

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011158.D
 Acq On : 07 Aug 2017 18:42
 Operator : SJ/JU
 Sample : I4613-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-080317

Quant Time: Aug 08 01:02:13 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

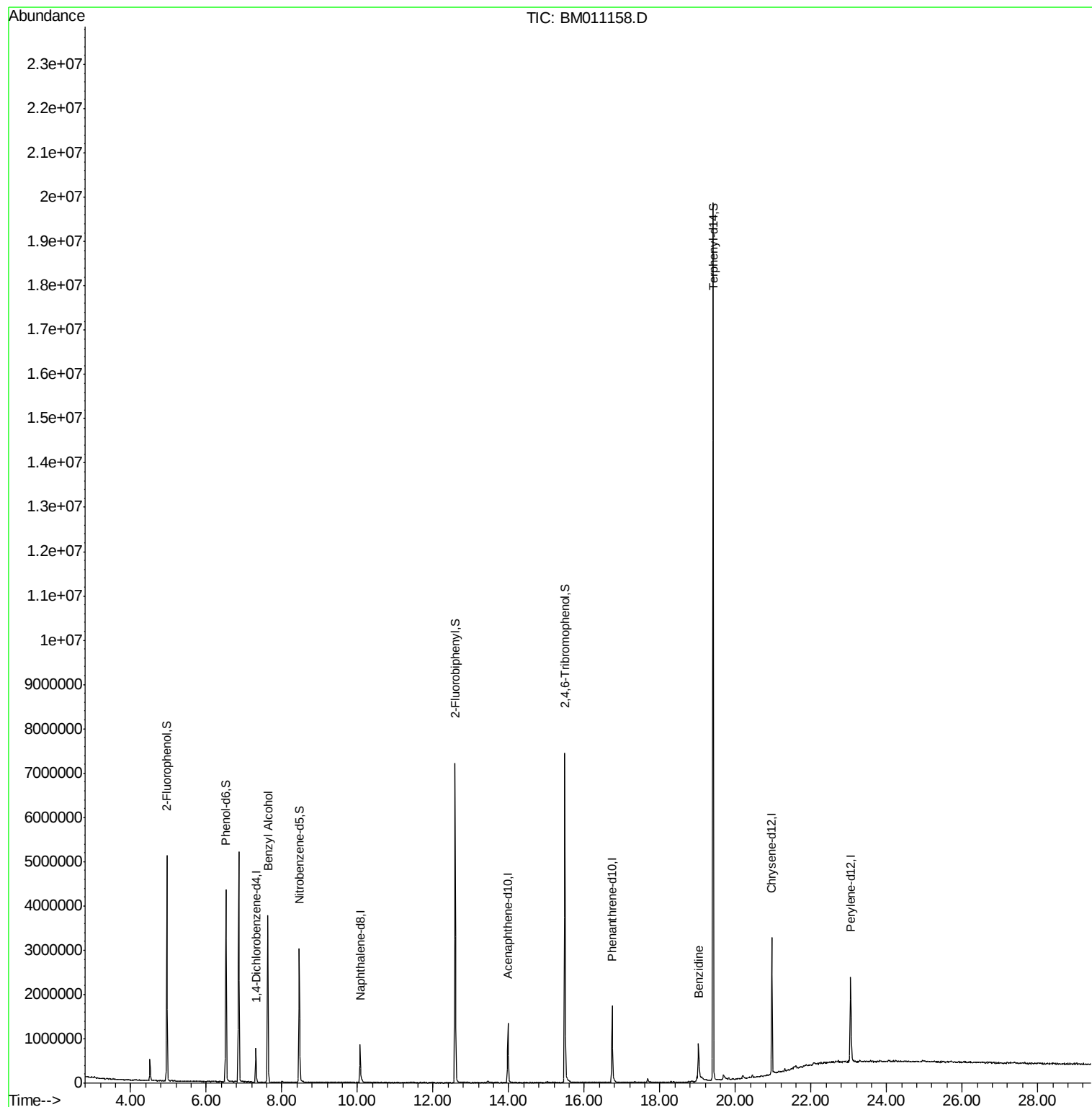
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	138393	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	520358	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	372913	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	976191	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1495620	20.00	ng	-0.06
86) Perylene-d12	23.04	264	1482405	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1323235	161.63	ng	-0.07
7) Phenol-d6	6.52	99	1687475	145.07	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1652860	119.22	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1002827	167.78	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3029842	101.90	ng	-0.08
78) Terphenyl-d14	19.41	244	7016261	92.93	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.62	79	24128	2.16	ng	# 40
76) Benzidine	19.03	184	614374	17.17	ng	99

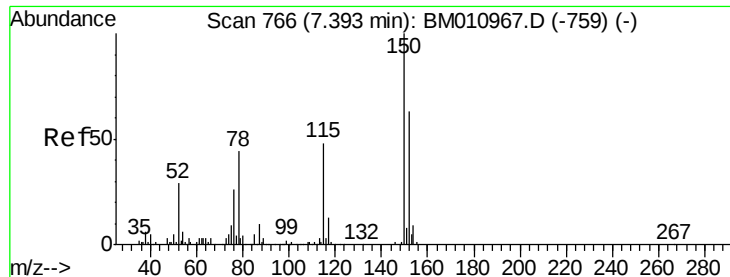
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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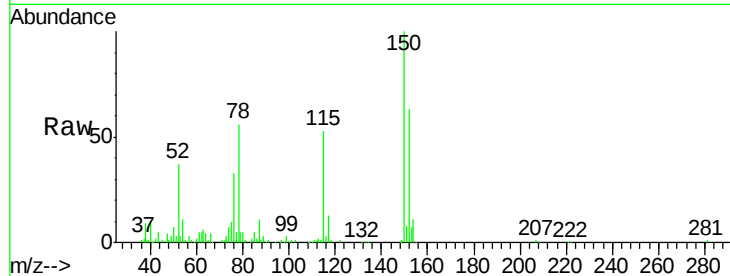


#1

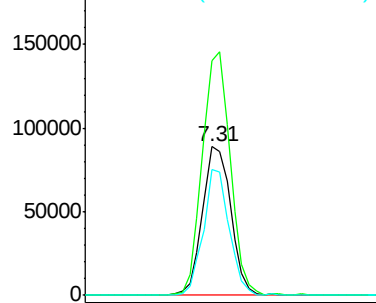
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011158.D
Acq: 07 Aug 2017 18:42

Instrument :
BNA_M
ClientSampleId :
TR-05-080317

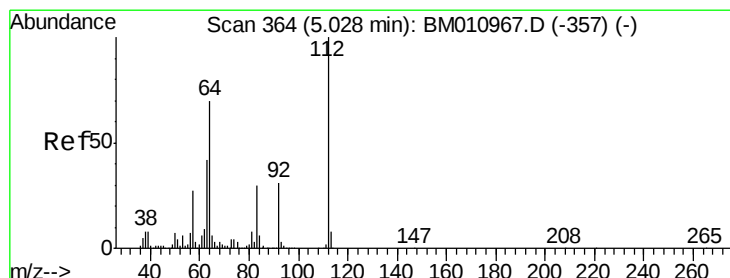
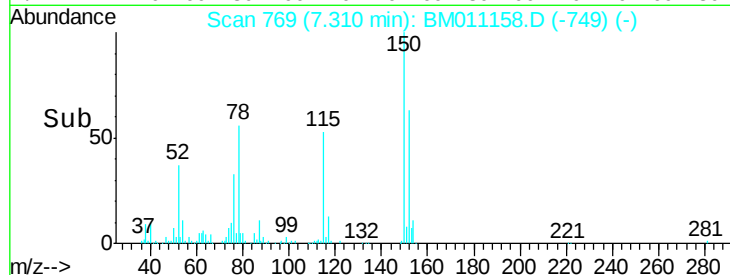
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	84.5	43.0	64.4



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



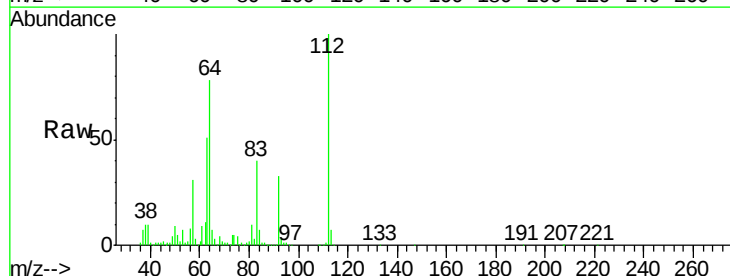
Time-->



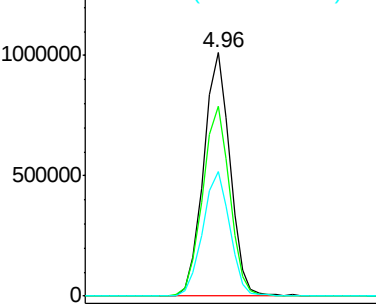
#5

2-Fluorophenol
Concen: 161.63 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011158.D
Acq: 07 Aug 2017 18:42

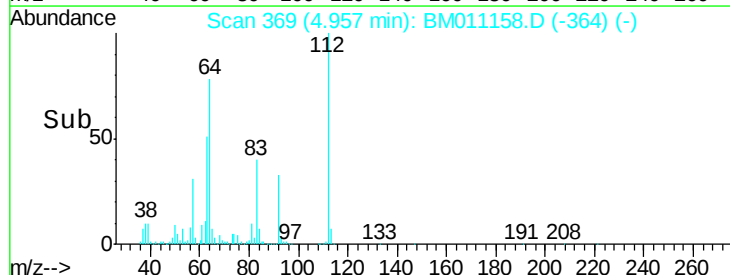
Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.1	38.6	57.8
63	51.2	19.3	28.9

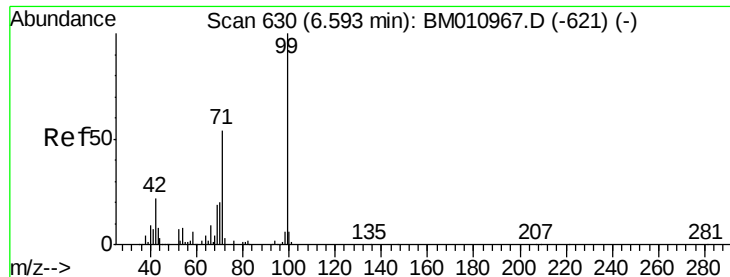


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 145.07 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

Instrument :

BNA_M

ClientSampleId :

TR-05-080317

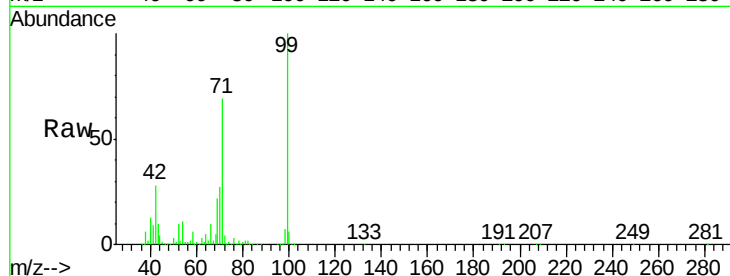
Tot Ion: 99 Resp: 1687475

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

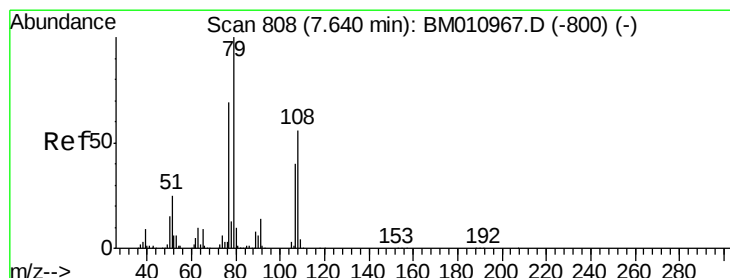
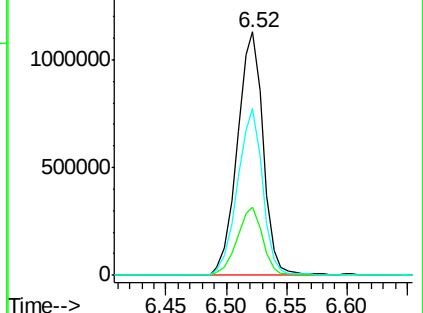
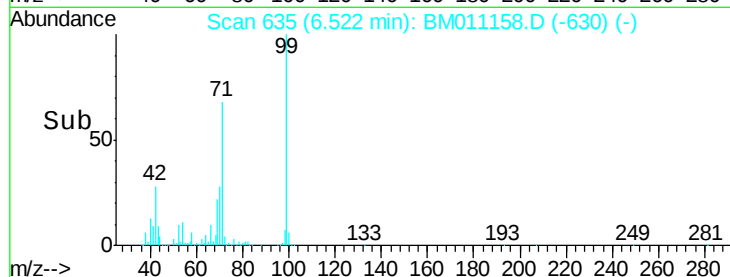
71 68.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011158.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011158.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011158.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.62 min Scan# 822

Delta R.T. -0.02 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

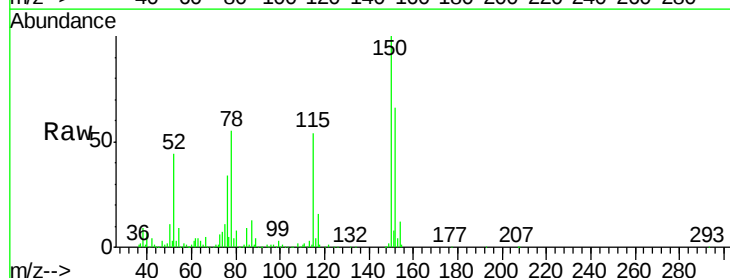
Tgt Ion: 79 Resp: 24128

Ion Ratio Lower Upper

79 100

108 40.4 65.0 97.4#

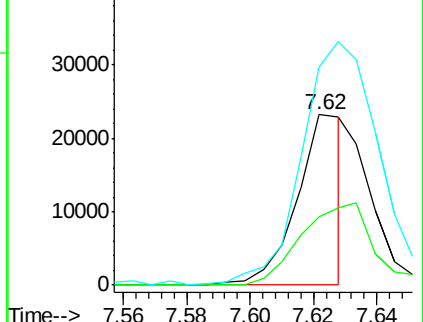
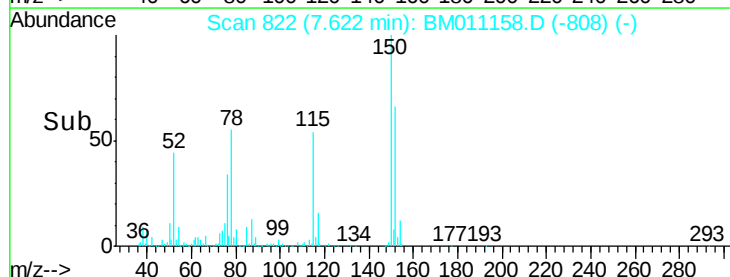
77 127.9 53.0 79.6#

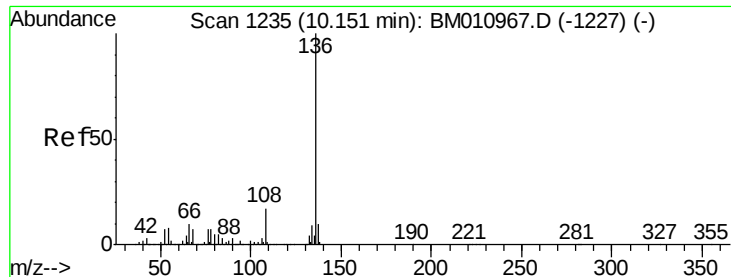


Abundance Ion 79.00 (78.70 to 79.70): BM011158.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011158.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011158.D (-808) (-)

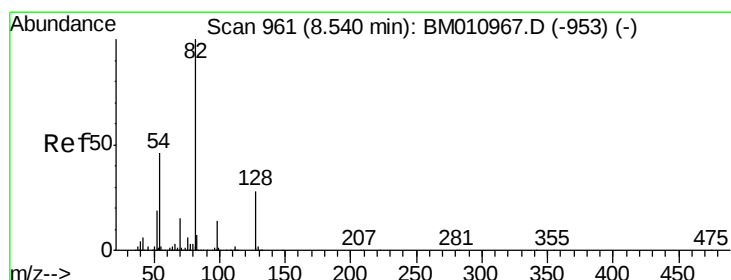
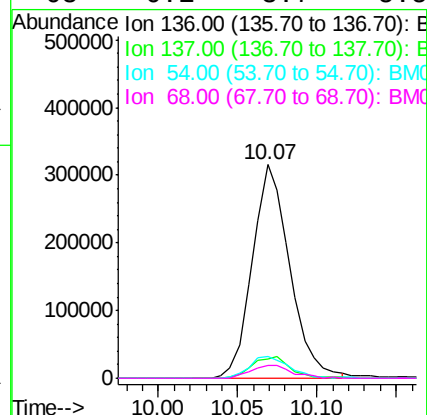
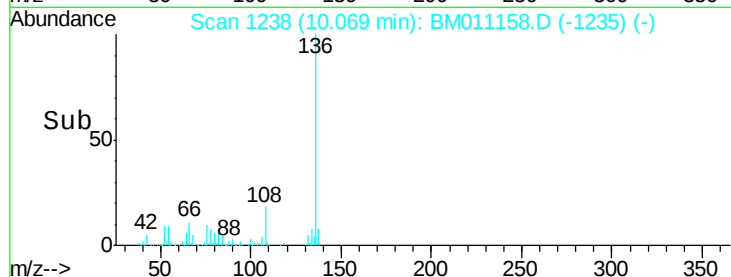
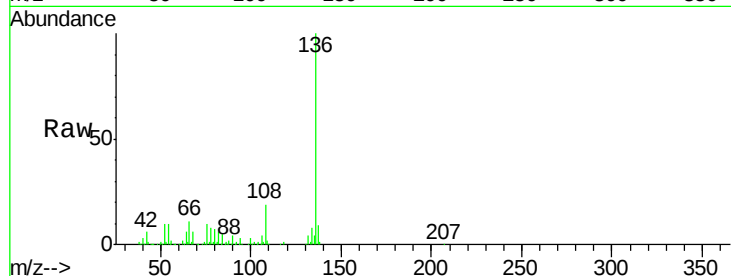




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011158.D
Acq: 07 Aug 2017 18:42

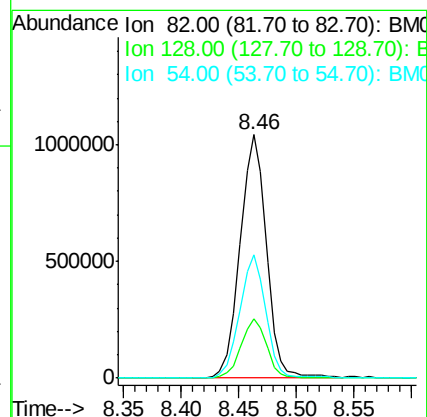
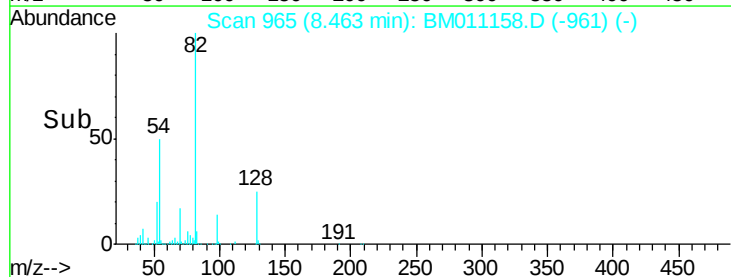
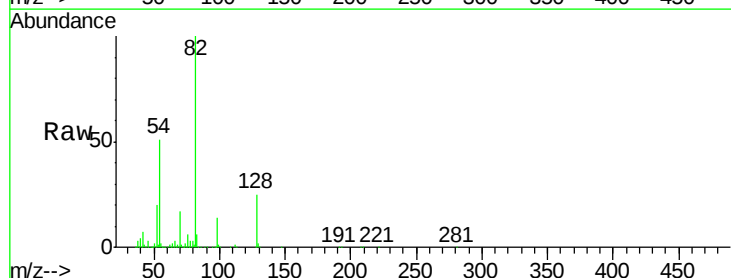
Instrument :
BNA_M
ClientSampleId :
TR-05-080317

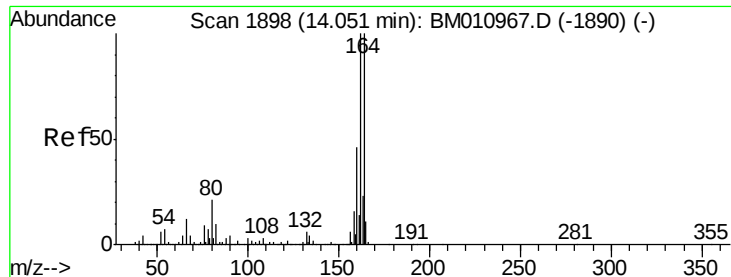
Tot Ion:136	Resp:	520358
Ion Ratio	Lower	Upper
136	100	
137	9.0	8.7 13.1
54	10.2	4.6 6.8#
68	6.1	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 119.22 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011158.D
Acq: 07 Aug 2017 18:42

Tgt Ion: 82	Resp:	1652860
Ion Ratio	Lower	Upper
82	100	
128	24.5	32.8 49.2#
54	50.5	40.6 60.8

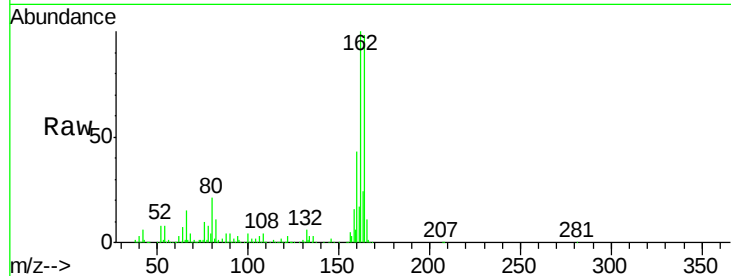




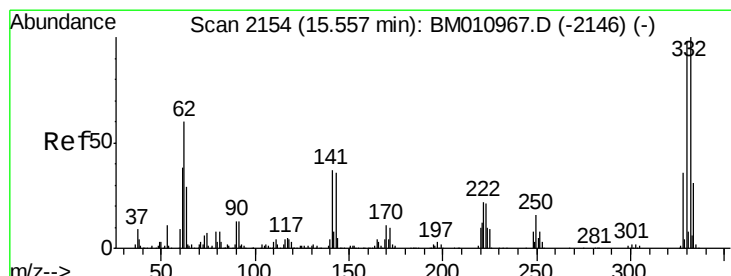
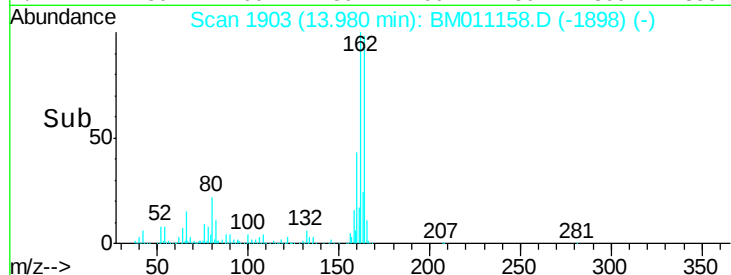
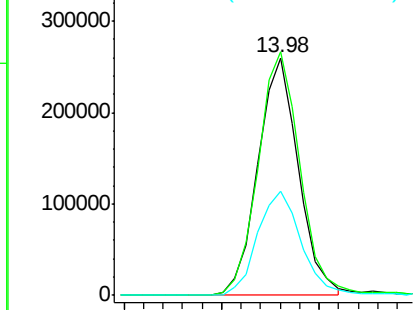
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011158.D
Acq: 07 Aug 2017 18:42

Instrument :
BNA_M
ClientSampleId :
TR-05-080317

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	43.9	35.8	53.6

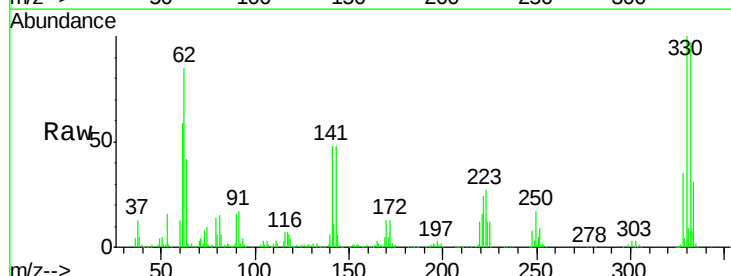


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

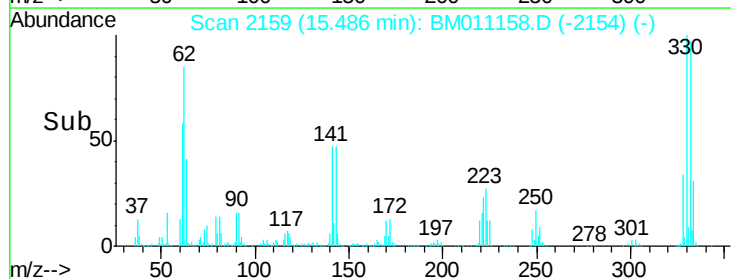
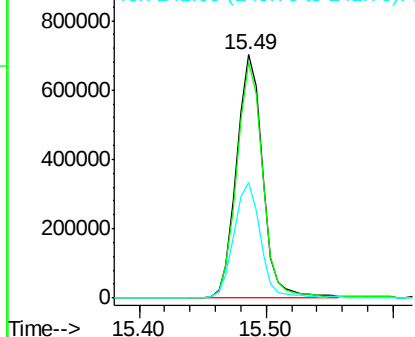


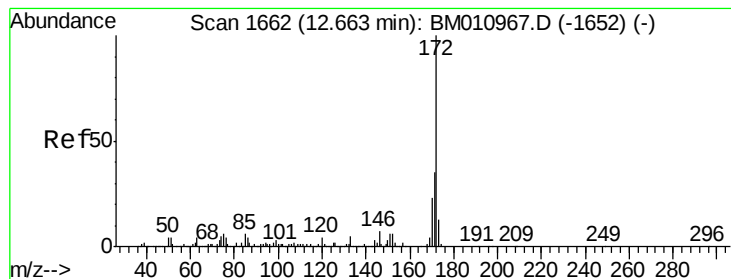
#41
2,4,6-Tribromophenol
Concen: 167.78 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011158.D
Acq: 07 Aug 2017 18:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	48.2	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: 101.90 ng

RT: 12.59 min Scan# 1666

Delta R.T. -0.08 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

Instrument :

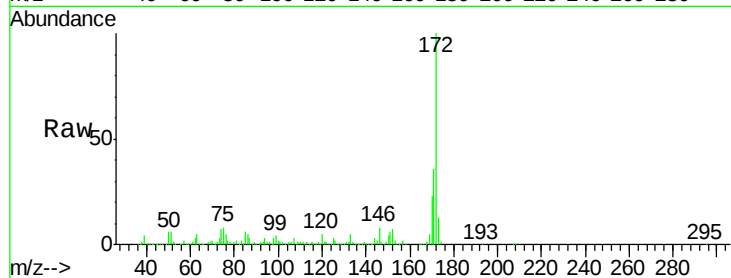
BNA_M

ClientSampleId :

TR-05-080317

Tot Ion:172 Resp: 3029842

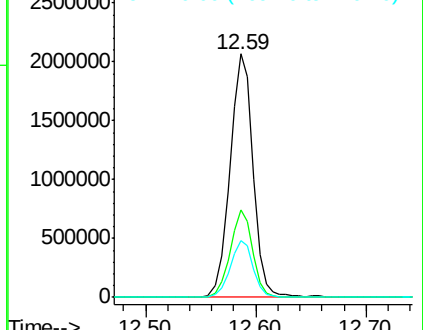
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.1	18.8	28.2



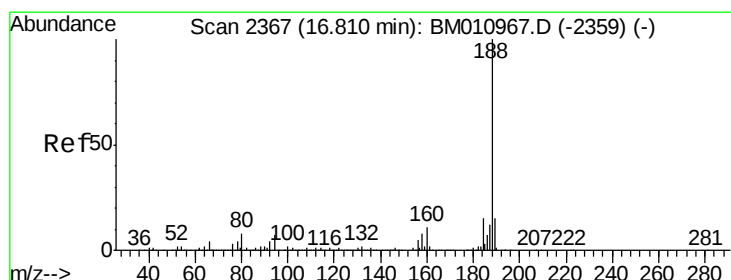
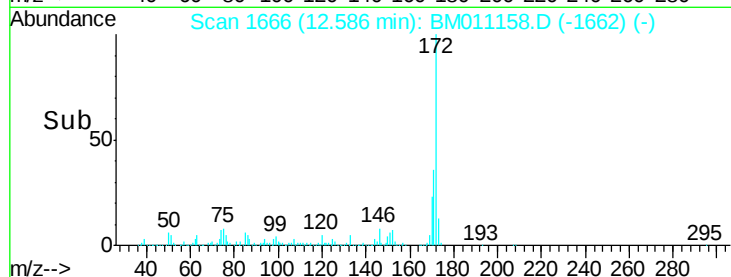
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.74 min Scan# 2372

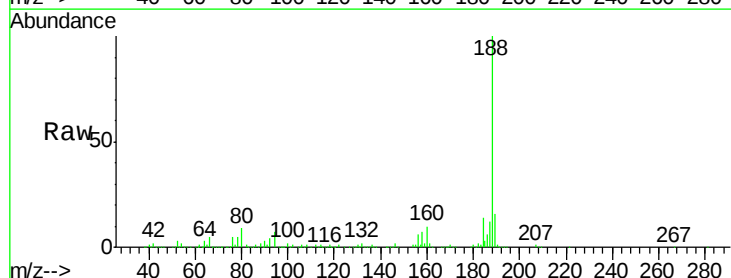
Delta R.T. -0.07 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

Tgt Ion:188 Resp: 976191

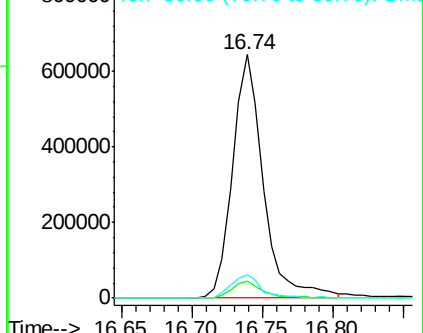
Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	9.4	9.3	13.9



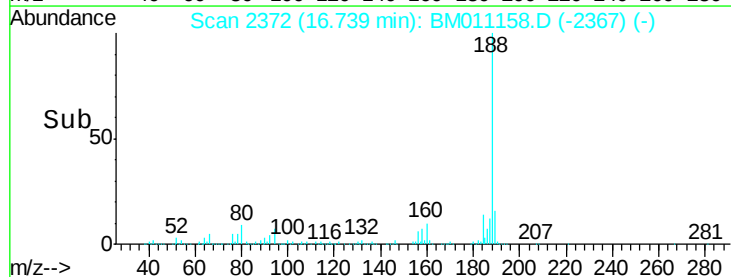
Abundance Ion 188.00 (187.70 to 188.70): E

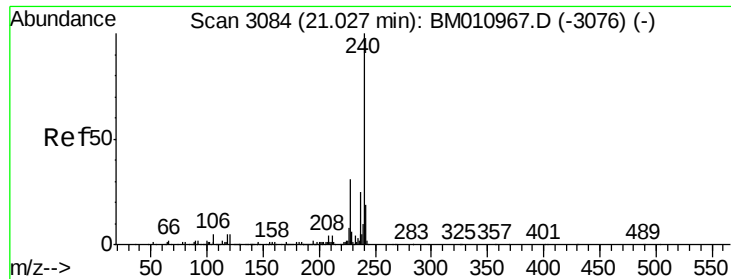
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 3090

Delta R.T. -0.06 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

Instrument :

BNA_M

ClientSampleId :

TR-05-080317

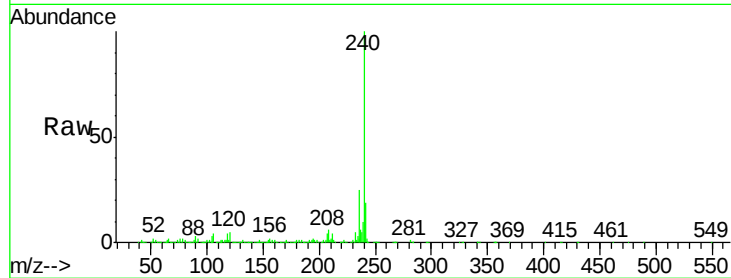
Tot Ion:240 Resp: 1495620

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

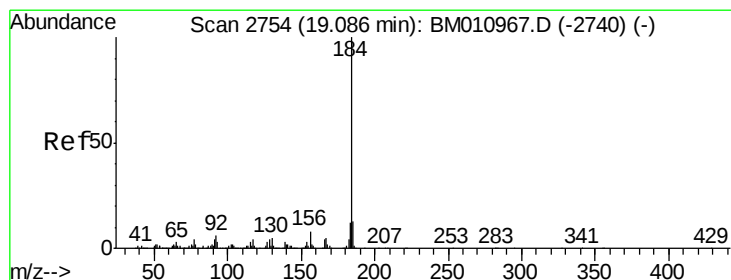
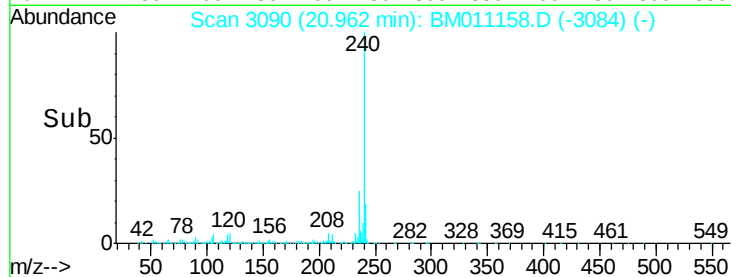
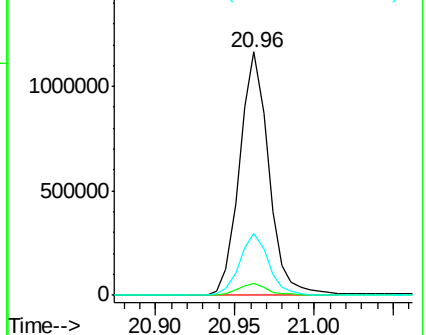
236 25.2 20.0 30.0



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



#76

Benzidine

Concen: 17.17 ng

RT: 19.03 min Scan# 2761

Delta R.T. -0.06 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

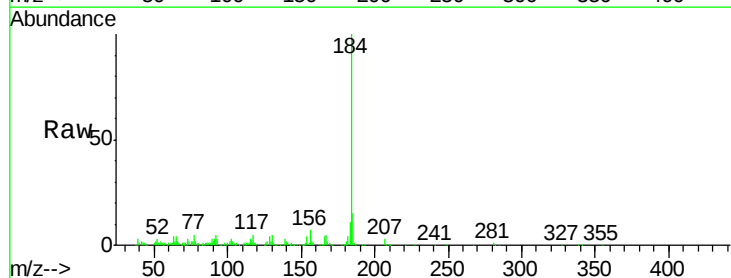
Tgt Ion:184 Resp: 614374

Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

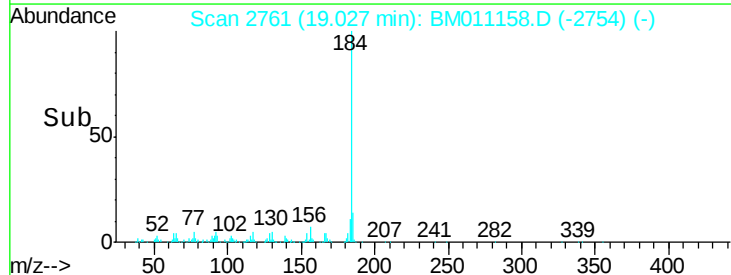
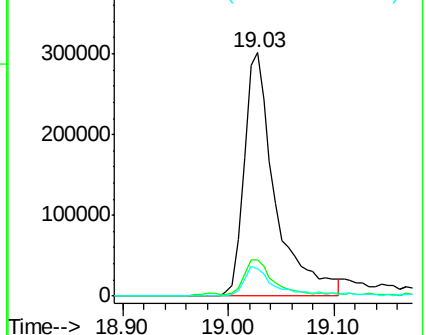
183 11.4 8.9 13.3

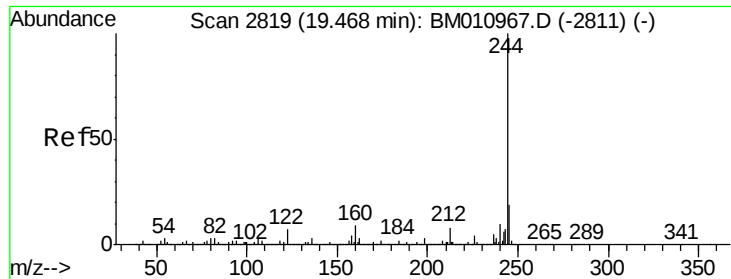


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 92.93 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

Instrument :

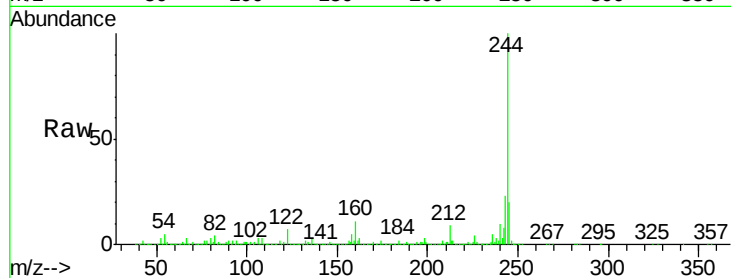
BNA_M

ClientSampleId :

TR-05-080317

Tot Ion:244 Resp: 7016261

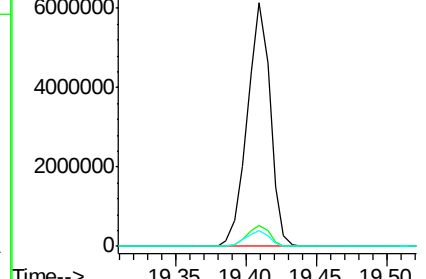
Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	6.5	6.2	9.4



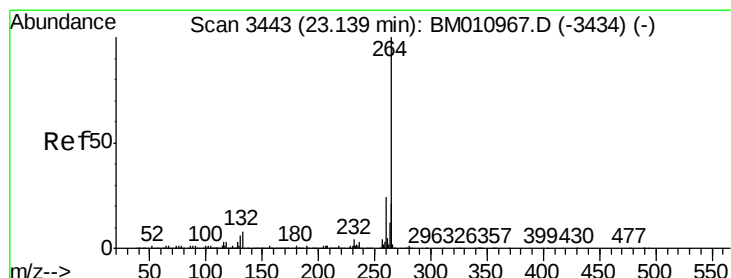
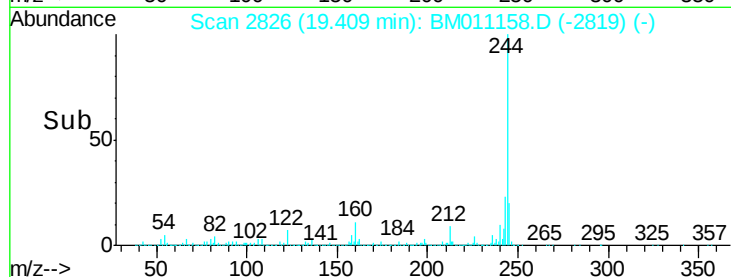
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.04 min Scan# 3444

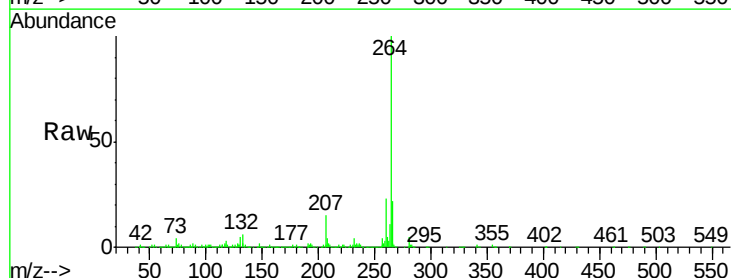
Delta R.T. -0.09 min

Lab File: BM011158.D

Acq: 07 Aug 2017 18:42

Tgt Ion:264 Resp: 1482405

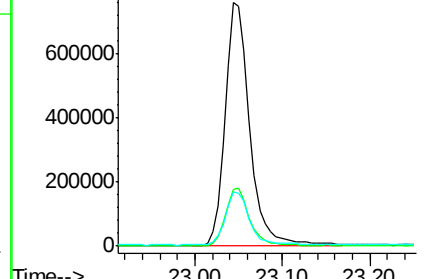
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.5	17.3	25.9



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



Time-->

