

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014212.D
 Acq On : 09 Feb 2018 12:41
 Operator : SJ/JU
 Sample : J1510-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MADISON-MH

Quant Time: Feb 10 02:45:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

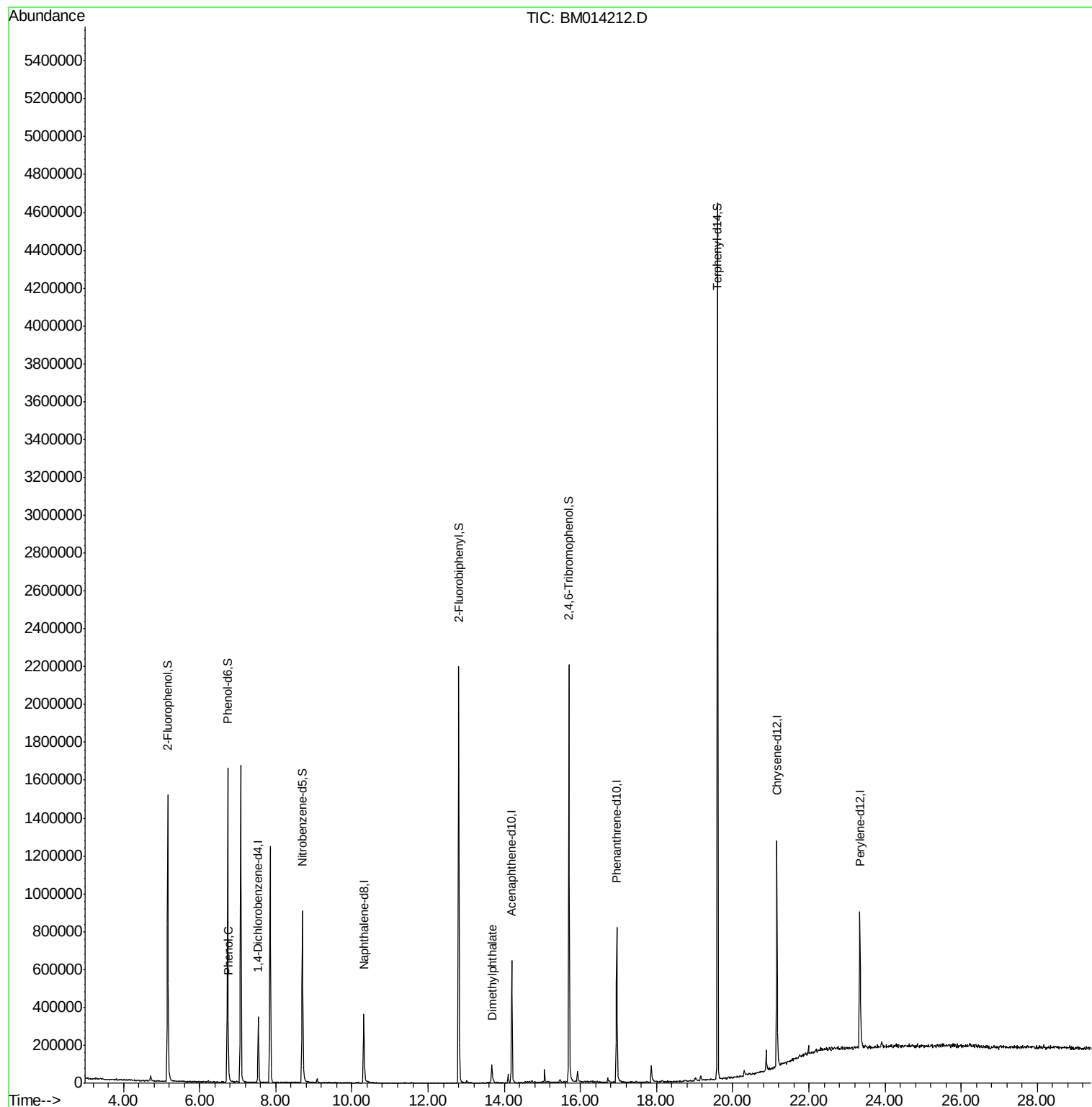
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	71433	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	275199	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	185263	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	468839	20.00	ng	0.00
75) Chrysene-d12	21.16	240	546150	20.00	ng	0.00
86) Perylene-d12	23.34	264	514383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	486952	118.82	ng	0.00
7) Phenol-d6	6.73	99	664834	114.54	ng	0.00
23) Nitrobenzene-d5	8.70	82	492684	79.97	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	276392	105.14	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	955691	64.39	ng	0.00
78) Terphenyl-d14	19.60	244	1791042	64.08	ng	0.00
Target Compounds						
10) Phenol	6.76	94	12718	2.219	ng	Qvalue # 69
49) Dimethylphthalate	13.67	163	64058	3.862	ng	99

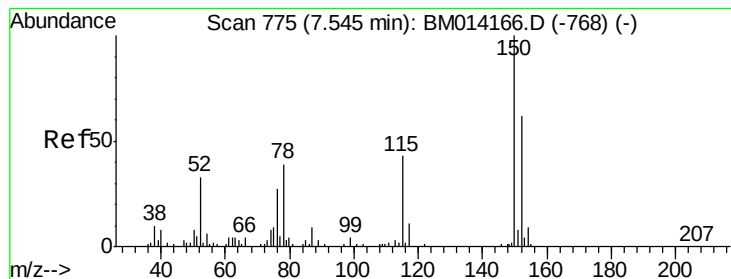
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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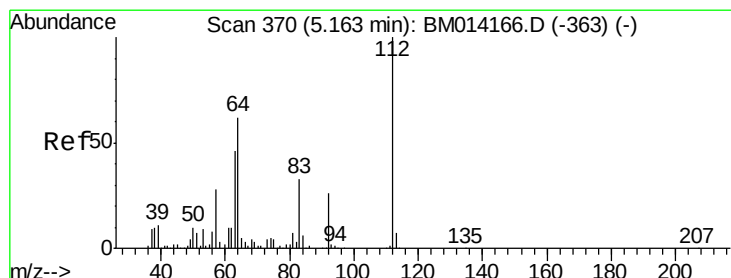
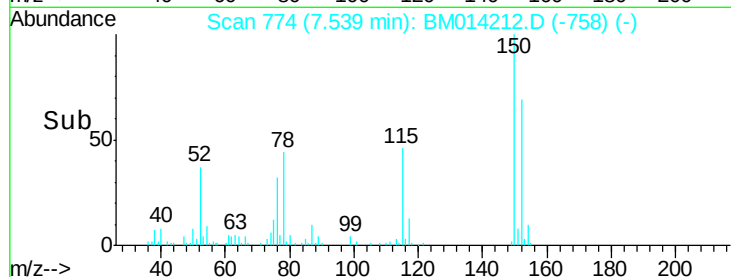
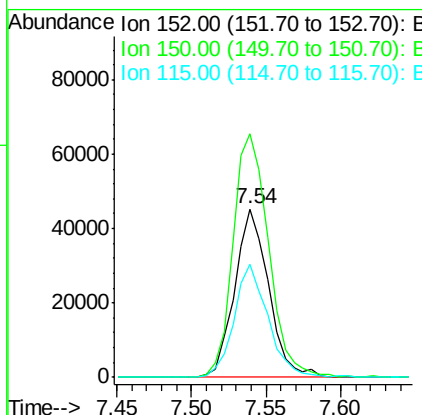
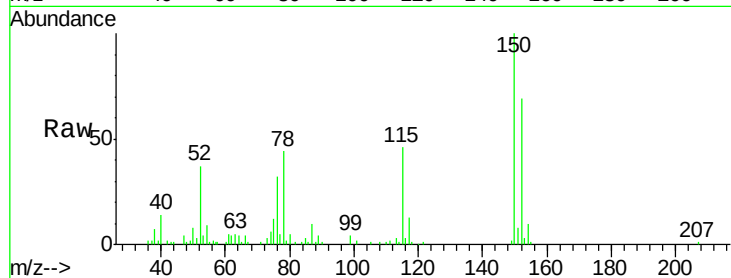


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

Instrument :
BNA_M
ClientSampleId :
MADISON-MH

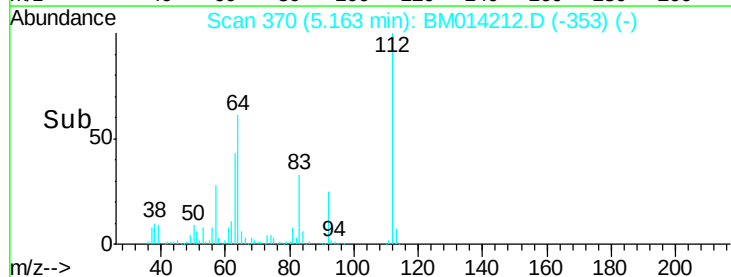
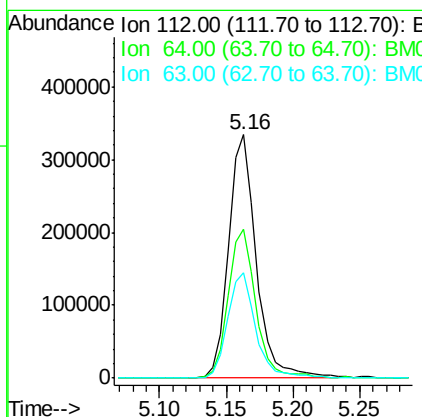
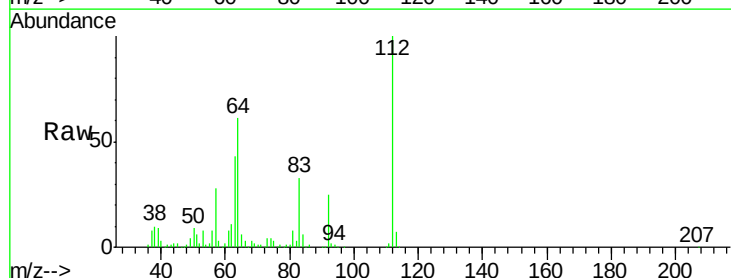
Tot Ion:152 Resp: 71433
Ion Ratio Lower Upper
152 100
150 144.6 119.5 179.3
115 66.9 43.0 64.4#

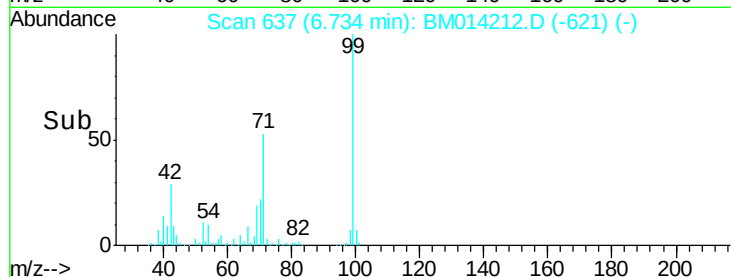
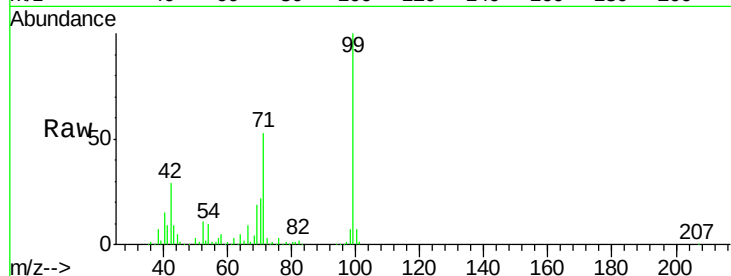
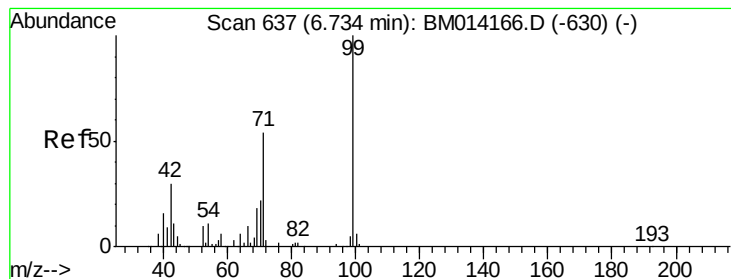


#5

2-Fluorophenol
Concen: 118.817 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

Tgt Ion:112 Resp: 486952
Ion Ratio Lower Upper
112 100
64 61.0 38.6 57.8#
63 43.1 19.3 28.9#





#7

Phenol-d6

Concen: 114.540 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014212.D

Acq: 09 Feb 2018 12:41

Instrument :

BNA_M

ClientSampleId :

MADISON-MH

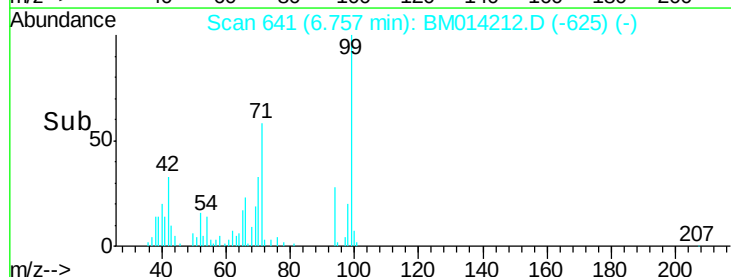
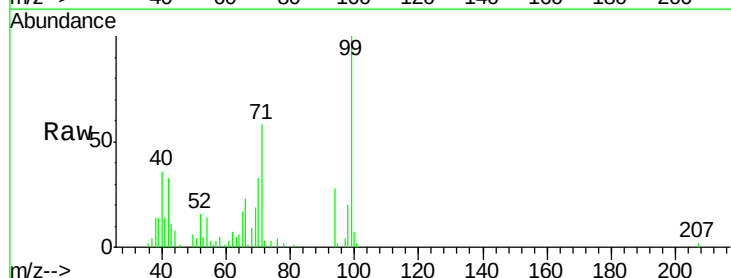
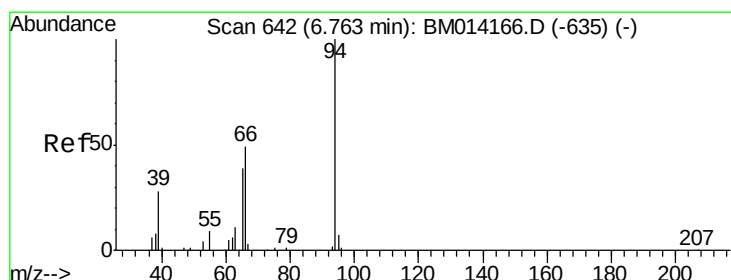
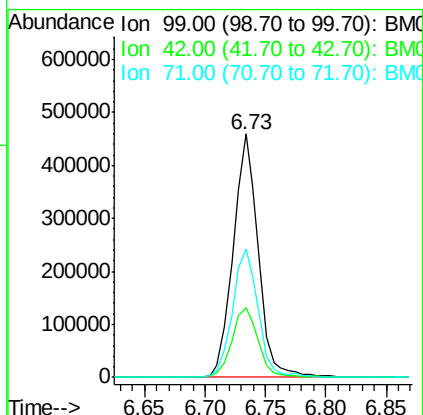
Tot Ion: 99 Resp: 664834

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

71 52.8 23.4 35.2#



#10

Phenol

Concen: 2.219 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014212.D

Acq: 09 Feb 2018 12:41

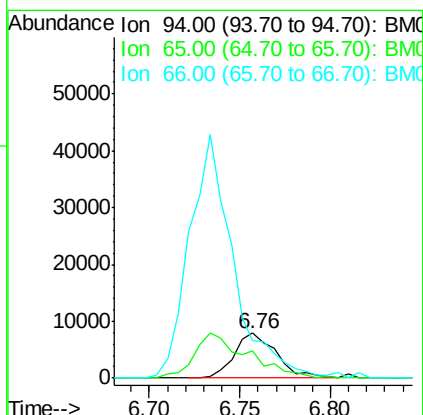
Tgt Ion: 94 Resp: 12718

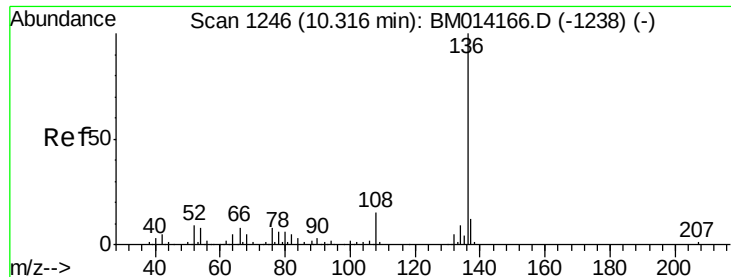
Ion Ratio Lower Upper

94 100

65 59.3 18.8 58.8#

66 81.9 39.9 79.9#

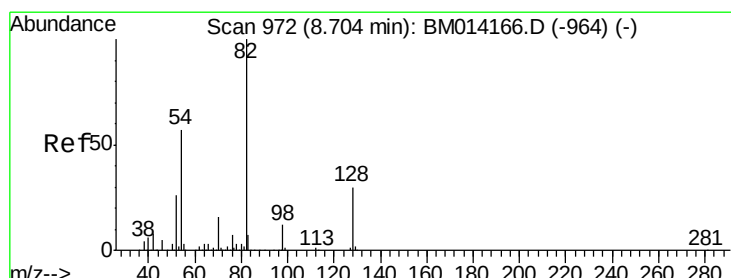
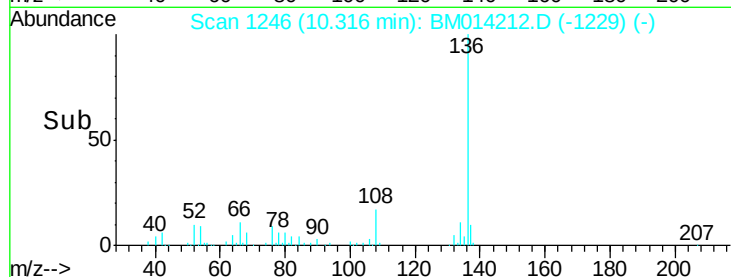
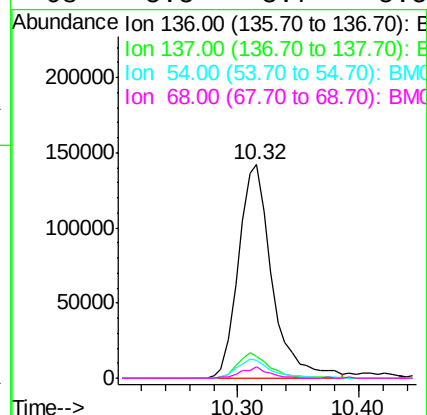
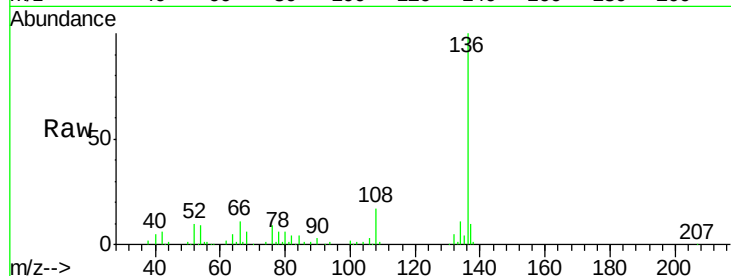




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

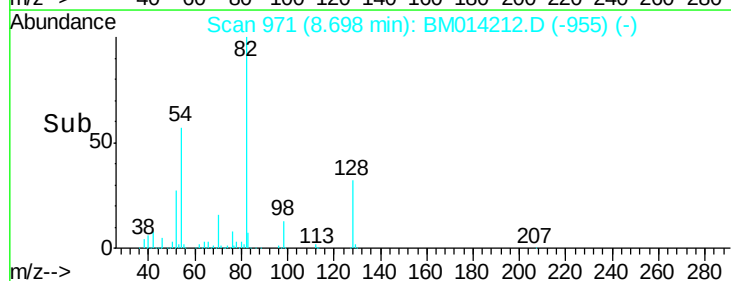
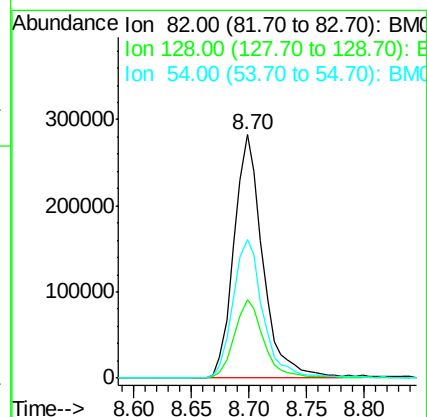
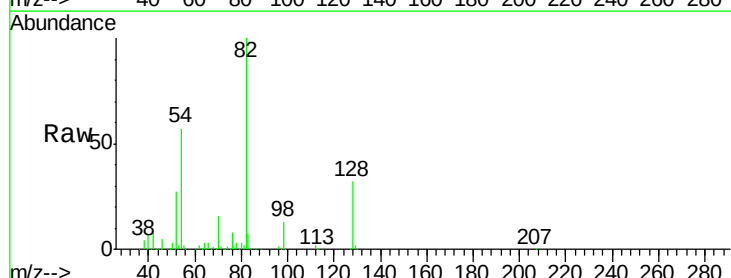
Instrument :
BNA_M
ClientSampleId :
MADISON-MH

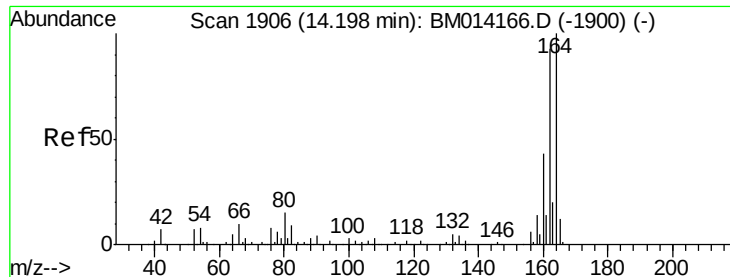
Tot Ion:136	Resp:	275199
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.7 13.1
54	8.6	4.6 6.8#
68	5.5	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 79.967 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

Tgt Ion: 82	Resp:	492684
Ion Ratio	Lower	Upper
82	100	
128	32.0	32.8 49.2#
54	56.8	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM014212.D

Acq: 09 Feb 2018 12:41

Instrument :

BNA_M

ClientSampleId :

MADISON-MH

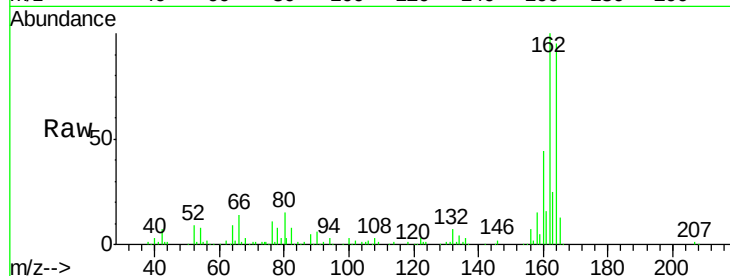
Tot Ion:164 Resp: 185263

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

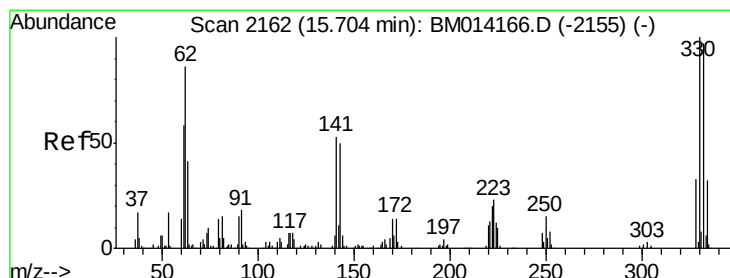
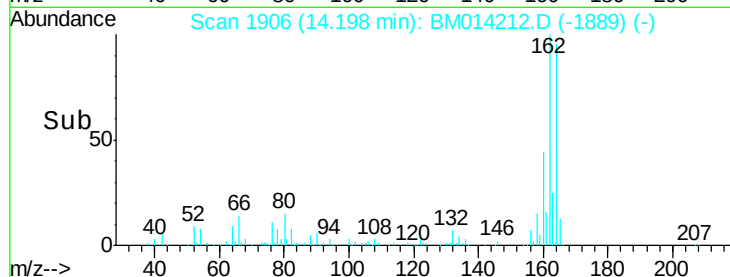
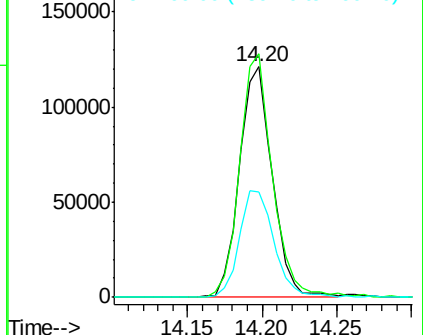
160 46.0 35.8 53.6



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: 105.139 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014212.D

Acq: 09 Feb 2018 12:41

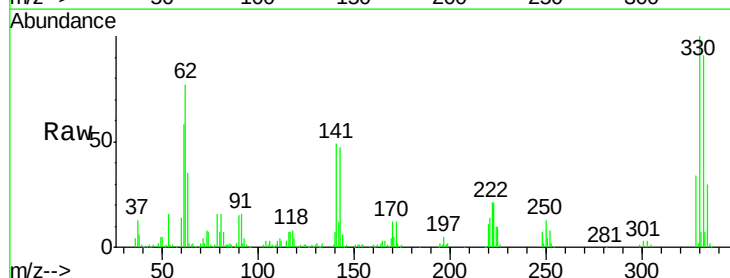
Tgt Ion:330 Resp: 276392

Ion Ratio Lower Upper

330 100

332 94.7 0.0 0.0#

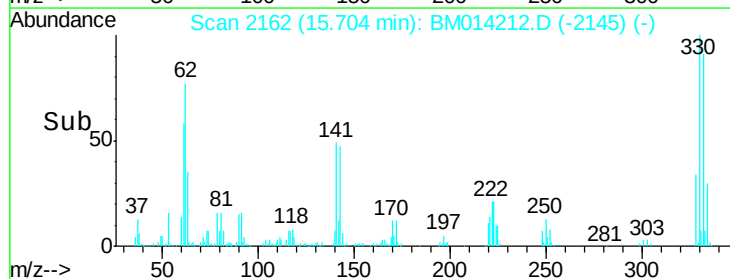
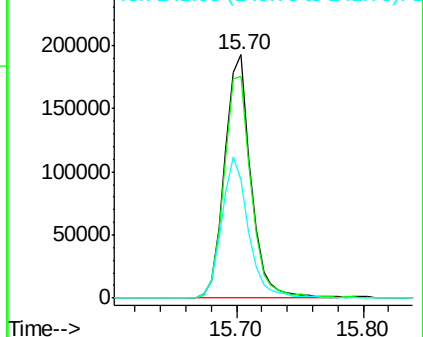
141 59.2 0.0 0.0#

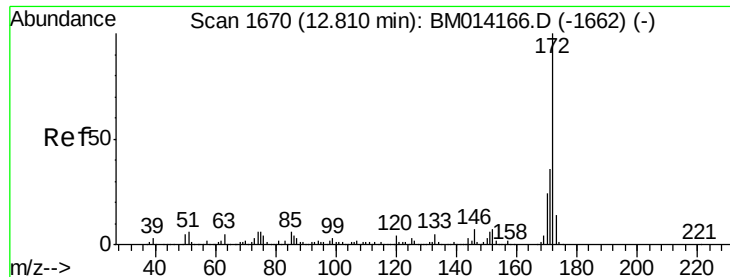


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

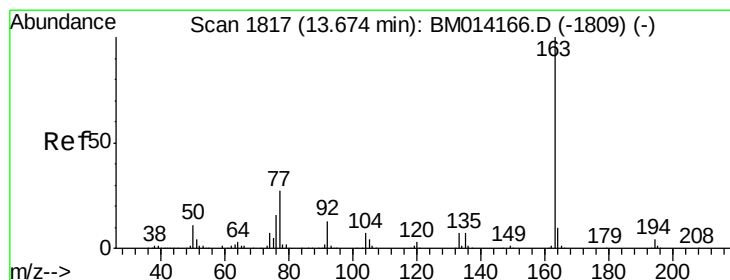
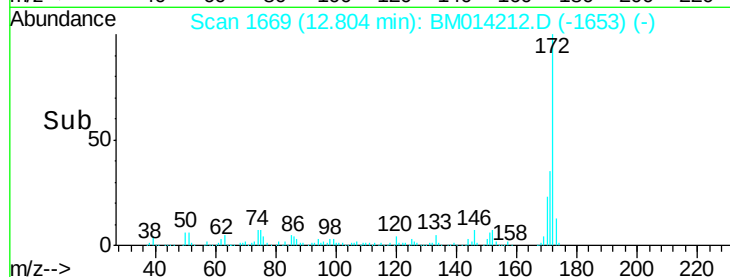
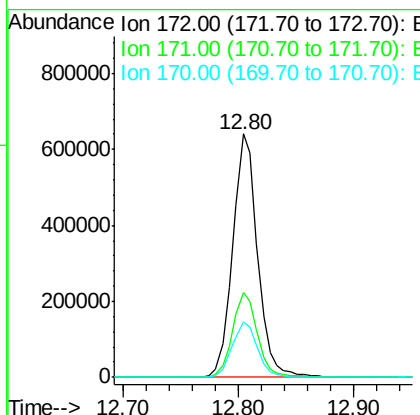
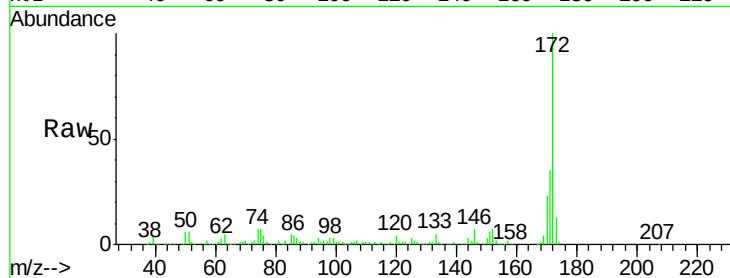




#44
2-Fluorobiphenyl
Concen: 64.395 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

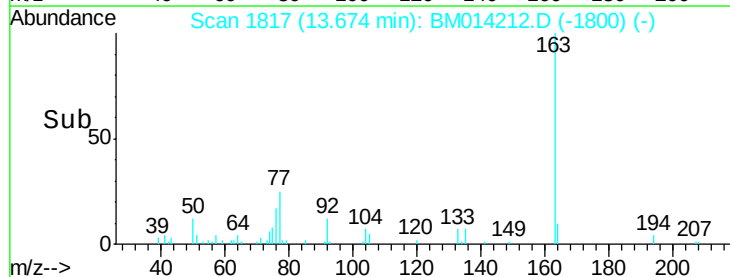
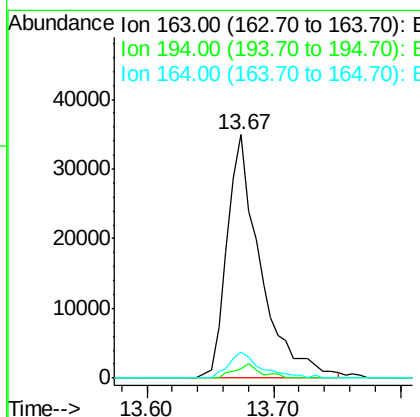
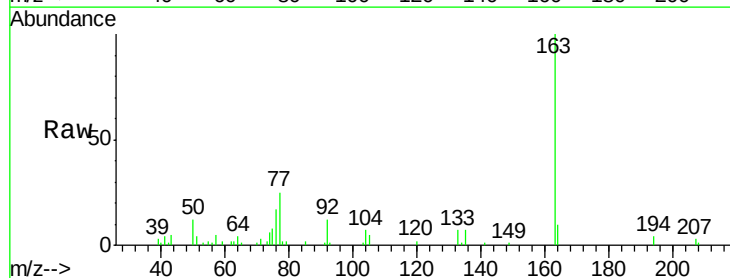
Instrument :
BNA_M
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MADISON-MH

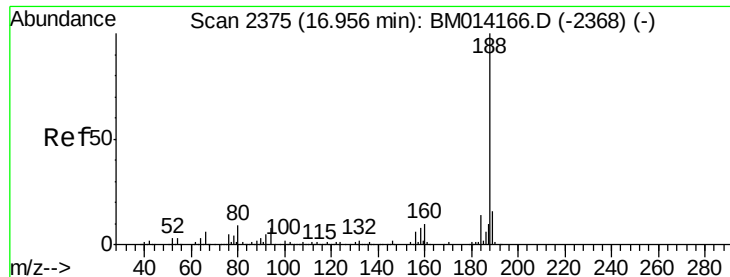
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.9	18.8	28.2



#49
Dimethylphthalate
Concen: 3.862 ng
RT: 13.67 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

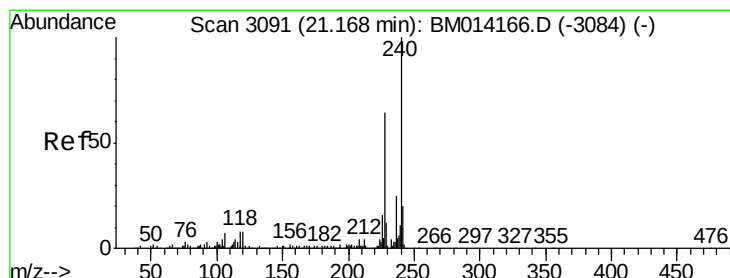
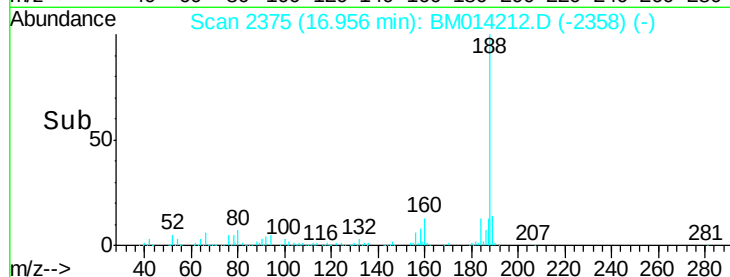
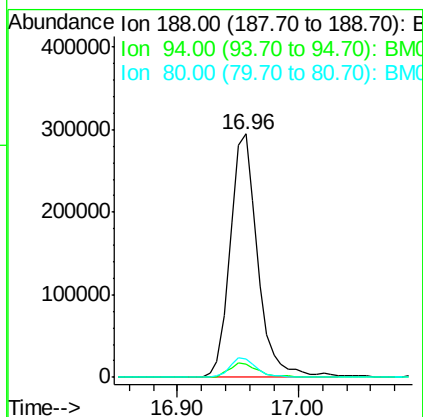
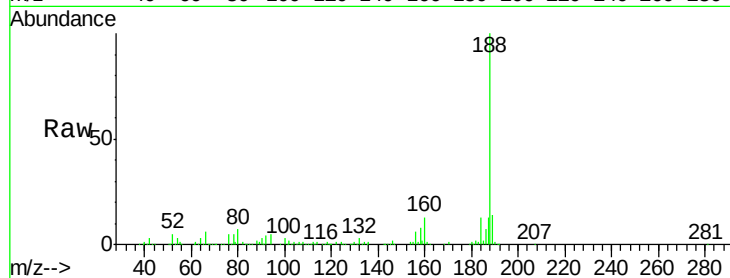




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

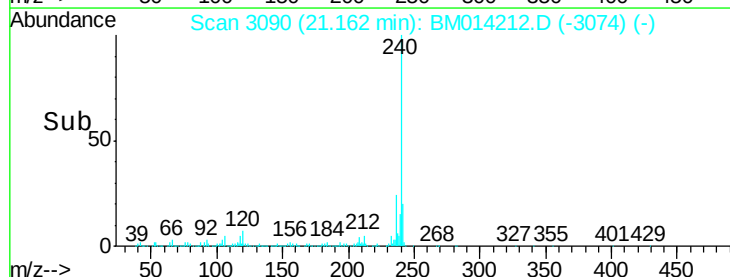
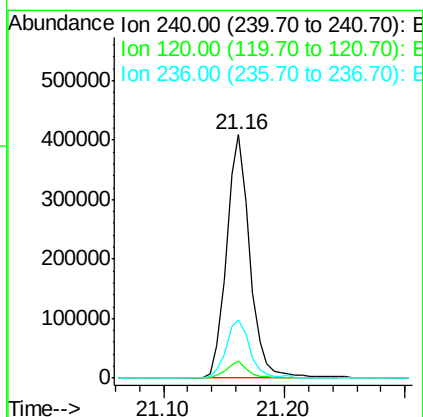
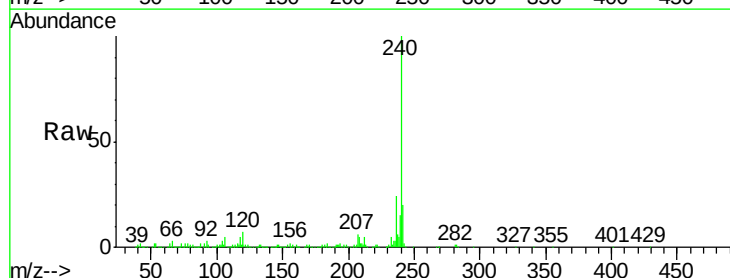
Instrument :
BNA_M
ClientSampleId :
MADISON-MH

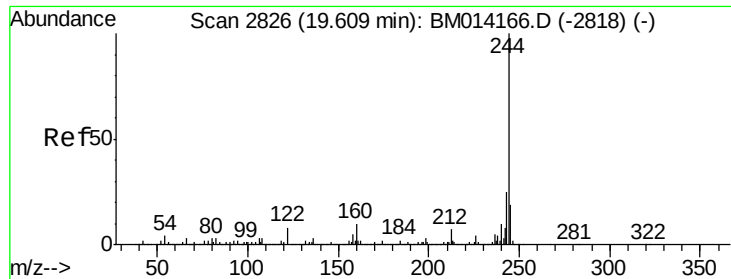
Tot Ion:188 Resp: 468839
Ion Ratio Lower Upper
188 100
94 5.2 8.7 13.1#
80 7.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014212.D
Acq: 09 Feb 2018 12:41

Tgt Ion:240 Resp: 546150
Ion Ratio Lower Upper
240 100
120 6.8 8.2 12.2#
236 24.0 20.0 30.0





#78

Terphenyl-d14

Concen: 64.077 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014212.D

Acq: 09 Feb 2018 12:41

Instrument :

BNA_M

ClientSampleId :

MADISON-MH

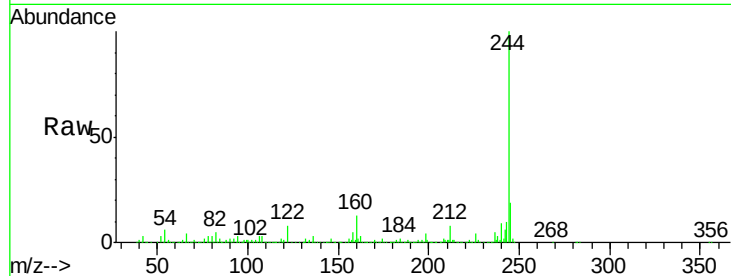
Tot Ion:244 Resp: 1791042

Ion Ratio Lower Upper

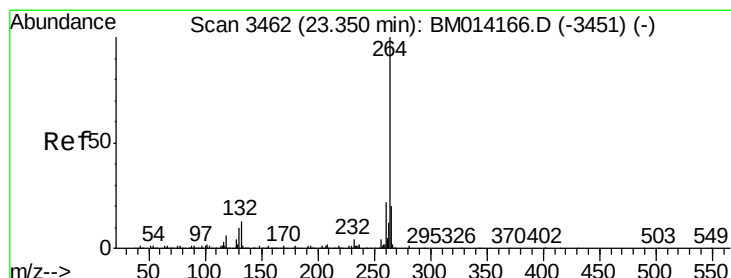
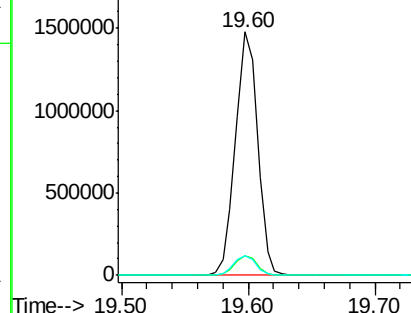
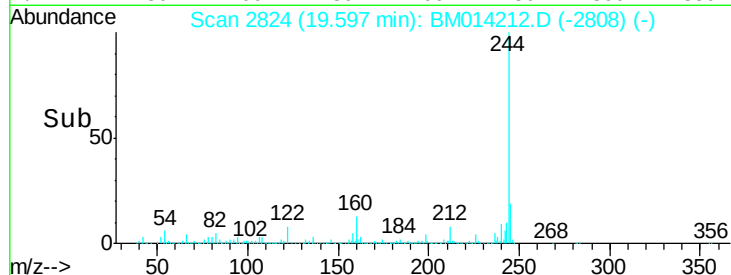
244 100

212 8.1 4.9 7.3#

122 8.2 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: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014212.D

Acq: 09 Feb 2018 12:41

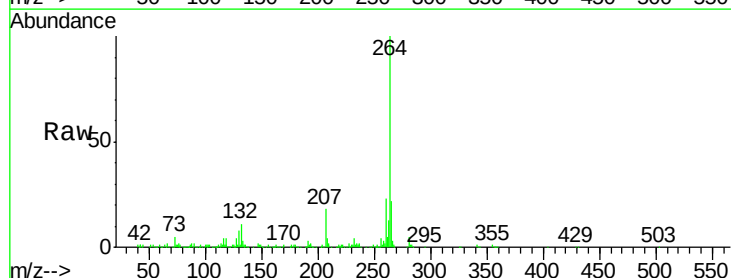
Tgt Ion:264 Resp: 514383

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.3 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

