

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011338.D
 Acq On : 22 Aug 2017 21:48
 Operator : SJ/JU
 Sample : I4908-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-082117-A

Quant Time: Aug 23 02:36:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

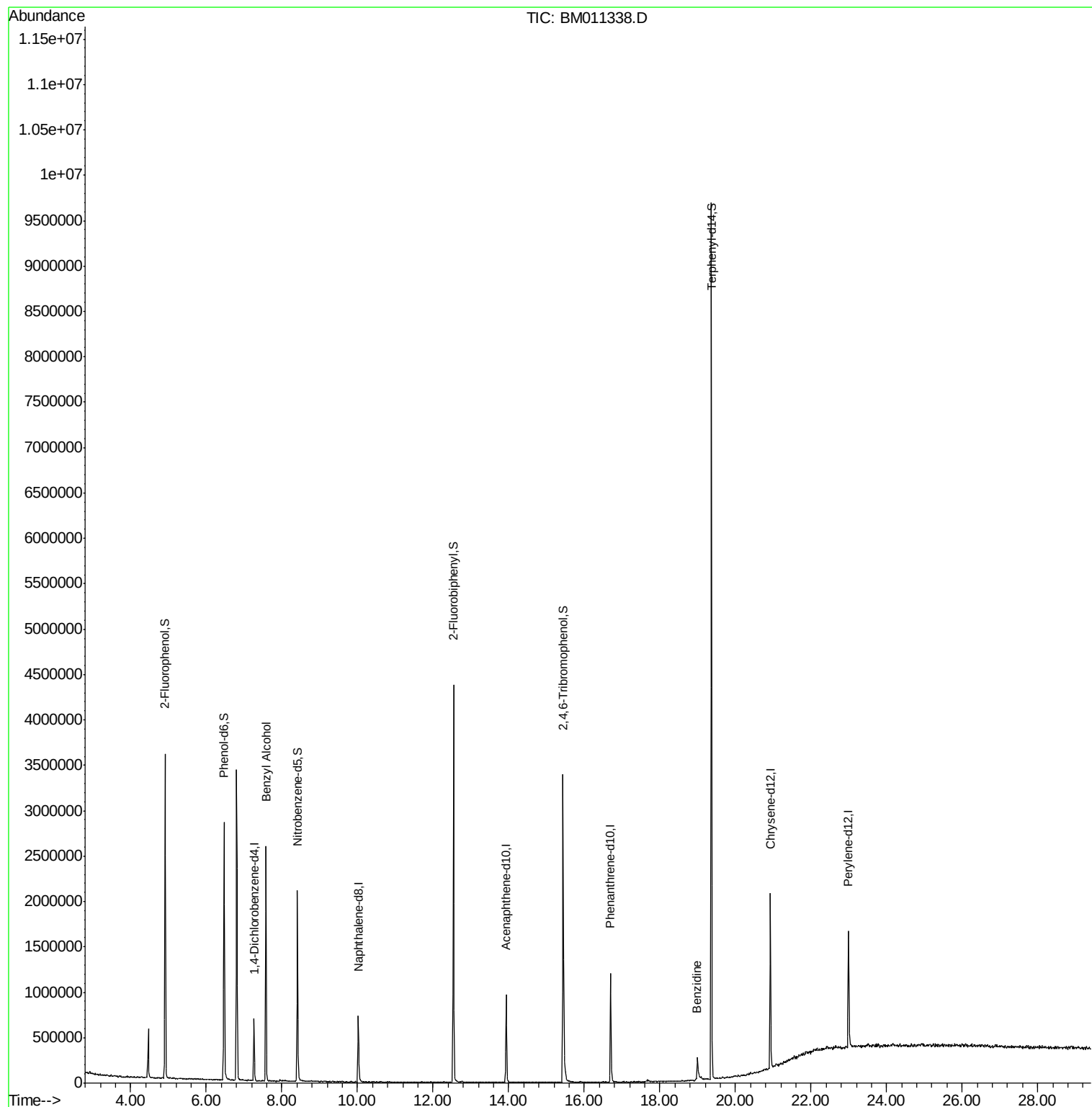
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	115395	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	424751	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	266000	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	715585	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	964475	20.00	ng	-0.02
86) Perylene-d12	22.99	264	925884	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	874568	128.12	ng	-0.02
7) Phenol-d6	6.47	99	1147109	118.27	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1217059	107.54	ng	-0.03
41) 2,4,6-Tribromophenol	15.45	330	503448	118.09	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1853943	87.41	ng	-0.02
78) Terphenyl-d14	19.37	244	3489487	71.67	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.58	79	26826	2.88	ng	# 28
76) Benzidine	19.00	184	201204	8.72	ng	# 93

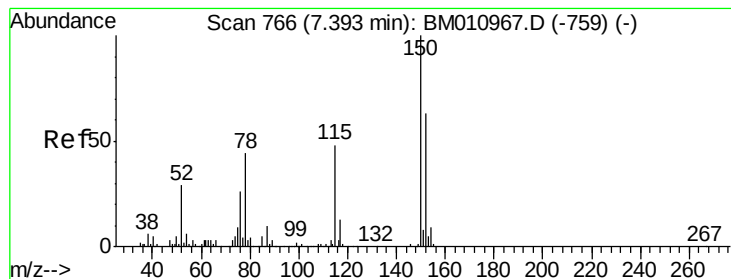
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 761

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

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TR-04-082117-A

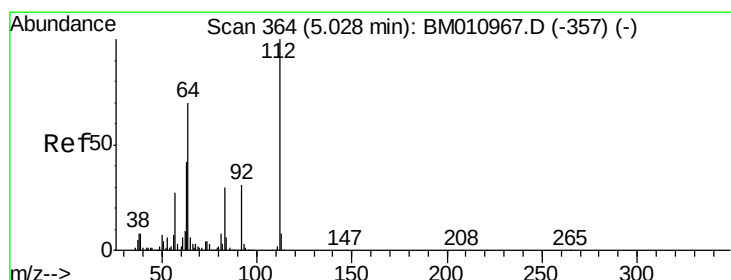
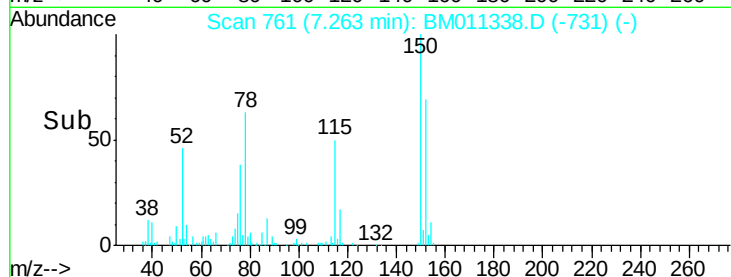
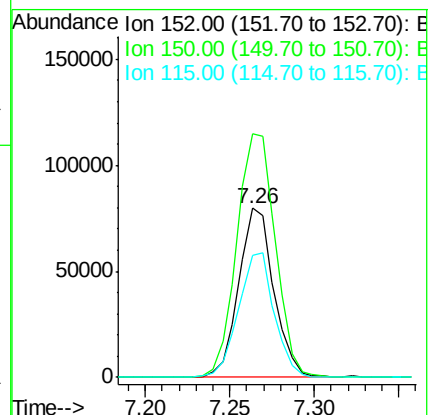
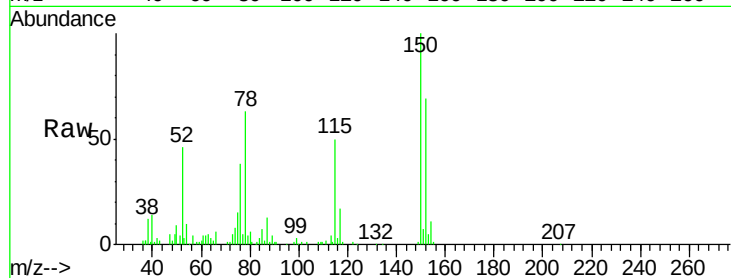
Tot Ion:152 Resp: 115395

Ion Ratio Lower Upper

152 100

150 144.2 119.5 179.3

115 72.1 43.0 64.4#



#5

2-Fluorophenol

Concen: 128.12 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

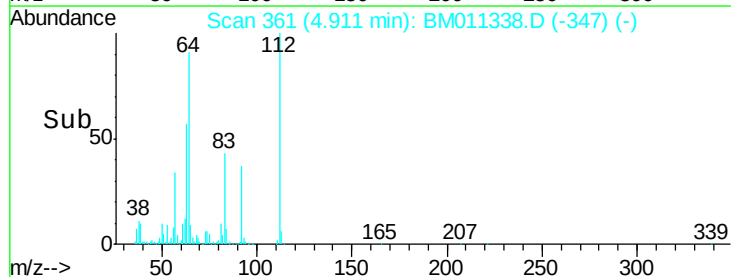
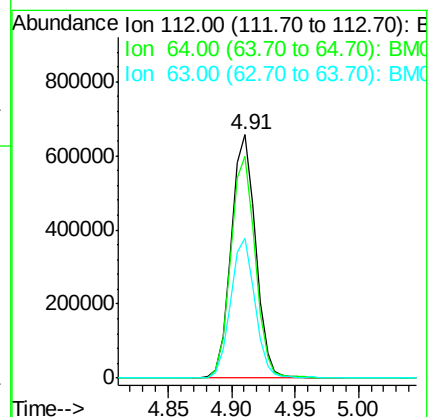
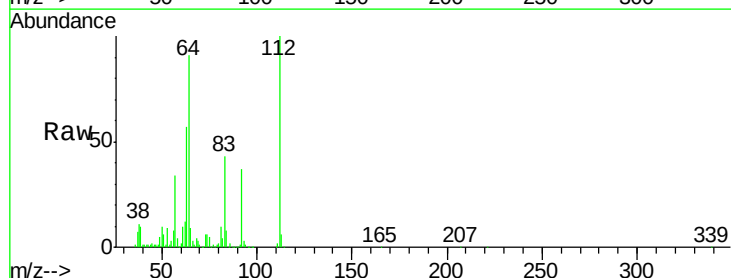
Tgt Ion:112 Resp: 874568

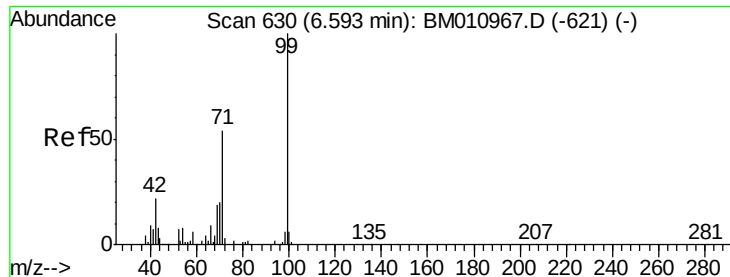
Ion Ratio Lower Upper

112 100

64 90.9 38.6 57.8#

63 57.2 19.3 28.9#





#7

Phenol-d6

Concen: 118.27 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

Instrument :

BNA_M

ClientSampleId :

TR-04-082117-A

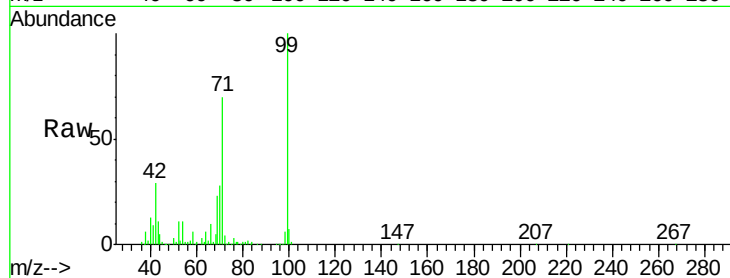
Tot Ion: 99 Resp: 1147109

Ion Ratio Lower Upper

99 100

42 28.8 11.0 16.4#

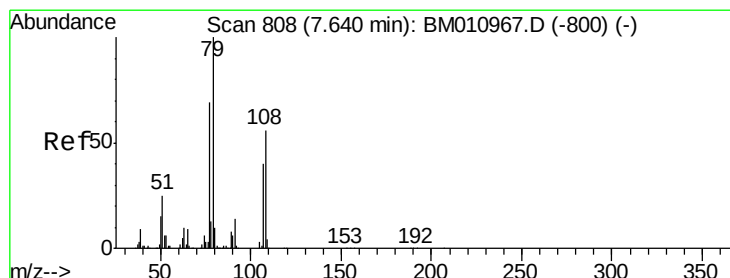
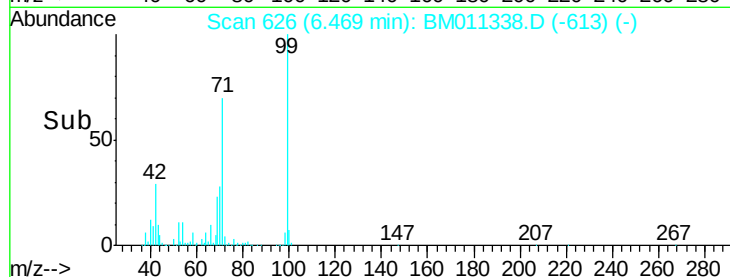
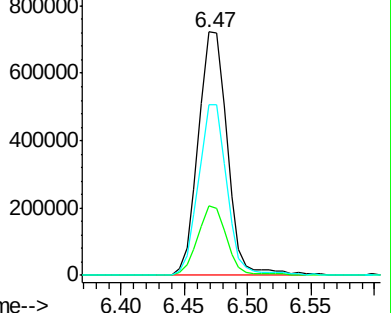
71 70.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011338.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011338.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011338.D (-613) (-)



#15

Benzyl Alcohol

Concen: 2.88 ng

RT: 7.58 min Scan# 814

Delta R.T. 0.04 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

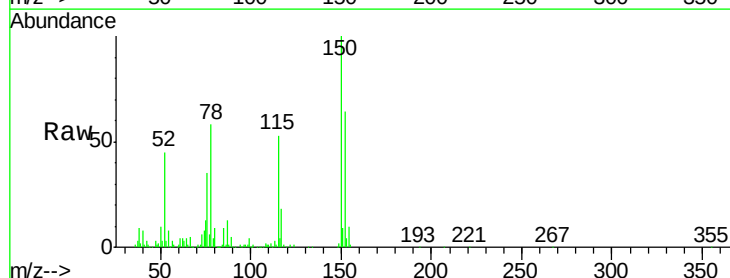
Tgt Ion: 79 Resp: 26826

Ion Ratio Lower Upper

79 100

108 53.9 65.0 97.4#

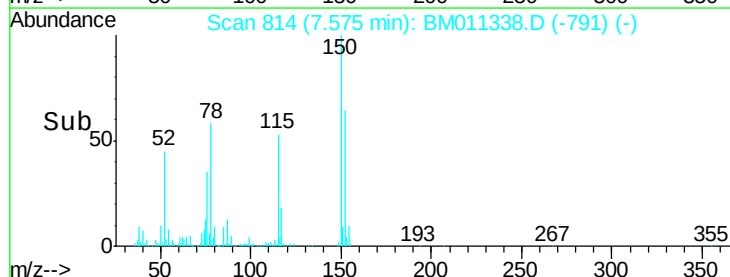
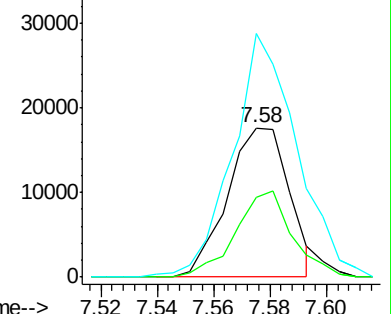
77 163.2 53.0 79.6#

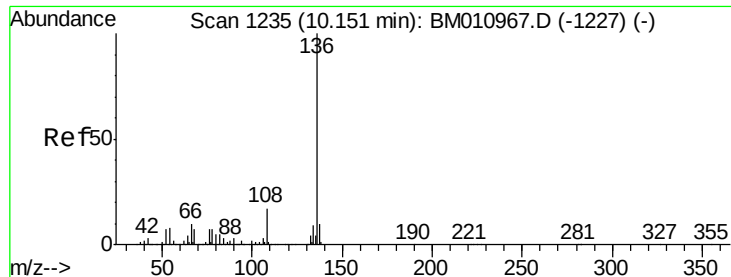


Abundance Ion 79.00 (78.70 to 79.70): BM011338.D (-791) (-)

Ion 108.00 (107.70 to 108.70): BM011338.D (-791) (-)

Ion 77.00 (76.70 to 77.70): BM011338.D (-791) (-)

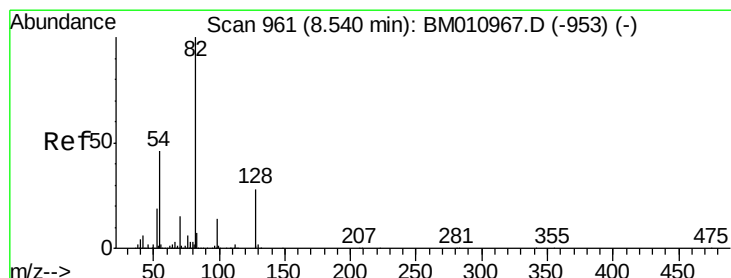
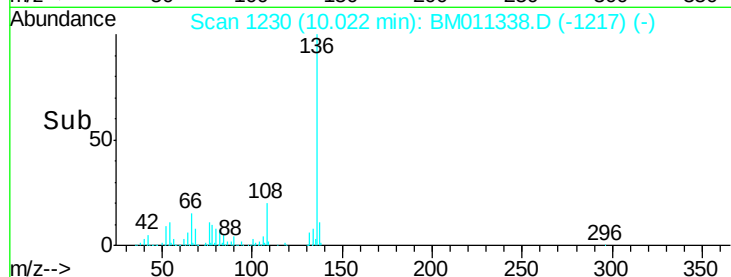
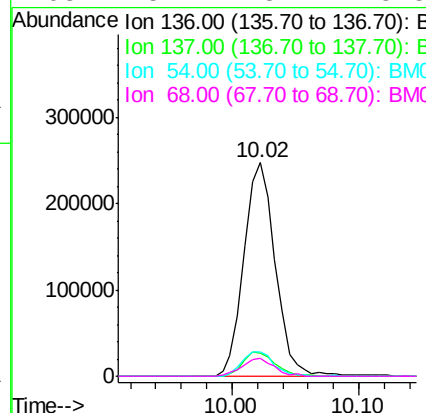
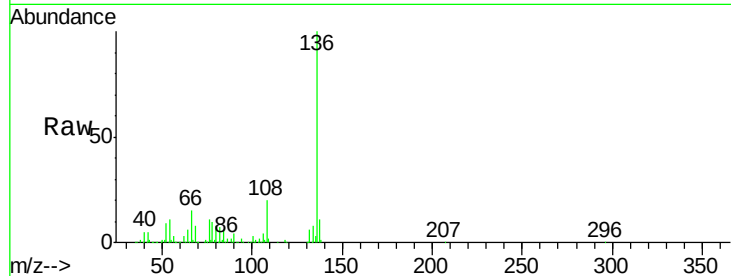




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011338.D
Acq: 22 Aug 2017 21:48

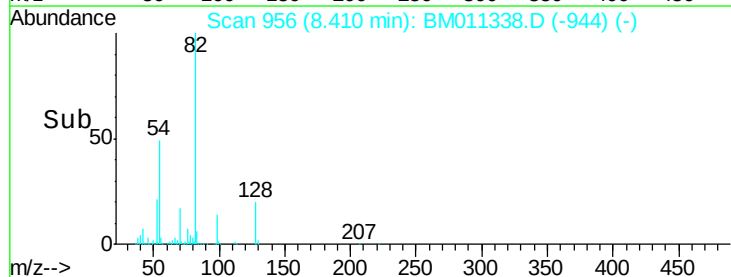
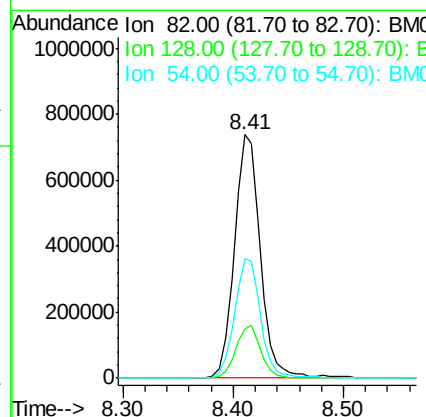
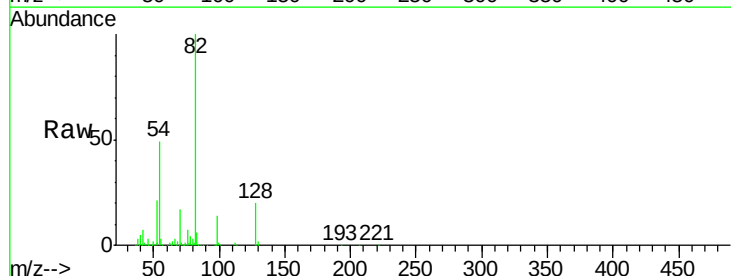
Instrument :
BNA_M
ClientSampleId :
TR-04-082117-A

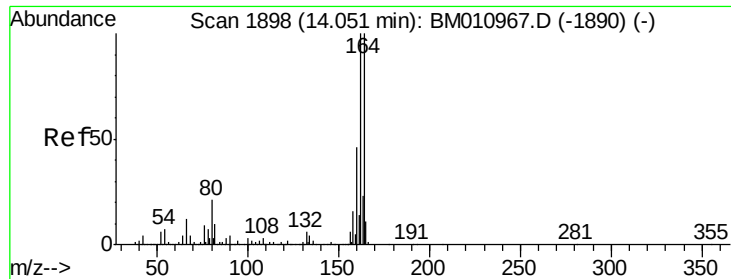
Tot Ion:136	Resp:	424751
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	11.5	4.6 6.8#
68	8.4	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 107.54 ng
RT: 8.41 min Scan# 956
Delta R.T. -0.03 min
Lab File: BM011338.D
Acq: 22 Aug 2017 21:48

Tgt Ion: 82	Resp:	1217059
Ion	Ratio	Lower Upper
82	100	
128	20.4	32.8 49.2#
54	49.3	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.93 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

Instrument :

BNA_M

ClientSampleId :

TR-04-082117-A

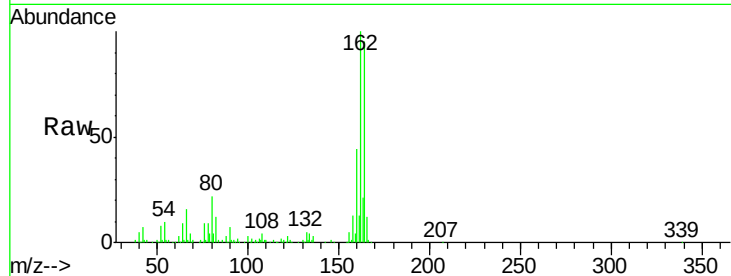
Tot Ion:164 Resp: 266000

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

160 46.2 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

13.93

250000

200000

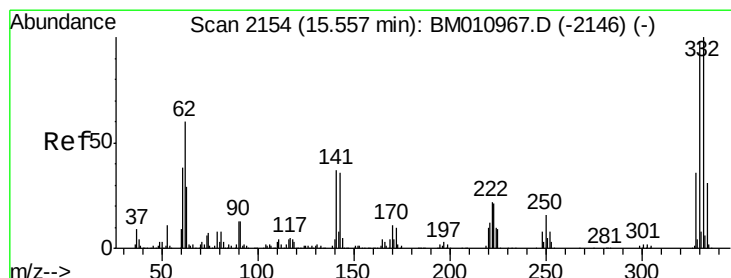
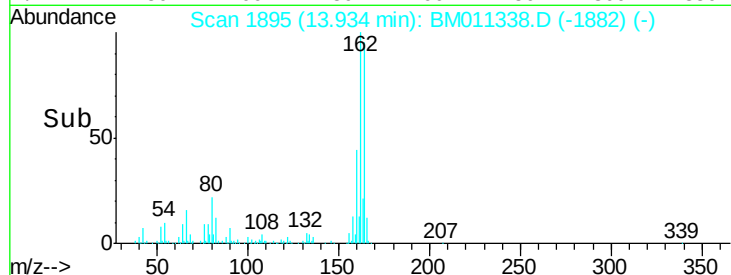
150000

100000

50000

0

Time--> 13.85 13.90 13.95 14.00



#41

2,4,6-Tribromophenol

Concen: 118.09 ng

RT: 15.45 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

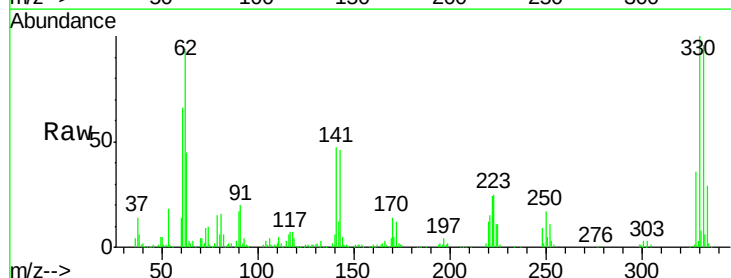
Tgt Ion:330 Resp: 503448

Ion Ratio Lower Upper

330 100

332 94.6 0.0 0.0#

141 50.5 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

15.45

400000

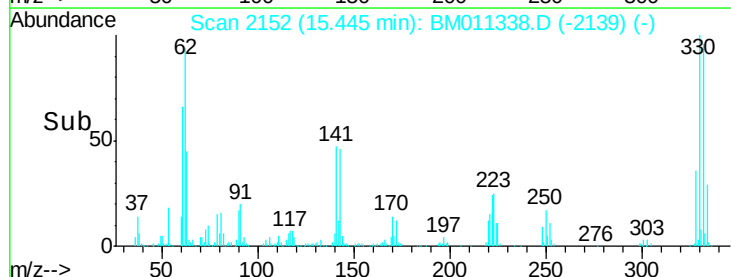
300000

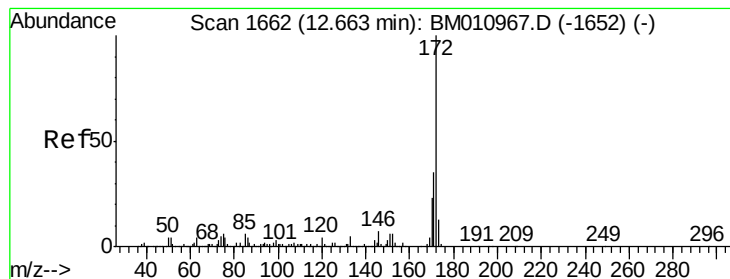
200000

100000

0

Time--> 15.40 15.50





#44

2-Fluorobiphenyl

Concen: 87.41 ng

RT: 12.54 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

Instrument :

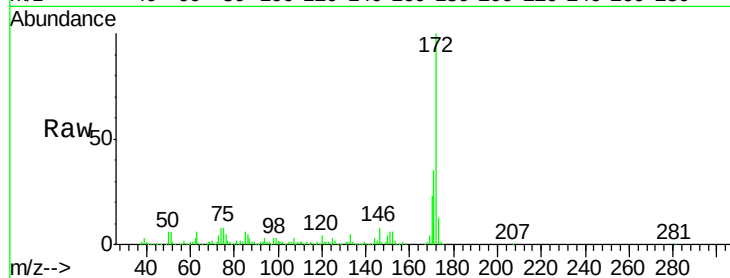
BNA_M

ClientSampleId :

TR-04-082117-A

Tot Ion:172 Resp: 1853943

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.1	18.8	28.2



Abundance

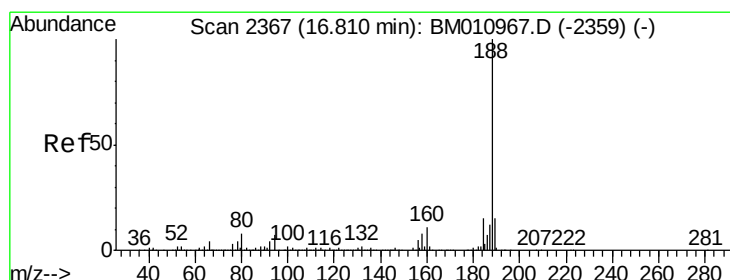
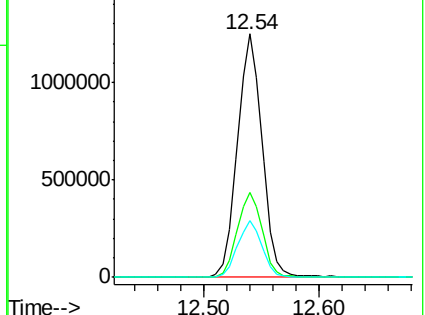
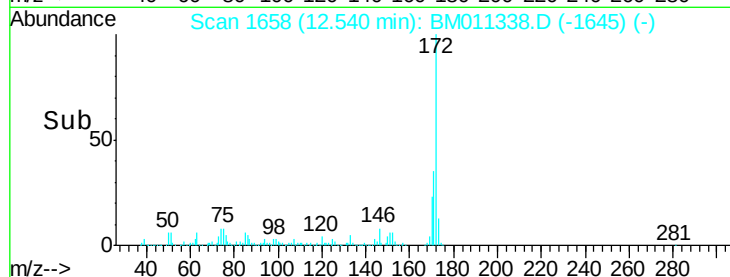
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

12.54

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2365

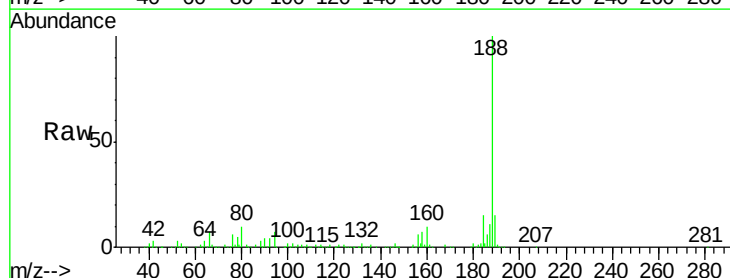
Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

Tgt Ion:188 Resp: 715585

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	9.6	9.3	13.9



Abundance

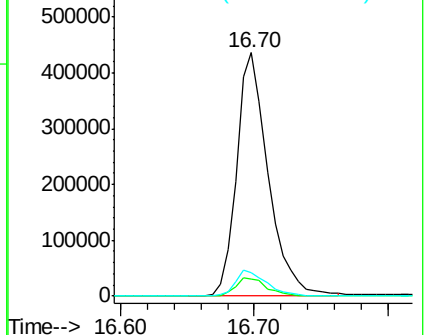
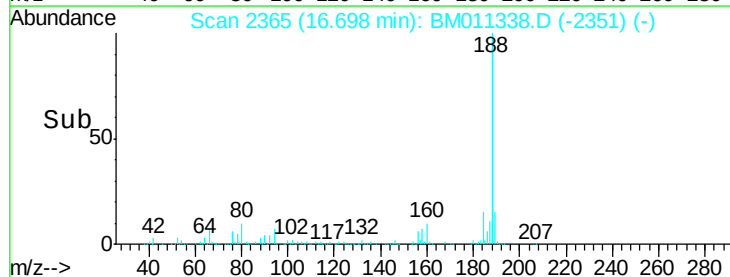
Ion 188.00 (187.70 to 188.70): E

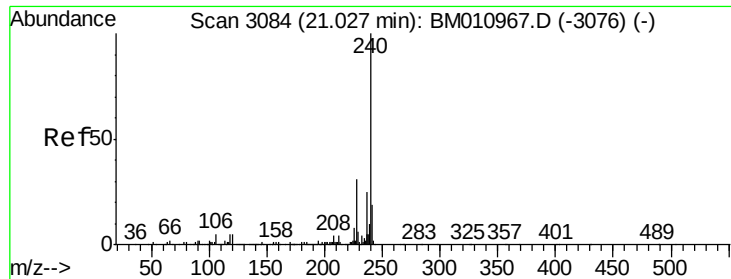
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.70

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.92 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

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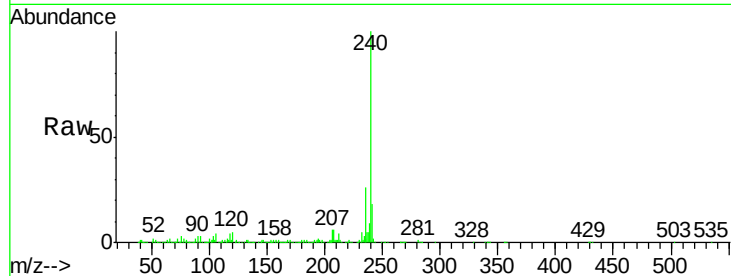
Tot Ion:240 Resp: 964475

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

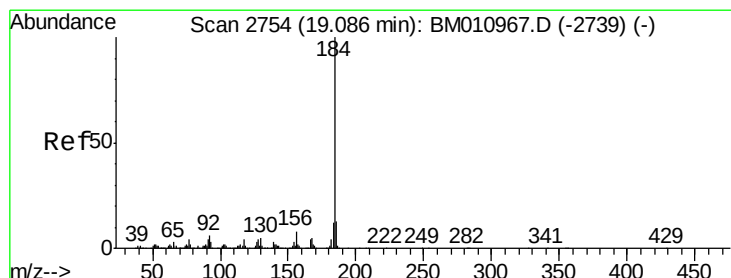
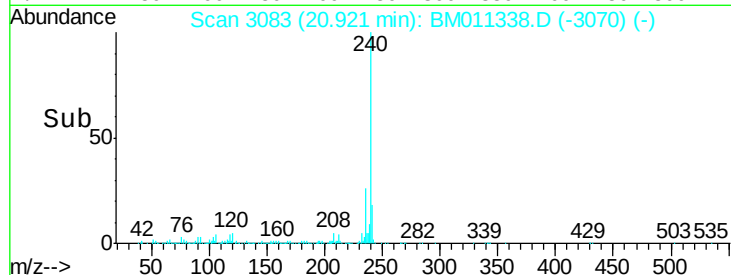
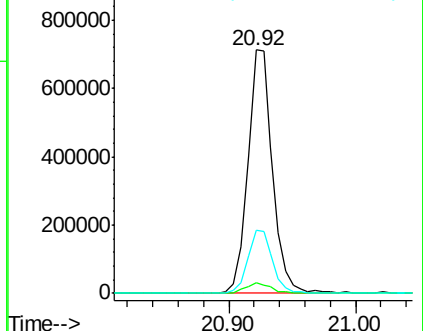
236 25.8 20.0 30.0



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



#76

Benzidine

Concen: 8.72 ng

RT: 19.00 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

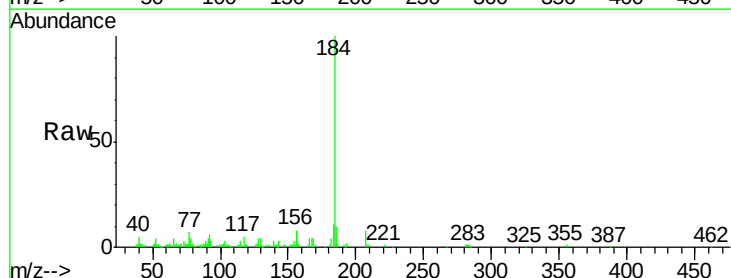
Tgt Ion:184 Resp: 201204

Ion Ratio Lower Upper

184 100

185 9.6 11.3 16.9#

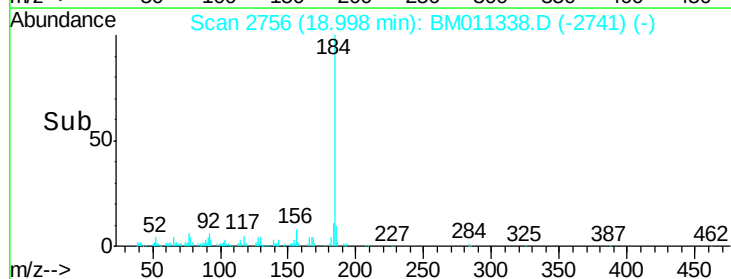
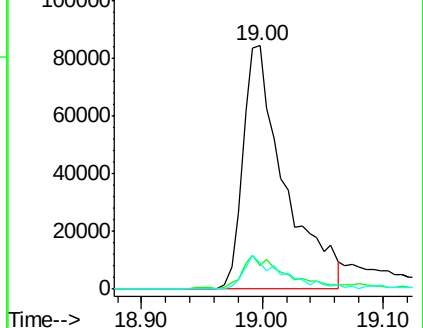
183 10.8 8.9 13.3

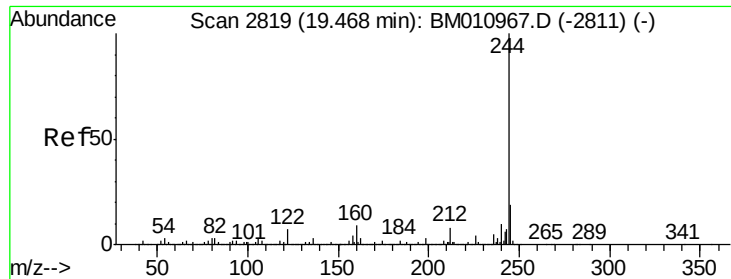


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 71.67 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011338.D

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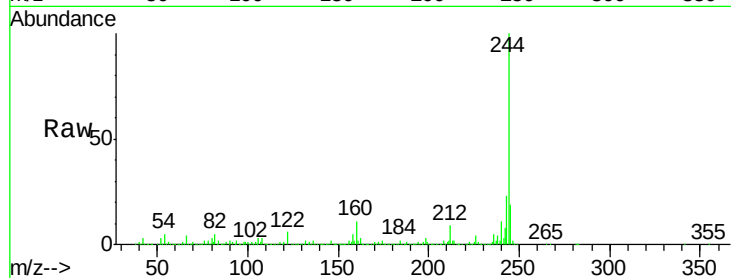
Tot Ion:244 Resp: 3489487

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

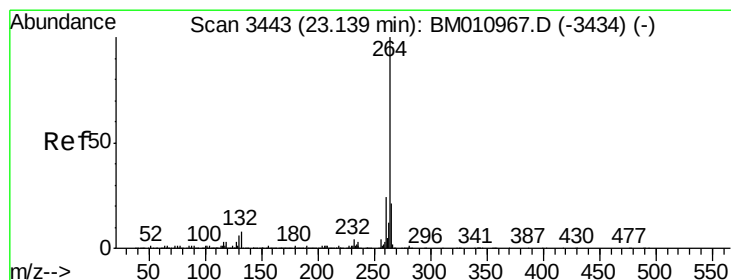
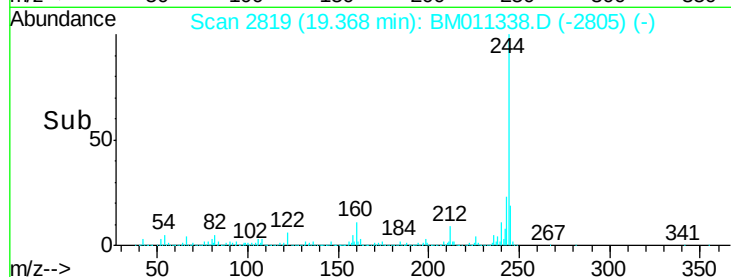
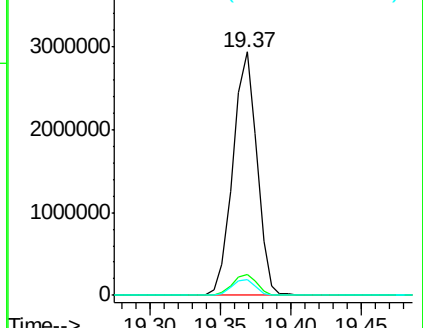
122 6.5 6.2 9.4



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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011338.D

Acq: 22 Aug 2017 21:48

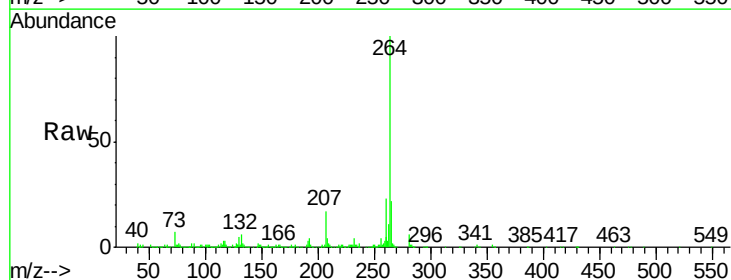
Tgt Ion:264 Resp: 925884

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.8 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

