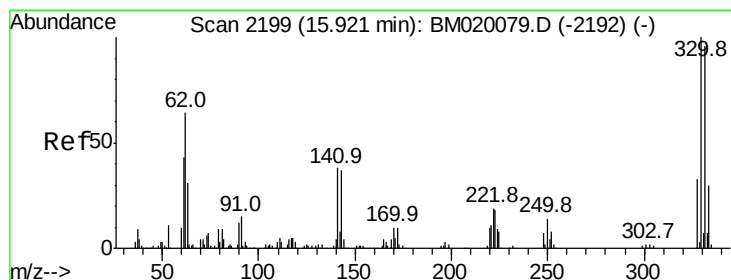
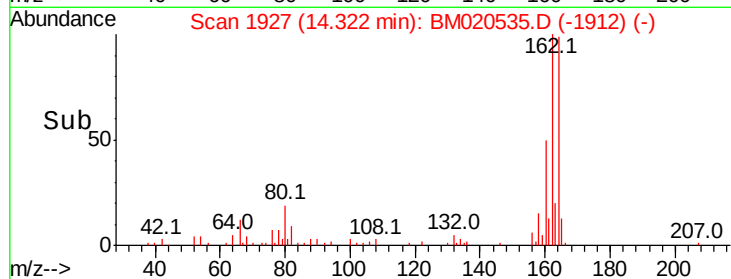
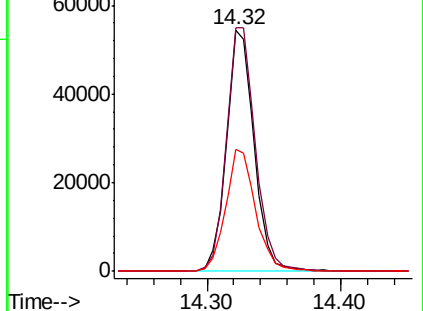
160 50.6 37.6 56.4



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: 141.839 ng

RT: 15.82 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BM020535.D

Acq: 24 May 2019 02:47

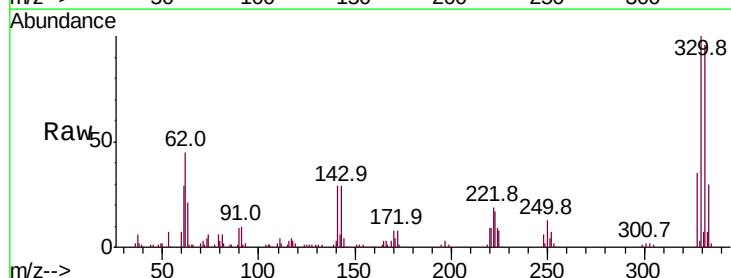
Tgt Ion:330 Resp: 173425

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

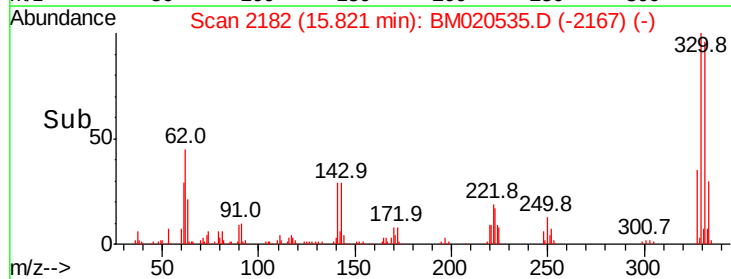
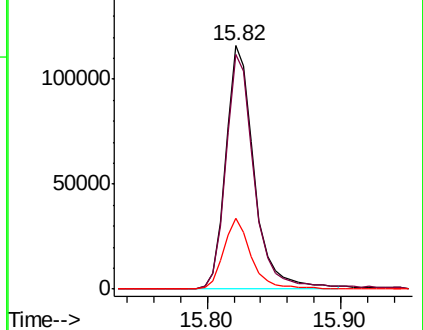
141 28.4 29.2 43.8#

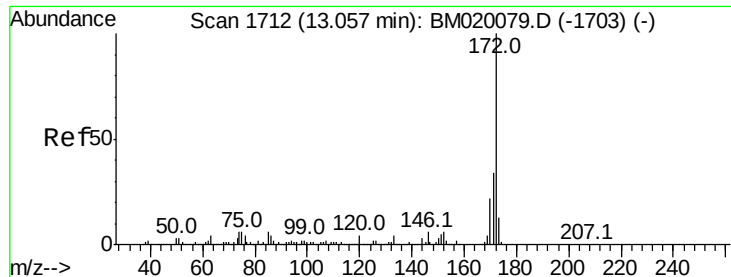


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

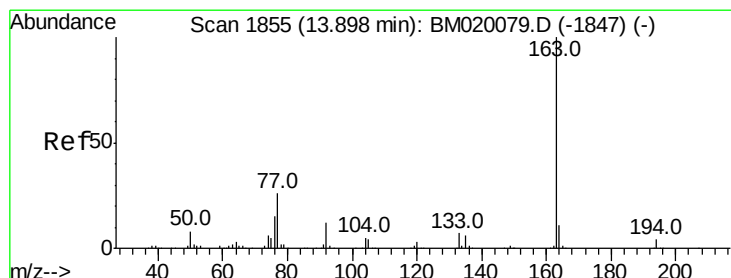
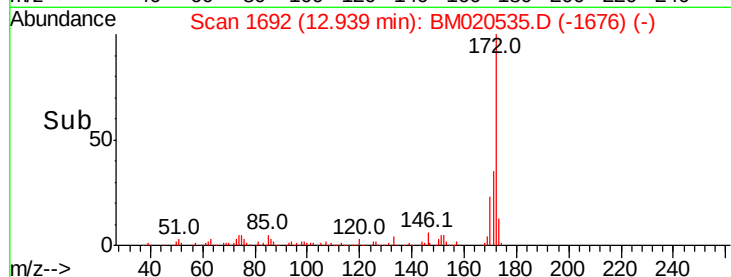
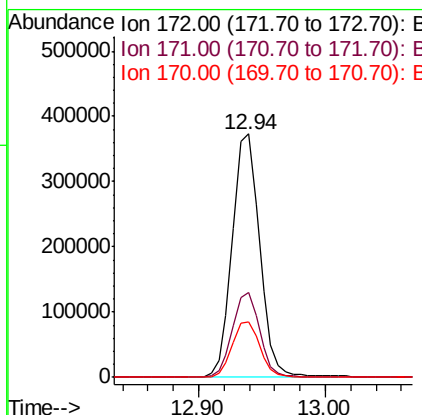
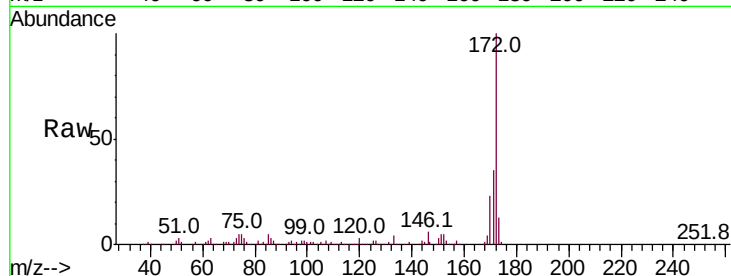




#45
2-Fluorobiphenyl
Concen: 87.628 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

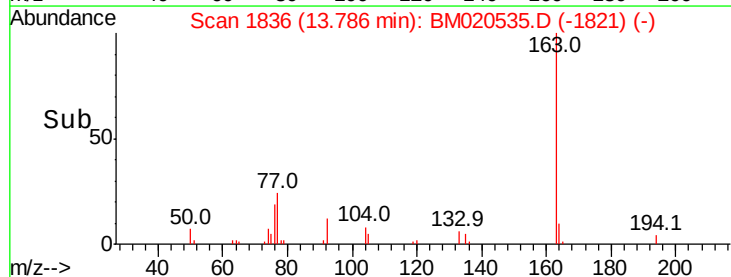
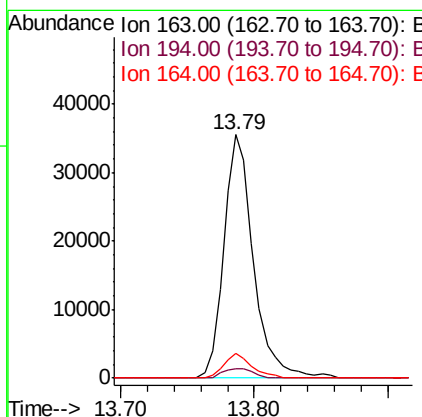
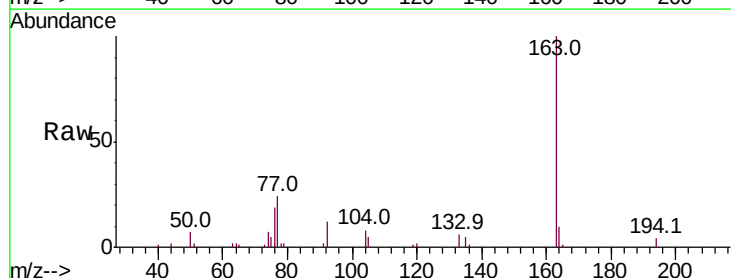
Instrument :
BNA_M
ClientSampleId :
COMP-2

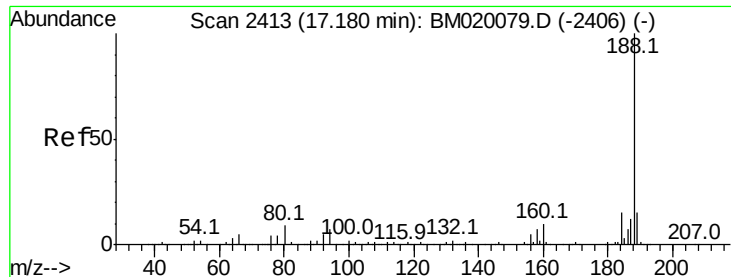
Tot Ion:172 Resp: 561025
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 22.7 17.9 26.9



#50
Dimethylphthalate
Concen: 8.237 ng
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Tgt Ion:163 Resp: 55147
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.2 8.4 12.6

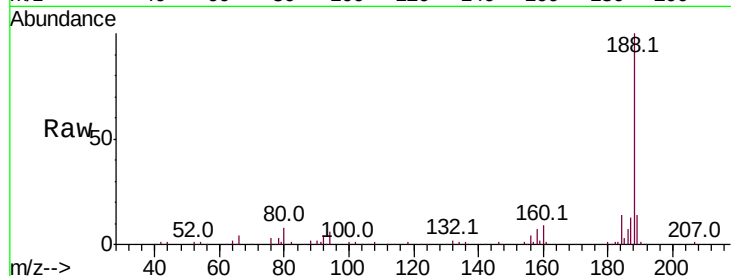




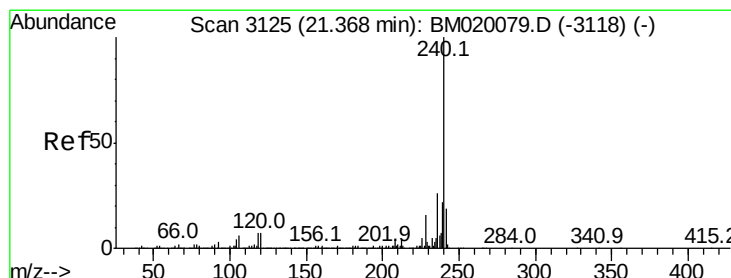
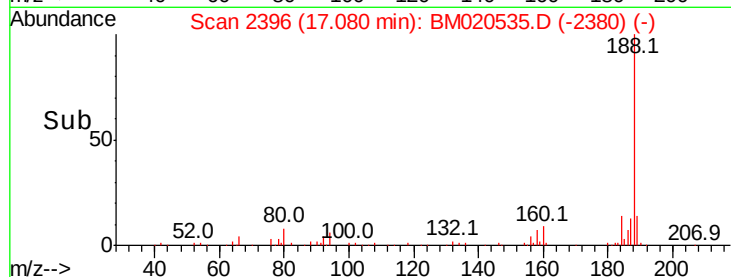
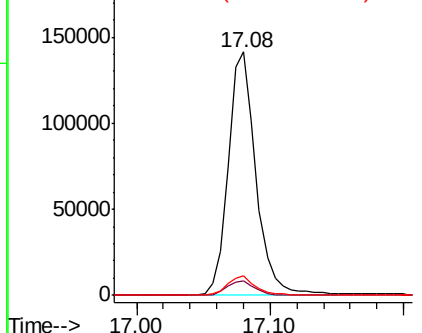
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tot Ion:188 Resp: 206339
Ion Ratio Lower Upper
188 100
94 5.9 5.8 8.6
80 7.9 7.4 11.2

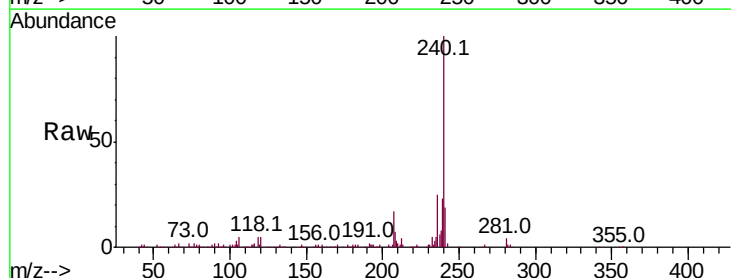


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

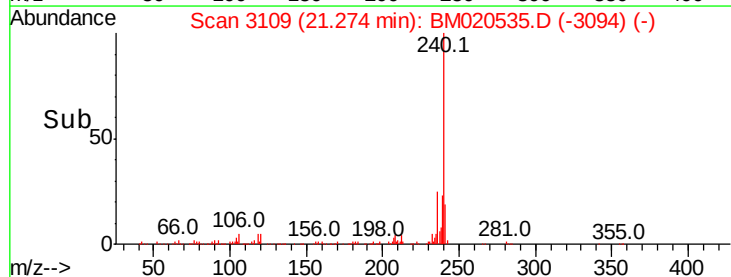
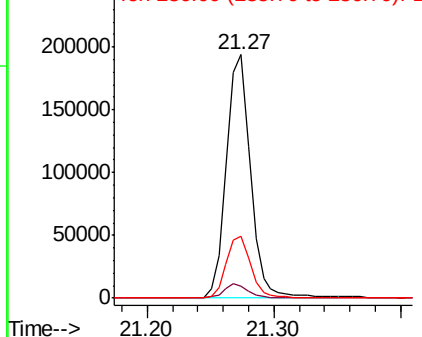


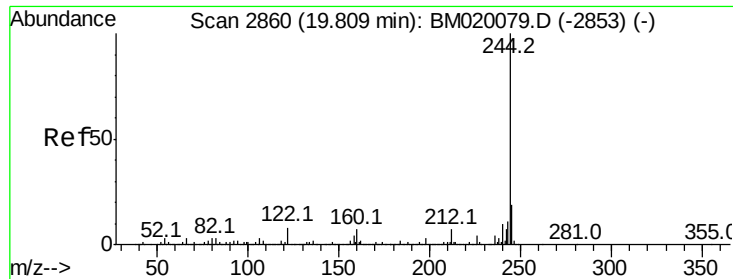
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020535.D
Acq: 24 May 2019 02:47

Tgt Ion:240 Resp: 257077
Ion Ratio Lower Upper
240 100
120 5.0 5.6 8.4#
236 25.2 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: 75.736 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM020535.D

Acq: 24 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

COMP-2

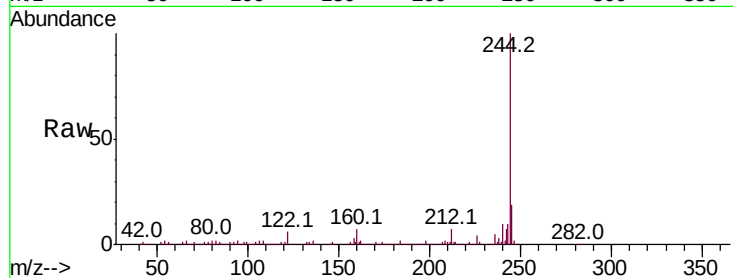
Tot Ion:244 Resp: 1116261

Ion Ratio Lower Upper

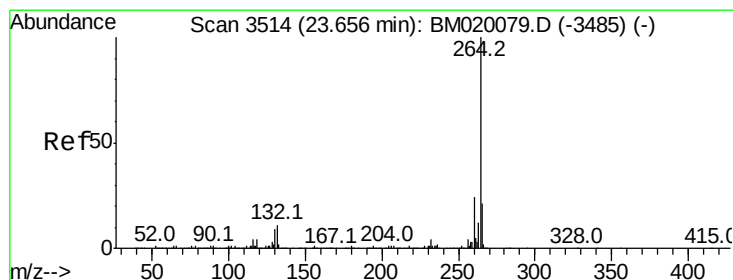
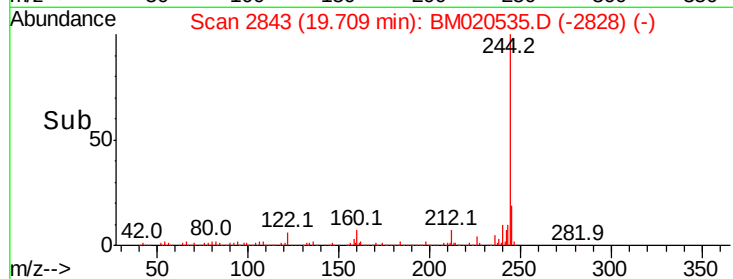
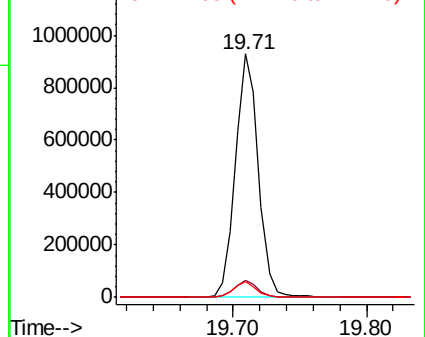
244 100

212 6.8 5.7 8.5

122 6.3 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: 23.52 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020535.D

Acq: 24 May 2019 02:47

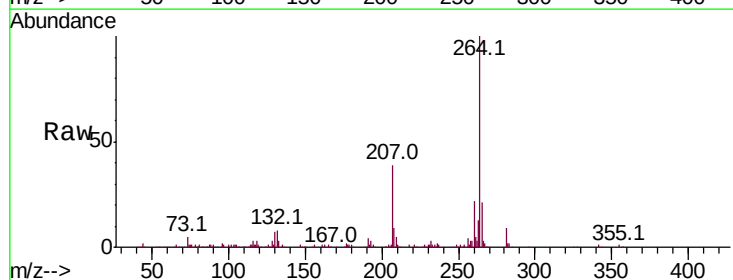
Tgt Ion:264 Resp: 316410

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.2 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

