

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003451.D
 Acq On : 10 Dec 2015 14:19
 Operator : UM/IZ
 Sample : G4690-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 15:11:42 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

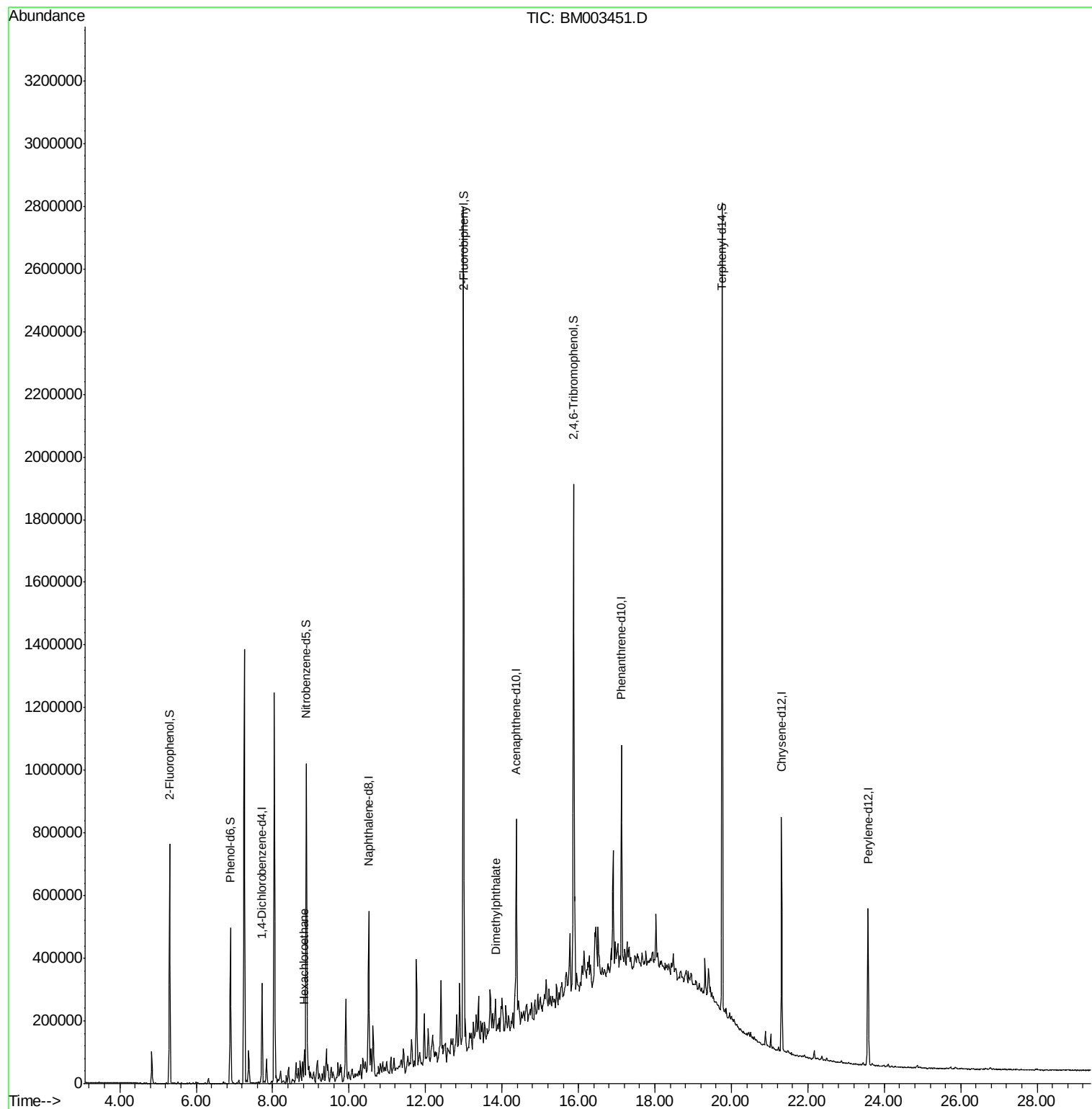
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87971	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	393954	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	214036	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	408588	20.00	ng	0.00
75) Chrysene-d12	21.32	240	357889	20.00	ng	0.00
86) Perylene-d12	23.57	264	342410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	347290	70.19	ng	0.00
7) Phenol-d6	6.89	99	302555	44.03	ng	0.00
23) Nitrobenzene-d5	8.88	82	611547	96.25	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	301426	141.01	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1419501	90.36	ng	0.00
78) Terphenyl-d14	19.76	244	1175380	77.45	ng	0.00
Target Compounds						
18) Hexachloroethane	8.83	117	23445	9.61	ng	# 23
49) Dimethylphthalate	13.83	163	41610	2.36	ng	# 98

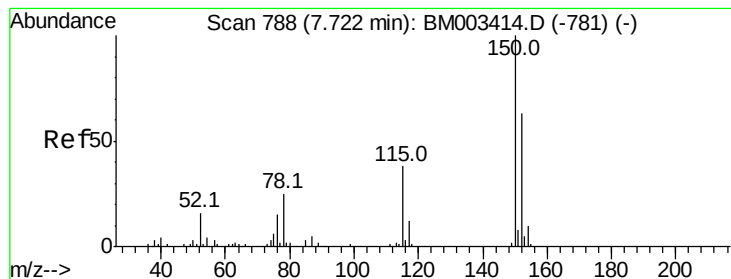
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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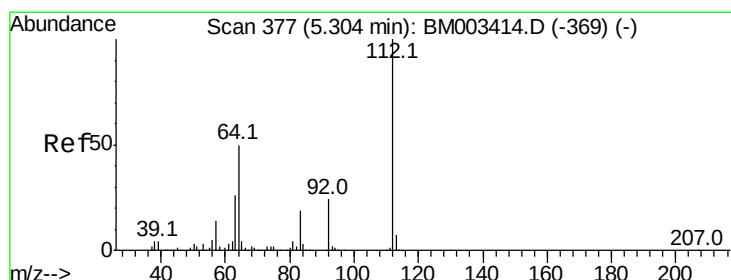
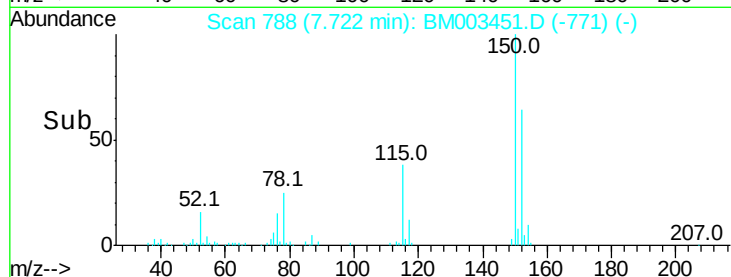
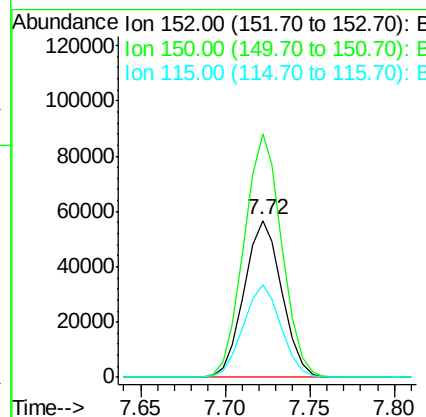
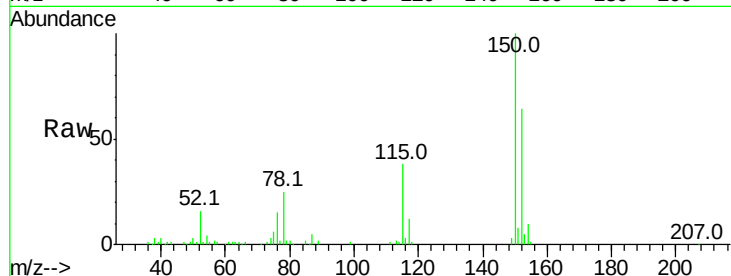


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003451.D
Acq: 10 Dec 2015 14:19

Instrument :
BNA_M
ClientSampled :

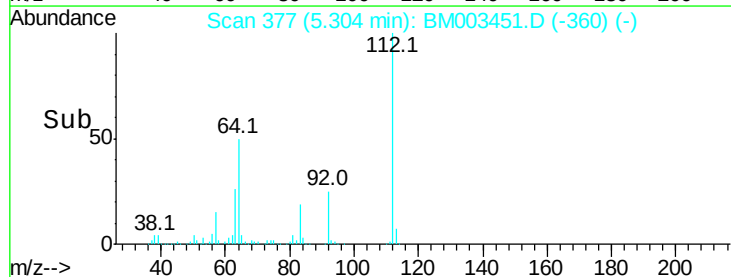
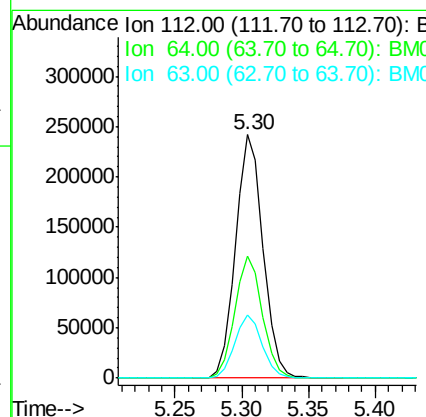
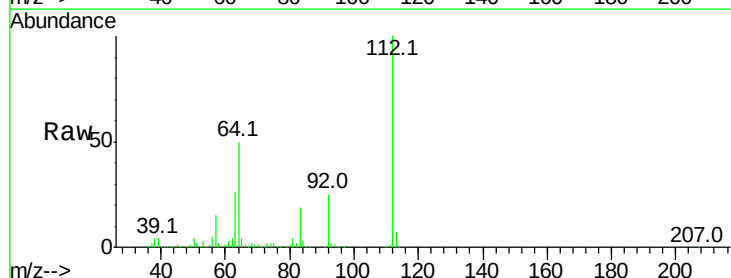
Tot Ion:152 Resp: 87971
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 59.1 43.0 64.4

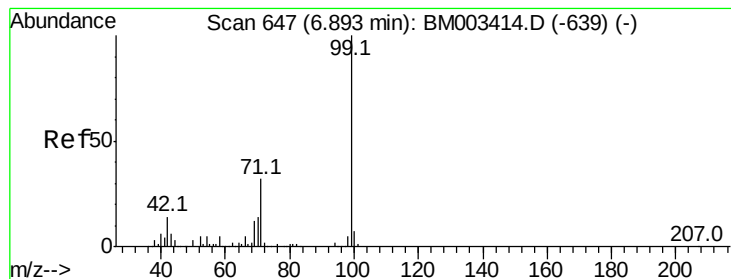


#5

2-Fluorophenol
Concen: 70.19 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003451.D
Acq: 10 Dec 2015 14:19

Tgt Ion:112 Resp: 347290
Ion Ratio Lower Upper
112 100
64 50.1 38.6 57.8
63 26.0 19.3 28.9





#7

Phenol-d6

Concen: 44.03 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003451.D

Acq: 10 Dec 2015 14:19

Instrument :

BNA_M

ClientSampleId :

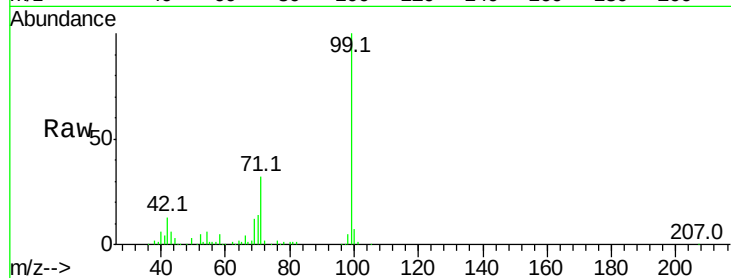
Tot Ion: 99 Resp: 302555

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

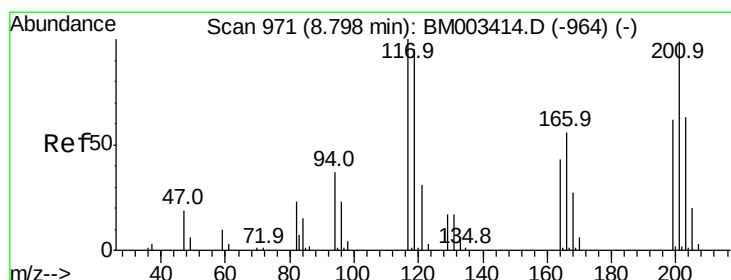
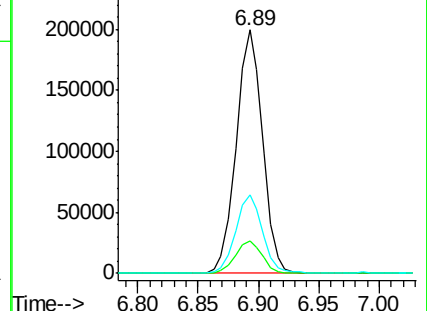
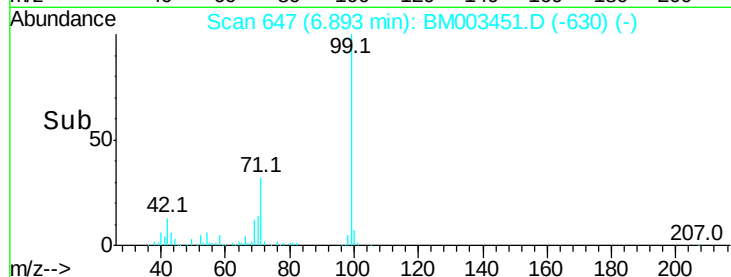
71 32.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#18

Hexachloroethane

Concen: 9.61 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.03 min

Lab File: BM003451.D

Acq: 10 Dec 2015 14:19

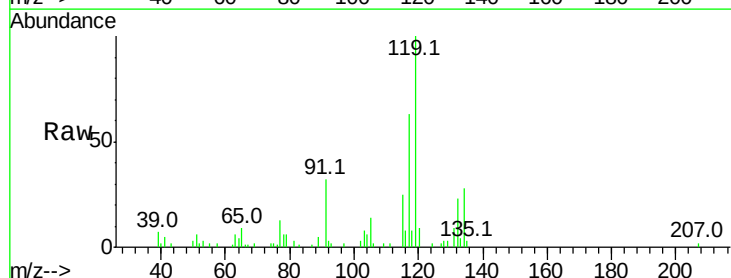
Tgt Ion: 117 Resp: 23445

Ion Ratio Lower Upper

117 100

119 160.0 79.2 118.8#

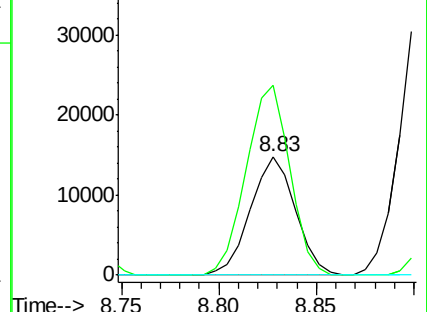
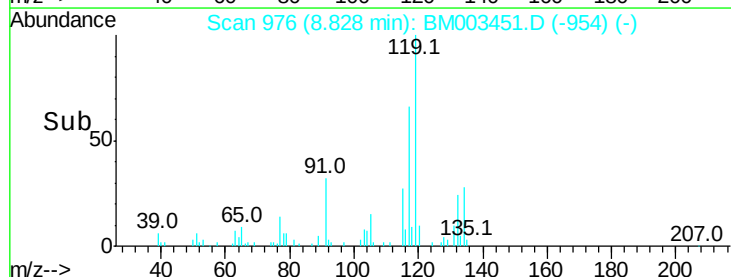
201 0.0 69.8 104.6#

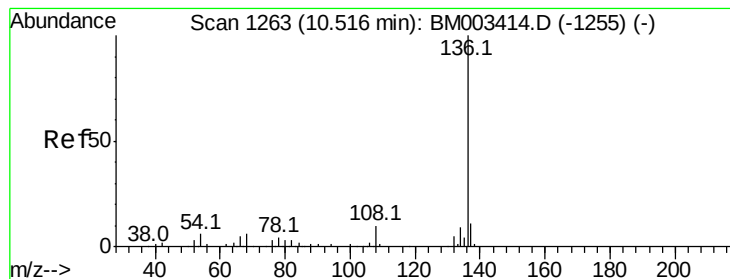


Abundance Ion 117.00 (116.70 to 117.70): BM003414.D (-964) (-)

Ion 119.00 (118.70 to 119.70): BM003414.D (-964) (-)

Ion 201.00 (200.70 to 201.70): BM003414.D (-964) (-)

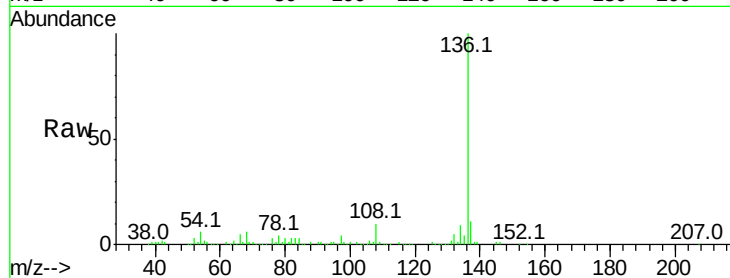




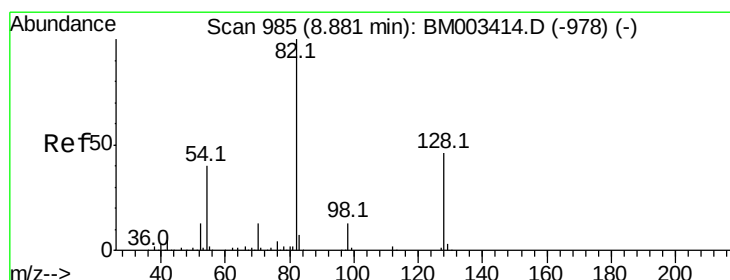
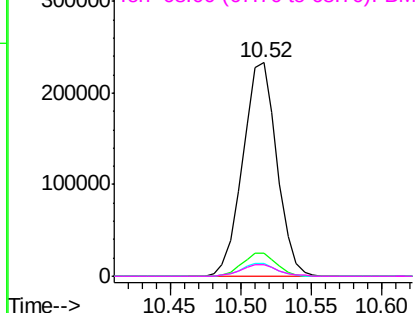
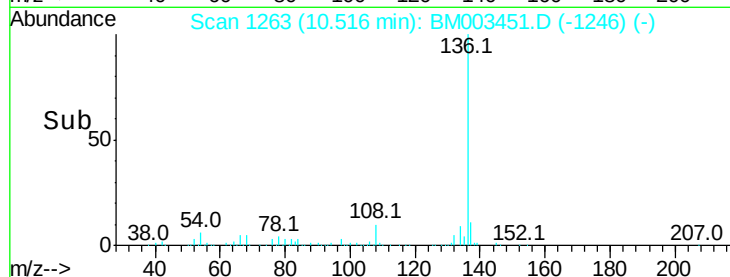
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM003451.D
Acq: 10 Dec 2015 14:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	393954
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	5.8	4.6 6.8
68	5.5	3.7 5.5

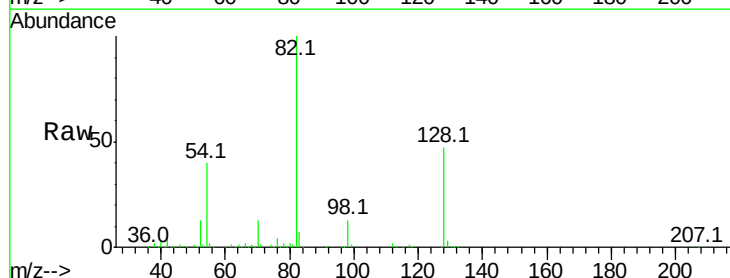


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

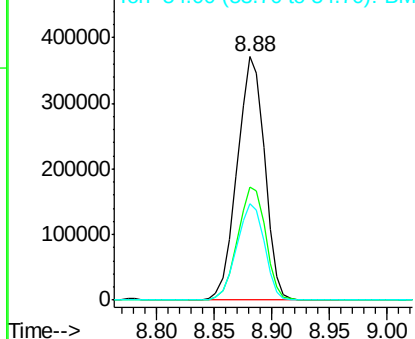
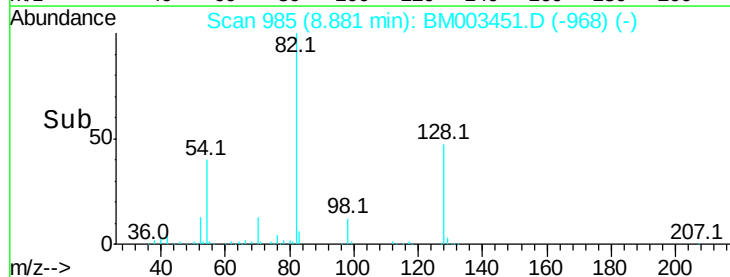


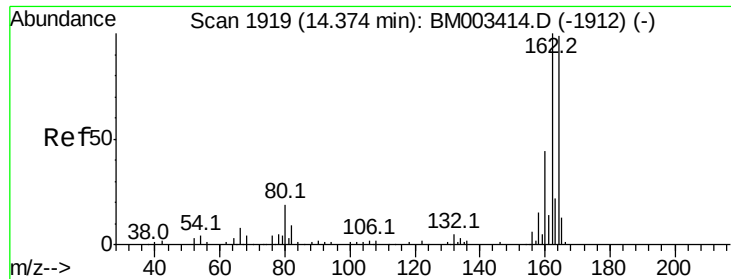
#23
Nitrobenzene-d5
Concen: 96.25 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM003451.D
Acq: 10 Dec 2015 14:19

Tgt Ion: 82	Resp:	611547
Ion Ratio	Lower	Upper
82	100	
128	46.6	32.8 49.2
54	39.7	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

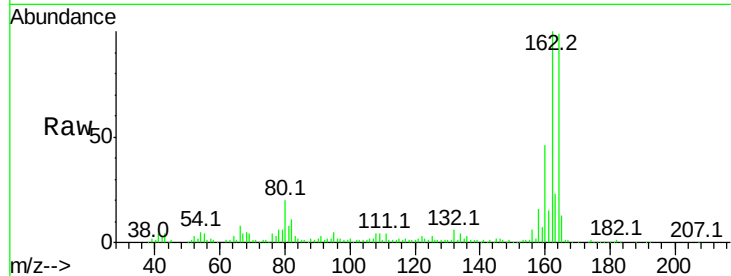




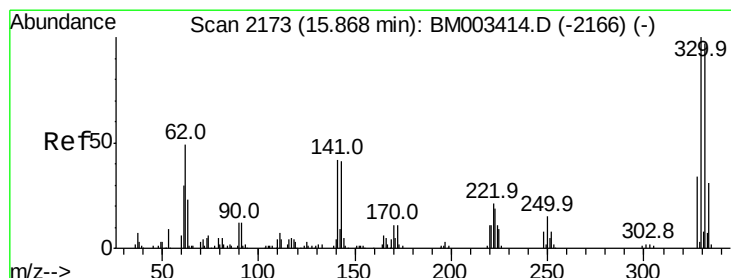
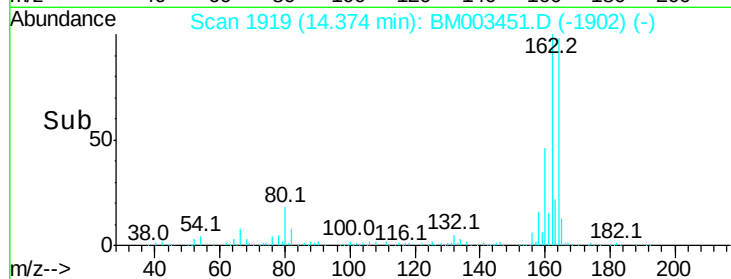
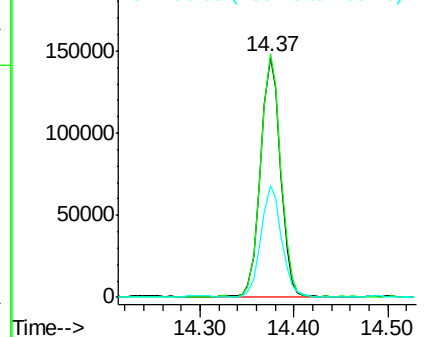
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003451.D
 Acq: 10 Dec 2015 14:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.4	123.6
160	46.7	35.8	53.6

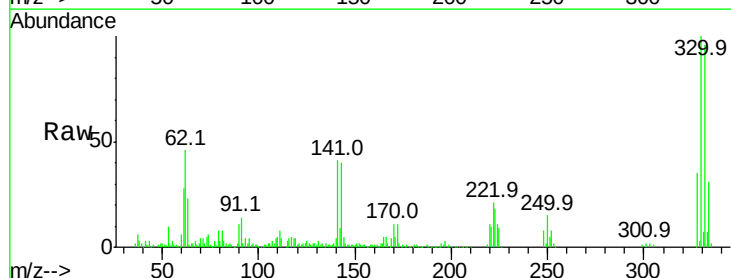


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

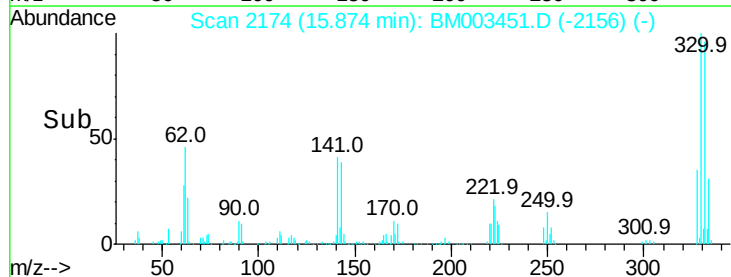
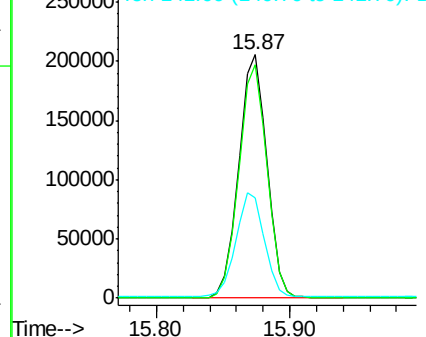


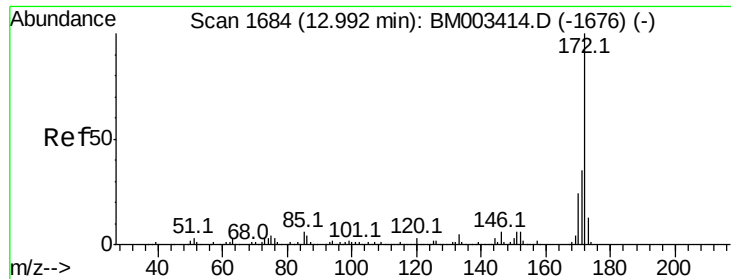
#41
 2,4,6-Tribromophenol
 Concen: 141.01 ng
 RT: 15.87 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BM003451.D
 Acq: 10 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	43.0	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

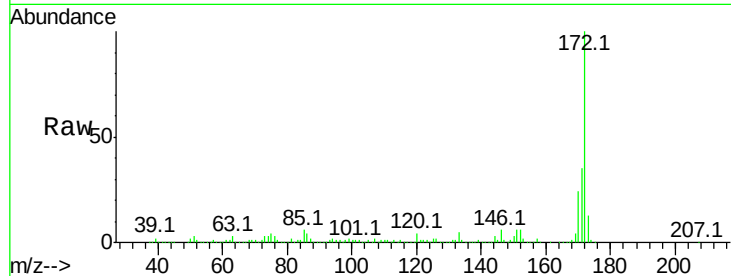




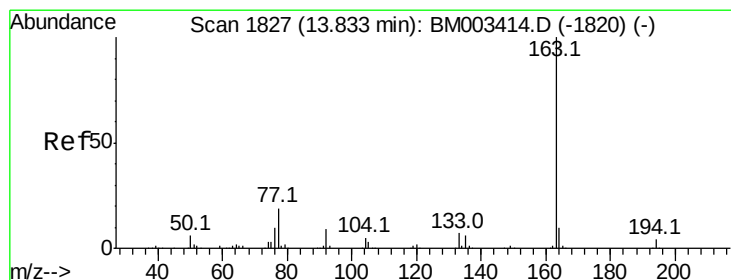
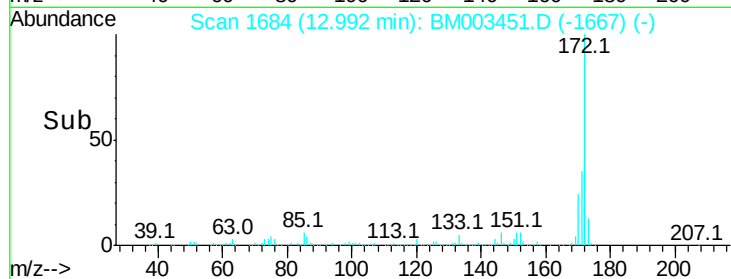
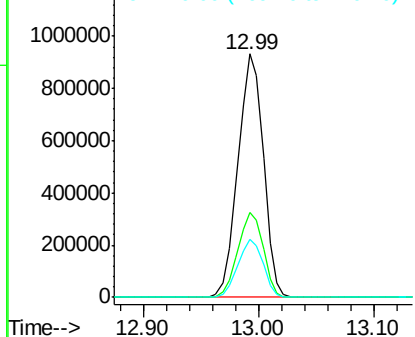
#44
2-Fluorobiphenyl
Concen: 90.36 ng
RT: 12.99 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM003451.D
Acq: 10 Dec 2015 14:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1419501
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.6 18.8 28.2

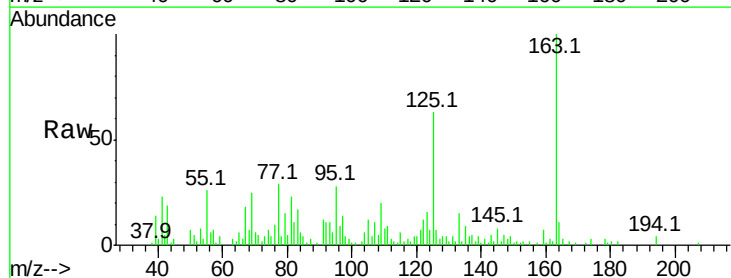


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

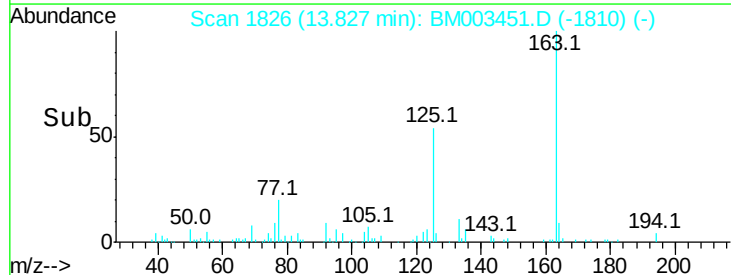
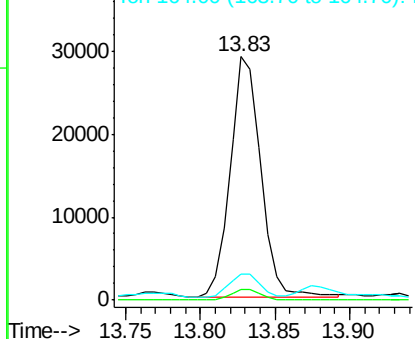


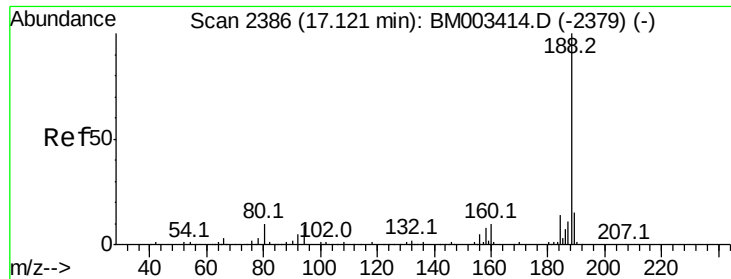
#49
Dimethylphthalate
Concen: 2.36 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003451.D
Acq: 10 Dec 2015 14:19

Tgt Ion:163 Resp: 41610
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM003451.D

Acq: 10 Dec 2015 14:19

Instrument :

BNA_M

ClientSampleId :

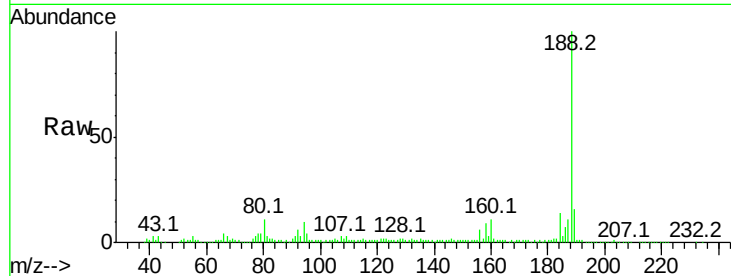
Tot Ion:188 Resp: 408588

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

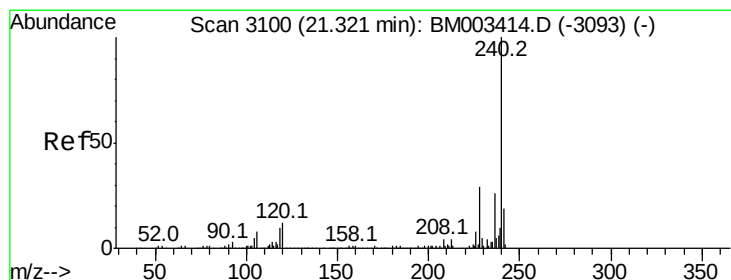
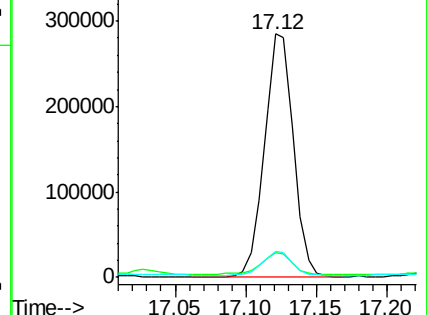
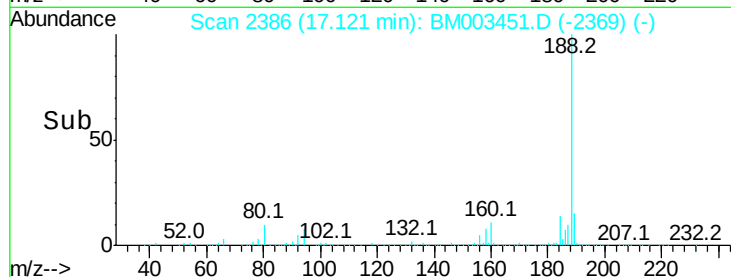
80 10.8 9.3 13.9



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: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003451.D

Acq: 10 Dec 2015 14:19

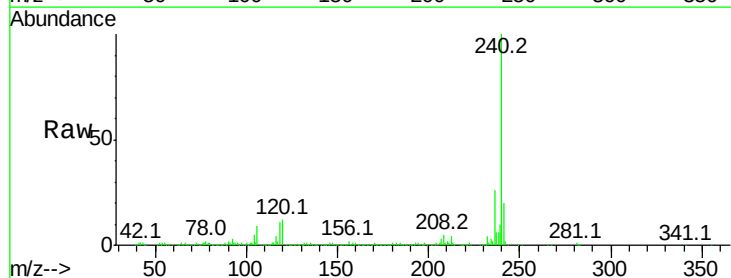
Tgt Ion:240 Resp: 357889

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

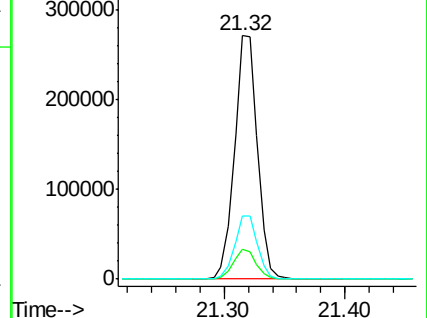
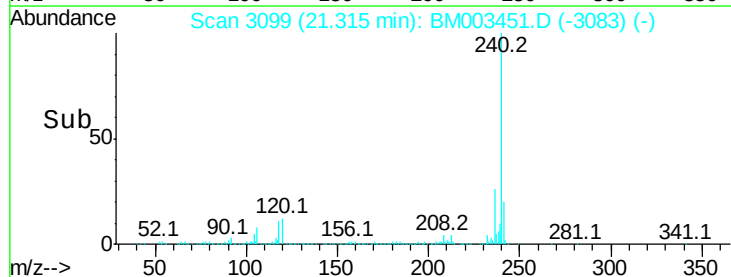
236 26.0 20.0 30.0

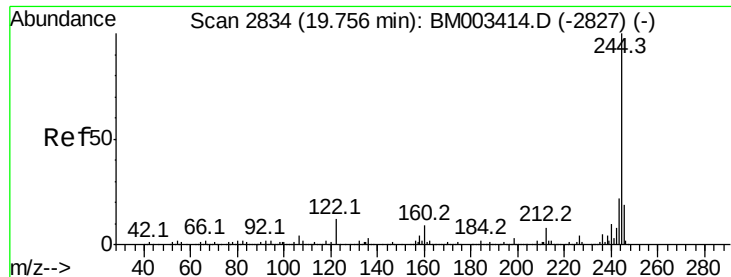


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.45 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003451.D

Acq: 10 Dec 2015 14:19

Instrument :

BNA_M

ClientSampled :

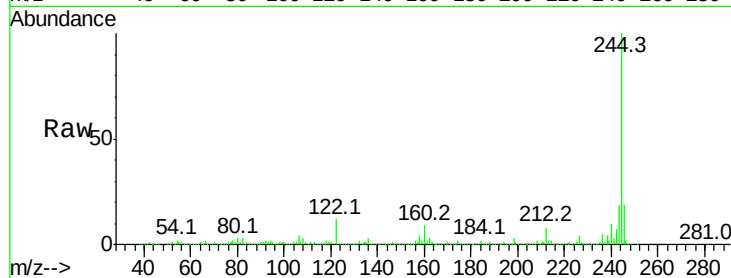
Tot Ion:244 Resp: 1175380

Ion Ratio Lower Upper

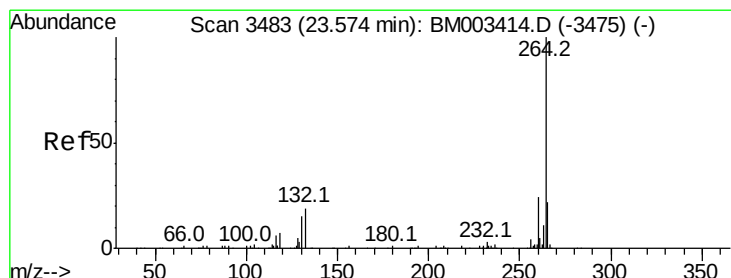
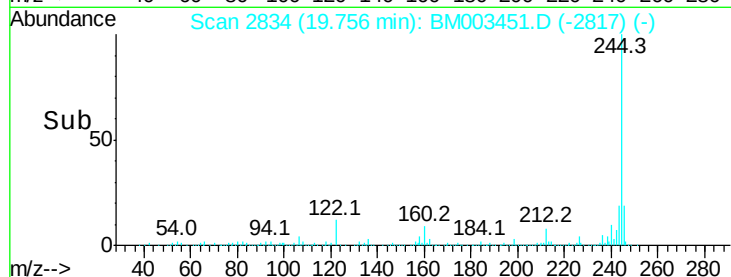
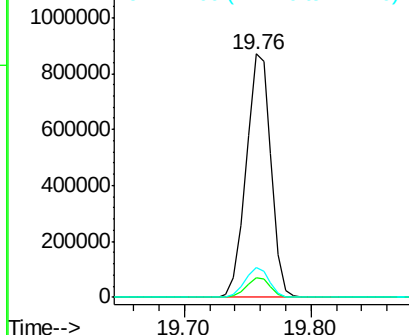
244 100

212 8.0 4.9 7.3#

122 12.3 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: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM003451.D

Acq: 10 Dec 2015 14:19

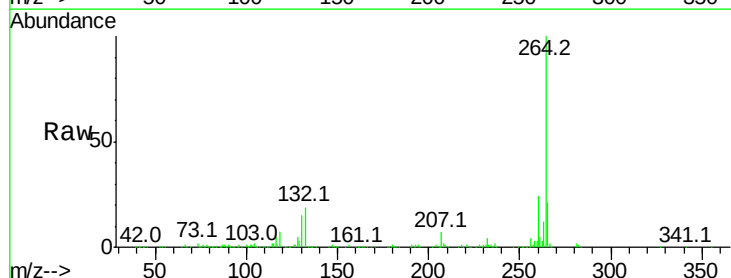
Tgt Ion:264 Resp: 342410

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.3 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

