

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009916.D
 Acq On : 05 May 2017 23:28
 Operator : SJ/MA
 Sample : I2893-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 00:20:35 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

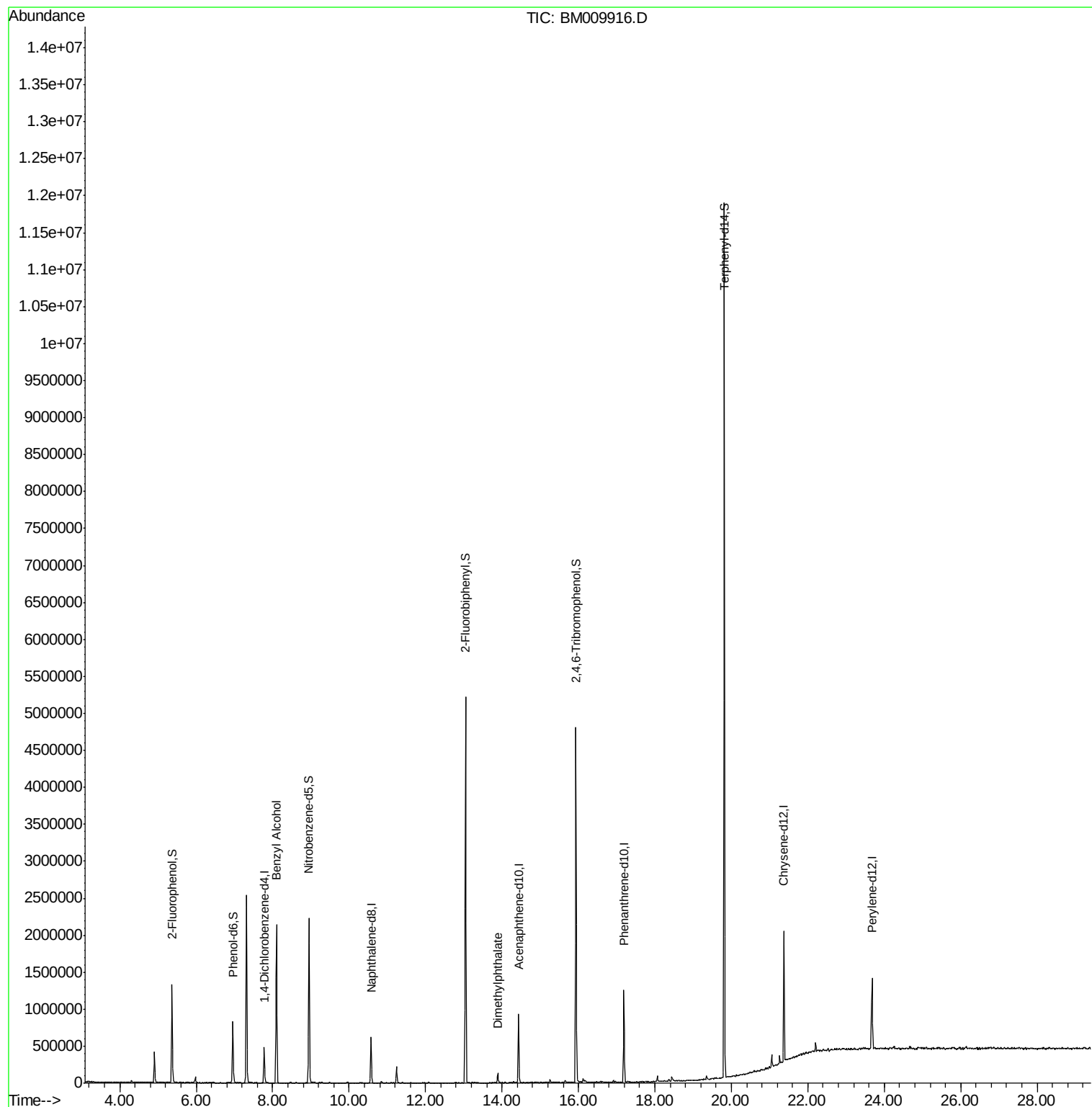
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	100158	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	405703	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	259664	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	638979	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	788718	20.00	ng	-0.01
86) Perylene-d12	23.68	264	659382	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	419182	66.63	ng	0.00
7) Phenol-d6	6.96	99	373019	38.68	ng	-0.01
23) Nitrobenzene-d5	8.95	82	1186179	105.81	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	623932	175.93	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	2143475	107.55	ng	0.00
78) Terphenyl-d14	19.82	244	4164023	108.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.09	79	18529	2.07	ng	# 47
49) Dimethylphthalate	13.89	163	66175	2.68	ng	# 95

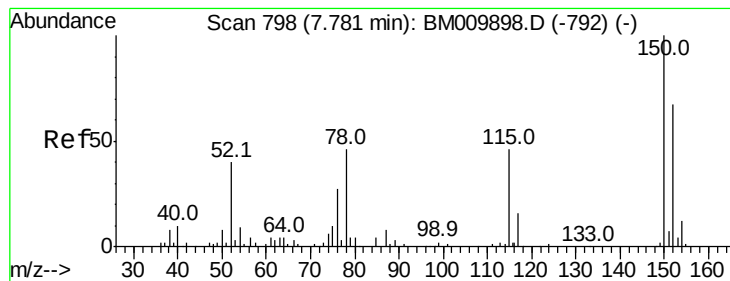
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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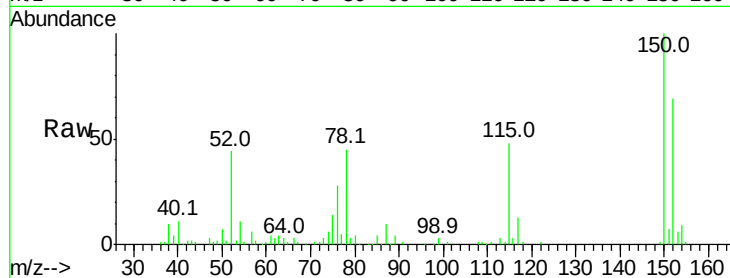


#1

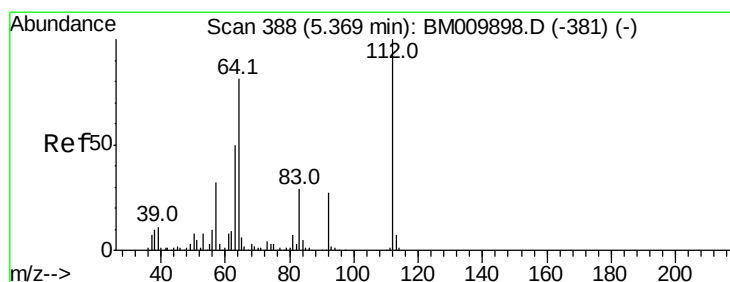
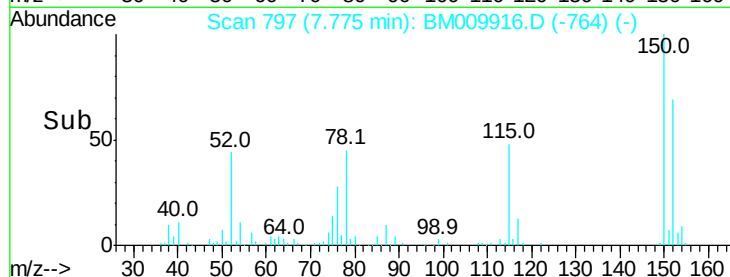
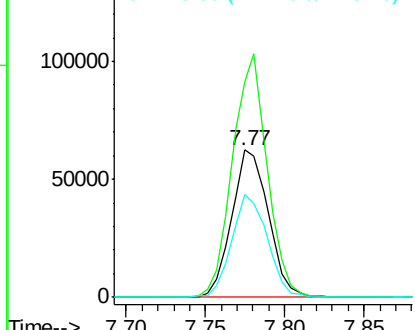
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM009916.D
 Acq: 05 May 2017 23:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 100158
 Ion Ratio Lower Upper
 152 100
 150 145.9 119.5 179.3
 115 69.4 43.0 64.4#



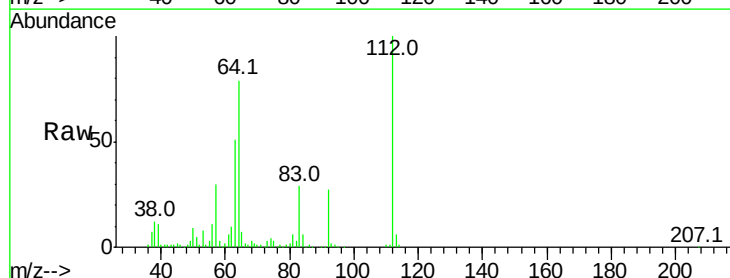
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



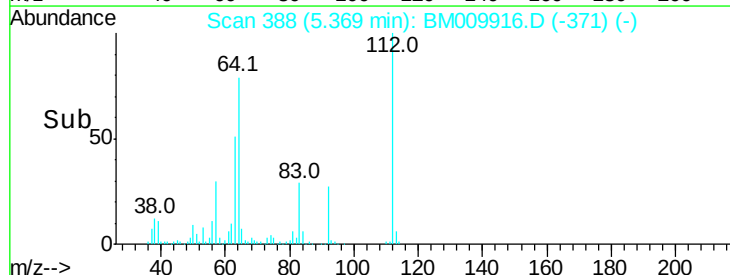
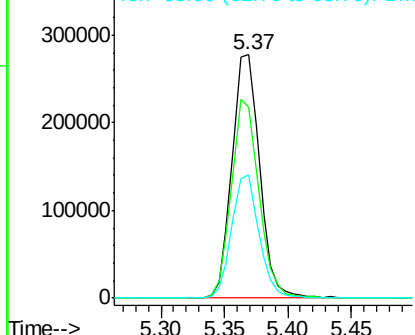
#5

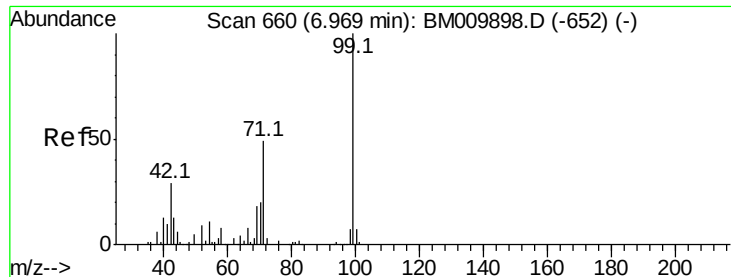
2-Fluorophenol
 Concen: 66.63 ng
 RT: 5.37 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BM009916.D
 Acq: 05 May 2017 23:28

Tgt Ion:112 Resp: 419182
 Ion Ratio Lower Upper
 112 100
 64 78.7 38.6 57.8#
 63 50.8 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: 38.68 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

Instrument :

BNA_M

ClientSampleId :

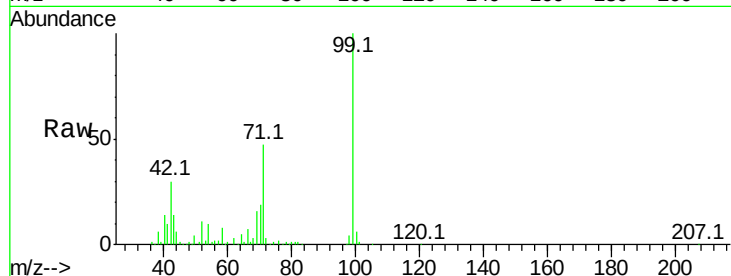
Tot Ion: 99 Resp: 373019

Ion Ratio Lower Upper

99 100

42 30.4 11.0 16.4#

71 47.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)

6.96

250000

200000

150000

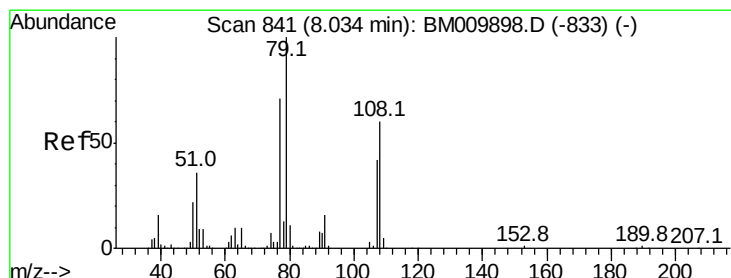
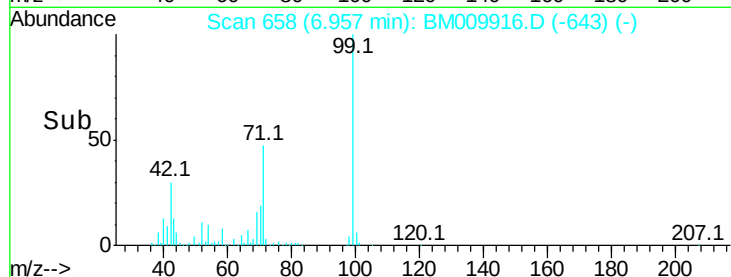
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 8.09 min Scan# 851

Delta R.T. 0.06 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

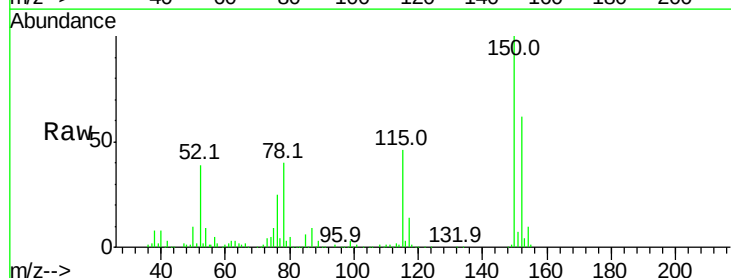
Tgt Ion: 79 Resp: 18529

Ion Ratio Lower Upper

79 100

108 44.7 65.0 97.4#

77 121.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BM009898.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BM009898.D (-833) (-)

8.09

20000

15000

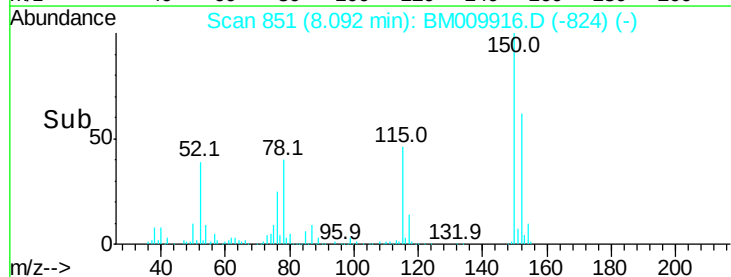
10000

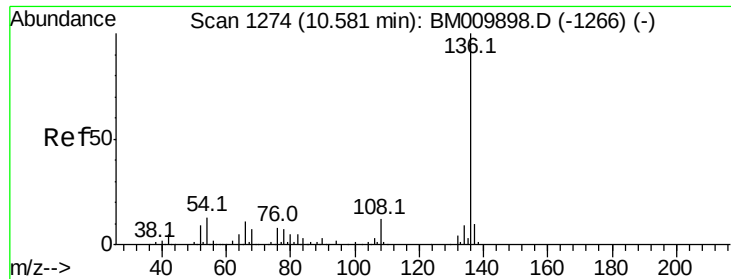
5000

0

8.04 8.06 8.08 8.10 8.12

Time-->

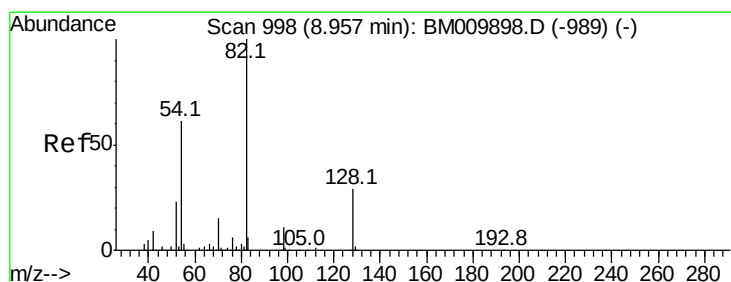
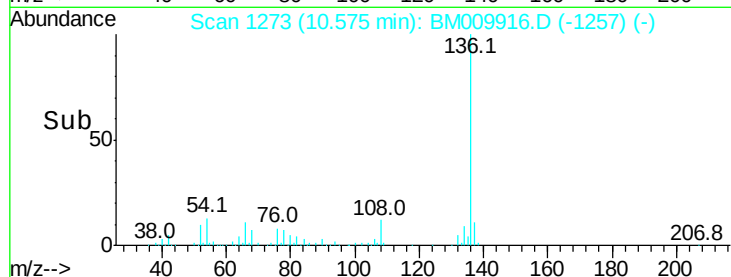
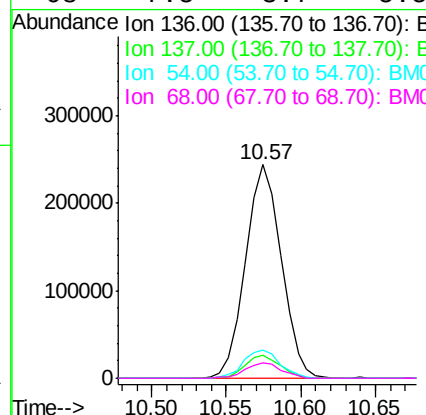
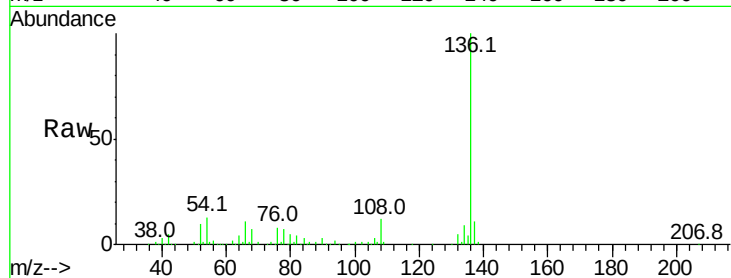




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM009916.D
Acq: 05 May 2017 23:28

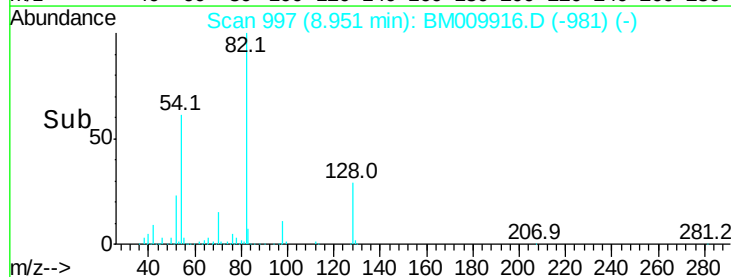
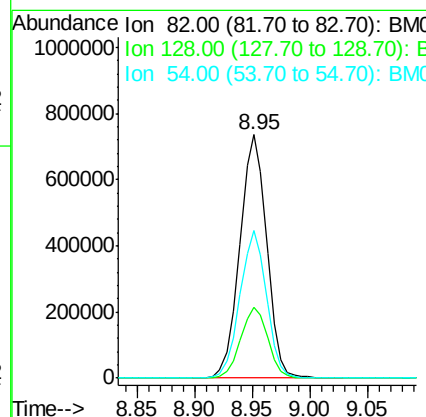
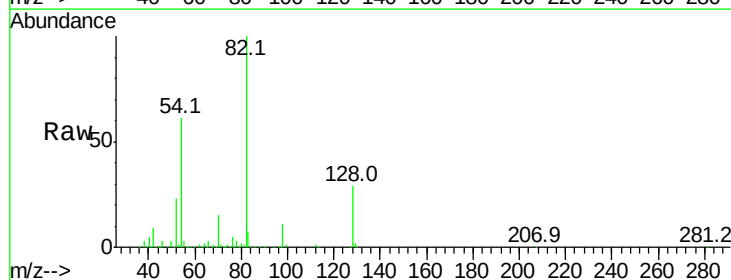
Instrument :
BNA_M
ClientSampleId :

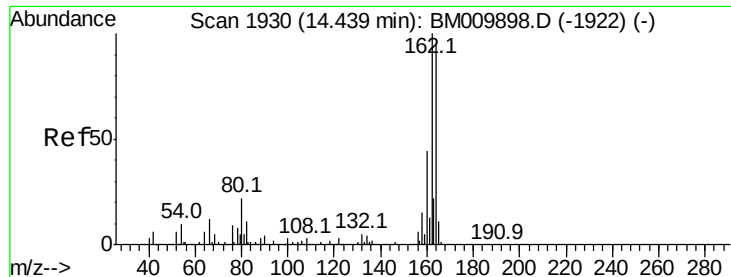
Tot Ion:136	Resp:	405703
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	13.4	4.6 6.8#
68	7.5	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 105.81 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM009916.D
Acq: 05 May 2017 23:28

Tgt Ion: 82	Resp:	1186179
Ion	Ratio	Lower Upper
82	100	
128	29.1	32.8 49.2#
54	60.6	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

Instrument :

BNA_M

ClientSampleId :

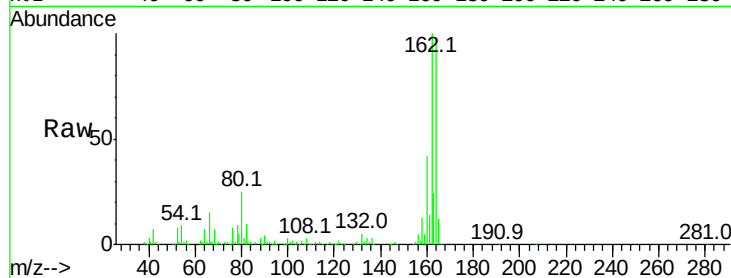
Tot Ion:164 Resp: 259664

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

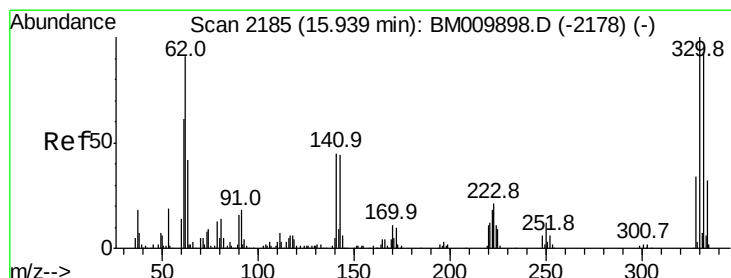
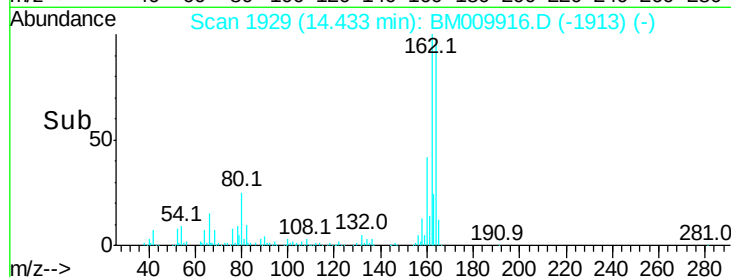
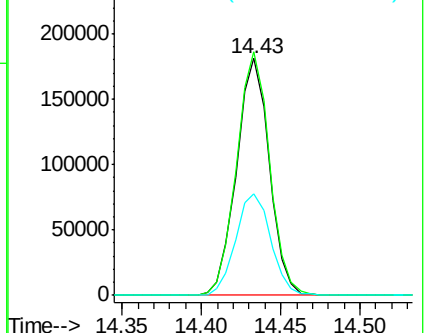
160 43.1 35.8 53.6



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: 175.93 ng

RT: 15.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

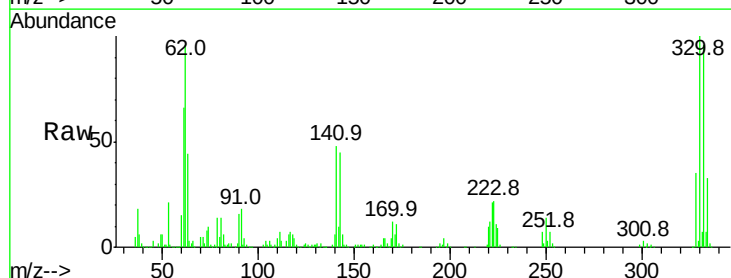
Tgt Ion:330 Resp: 623932

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

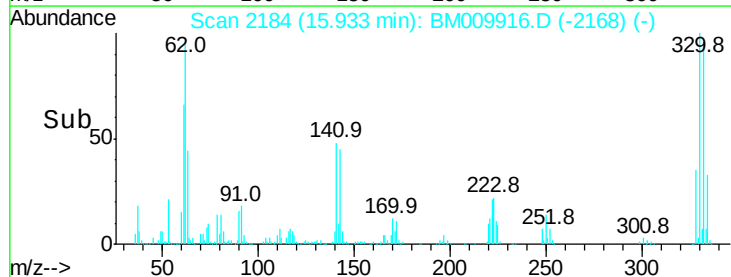
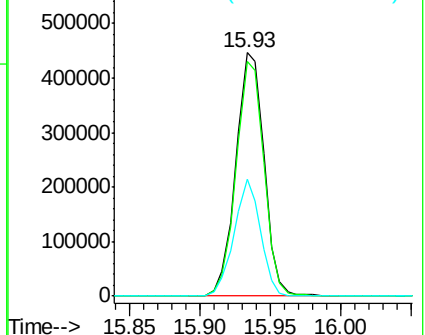
141 45.2 0.0 0.0#

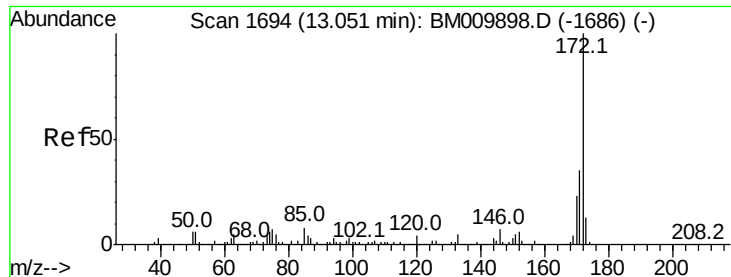


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

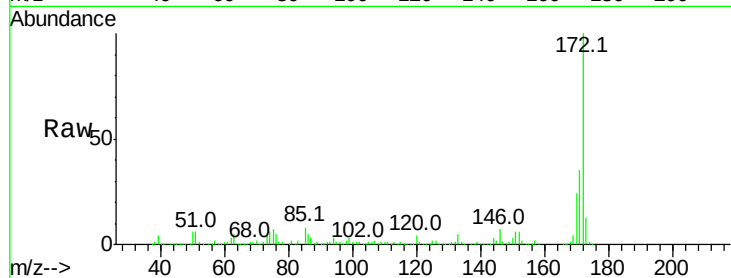




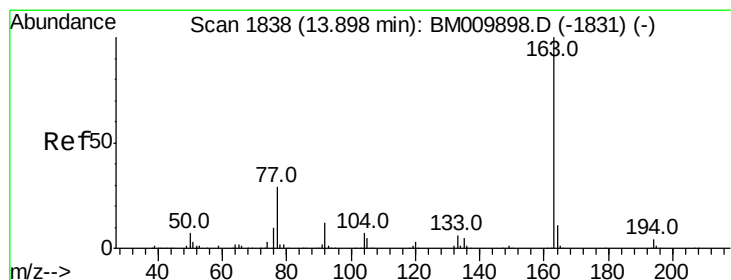
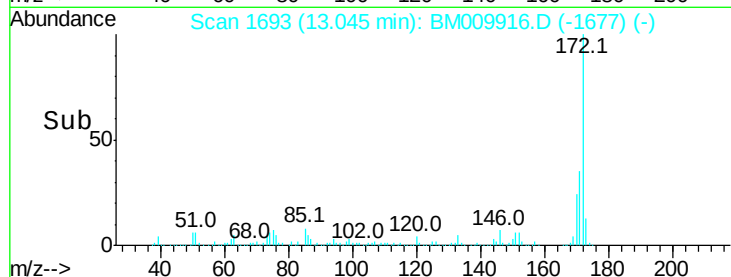
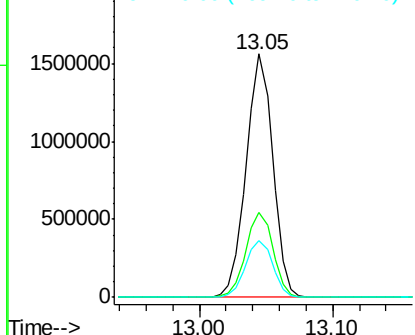
#44
2-Fluorobiphenyl
Concen: 107.55 ng
RT: 13.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM009916.D
Acq: 05 May 2017 23:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2143475
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.5 18.8 28.2

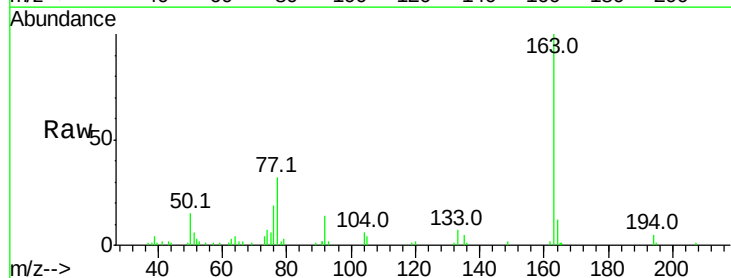


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

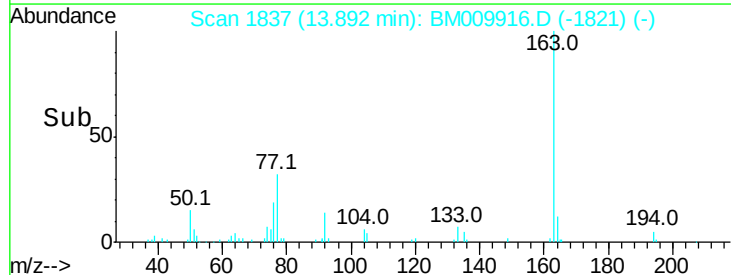
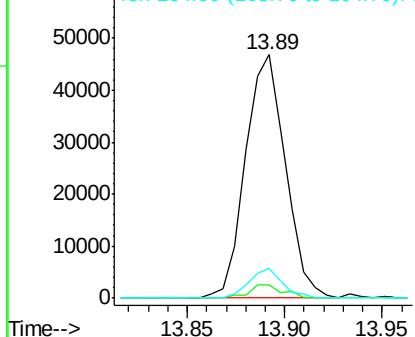


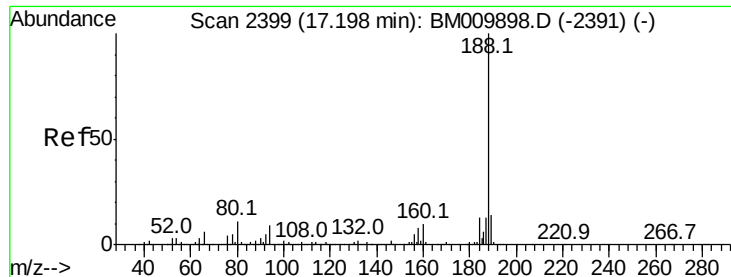
#49
Dimethylphthalate
Concen: 2.68 ng
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM009916.D
Acq: 05 May 2017 23:28

Tgt Ion:163 Resp: 66175
Ion Ratio Lower Upper
163 100
194 5.3 2.7 4.1#
164 12.2 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: 17.19 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

Instrument :

BNA_M

ClientSampleId :

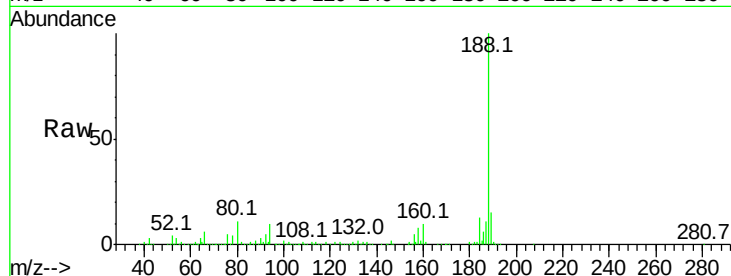
Tot Ion:188 Resp: 638979

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

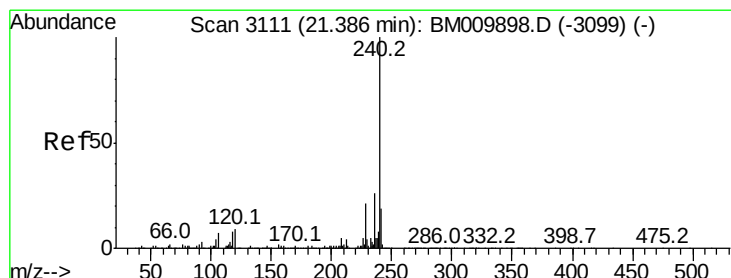
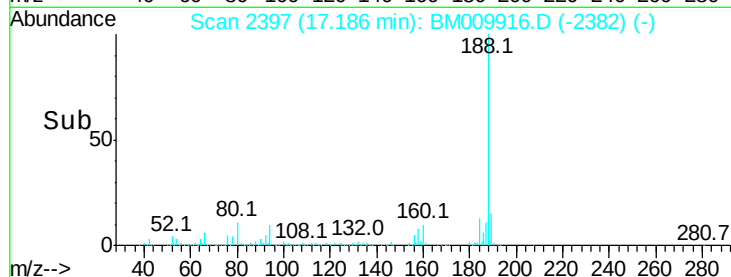
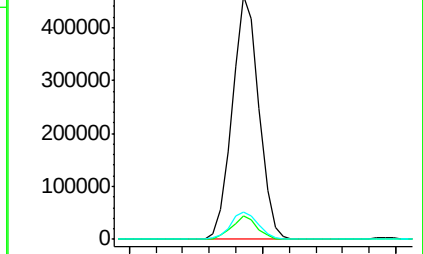
80 11.1 9.3 13.9



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: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

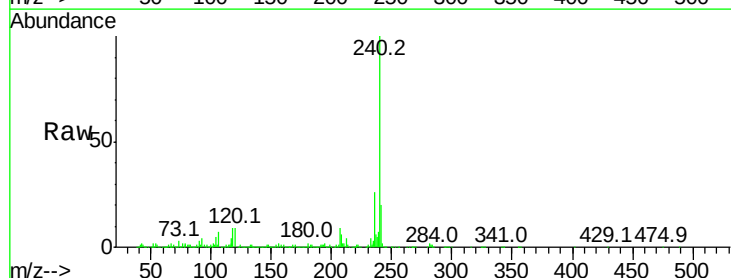
Tgt Ion:240 Resp: 788718

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

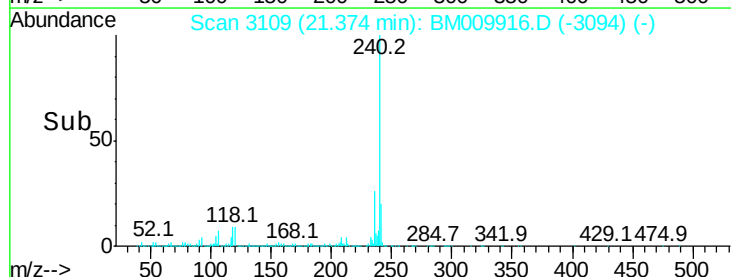
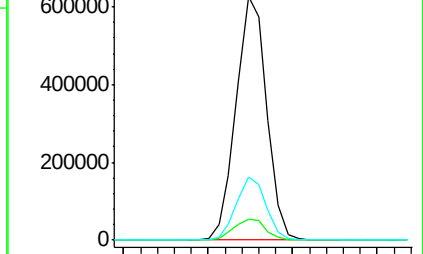
236 25.7 20.0 30.0

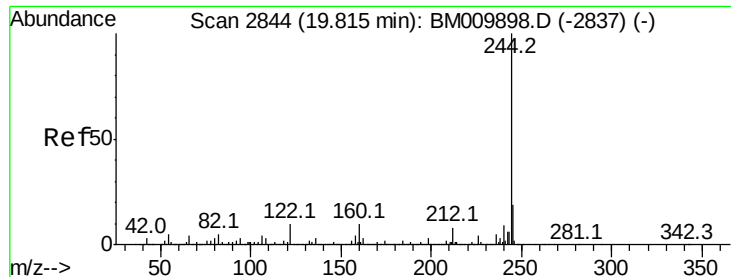


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.30 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

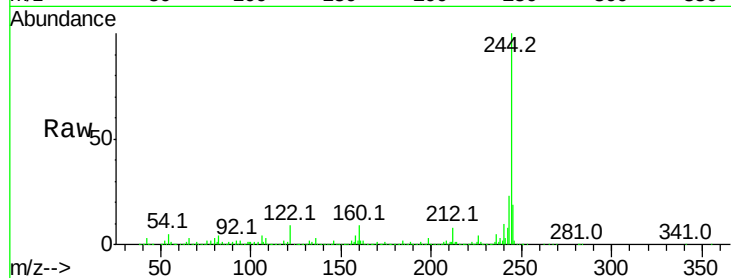
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 4164023

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	8.6	6.2	9.4

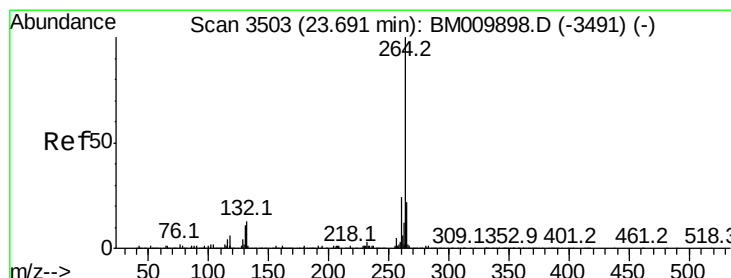
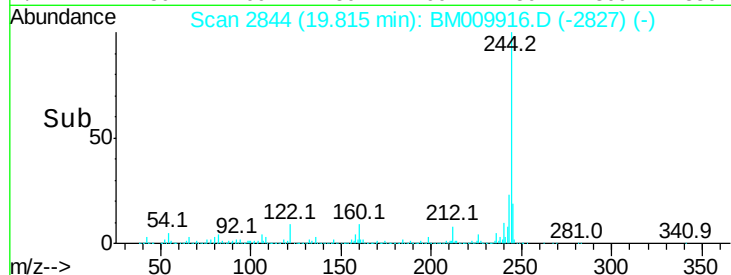
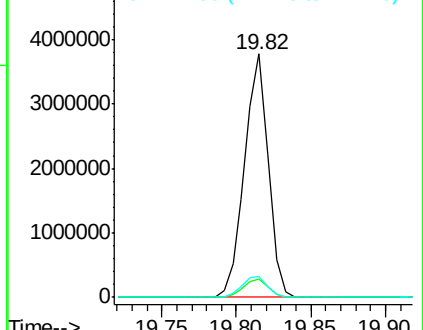


Abundance

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: 23.68 min Scan# 3501

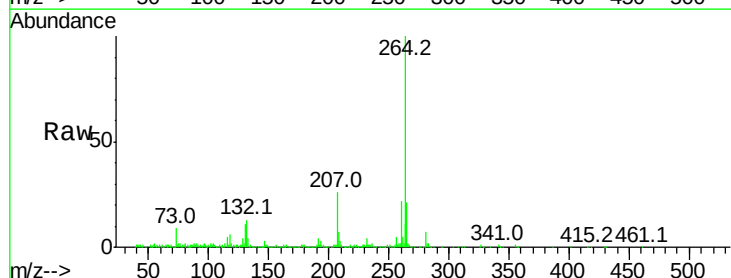
Delta R.T. -0.01 min

Lab File: BM009916.D

Acq: 05 May 2017 23:28

Tgt Ion:264 Resp: 659382

Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

