

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020173.D
 Acq On : 07 May 2019 20:04
 Operator : JU/SJ
 Sample : K2697-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-20190502

Quant Time: May 08 02:10:27 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

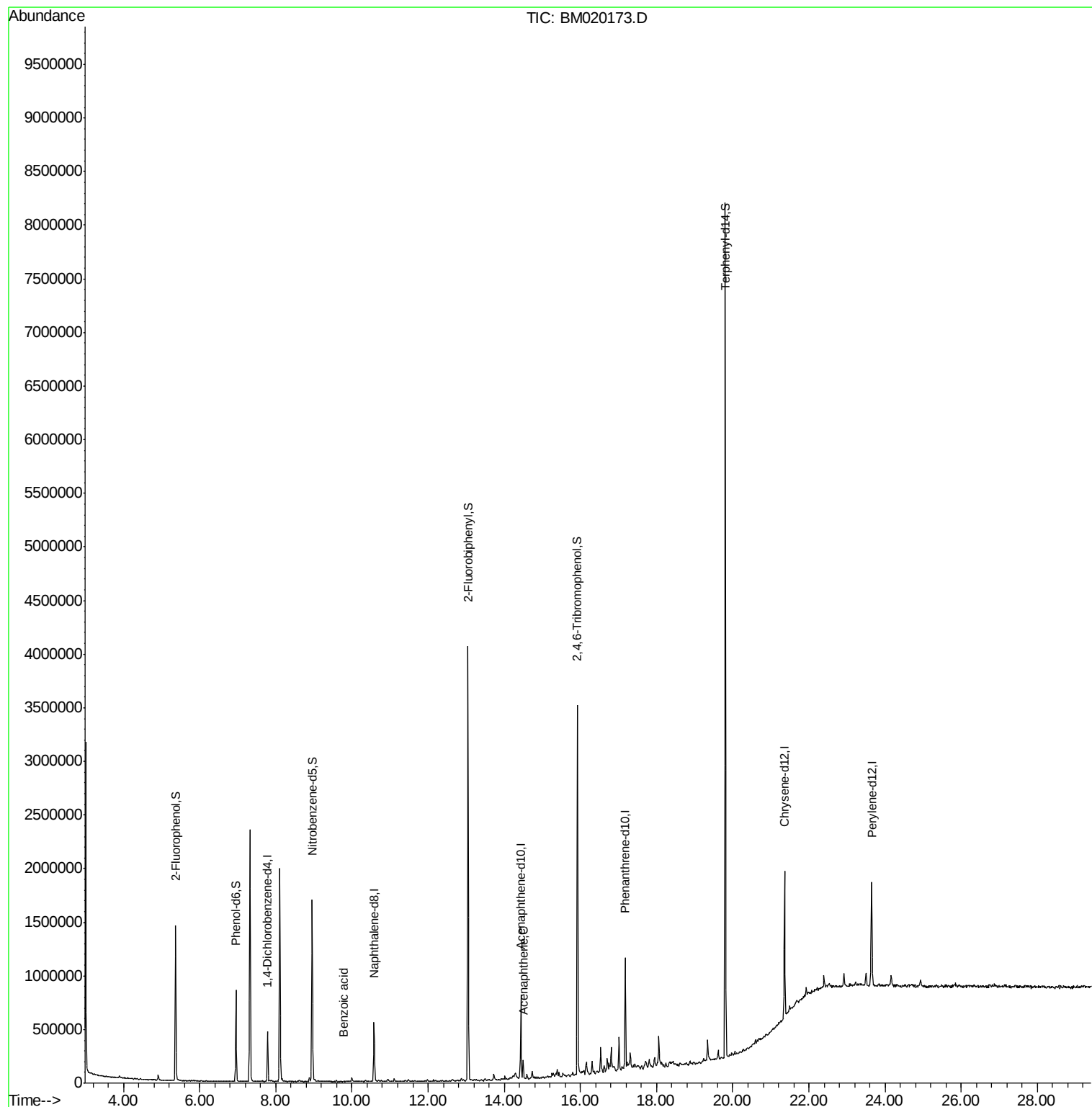
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	114063	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	404684	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	248623	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	590455	20.00	ng	0.00
76) Chrysene-d12	21.36	240	611334	20.00	ng	0.00
87) Perylene-d12	23.65	264	752532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	525863	75.36	ng	0.00
7) Phenol-d6	6.95	99	453643	47.59	ng	0.00
23) Nitrobenzene-d5	8.96	82	1080317	105.39	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	612853	158.81	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1963855	97.19	ng	0.00
79) Terphenyl-d14	19.80	244	3645483	104.01	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	110	6.636	ng	Qvalue # 40
52) Acenaphthene	14.50	154	56402	3.761	ng	98

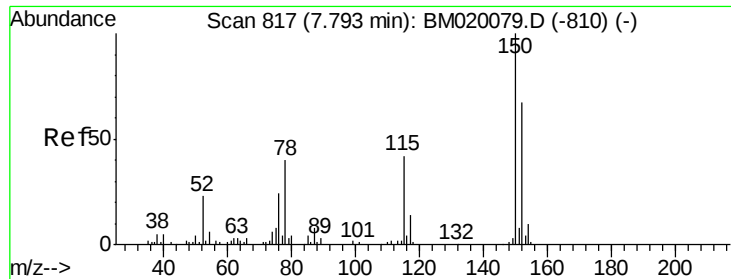
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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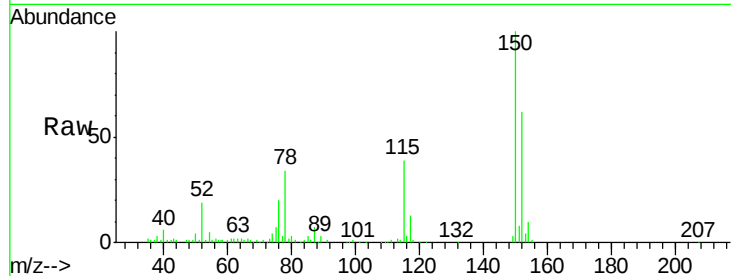


#1

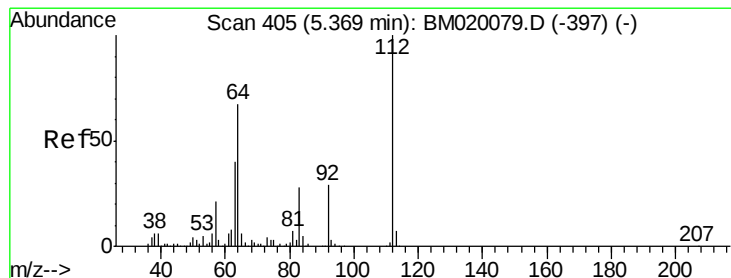
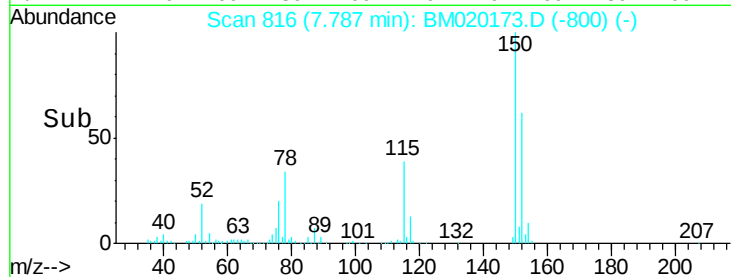
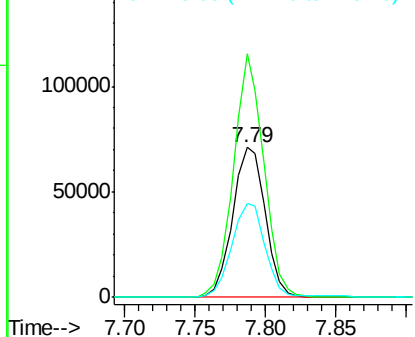
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Instrument :
BNA_M
ClientSampleId :
MW-1-20190502

Tot Ion:152 Resp: 114063
Ion Ratio Lower Upper
152 100
150 162.2 119.8 179.8
115 62.9 50.8 76.2



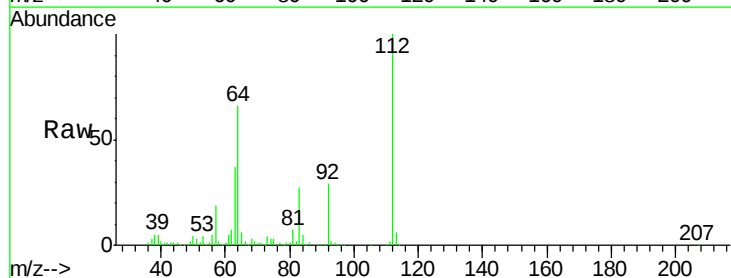
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



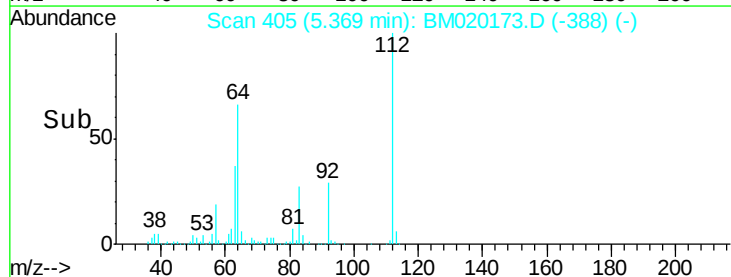
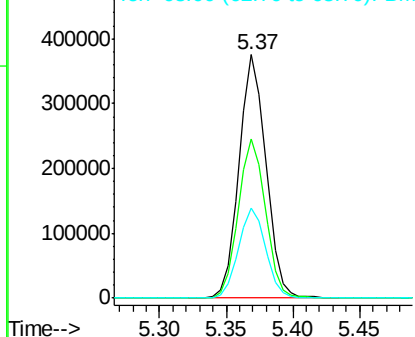
#5

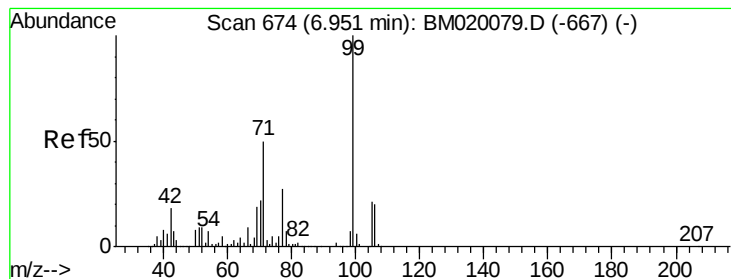
2-Fluorophenol
Concen: 75.359 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion:112 Resp: 525863
Ion Ratio Lower Upper
112 100
64 65.6 53.8 80.6
63 36.8 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: 47.586 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Instrument :

BNA_M

ClientSampleId :

MW-1-20190502

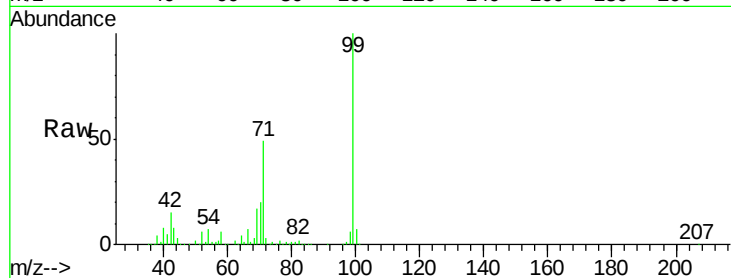
Tot Ion: 99 Resp: 453643

Ion Ratio Lower Upper

99 100

42 15.5 14.2 21.2

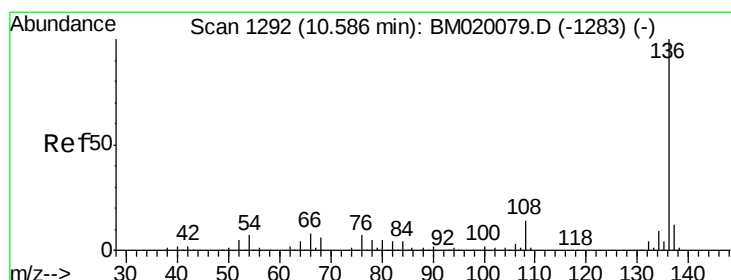
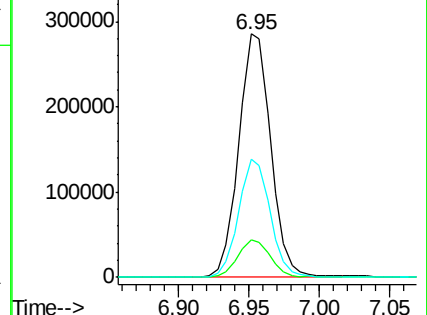
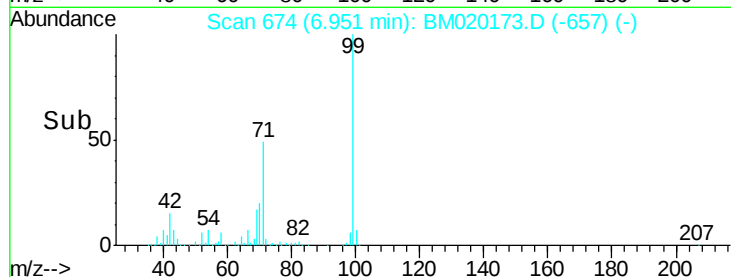
71 48.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020173.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020173.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020173.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Tgt Ion: 136 Resp: 404684

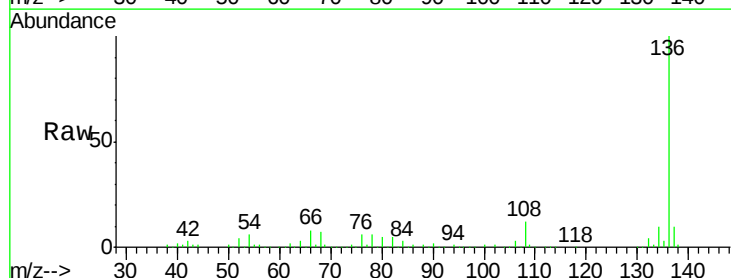
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 6.2 5.5 8.3

68 6.9 4.6 6.8#

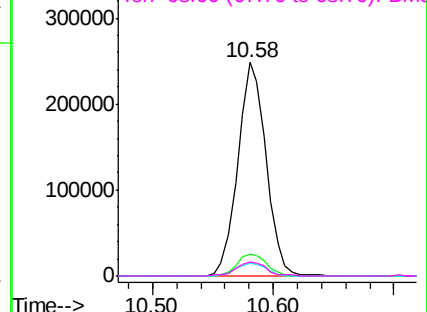
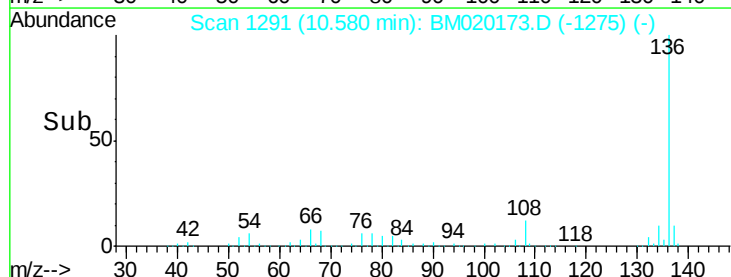


Abundance Ion 136.00 (135.70 to 136.70): BM020173.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020173.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020173.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020173.D (-1275) (-)

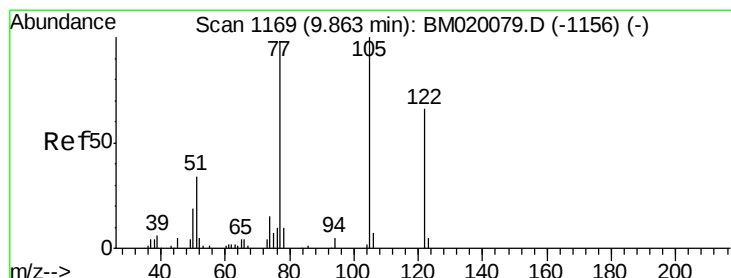
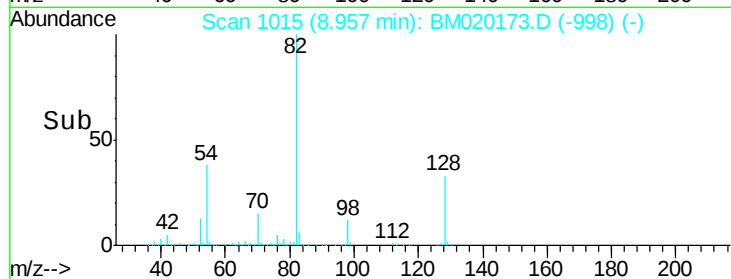
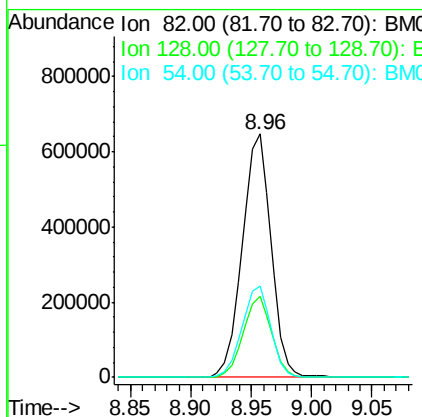
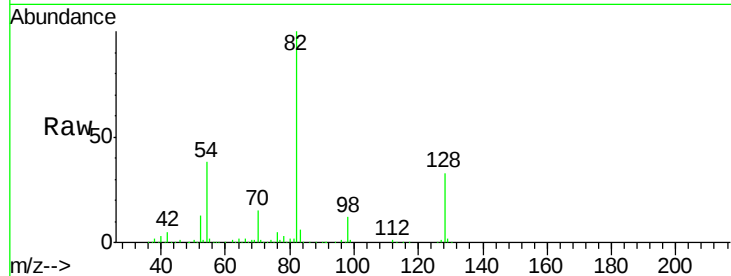




#23
Nitrobenzene-d5
Concen: 105.393 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

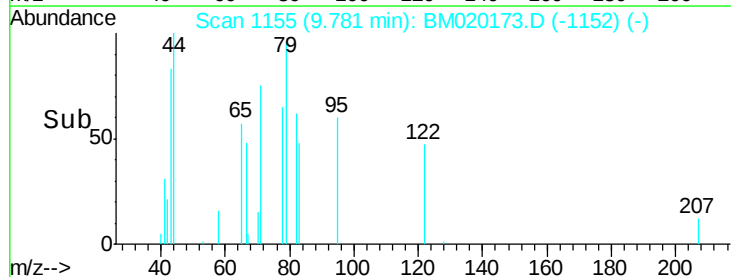
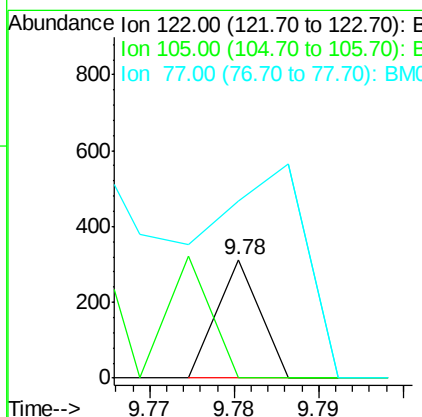
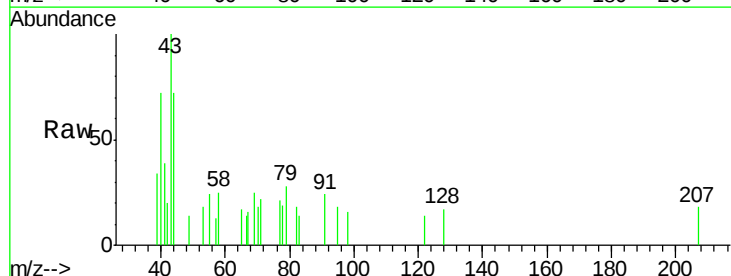
Instrument :
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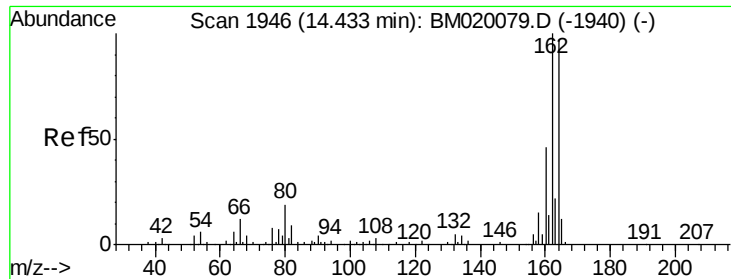
Tot Ion: 82 Resp: 1080317
Ion Ratio Lower Upper
82 100
128 33.4 25.2 37.8
54 37.8 31.9 47.9



#32
Benzoic acid
Concen: 6.636 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.08 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion: 122 Resp: 110
Ion Ratio Lower Upper
122 100
105 0.0 122.5 162.5#
77 150.0 123.3 163.3

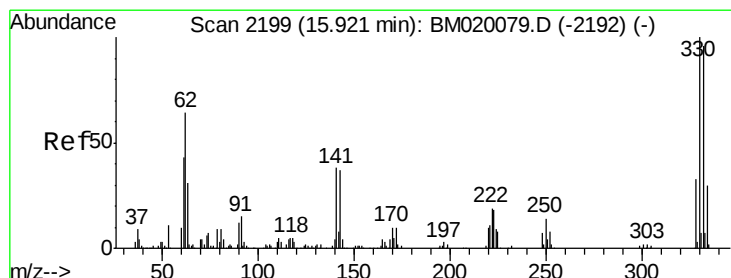
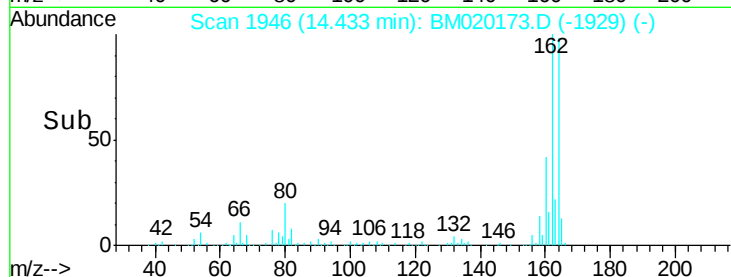
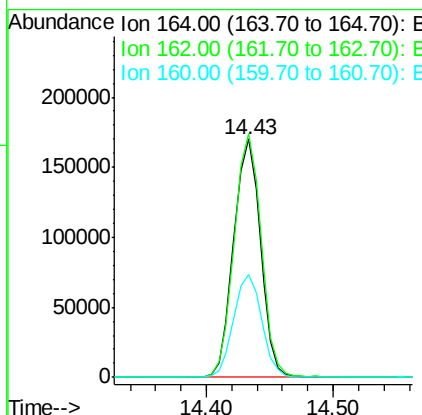
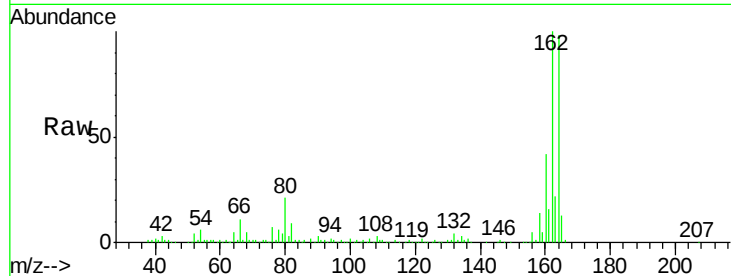




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

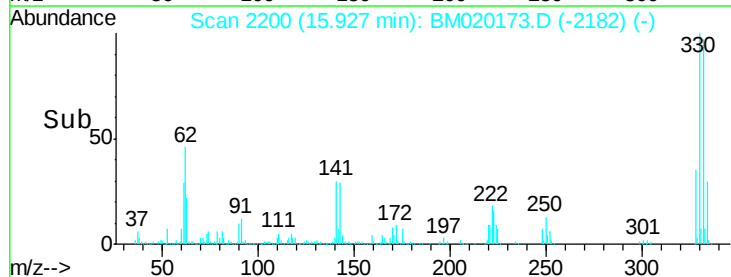
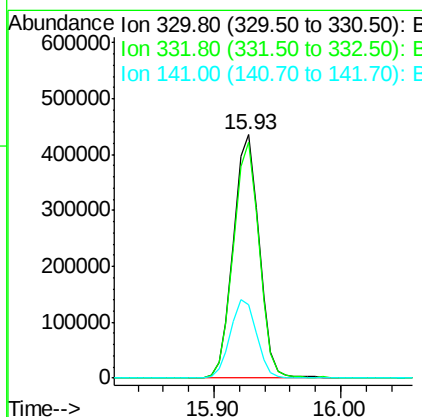
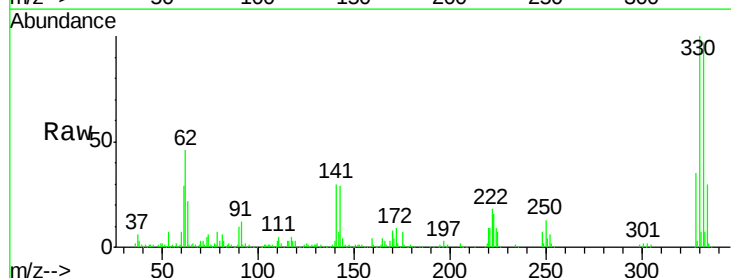
Instrument :
BNA_M
ClientSampleId :
MW-1-20190502

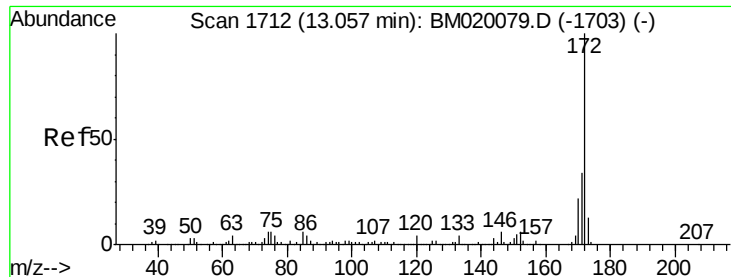
Tot Ion:164 Resp: 248623
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 43.1 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 158.807 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion:330 Resp: 612853
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 33.2 29.2 43.8

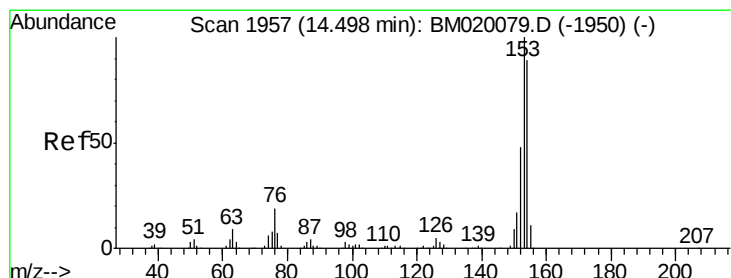
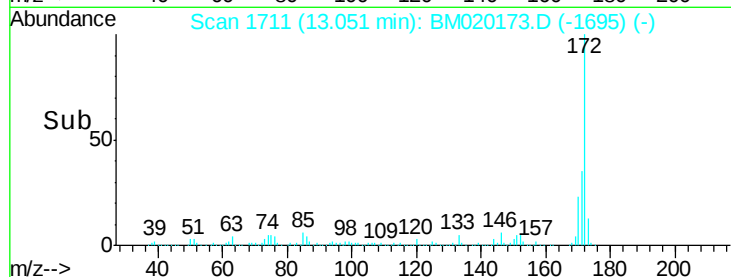
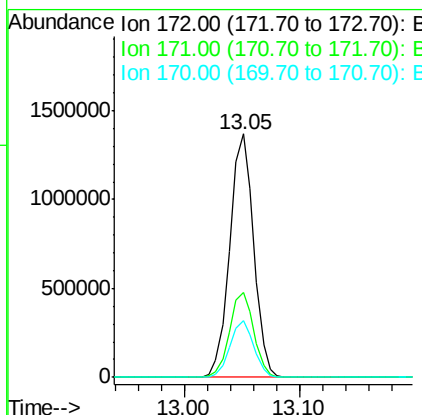
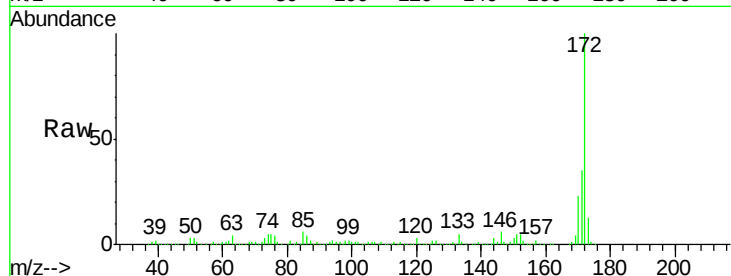




#45
2-Fluorobiphenyl
Concen: 97.186 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

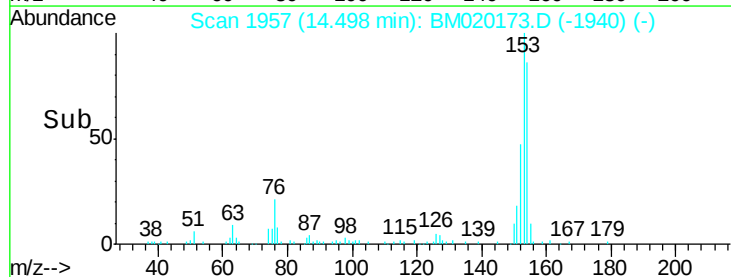
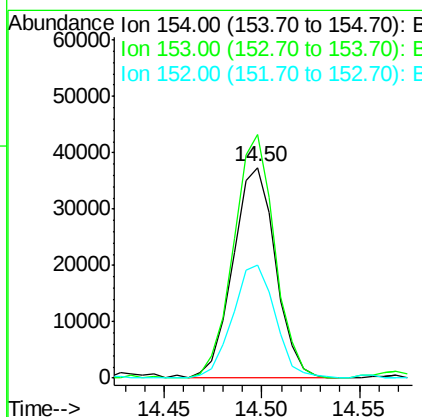
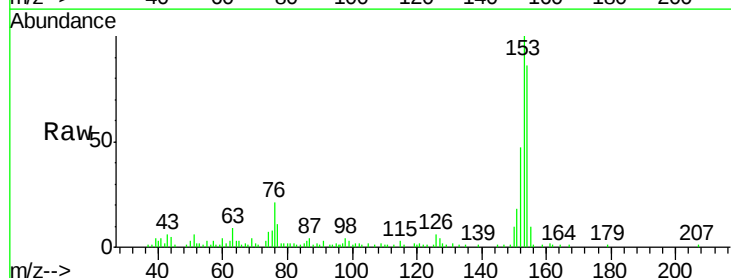
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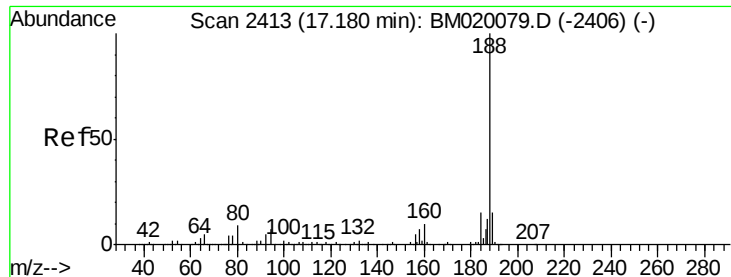
Tot Ion:172 Resp: 1963855
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.1 17.9 26.9



#52
Acenaphthene
Concen: 3.761 ng
RT: 14.50 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion:154 Resp: 56402
Ion Ratio Lower Upper
154 100
153 115.6 90.2 135.2
152 54.0 43.0 64.4

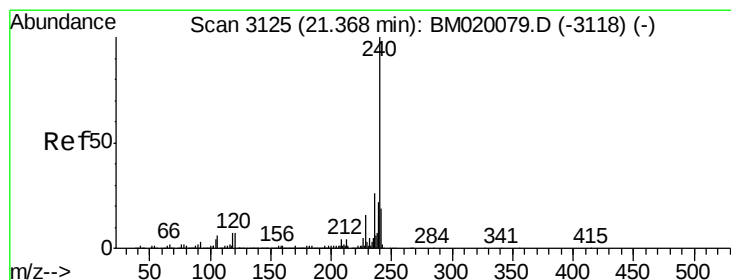
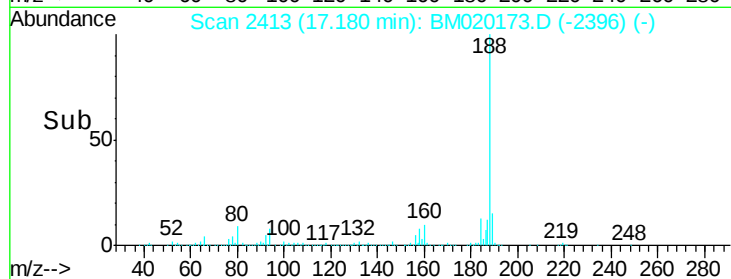
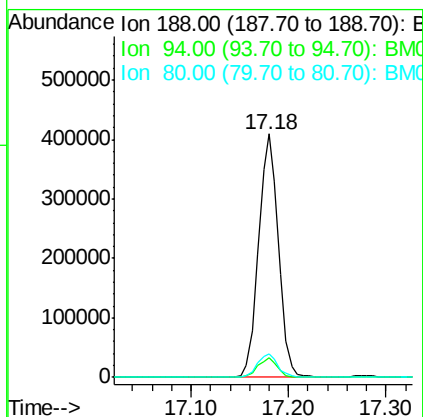
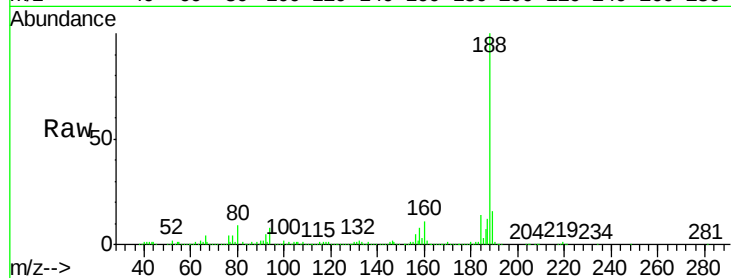




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

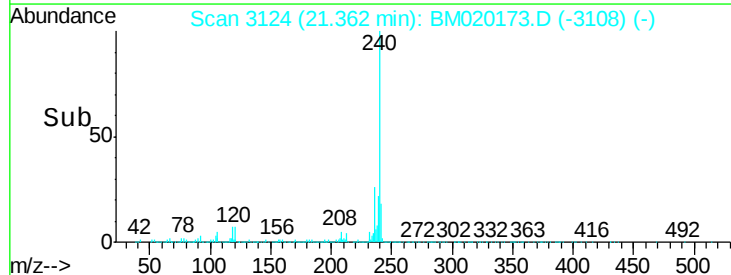
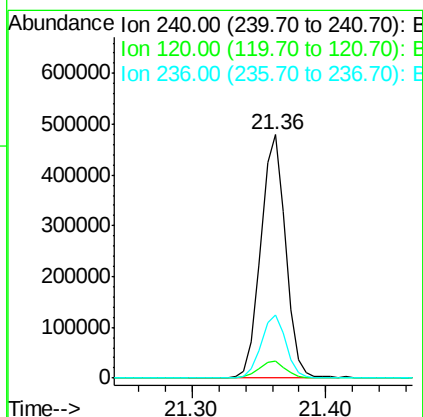
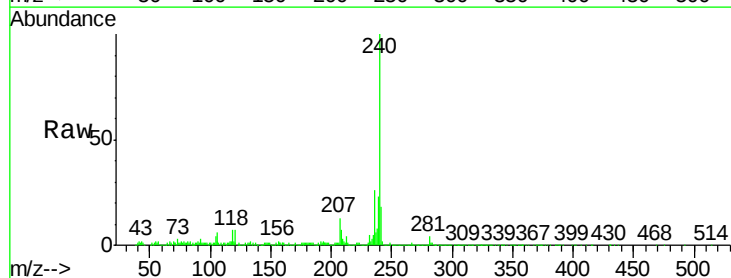
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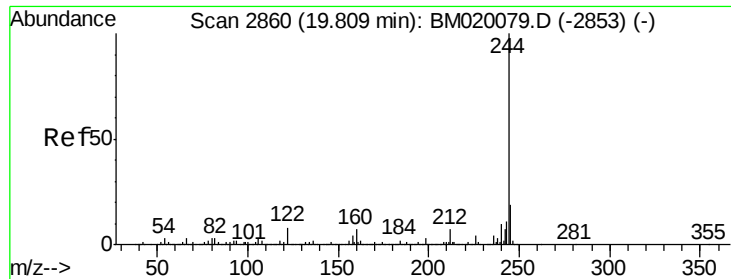
Tot Ion:188 Resp: 590455
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.4 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion:240 Resp: 611334
Ion Ratio Lower Upper
240 100
120 7.3 5.6 8.4
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 104.011 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Instrument :

BNA_M

ClientSampleId :

MW-1-20190502

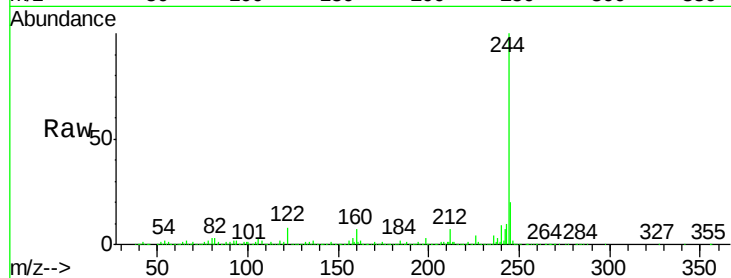
Tot Ion:244 Resp: 3645483

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

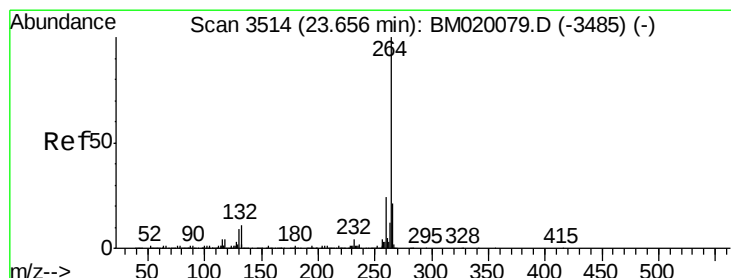
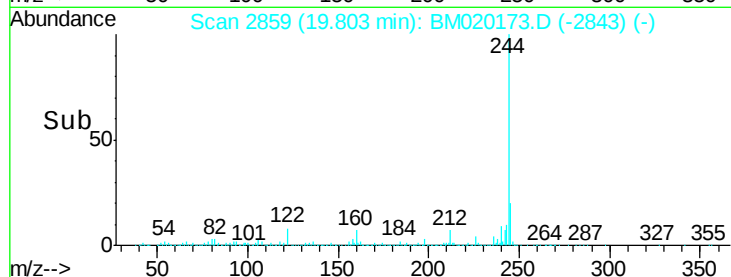
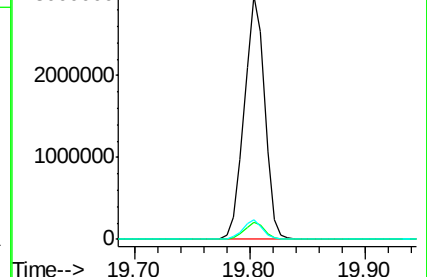
122 7.8 6.2 9.2



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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

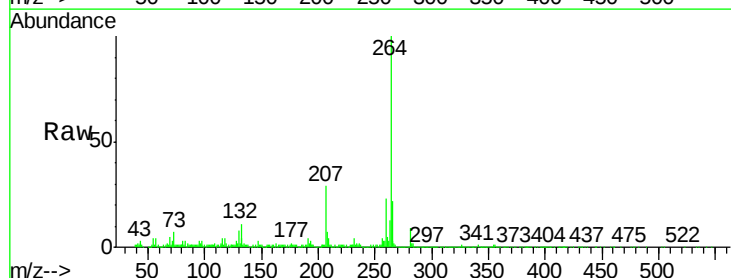
Tgt Ion:264 Resp: 752532

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.5 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

