

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011025.D
 Acq On : 27 Jul 2017 23:47
 Operator : SJ/JU
 Sample : I4434-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:08:41 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

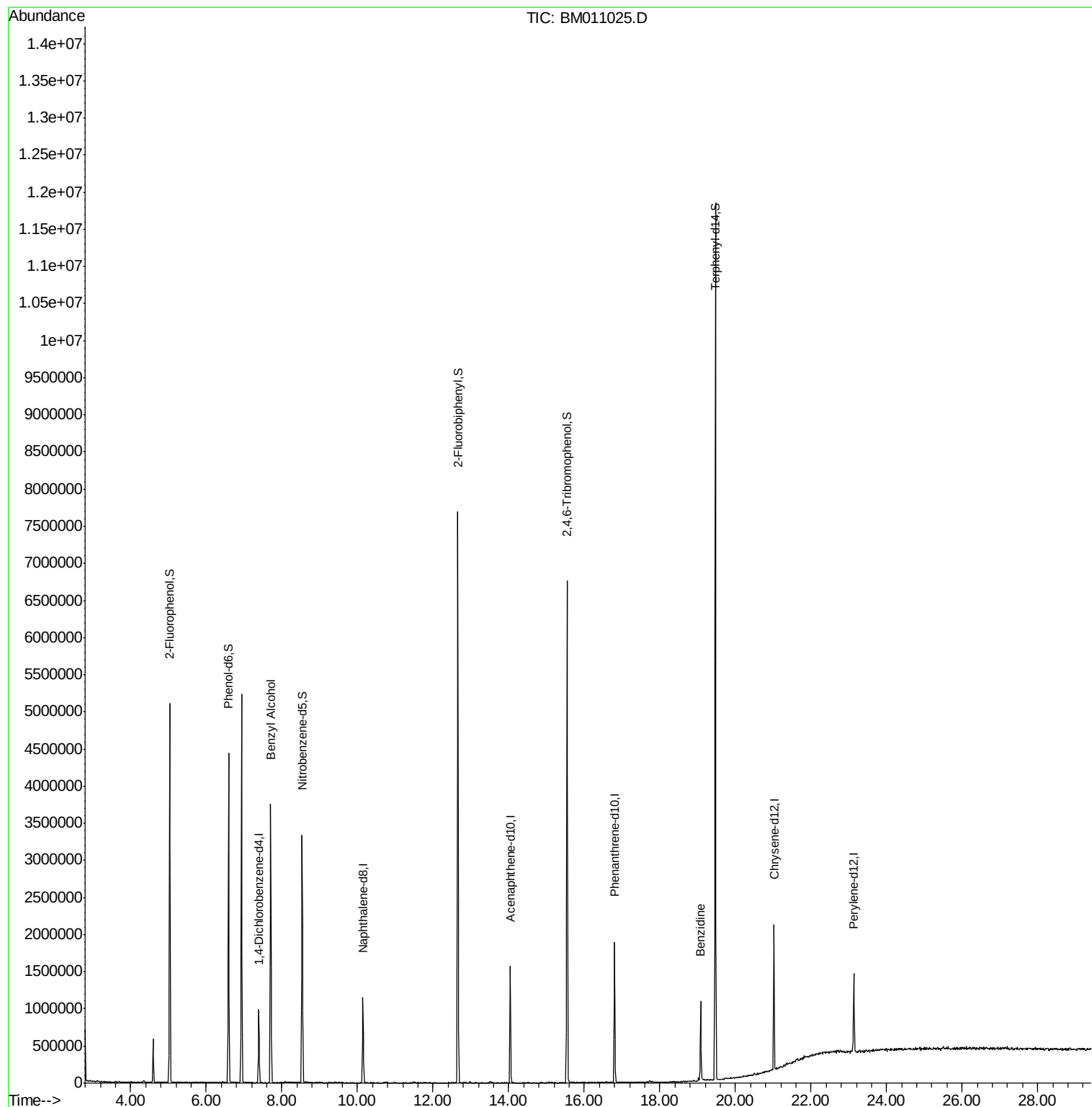
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	194306	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	689769	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	436639	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1009495	20.00	ng	0.00
75) Chrysene-d12	21.02	240	875815	20.00	ng	0.00
86) Perylene-d12	23.13	264	755290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1502539	130.72	ng	0.00
7) Phenol-d6	6.59	99	1869364	114.46	ng	0.00
23) Nitrobenzene-d5	8.53	82	1815201	98.77	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	962695	137.56	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3262604	93.71	ng	0.00
78) Terphenyl-d14	19.47	244	4403238	99.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	31678	2.02	ng	Qvalue # 40
76) Benzidine	19.08	184	550019	26.25	ng	99

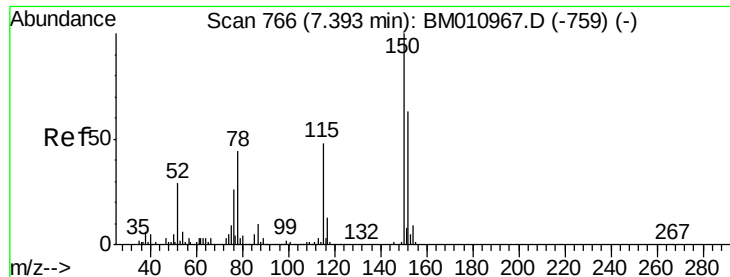
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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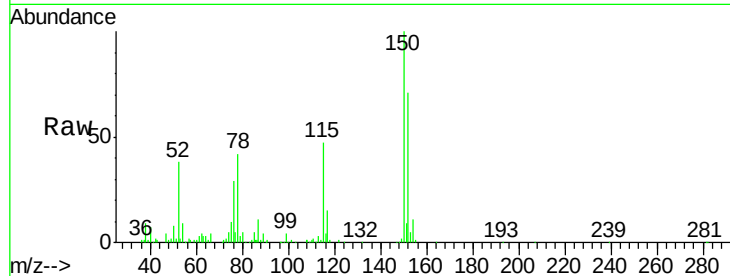


#1

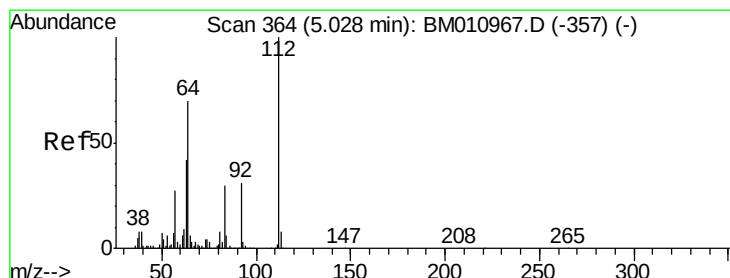
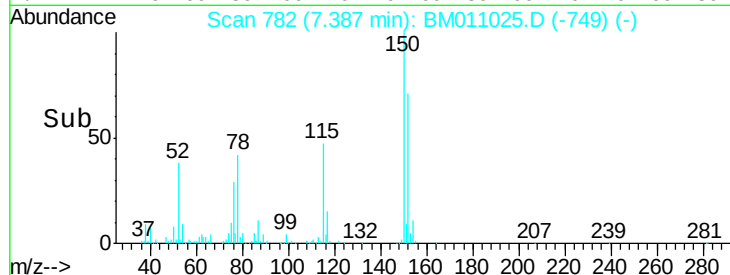
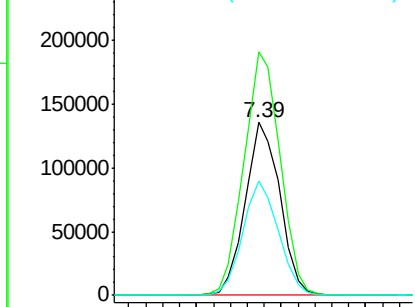
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 194306
Ion Ratio Lower Upper
152 100
150 141.0 119.5 179.3
115 66.6 43.0 64.4#



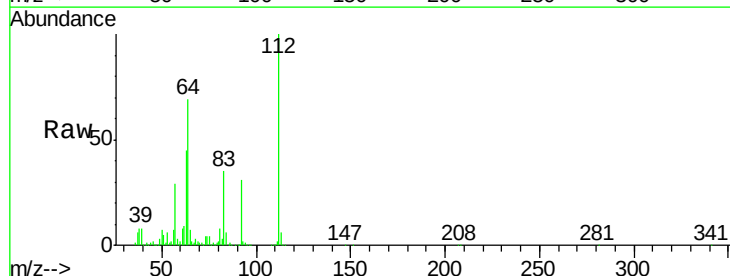
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



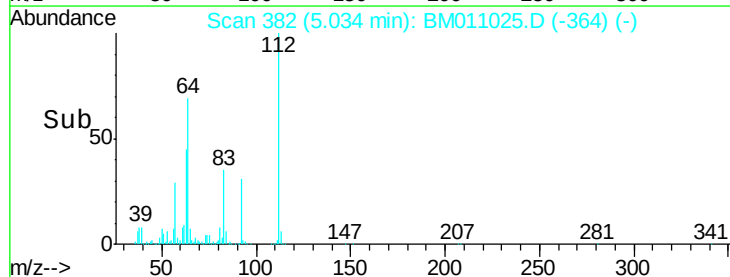
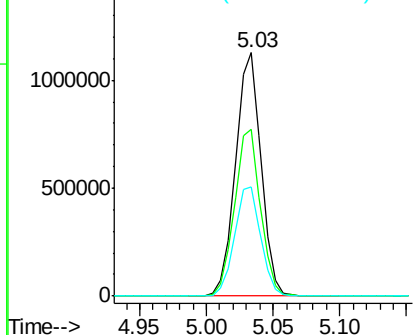
#5

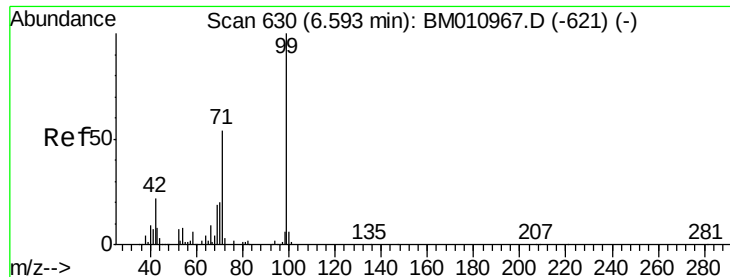
2-Fluorophenol
Concen: 130.72 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Tgt Ion:112 Resp: 1502539
Ion Ratio Lower Upper
112 100
64 68.7 38.6 57.8#
63 44.6 19.3 28.9#



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: 114.46 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Instrument :

BNA_M

ClientSampleId :

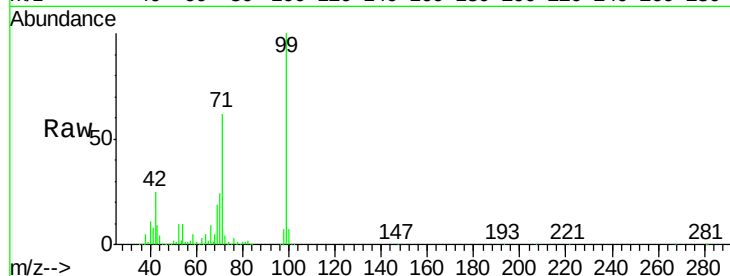
Tot Ion: 99 Resp: 1869364

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

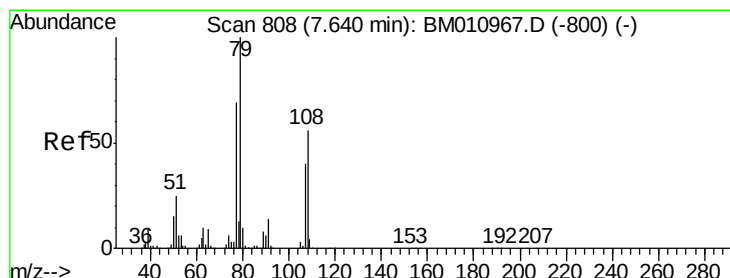
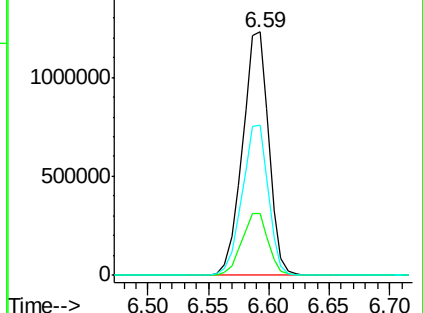
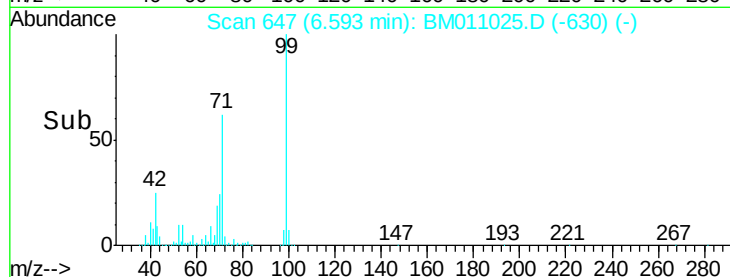
71 61.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011025.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011025.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011025.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.70 min Scan# 836

Delta R.T. 0.06 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

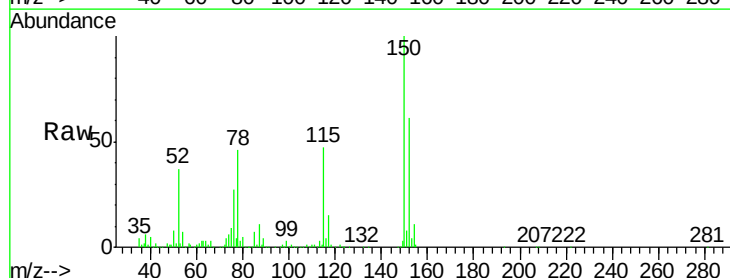
Tgt Ion: 79 Resp: 31678

Ion Ratio Lower Upper

79 100

108 45.6 65.0 97.4#

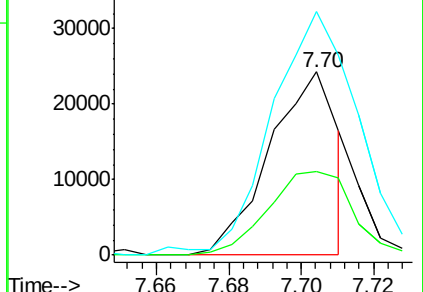
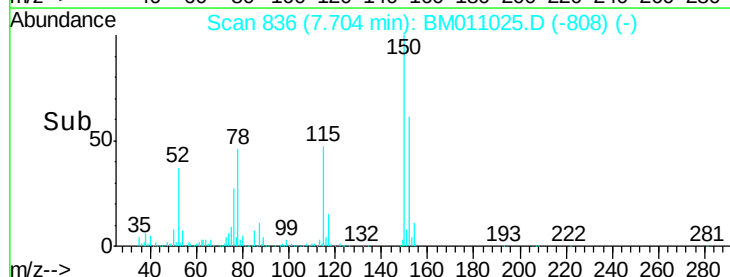
77 132.7 53.0 79.6#

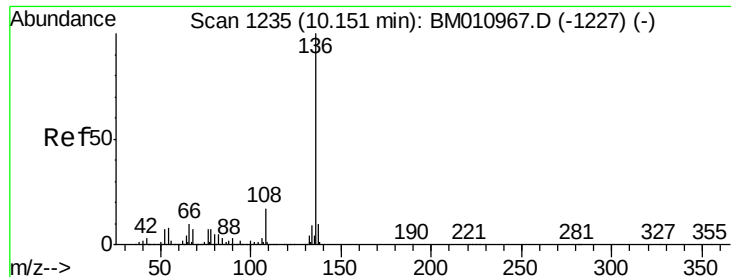


Abundance Ion 79.00 (78.70 to 79.70): BM011025.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011025.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011025.D (-808) (-)

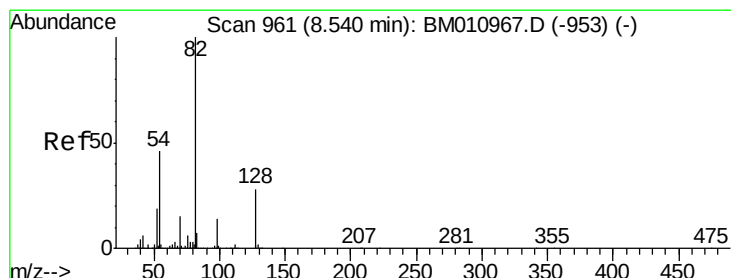
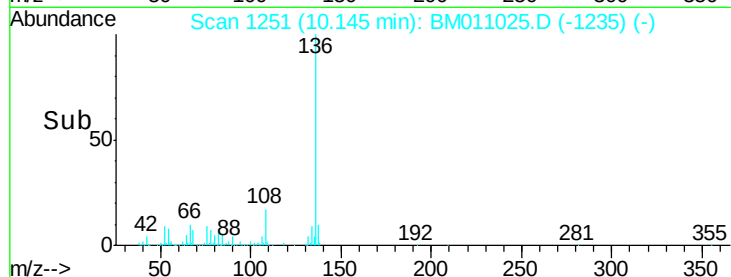
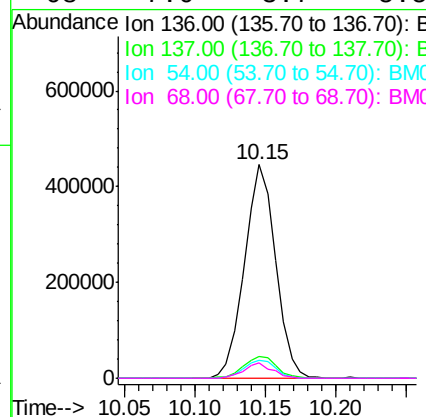
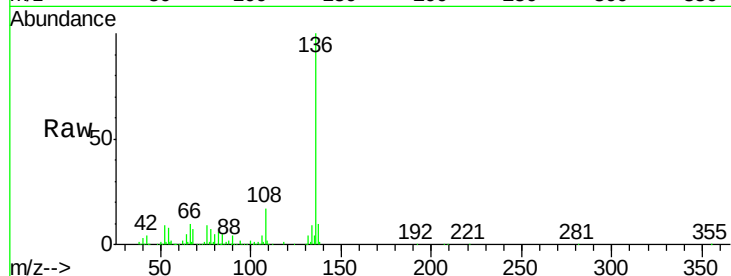




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

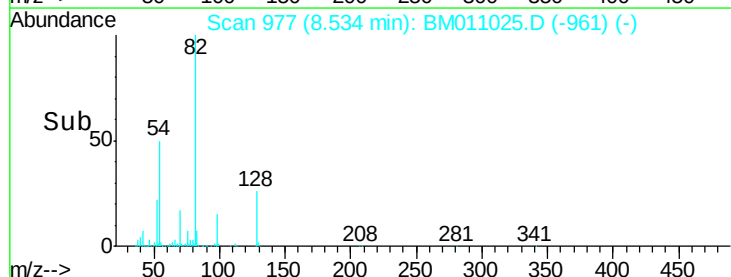
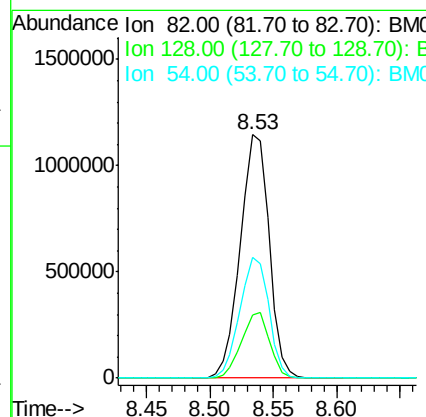
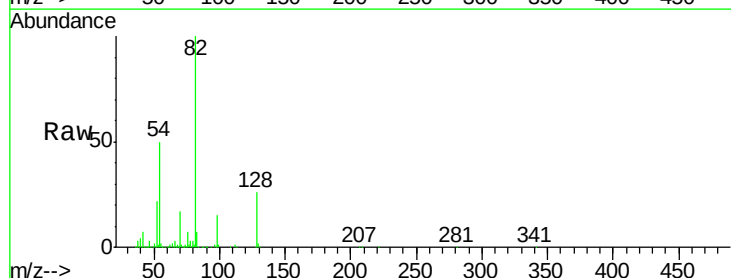
Instrument :
BNA_M
ClientSampleId :

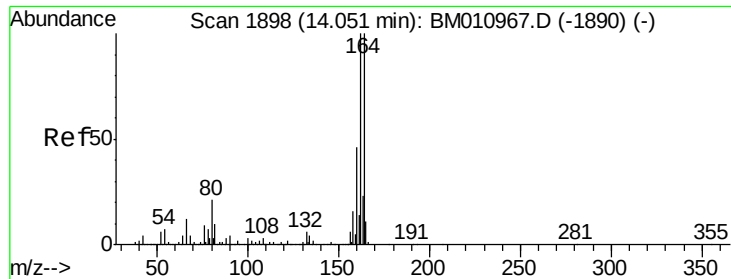
Tot Ion:	136	Resp:	689769
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	8.2	4.6	6.8#
68	7.0	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 98.77 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Tgt Ion:	82	Resp:	1815201
Ion	Ratio	Lower	Upper
82	100		
128	26.1	32.8	49.2#
54	49.5	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: BM011025.D

Acq: 27 Jul 2017 23:47

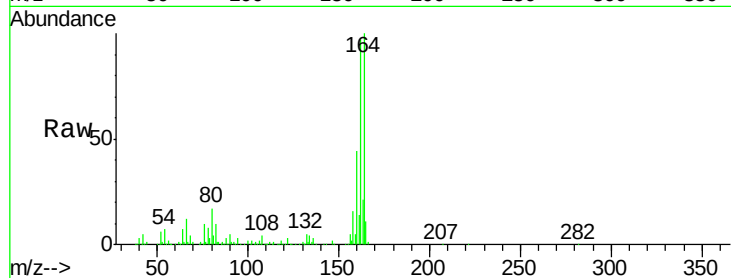
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 436639

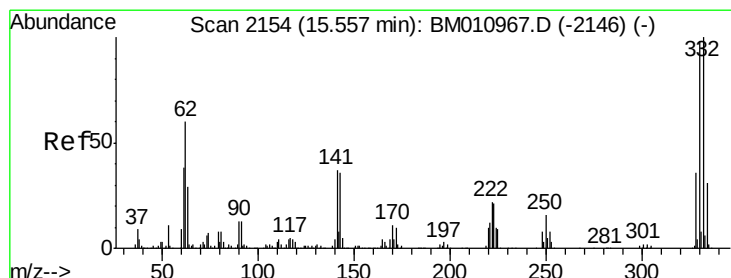
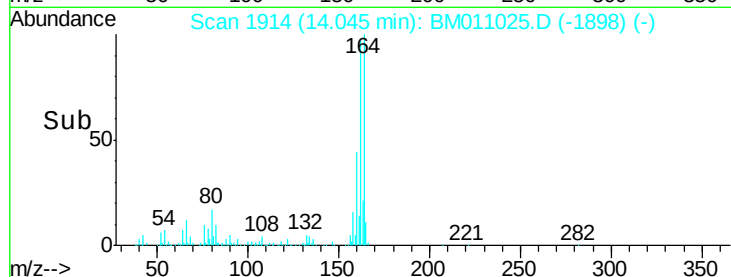
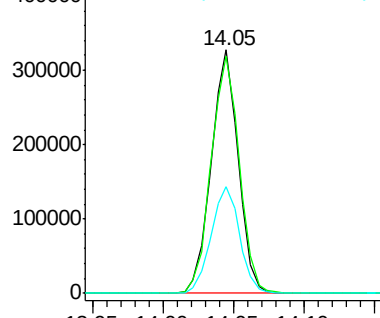
Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.4	123.6
160	43.7	35.8	53.6



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: 137.56 ng

RT: 15.55 min Scan# 2170

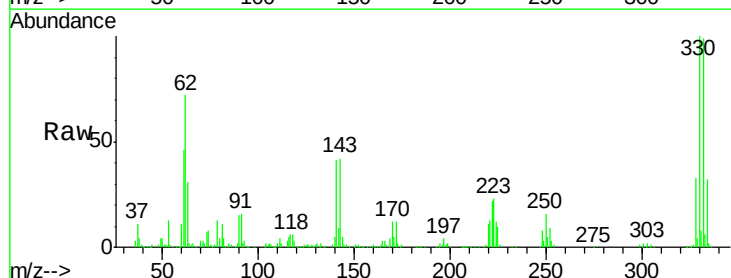
Delta R.T. -0.01 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Tgt Ion:330 Resp: 962695

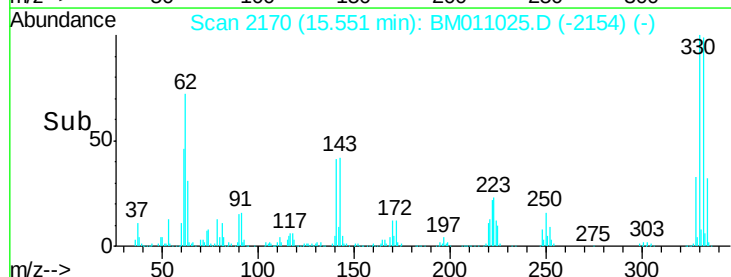
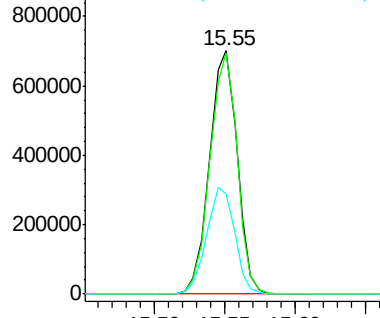
Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	44.4	0.0	0.0#

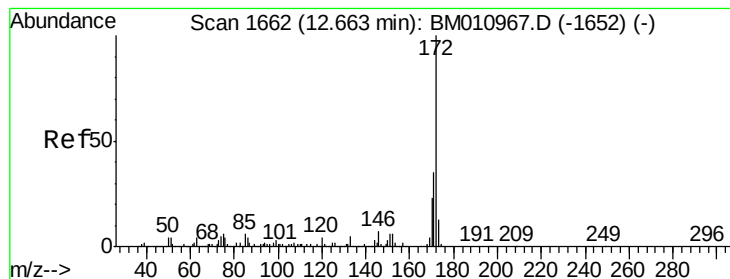


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

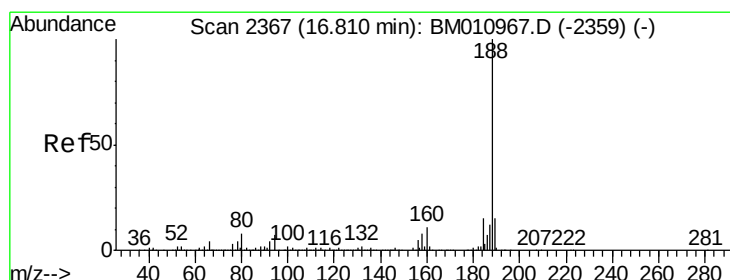
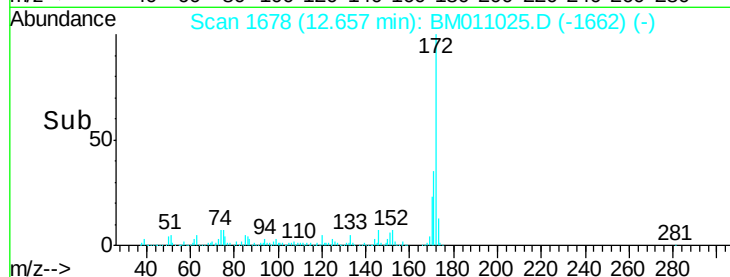
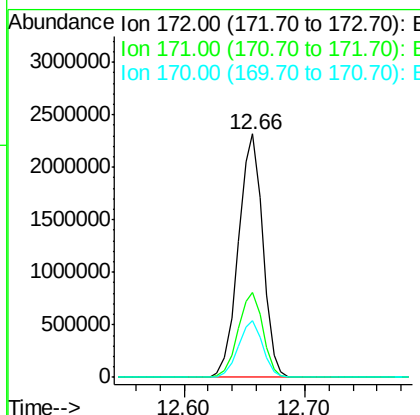
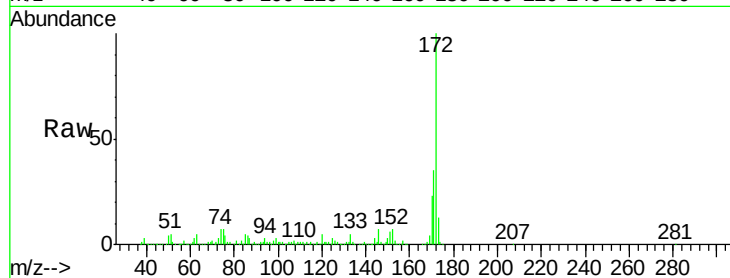




#44
 2-Fluorobiphenyl
 Concen: 93.71 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011025.D
 Acq: 27 Jul 2017 23:47

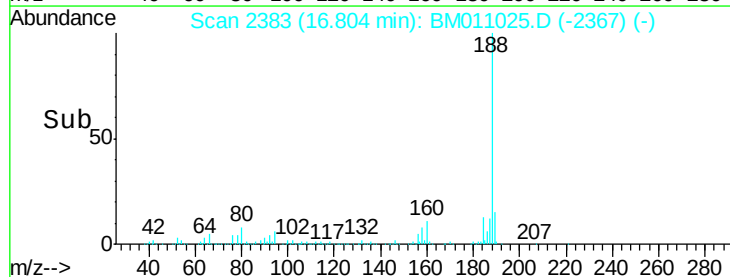
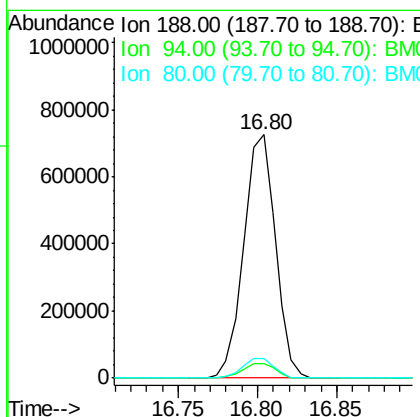
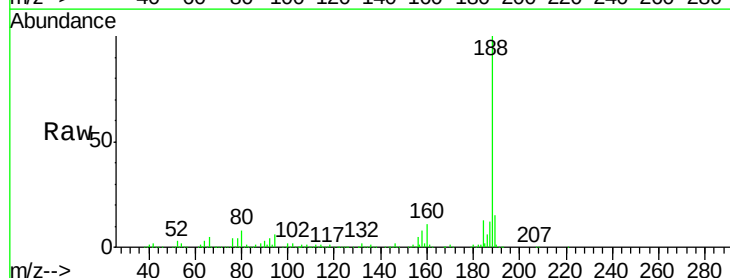
Instrument :
 BNA_M
 ClientSampleId :

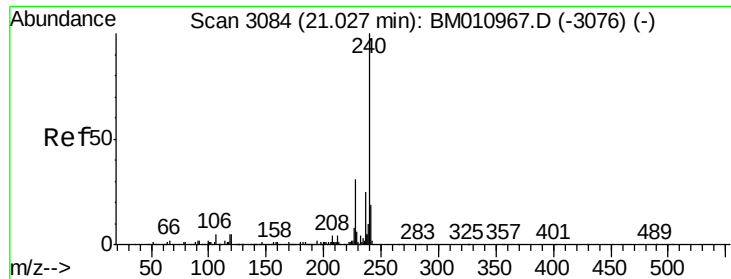
Tot Ion:172 Resp: 3262604
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.3 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.80 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM011025.D
 Acq: 27 Jul 2017 23:47

Tgt Ion:188 Resp: 1009495
 Ion Ratio Lower Upper
 188 100
 94 5.9 8.7 13.1#
 80 7.9 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: BM011025.D

Acq: 27 Jul 2017 23:47

Instrument :

BNA_M

ClientSampleId :

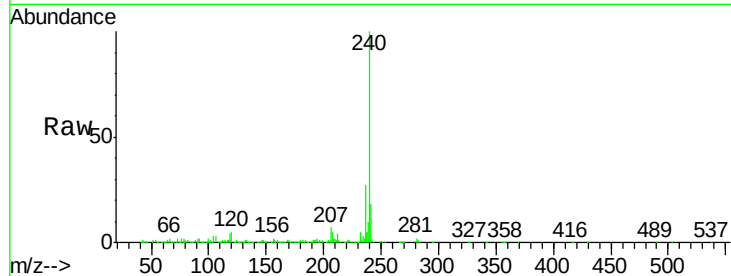
Tot Ion:240 Resp: 875815

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

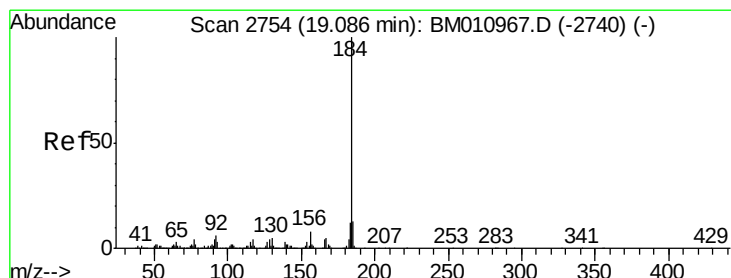
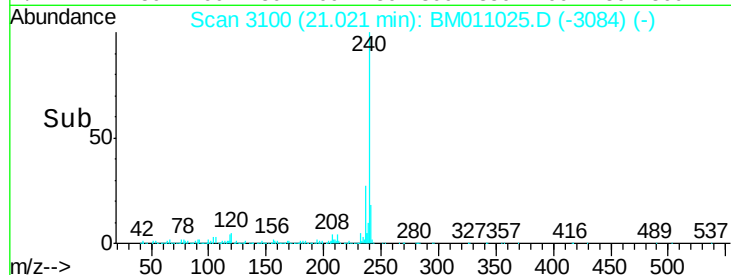
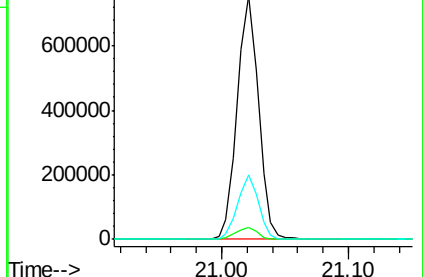
236 26.5 20.0 30.0



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: 26.25 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

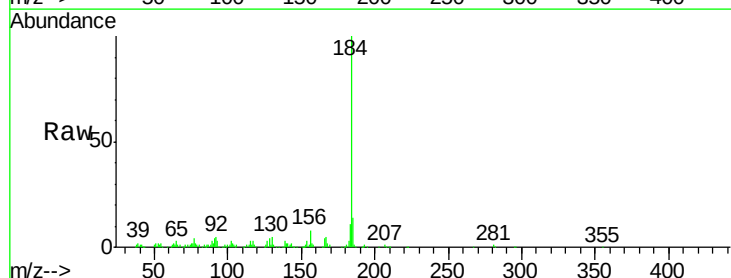
Tgt Ion:184 Resp: 550019

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

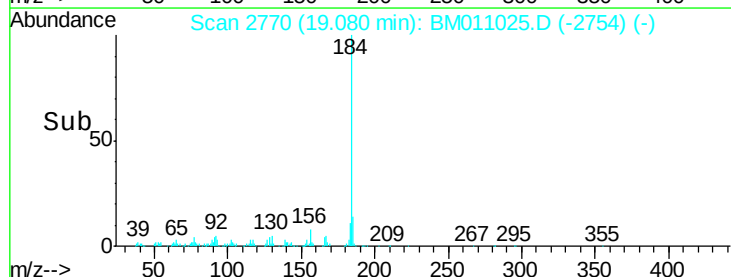
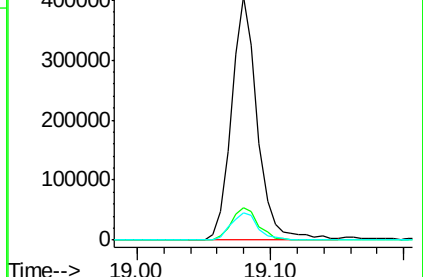
183 11.0 8.9 13.3

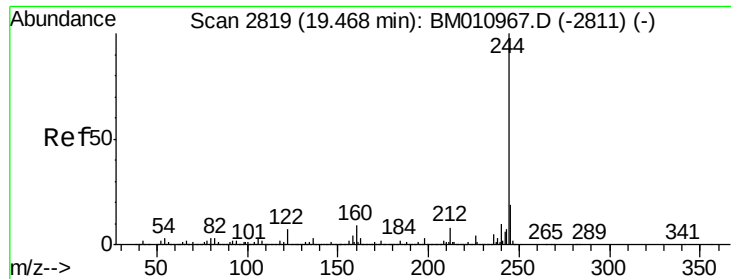


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.59 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Instrument :

BNA_M

ClientSampleId :

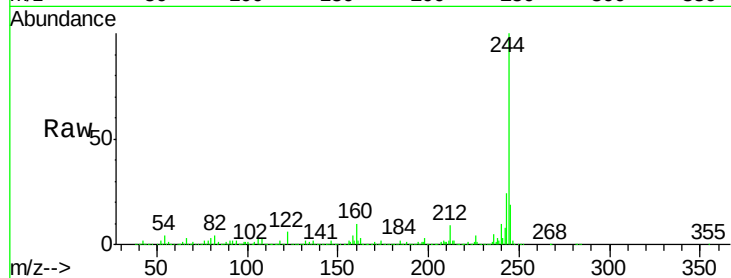
Tot Ion:244 Resp: 4403238

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

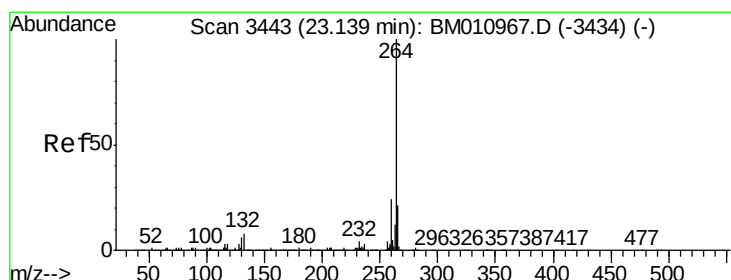
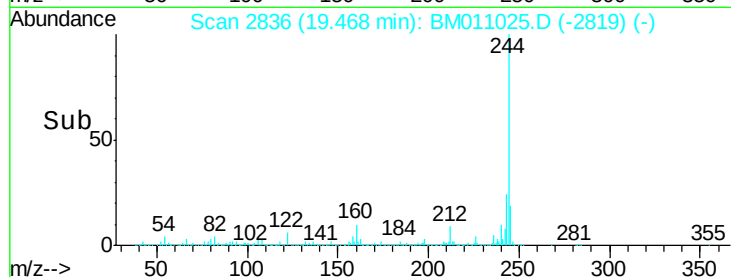
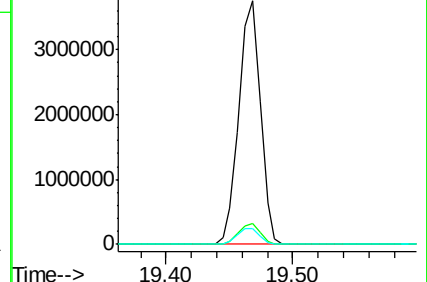
122 6.3 6.2 9.4



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: BM011025.D

Acq: 27 Jul 2017 23:47

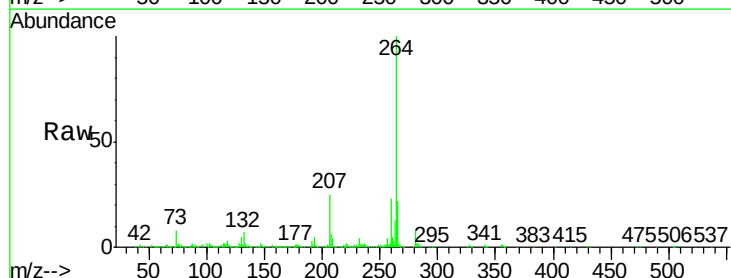
Tgt Ion:264 Resp: 755290

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.1 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

