

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003814.D
 Acq On : 25 Dec 2015 13:32
 Operator : UM/SJ
 Sample : G4956-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 22:58:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

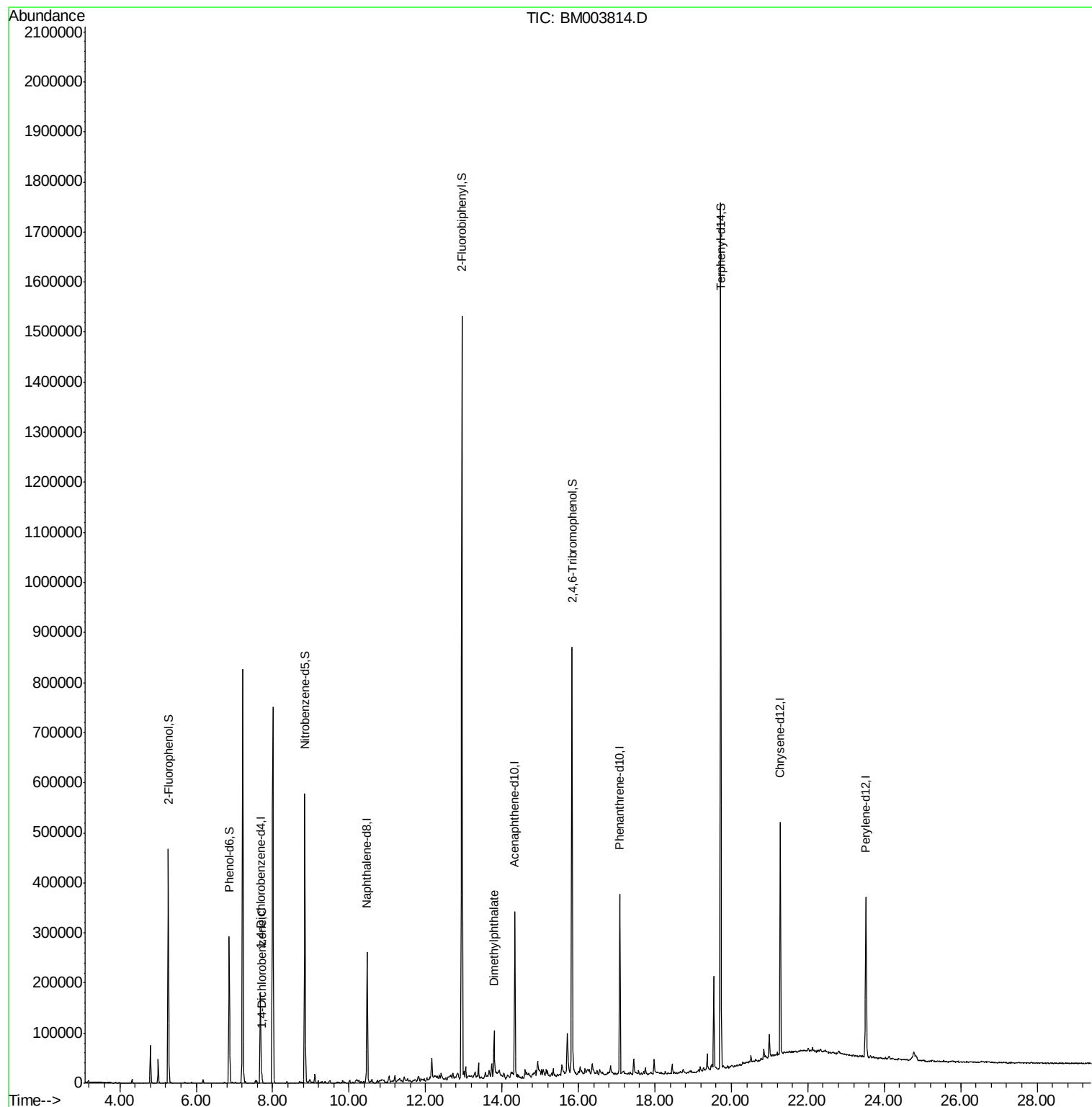
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	48926	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	210353	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	108524	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	203793	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	212653	20.00	ng	-0.04
86) Perylene-d12	23.52	264	213258	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	211447	76.84	ng	-0.03
7) Phenol-d6	6.86	99	176902	46.29	ng	-0.03
23) Nitrobenzene-d5	8.84	82	354832	104.59	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	148819	137.31	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	785302	98.59	ng	-0.04
78) Terphenyl-d14	19.72	244	702043	77.86	ng	-0.04
Target Compounds						
13) 1,4-Dichlorobenzene	7.72	146	8873	2.25	ng	96
49) Dimethylphthalate	13.79	163	59019	6.60	ng	99

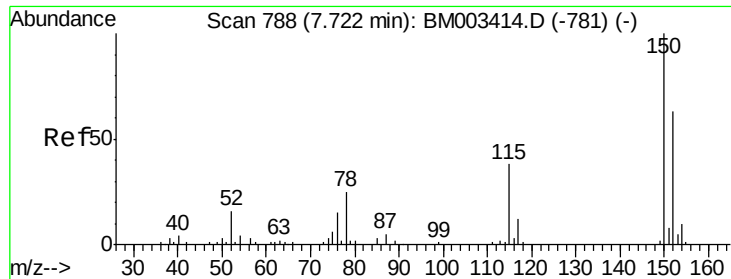
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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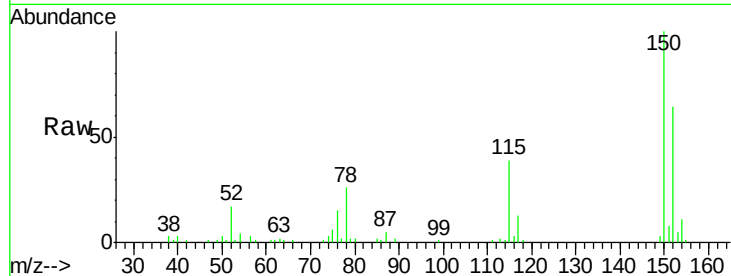




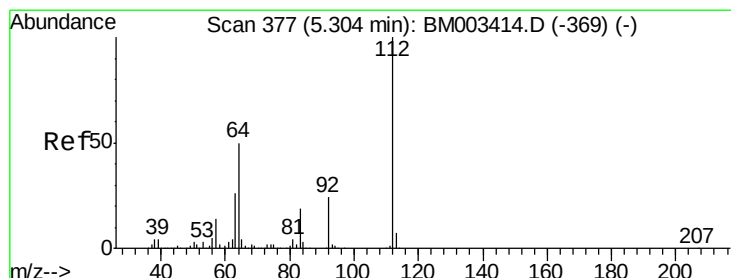
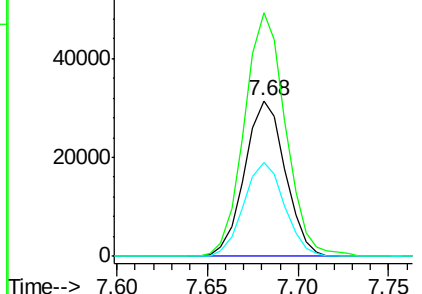
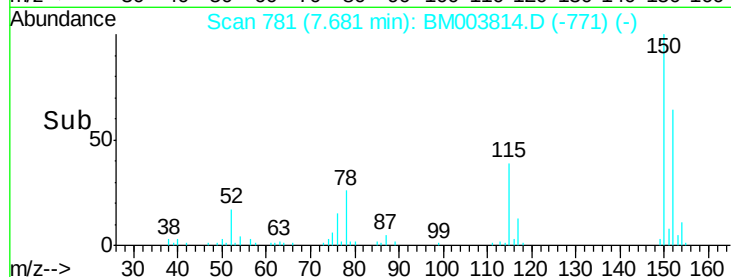
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM003814.D
 Acq: 25 Dec 2015 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 48926
 Ion Ratio Lower Upper
 152 100
 150 156.3 119.5 179.3
 115 60.4 43.0 64.4

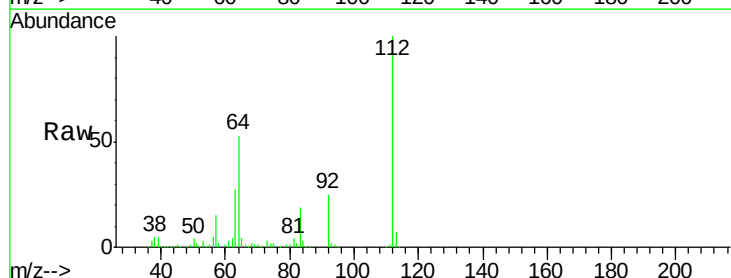


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

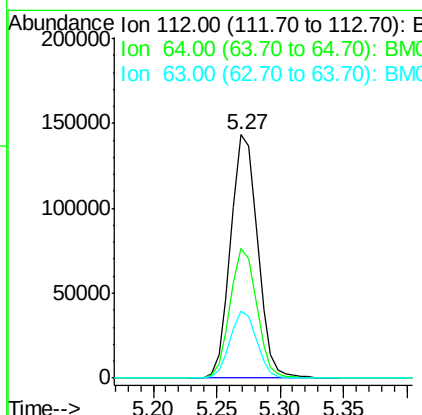
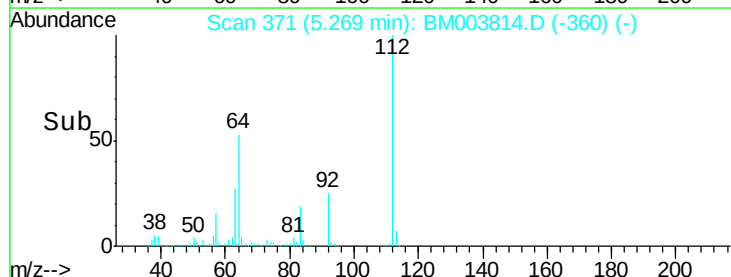


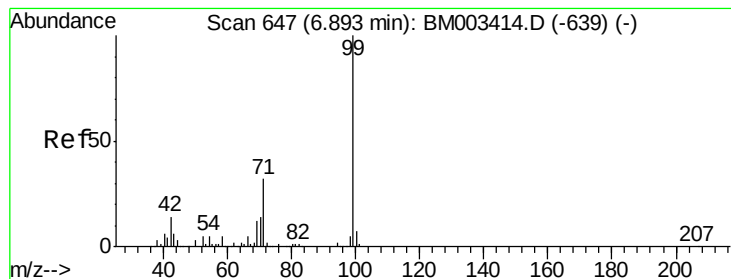
#5
 2-Fluorophenol
 Concen: 76.84 ng
 RT: 5.27 min Scan# 371
 Delta R.T. -0.03 min
 Lab File: BM003814.D
 Acq: 25 Dec 2015 13:32

Tgt Ion:112 Resp: 211447
 Ion Ratio Lower Upper
 112 100
 64 53.4 38.6 57.8
 63 27.4 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: 46.29 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

Instrument :

BNA_M

ClientSampled :

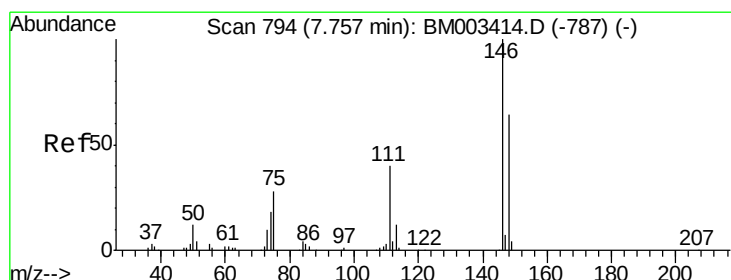
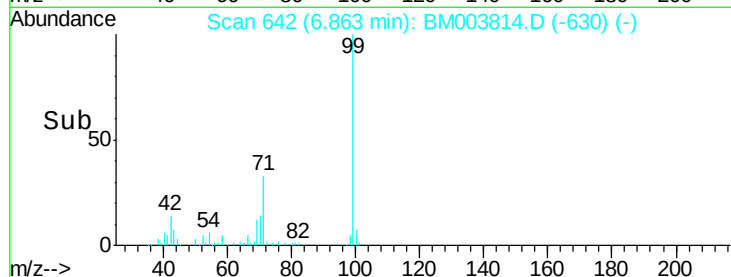
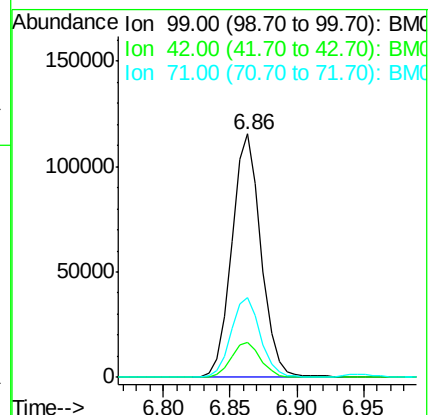
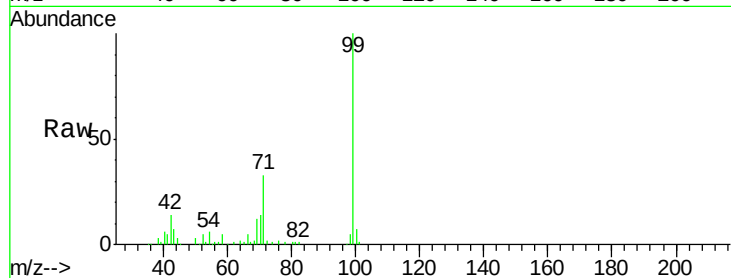
Tot Ion: 99 Resp: 176902

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 32.7 23.4 35.2



#13

1,4-Dichlorobenzene

Concen: 2.25 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

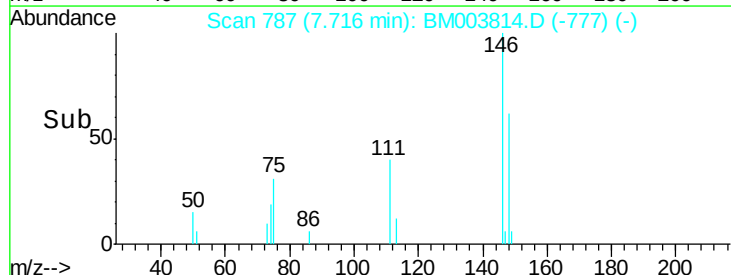
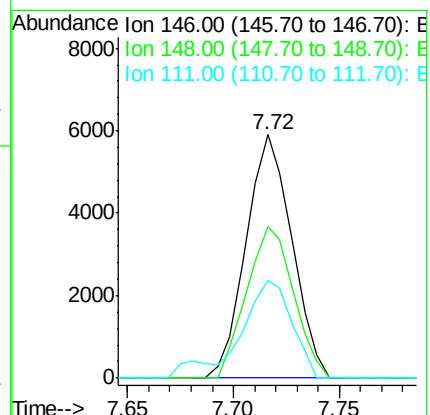
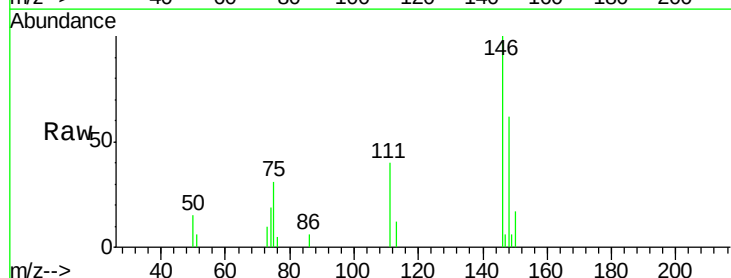
Tgt Ion: 146 Resp: 8873

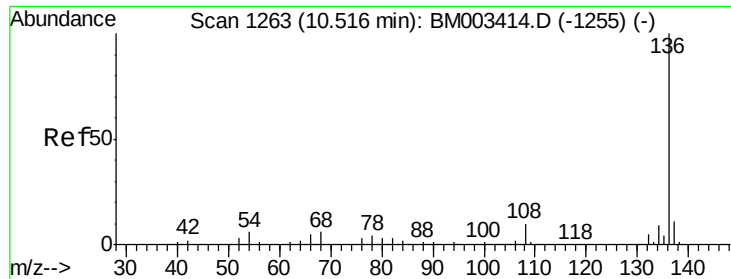
Ion Ratio Lower Upper

146 100

148 62.4 51.9 77.9

111 39.9 29.2 43.8

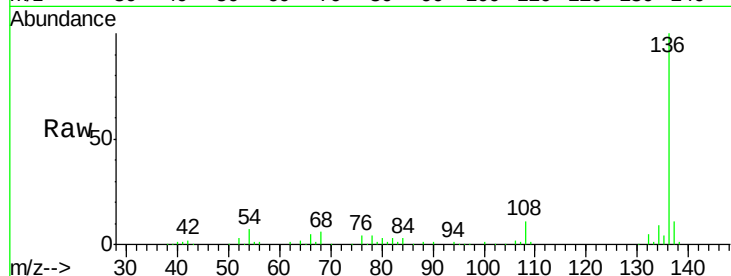




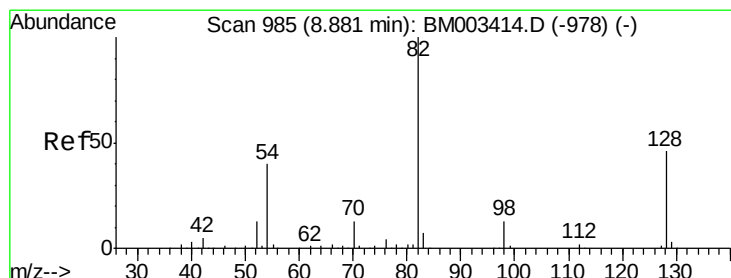
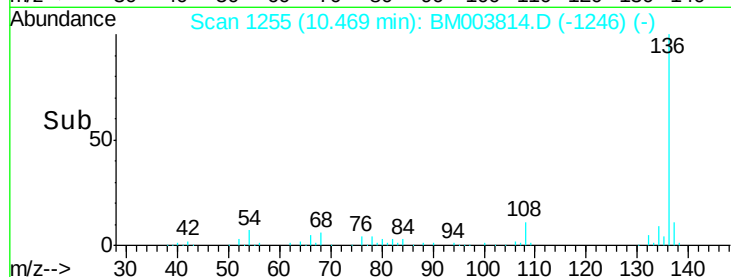
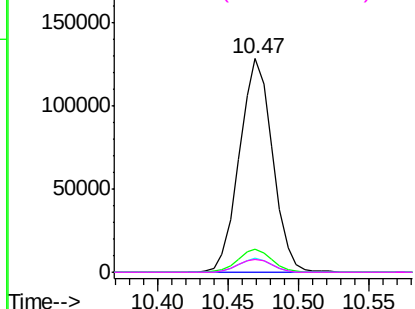
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	210353
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.6	4.6	6.8
68	6.2	3.7	5.5

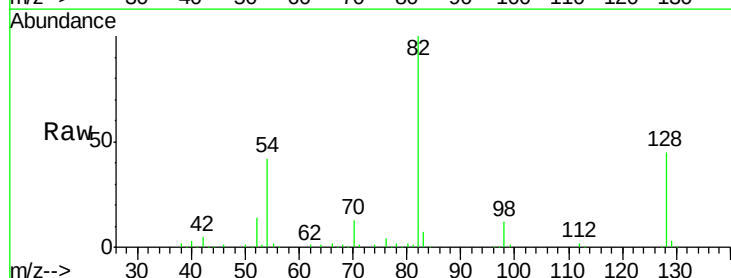


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

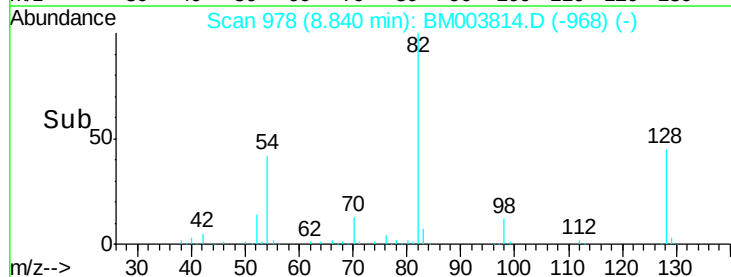
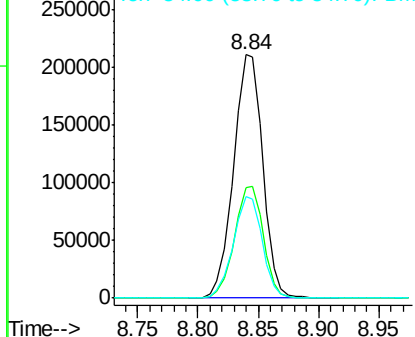


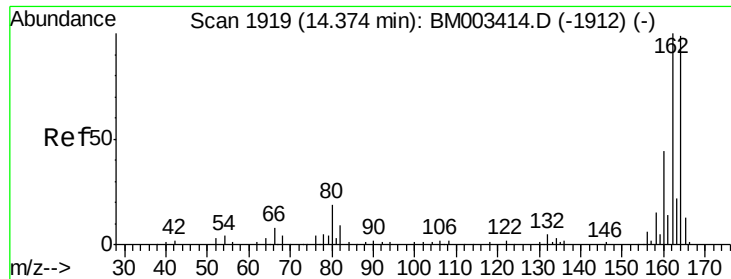
#23
Nitrobenzene-d5
Concen: 104.59 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion:	82	Resp:	354832
Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.8	49.2
54	41.7	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: 14.33 min Scan# 1912

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

Instrument :

BNA_M

ClientSampleId :

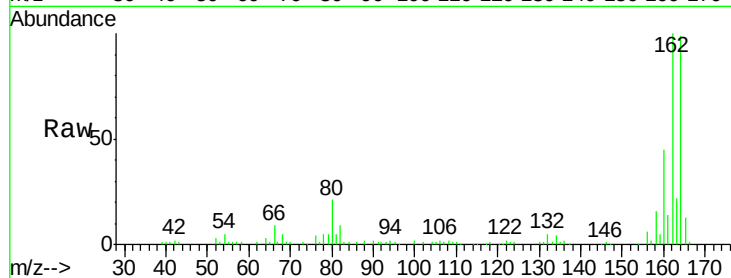
Tot Ion:164 Resp: 108524

Ion Ratio Lower Upper

164 100

162 100.9 82.4 123.6

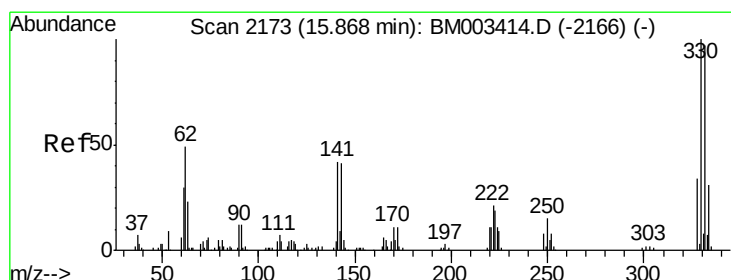
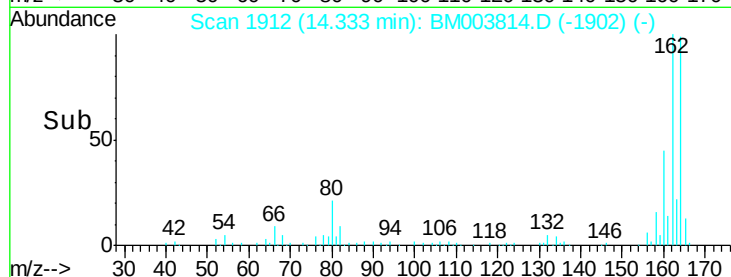
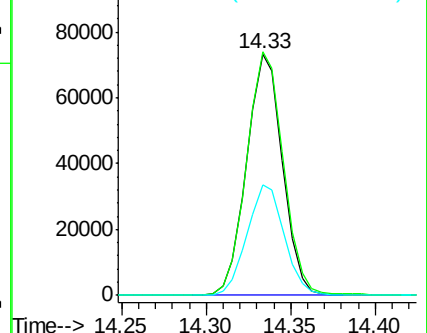
160 45.7 35.8 53.6



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: 137.31 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

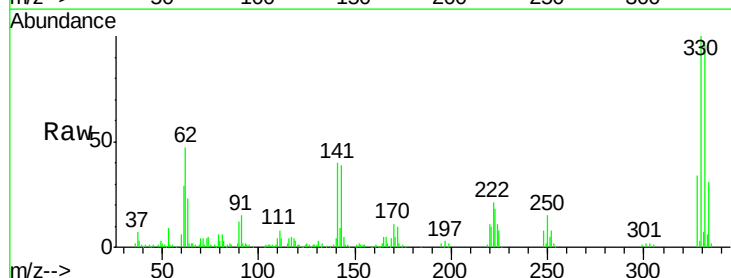
Tgt Ion:330 Resp: 148819

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

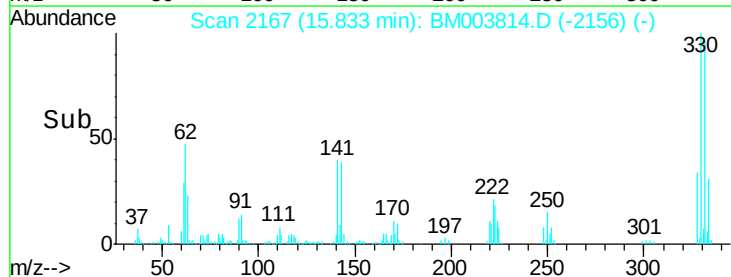
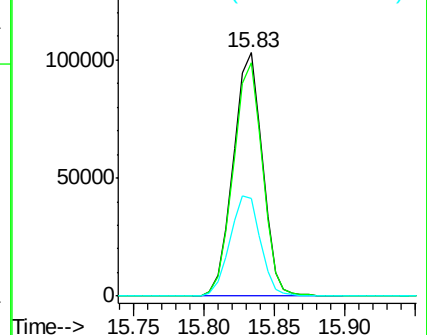
141 43.2 0.0 0.0#

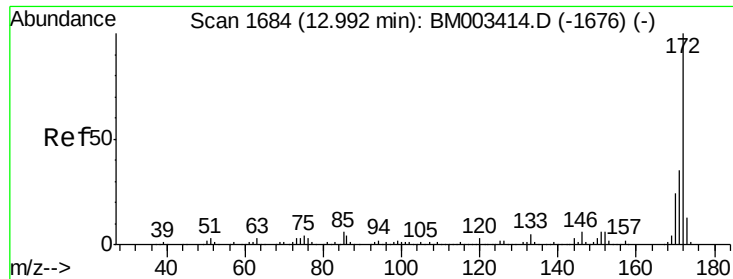


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

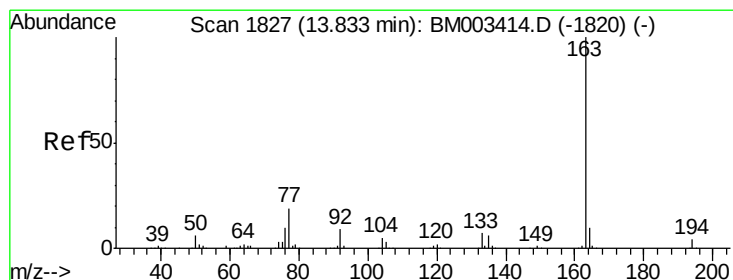
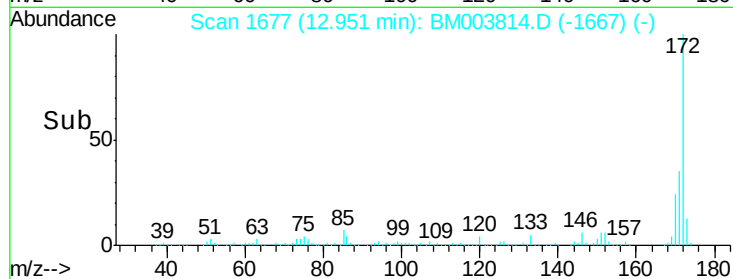
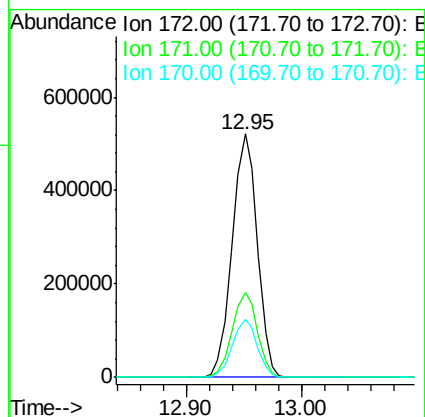
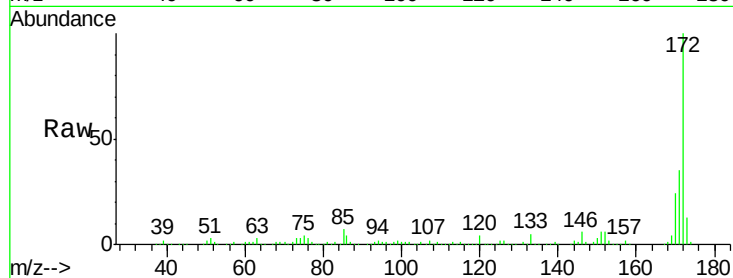




#44
2-Fluorobiphenyl
Concen: 98.59 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

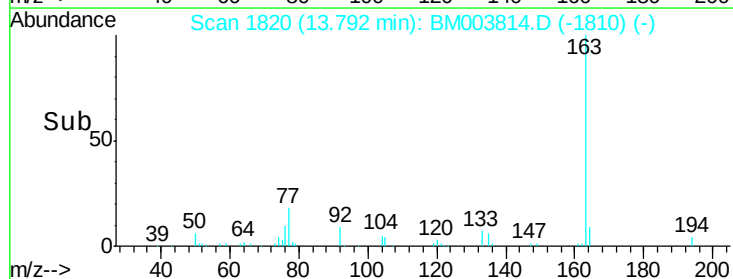
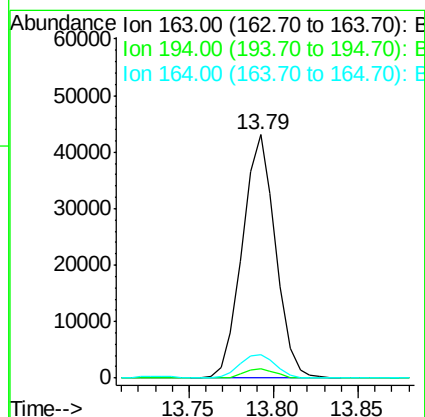
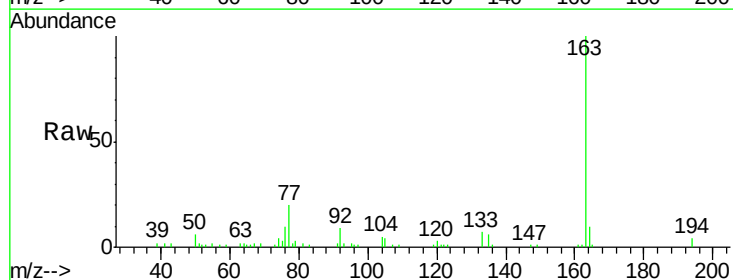
Instrument :
BNA_M
ClientSampleId :

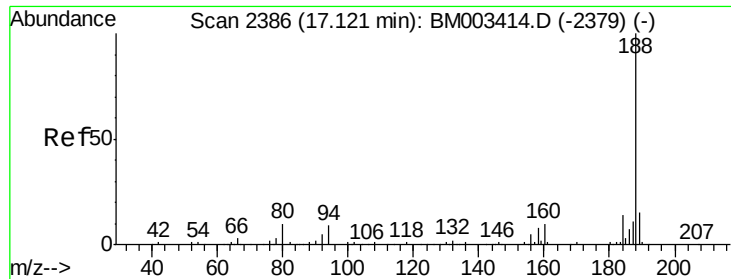
Tot Ion:172 Resp: 785302
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.7 18.8 28.2



#49
Dimethylphthalate
Concen: 6.60 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion:163 Resp: 59019
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2

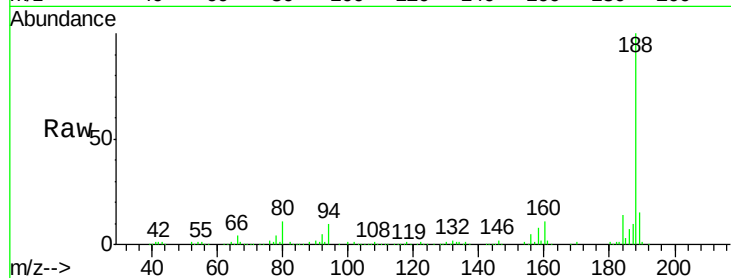




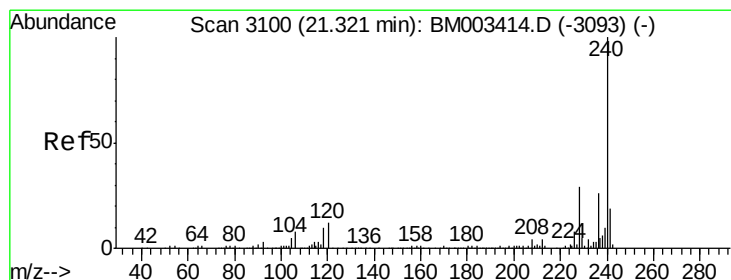
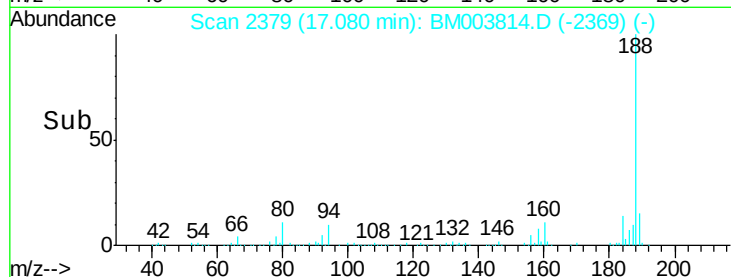
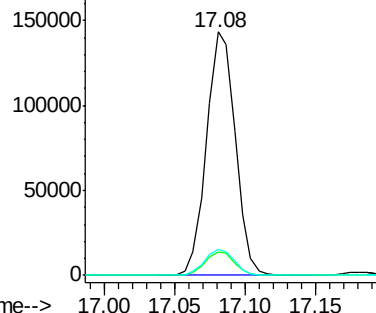
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 203793
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.9 9.3 13.9

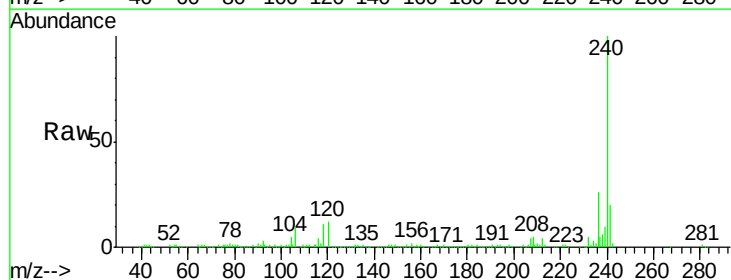


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

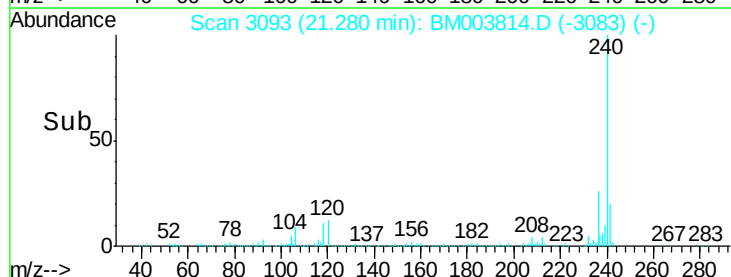
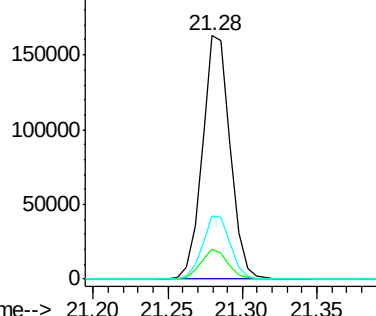


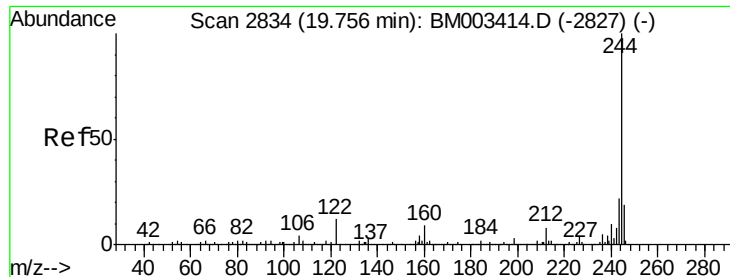
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion:240 Resp: 212653
Ion Ratio Lower Upper
240 100
120 12.5 8.2 12.2#
236 26.0 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





#78

Terphenyl-d14

Concen: 77.86 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

Instrument :

BNA_M

ClientSampleId :

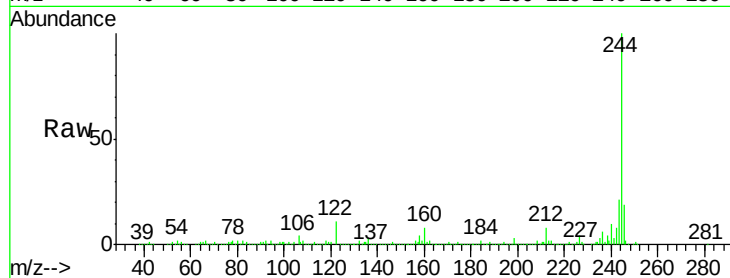
Tot Ion:244 Resp: 702043

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

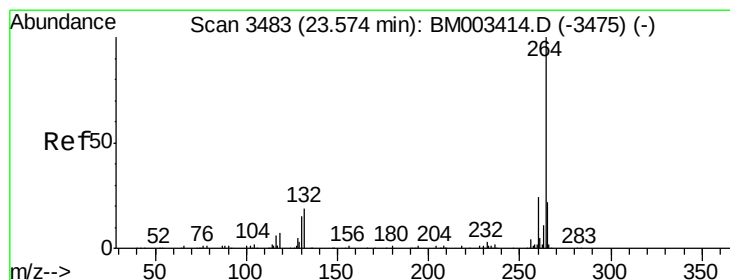
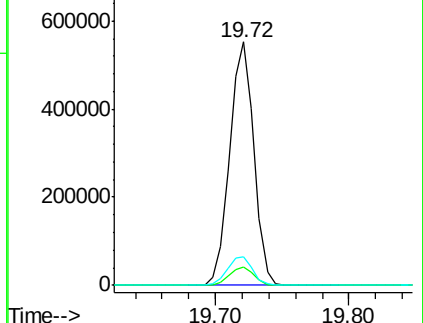
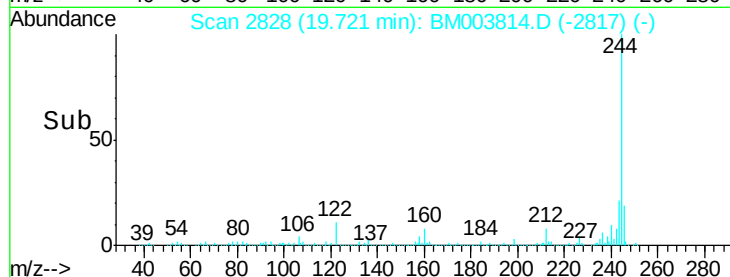
122 11.5 6.2 9.4#



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: 23.52 min Scan# 3474

Delta R.T. -0.05 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

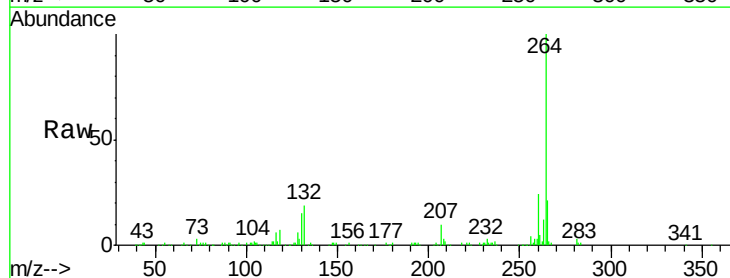
Tgt Ion:264 Resp: 213258

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.4 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

