

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
 Data File : BP002880.D
 Acq On : 30 Jul 2020 17:16
 Operator : CG/JU
 Sample : L3483-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Jul 31 00:43:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	499543	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1874143	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1055105	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2061911	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1992125	20.00	ng	0.00
86) Perylene-d12	23.46	264	2262459	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3181733	97.48	ng	0.00
7) Phenol-d6	6.89	99	3589140	79.20	ng	0.00
23) Nitrobenzene-d5	8.86	82	2760294	79.77	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1444651	110.16	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5894949	76.34	ng	0.00
79) Terphenyl-d14	19.69	244	7619833	76.57	ng	0.00

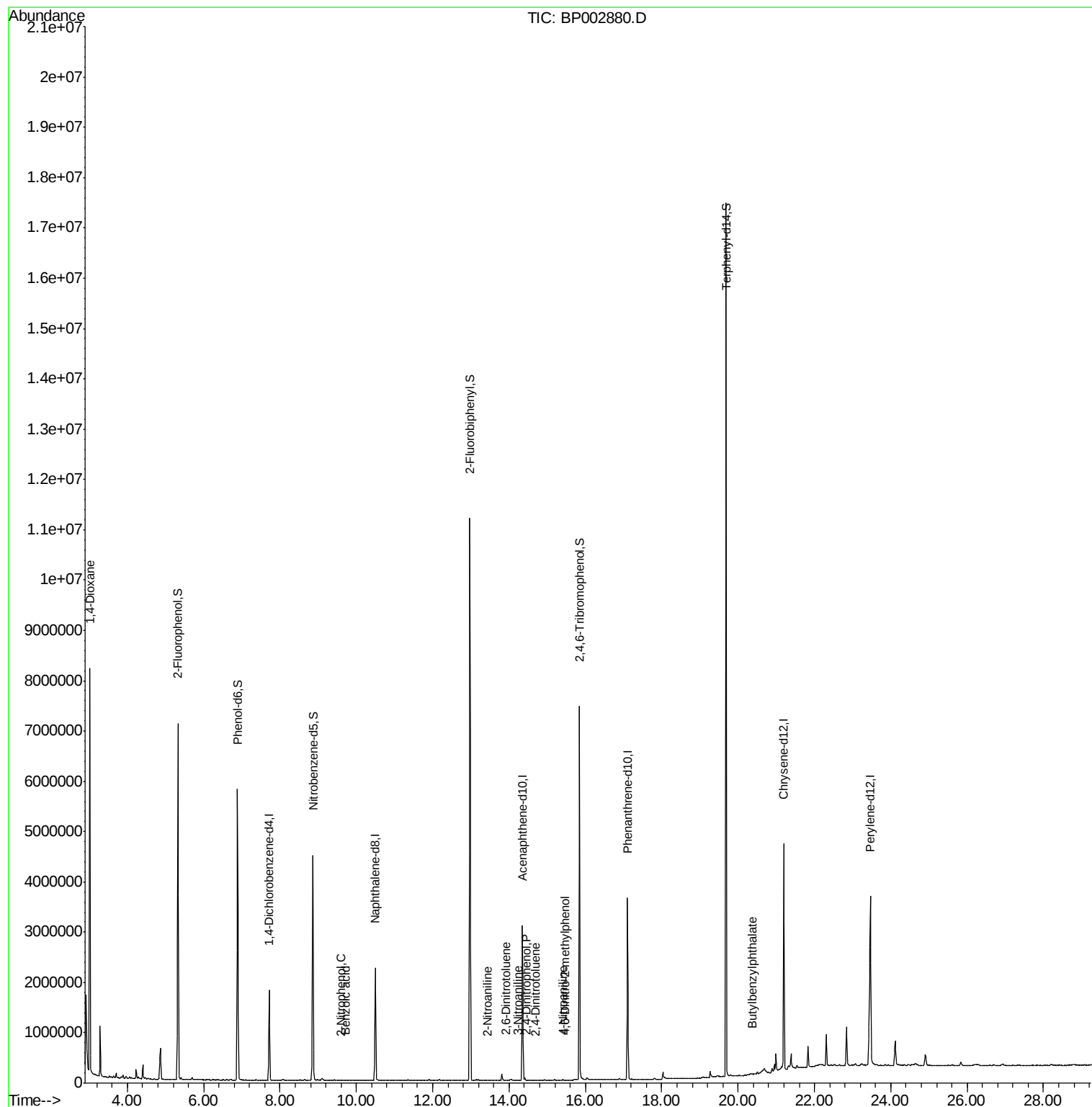
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	60228	4.299	ng	# 1
26) 2-Nitrophenol	9.58	139	186	4.531	ng	# 1
32) Benzoic acid	9.72	122	4562	7.906	ng	94
48) 2-Nitroaniline	13.42	65	215	3.983	ng	# 40
51) 2,6-Dinitrotoluene	13.92	165	457	2.922	ng	# 77
53) 3-Nitroaniline	14.24	138	201	3.283	ng	# 27
54) 2,4-Dinitrophenol	14.45	184	45	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	314	3.818	ng	# 59
62) 4-Nitroaniline	15.42	138	149	2.423	ng	# 80
65) 4,6-Dinitro-2-methylphenol	15.48	198	211	6.917	ng	# 1
80) Butylbenzylphthalate	20.37	149	3963	3.123	ng	# 83

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

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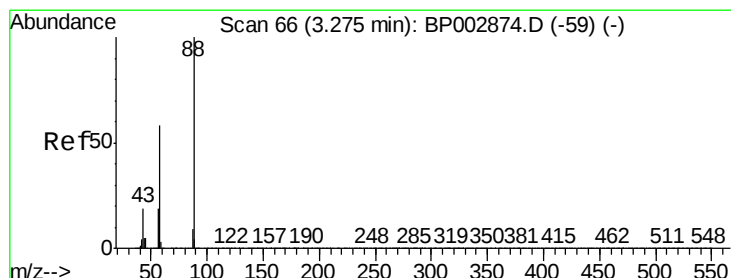
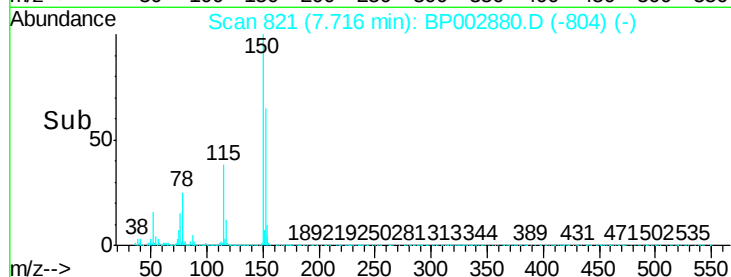
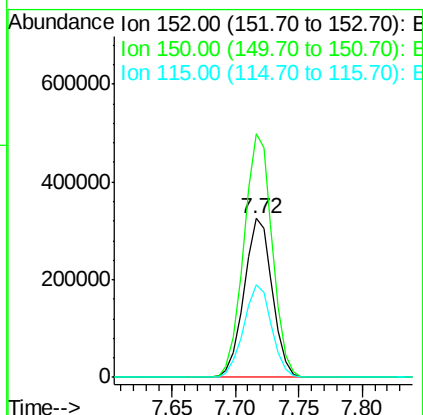
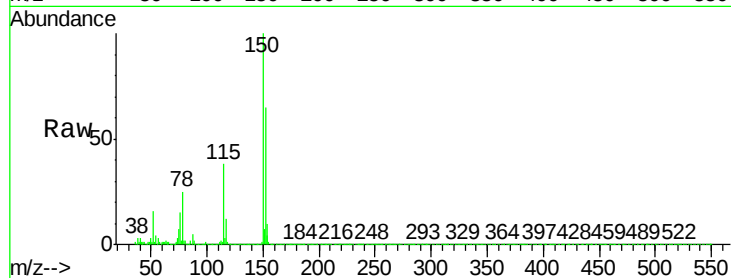


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Instrument :
BNA_P
ClientSampleId :
S-1

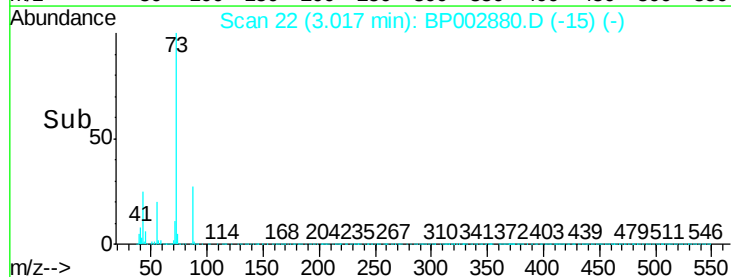
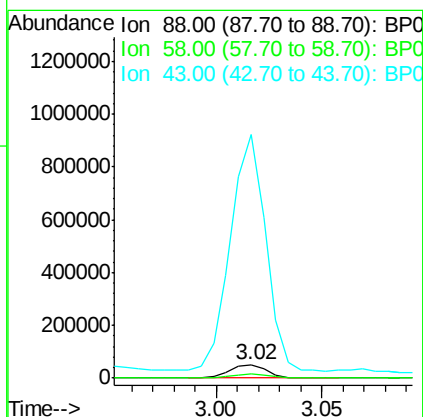
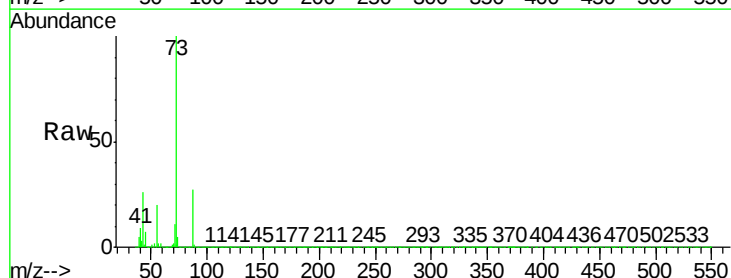
Tot Ion:152 Resp: 499543
Ion Ratio Lower Upper
152 100
150 153.3 124.8 187.2
115 57.9 47.4 71.2

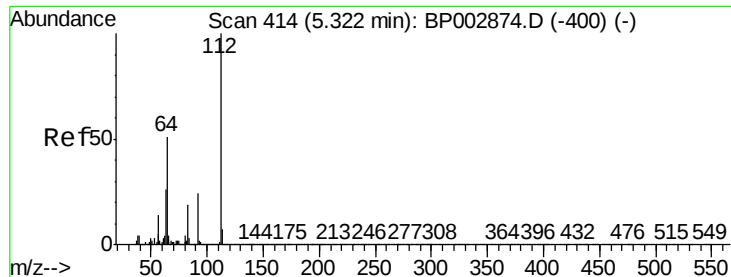


#2

1,4-Dioxane
Concen: 4.299 ng
RT: 3.02 min Scan# 22
Delta R.T. -0.26 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Tgt Ion: 88 Resp: 60228
Ion Ratio Lower Upper
88 100
58 25.1 47.4 71.0#
43 1723.2 15.2 22.8#





#5

2-Fluorophenol

Concen: 97.482 ng

RT: 5.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

Instrument :

BNA_P

ClientSampleId :

S-1

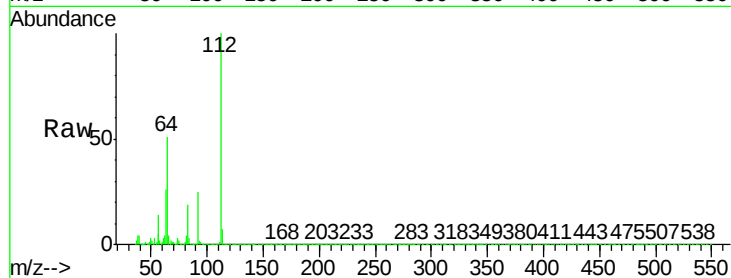
Tot Ion: 112 Resp: 3181733

Ion Ratio Lower Upper

112 100

64 51.4 41.0 61.6

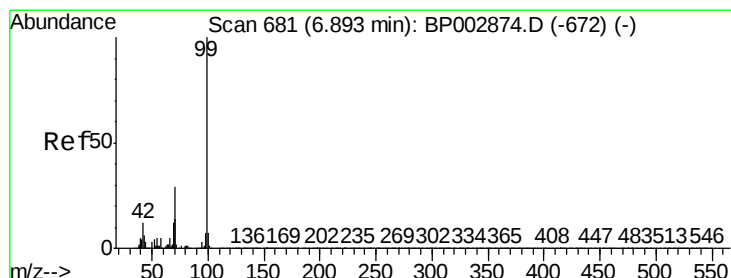
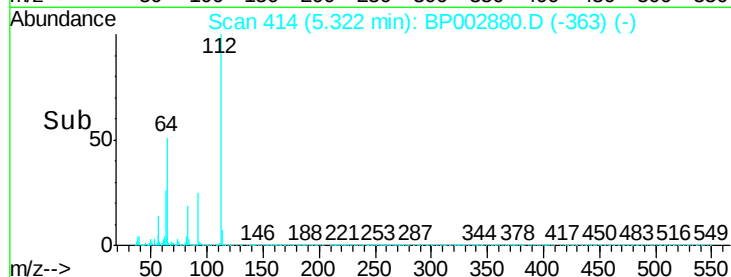
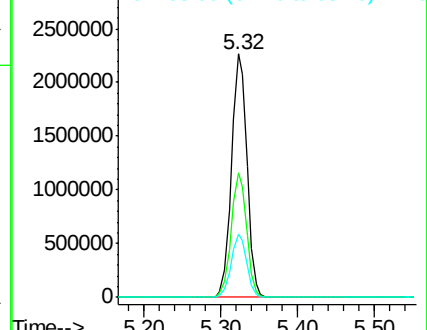
63 26.2 20.7 31.1



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: 79.204 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

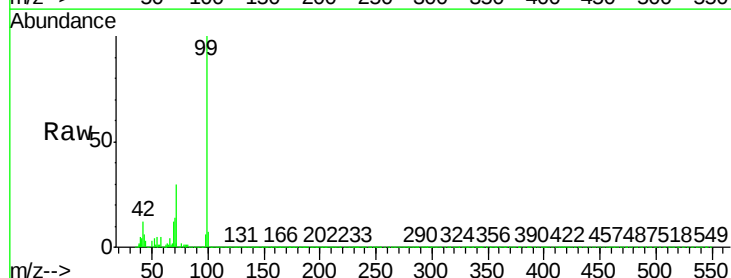
Tgt Ion: 99 Resp: 3589140

Ion Ratio Lower Upper

99 100

42 11.8 9.3 13.9

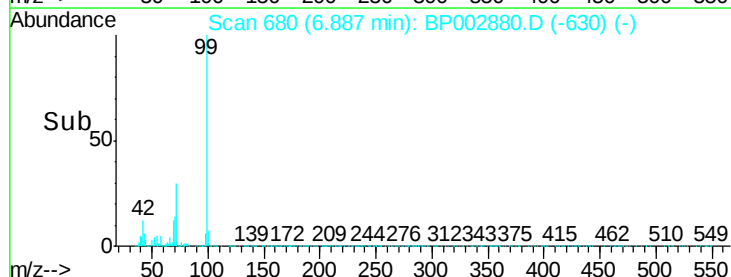
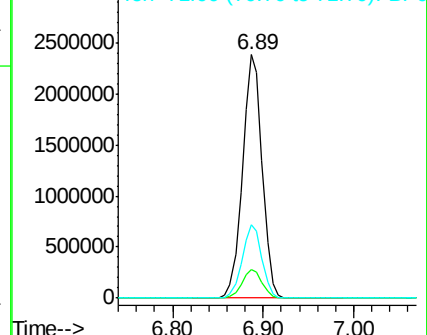
71 30.1 23.5 35.3

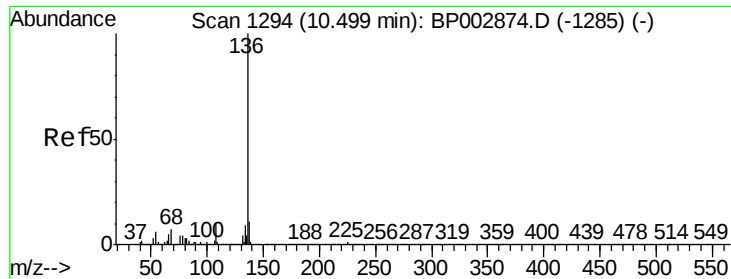


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



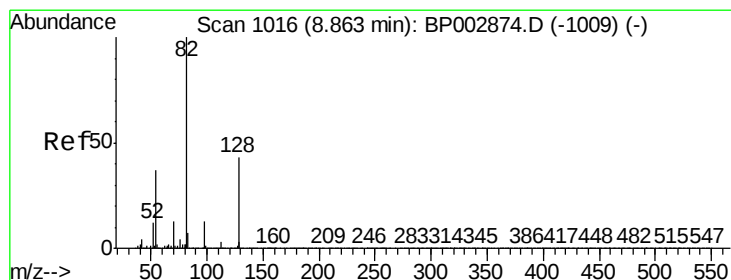
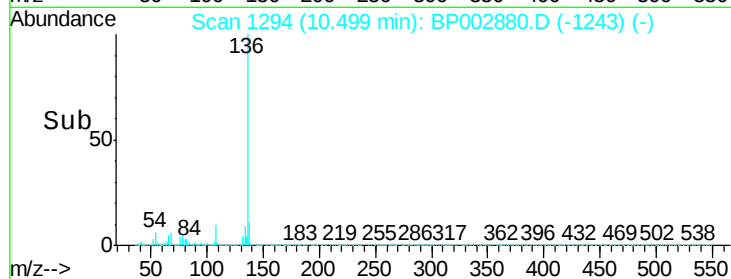
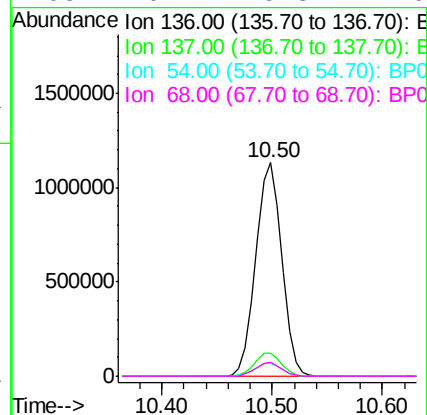
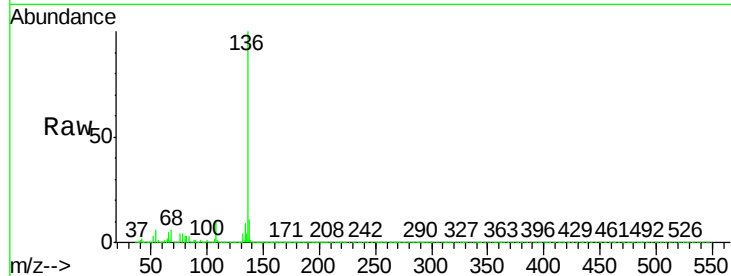


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Instrument :
BNA_P
ClientSampleId :
S-1

Tot Ion:136 Resp: 1874143

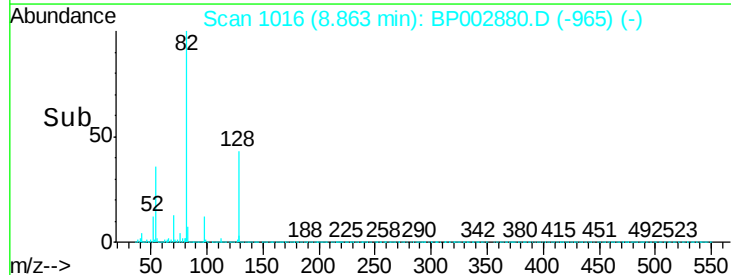
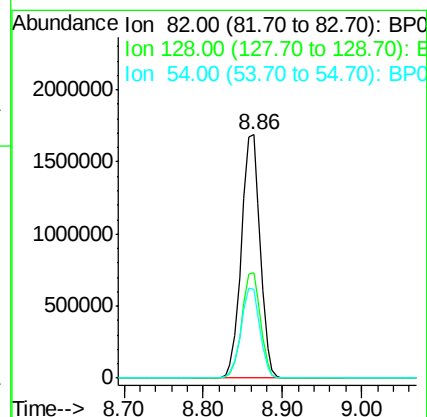
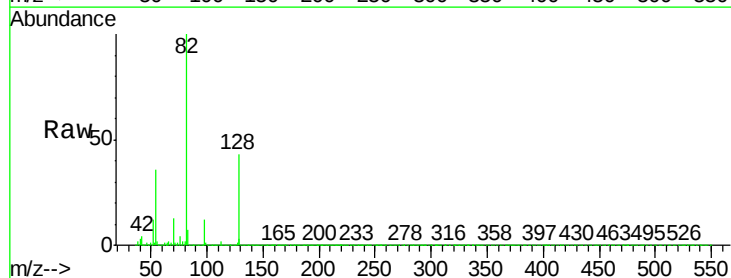
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.2	5.1	7.7
68	6.4	5.3	7.9

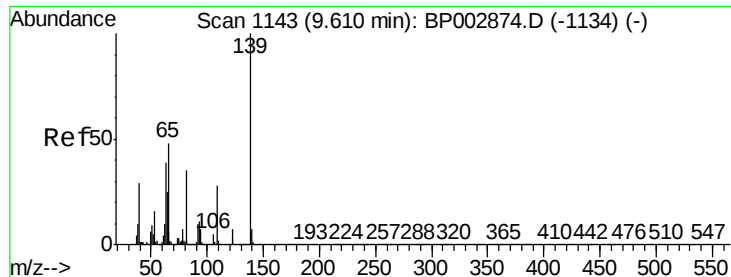


#23
Nitrobenzene-d5
Concen: 79.772 ng
RT: 8.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Tgt Ion: 82 Resp: 2760294

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	36.2	29.5	44.3

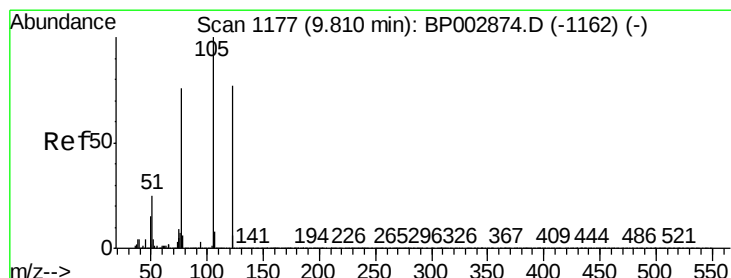
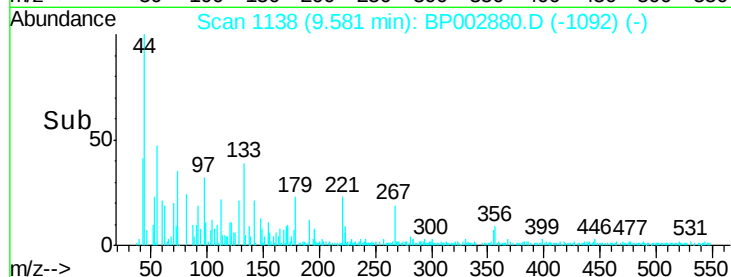
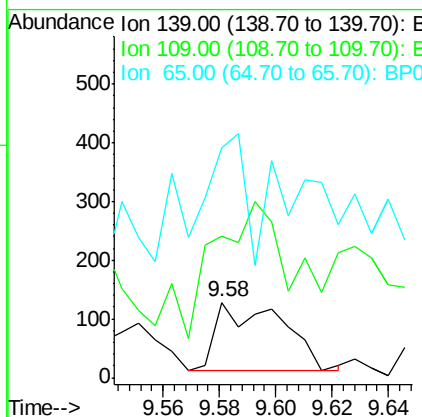
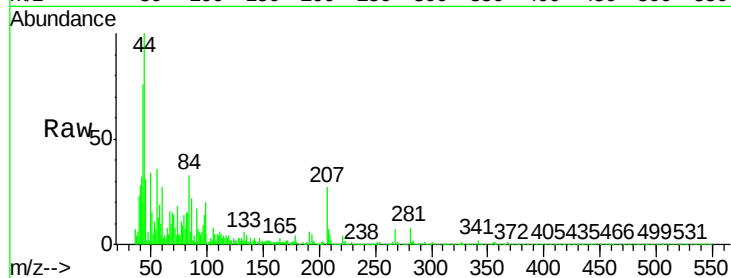




#26
2-Nitrophenol
Concen: 4.531 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

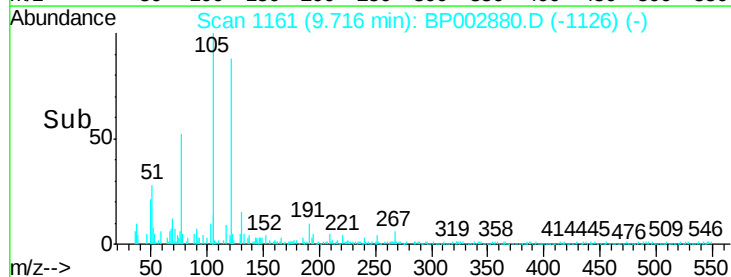
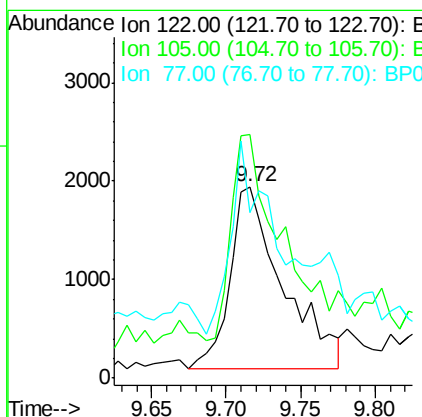
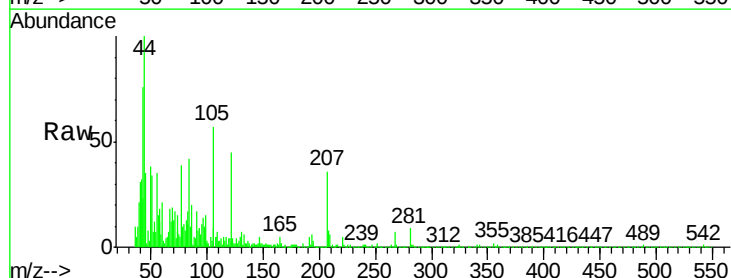
Instrument :
BNA_P
ClientSampled :
S-1

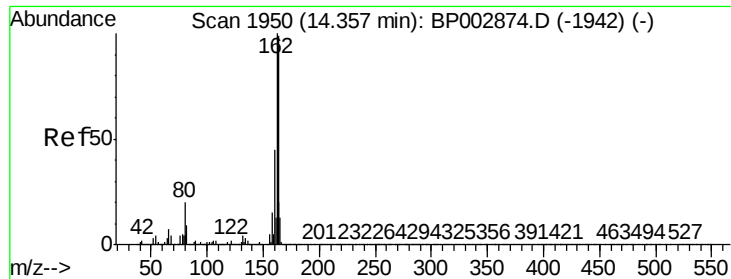
Tot Ion	Ratio	Lower	Upper
139	100		
109	187.5	22.2	33.2#
65	306.3	38.9	58.3#



#32
Benzoic acid
Concen: 7.906 ng
RT: 9.72 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	103.4	143.4
77	86.3	74.6	114.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

Instrument :

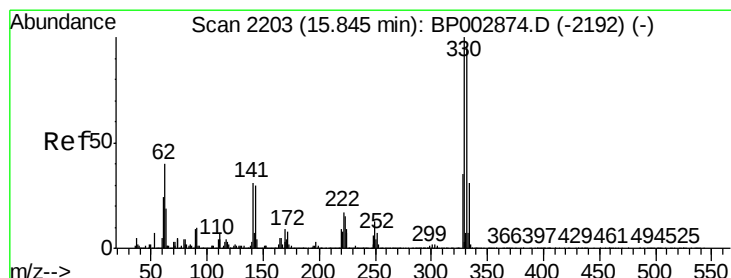
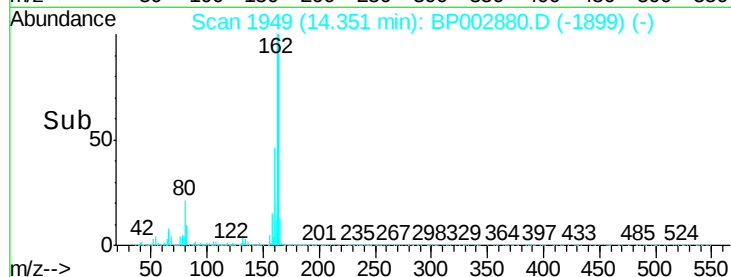
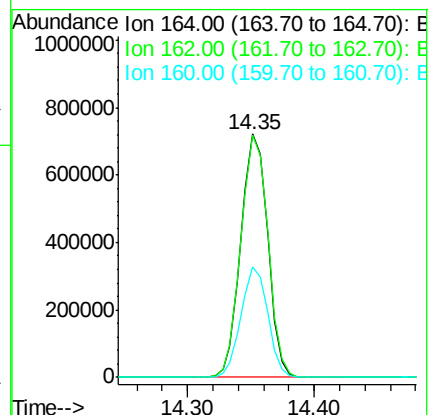
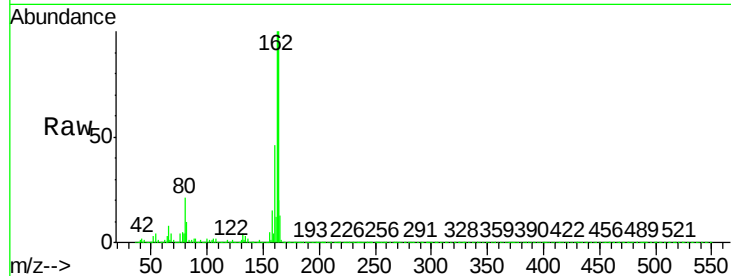
BNA_P

ClientSampleId :

S-1

Tot Ion:164 Resp: 1055105

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	45.6	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 110.163 ng

RT: 15.85 min Scan# 2203

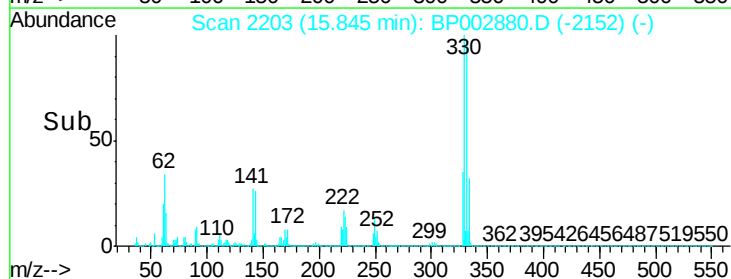
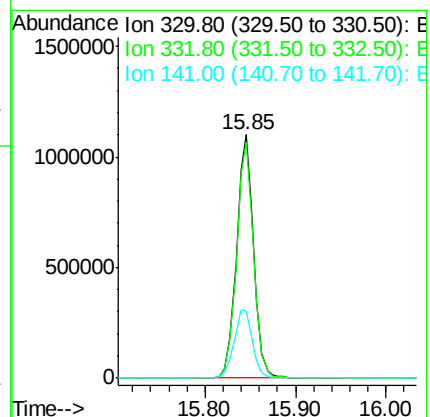
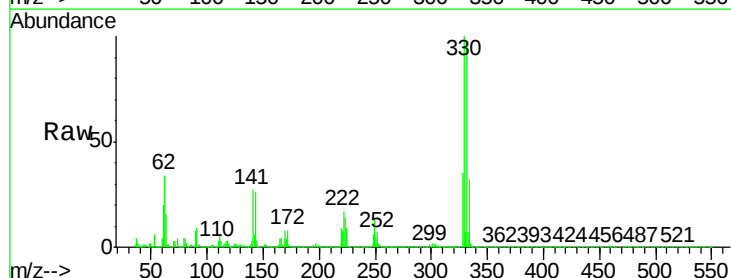
Delta R.T. -0.00 min

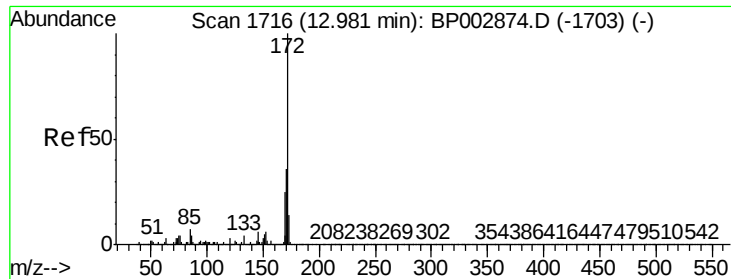
Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

Tgt Ion:330 Resp: 1444651

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	30.2	24.6	37.0

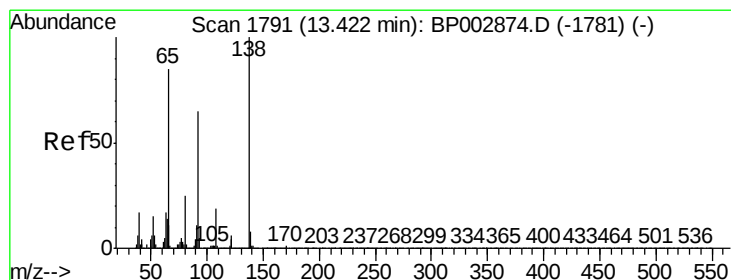
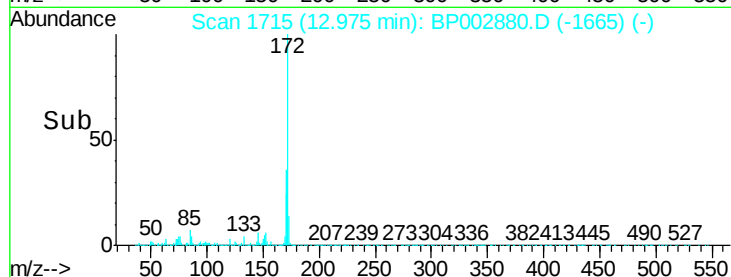
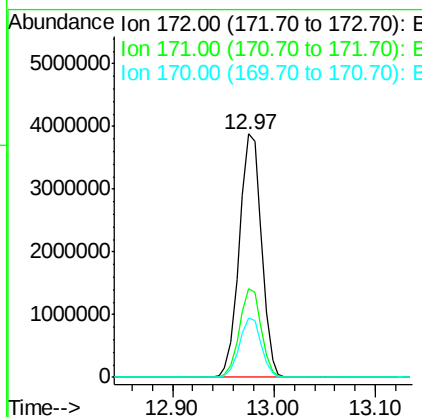
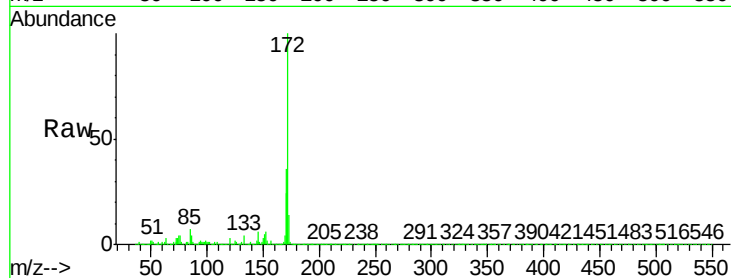




#45
2-Fluorobiphenyl
Concen: 76.336 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

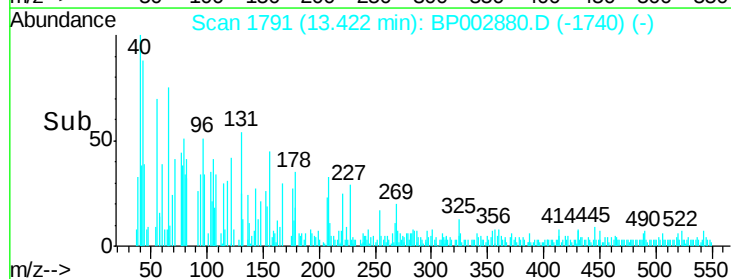
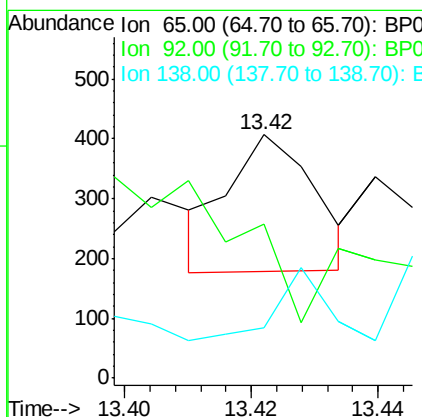
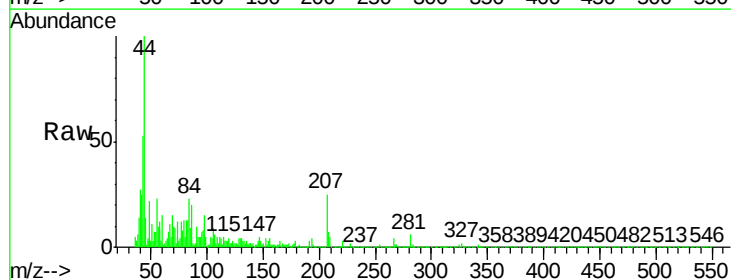
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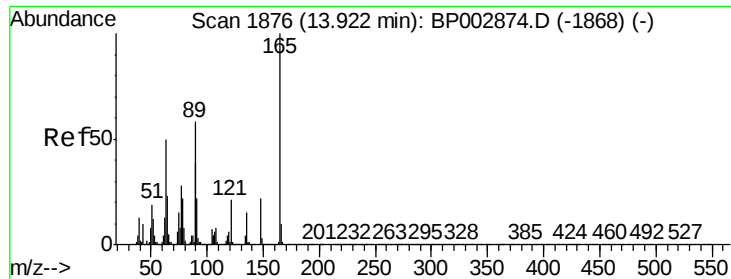
Tot Ion:172 Resp: 5894949
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.3 19.6 29.4



#48
2-Nitroaniline
Concen: 3.983 ng
RT: 13.42 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Tgt Ion: 65 Resp: 215
Ion Ratio Lower Upper
65 100
92 63.1 61.4 92.0
138 20.9 94.2 141.4#





#51

2,6-Dinitrotoluene

Concen: 2.922 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

Instrument :

BNA_P

ClientSampled :

S-1

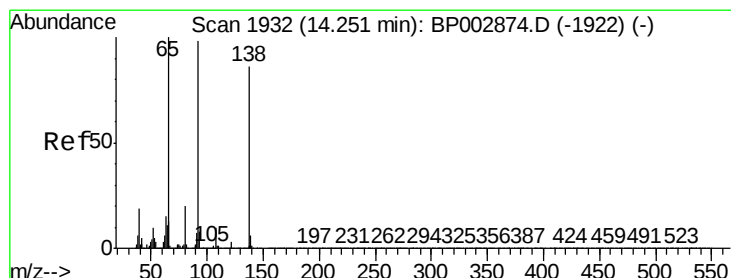
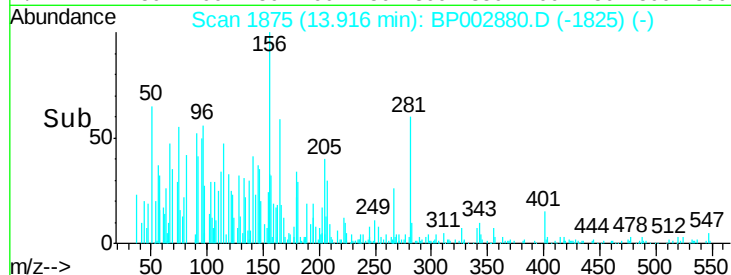
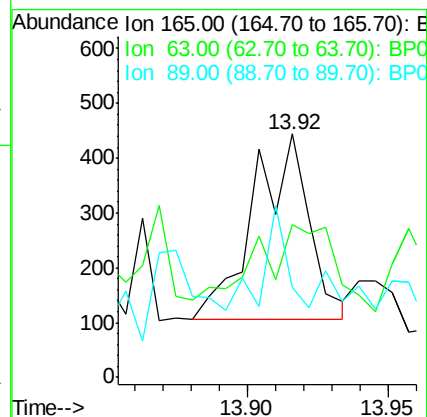
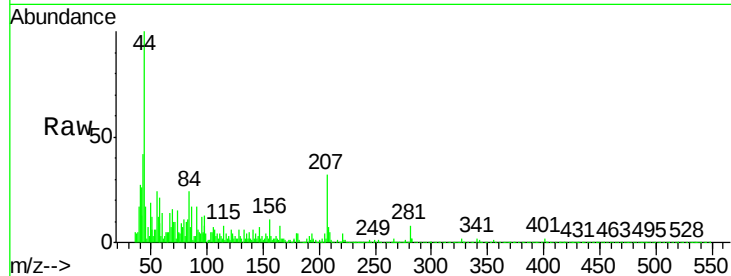
Tot Ion:165 Resp: 457

Ion Ratio Lower Upper

165 100

63 62.6 40.3 60.5#

89 37.2 46.5 69.7#



#53

3-Nitroaniline

Concen: 3.283 ng

RT: 14.24 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

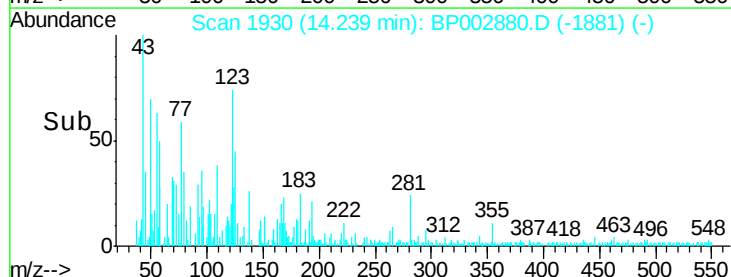
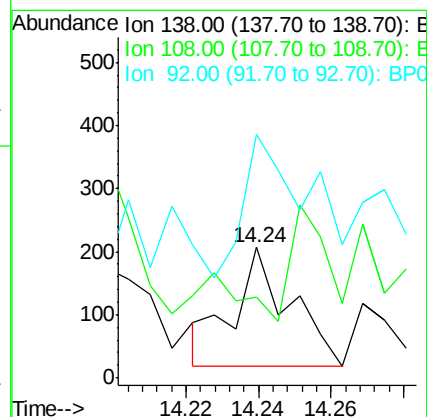
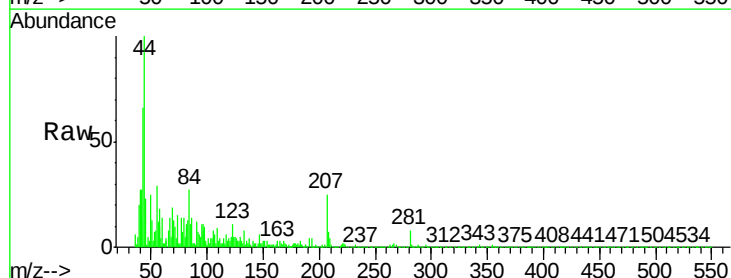
Tgt Ion:138 Resp: 201

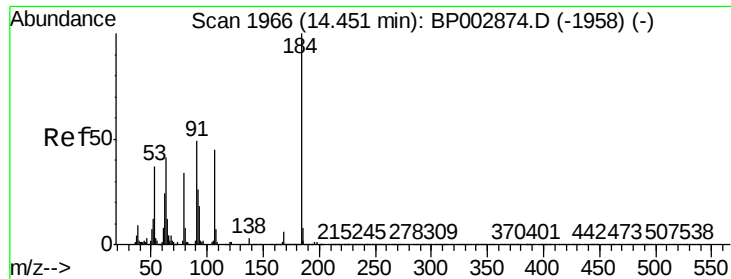
Ion Ratio Lower Upper

138 100

108 62.3 9.4 14.0#

92 186.5 91.0 136.6#

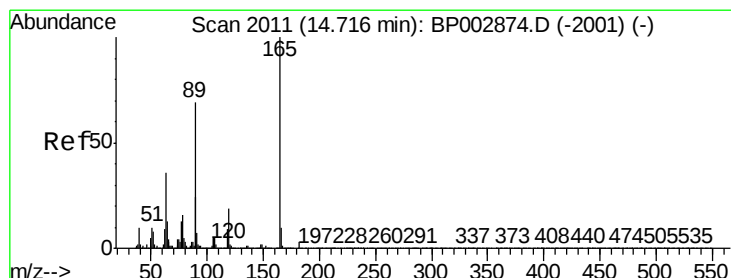
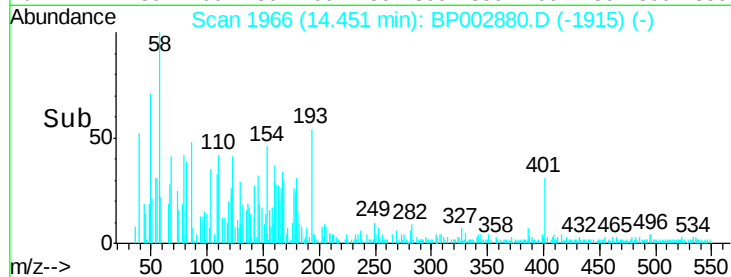
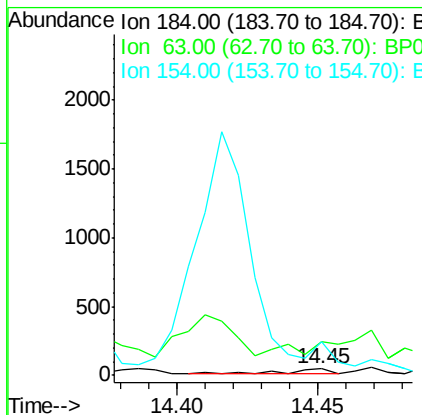
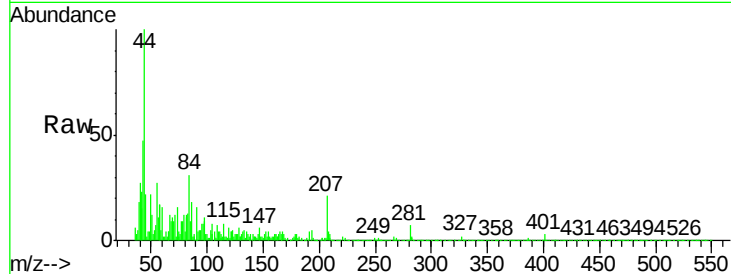




#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

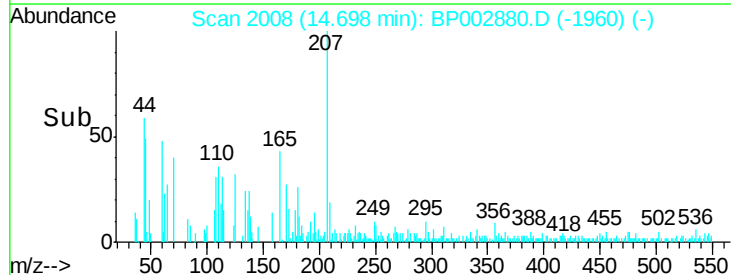
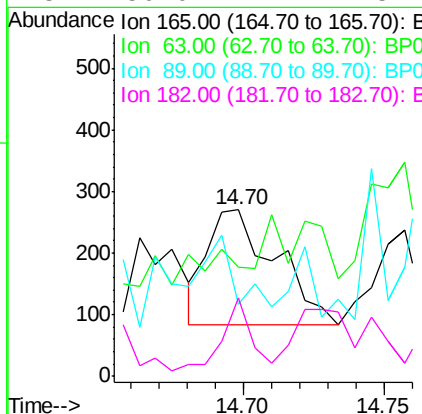
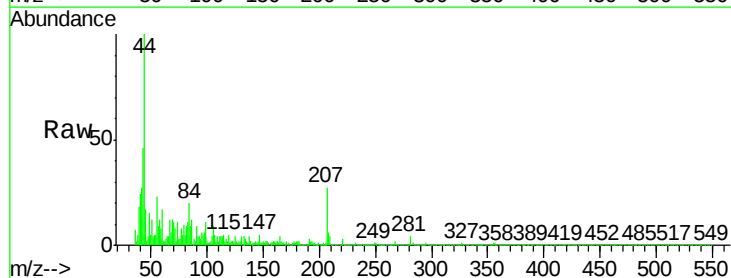
Instrument :
BNA_P
ClientSampled :
S-1

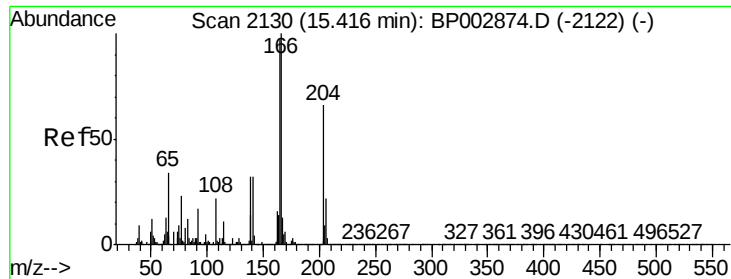
Tot Ion:184 Resp: 45
Ion Ratio Lower Upper
184 100
63 514.9 50.3 75.5#
154 517.0 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.818 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Tgt Ion:165 Resp: 314
Ion Ratio Lower Upper
165 100
63 65.6 29.0 43.4#
89 43.3 55.5 83.3#
182 50.0 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.423 ng

RT: 15.42 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

Instrument :

BNA_P

ClientSampled :

S-1

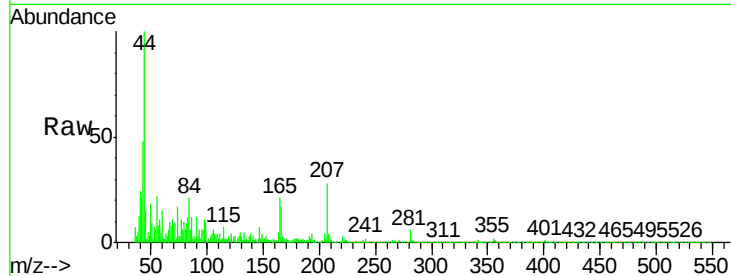
Tot Ion:138 Resp: 149

Ion Ratio Lower Upper

138 100

92 69.1 32.2 72.2

108 83.9 50.0 90.0

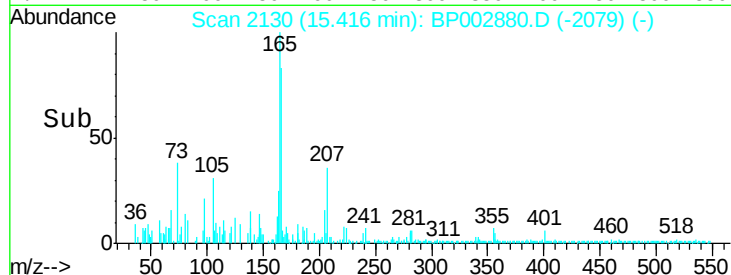


Abundance Ion 138.00 (137.70 to 138.70): E

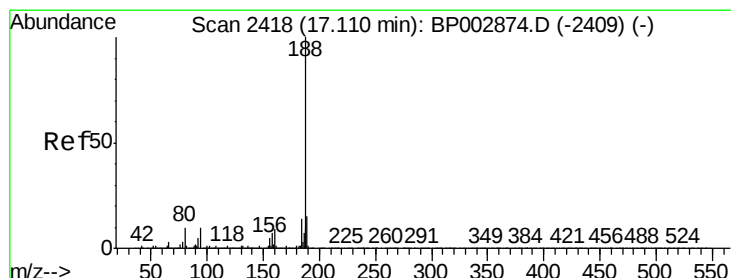
Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

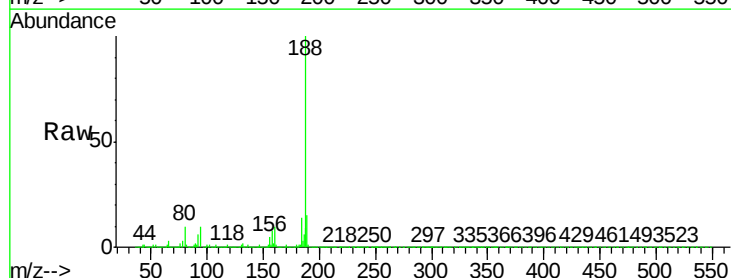
Tgt Ion:188 Resp: 2061911

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.5 8.0 12.0

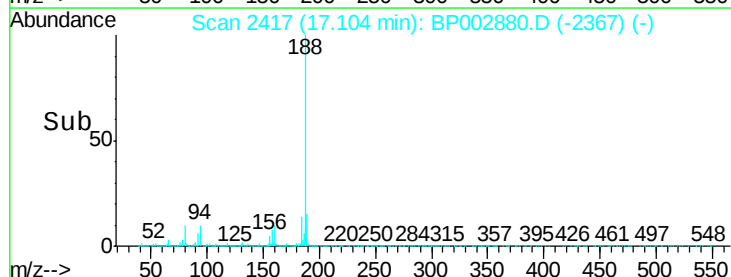


Abundance Ion 188.00 (187.70 to 188.70): E

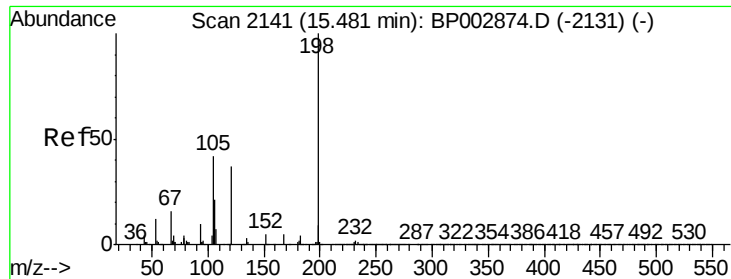
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

Time-->



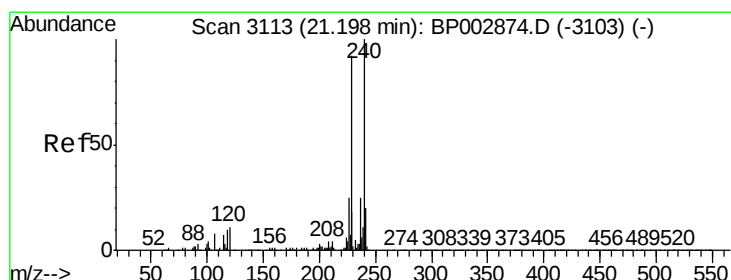
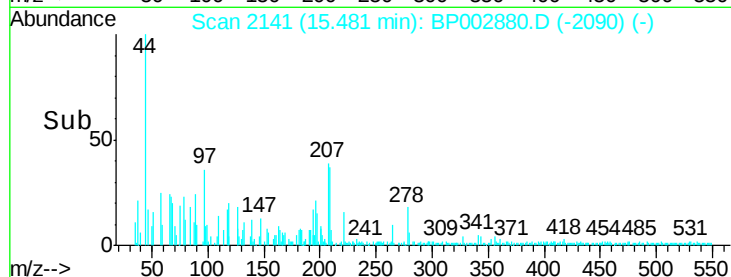
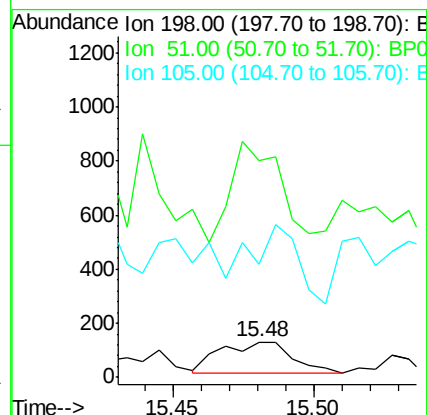
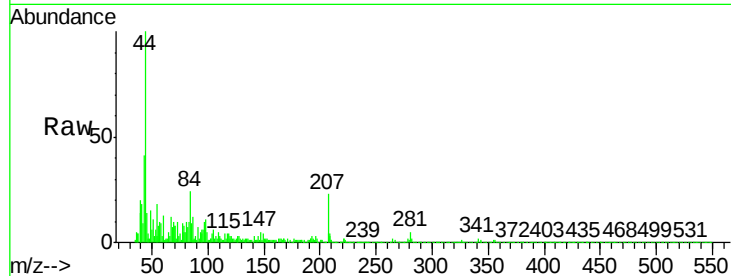
Time-->



#65
4,6-Dinitro-2-methylphenol
Concen: 6.917 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

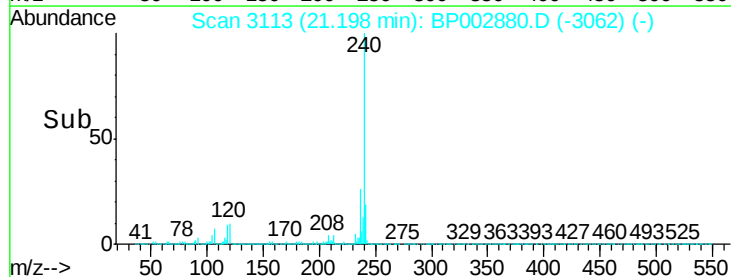
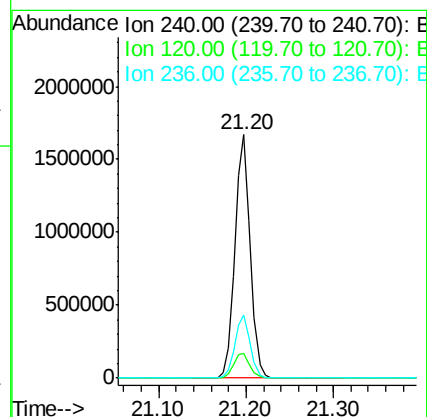
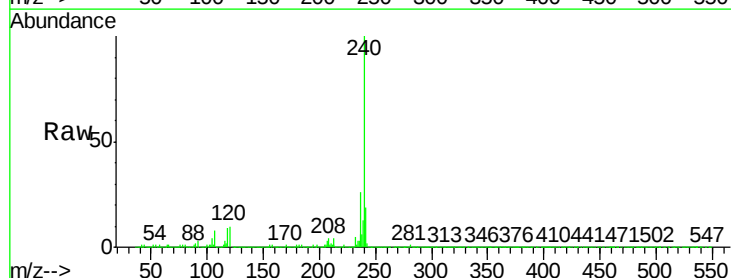
Instrument :
BNA_P
ClientSampleId :
S-1

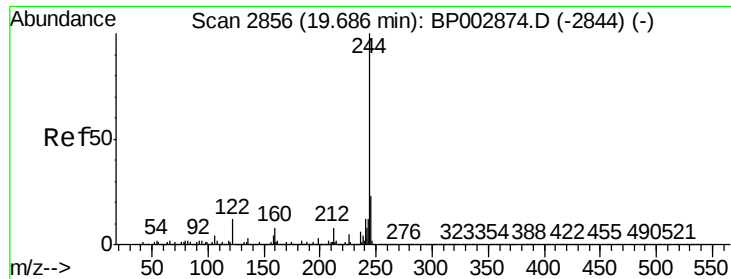
Tot Ion:198 Resp: 211
Ion Ratio Lower Upper
198 100
51 611.5 11.6 51.6#
105 318.3 23.8 63.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Tgt Ion:240 Resp: 1992125
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 76.574 ng

RT: 19.69 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

Instrument :

BNA_P

ClientSampleId :

S-1

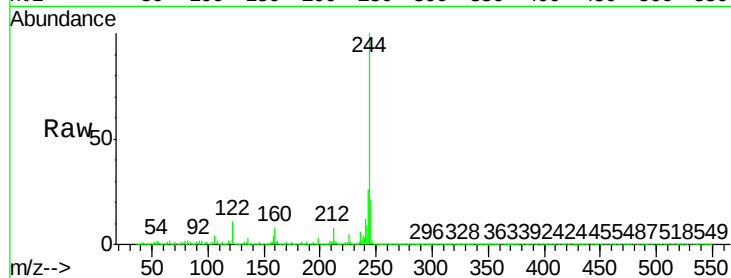
Tot Ion:244 Resp: 7619833

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

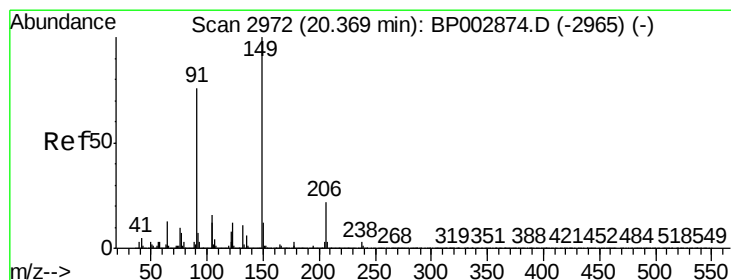
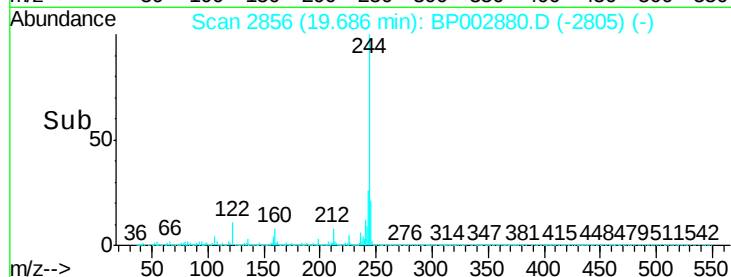
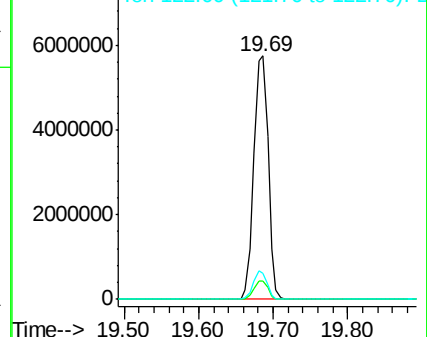
122 10.8 9.4 14.2



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: 3.123 ng

RT: 20.37 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BP002880.D

Acq: 30 Jul 2020 17:16

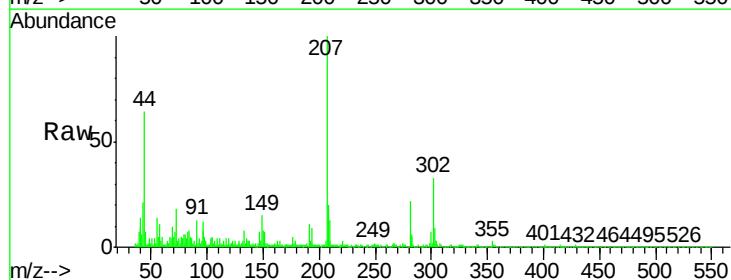
Tgt Ion:149 Resp: 3963

Ion Ratio Lower Upper

149 100

91 91.7 60.5 90.7#

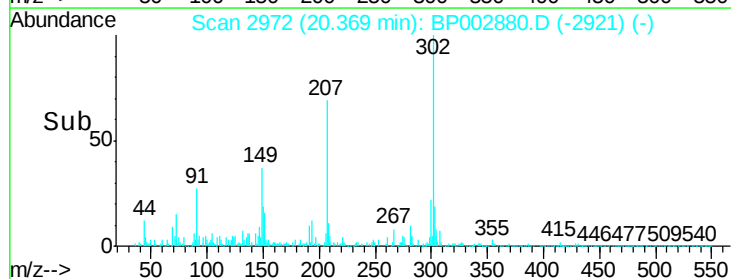
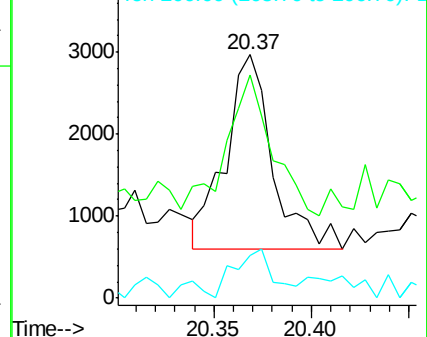
206 17.7 17.5 26.3

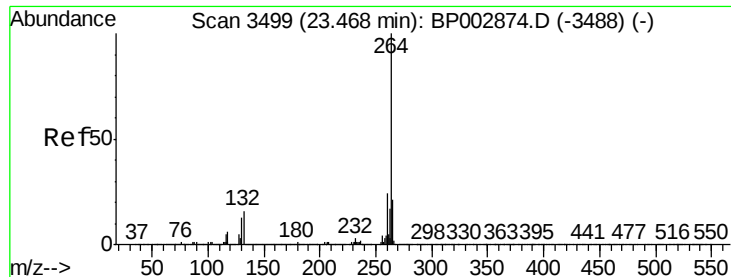


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002880.D
Acq: 30 Jul 2020 17:16

Instrument :
BNA_P
ClientSampleId :
S-1

Tot Ion:264 Resp: 2262459

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.0	17.0	25.4

