

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011335.D
 Acq On : 22 Aug 2017 19:58
 Operator : SJ/JU
 Sample : I4898-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-081817-B

Quant Time: Aug 23 02:35:15 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

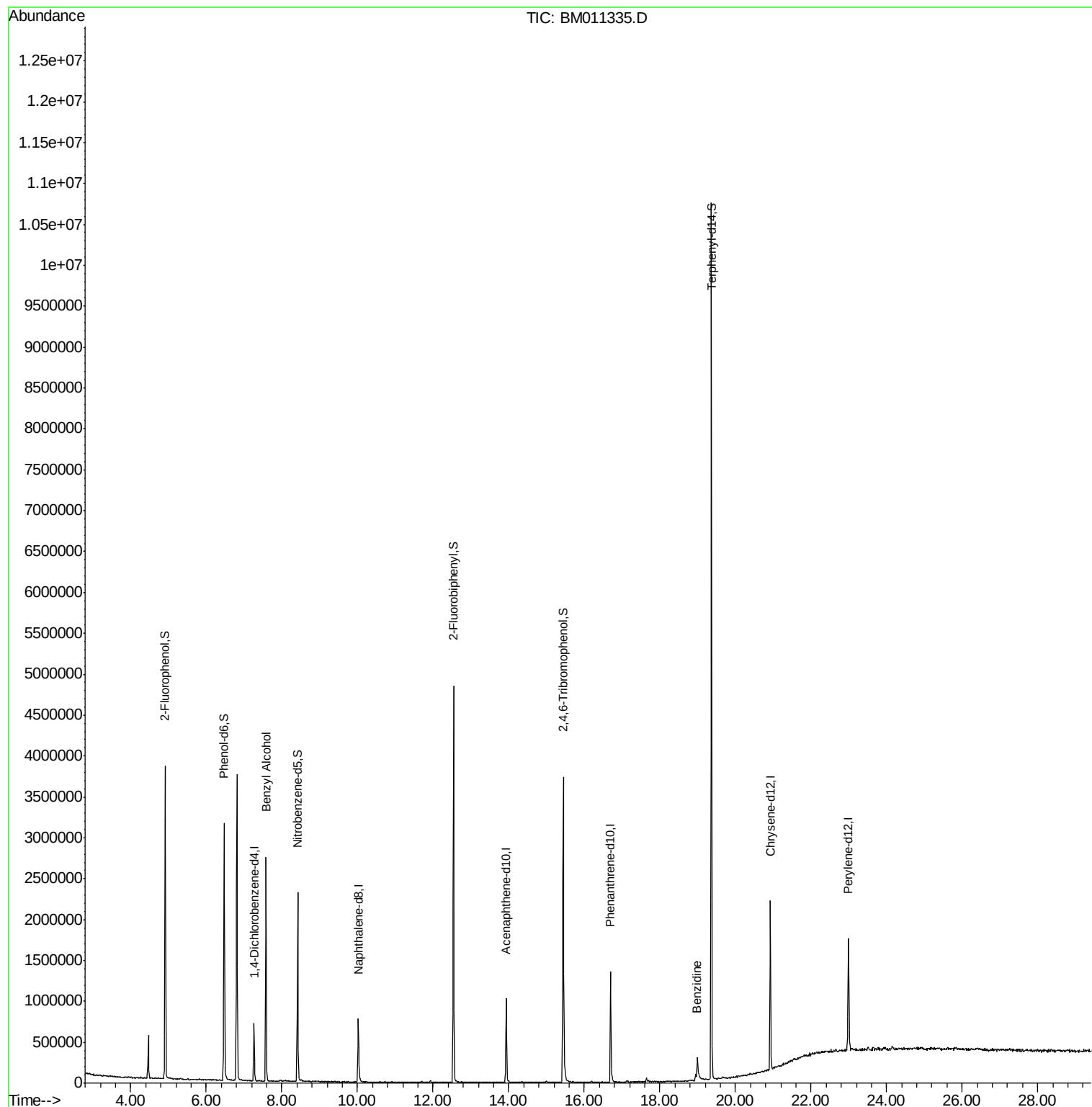
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	127014	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	431919	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	284654	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	742671	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	980189	20.00	ng	-0.02
86) Perylene-d12	22.99	264	973597	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	943879	125.62	ng	-0.02
7) Phenol-d6	6.47	99	1211790	113.51	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1308785	113.73	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	541463	118.68	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1978001	87.15	ng	-0.02
78) Terphenyl-d14	19.37	244	3717923	75.14	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.58	79	30149	2.94	ng	Qvalue # 51
76) Benzidine	18.99	184	213102	9.09	ng	96

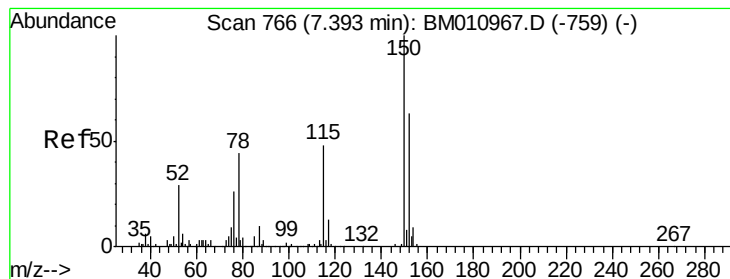
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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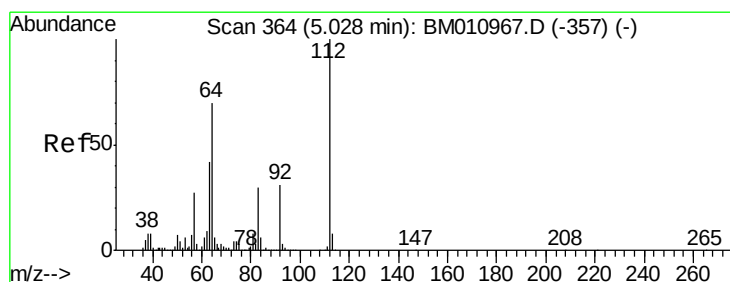
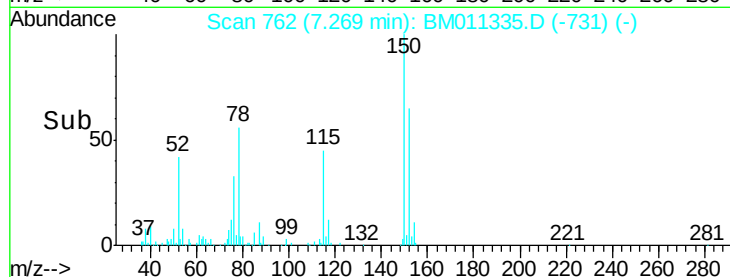
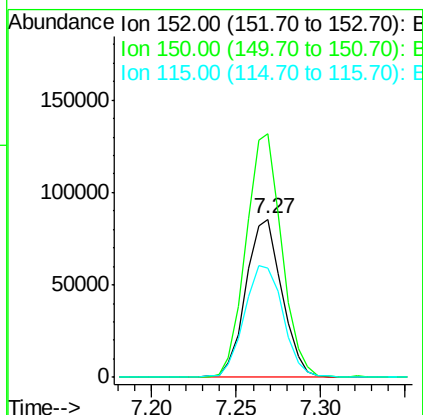
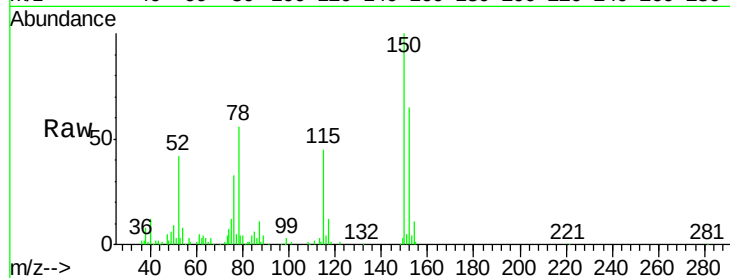


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011335.D
Acq: 22 Aug 2017 19:58

Instrument :
BNA_M
ClientSampleId :
NB-08-081817-B

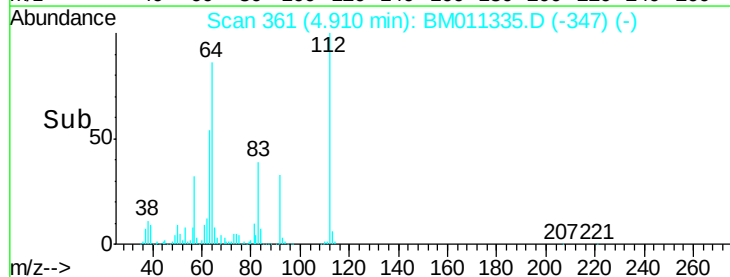
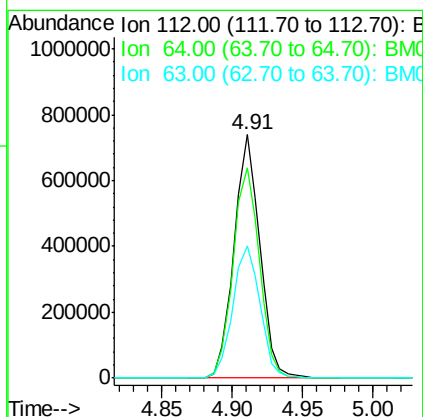
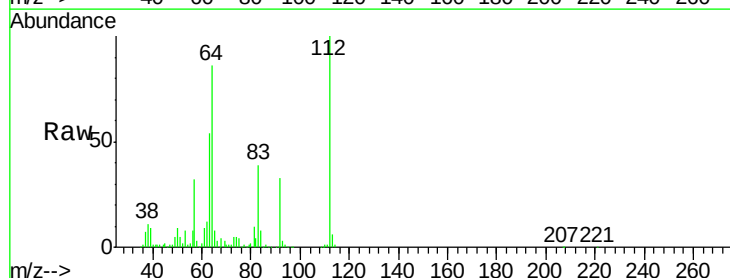
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	69.2	43.0	64.4

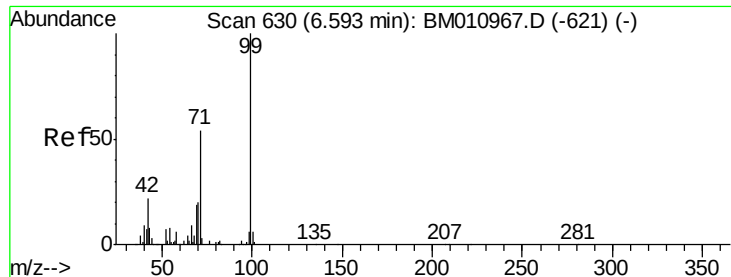


#5

2-Fluorophenol
Concen: 125.62 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011335.D
Acq: 22 Aug 2017 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	86.4	38.6	57.8
63	54.5	19.3	28.9





#7

Phenol-d6

Concen: 113.51 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011335.D

Acq: 22 Aug 2017 19:58

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-B

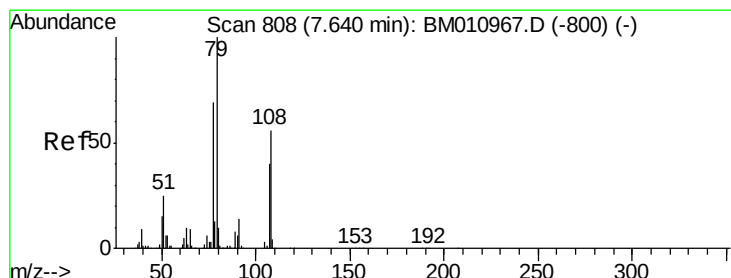
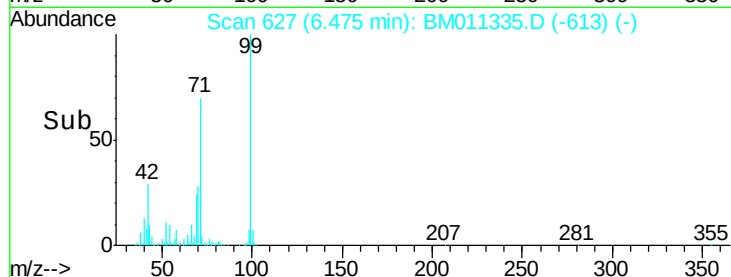
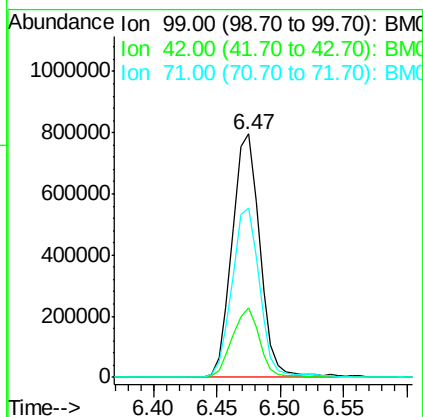
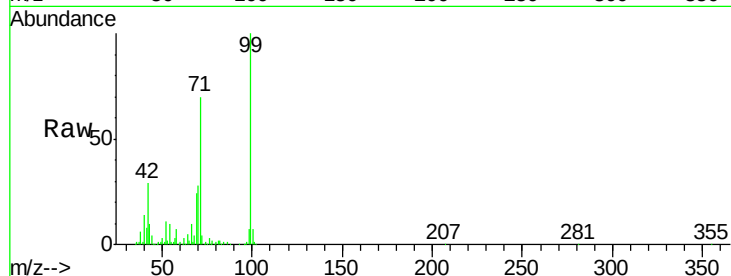
Tot Ion: 99 Resp: 1211790

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

71 69.8 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.94 ng

RT: 7.58 min Scan# 815

Delta R.T. 0.04 min

Lab File: BM011335.D

Acq: 22 Aug 2017 19:58

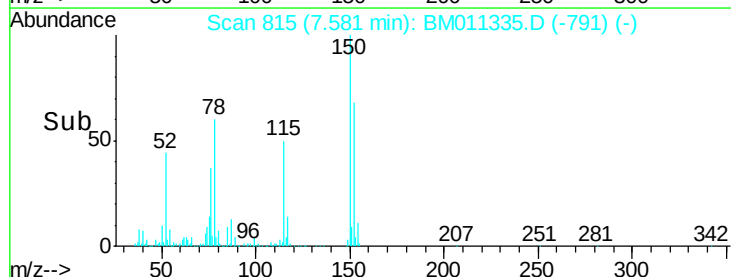
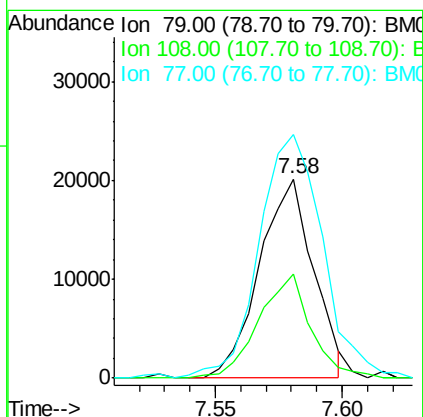
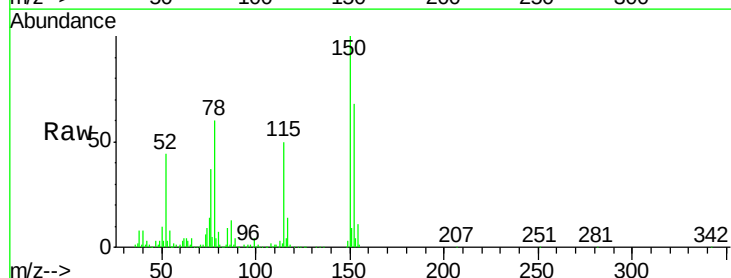
Tgt Ion: 79 Resp: 30149

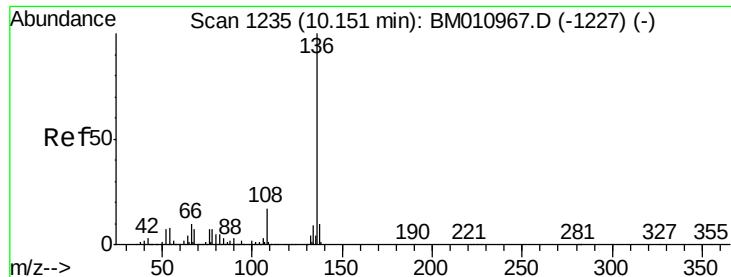
Ion Ratio Lower Upper

79 100

108 52.5 65.0 97.4#

77 122.3 53.0 79.6#

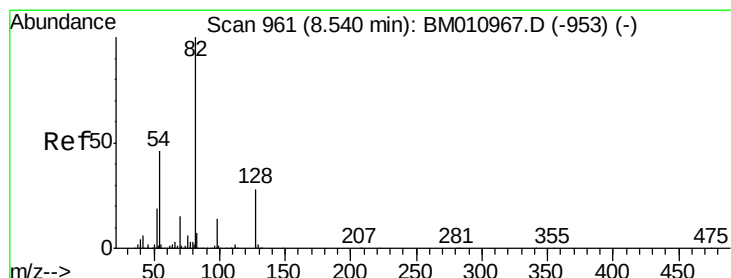
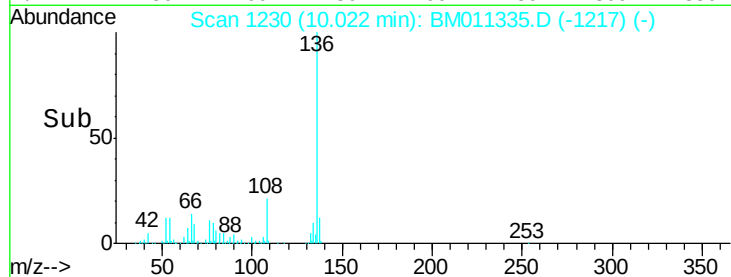
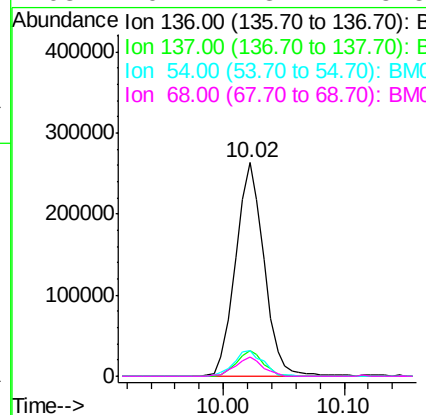
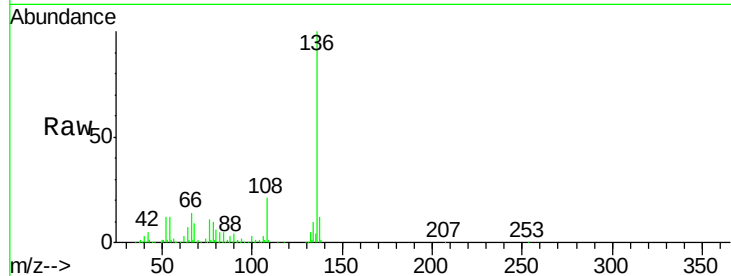




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011335.D
Acq: 22 Aug 2017 19:58

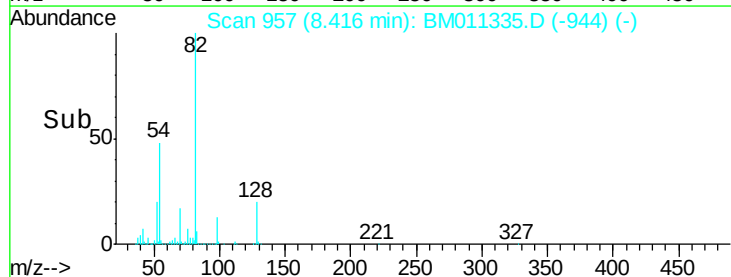
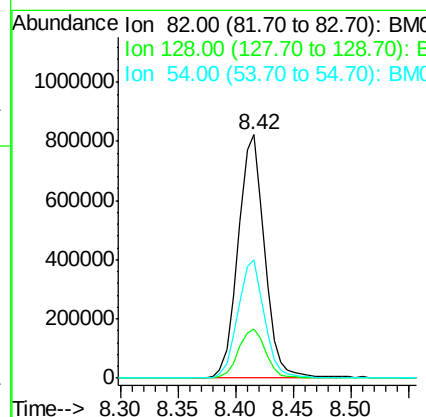
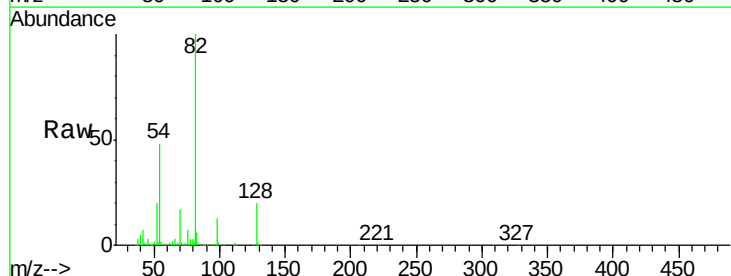
Instrument :
BNA_M
ClientSampleId :
NB-08-081817-B

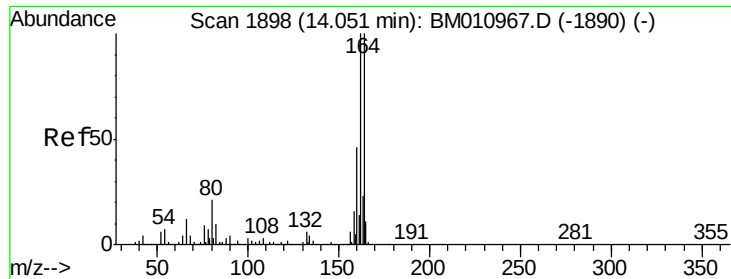
Tot Ion:136	Resp:	431919
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.7	13.1
54 11.8	4.6	6.8#
68 9.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 113.73 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011335.D
Acq: 22 Aug 2017 19:58

Tgt Ion: 82	Resp: 1308785
Ion Ratio	Lower Upper
82 100	
128 20.4	32.8 49.2#
54 48.5	40.6 60.8

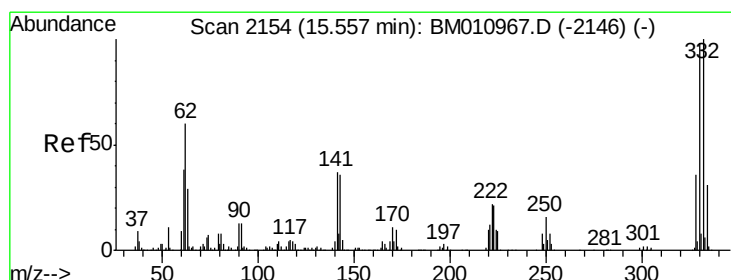
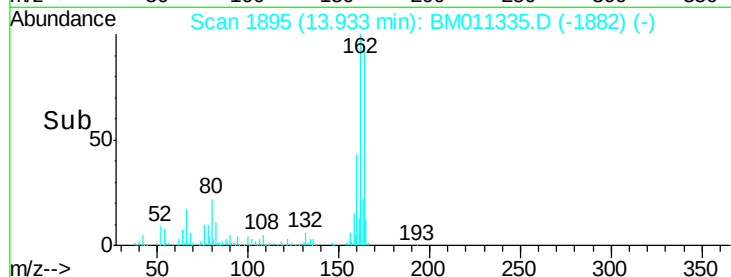
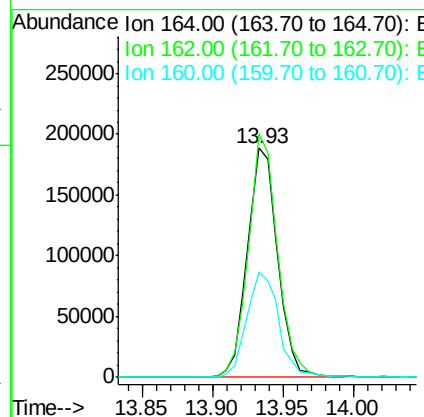
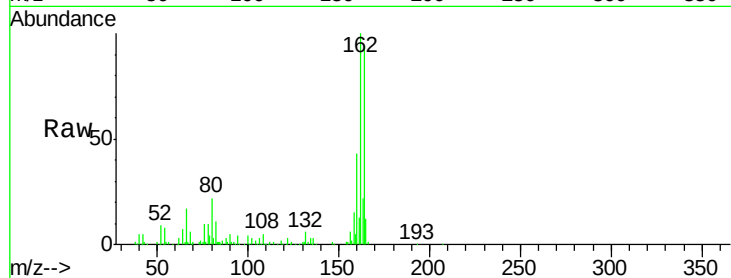




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011335.D
Acq: 22 Aug 2017 19:58

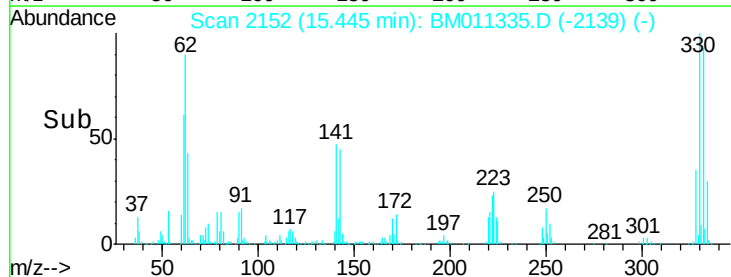
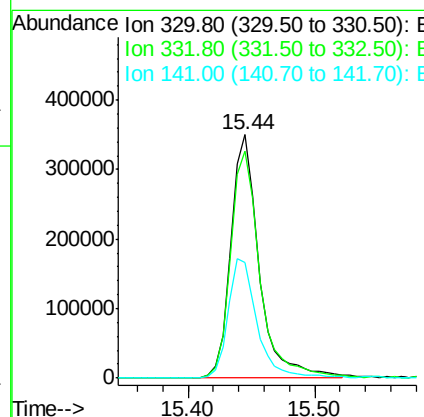
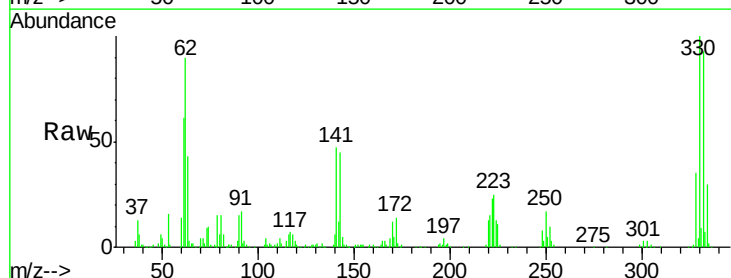
Instrument :
BNA_M
ClientSampleId :
NB-08-081817-B

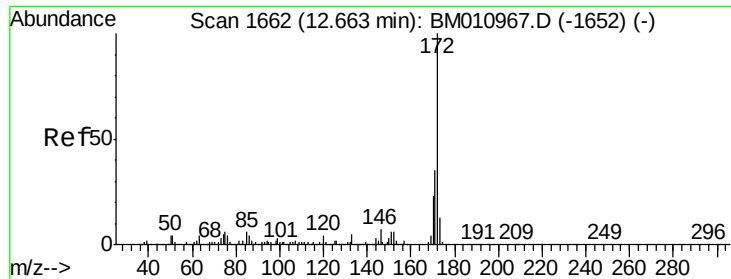
Tot Ion:164 Resp: 284654
Ion Ratio Lower Upper
164 100
162 106.1 82.4 123.6
160 45.7 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 118.68 ng
RT: 15.44 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011335.D
Acq: 22 Aug 2017 19:58

Tgt Ion:330 Resp: 541463
Ion Ratio Lower Upper
330 100
332 96.3 0.0 0.0#
141 50.3 0.0 0.0#



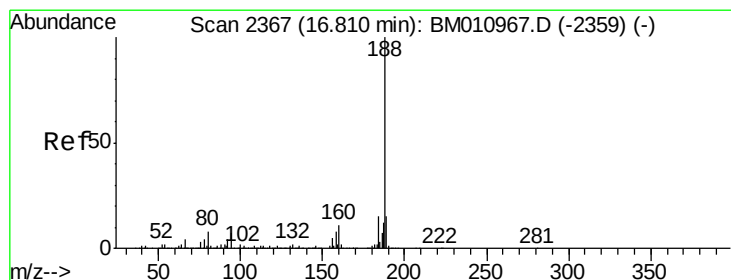
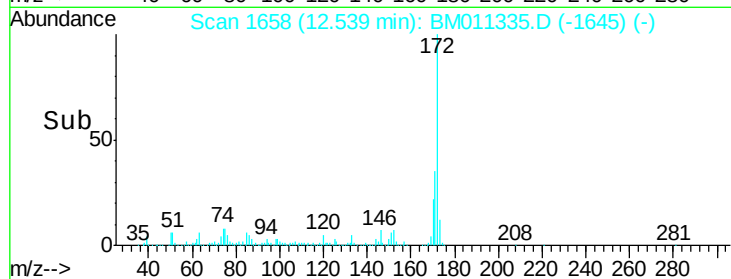
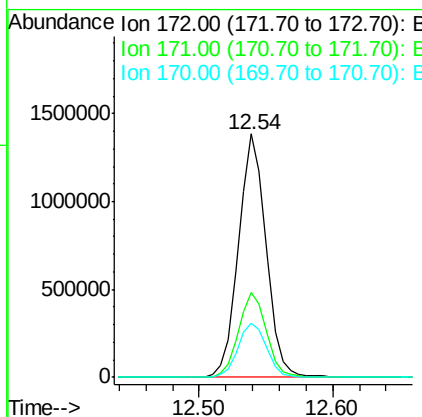
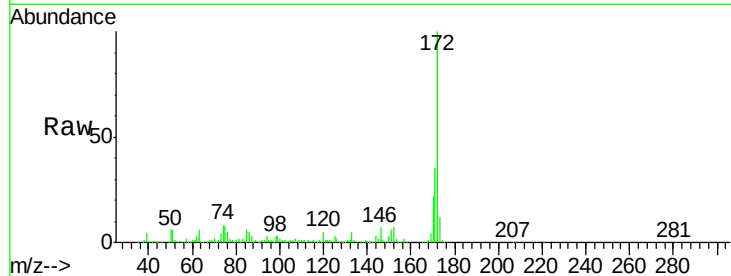


#44
 2-Fluorobiphenyl
 Concen: 87.15 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011335.D
 Acq: 22 Aug 2017 19:58

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-081817-B

Tot Ion:172 Resp: 1978001

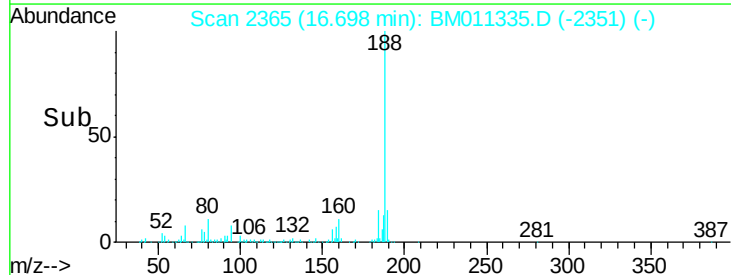
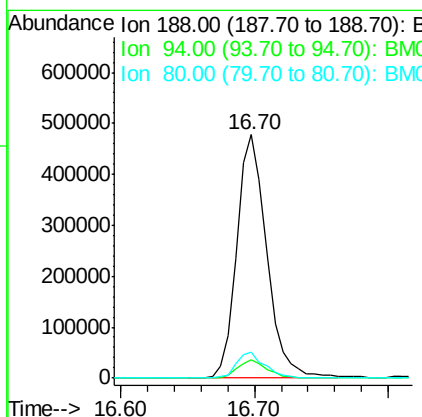
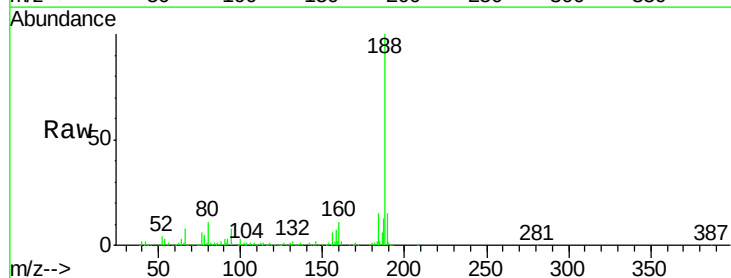
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.5	18.8	28.2

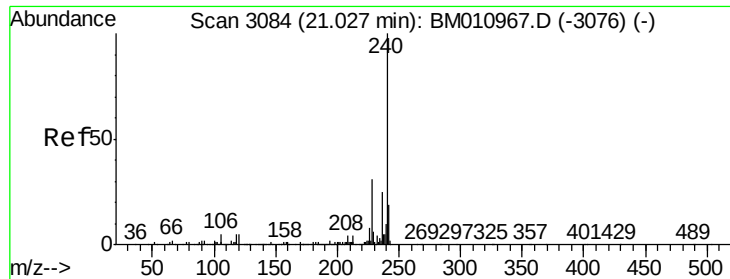


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.70 min Scan# 2365
 Delta R.T. -0.02 min
 Lab File: BM011335.D
 Acq: 22 Aug 2017 19:58

Tgt Ion:188 Resp: 742671

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	10.9	9.3	13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.92 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM011335.D

Acq: 22 Aug 2017 19:58

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-B

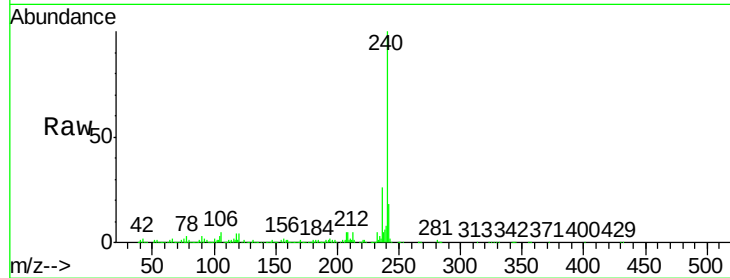
Tot Ion:240 Resp: 980189

Ion Ratio Lower Upper

240 100

120 4.3 8.2 12.2#

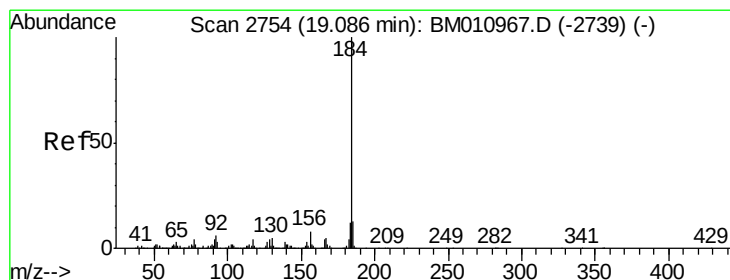
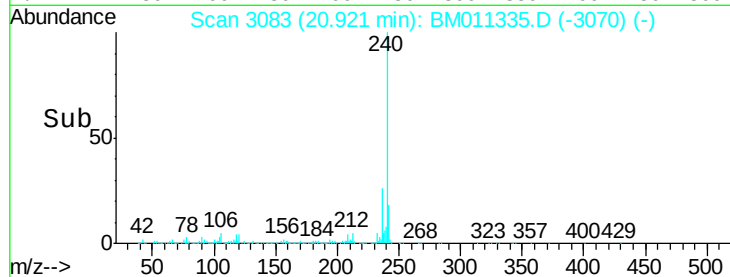
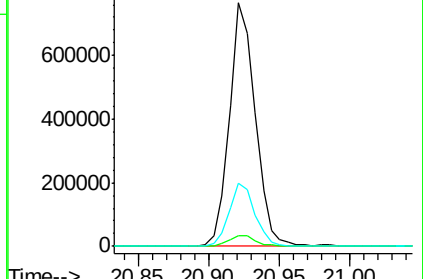
236 26.1 20.0 30.0



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: 9.09 ng

RT: 18.99 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM011335.D

Acq: 22 Aug 2017 19:58

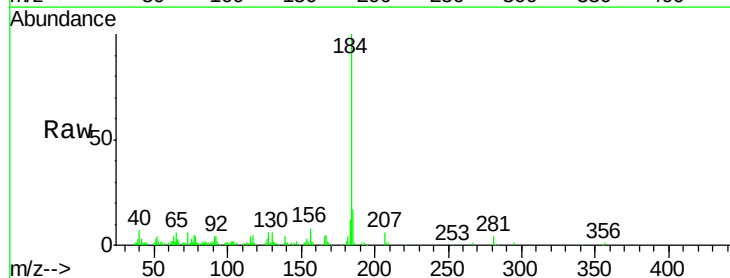
Tgt Ion:184 Resp: 213102

Ion Ratio Lower Upper

184 100

185 16.5 11.3 16.9

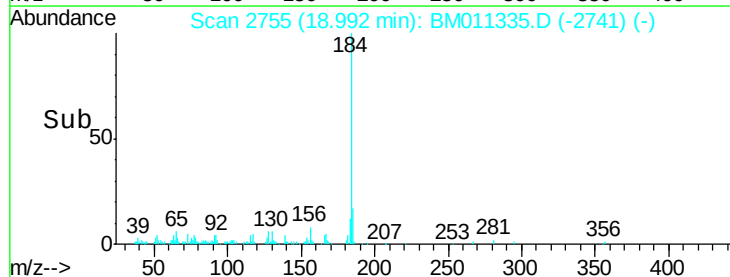
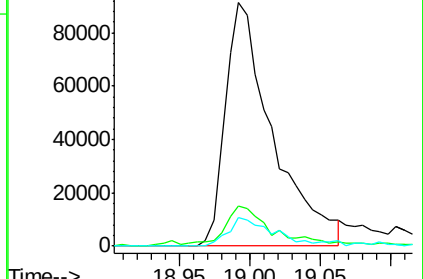
183 11.9 8.9 13.3

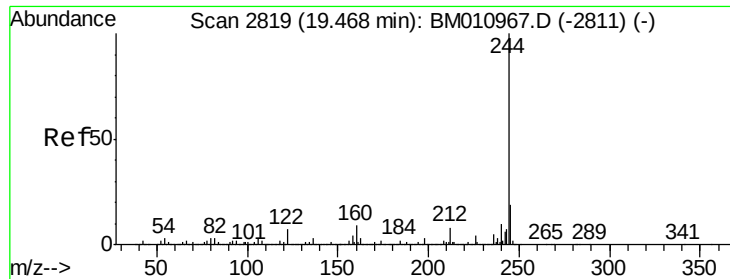


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 75.14 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011335.D

Acq: 22 Aug 2017 19:58

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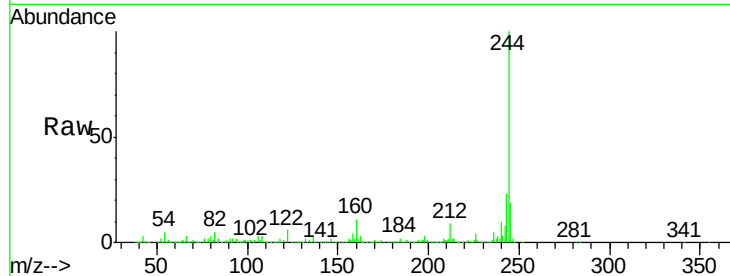
Tot Ion:244 Resp: 3717923

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

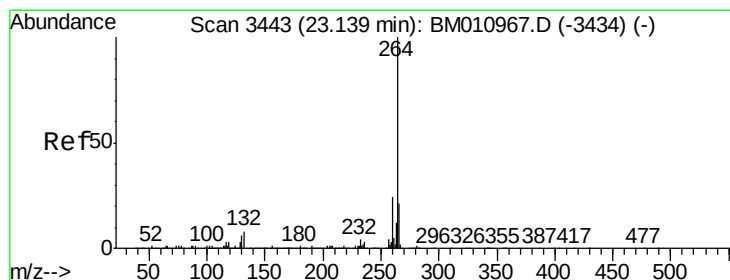
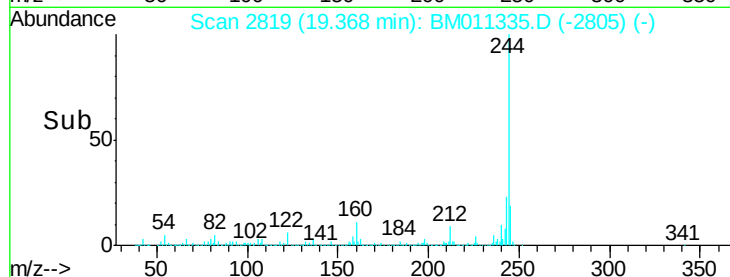
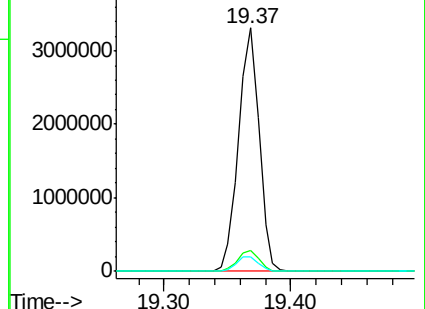
122 5.8 6.2 9.4#



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: BM011335.D

Acq: 22 Aug 2017 19:58

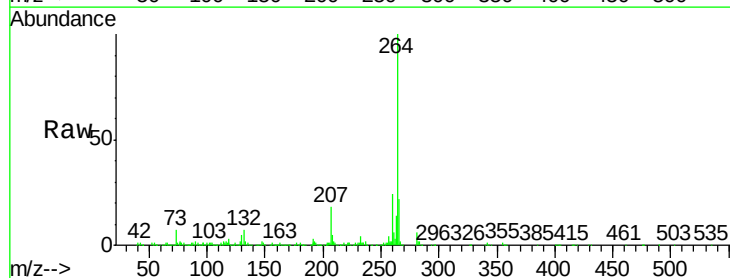
Tgt Ion:264 Resp: 973597

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.0 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

