

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020146.D
 Acq On : 06 May 2019 21:26
 Operator : JU/SJ
 Sample : K2674-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SV28545L

Quant Time: May 07 05:19:10 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

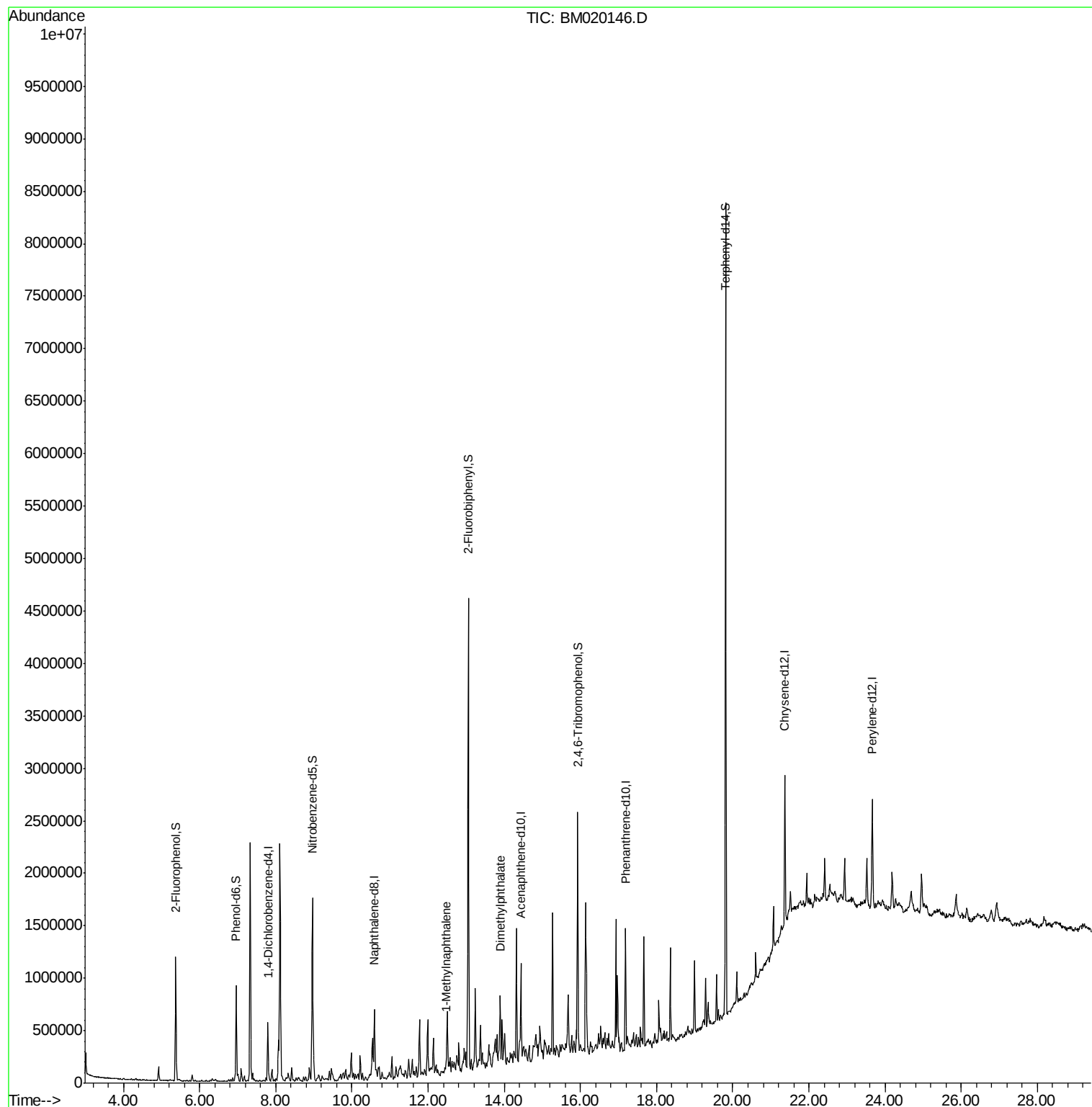
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	136435	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	480735	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	278581	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	624523	20.00	ng	0.00
76) Chrysene-d12	21.37	240	643833	20.00	ng	0.00
87) Perylene-d12	23.67	264	755248	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	434759	52.09	ng	0.00
7) Phenol-d6	6.96	99	503917	44.19	ng	0.01
23) Nitrobenzene-d5	8.96	82	1049121	86.16	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	422275	97.66	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2202328	97.27	ng	0.00
79) Terphenyl-d14	19.81	244	3494154	94.66	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.47	142	37940	2.133	ng	Qvalue # 94
50) Dimethylphthalate	13.89	163	62938	2.658	ng	# 98

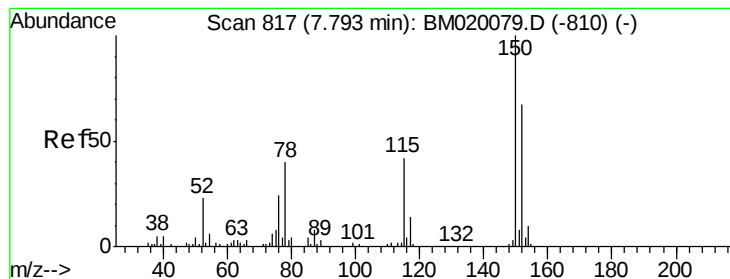
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.79 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

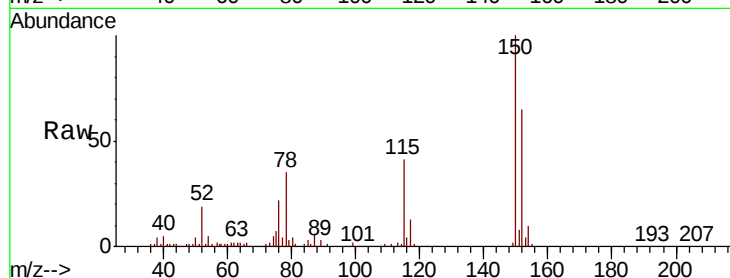
Tot Ion:152 Resp: 136435

Ion Ratio Lower Upper

152 100

150 153.0 119.8 179.8

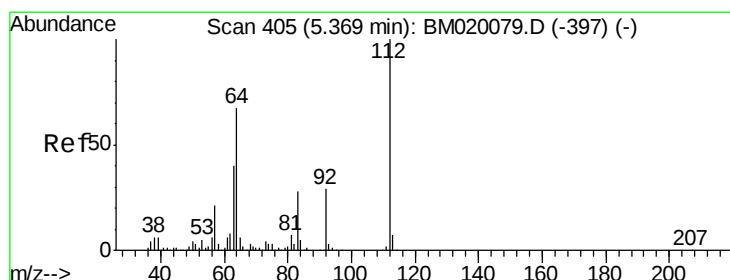
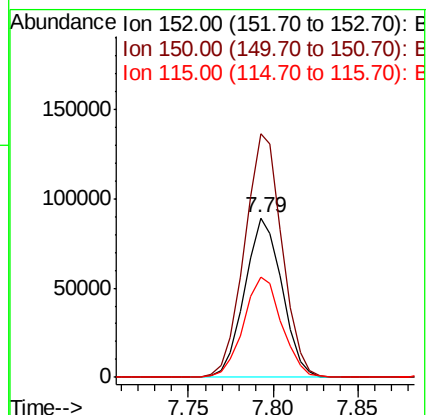
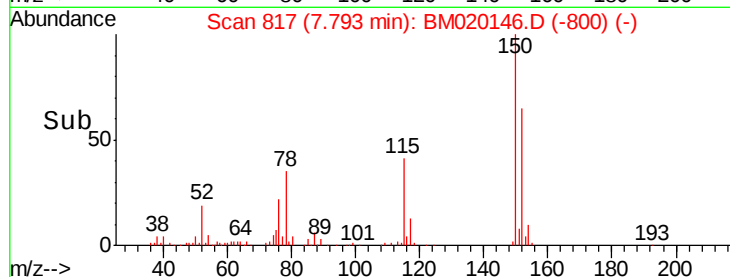
115 62.8 50.8 76.2



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: 52.087 ng

RT: 5.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

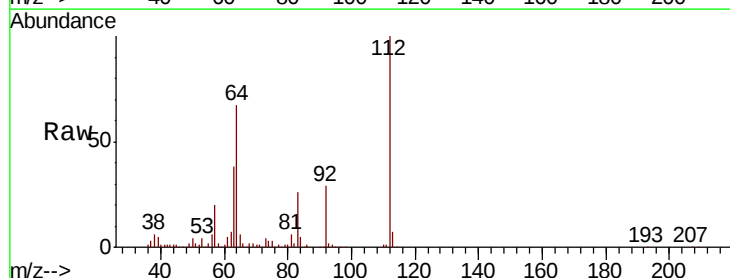
Tgt Ion:112 Resp: 434759

Ion Ratio Lower Upper

112 100

64 67.4 53.8 80.6

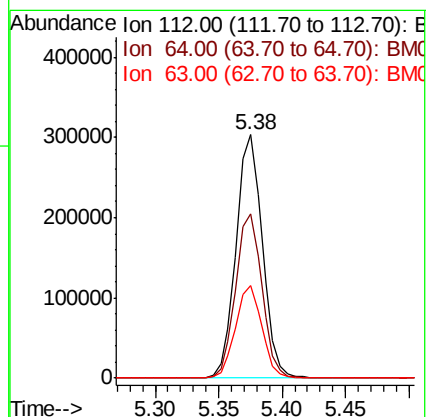
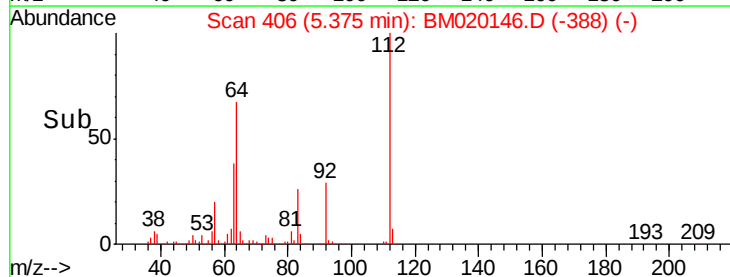
63 38.1 32.3 48.5

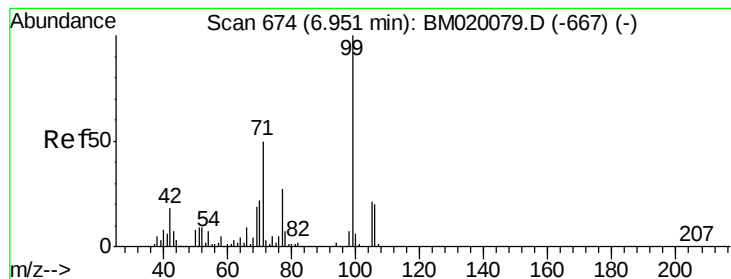


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 44.192 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

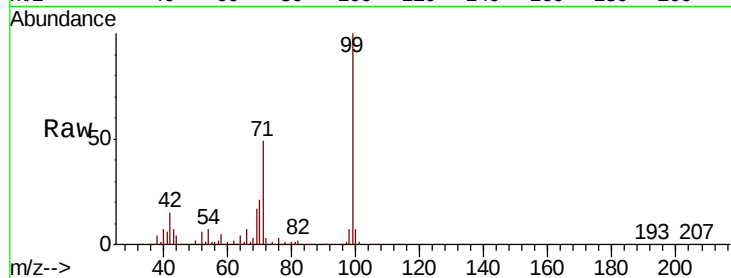
Tot Ion: 99 Resp: 503917

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

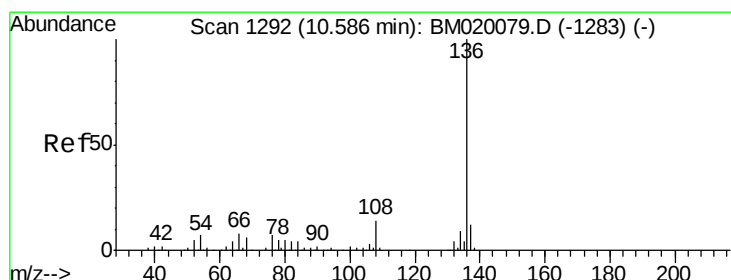
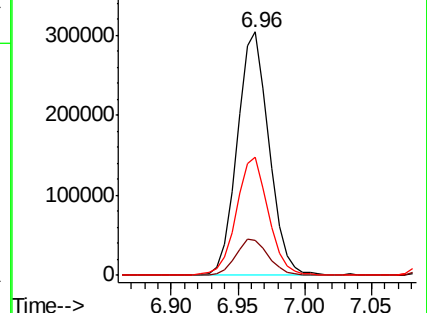
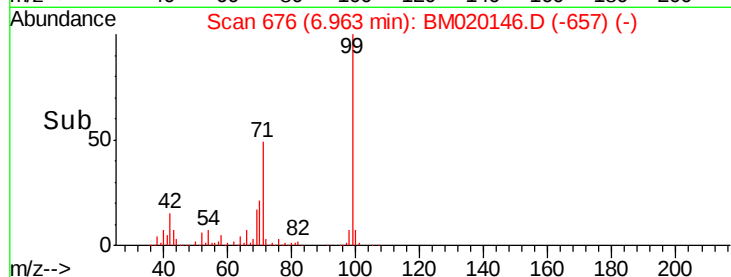
71 48.7 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Tgt Ion: 136 Resp: 480735

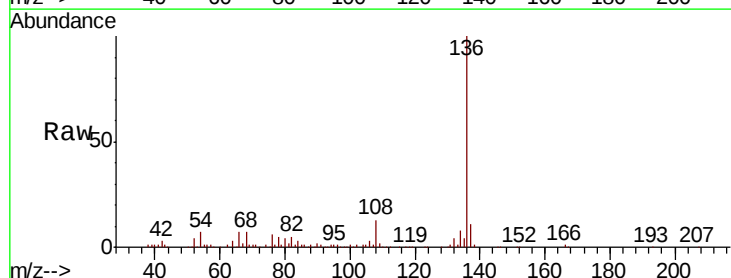
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 6.6 5.5 8.3

68 6.6 4.6 6.8

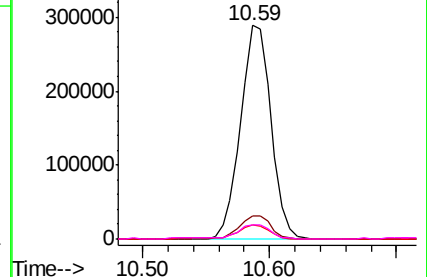
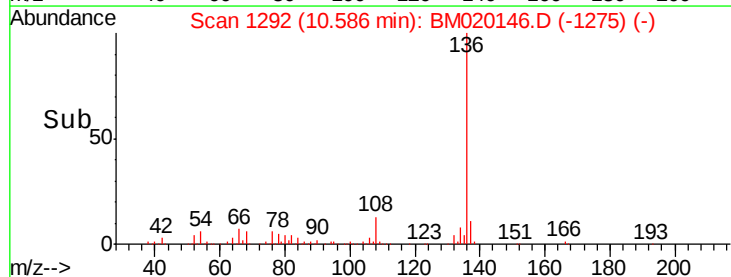


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

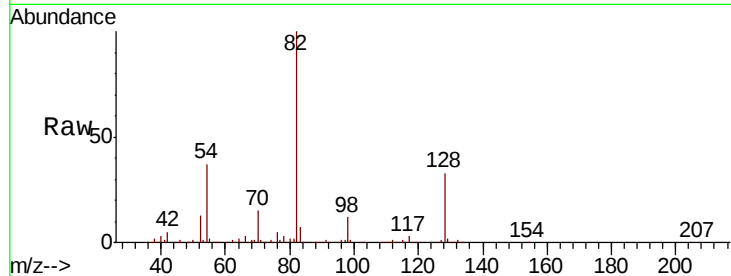




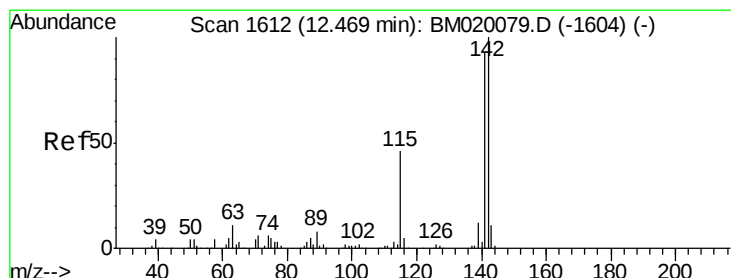
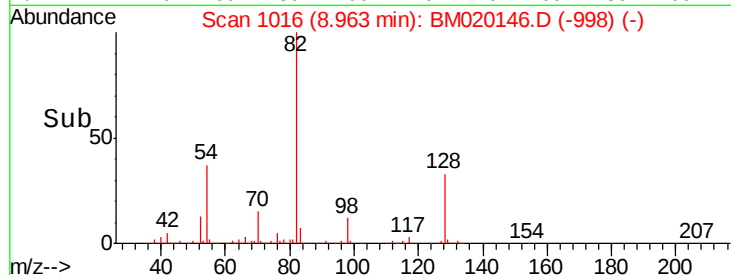
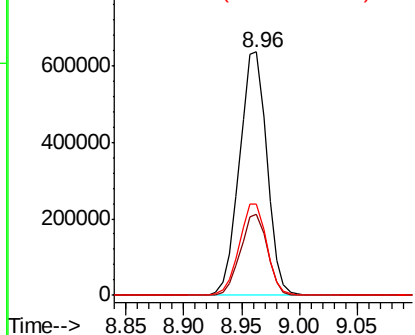
#23
 Nitrobenzene-d5
 Concen: 86.158 ng
 RT: 8.96 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BM020146.D
 Acq: 06 May 2019 21:26

Instrument :
 BNA_M
 ClientSampleId :
 SV28545L

Tot Ion: 82 Resp: 1049121
 Ion Ratio Lower Upper
 82 100
 128 33.4 25.2 37.8
 54 37.5 31.9 47.9

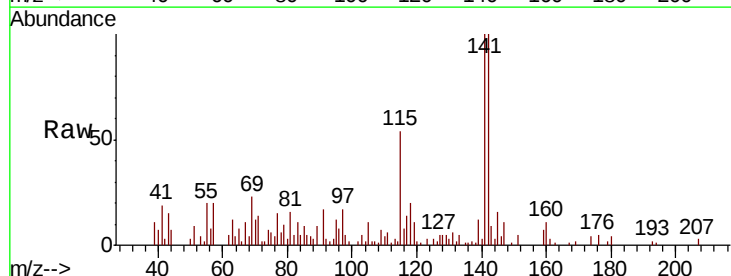


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

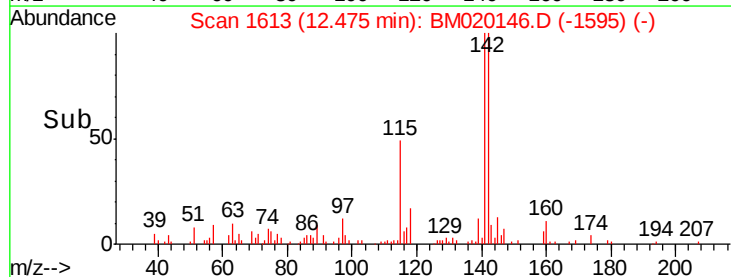
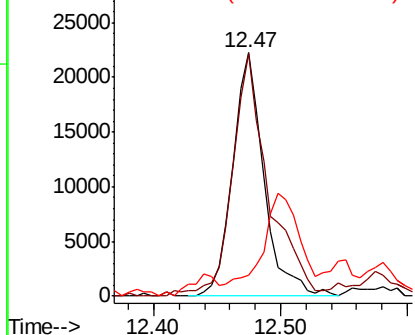


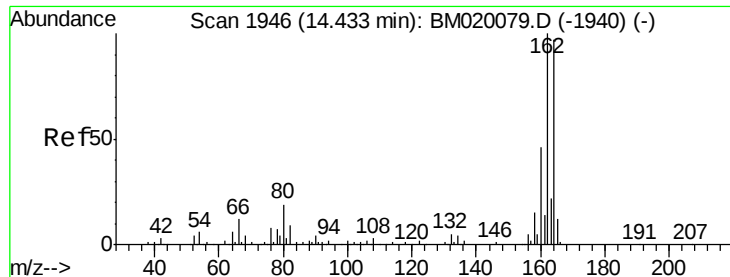
#38
 1-Methylnaphthalene
 Concen: 2.133 ng
 RT: 12.47 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BM020146.D
 Acq: 06 May 2019 21:26

Tgt Ion: 142 Resp: 37940
 Ion Ratio Lower Upper
 142 100
 141 99.5 74.8 112.2
 116 8.5 3.9 5.9#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

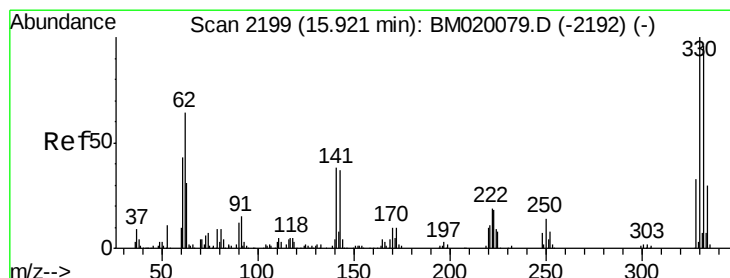
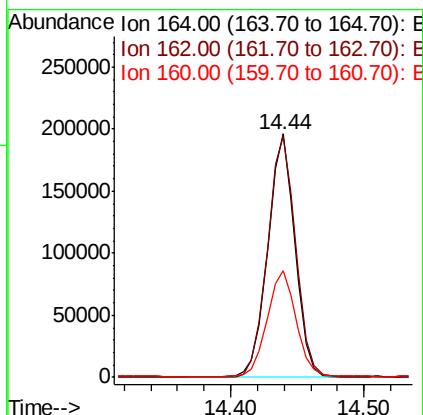
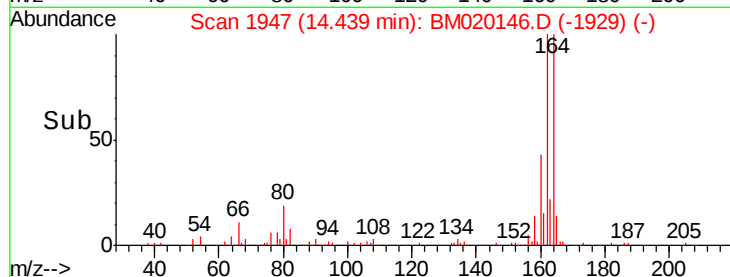
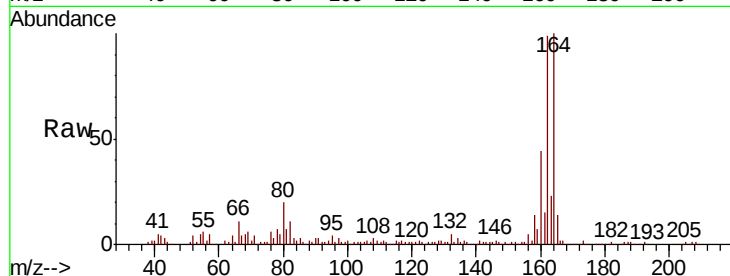
Tot Ion:164 Resp: 278581

Ion Ratio Lower Upper

164 100

162 99.2 82.2 123.2

160 43.6 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 97.656 ng

RT: 15.93 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

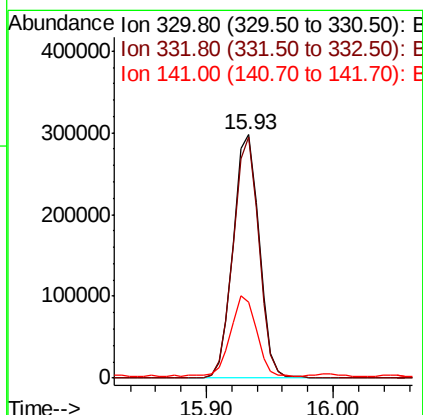
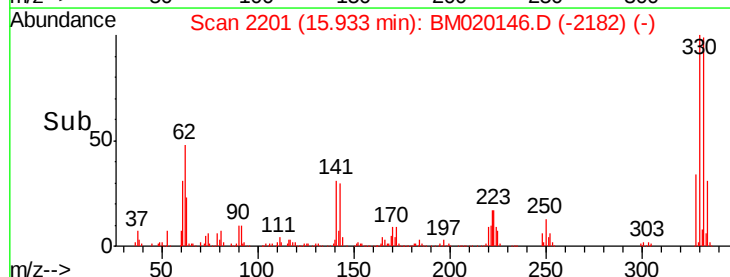
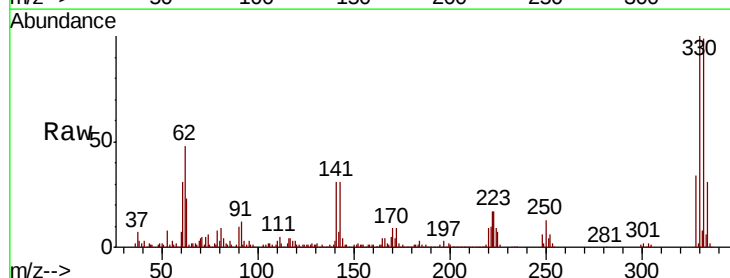
Tgt Ion:330 Resp: 422275

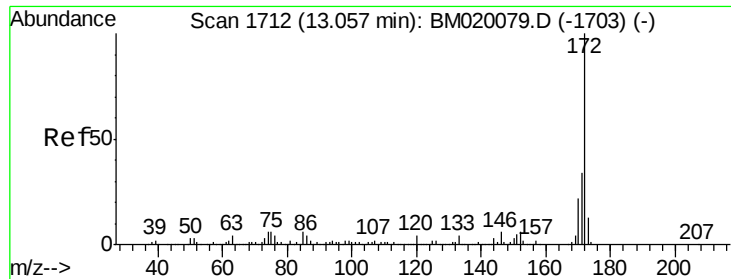
Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

141 33.1 29.2 43.8

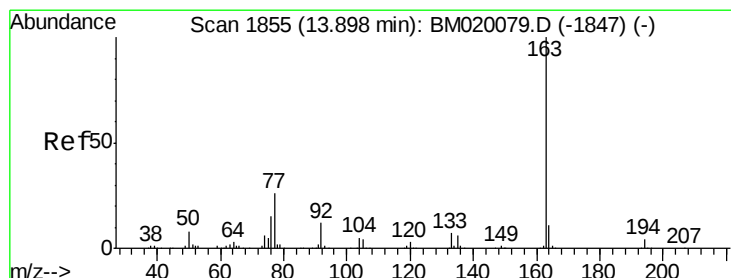
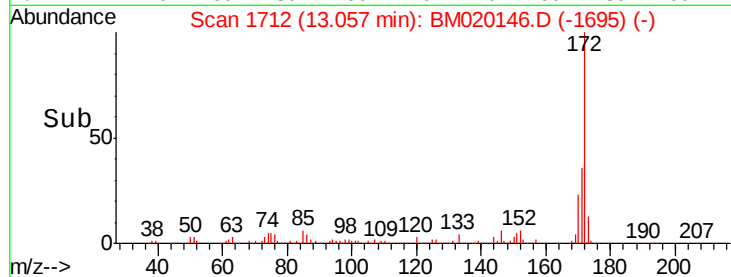
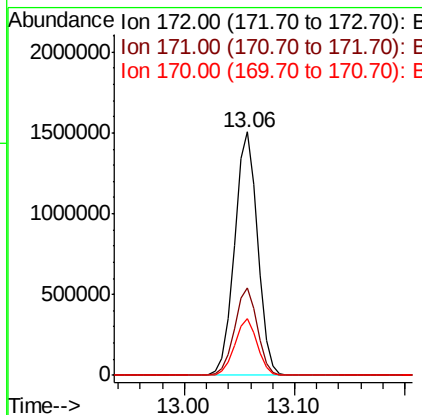
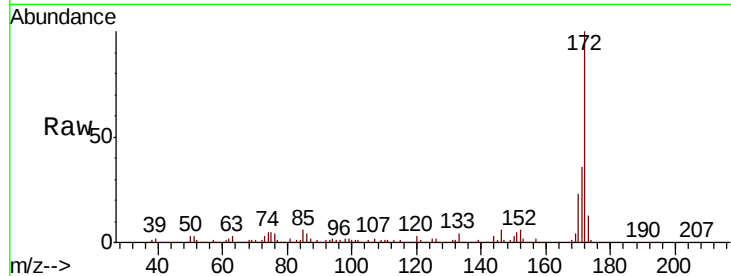




#45
2-Fluorobiphenyl
Concen: 97.267 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

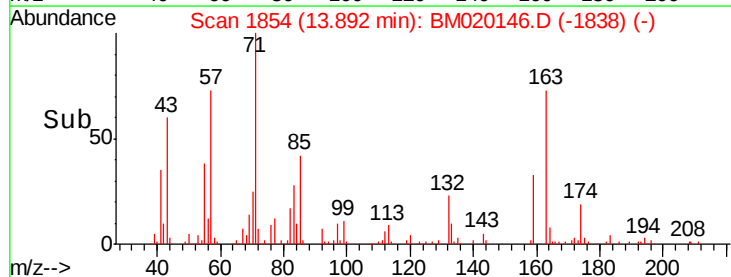
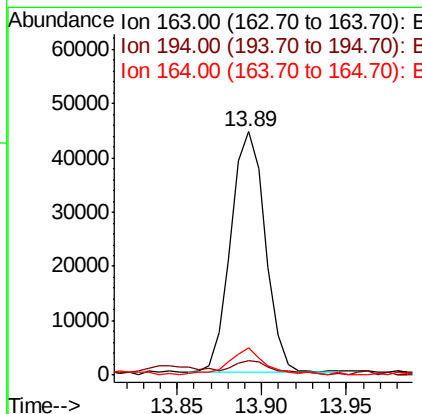
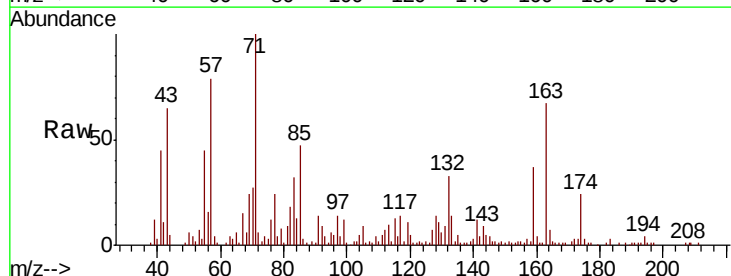
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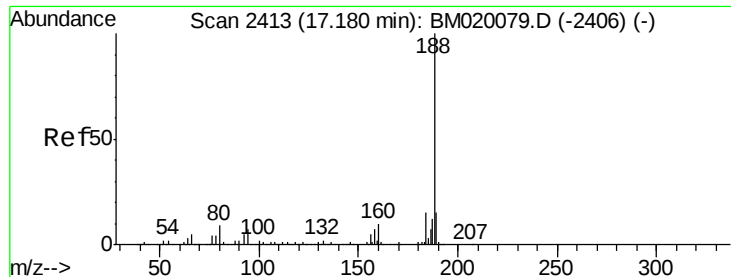
Tot Ion:172 Resp: 2202328
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 23.1 17.9 26.9



#50
Dimethylphthalate
Concen: 2.658 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:163 Resp: 62938
Ion Ratio Lower Upper
163 100
194 6.0 3.6 5.4#
164 11.1 8.4 12.6

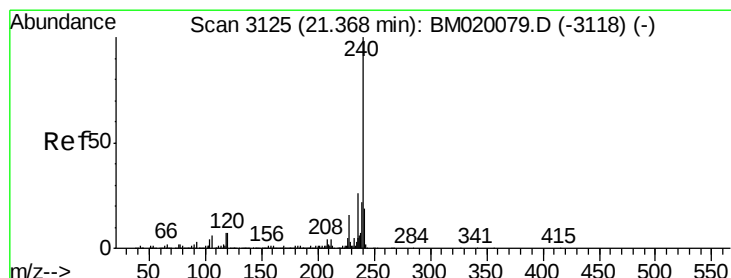
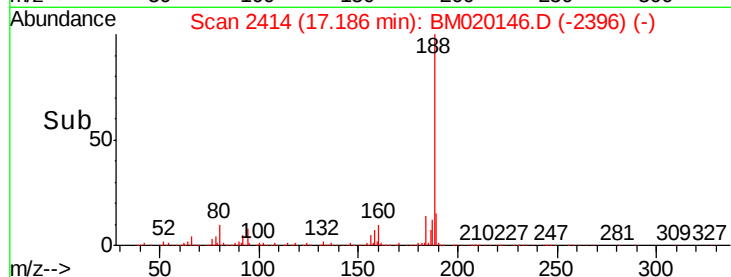
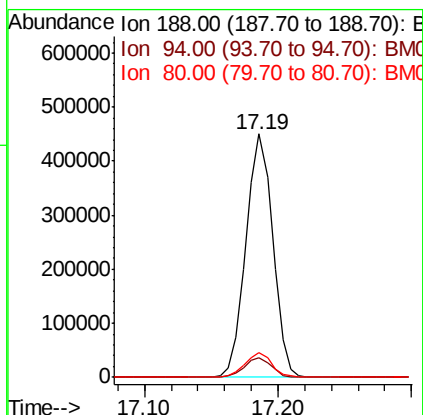
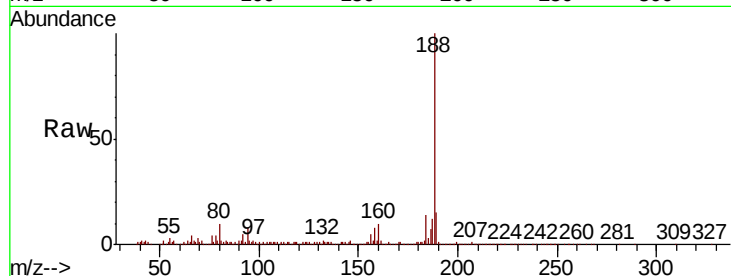




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

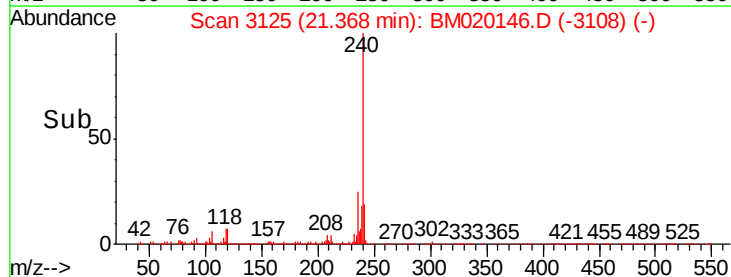
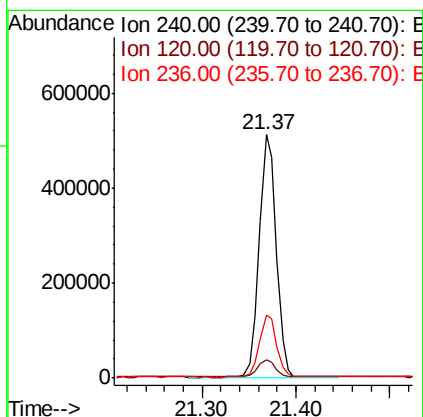
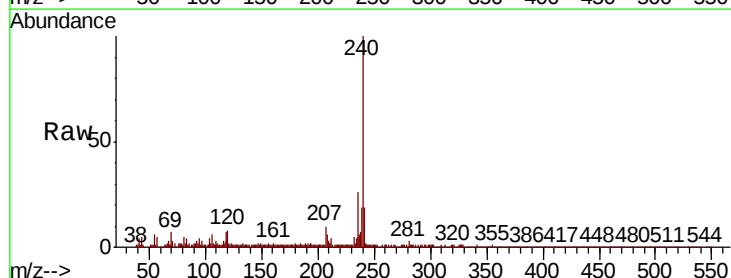
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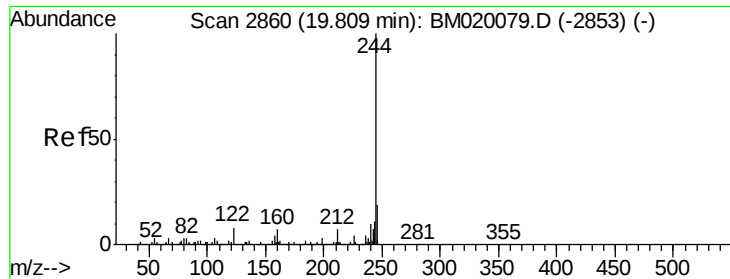
Tot Ion:188 Resp: 624523
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 10.1 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:240 Resp: 643833
Ion Ratio Lower Upper
240 100
120 7.7 5.6 8.4
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 94.661 ng

RT: 19.81 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

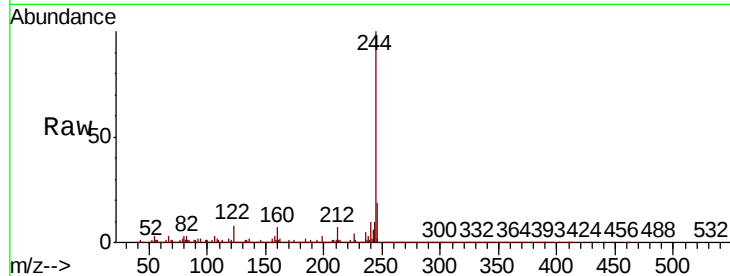
Tot Ion:244 Resp: 3494154

Ion Ratio Lower Upper

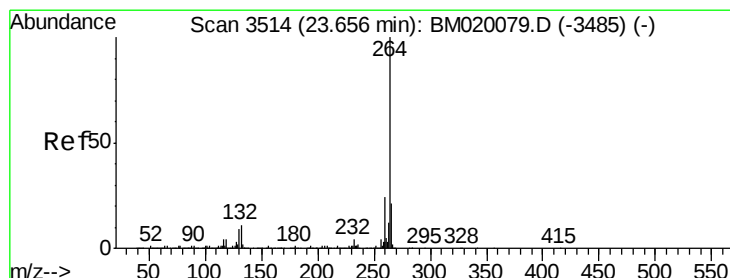
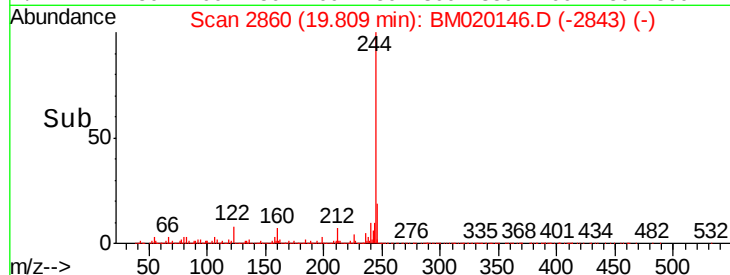
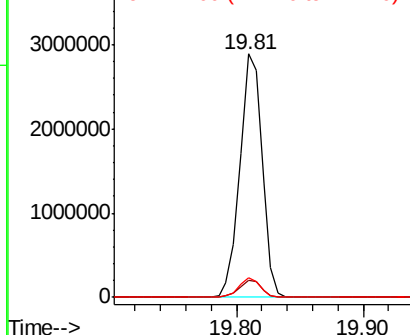
244 100

212 7.0 5.7 8.5

122 8.0 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: 23.67 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

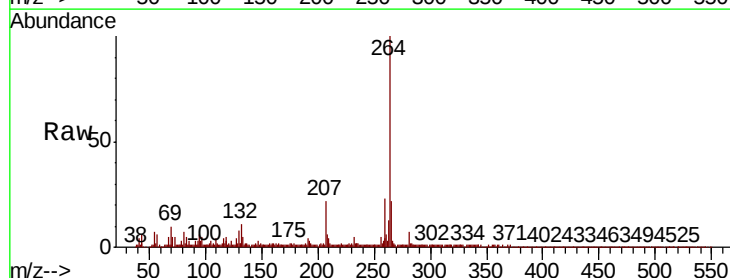
Tgt Ion:264 Resp: 755248

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.1 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

