

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009963.D
 Acq On : 07 May 2017 04:39
 Operator : SJ/MA
 Sample : I2997-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:46:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

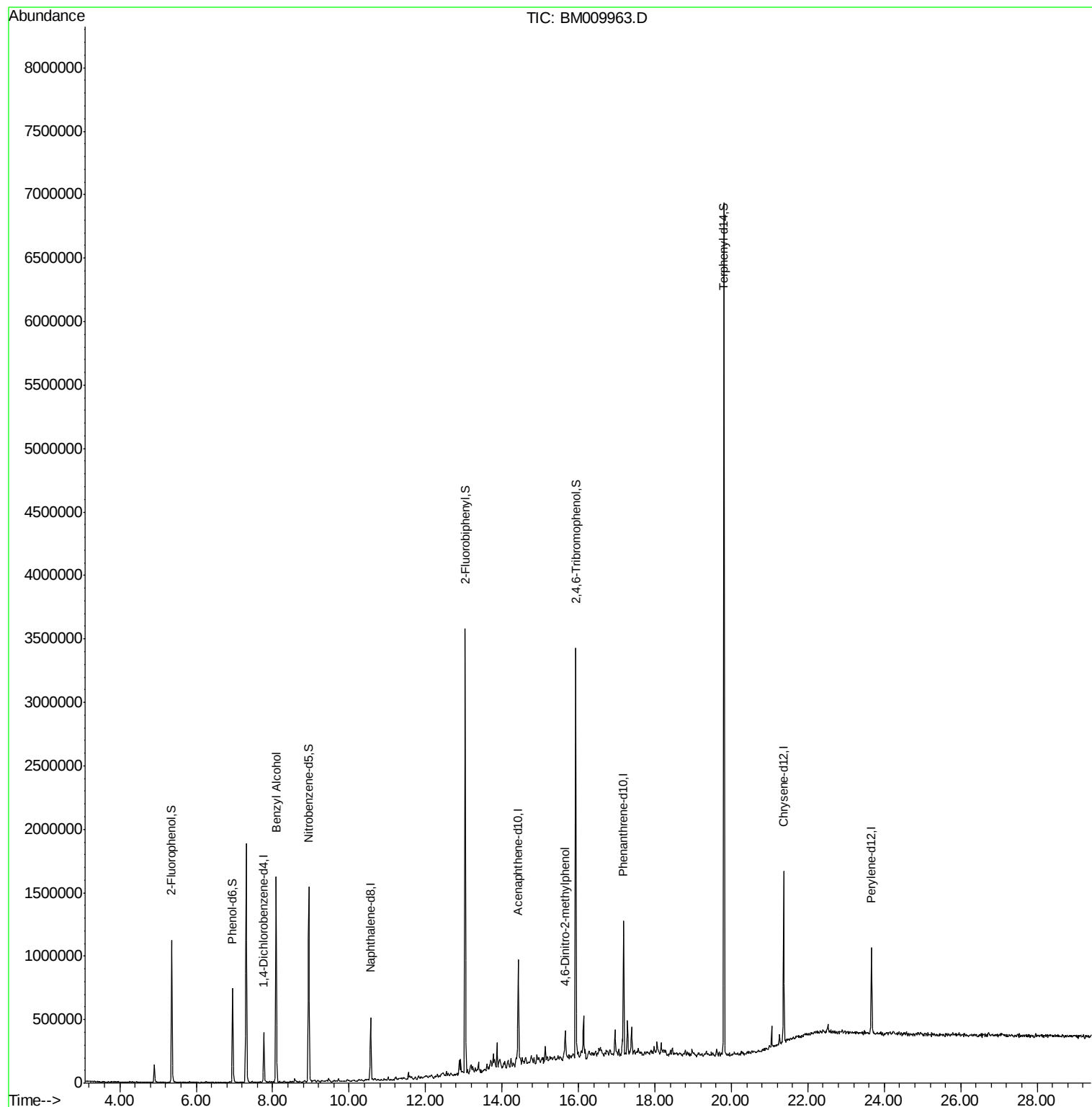
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	73670	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	325211	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	221709	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	516192	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	565660	20.00	ng	-0.02
86) Perylene-d12	23.67	264	443174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	336784	72.78	ng	-0.01
7) Phenol-d6	6.95	99	321627	45.34	ng	-0.02
23) Nitrobenzene-d5	8.95	82	840032	93.48	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	400949	132.41	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1497369	87.99	ng	-0.01
78) Terphenyl-d14	19.80	244	2415926	87.62	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.09	79	14126	2.15	ng	# 36
64) 4,6-Dinitro-2-methylphenol	15.65	198	129	5.94	ng	# 1

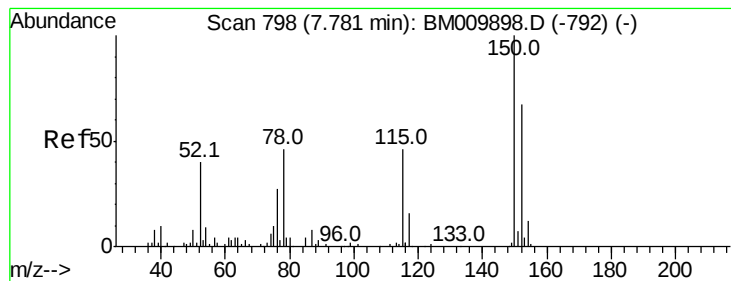
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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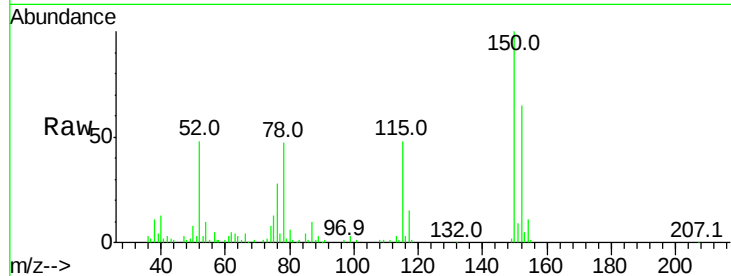


#1

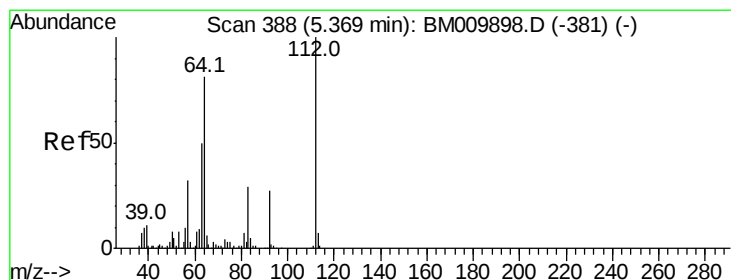
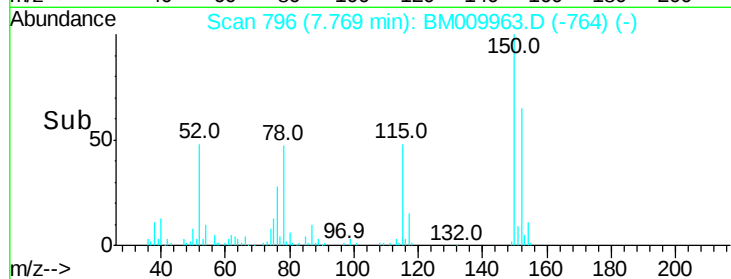
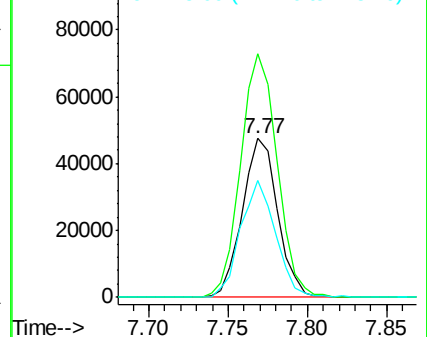
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009963.D
Acq: 07 May 2017 04:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 73670
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 73.3 43.0 64.4#



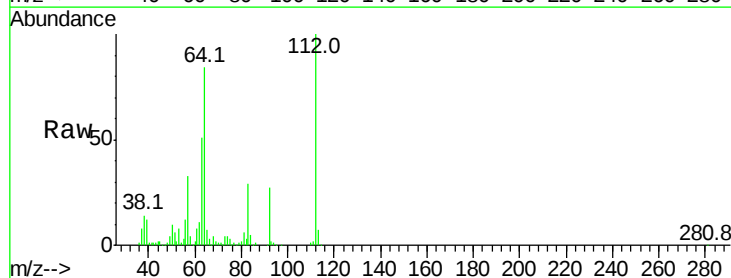
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



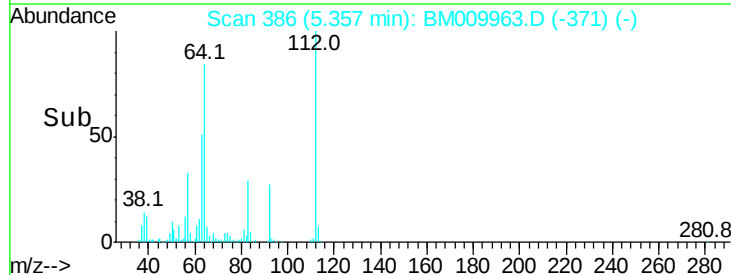
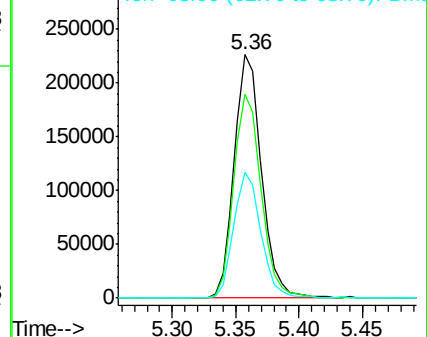
#5

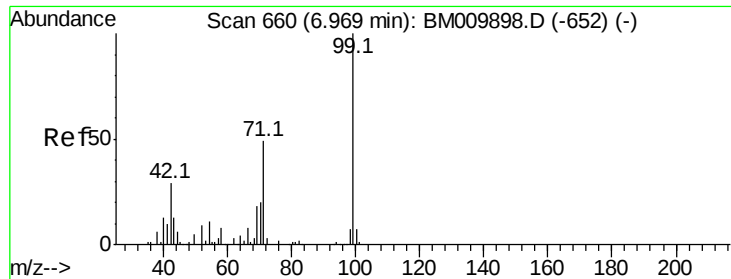
2-Fluorophenol
Concen: 72.78 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM009963.D
Acq: 07 May 2017 04:39

Tgt Ion:112 Resp: 336784
Ion Ratio Lower Upper
112 100
64 83.7 38.6 57.8#
63 51.5 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: 45.34 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

Instrument :

BNA_M

ClientSampled :

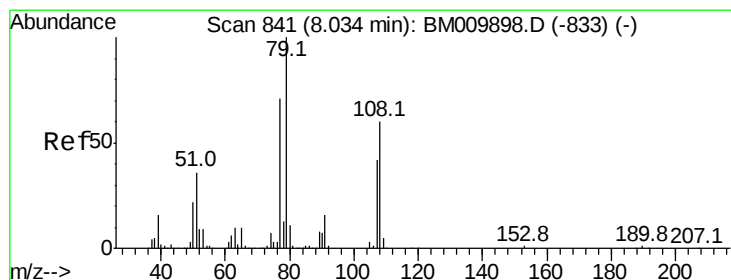
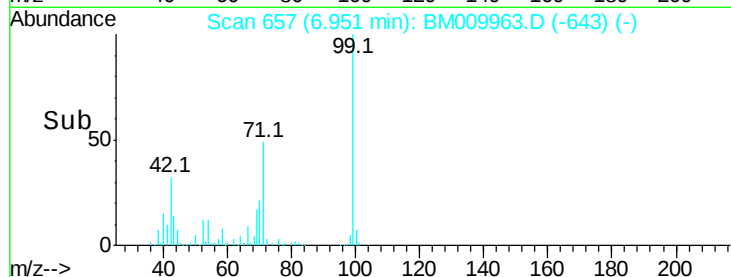
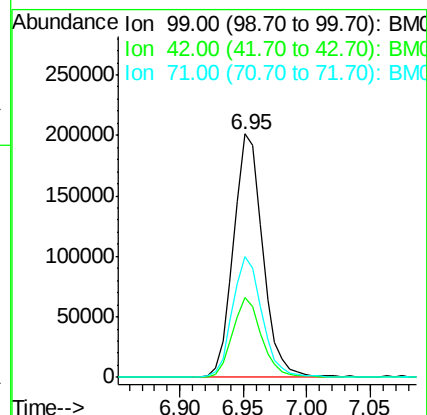
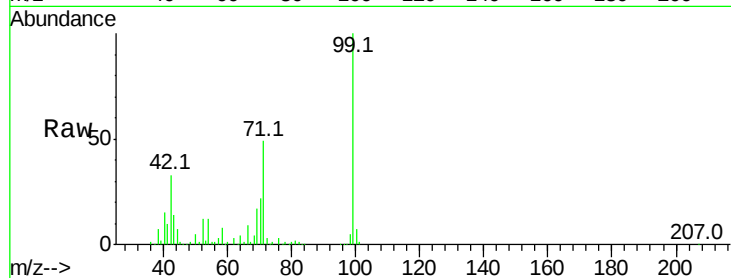
Tot Ion: 99 Resp: 321627

Ion Ratio Lower Upper

99 100

42 32.6 11.0 16.4#

71 49.4 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 8.09 min Scan# 850

Delta R.T. 0.05 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

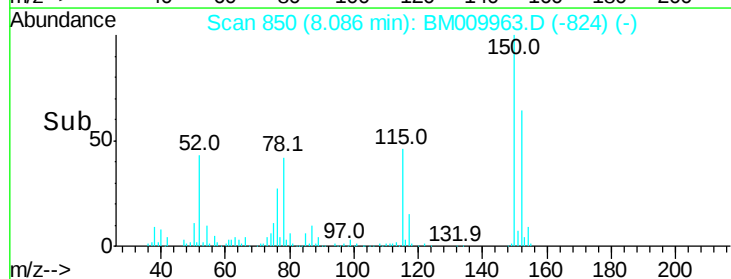
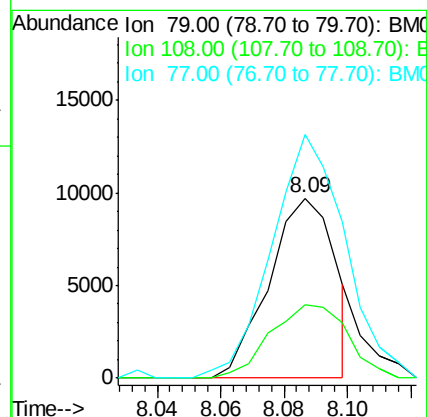
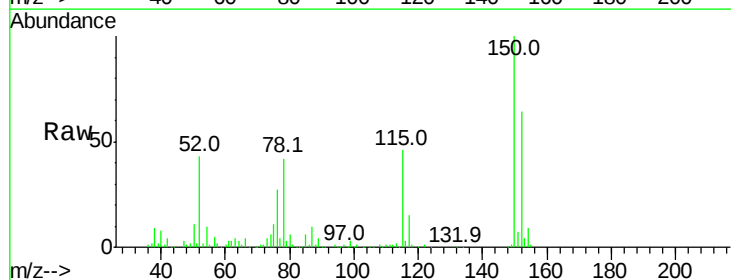
Tgt Ion: 79 Resp: 14126

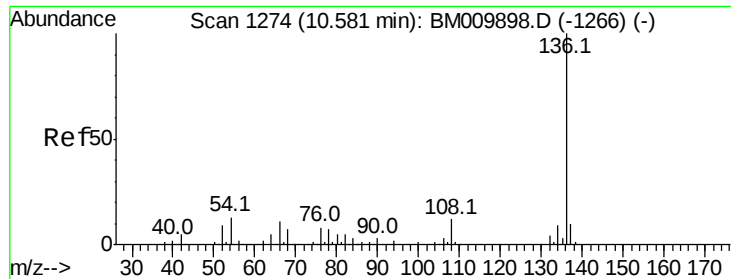
Ion Ratio Lower Upper

79 100

108 40.8 65.0 97.4#

77 135.2 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 325211

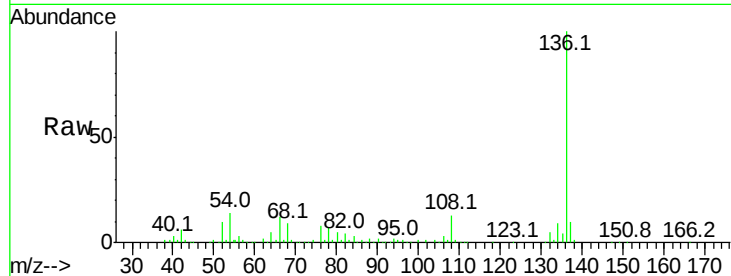
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 14.0 4.6 6.8#

68 8.6 3.7 5.5#

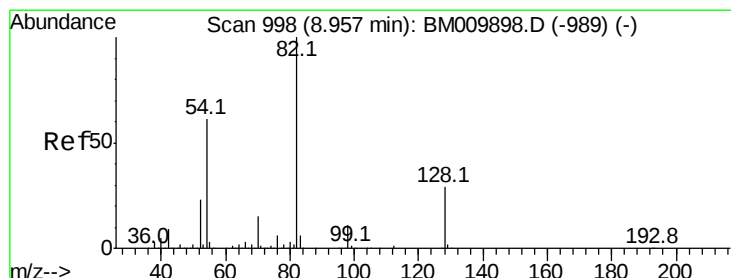
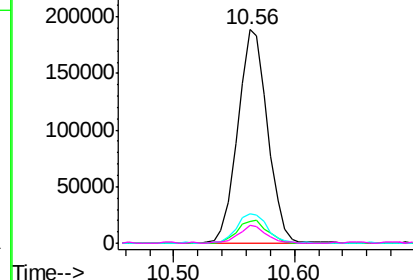
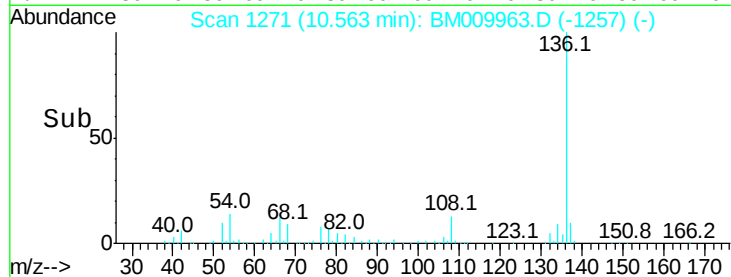


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.48 ng

RT: 8.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

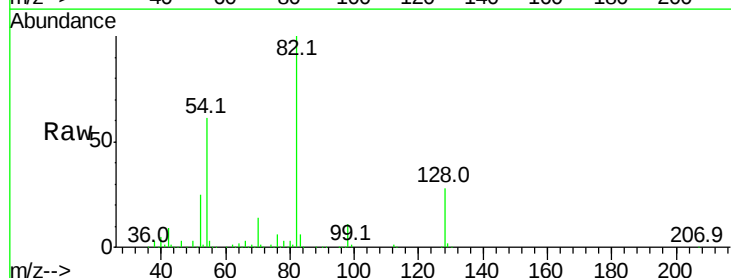
Tgt Ion: 82 Resp: 840032

Ion Ratio Lower Upper

82 100

128 28.0 32.8 49.2#

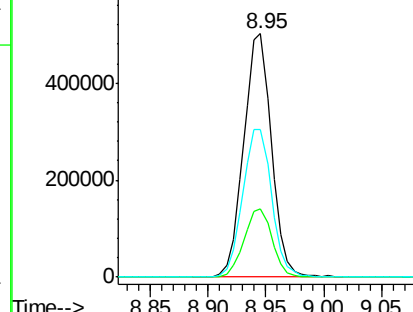
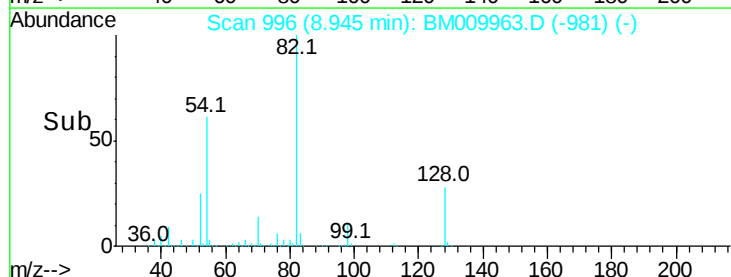
54 60.9 40.6 60.8#

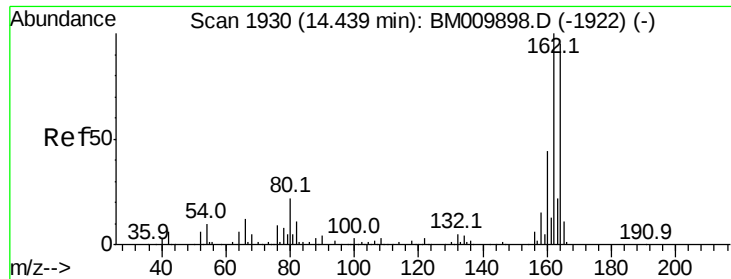


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

Instrument :

BNA_M

ClientSampleId :

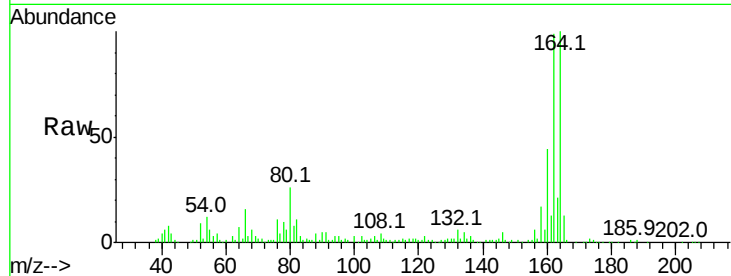
Tot Ion:164 Resp: 221709

Ion Ratio Lower Upper

164 100

162 98.9 82.4 123.6

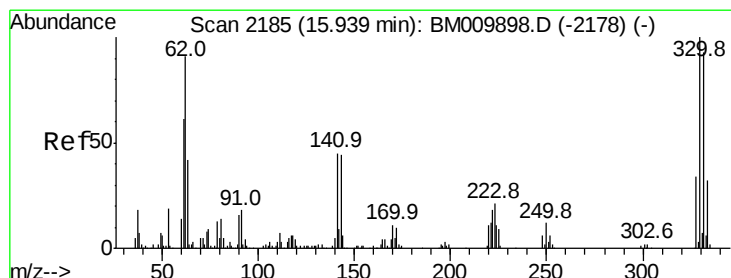
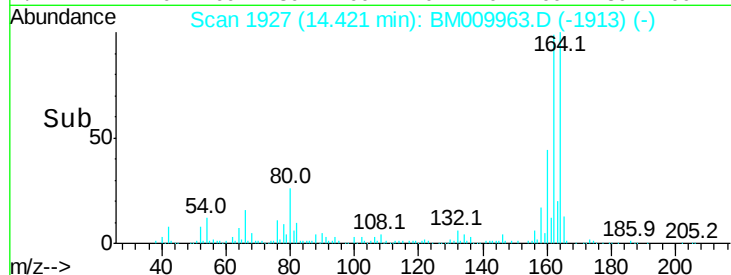
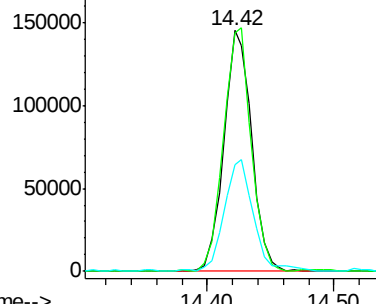
160 44.2 35.8 53.6



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: 132.41 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

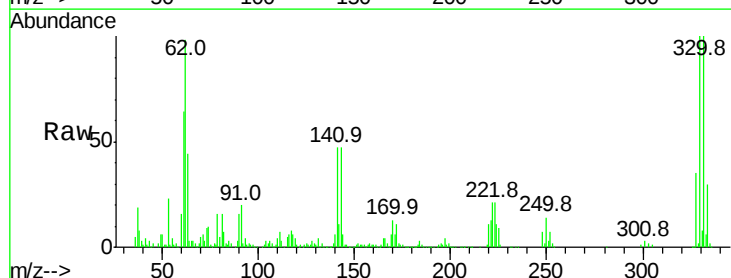
Tgt Ion:330 Resp: 400949

Ion Ratio Lower Upper

330 100

332 98.3 0.0 0.0#

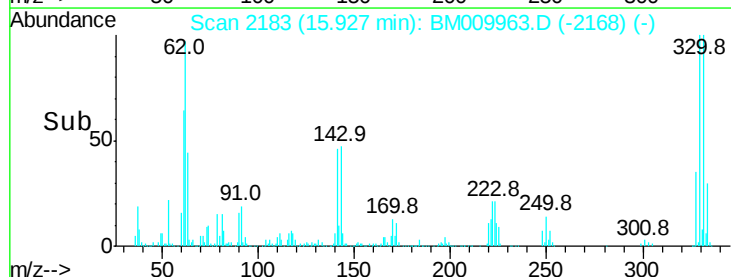
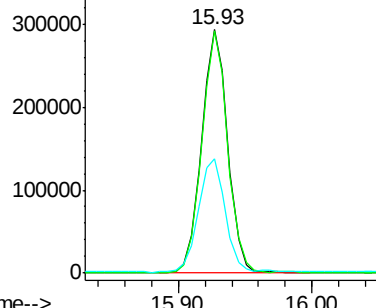
141 48.0 0.0 0.0#

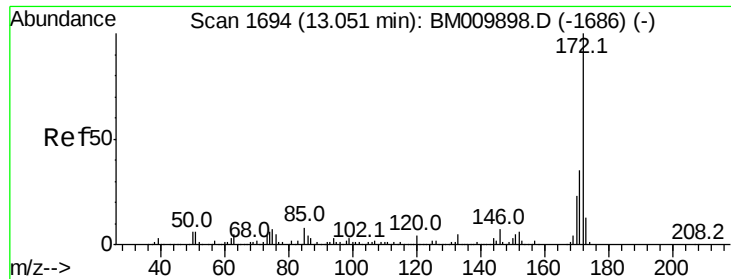


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

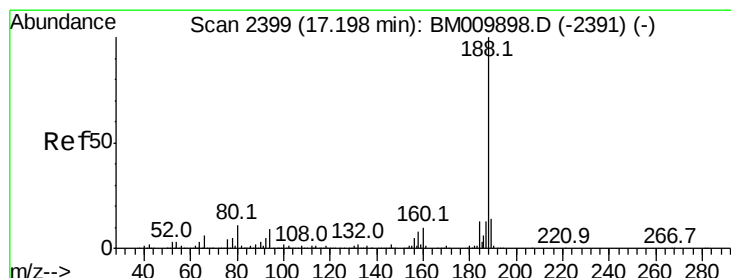
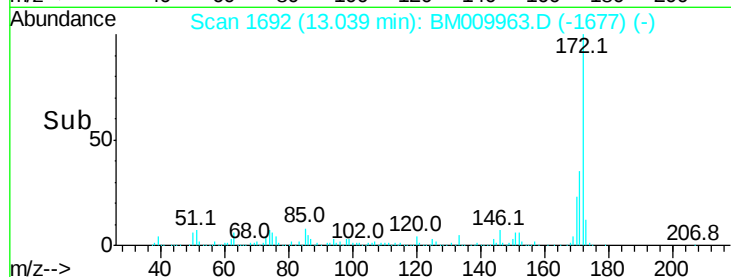
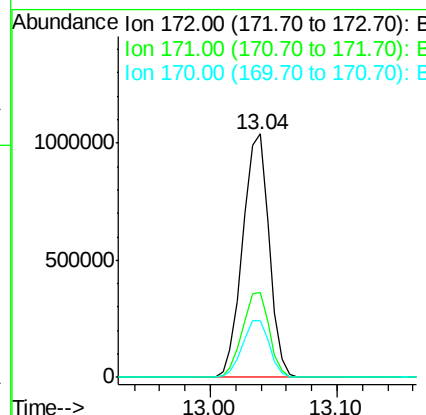
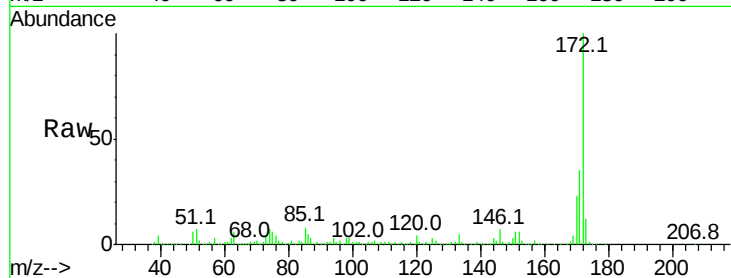




#44
2-Fluorobiphenyl
Concen: 87.99 ng
RT: 13.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM009963.D
Acq: 07 May 2017 04:39

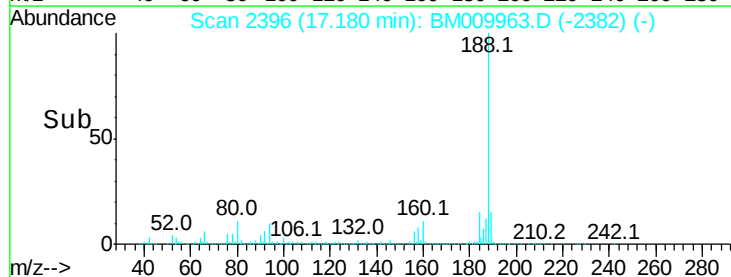
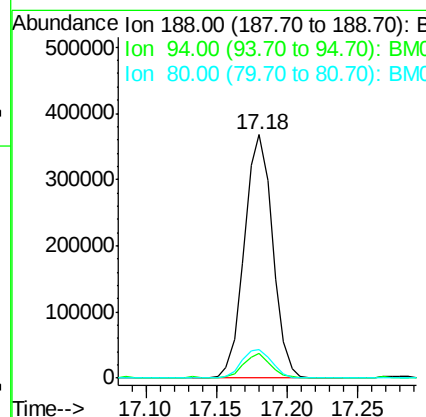
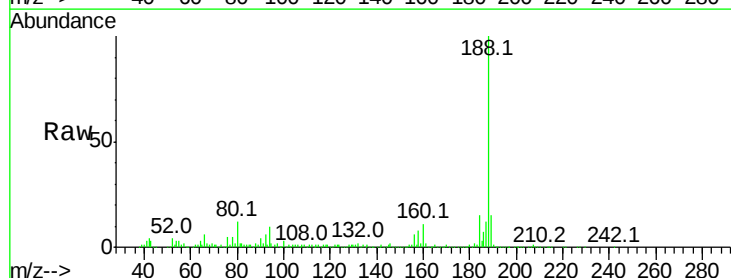
Instrument :
BNA_M
ClientSampled :

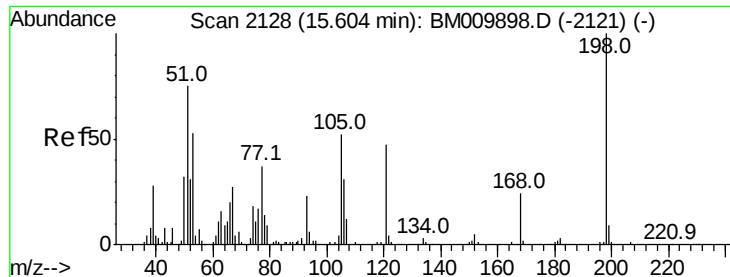
Tot Ion:172 Resp: 1497369
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.3 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009963.D
Acq: 07 May 2017 04:39

Tgt Ion:188 Resp: 516192
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.6 9.3 13.9





#64

4,6-Dinitro-2-methylphenol

Concen: 5.94 ng

RT: 15.65 min Scan# 2136

Delta R.T. 0.05 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

Instrument :

BNA_M

ClientSampleId :

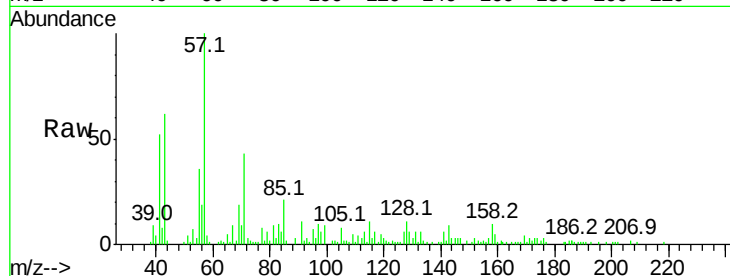
Tot Ion:198 Resp: 129

Ion Ratio Lower Upper

198 100

51 530.3 28.8 68.8#

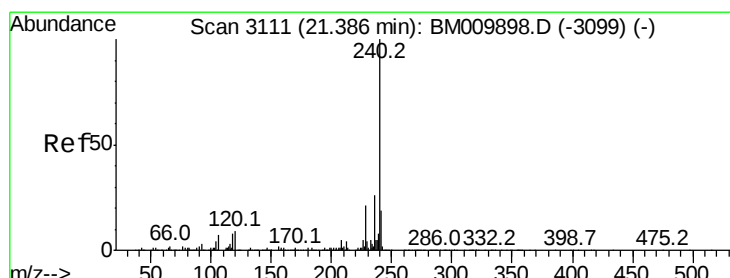
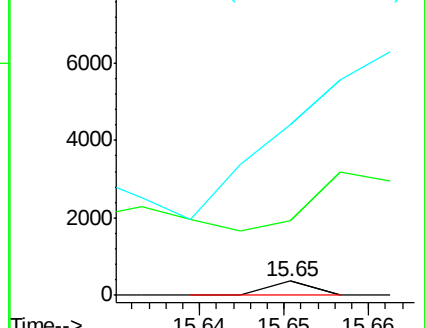
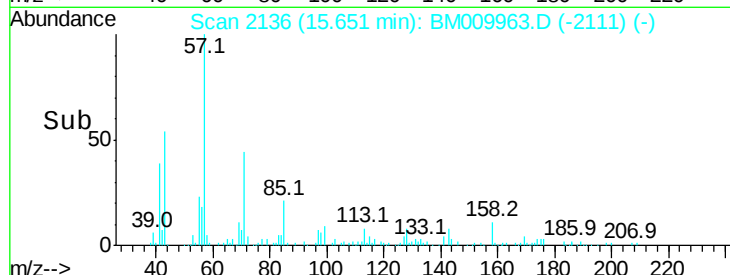
105 1205.5 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM009898.D (-2121) (-)

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

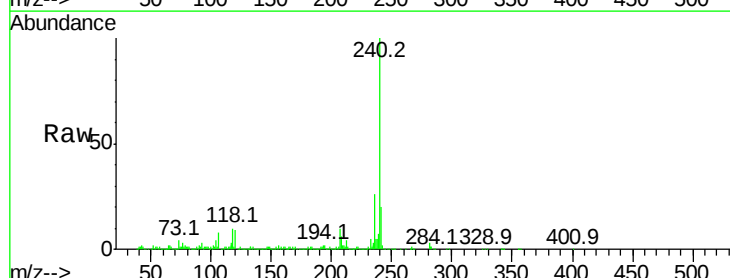
Tgt Ion:240 Resp: 565660

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

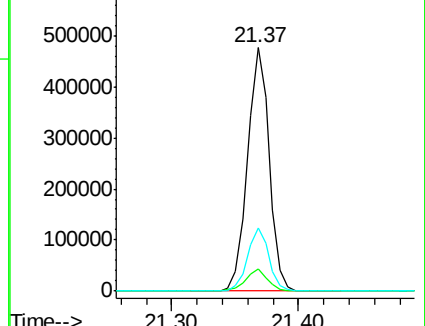
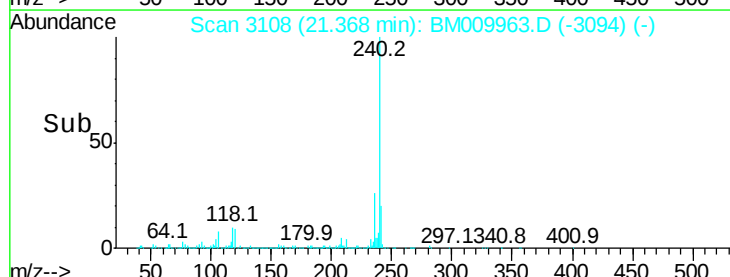
236 25.7 20.0 30.0

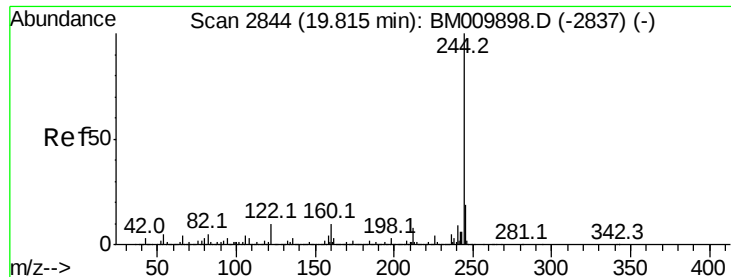


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.62 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

Instrument :

BNA_M

ClientSampleId :

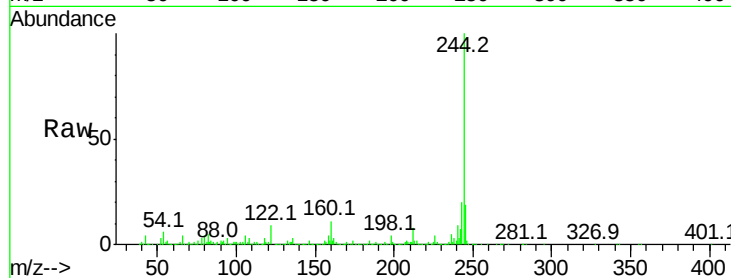
Tot Ion:244 Resp: 2415926

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.5	6.2	9.4#

244 100

212 8.0 4.9 7.3#

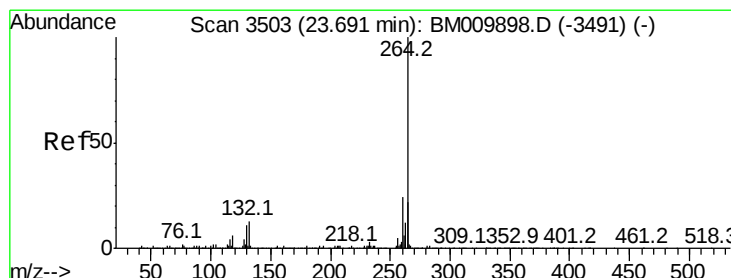
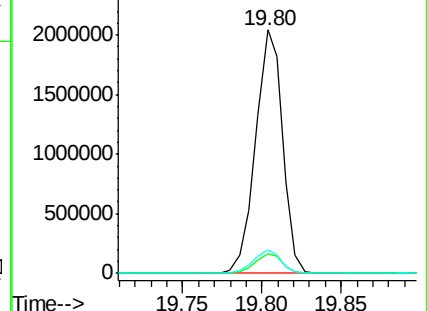
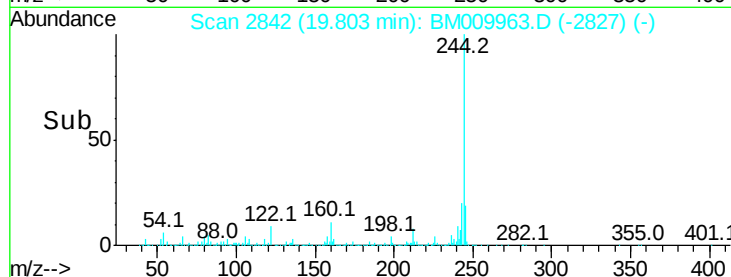
122 9.5 6.2 9.4#



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: 23.67 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM009963.D

Acq: 07 May 2017 04:39

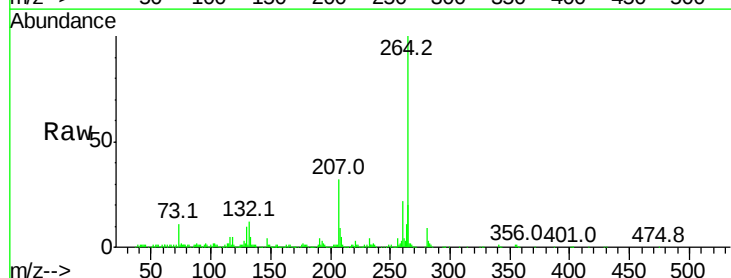
Tgt Ion:264 Resp: 443174

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.6	27.8
265	20.5	17.3	25.9

264 100

260 21.6 18.6 27.8

265 20.5 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

