

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011102.D
 Acq On : 02 Aug 2017 23:21
 Operator : SJ/JU
 Sample : I4539-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 01:38:36 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

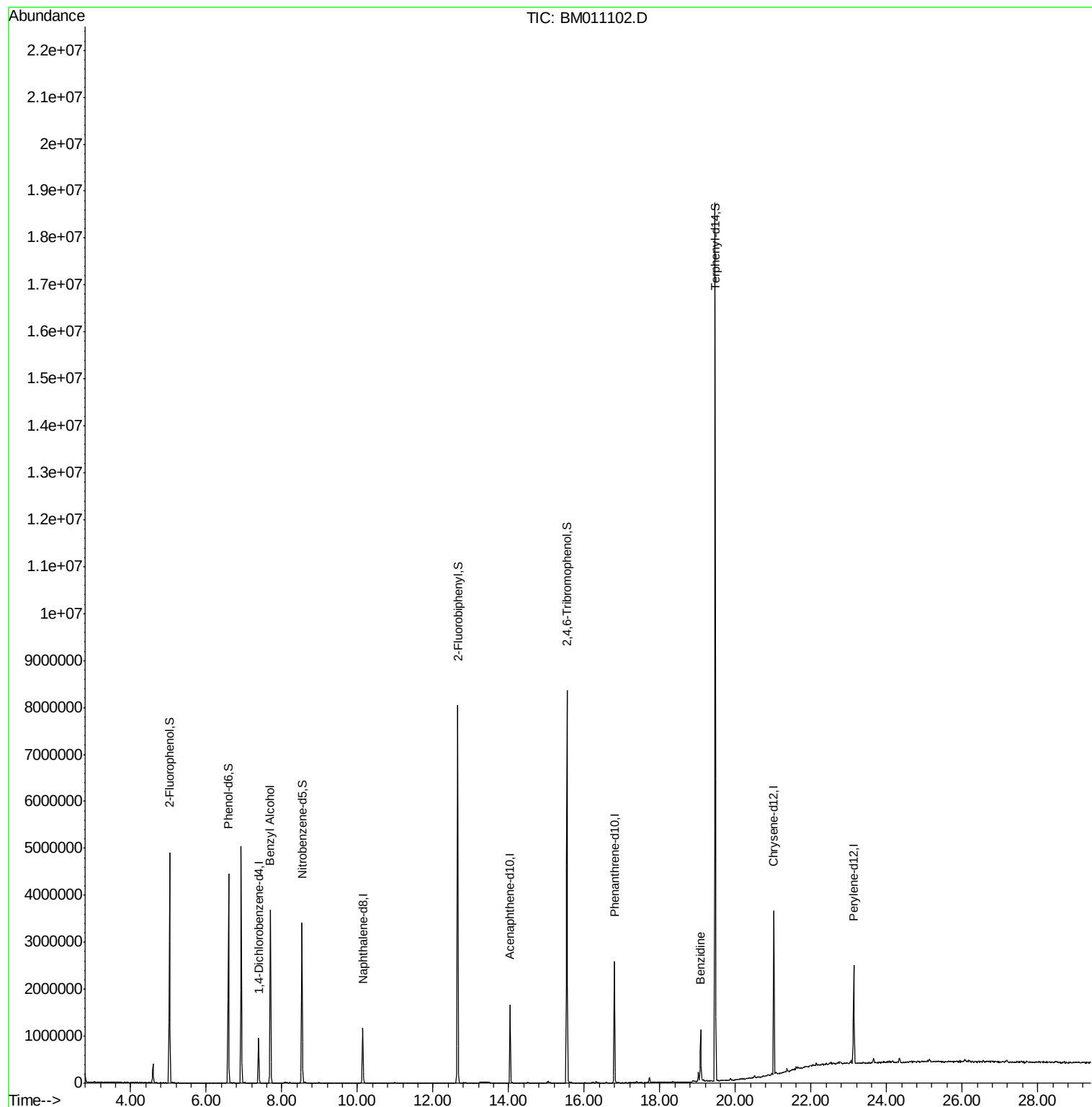
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	180535	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	693064	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	480120	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1331602	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1678286	20.00	ng	0.00
86) Perylene-d12	23.13	264	1450929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1408206	131.86	ng	0.00
7) Phenol-d6	6.58	99	1843416	121.49	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1829646	99.08	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	1117699	145.24	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3398042	88.76	ng	-0.01
78) Terphenyl-d14	19.46	244	6885858	81.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.69	79	32542	2.24	ng	Qvalue # 49
76) Benzidine	19.08	184	596151	14.85	ng	97

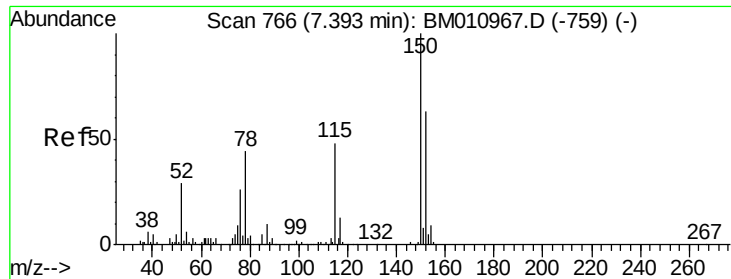
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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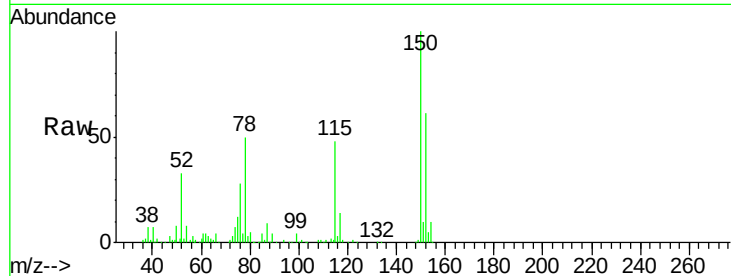


#1

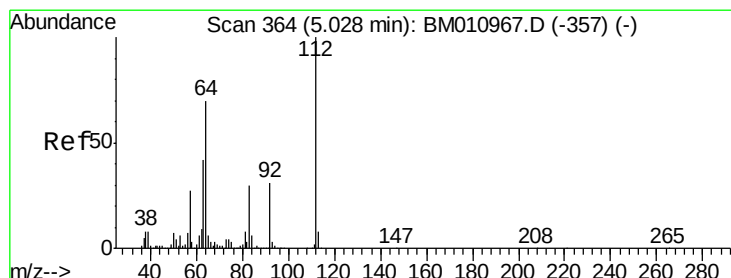
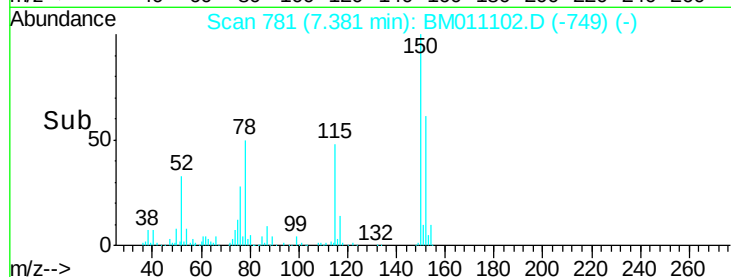
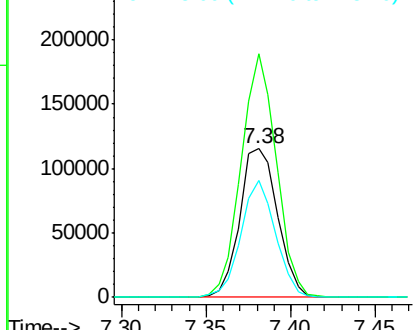
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011102.D
Acq: 02 Aug 2017 23:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	119.5	179.3
115	78.5	43.0	64.4



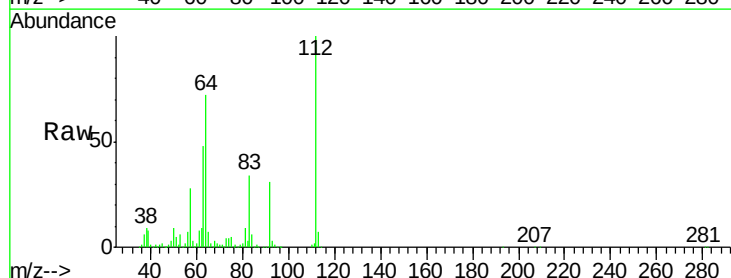
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



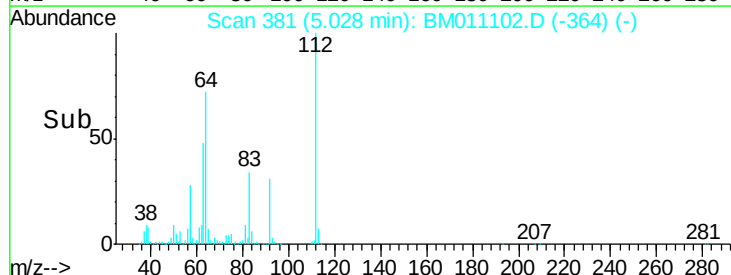
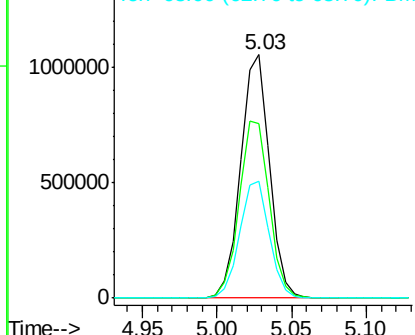
#5

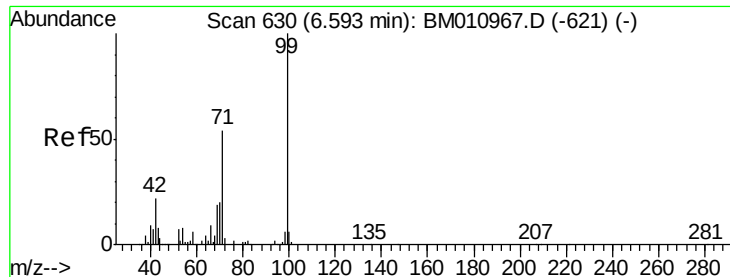
2-Fluorophenol
Concen: 131.86 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011102.D
Acq: 02 Aug 2017 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	38.6	57.8
63	47.9	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: 121.49 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011102.D

Acq: 02 Aug 2017 23:21

Instrument :

BNA_M

ClientSampleId :

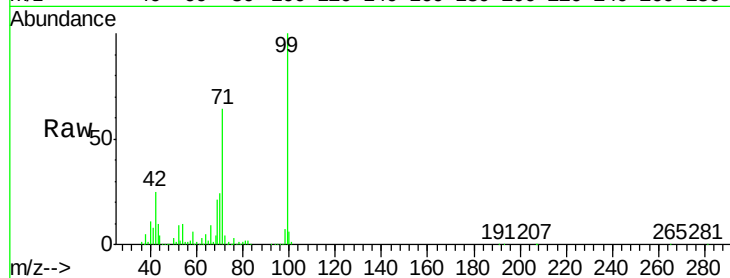
Tot Ion: 99 Resp: 1843416

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

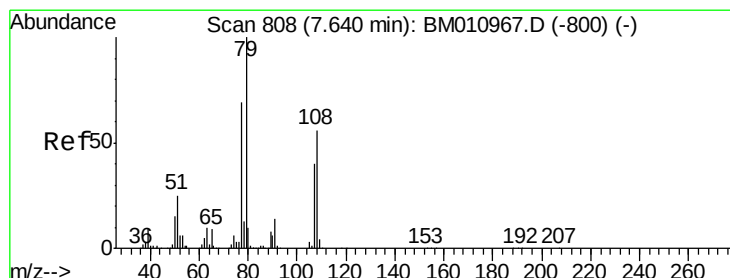
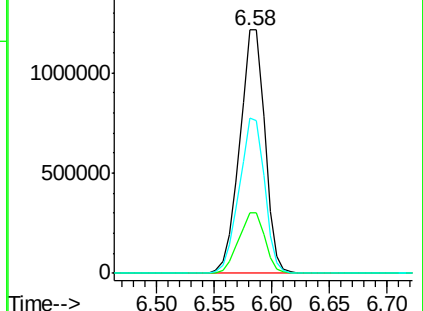
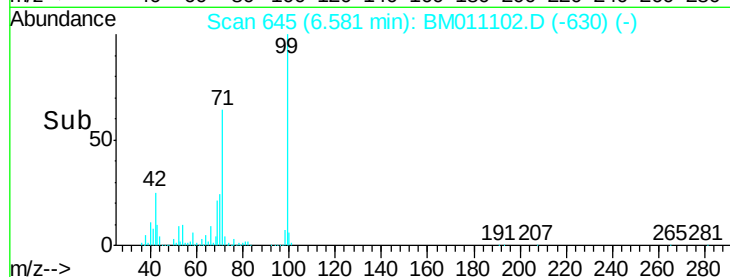
71 63.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011102.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011102.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011102.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 7.69 min Scan# 834

Delta R.T. 0.05 min

Lab File: BM011102.D

Acq: 02 Aug 2017 23:21

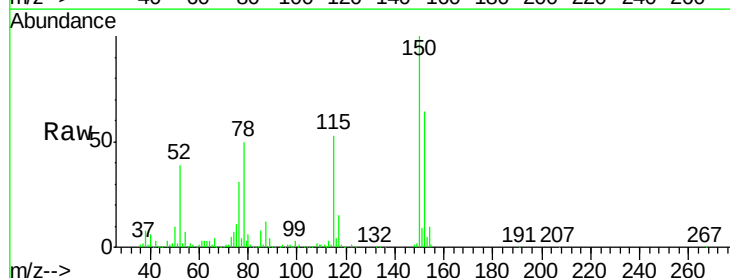
Tgt Ion: 79 Resp: 32542

Ion Ratio Lower Upper

79 100

108 47.7 65.0 97.4#

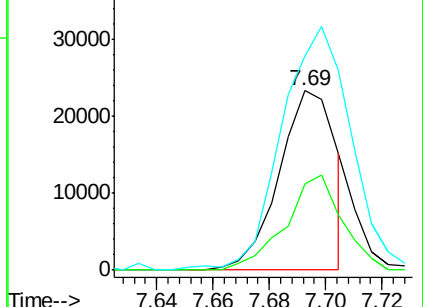
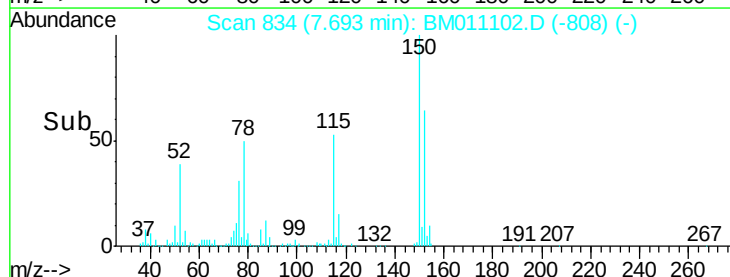
77 119.5 53.0 79.6#

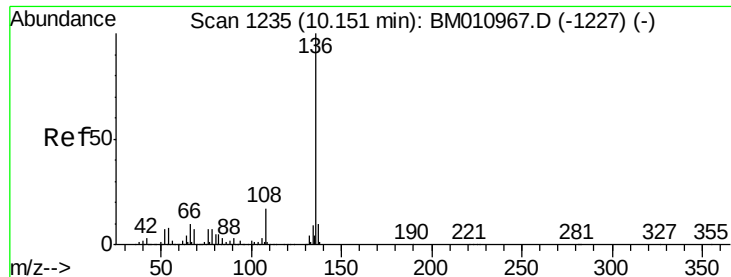


Abundance Ion 79.00 (78.70 to 79.70): BM011102.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011102.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011102.D (-808) (-)

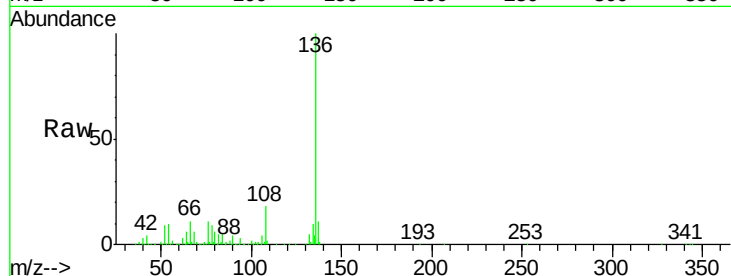




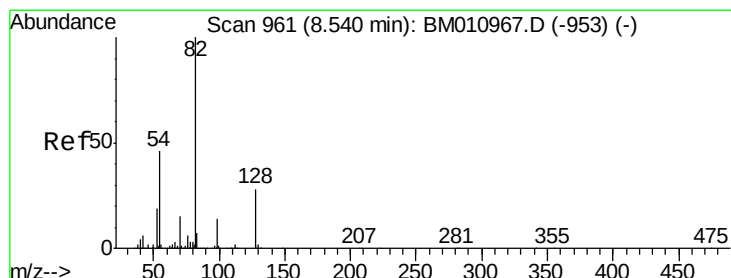
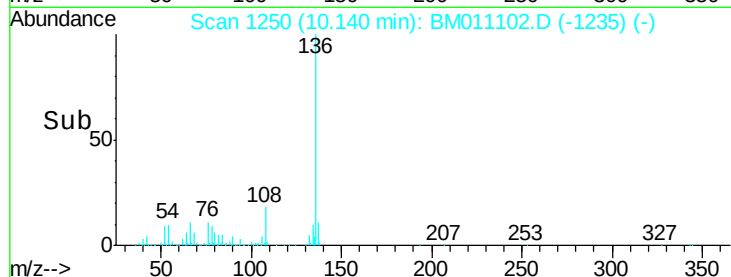
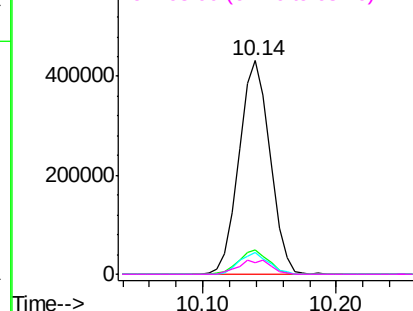
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011102.D
Acq: 02 Aug 2017 23:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 693064
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 10.1	4.6 6.8#
68 5.5	3.7 5.5#

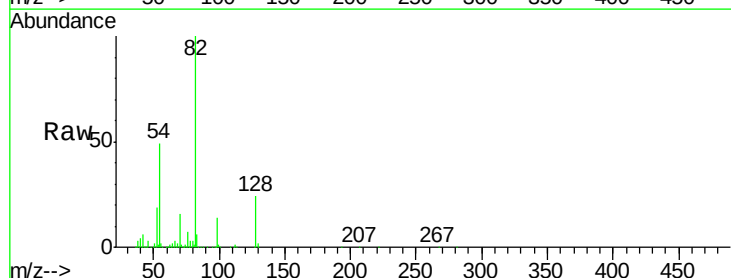


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

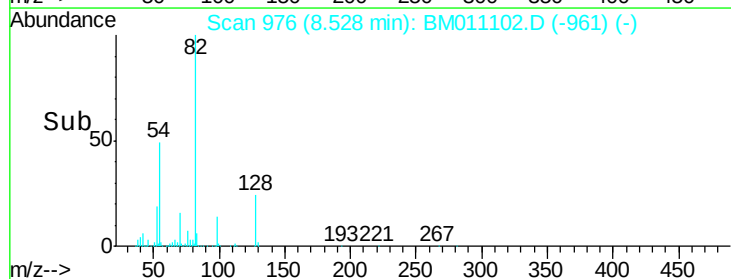
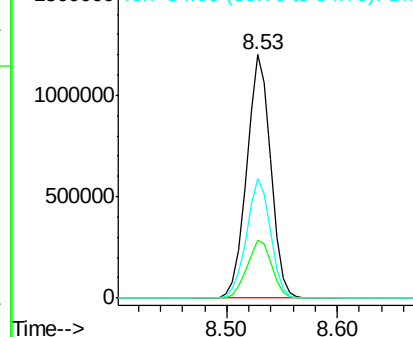


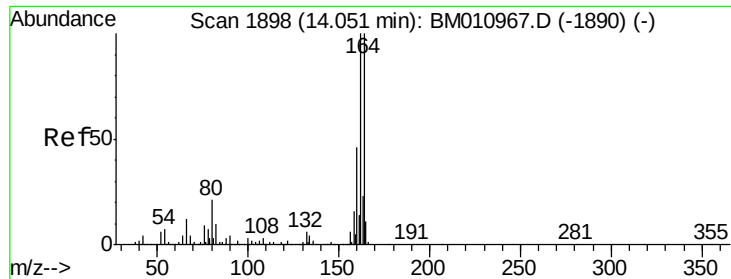
#23
Nitrobenzene-d5
Concen: 99.08 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011102.D
Acq: 02 Aug 2017 23:21

Tgt Ion: 82	Resp: 1829646
Ion Ratio	Lower Upper
82 100	
128 23.9	32.8 49.2#
54 49.3	40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011102.D

Acq: 02 Aug 2017 23:21

Instrument :

BNA_M

ClientSampleId :

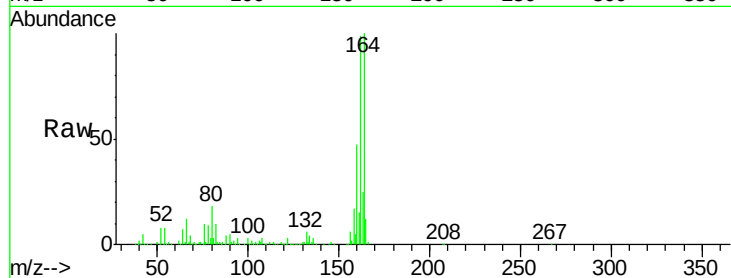
Tot Ion:164 Resp: 480120

Ion Ratio Lower Upper

164 100

162 98.9 82.4 123.6

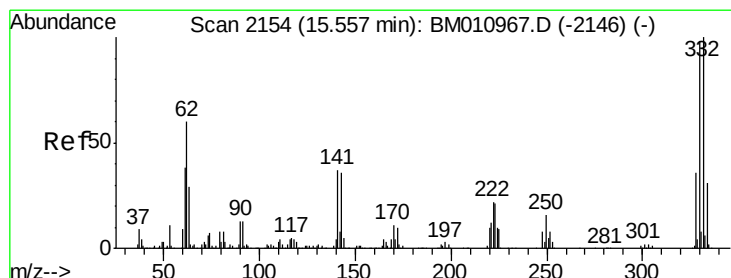
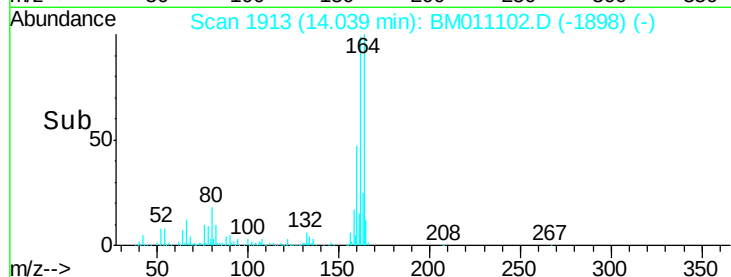
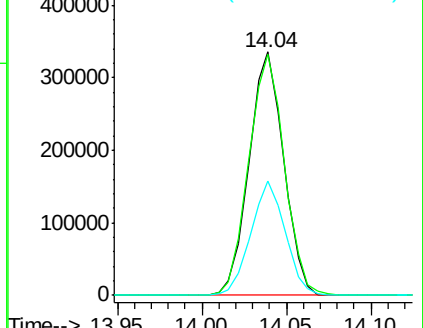
160 47.0 35.8 53.6



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: 145.24 ng

RT: 15.55 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011102.D

Acq: 02 Aug 2017 23:21

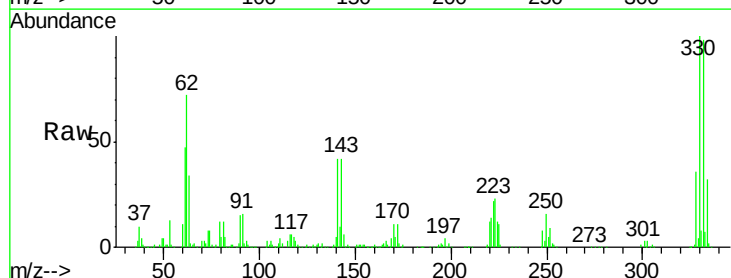
Tgt Ion:330 Resp: 1117699

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

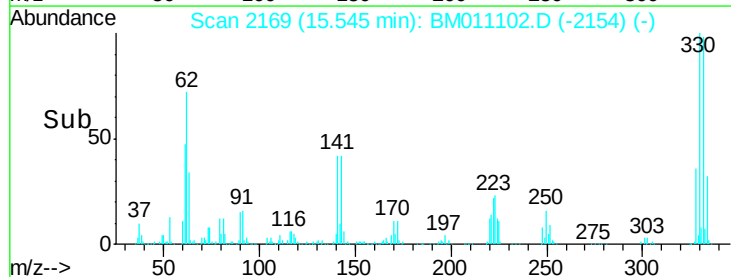
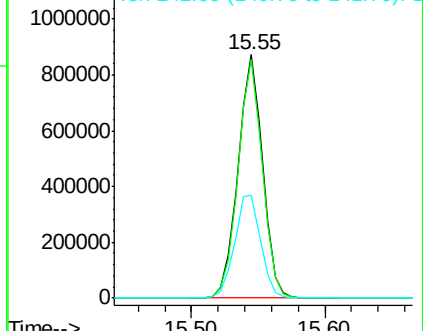
141 45.2 0.0 0.0#

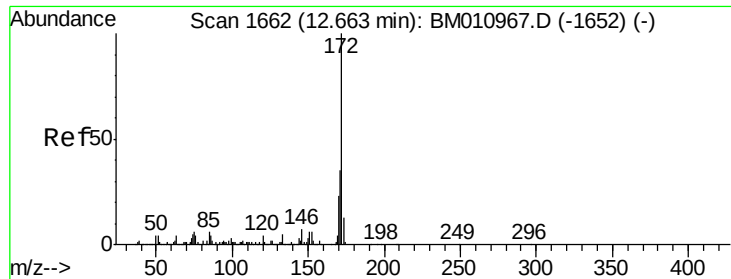


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



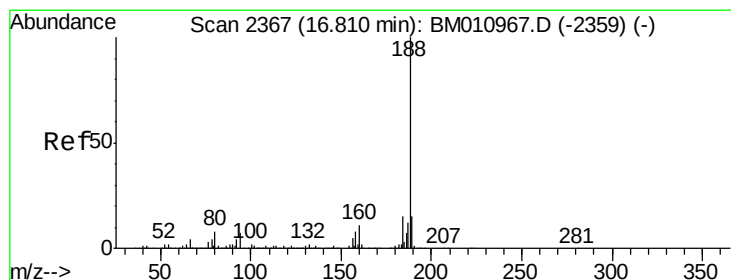
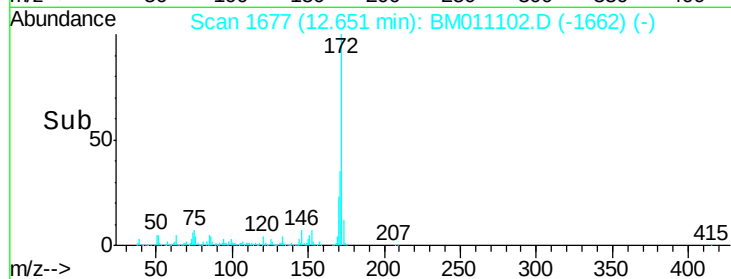
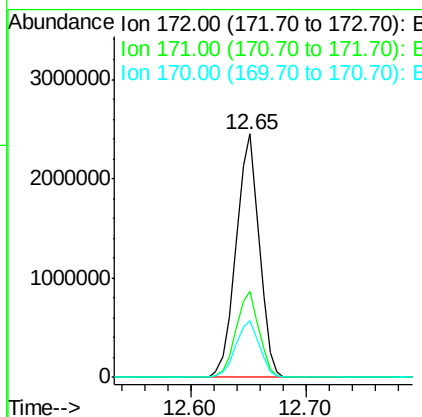
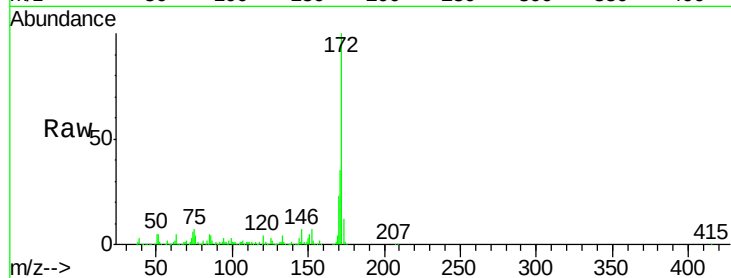


#44
 2-Fluorobiphenyl
 Concen: 88.76 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011102.D
 Acq: 02 Aug 2017 23:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3398042

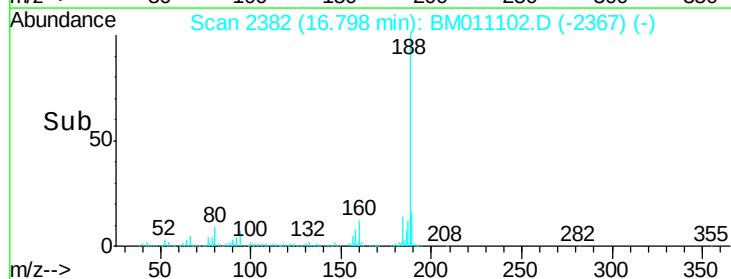
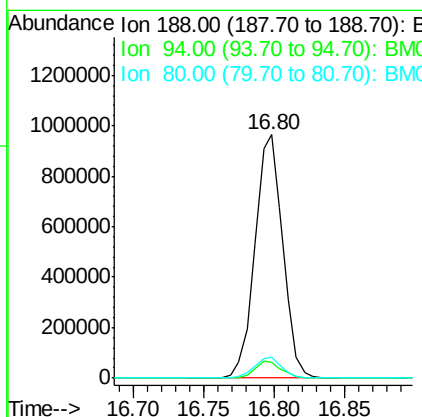
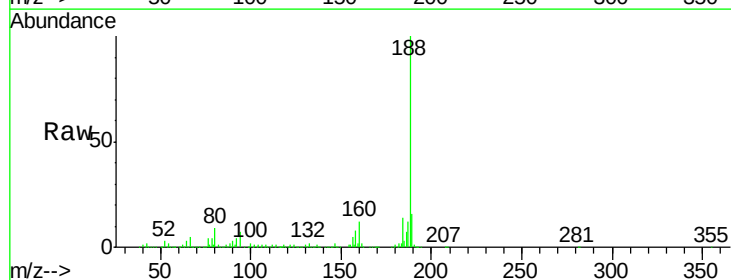
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.3	18.8	28.2

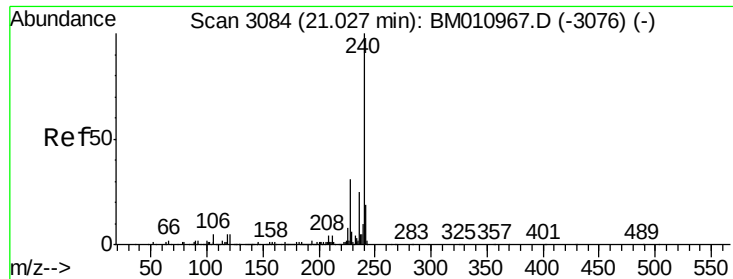


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM011102.D
 Acq: 02 Aug 2017 23:21

Tgt Ion:188 Resp: 1331602

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.7	9.3	13.9#

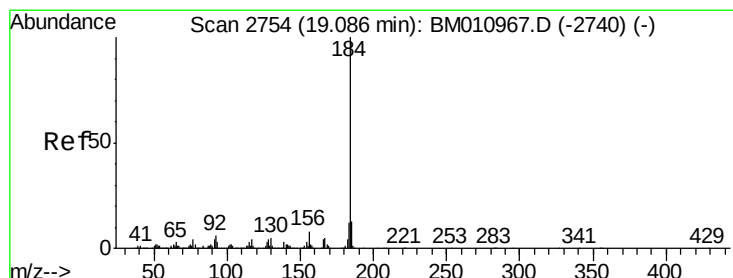
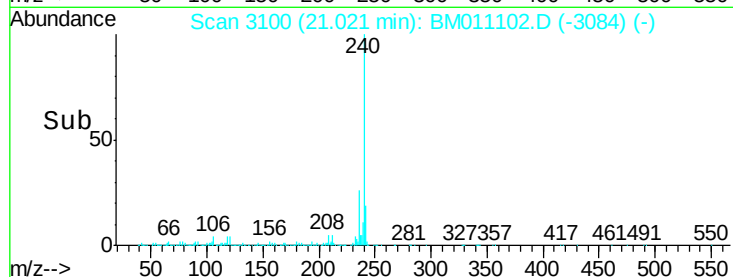
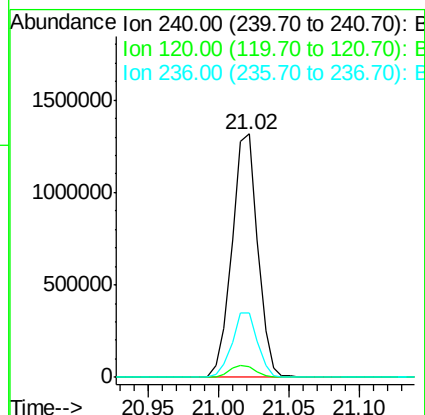
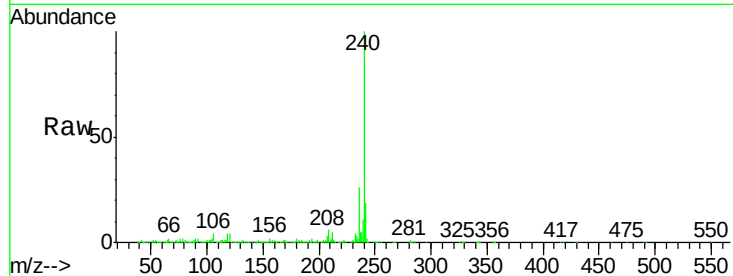




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011102.D
Acq: 02 Aug 2017 23:21

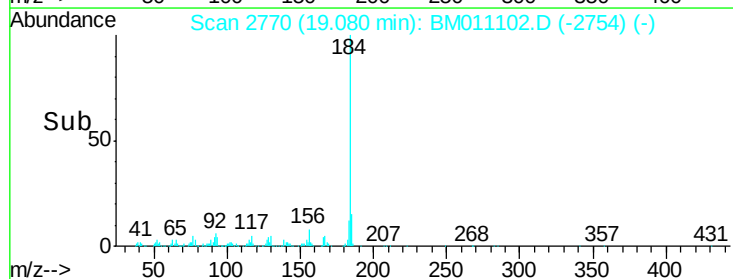
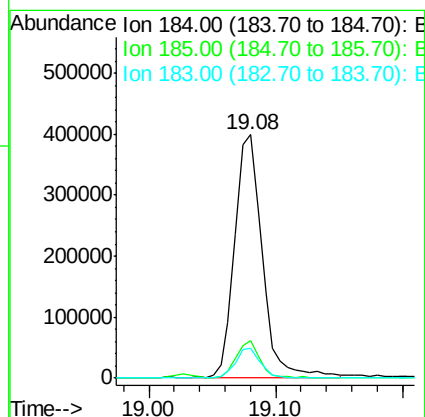
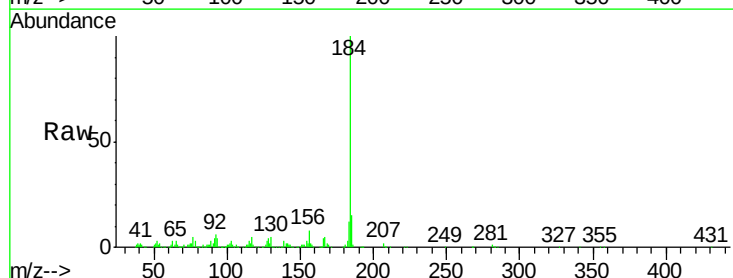
Instrument :
BNA_M
ClientSampleId :

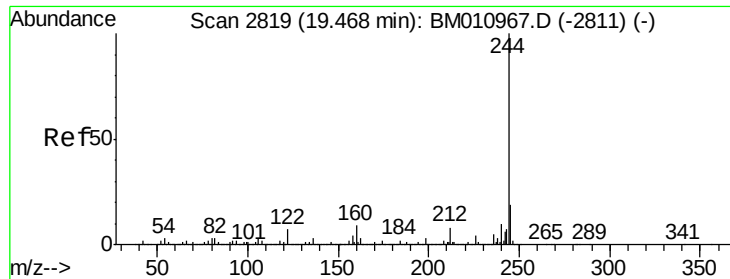
Tot Ion:240 Resp: 1678286
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 26.4 20.0 30.0



#76
Benzidine
Concen: 14.85 ng
RT: 19.08 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM011102.D
Acq: 02 Aug 2017 23:21

Tgt Ion:184 Resp: 596151
Ion Ratio Lower Upper
184 100
185 15.2 11.3 16.9
183 12.1 8.9 13.3





#78

Terphenyl-d14

Concen: 81.27 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011102.D

Acq: 02 Aug 2017 23:21

Instrument :

BNA_M

ClientSampleId :

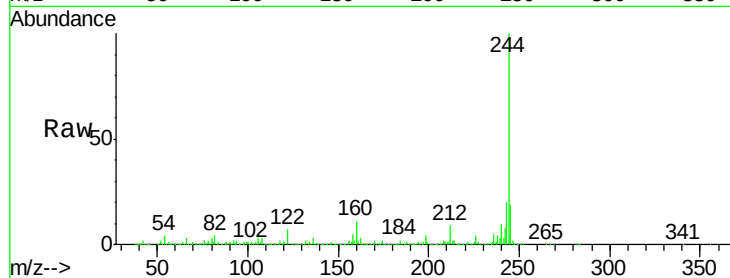
Tot Ion:244 Resp: 6885858

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

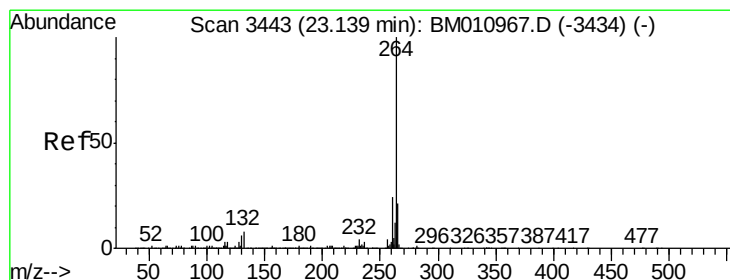
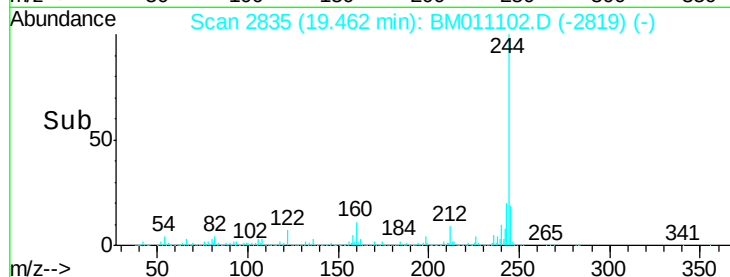
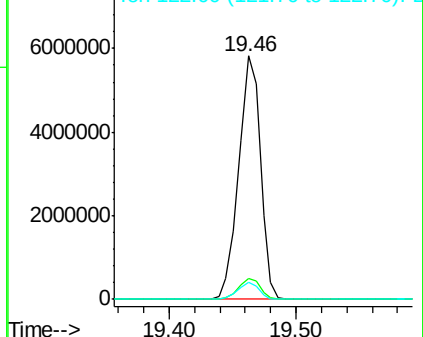
122 7.2 6.2 9.4



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: 20.00 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011102.D

Acq: 02 Aug 2017 23:21

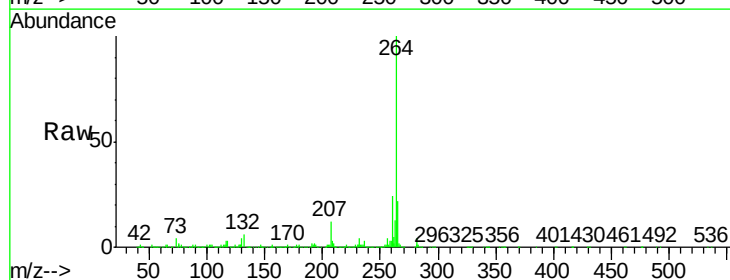
Tgt Ion:264 Resp: 1450929

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.9 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

