

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002986.D
 Acq On : 14 Aug 2020 15:55
 Operator : CG/JU
 Sample : L3508-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-081120

Quant Time: Aug 14 16:27:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

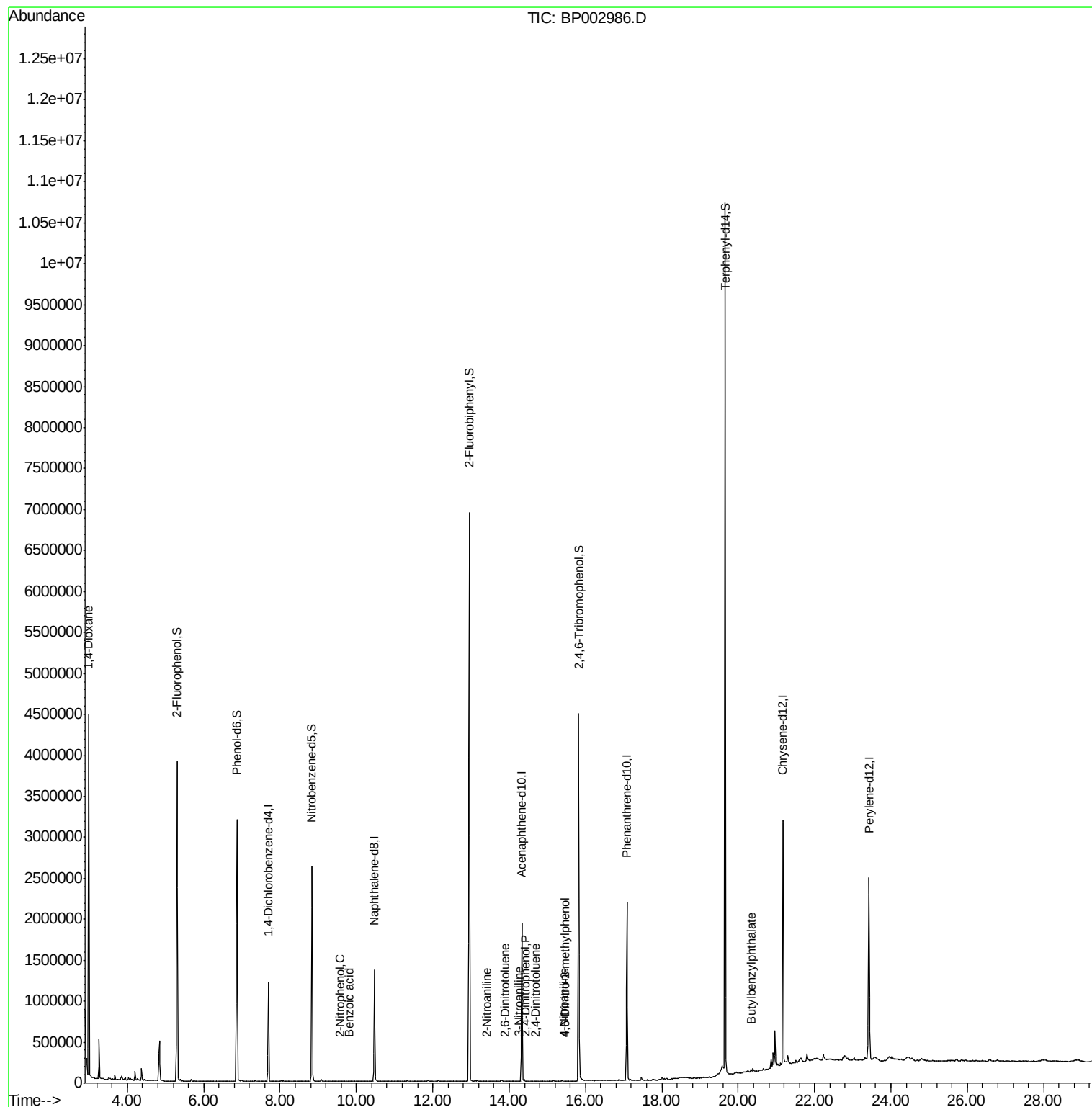
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	366501	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1253572	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	678131	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1327254	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1389995	20.00	ng	0.00
86) Perylene-d12	23.42	264	1533727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2029128	84.74	ng	0.00
7) Phenol-d6	6.87	99	2153130	64.76	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1540699	66.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	872164	103.48	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	3835110	77.27	ng	-0.01
79) Terphenyl-d14	19.66	244	4530752	65.25	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.99	88	37693	3.667	ng	# 1
26) 2-Nitrophenol	9.56	139	35	4.524	ng	# 1
32) Benzoic acid	9.82	122	488	7.721	ng	# 65
48) 2-Nitroaniline	13.42	65	313	3.998	ng	# 22
51) 2,6-Dinitrotoluene	13.88	165	528	2.941	ng	# 60
53) 3-Nitroaniline	14.25	138	96	3.281	ng	# 50
54) 2,4-Dinitrophenol	14.44	184	32	8.063	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	62	3.809	ng	# 63
62) 4-Nitroaniline	15.43	138	161	2.428	ng	# 89
65) 4,6-Dinitro-2-methylphenol	15.46	198	11	6.902	ng	# 1
80) Butylbenzylphthalate	20.34	149	7012	3.224	ng	# 75

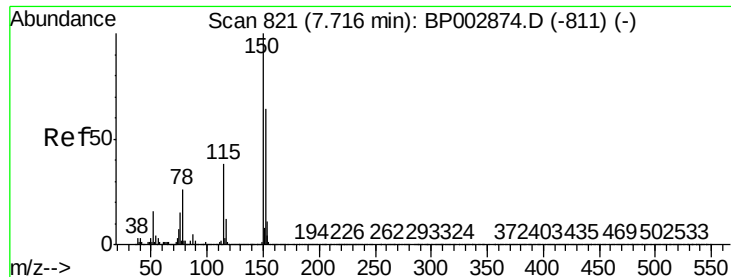
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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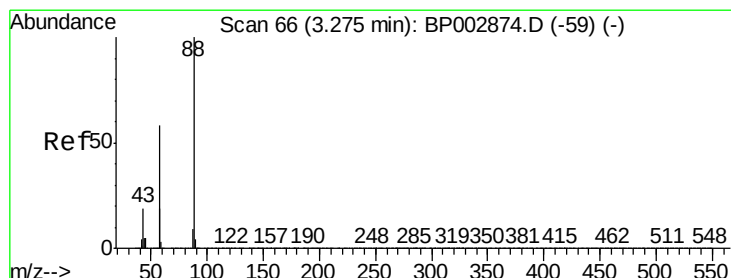
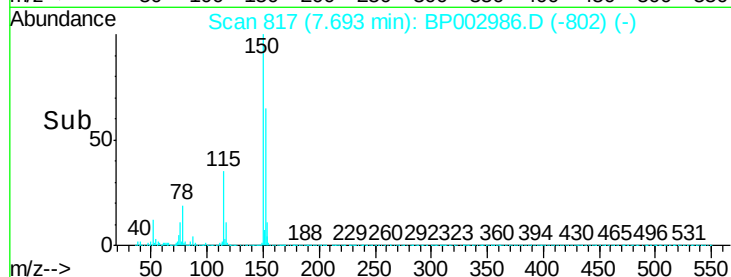
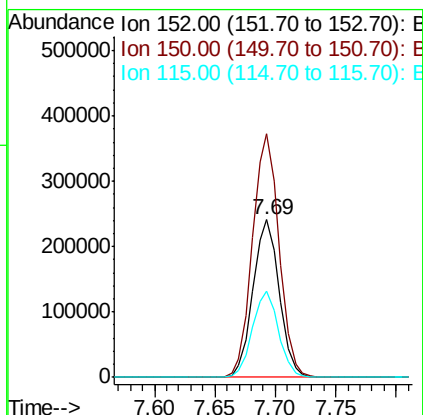
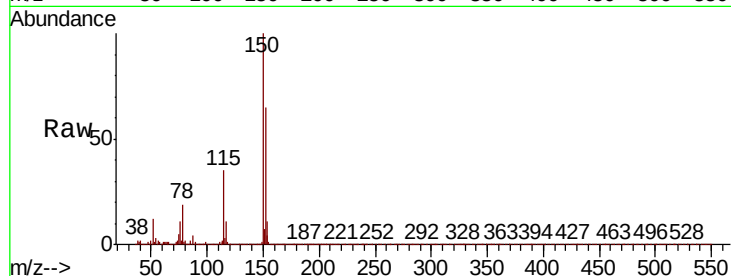


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BP002986.D
 Acq: 14 Aug 2020 15:55

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-081120

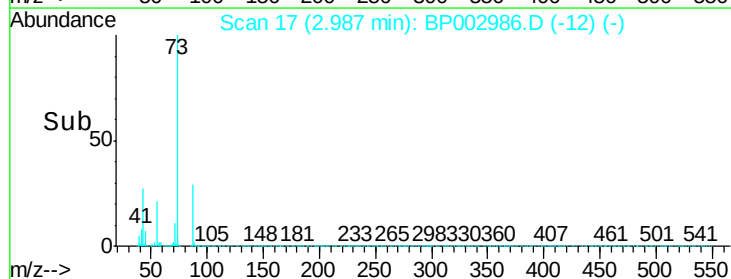
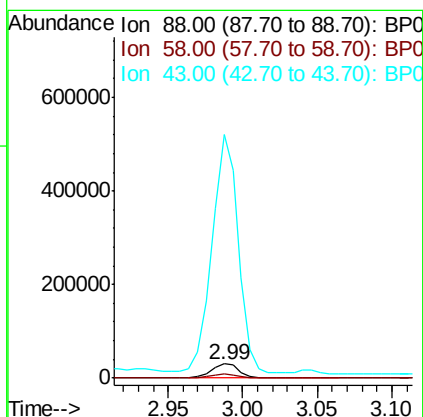
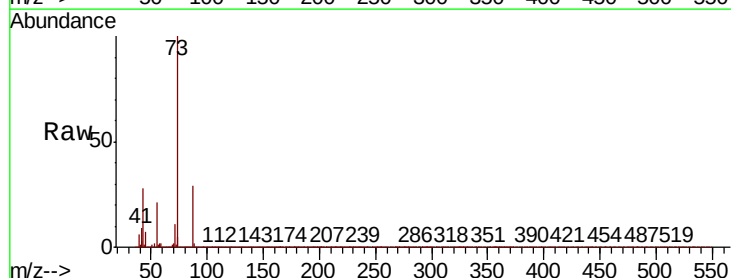
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.4
115	54.9	42.1	63.1

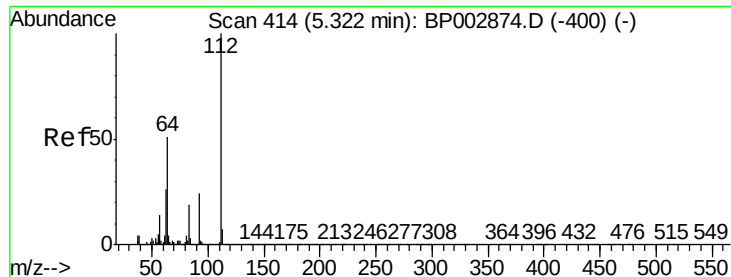


#2

1,4-Dioxane
 Concen: 3.667 ng
 RT: 2.99 min Scan# 17
 Delta R.T. -0.27 min
 Lab File: BP002986.D
 Acq: 14 Aug 2020 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	23.4	45.1	67.7#
43	1635.6	14.6	21.8#





#5

2-Fluorophenol

Concen: 84.736 ng

RT: 5.30 min Scan# 410

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Instrument :

BNA_P

ClientSampleId :

TR-05-081120

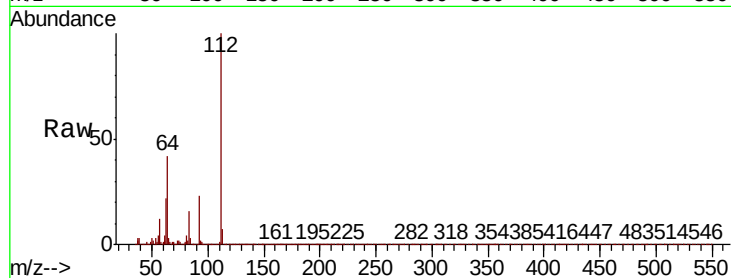
Tot Ion:112 Resp: 2029128

Ion Ratio Lower Upper

112 100

64 42.4 33.8 50.8

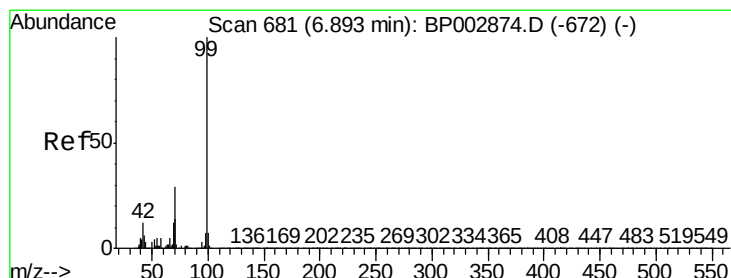
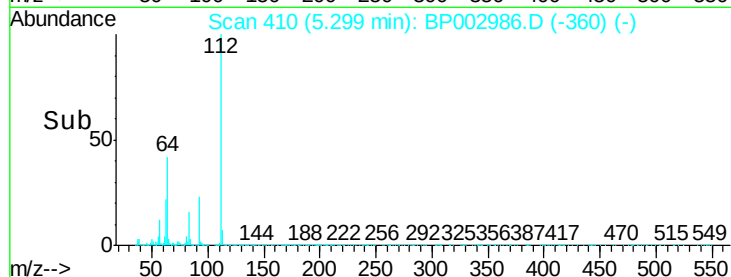
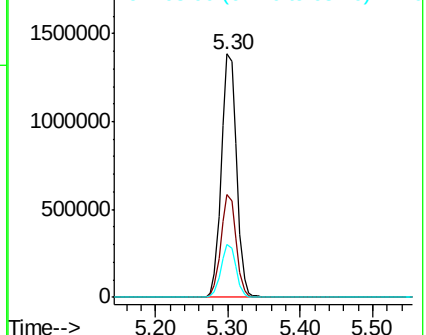
63 21.7 17.2 25.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 64.762 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

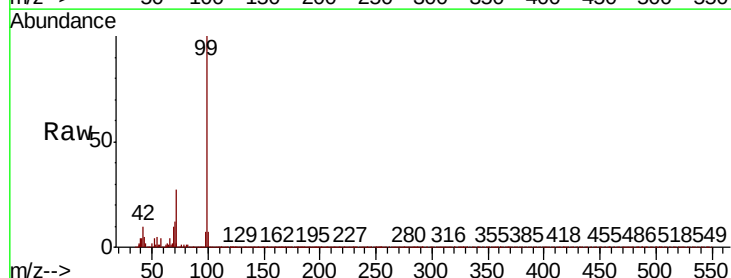
Tgt Ion: 99 Resp: 2153130

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

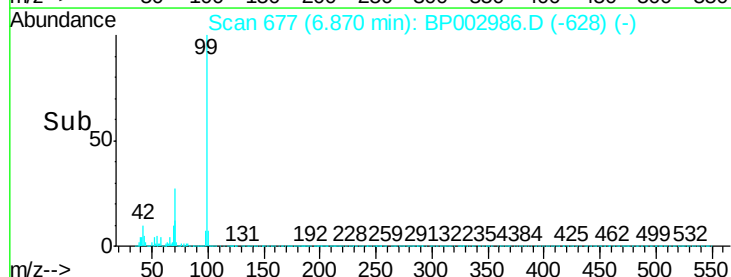
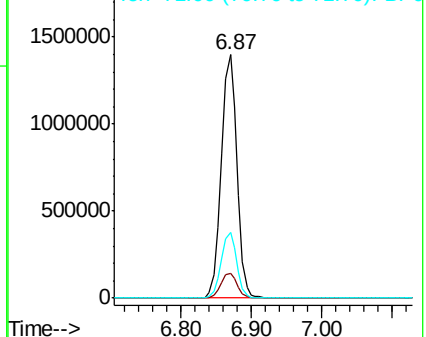
71 26.9 21.0 31.4

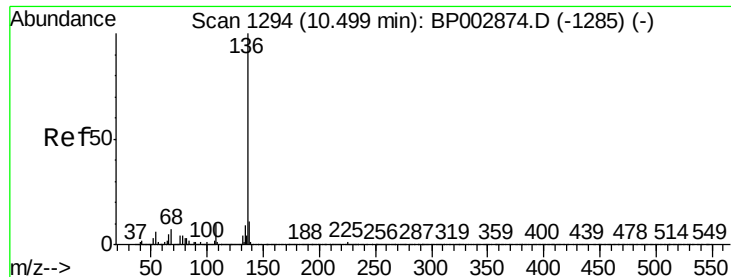


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



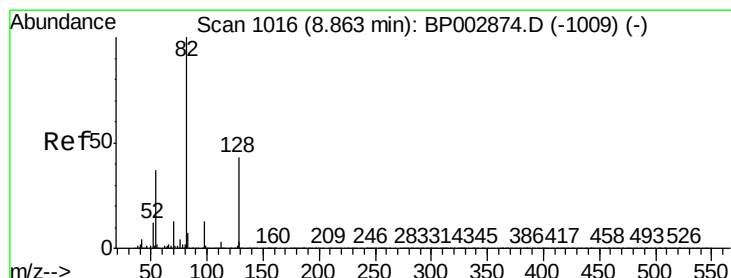
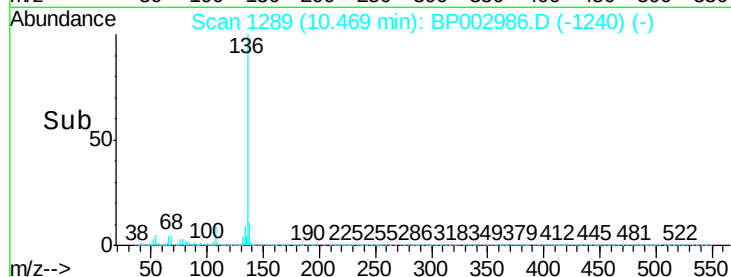
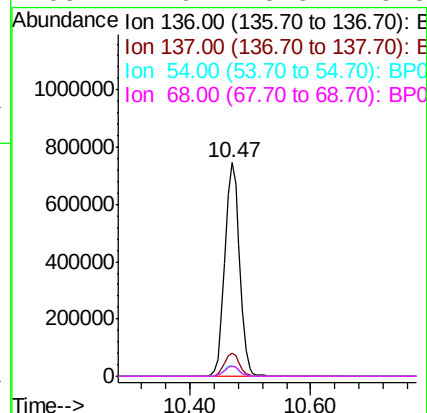
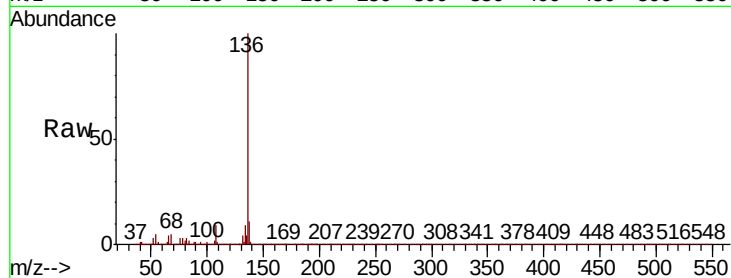


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Instrument :
BNA_P
ClientSampleId :
TR-05-081120

Tot Ion:136 Resp: 1253572

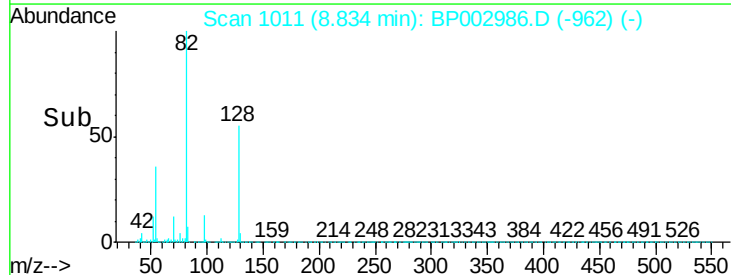
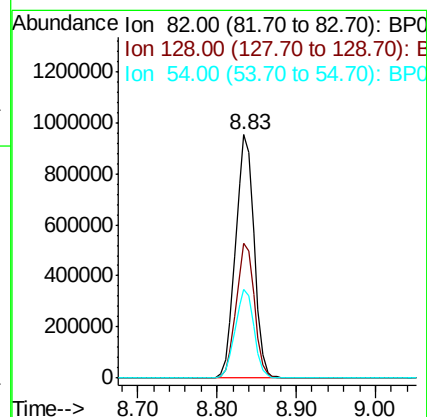
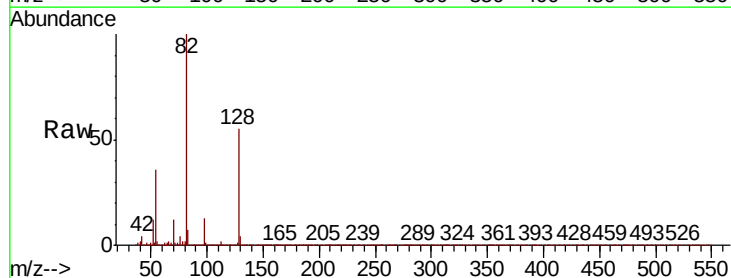
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.1	3.9	5.9
68	4.9	3.8	5.8

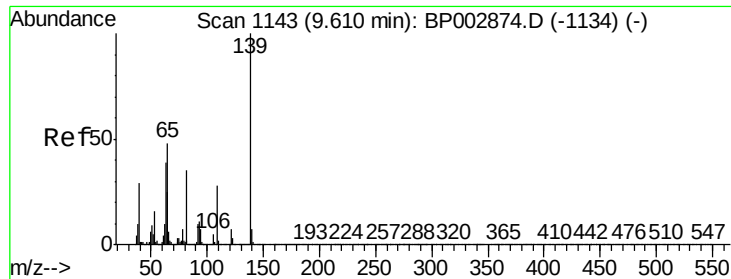


#23
Nitrobenzene-d5
Concen: 66.568 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion: 82 Resp: 1540699

Ion	Ratio	Lower	Upper
82	100		
128	55.3	44.6	66.8
54	36.5	29.2	43.8

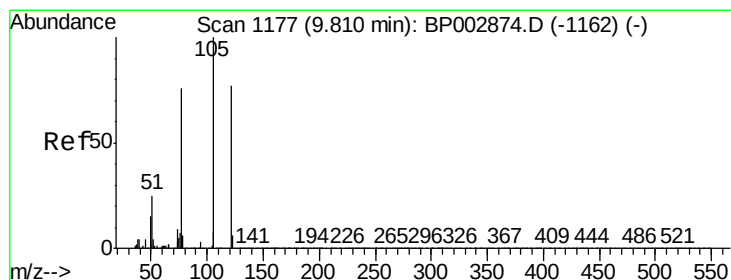
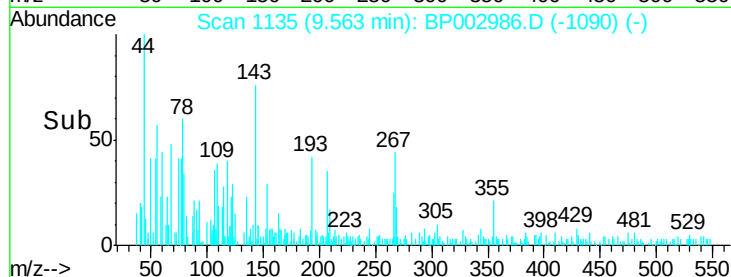
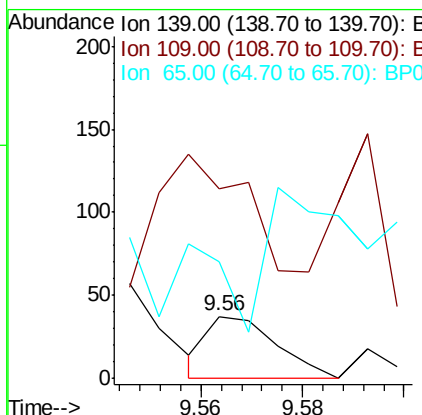
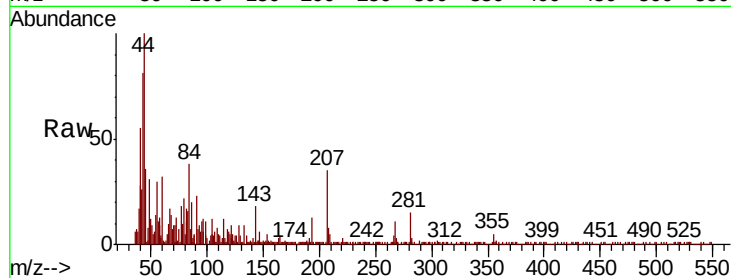




#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.56 min Scan# 1135
Delta R.T. -0.04 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

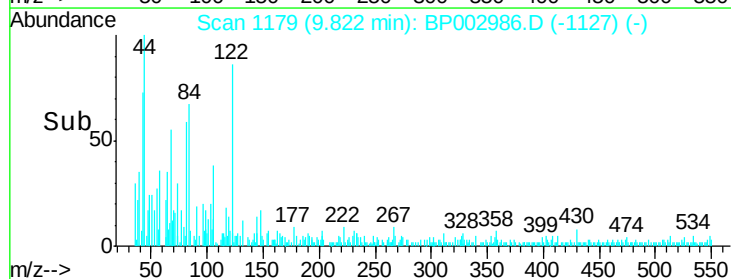
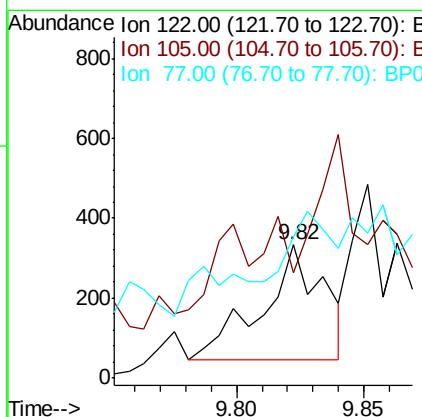
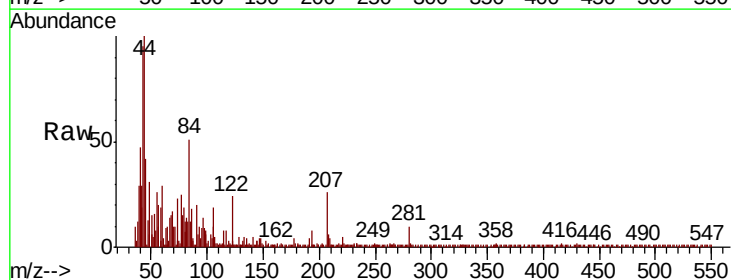
Instrument :
BNA_P
ClientSampleId :
TR-05-081120

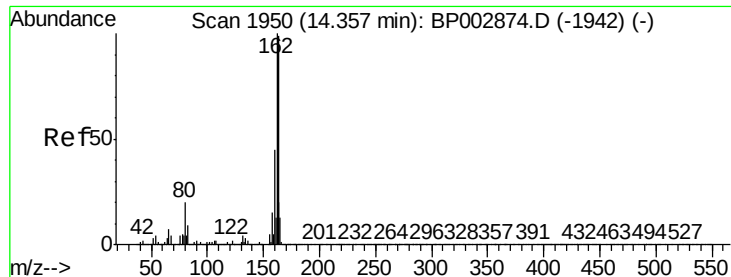
Tot Ion	Ratio	Lower	Upper
139	100		
109	308.1	19.5	29.3#
65	189.2	26.6	40.0#



#32
Benzoic acid
Concen: 7.721 ng
RT: 9.82 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	79.0	95.8	135.8#
77	106.0	54.7	94.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Instrument :

BNA_P

ClientSampleId :

TR-05-081120

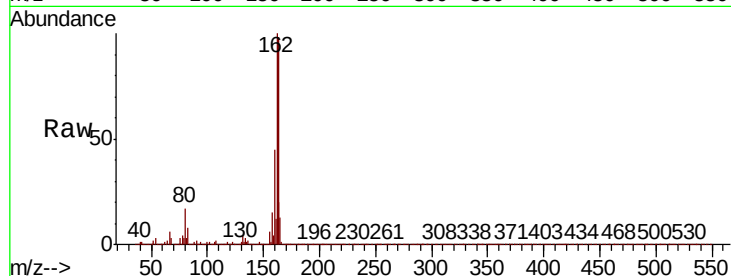
Tot Ion:164 Resp: 678131

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.4

160 45.5 36.2 54.4



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

600000

500000

400000

300000

200000

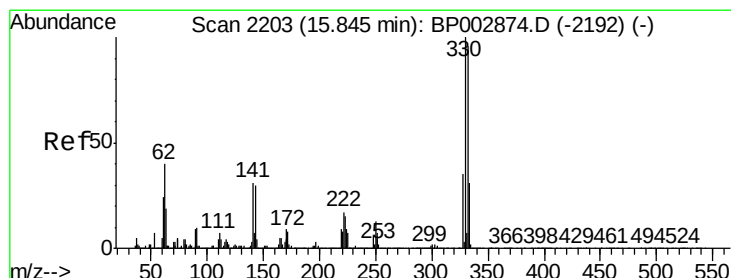
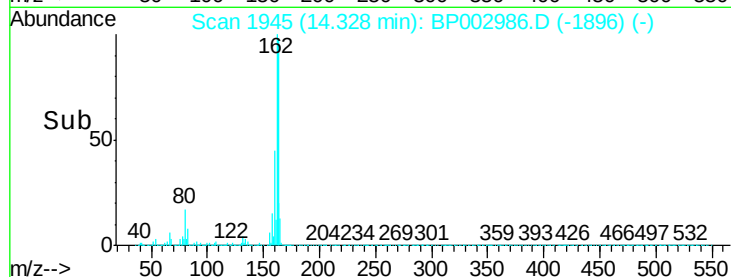
100000

0

14.33

14.20 14.30 14.40 14.50

Time-->



#42

2,4,6-Tribromophenol

Concen: 103.479 ng

RT: 15.82 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

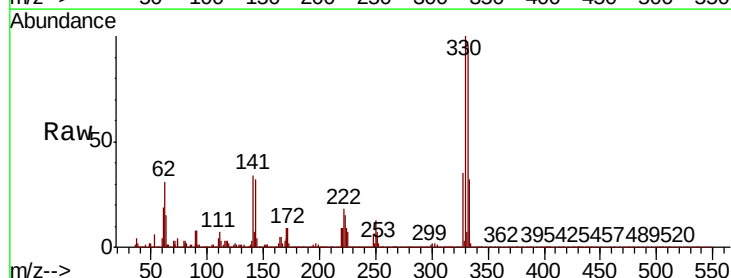
Tgt Ion:330 Resp: 872164

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 34.1 28.6 43.0



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

800000

600000

400000

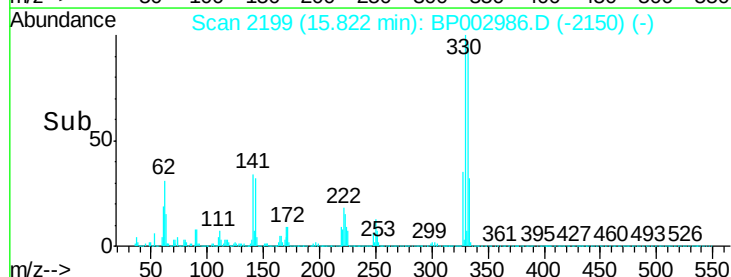
200000

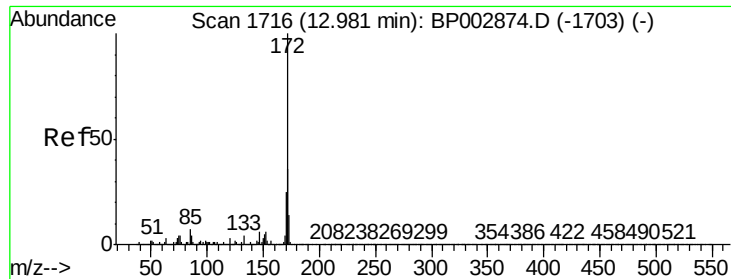
0

15.82

15.70 15.80 15.90 16.00

Time-->

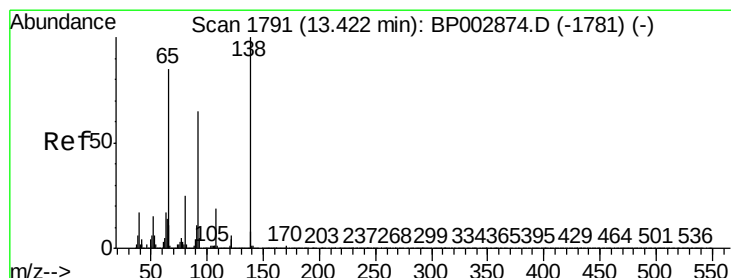
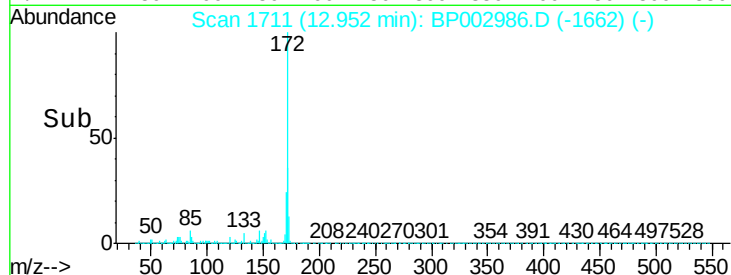
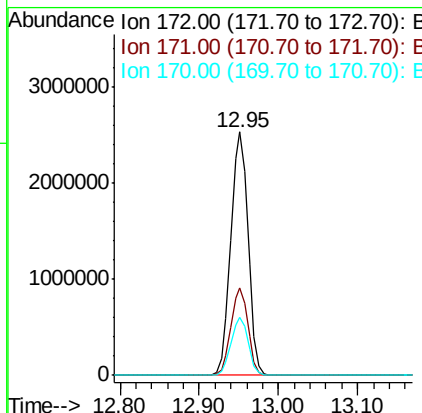
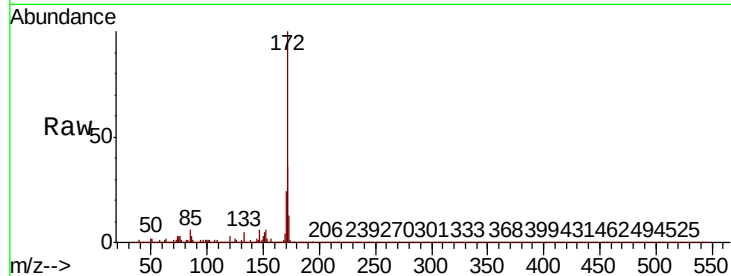




#45
2-Fluorobiphenyl
Concen: 77.270 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

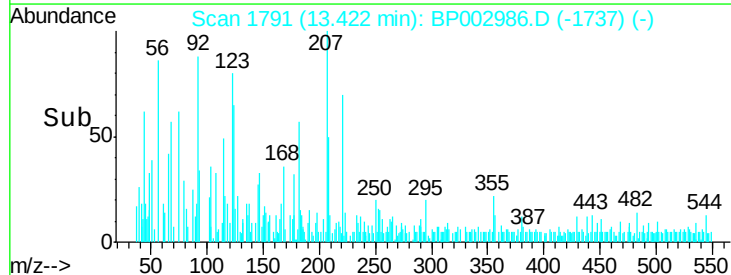
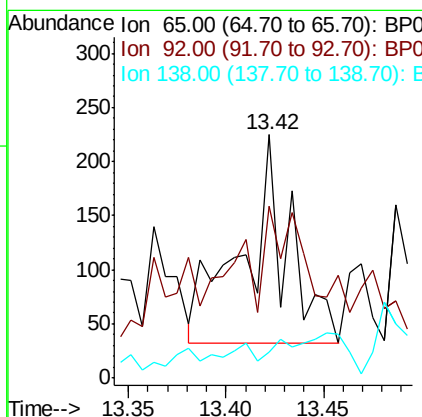
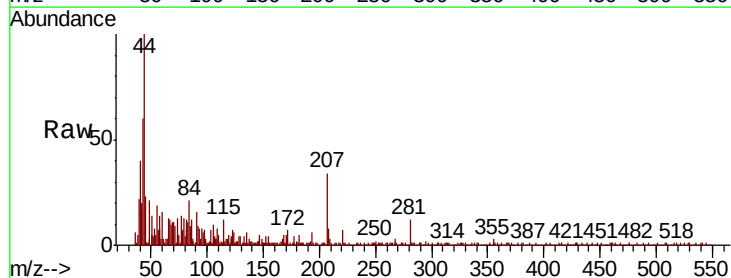
Instrument :
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TR-05-081120

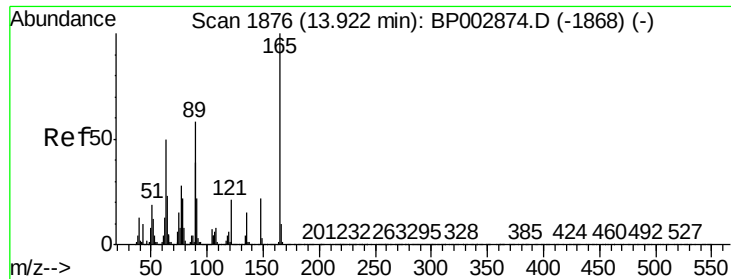
Tot Ion:172 Resp: 3835110
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.6 29.4



#48
2-Nitroaniline
Concen: 3.998 ng
RT: 13.42 min Scan# 1791
Delta R.T. 0.02 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion: 65 Resp: 313
Ion Ratio Lower Upper
65 100
92 70.7 69.6 104.4
138 10.7 125.6 188.4#





#51

2,6-Dinitrotoluene

Concen: 2.941 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.03 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Instrument :

BNA_P

ClientSampleId :

TR-05-081120

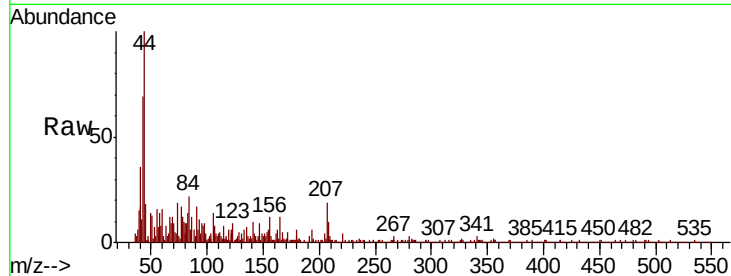
Tot Ion:165 Resp: 528

Ion Ratio Lower Upper

165 100

63 65.7 27.5 41.3#

89 25.4 35.3 52.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

13.88

300

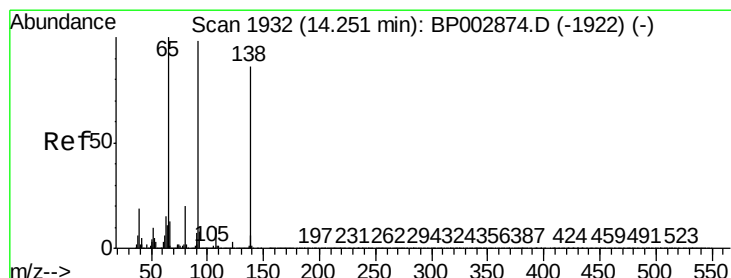
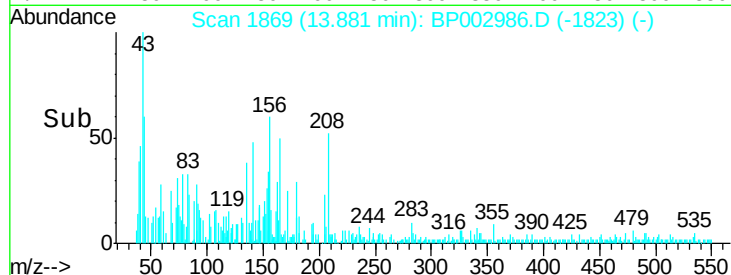
200

100

0

13.80 13.90

Time-->



#53

3-Nitroaniline

Concen: 3.281 ng

RT: 14.25 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

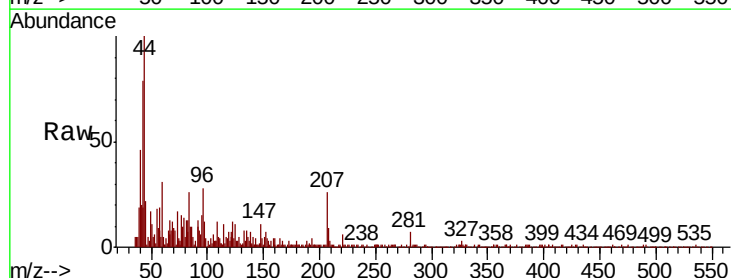
Tgt Ion:138 Resp: 96

Ion Ratio Lower Upper

138 100

108 44.6 7.2 10.8#

92 138.8 75.8 113.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

14.25

250

200

150

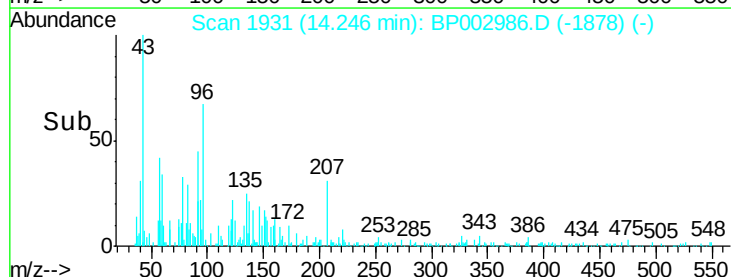
100

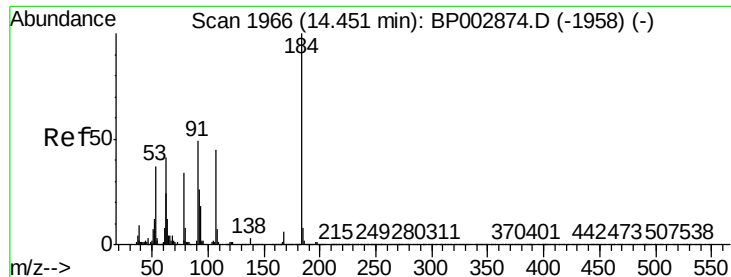
50

0

14.22 14.24 14.26

Time-->

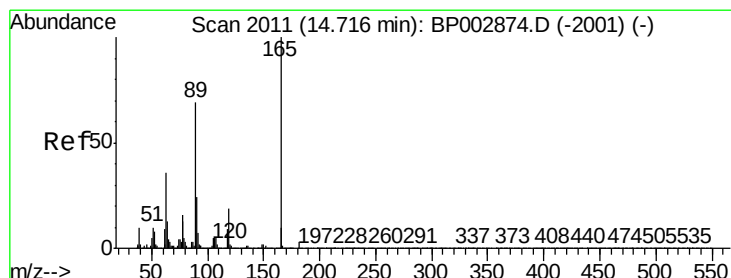
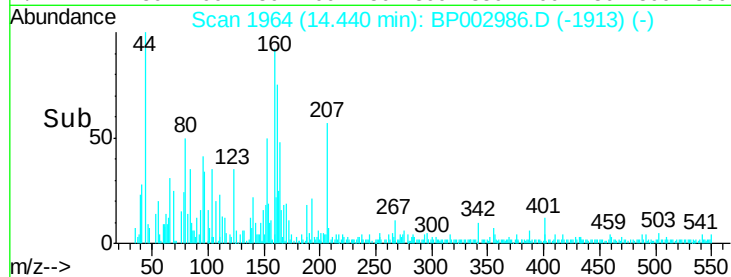
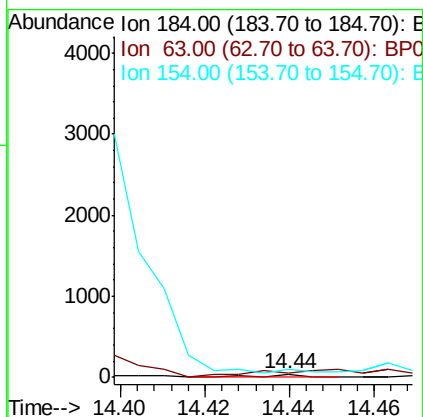
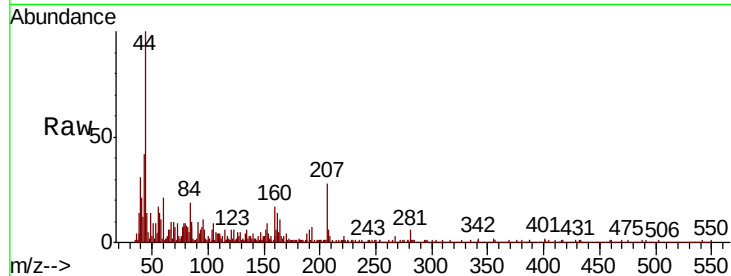




#54
2,4-Dinitrophenol
Concen: 8.063 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

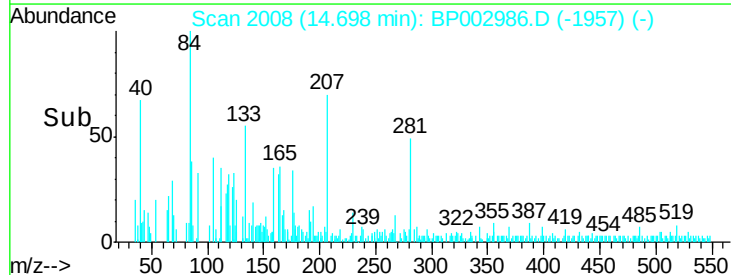
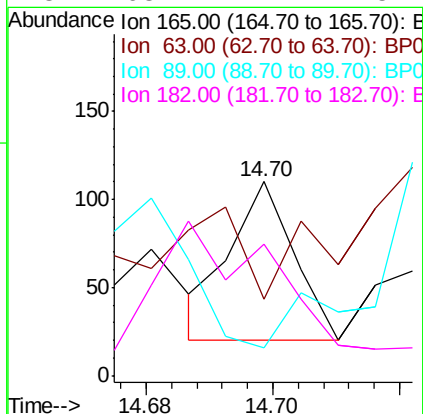
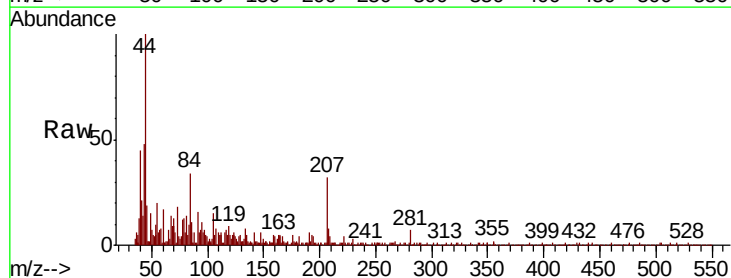
Instrument :
BNA_P
ClientSampleId :
TR-05-081120

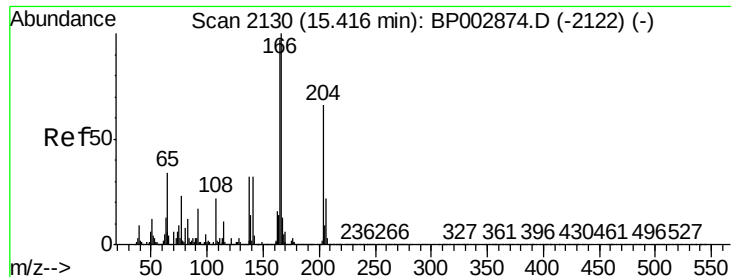
Tot Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 159.5 36.4 54.6#
154 270.3 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.809 ng
RT: 14.70 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion:165 Resp: 62
Ion Ratio Lower Upper
165 100
63 39.1 22.6 34.0#
89 30.0 46.2 69.2#
182 68.2 2.2 3.4#

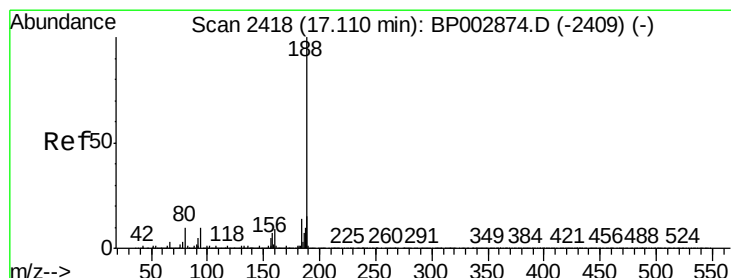
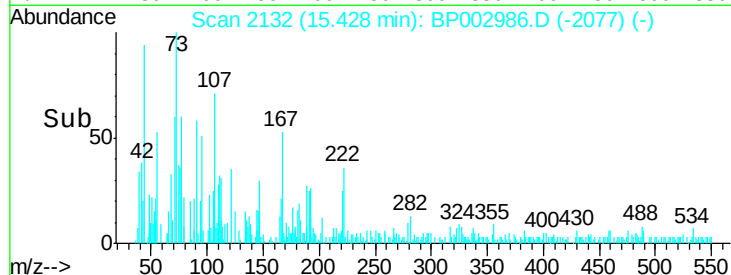
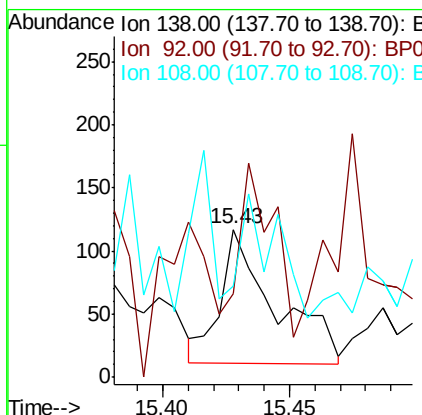
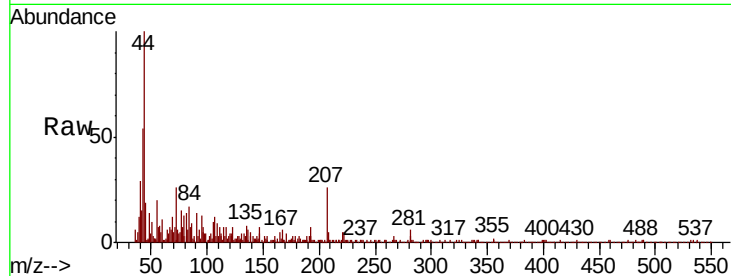




#62
4-Nitroaniline
Concen: 2.428 ng
RT: 15.43 min Scan# 2132
Delta R.T. 0.02 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

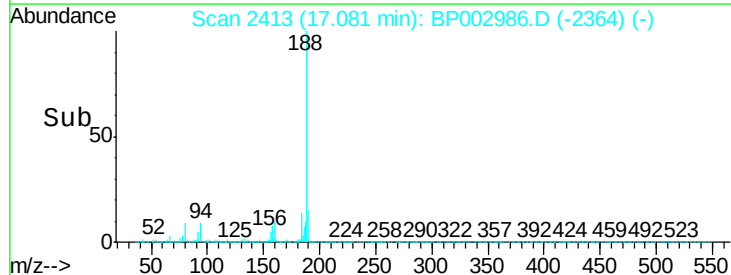
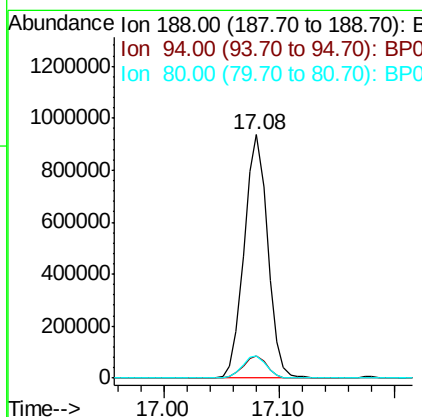
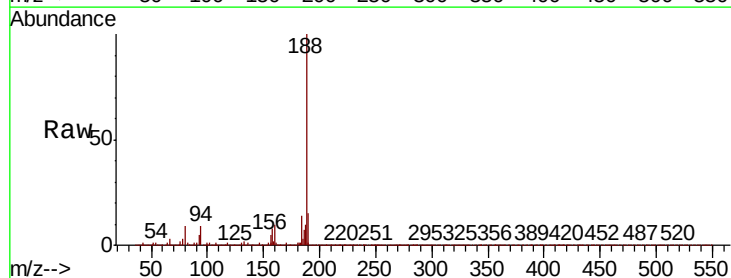
Instrument :
BNA_P
ClientSampleId :
TR-05-081120

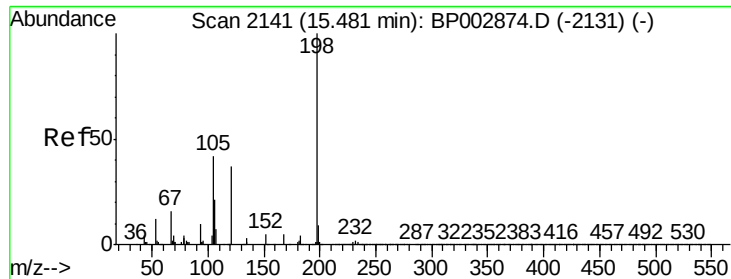
Tot Ion:138 Resp: 161
Ion Ratio Lower Upper
138 100
92 56.4 21.2 61.2
108 61.5 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion:188 Resp: 1327254
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 8.9 7.0 10.6

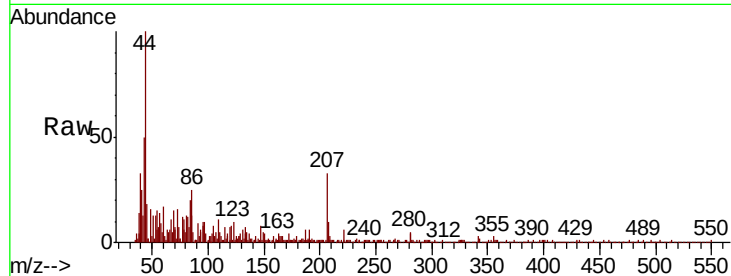




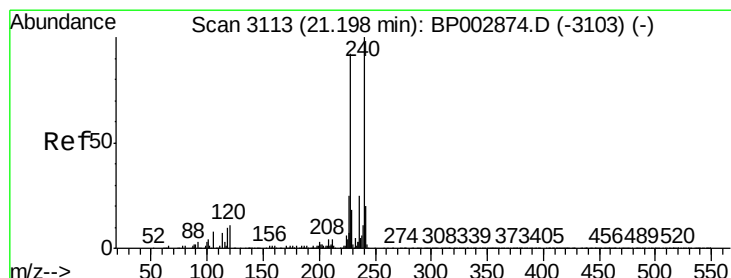
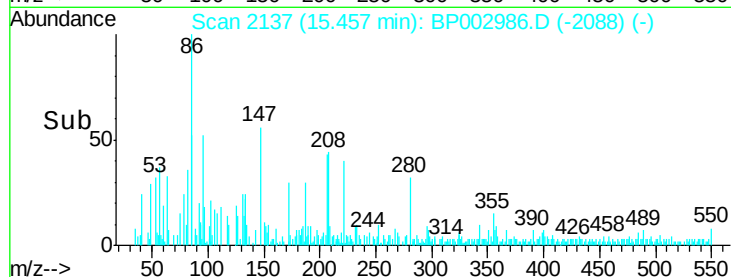
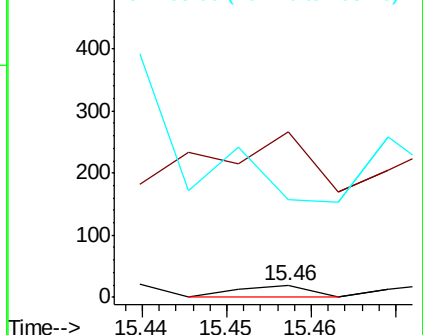
#65
4,6-Dinitro-2-methylphenol
Concen: 6.902 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Instrument :
BNA_P
ClientSampleId :
TR-05-081120

Tot Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 1483.3 6.5 46.5#
105 877.8 20.4 60.4#

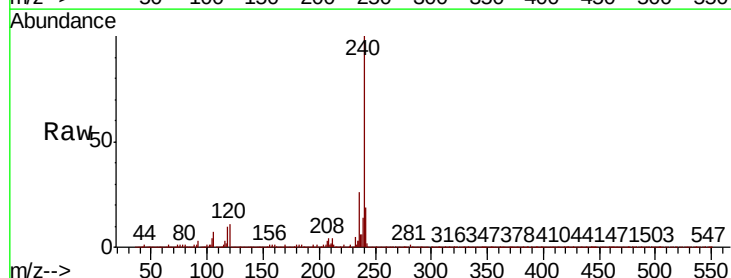


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

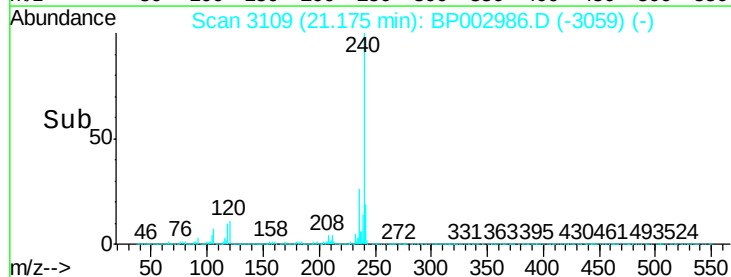
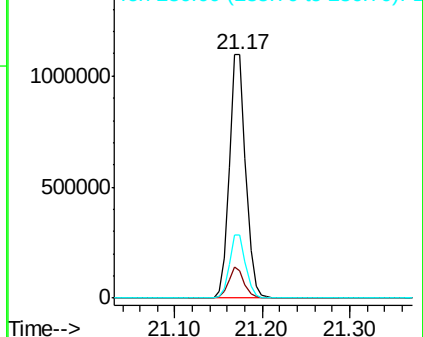


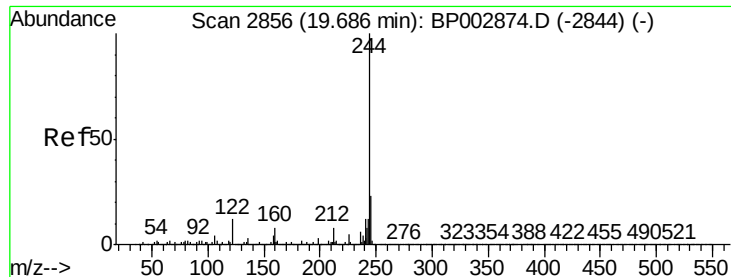
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion:240 Resp: 1389995
Ion Ratio Lower Upper
240 100
120 11.4 10.6 16.0
236 26.2 20.7 31.1



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: 65.255 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Instrument :

BNA_P

ClientSampleId :

TR-05-081120

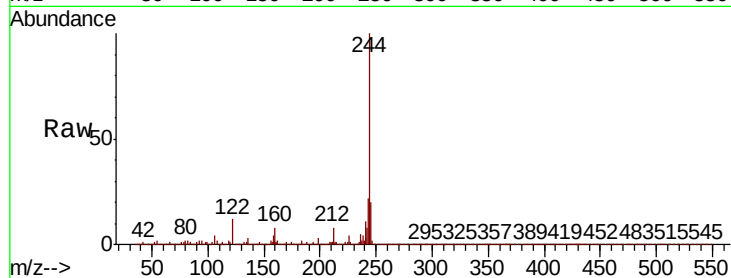
Tot Ion:244 Resp: 4530752

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

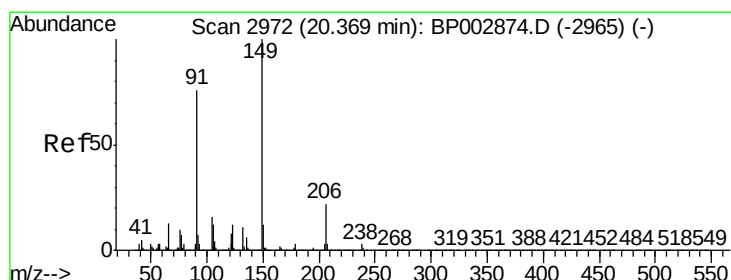
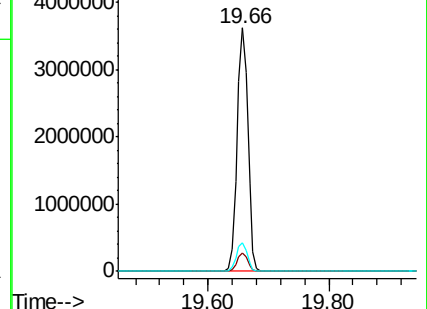
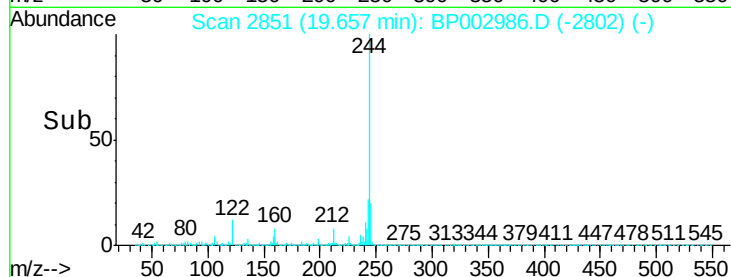
122 12.0 9.9 14.9



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



#80

Butylbenzylphthalate

Concen: 3.224 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

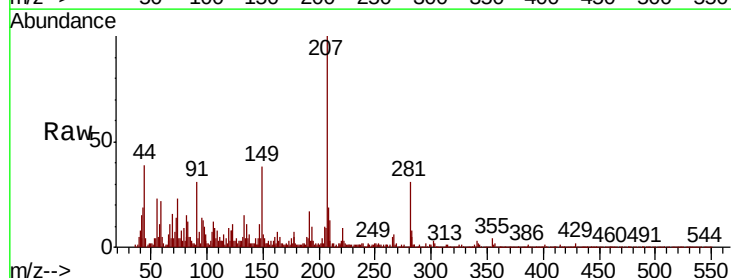
Tgt Ion:149 Resp: 7012

Ion Ratio Lower Upper

149 100

91 82.1 46.5 69.7#

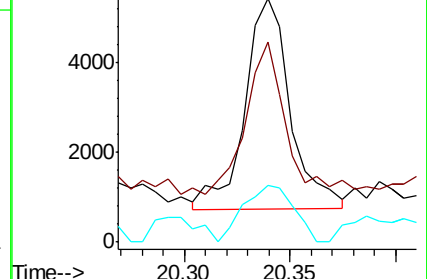
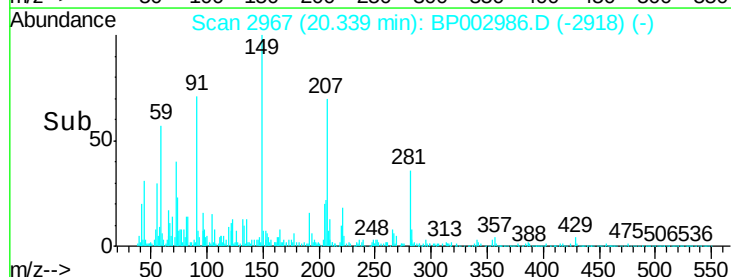
206 23.5 17.2 25.8

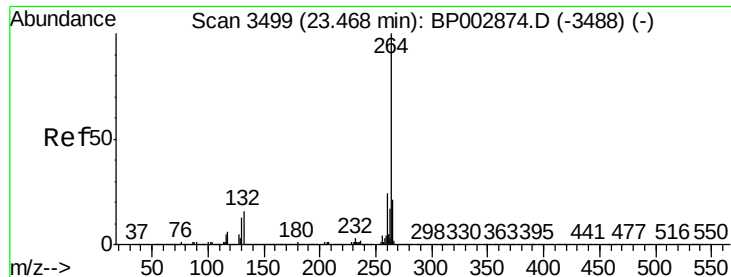


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Instrument :
BNA_P
ClientSampleId :
TR-05-081120

Tot Ion:264 Resp: 1533727

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.5	17.6	26.4

