

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001350.D
 Acq On : 20 Dec 2019 18:45
 Operator : JU
 Sample : PB125625BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 22:08:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

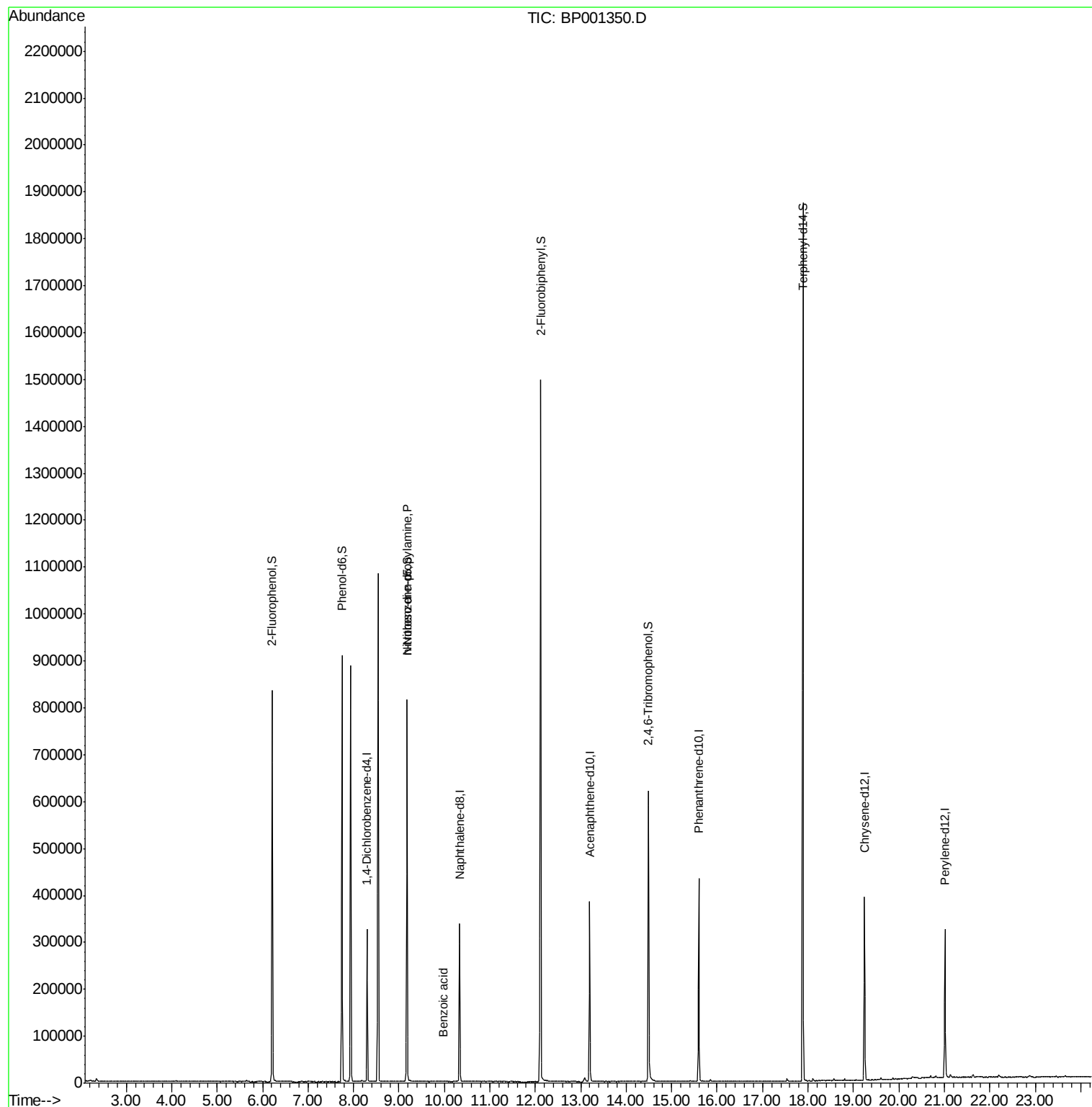
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	50049	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	174791	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	99660	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	195360	20.00	ng	0.00
76) Chrysene-d12	19.25	240	150379	20.00	ng	0.00
87) Perylene-d12	21.02	264	157228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	234691	75.79	ng	0.01
7) Phenol-d6	7.75	99	320720	79.37	ng	0.00
23) Nitrobenzene-d5	9.18	82	322827	70.92	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	85509	68.63	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	573284	72.74	ng	0.00
79) Terphenyl-d14	17.89	244	664579	75.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	49187	17.147	ng	# 77
32) Benzoic acid	9.98	122	9	5.027	ng	# 1

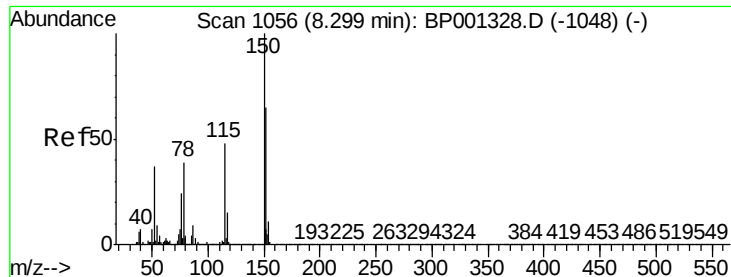
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Instrument :

BNA_P

ClientSampleId :

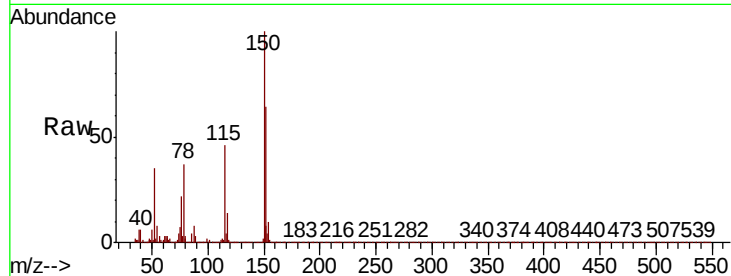
Tot Ion:152 Resp: 50049

Ion Ratio Lower Upper

152 100

150 156.6 124.0 186.0

115 71.5 59.3 88.9

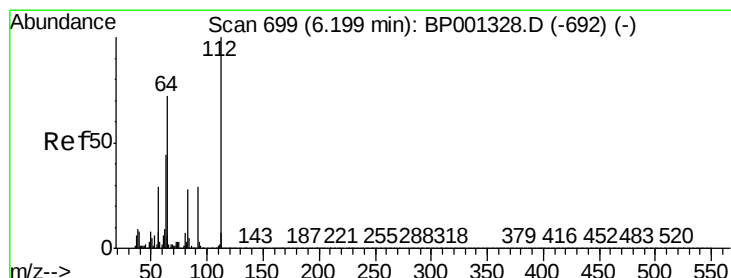
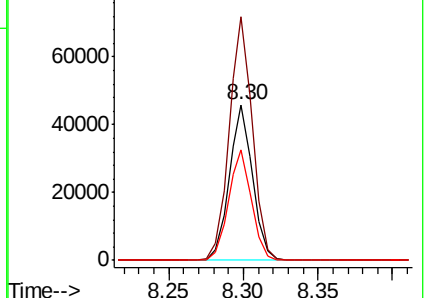
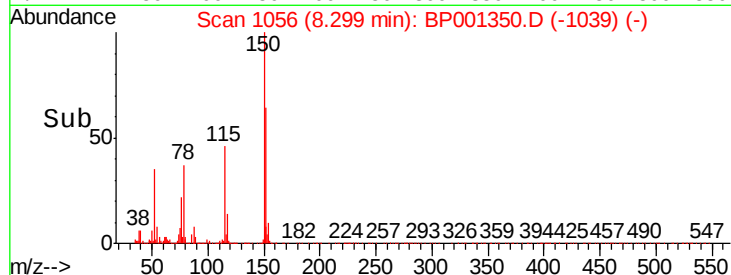


Abundance

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: 75.787 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

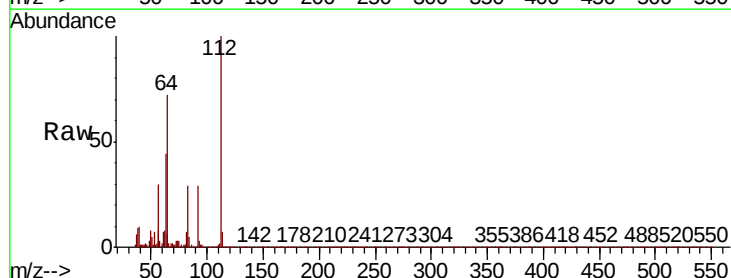
Tgt Ion:112 Resp: 234691

Ion Ratio Lower Upper

112 100

64 71.7 57.6 86.4

63 44.4 35.1 52.7

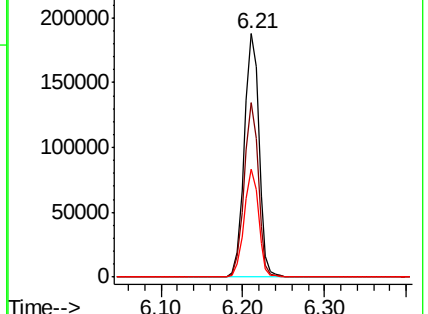
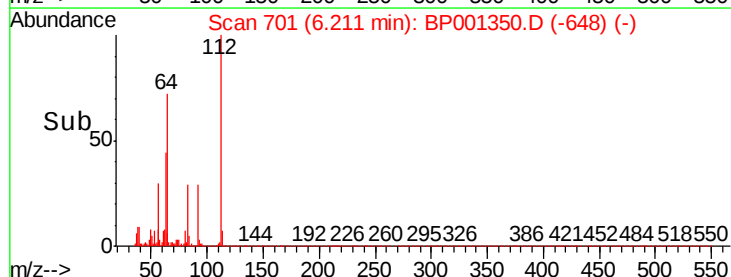


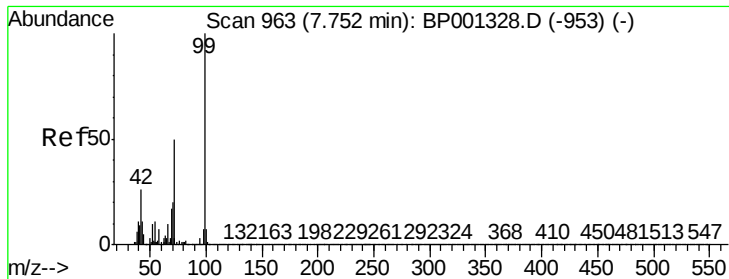
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 79.370 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Instrument :

BNA_P

ClientSampleId :

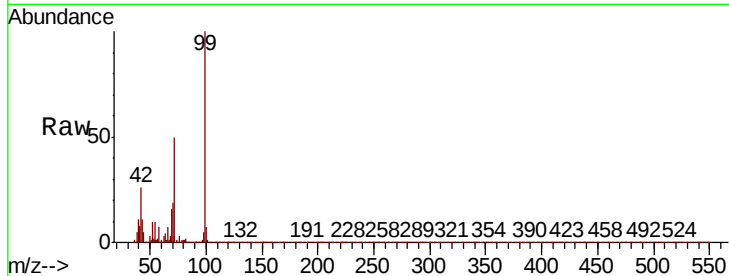
Tot Ion: 99 Resp: 320720

Ion Ratio Lower Upper

99 100

42 25.9 20.9 31.3

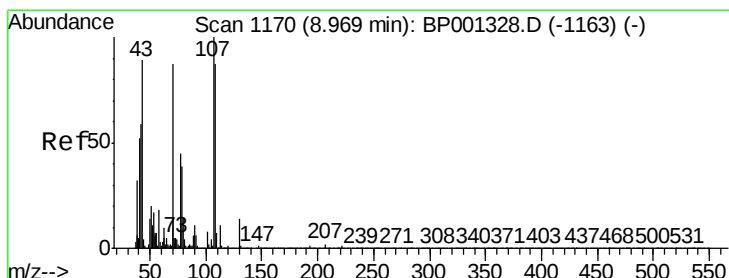
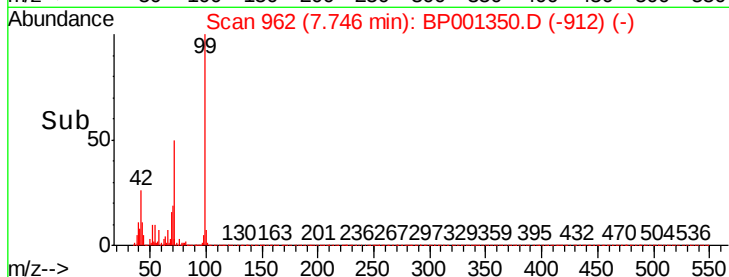
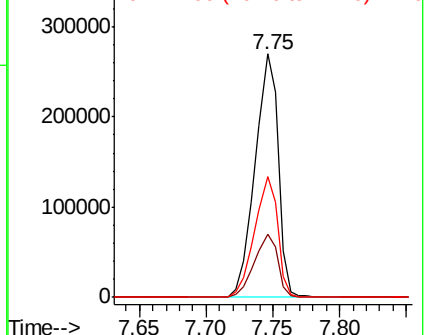
71 49.7 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 17.147 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.21 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Tgt Ion: 70 Resp: 49187

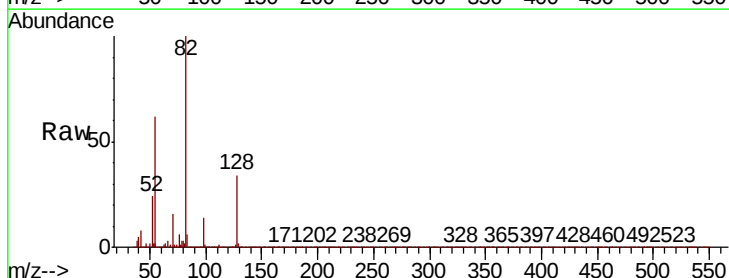
Ion Ratio Lower Upper

70 100

42 51.7 54.1 81.1#

101 0.0 7.0 10.4#

130 1.3 13.0 19.6#

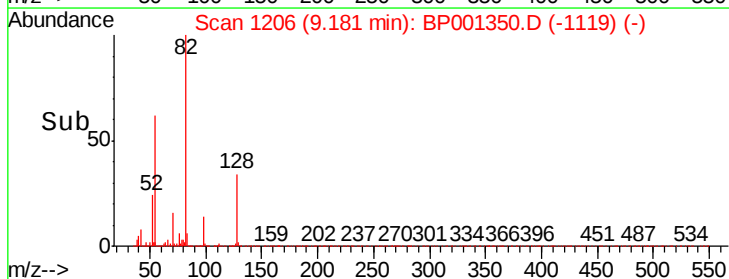
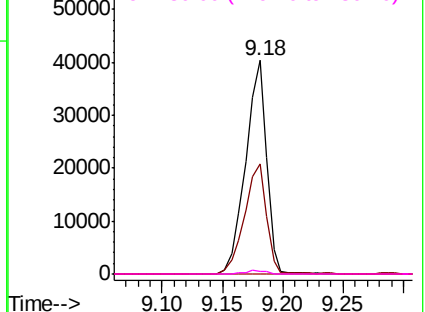


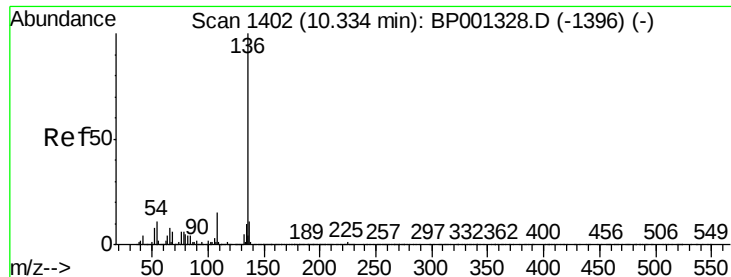
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

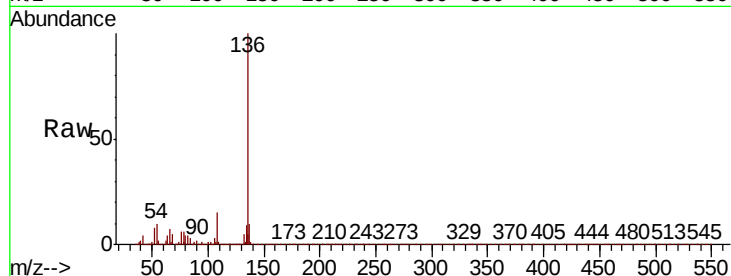




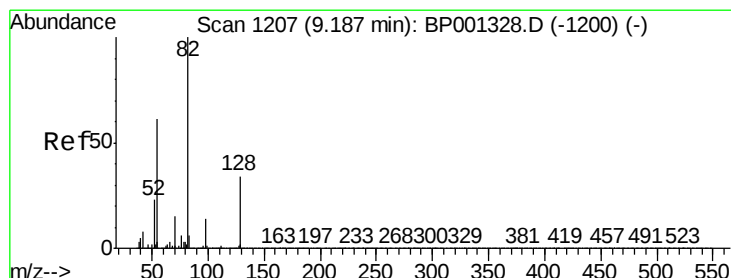
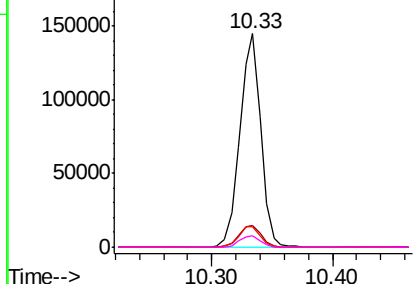
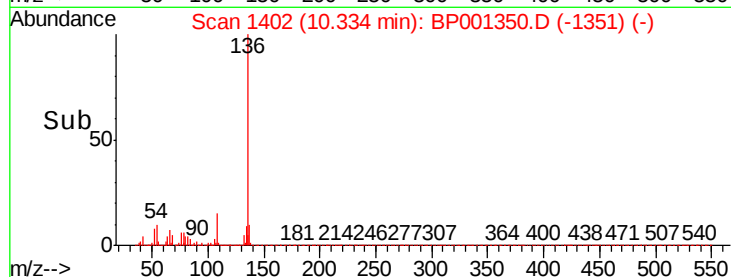
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	174791
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.8	13.2
54 9.9	8.8	13.2
68 5.4	4.6	6.8

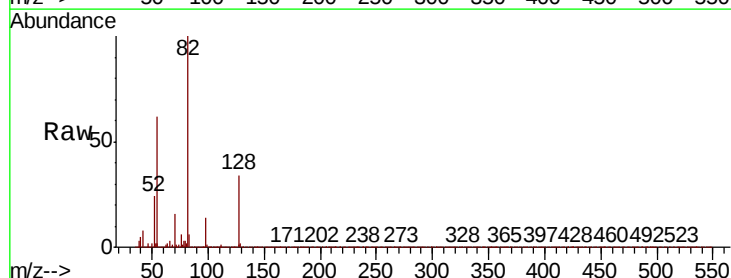


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

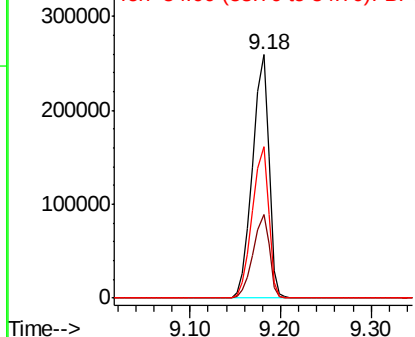
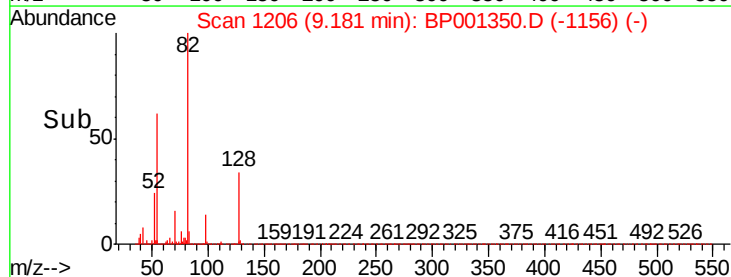


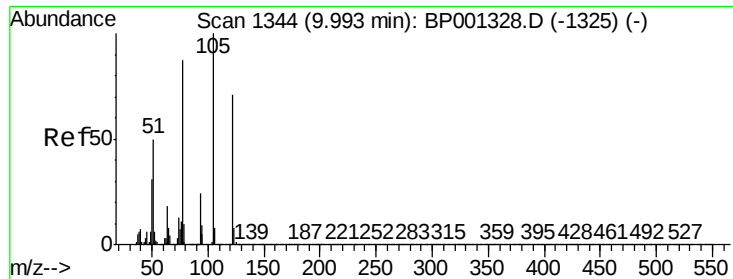
#23
Nitrobenzene-d5
Concen: 70.925 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Tgt	Ion: 82	Resp:	322827
Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.0	40.4
54	62.0	49.0	73.4



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

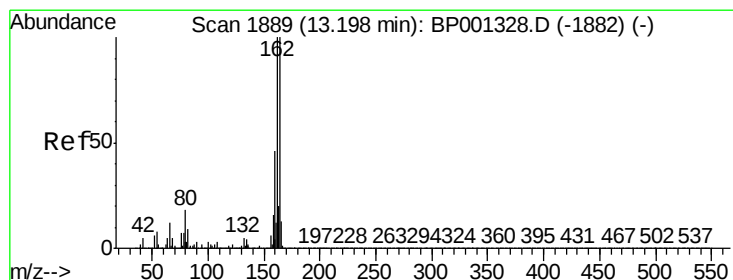
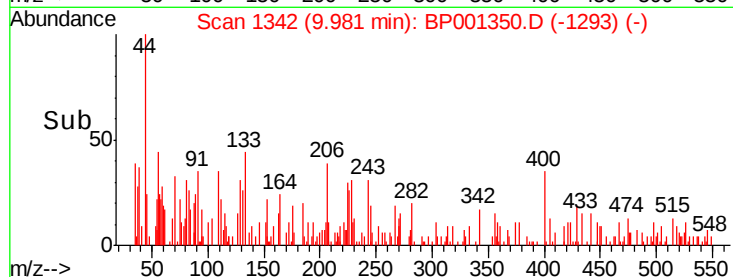
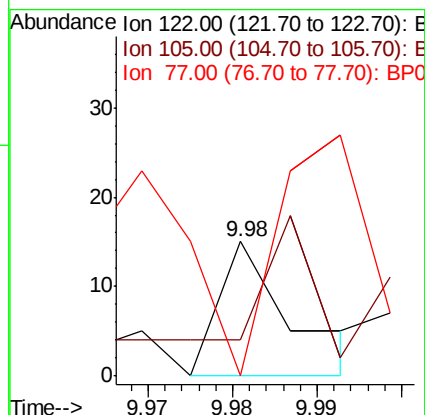
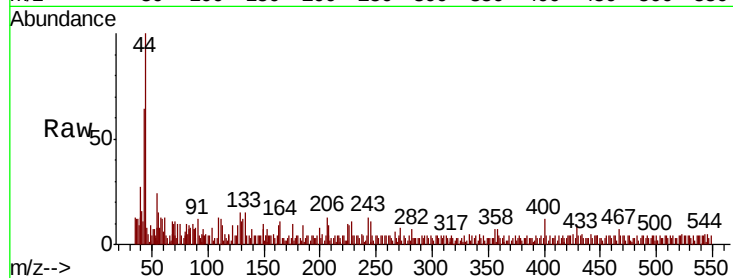




#32
Benzoic acid
Concen: 5.027 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

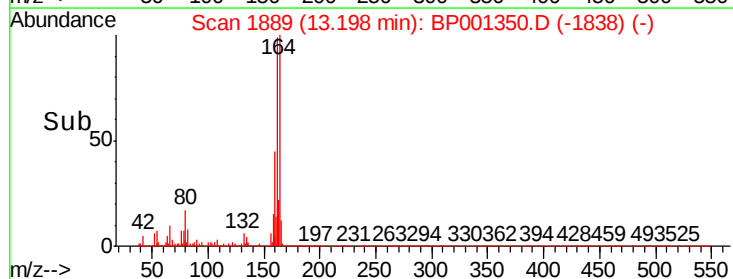
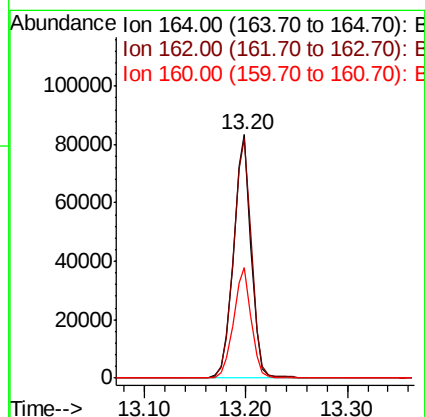
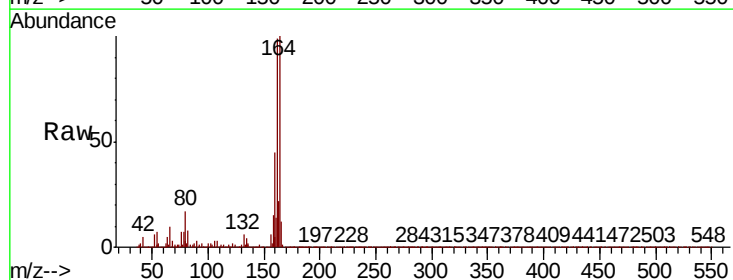
Instrument :
BNA_P
ClientSampleId :

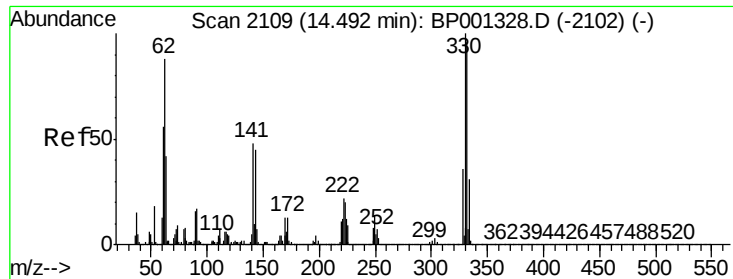
Tot Ion	Ratio	Lower	Upper
122	100		
105	26.7	118.5	158.5#
77	0.0	101.3	141.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.3	120.5
160	45.2	36.6	54.8

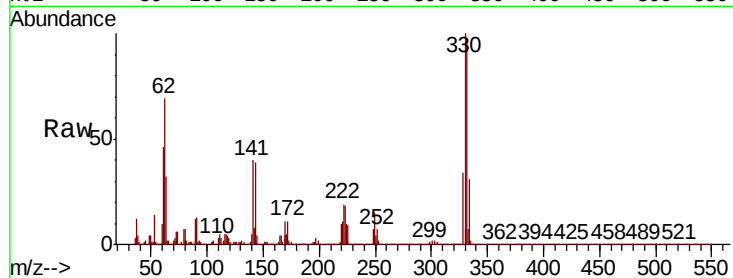




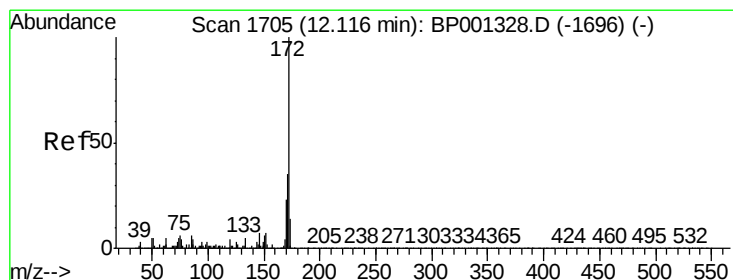
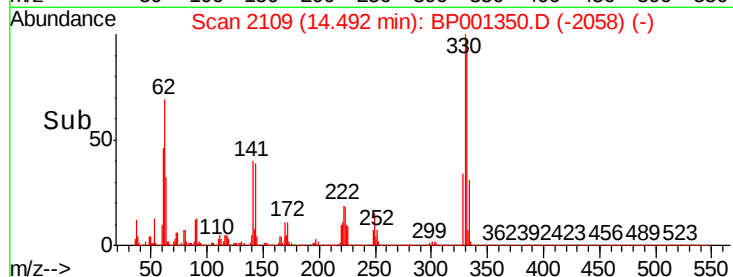
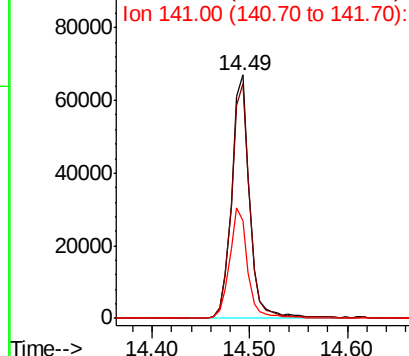
#42
2,4,6-Tribromophenol
Concen: 68.628 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 85509
Ion Ratio Lower Upper
330 100
332 97.8 78.7 118.1
141 45.6 36.2 54.4

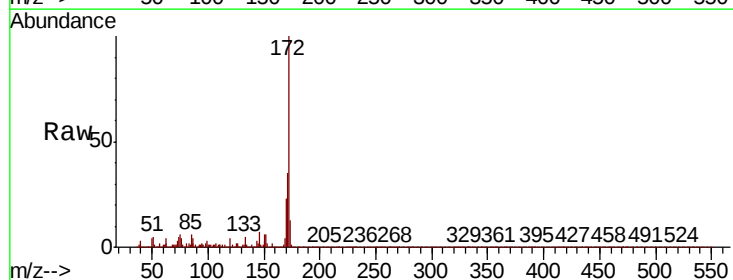


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

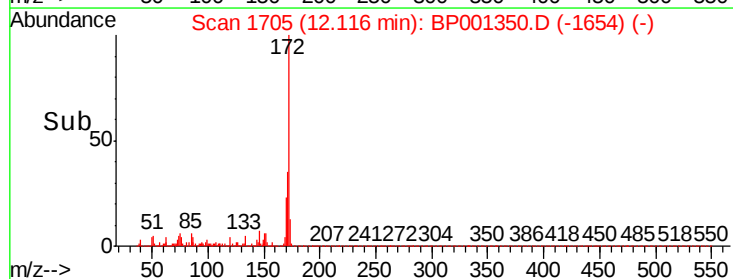
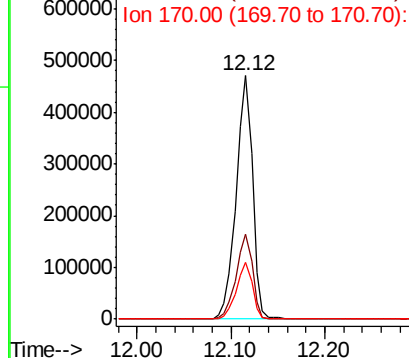


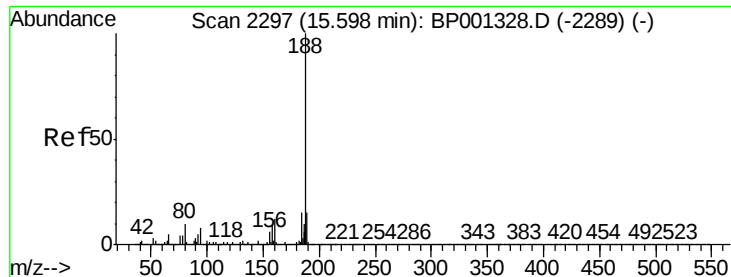
#45
2-Fluorobiphenyl
Concen: 72.738 ng
RT: 12.12 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Tgt Ion:172 Resp: 573284
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.1 18.6 28.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Instrument :

BNA_P

ClientSampleId :

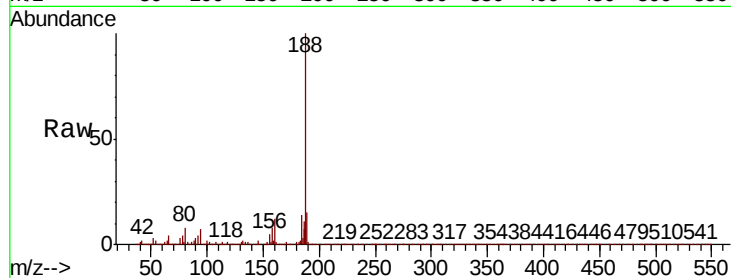
Tot Ion:188 Resp: 195360

Ion Ratio Lower Upper

188 100

94 7.4 6.6 10.0

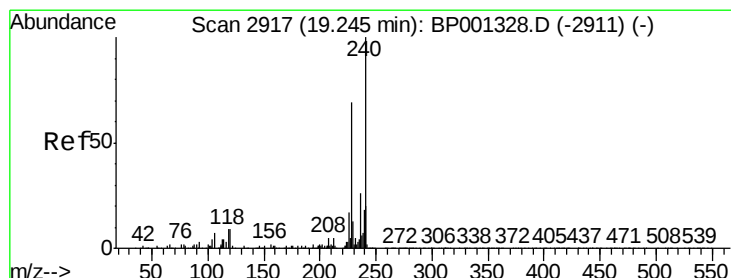
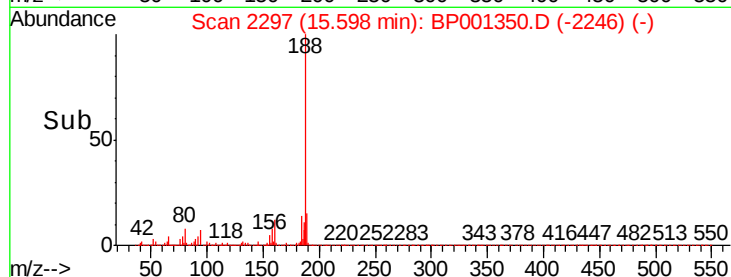
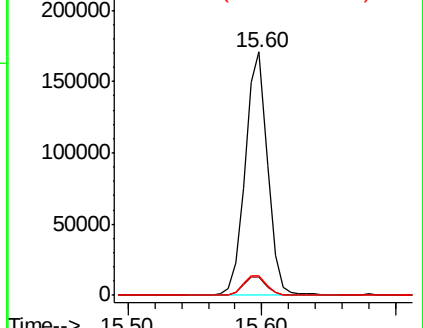
80 8.0 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

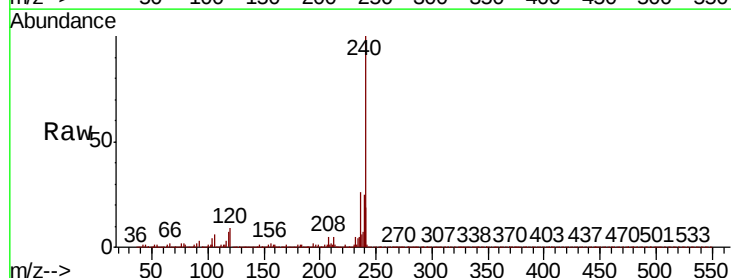
Tgt Ion:240 Resp: 150379

Ion Ratio Lower Upper

240 100

120 9.1 7.6 11.4

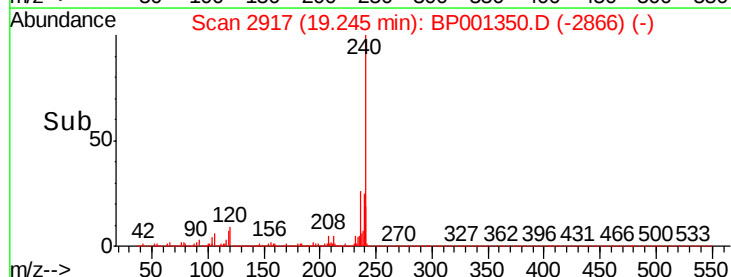
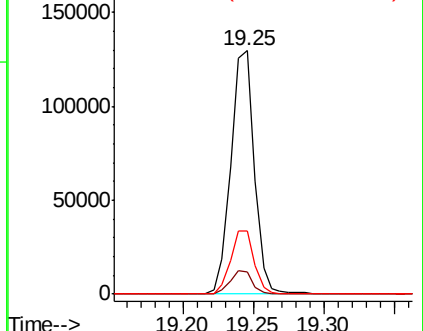
236 26.0 21.0 31.4

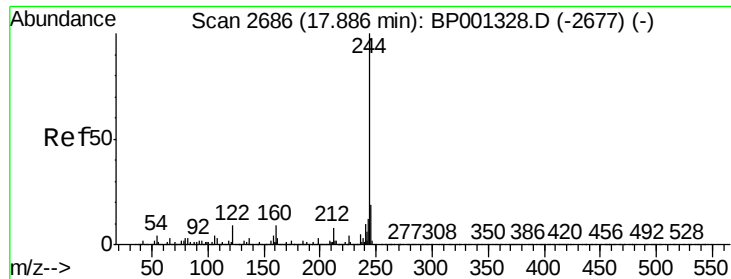


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.693 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BP001350.D

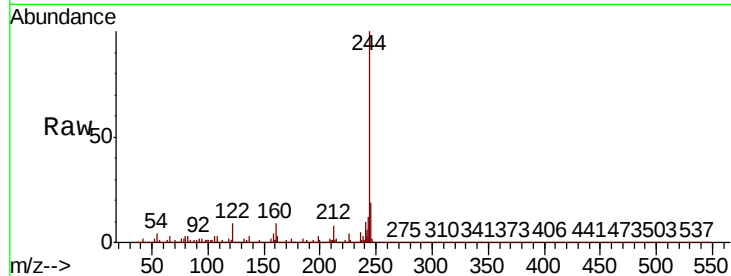
Acq: 20 Dec 2019 18:45

Instrument :

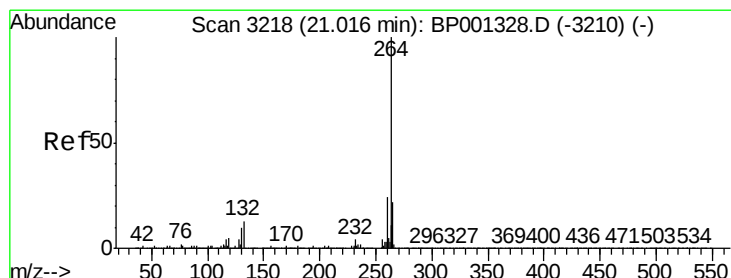
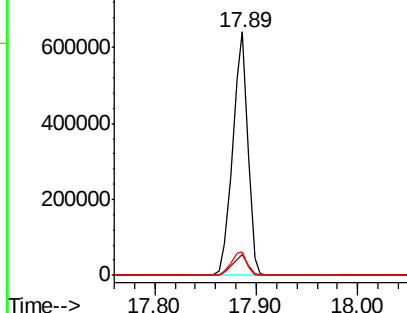
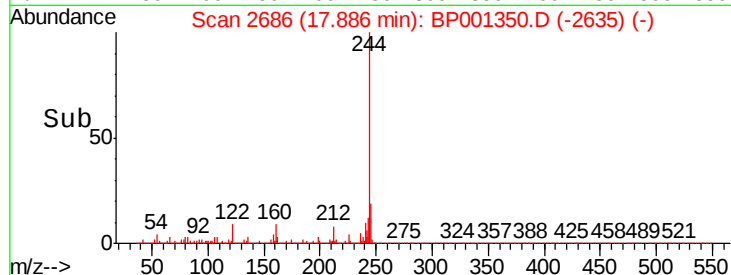
BNA_P

ClientSampleId :

Tot Ion:244	Resp:	664579
Ion Ratio	Lower	Upper
244	100	
212	8.4	6.6 9.8
122	9.4	7.6 11.4



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



#87

Perylene-d12

Concen: 20.000 ng

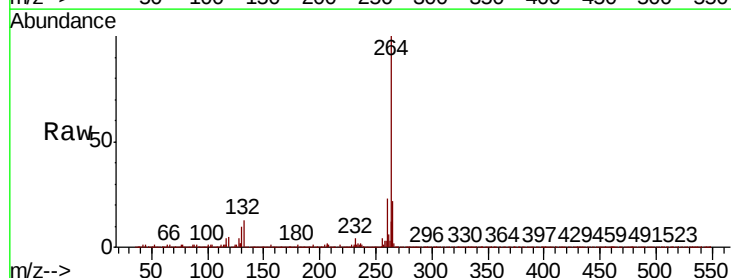
RT: 21.02 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Tgt Ion:264	Resp:	157228
Ion Ratio	Lower	Upper
264	100	
260	23.4	19.2 28.8
265	21.8	17.4 26.2



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

