

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011006.D
 Acq On : 27 Jul 2017 12:24
 Operator : SJ/JU
 Sample : I4419-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:02:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

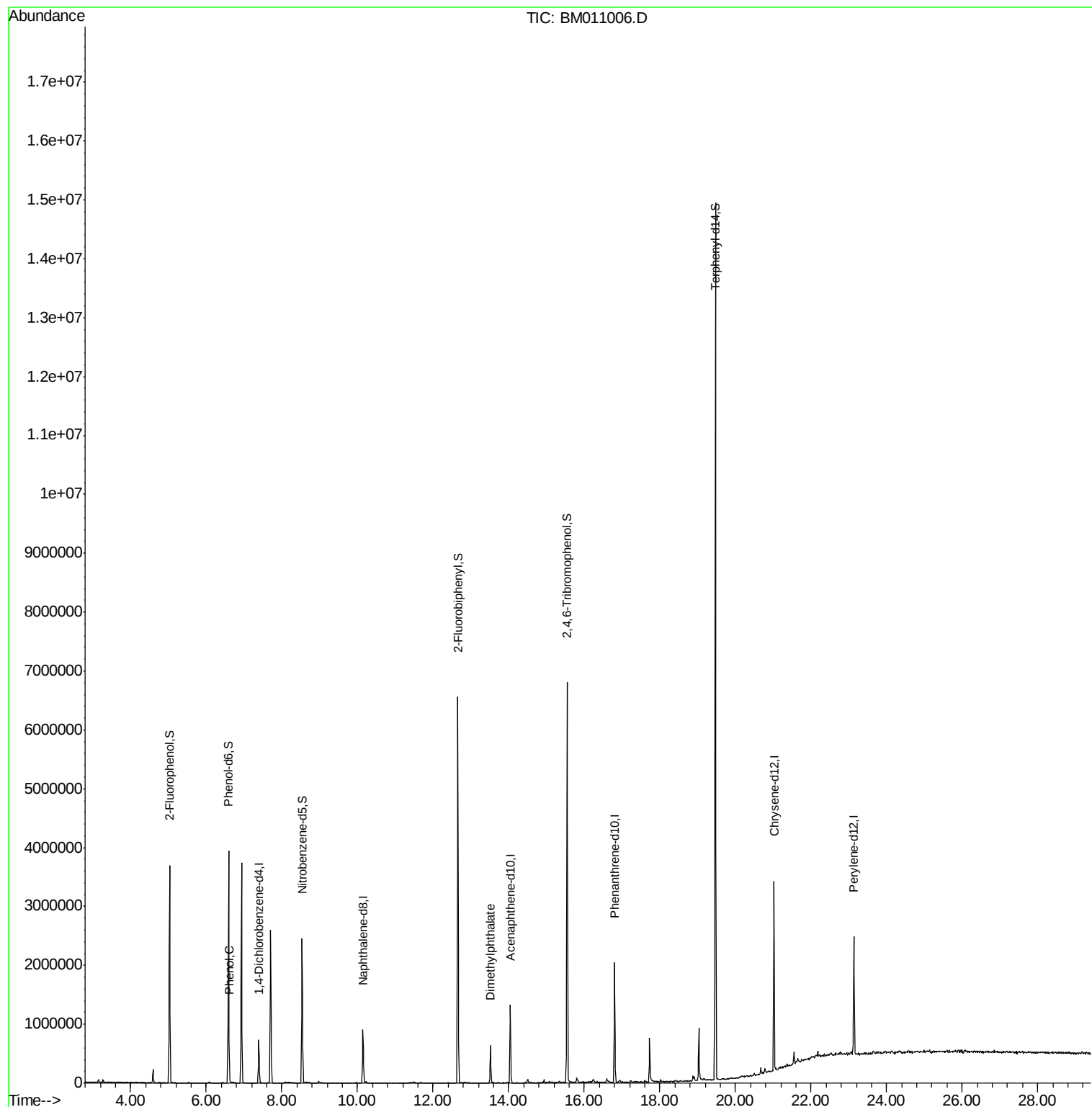
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	141886	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	554944	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	371824	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1013734	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1465436	20.00	ng	0.00
86) Perylene-d12	23.13	264	1371836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1087714	129.59	ng	0.00
7) Phenol-d6	6.59	99	1639852	137.51	ng	0.00
23) Nitrobenzene-d5	8.53	82	1338971	90.56	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	931812	156.36	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2736400	92.30	ng	0.00
78) Terphenyl-d14	19.47	244	5462506	73.84	ng	0.00
Target Compounds						
10) Phenol	6.61	94	48625	3.75	ng	Qvalue # 75
49) Dimethylphthalate	13.52	163	312539	9.83	ng	99

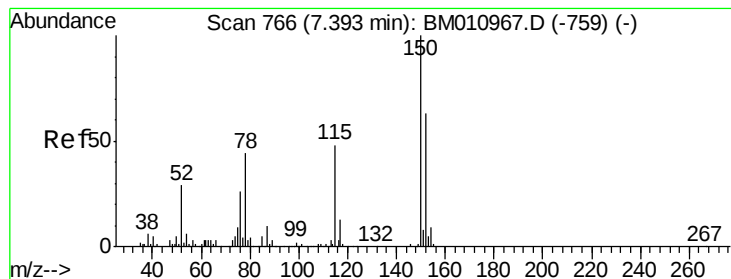
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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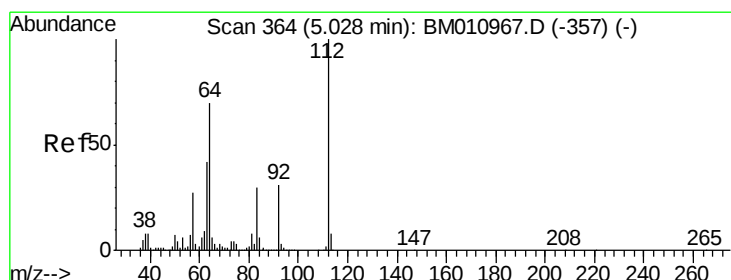
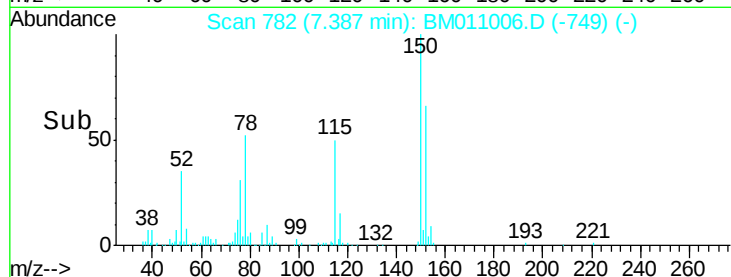
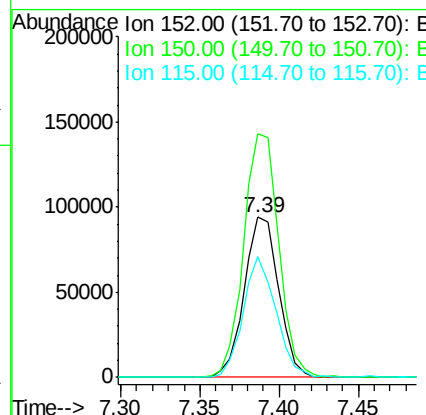
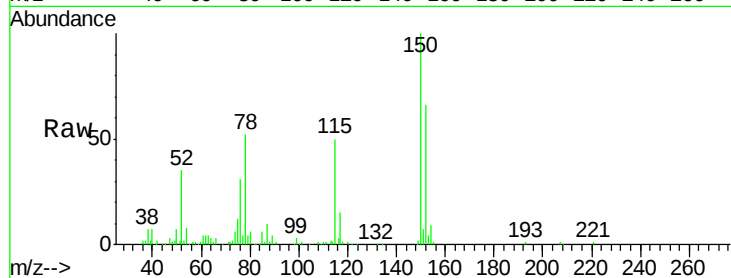




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.39 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BM011006.D
 Acq: 27 Jul 2017 12:24

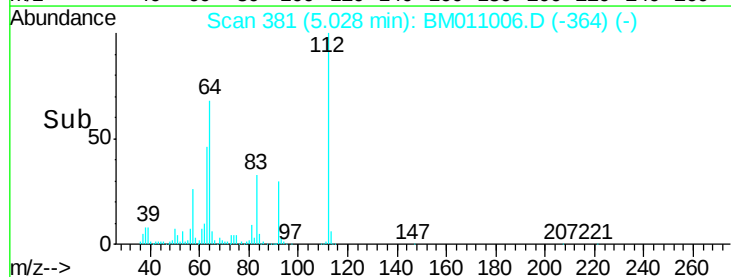
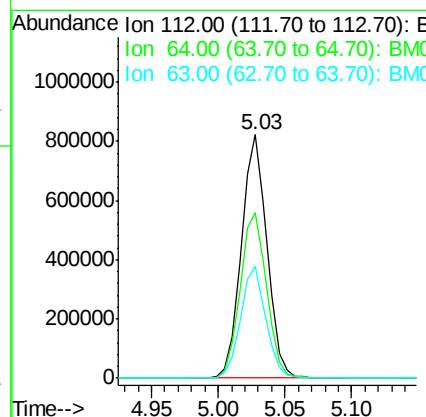
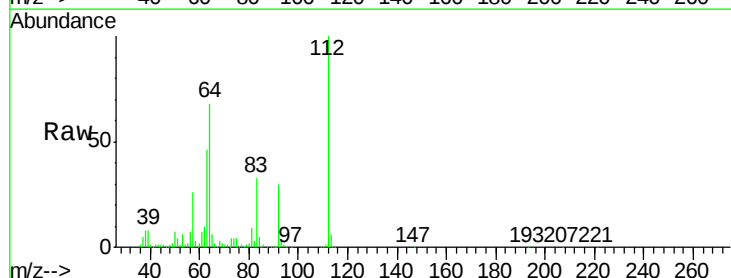
Instrument :
 BNA_M
 ClientSampled :

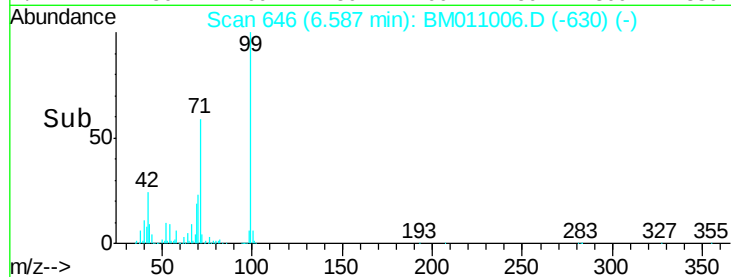
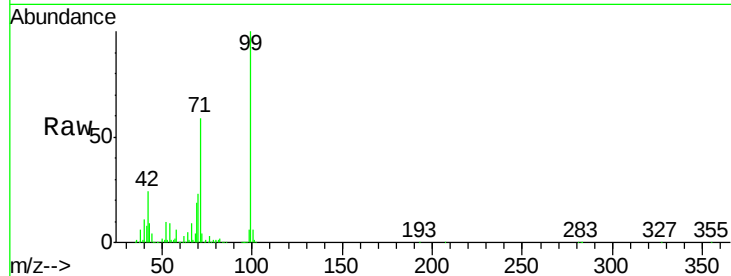
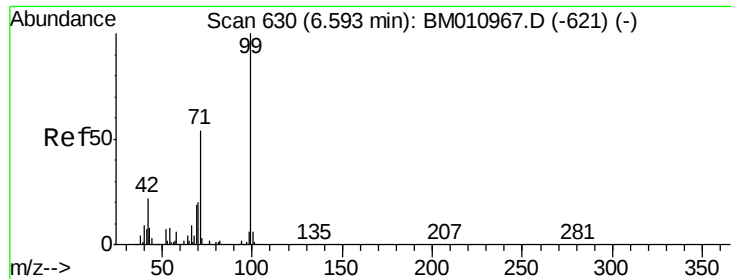
Tot Ion:152 Resp: 141886
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.5 179.3
 115 75.5 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 129.59 ng
 RT: 5.03 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BM011006.D
 Acq: 27 Jul 2017 12:24

Tgt Ion:112 Resp: 1087714
 Ion Ratio Lower Upper
 112 100
 64 68.2 38.6 57.8#
 63 45.8 19.3 28.9#





#7

Phenol-d6

Concen: 137.51 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011006.D

Acq: 27 Jul 2017 12:24

Instrument :

BNA_M

ClientSampleId :

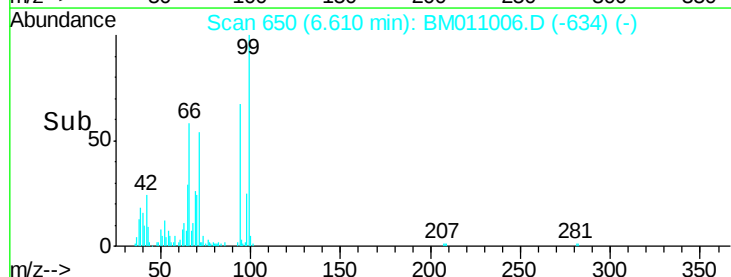
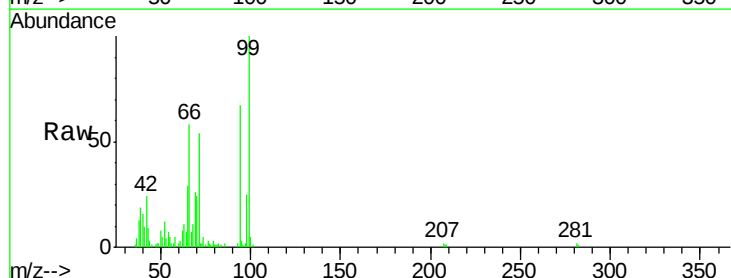
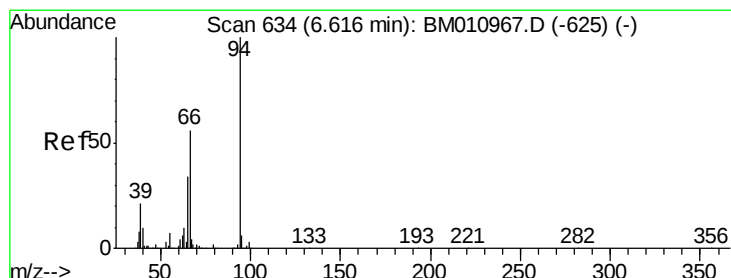
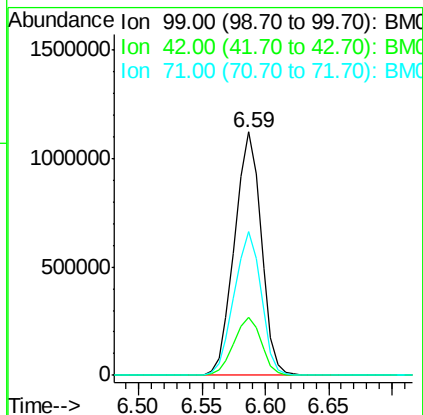
Tot Ion: 99 Resp: 1639852

Ion Ratio Lower Upper

99 100

42 23.9 11.0 16.4#

71 59.0 23.4 35.2#



#10

Phenol

Concen: 3.75 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011006.D

Acq: 27 Jul 2017 12:24

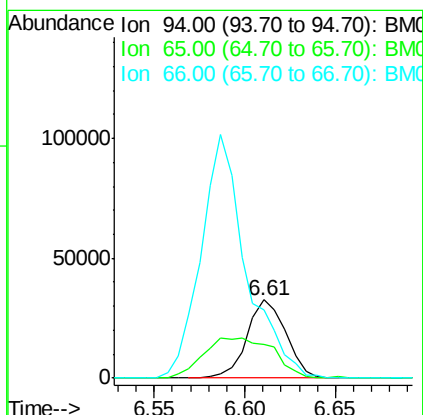
Tgt Ion: 94 Resp: 48625

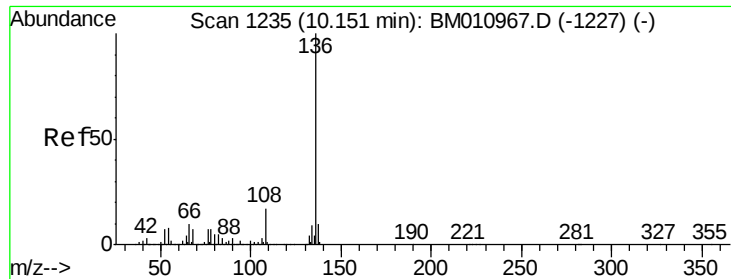
Ion Ratio Lower Upper

94 100

65 43.6 18.8 58.8

66 86.7 39.9 79.9#

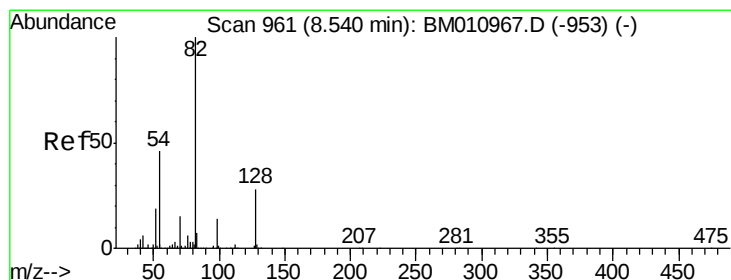
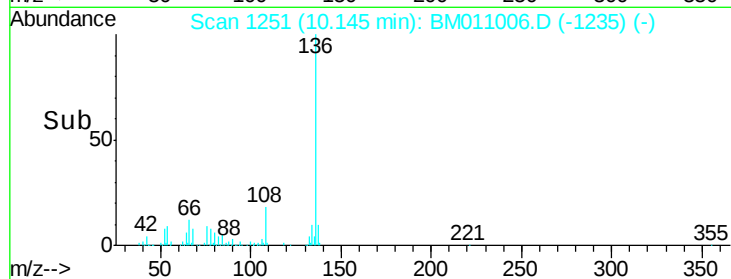
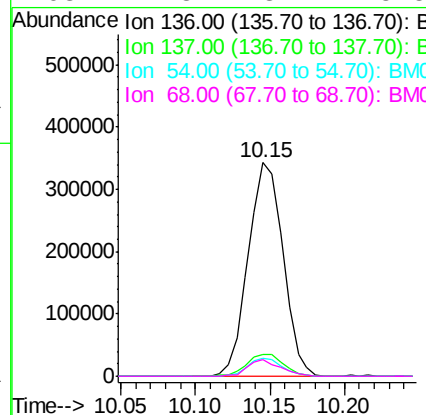
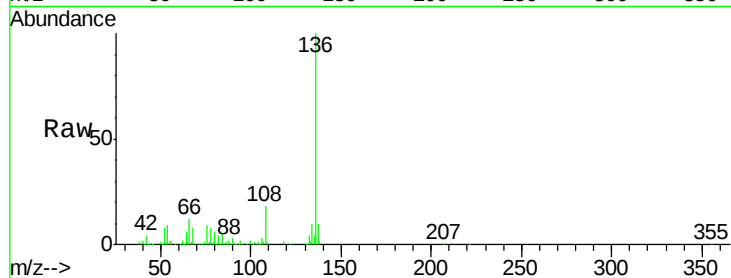




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011006.D
Acq: 27 Jul 2017 12:24

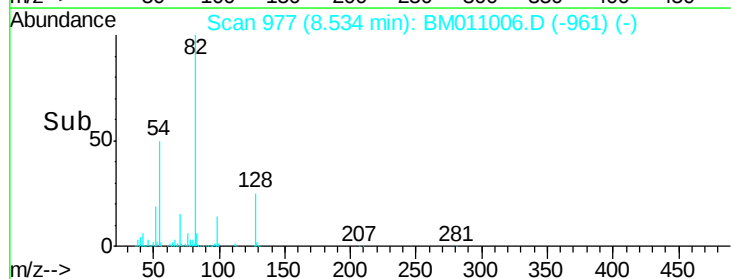
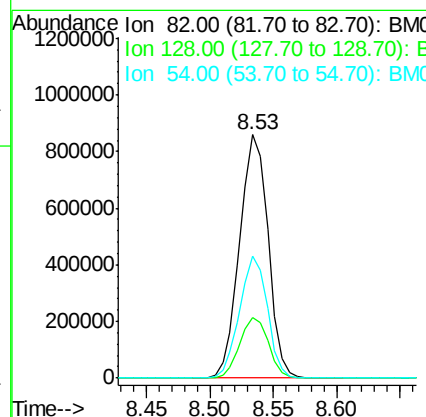
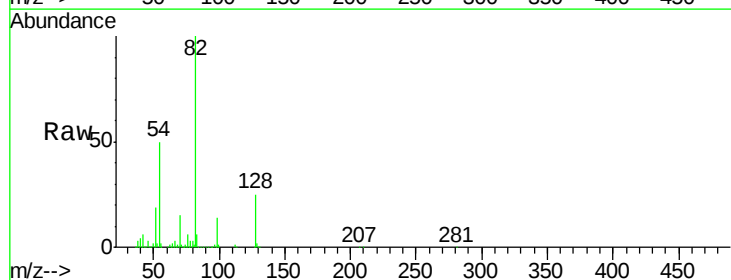
Instrument :
BNA_M
ClientSampleId :

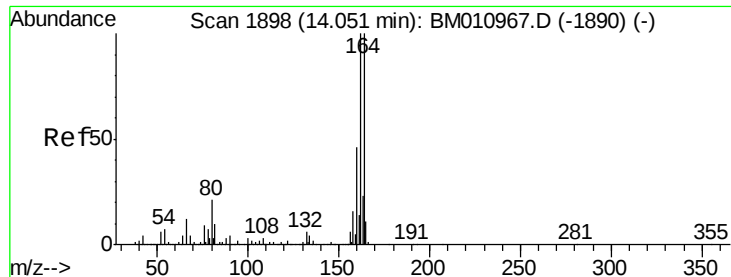
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	8.7	4.6	6.8#
68	7.8	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 90.56 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011006.D
Acq: 27 Jul 2017 12:24

Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.9	32.8	49.2#
54	49.9	40.6	60.8

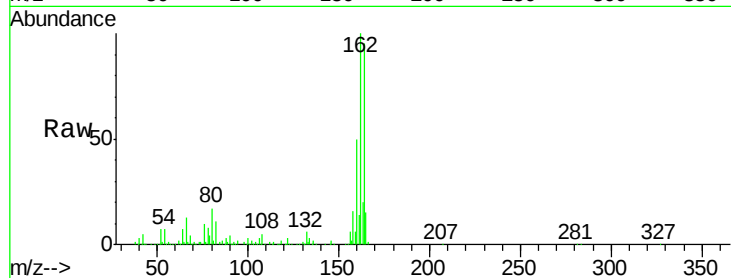




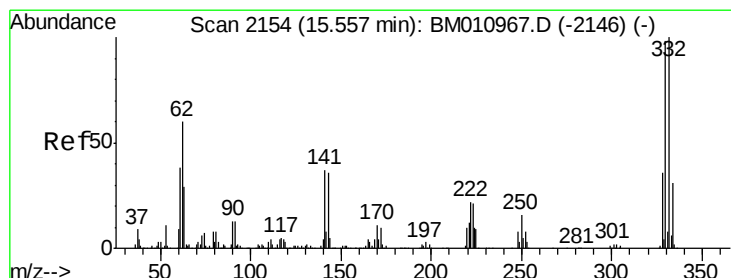
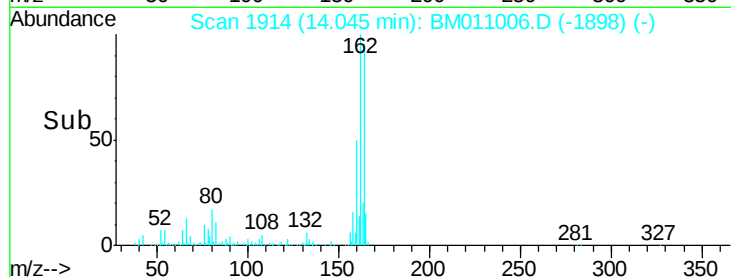
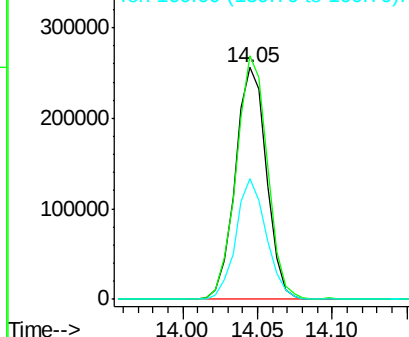
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011006.D
Acq: 27 Jul 2017 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 371824
Ion Ratio Lower Upper
164 100
162 105.2 82.4 123.6
160 52.1 35.8 53.6

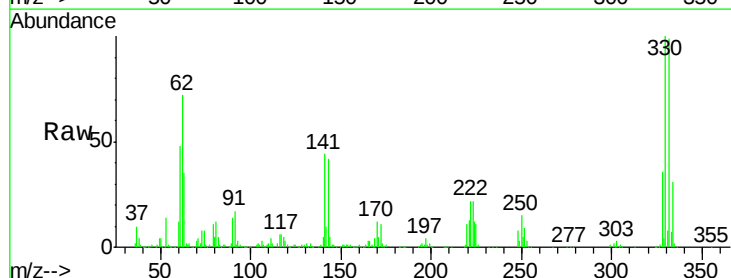


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

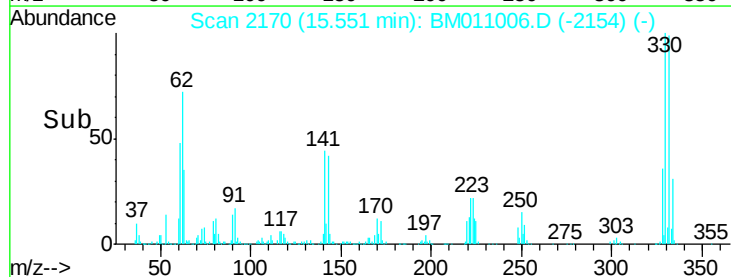
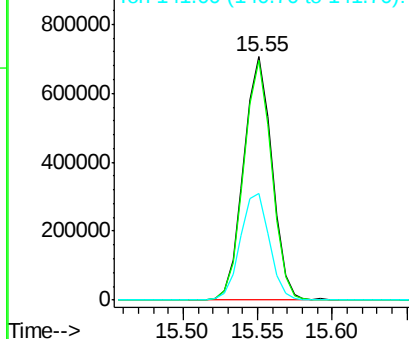


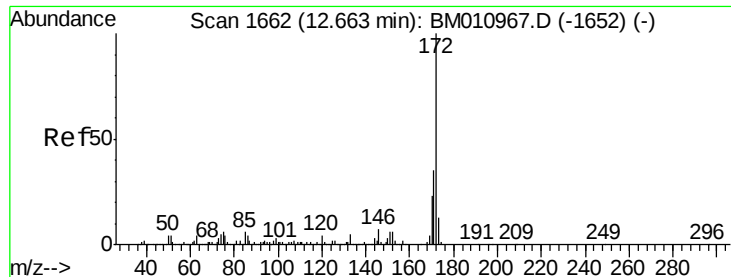
#41
2,4,6-Tribromophenol
Concen: 156.36 ng
RT: 15.55 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM011006.D
Acq: 27 Jul 2017 12:24

Tgt Ion:330 Resp: 931812
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 44.9 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



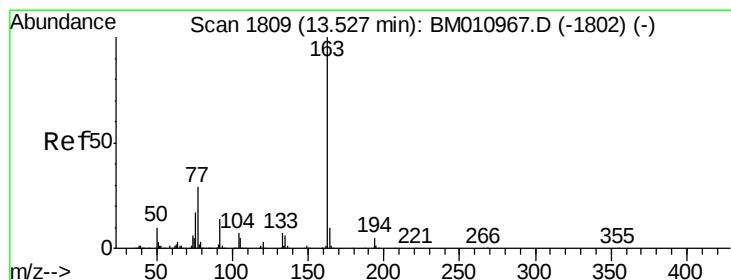
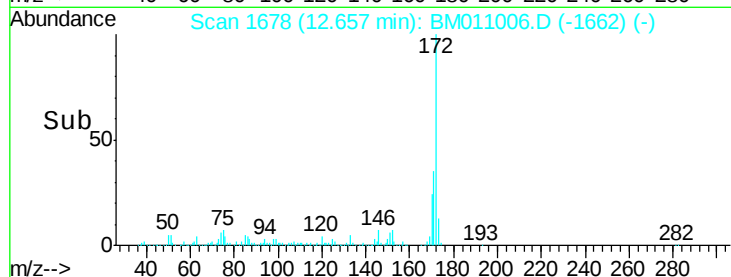
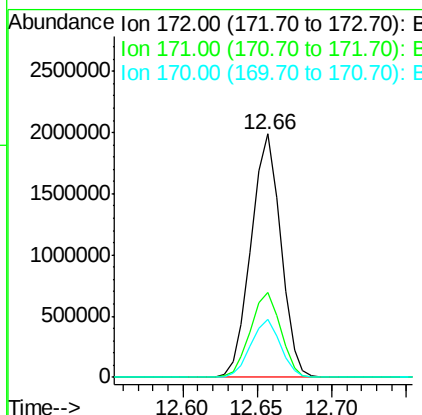
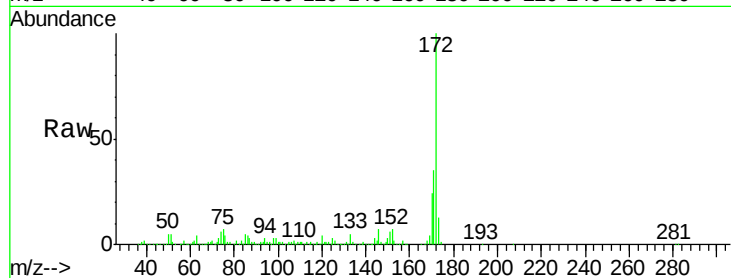


#44
 2-Fluorobiphenyl
 Concen: 92.30 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011006.D
 Acq: 27 Jul 2017 12:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2736400

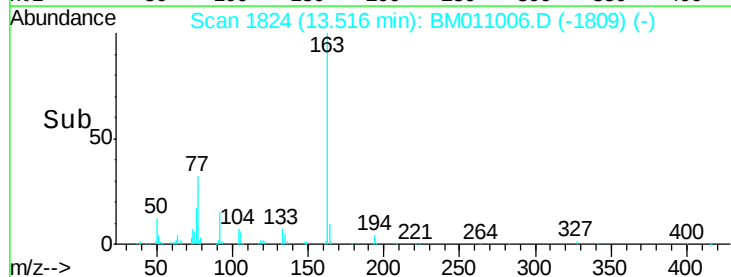
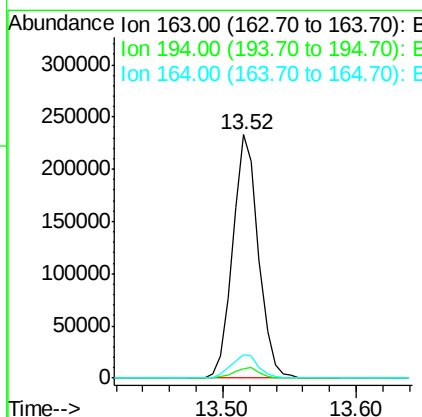
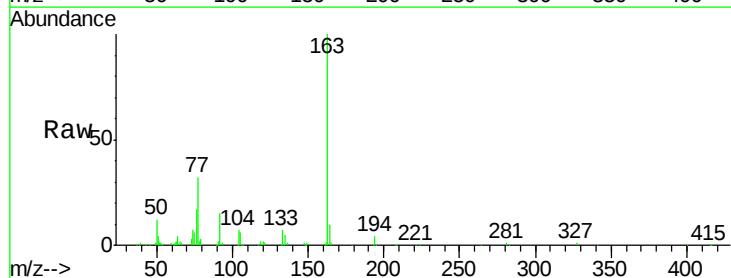
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.7	18.8	28.2

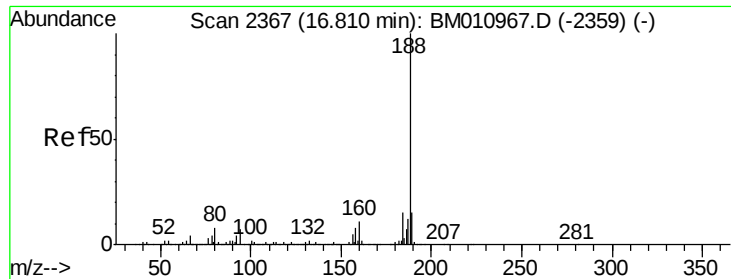


#49
 Dimethylphthalate
 Concen: 9.83 ng
 RT: 13.52 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BM011006.D
 Acq: 27 Jul 2017 12:24

Tgt Ion:163 Resp: 312539

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

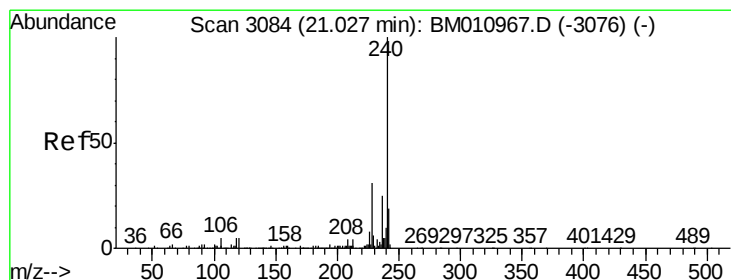
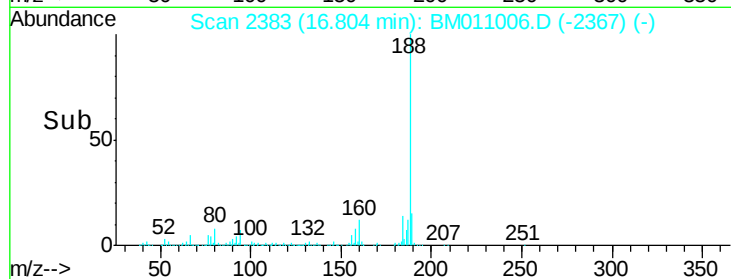
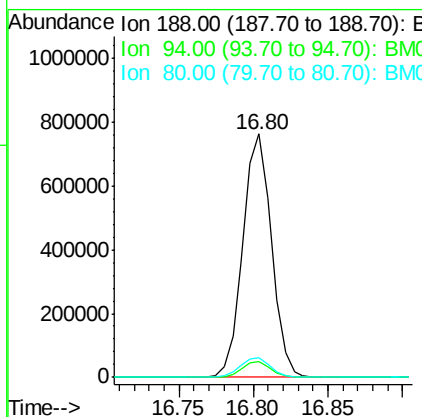
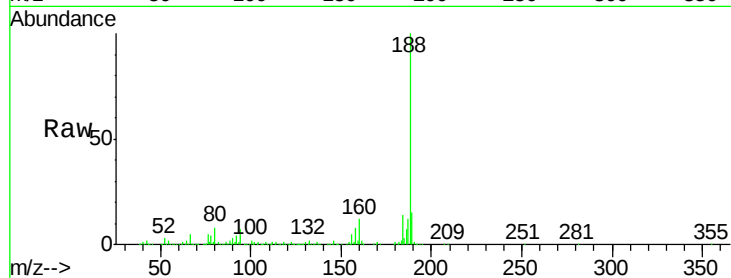




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011006.D
Acq: 27 Jul 2017 12:24

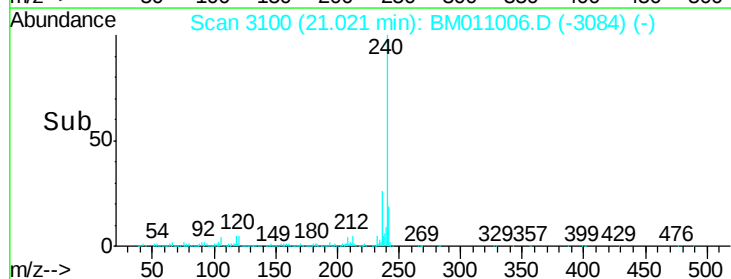
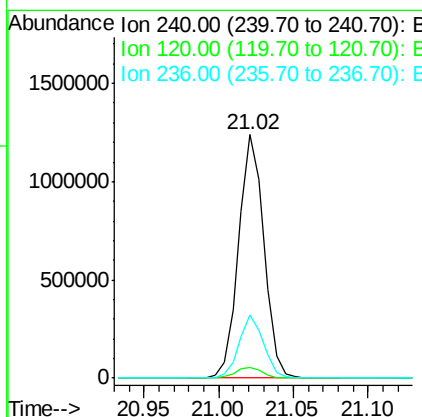
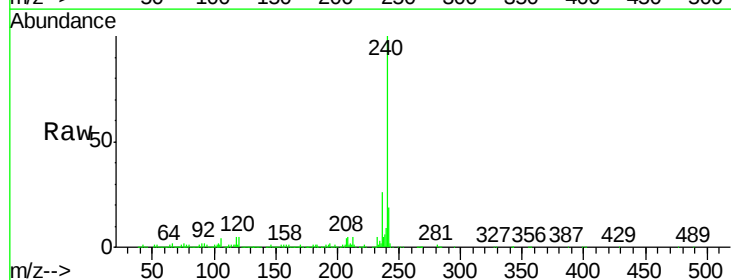
Instrument :
BNA_M
ClientSampleId :

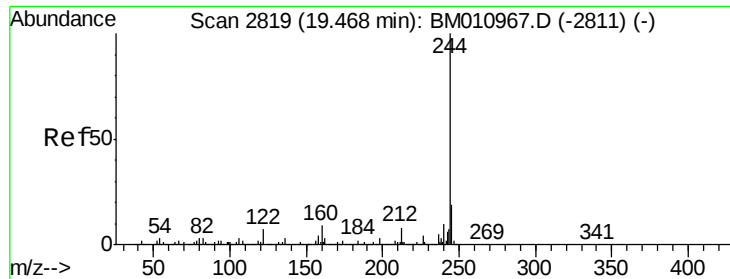
Tot Ion:188 Resp: 1013734
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011006.D
Acq: 27 Jul 2017 12:24

Tgt Ion:240 Resp: 1465436
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 73.84 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011006.D

Acq: 27 Jul 2017 12:24

Instrument :

BNA_M

ClientSampleId :

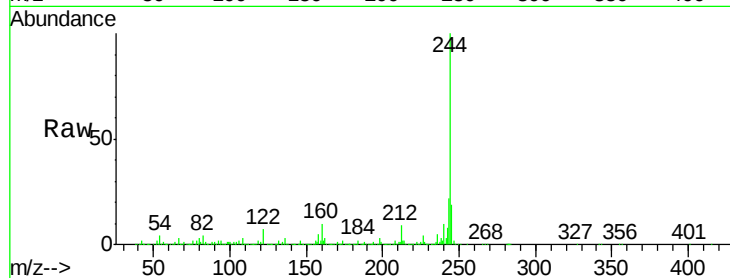
Tot Ion:244 Resp: 5462506

Ion Ratio Lower Upper

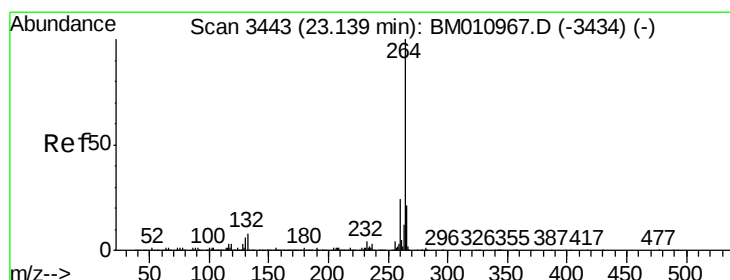
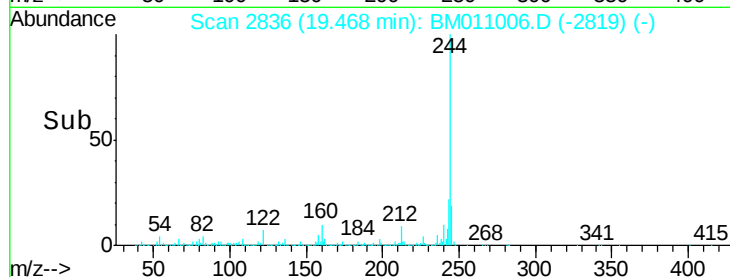
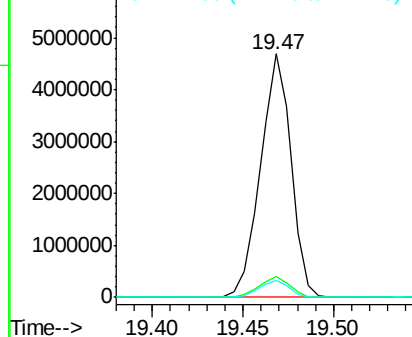
244 100

212 8.6 4.9 7.3#

122 6.7 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: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011006.D

Acq: 27 Jul 2017 12:24

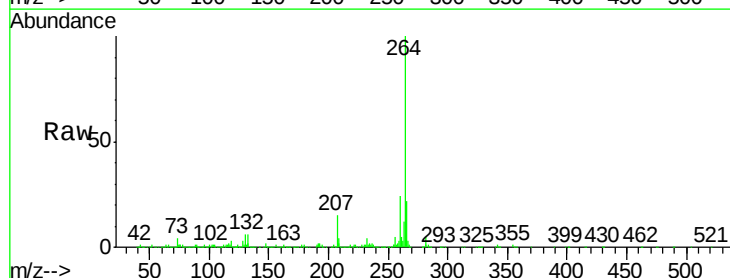
Tgt Ion:264 Resp: 1371836

Ion Ratio Lower Upper

264 100

260 23.7 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

