

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003047.D
 Acq On : 19 Aug 2020 23:28
 Operator : CG/JU
 Sample : L3712-15 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VB-25860

Quant Time: Aug 20 03:19:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

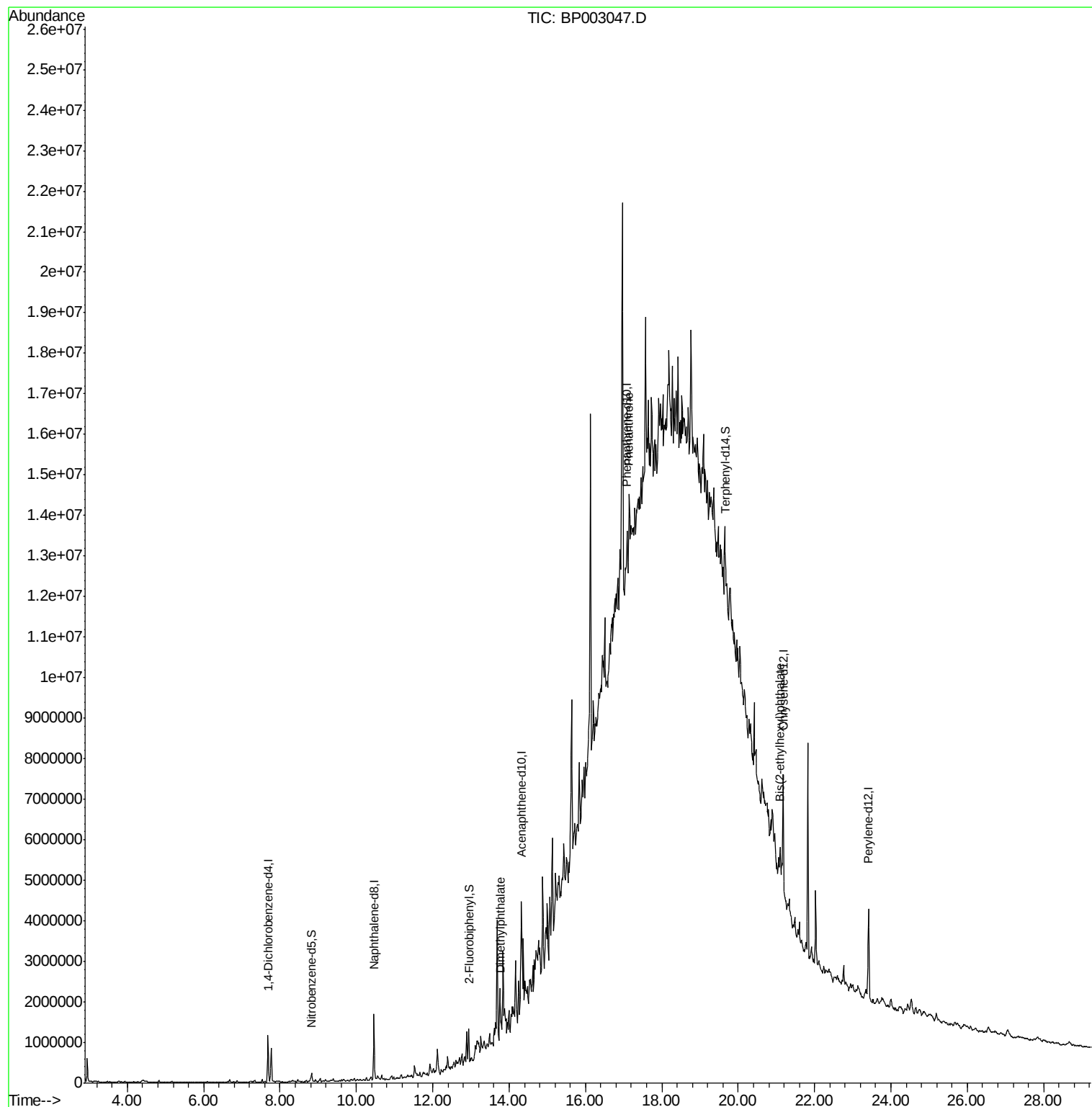
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	349897	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1431989	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	674568	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	811775	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1386345	20.00	ng	0.00
86) Perylene-d12	23.41	264	1689268	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	452	0.02	ng	0.00
7) Phenol-d6	6.86	99	1097	0.03	ng	-0.01
23) Nitrobenzene-d5	8.82	82	133775	5.06	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	183	0.02	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	427031	8.65	ng	-0.01
79) Terphenyl-d14	19.67	244	309382	4.47	ng	0.01
Target Compounds						
50) Dimethylphthalate	13.77	163	136430	2.586	ng	# 87
71) Phenanthrene	17.13	178	140960	2.961	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.10	149	354477	6.609	ng	# 94

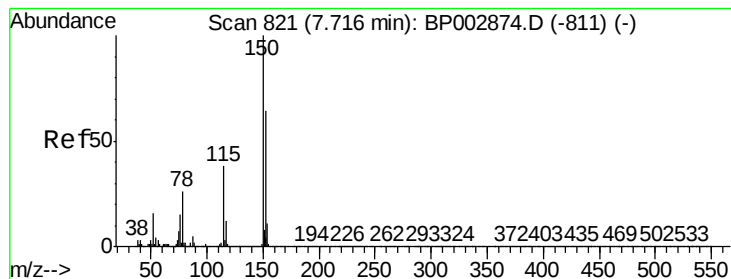
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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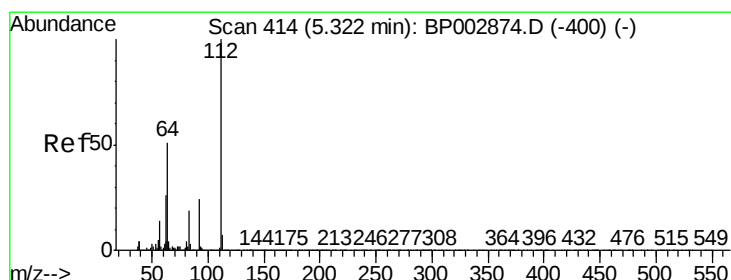
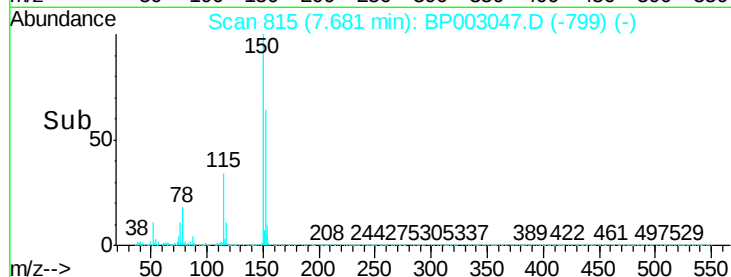
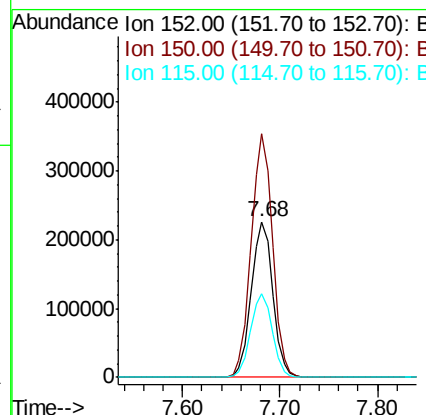
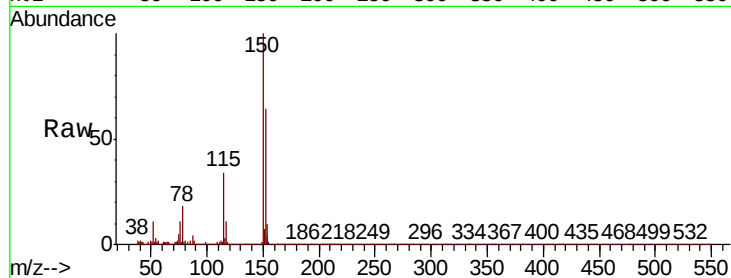


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_P
ClientSampleId :
VB-25860

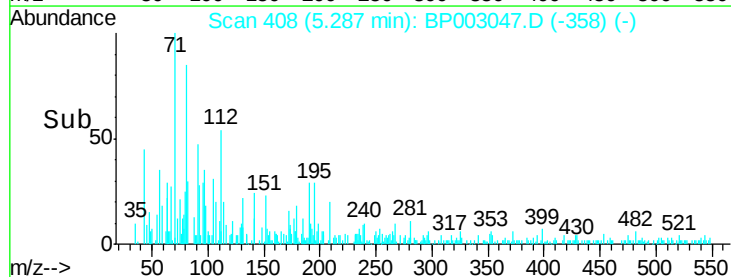
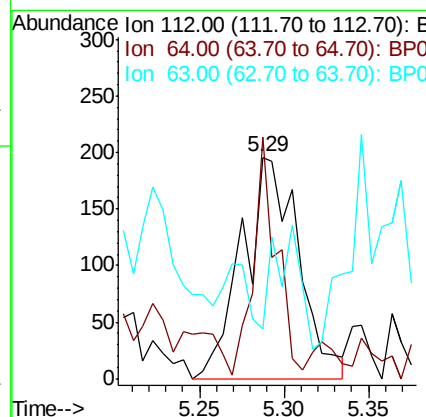
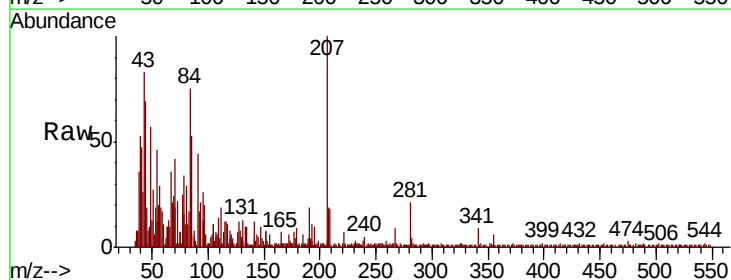
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.1	189.1
115	53.4	43.4	65.2

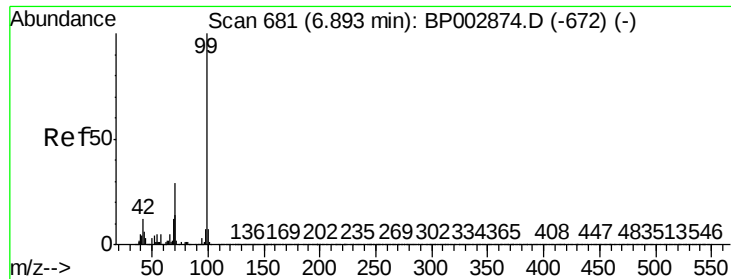


#5

2-Fluorophenol
Concen: 0.020 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	109.2	33.4	50.2
63	22.4	17.4	26.0





#7

Phenol-d6

Concen: 0.035 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

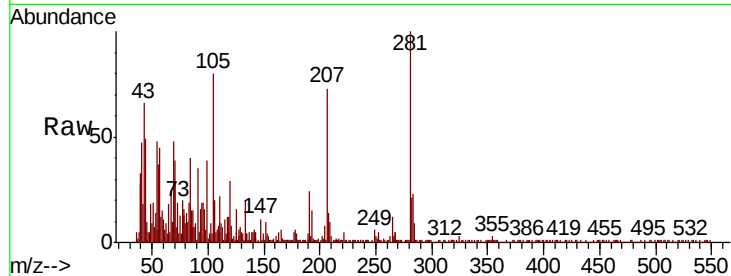
Tot Ion: 99 Resp: 1097

Ion Ratio Lower Upper

99 100

42 45.1 8.0 12.0#

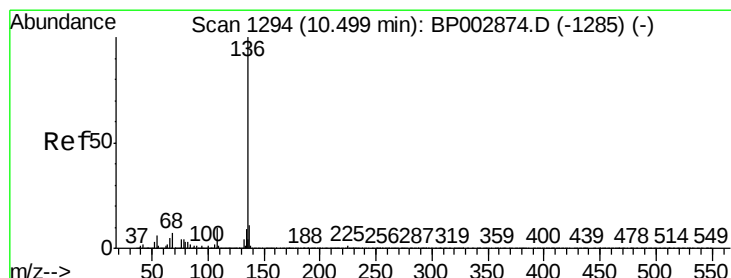
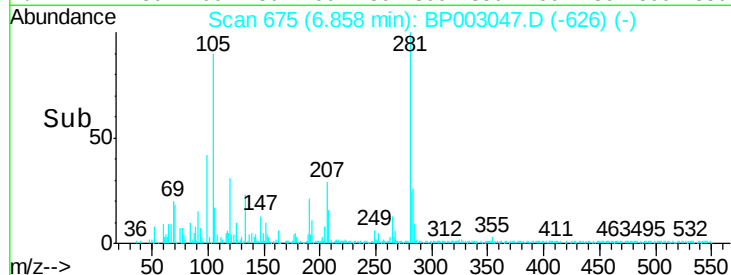
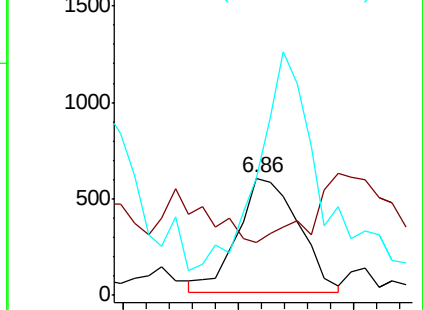
71 99.5 21.3 31.9#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Tgt Ion: 136 Resp: 1431989

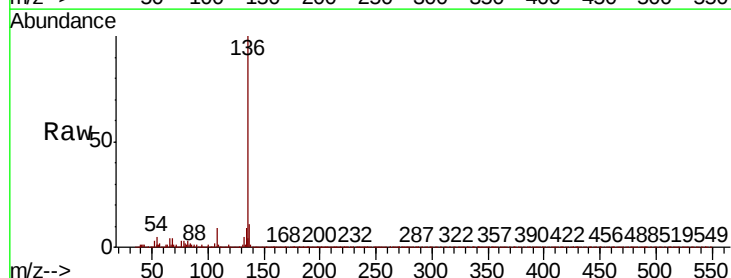
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.6 3.8 5.8

68 4.4 3.8 5.8

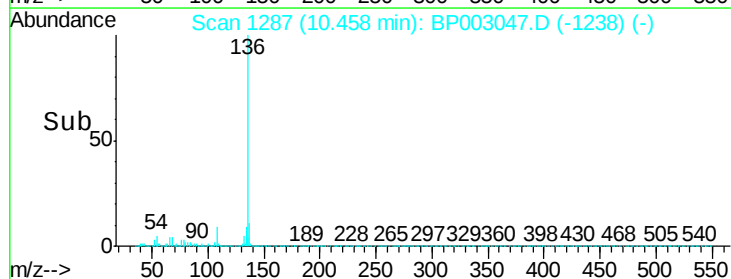
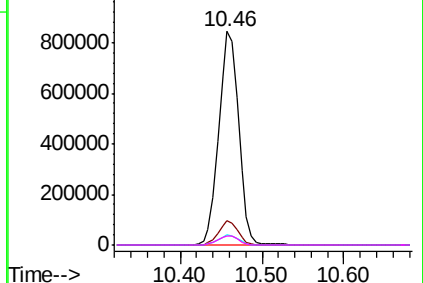


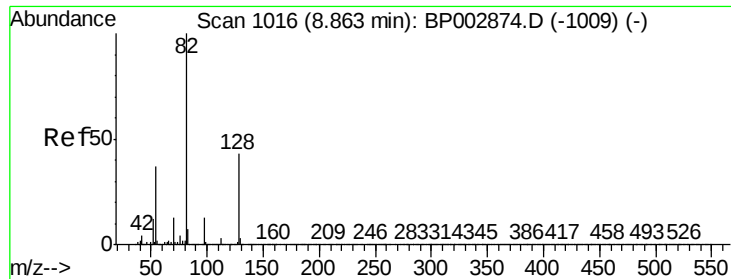
Abundance Ion 136.00 (135.70 to 136.70): E

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

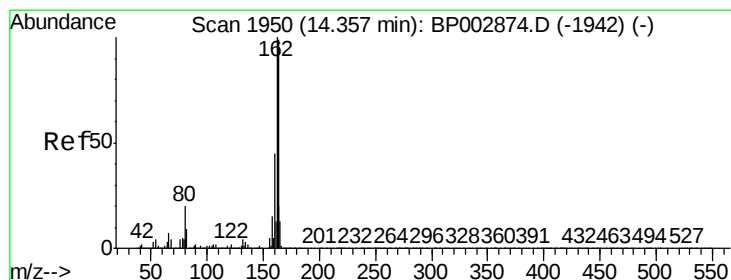
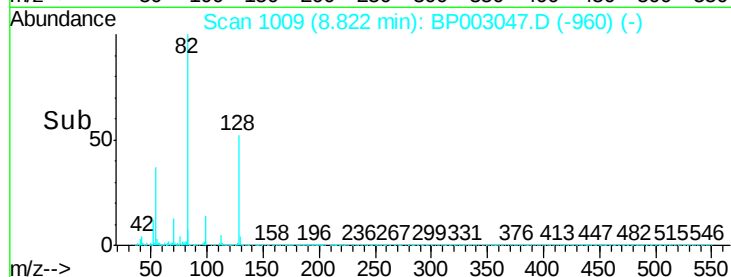
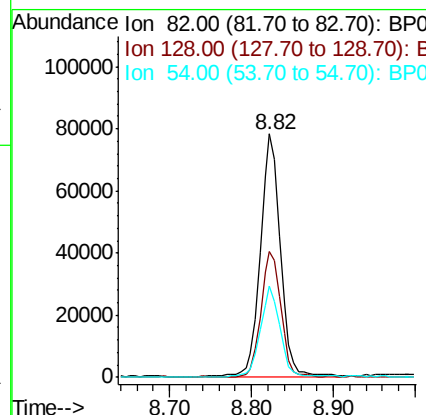
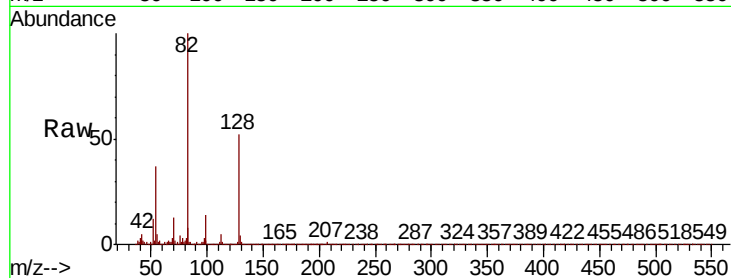




#23
Nitrobenzene-d5
Concen: 5.060 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

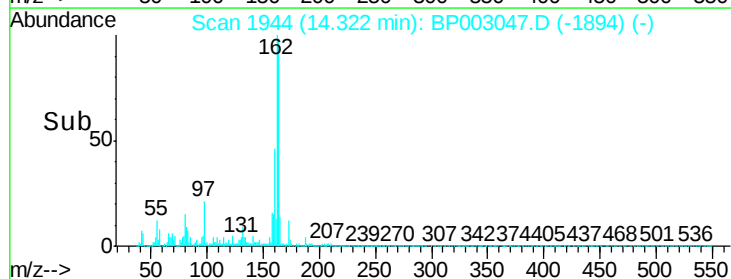
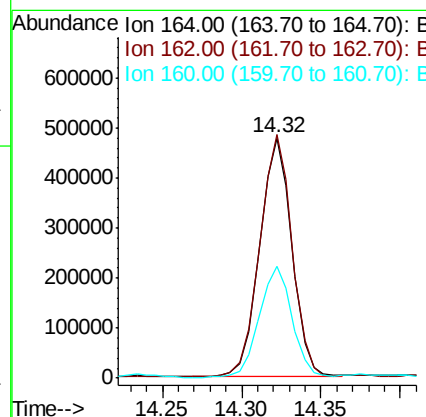
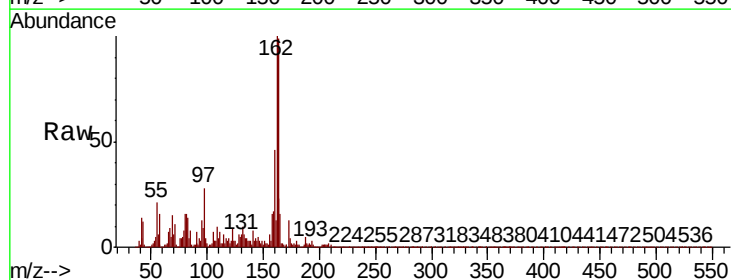
Instrument :
BNA_P
ClientSampleId :
VB-25860

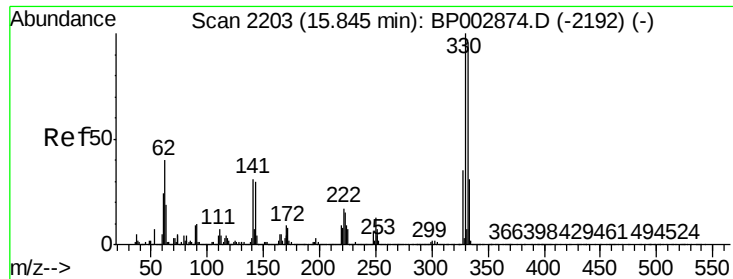
Tot Ion	82	Resp	133775
Ion Ratio	Lower	Upper	
82	100		
128	51.8	45.1	67.7
54	37.4	28.8	43.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion	164	Resp	674568
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.4	122.0
160	46.7	35.5	53.3

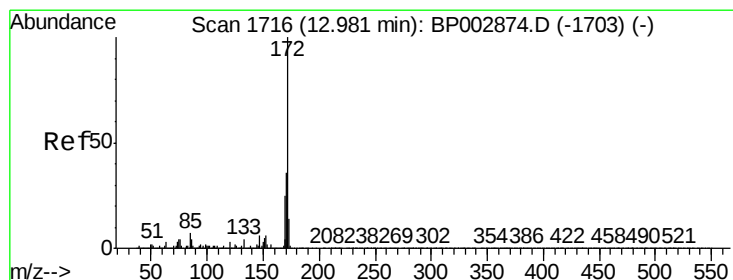
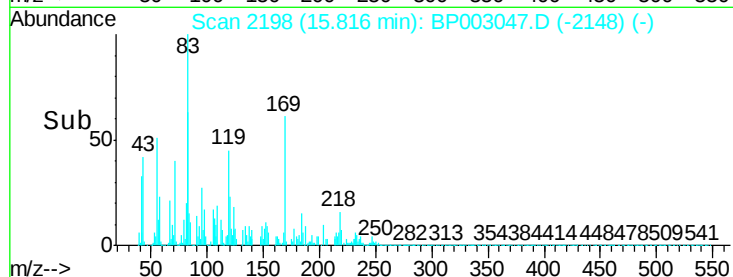
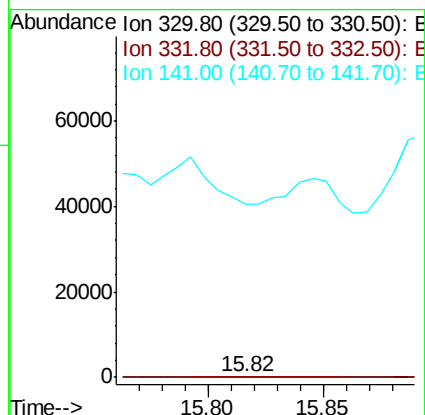
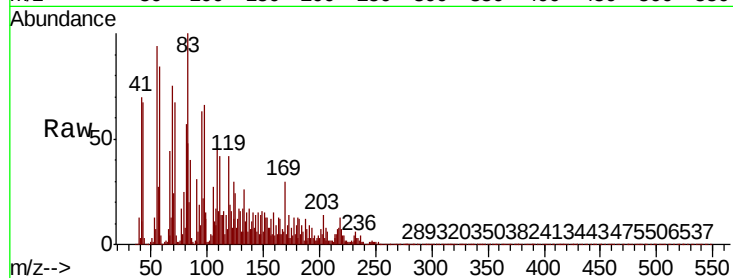




#42
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

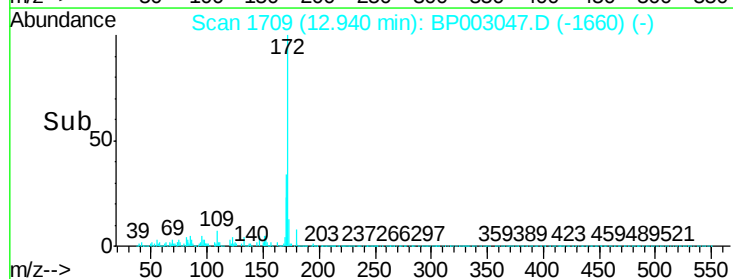
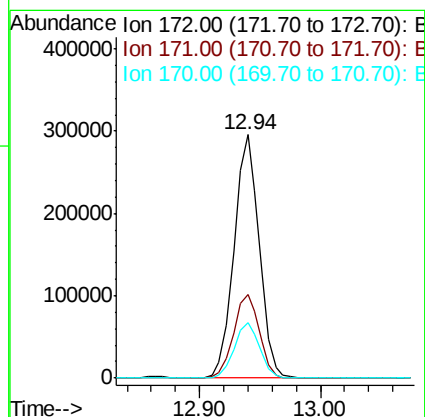
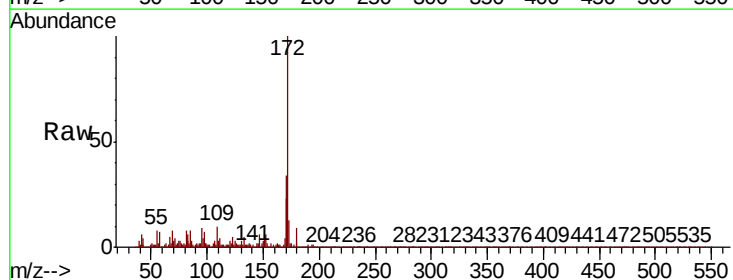
Instrument :
BNA_P
ClientSampleId :
VB-25860

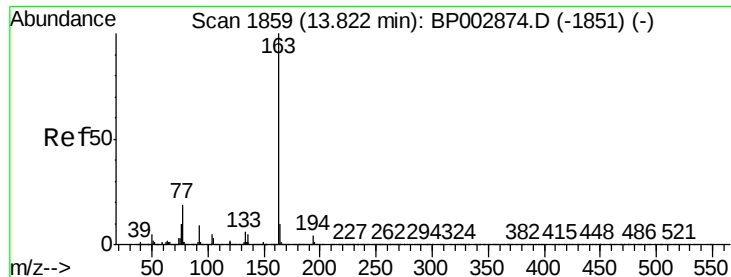
Tot Ion:330 Resp: 183
Ion Ratio Lower Upper
330 100
332 124.0 77.0 115.6#
141 0.0 26.7 40.1#



#45
2-Fluorobiphenyl
Concen: 8.649 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion:172 Resp: 427031
Ion Ratio Lower Upper
172 100
171 34.3 29.0 43.4
170 22.9 19.1 28.7





#50

Dimethylphthalate

Concen: 2.586 ng

RT: 13.77 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

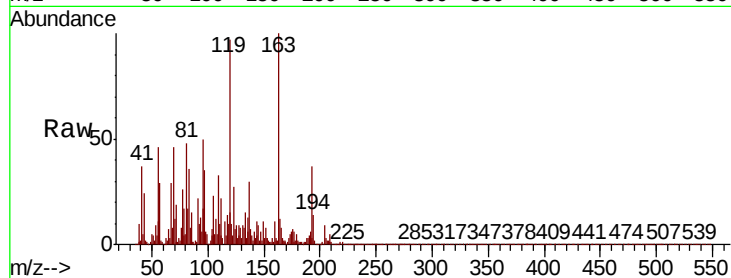
Tot Ion:163 Resp: 136430

Ion Ratio Lower Upper

163 100

194 14.2 3.3 4.9#

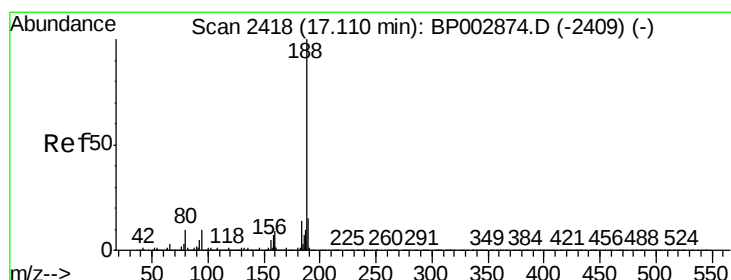
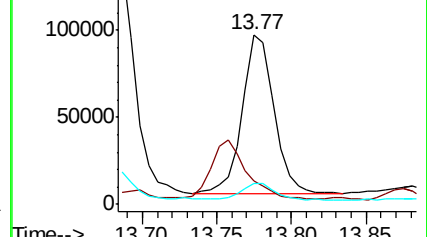
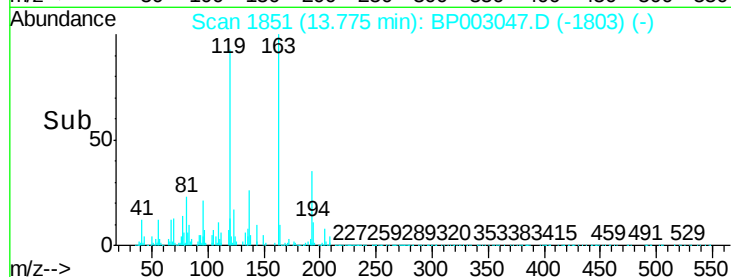
164 12.3 8.1 12.1#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

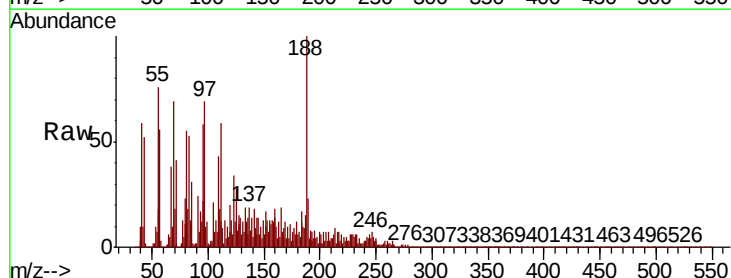
Tgt Ion:188 Resp: 811775

Ion Ratio Lower Upper

188 100

94 12.1 7.1 10.7#

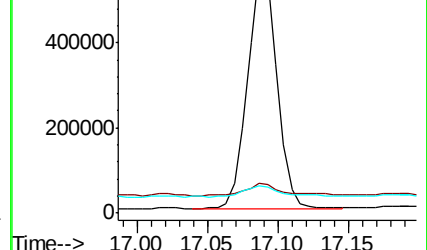
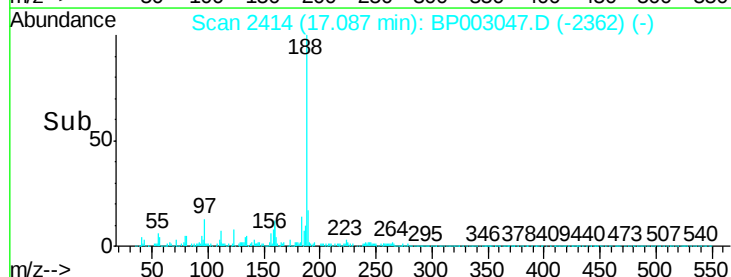
80 11.4 6.7 10.1#

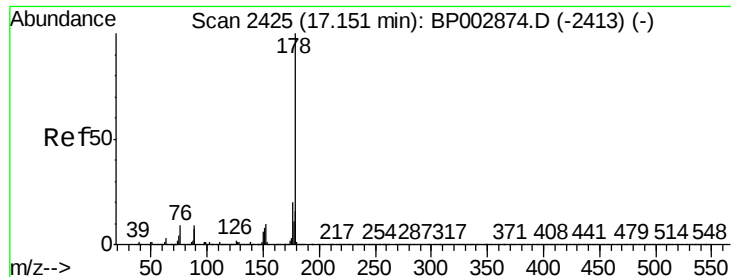


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

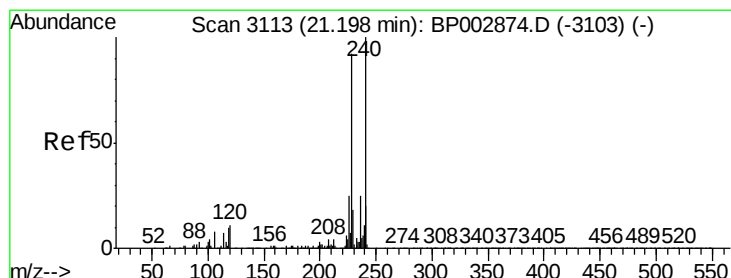
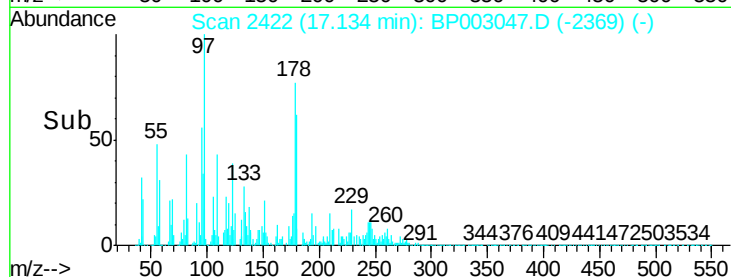
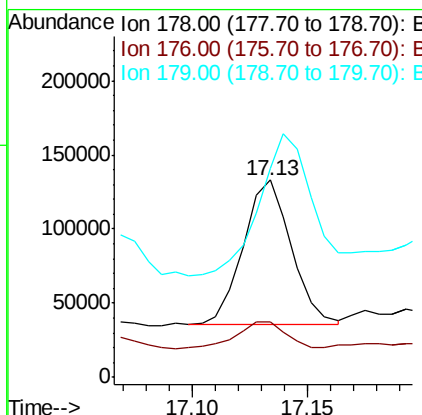
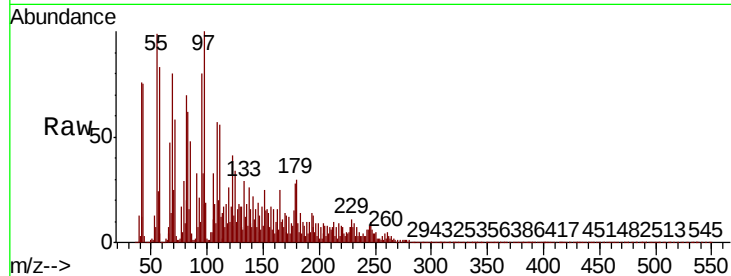




#71
Phenanthrene
Concen: 2.961 ng
RT: 17.13 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

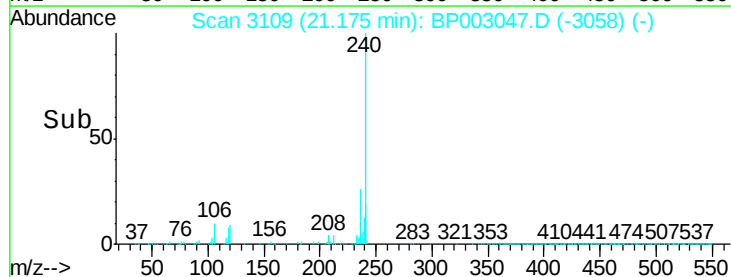
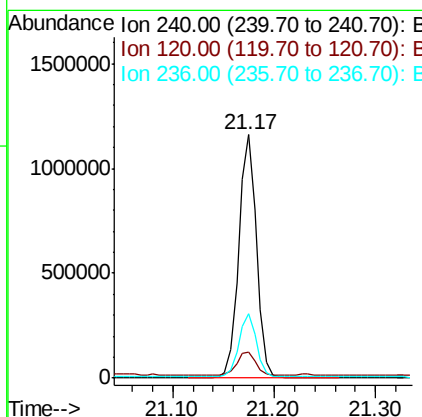
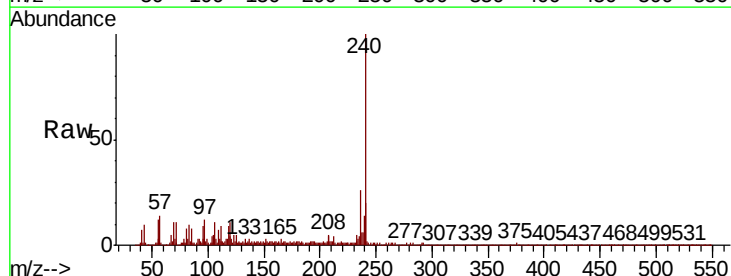
Instrument :
BNA_P
ClientSampled :
VB-25860

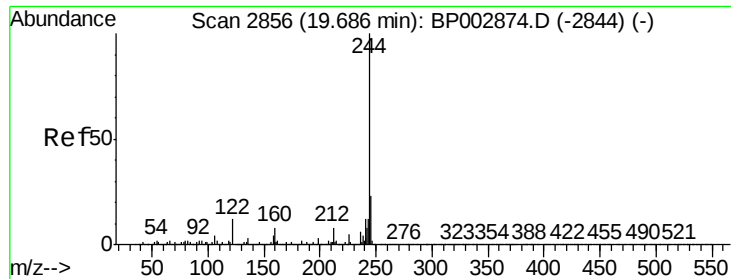
Tot Ion	Ratio	Lower	Upper
178	100		
176	28.2	15.8	23.8
179	105.9	12.9	19.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.2	20.8	31.2





#79

Terphenyl-d14

Concen: 4.468 ng

RT: 19.67 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

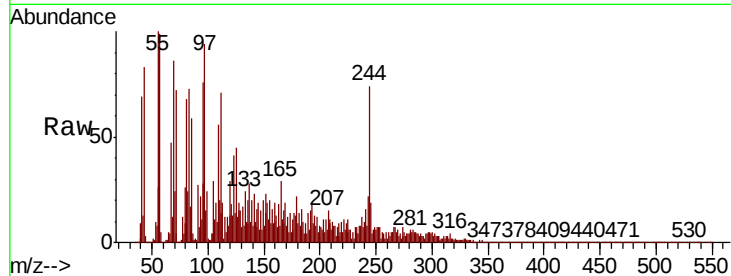
Tot Ion:244 Resp: 309382

Ion Ratio Lower Upper

244 100

212 10.8 6.3 9.5#

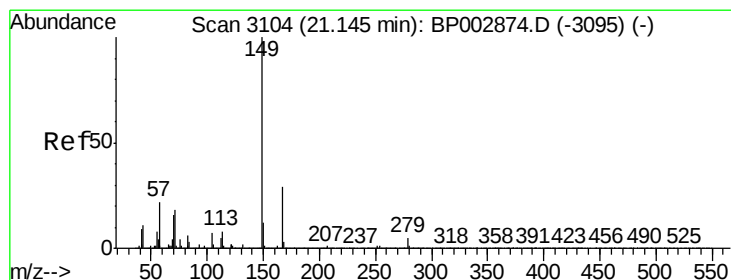
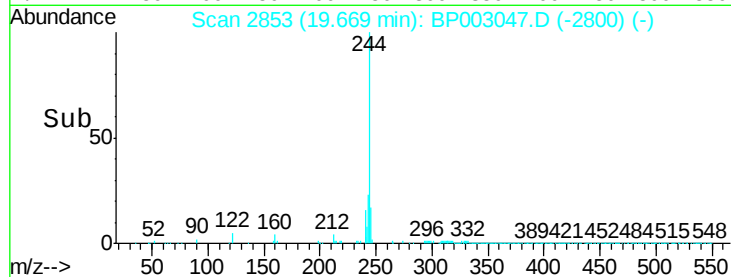
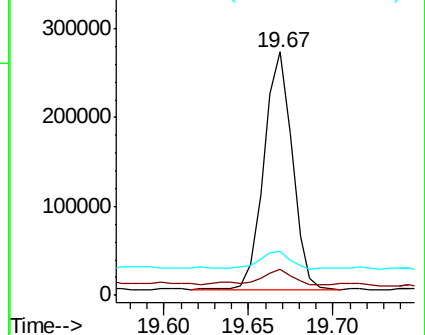
122 17.9 8.7 13.1#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.609 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

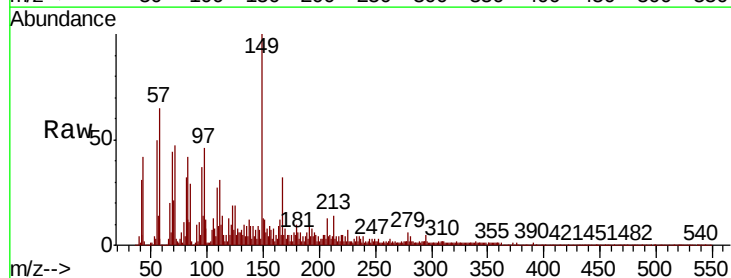
Tgt Ion:149 Resp: 354477

Ion Ratio Lower Upper

149 100

167 32.1 22.9 34.3

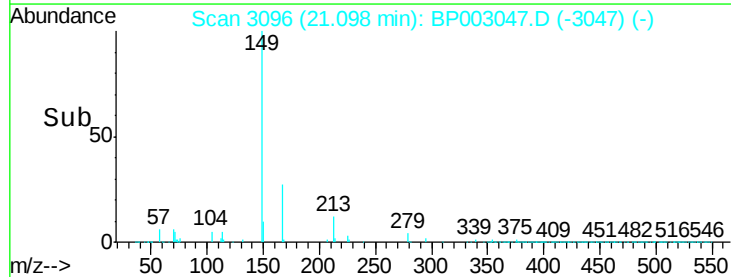
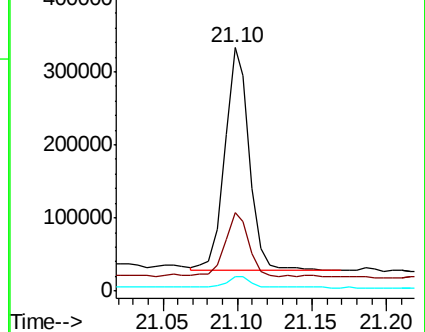
279 5.9 3.8 5.8#

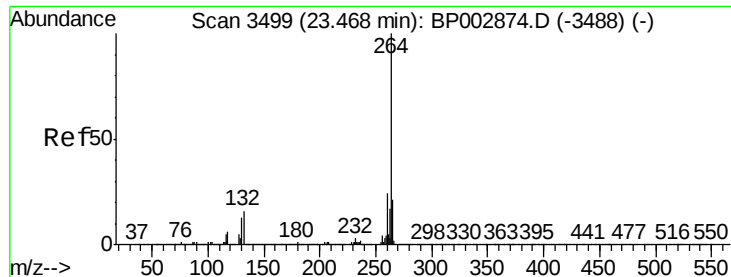


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_P
ClientSampleId :
VB-25860

Tot Ion:264 Resp: 1689268

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.3	25.9

