

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002903.D
 Acq On : 31 Jul 2020 21:07
 Operator : CG/JU
 Sample : L3518-48
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13

Quant Time: Jul 31 23:21:31 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	560755	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2113593	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1187530	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2322255	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1649960	20.00	ng	0.00
86) Perylene-d12	23.46	264	1717216	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3870115	105.63	ng	0.00
7) Phenol-d6	6.89	99	4387065	86.24	ng	0.00
23) Nitrobenzene-d5	8.86	82	3355663	85.99	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1792508	121.45	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6752940	77.70	ng	0.00
79) Terphenyl-d14	19.68	244	8070327	97.92	ng	0.00

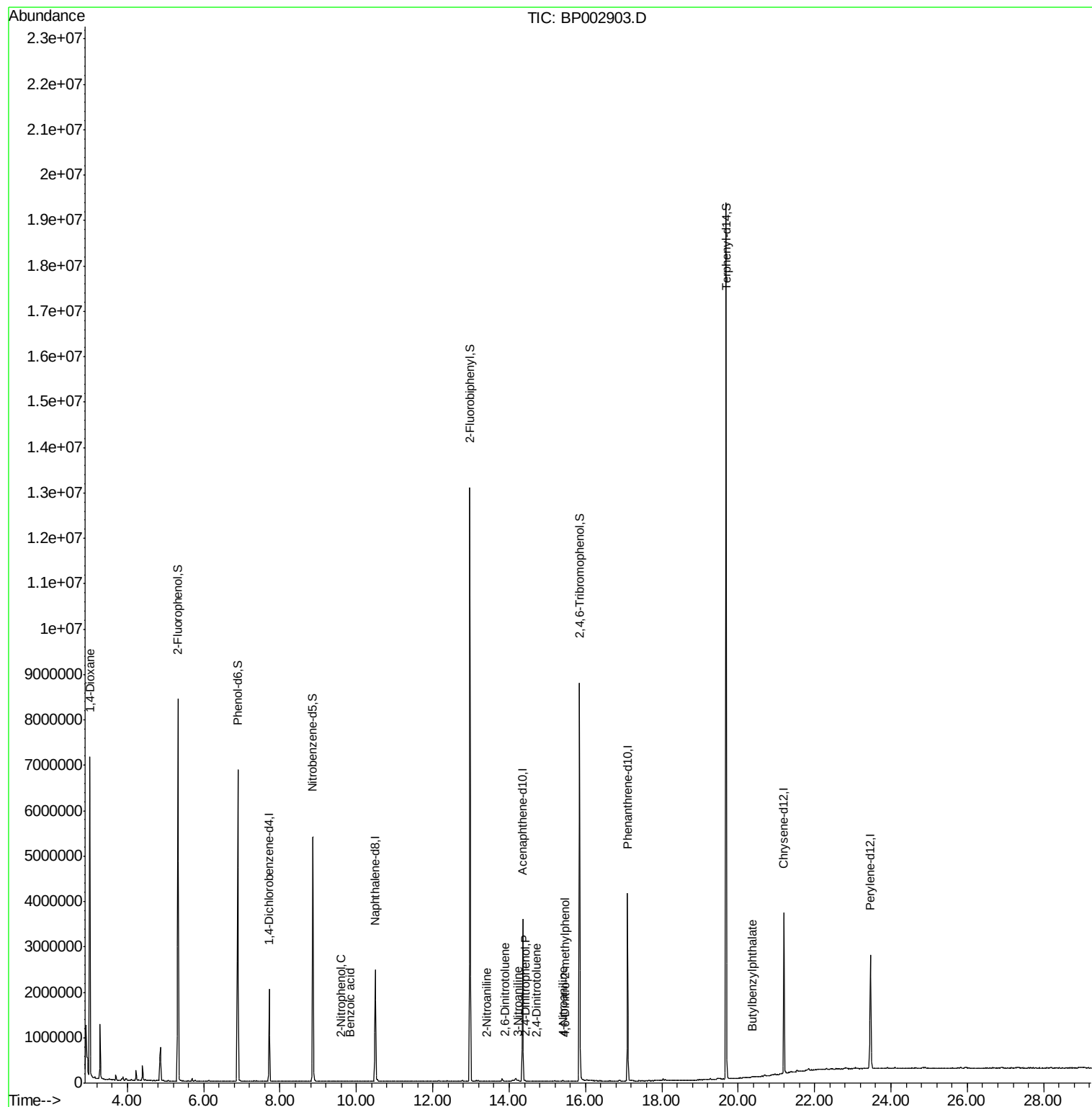
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.02	88	61353	3.901	ng	# 1
26) 2-Nitrophenol	9.59	139	13	4.521	ng	# 1
32) Benzoic acid	9.83	122	807	7.721	ng	# 86
48) 2-Nitroaniline	13.40	65	50	3.974	ng	# 48
51) 2,6-Dinitrotoluene	13.91	165	194	2.908	ng	# 33
53) 3-Nitroaniline	14.23	138	125	3.279	ng	# 87
54) 2,4-Dinitrophenol	14.44	184	4	8.058	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	171	3.812	ng	# 33
62) 4-Nitroaniline	15.40	138	169	2.423	ng	# 51
65) 4,6-Dinitro-2-methylphenol	15.47	198	19	6.902	ng	# 1
80) Butylbenzylphthalate	20.36	149	899	3.076	ng	# 47

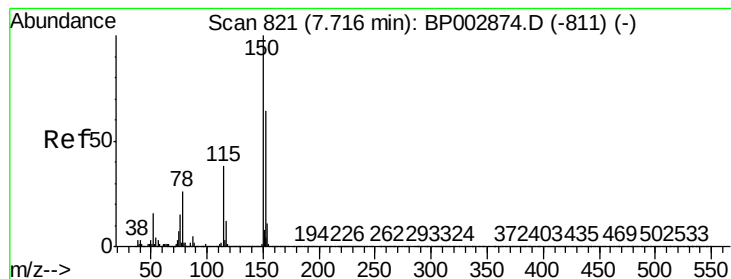
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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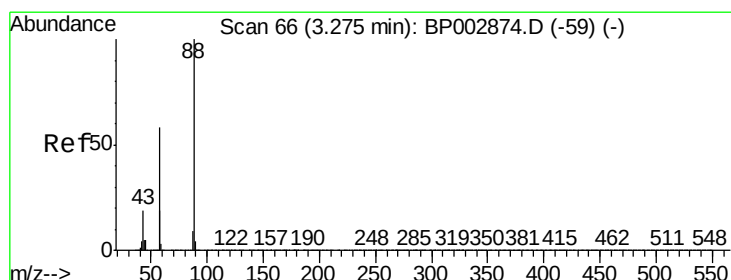
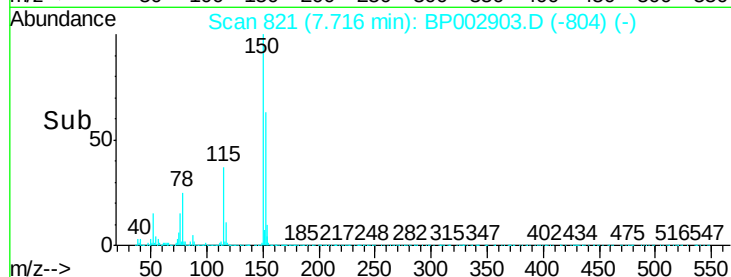
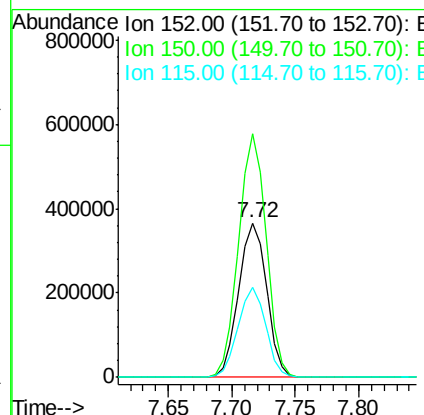
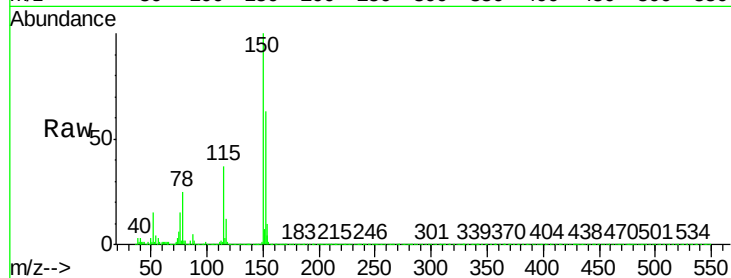


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Instrument :
BNA_P
ClientSampleId :
TP-13

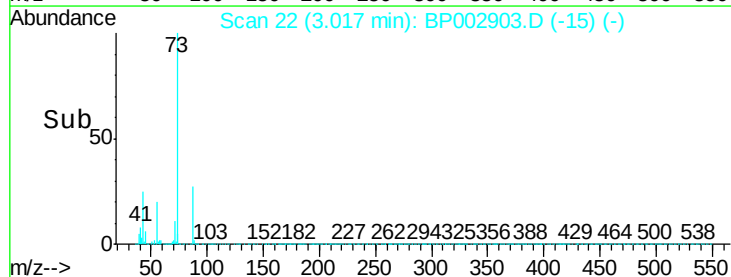
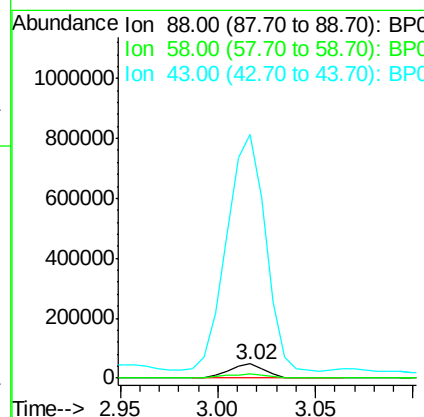
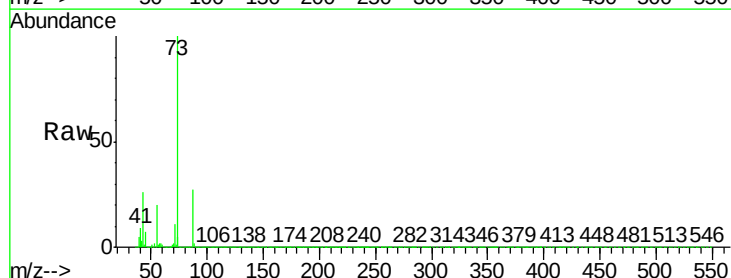
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.8	187.2
115	58.4	47.4	71.2

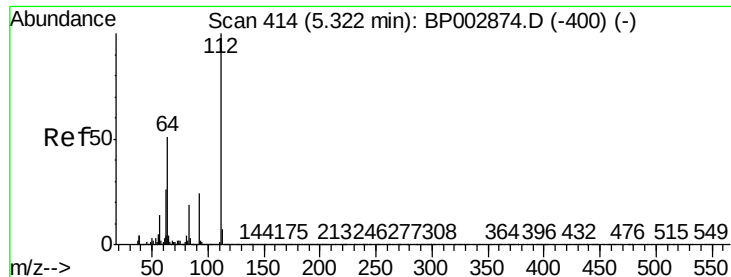


#2

1,4-Dioxane
Concen: 3.901 ng
RT: 3.02 min Scan# 22
Delta R.T. -0.26 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	26.7	47.4	71.0#
43	1758.0	15.2	22.8#





#5

2-Fluorophenol

Concen: 105.629 ng

RT: 5.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

Instrument :

BNA_P

ClientSampleId :

TP-13

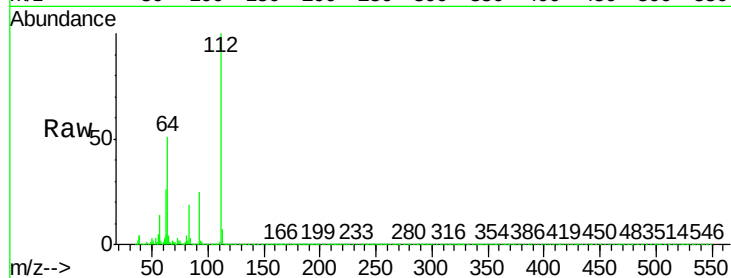
Tot Ion:112 Resp: 3870115

Ion Ratio Lower Upper

112 100

64 51.3 41.0 61.6

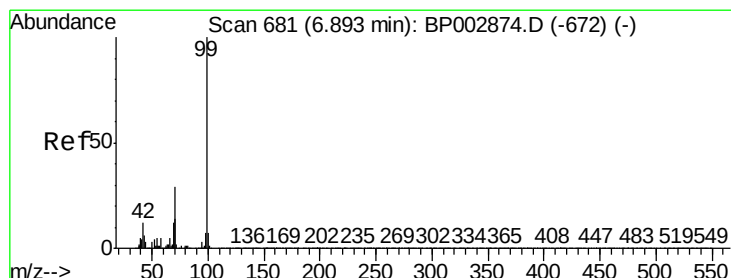
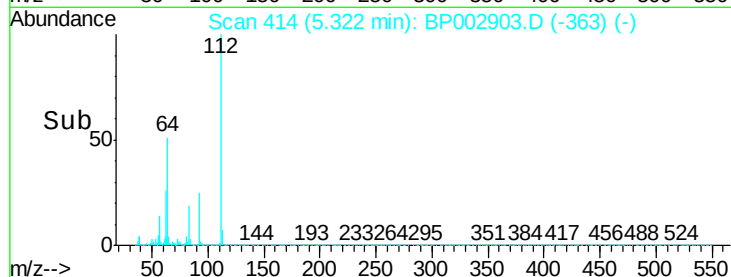
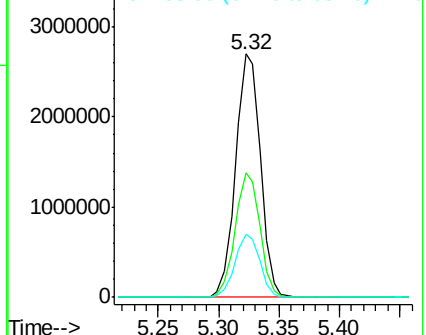
63 26.1 20.7 31.1



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: 86.244 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

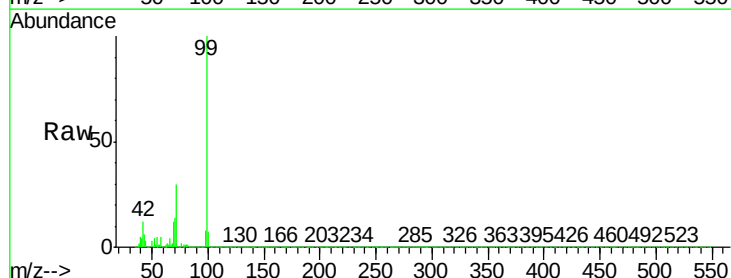
Tgt Ion: 99 Resp: 4387065

Ion Ratio Lower Upper

99 100

42 11.8 9.3 13.9

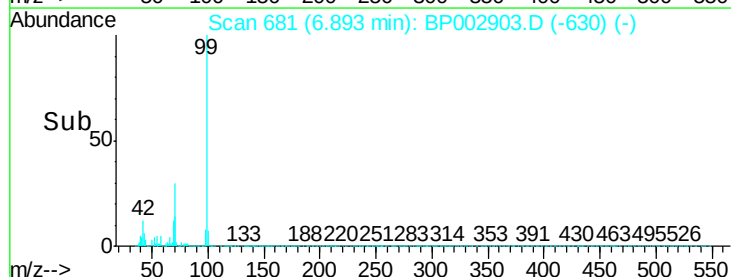
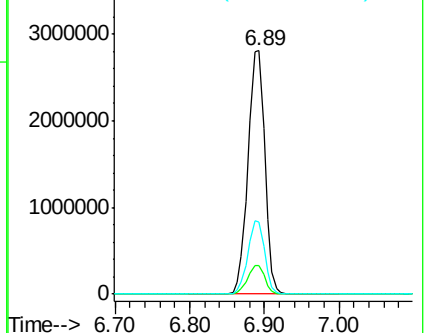
71 29.9 23.5 35.3

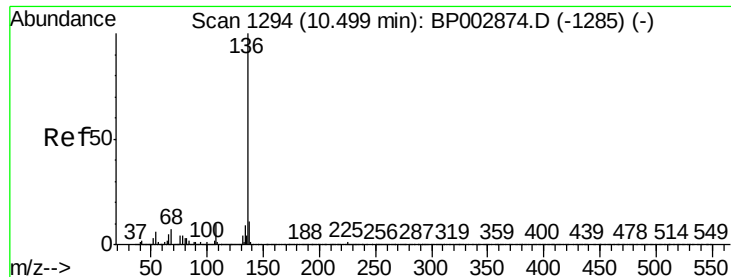


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

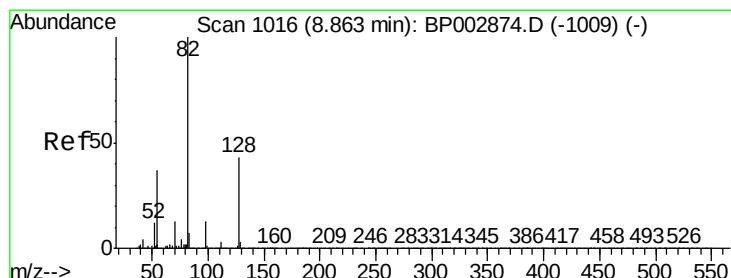
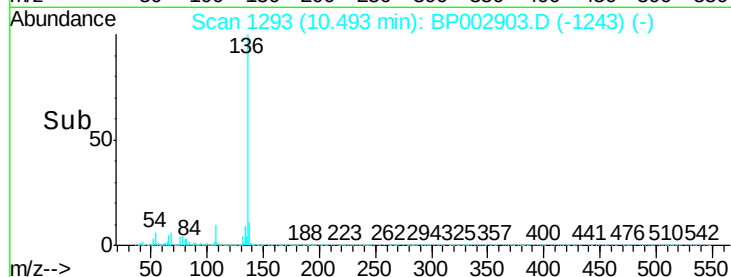
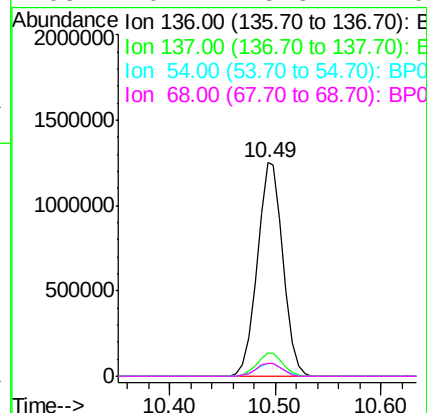
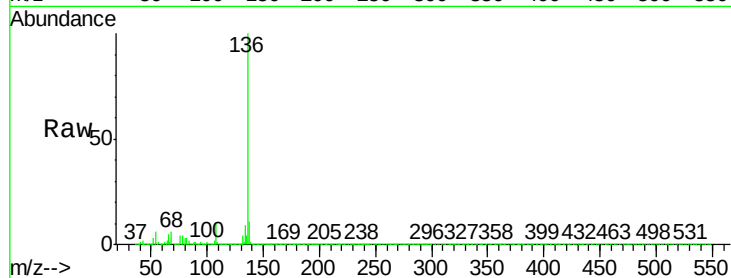




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

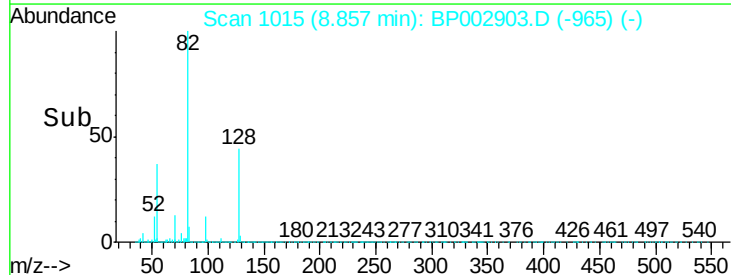
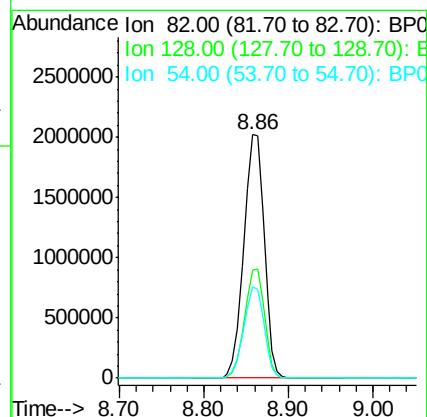
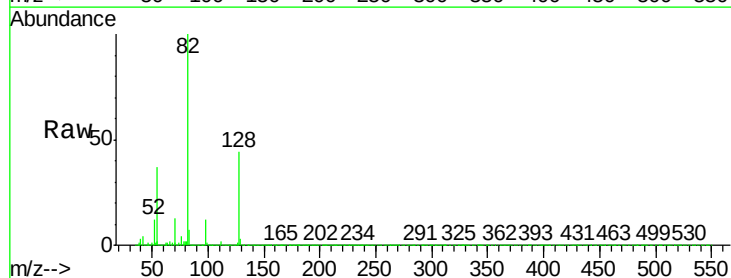
Instrument :
BNA_P
ClientSampleId :
TP-13

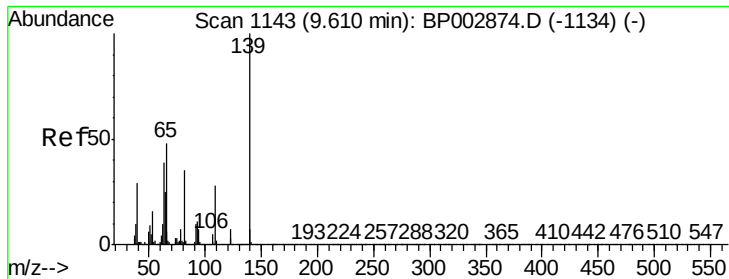
Tot Ion:136	Resp: 2113593
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 6.1	5.1 7.7
68 6.1	5.3 7.9



#23
Nitrobenzene-d5
Concen: 85.991 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Tgt Ion: 82	Resp: 3355663
Ion Ratio	Lower Upper
82 100	
128 44.3	34.6 52.0
54 37.5	29.5 44.3

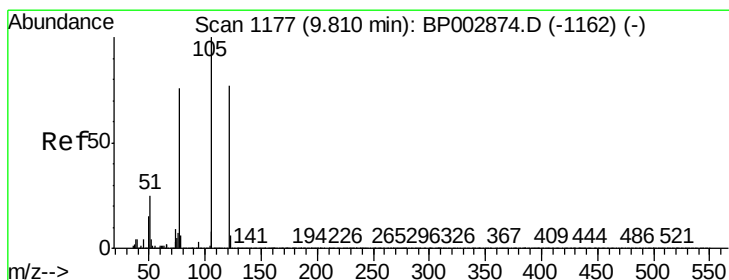
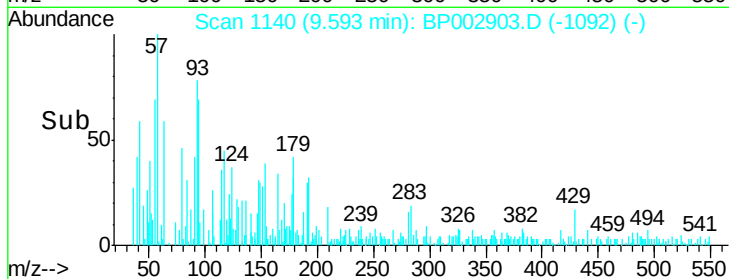
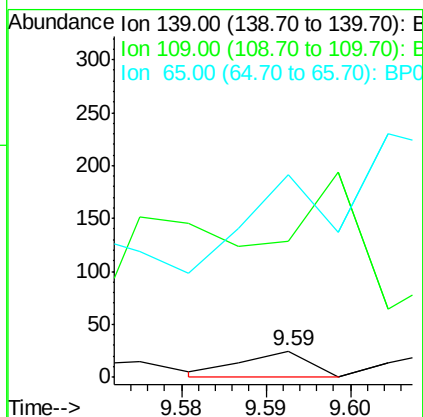
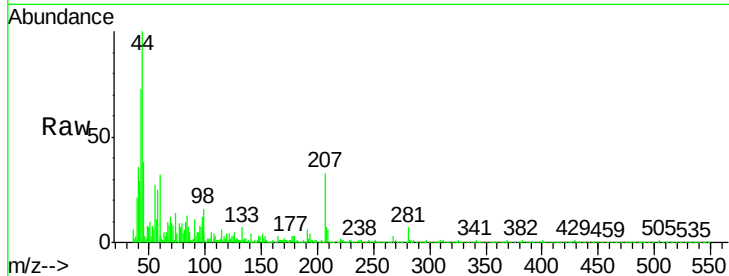




#26
2-Nitrophenol
Concen: 4.521 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

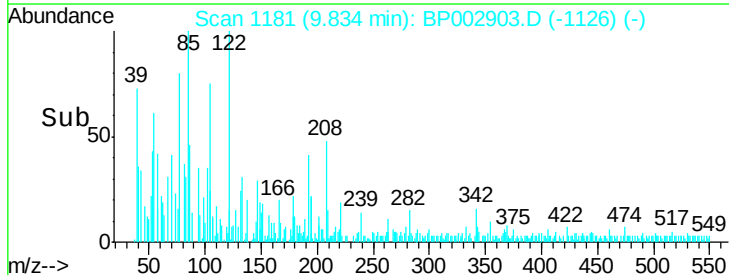
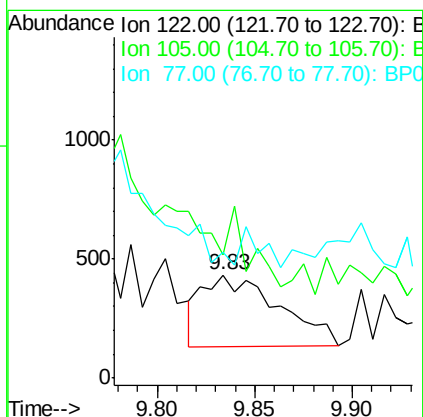
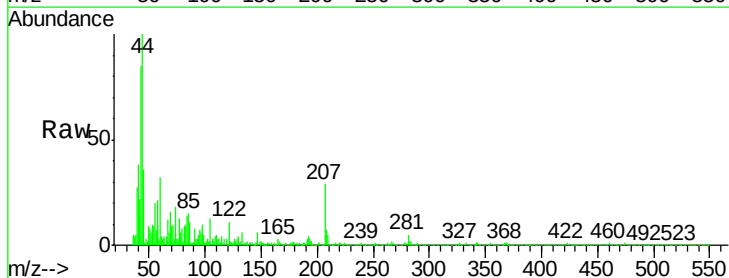
Instrument :
BNA_P
ClientSampleId :
TP-13

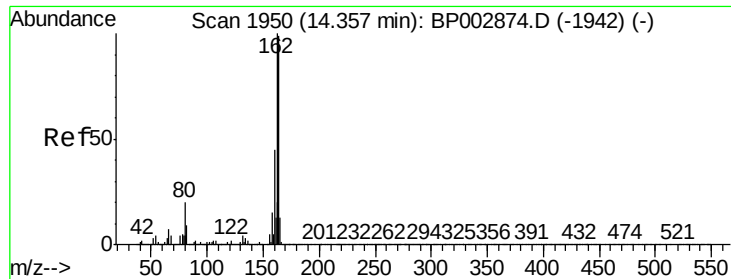
Tot Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 387.9 22.2 33.2#
65 581.8 38.9 58.3#



#32
Benzoic acid
Concen: 7.721 ng
RT: 9.83 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Tgt Ion:122 Resp: 807
Ion Ratio Lower Upper
122 100
105 119.2 103.4 143.4
77 121.5 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: BP002903.D

Acq: 31 Jul 2020 21:07

Instrument :

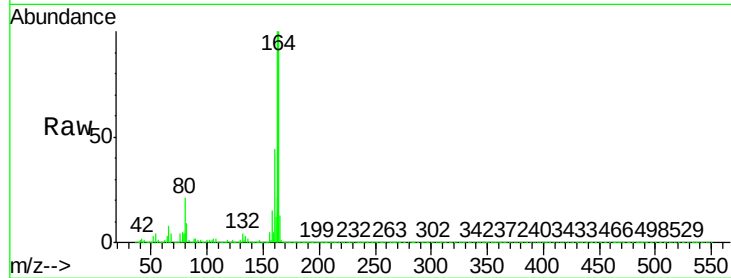
BNA_P

ClientSampleId :

TP-13

Tot Ion:164 Resp: 1187530

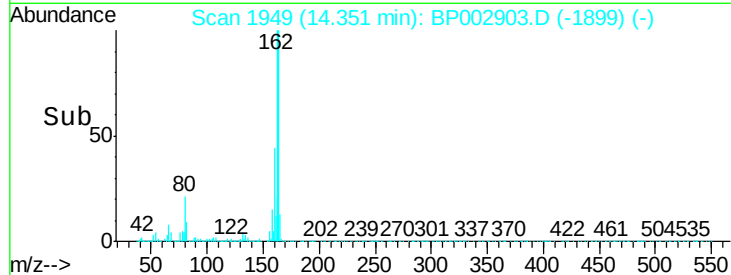
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.6
160	44.5	36.2	54.4



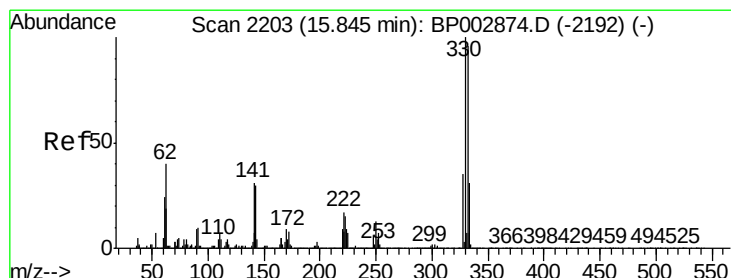
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 121.447 ng

RT: 15.85 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

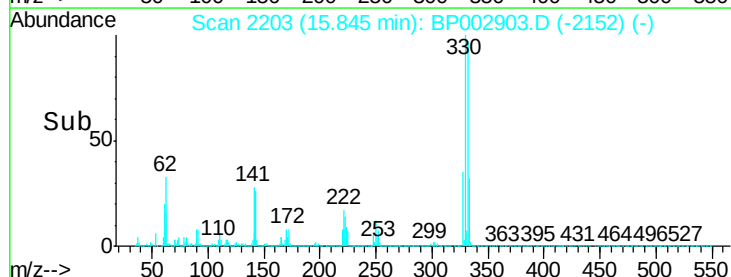
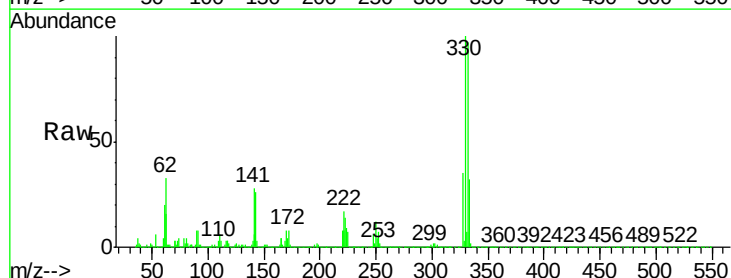
Tgt Ion:330 Resp: 1792508

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	30.0	24.6	37.0

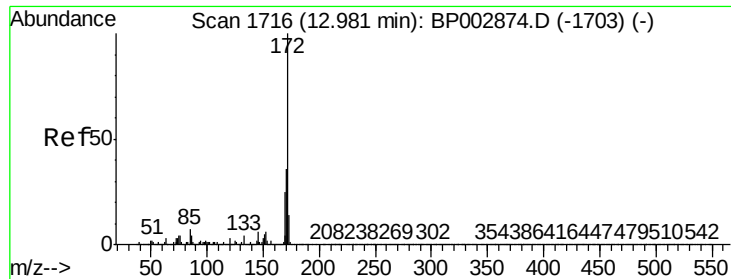
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



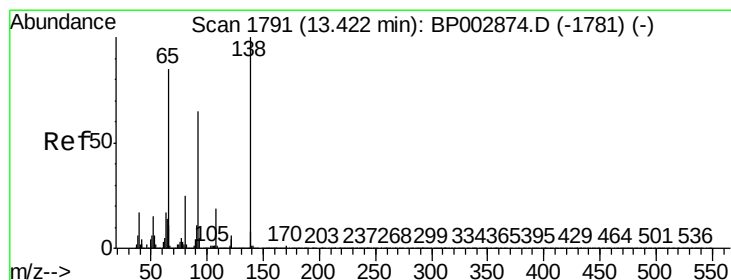
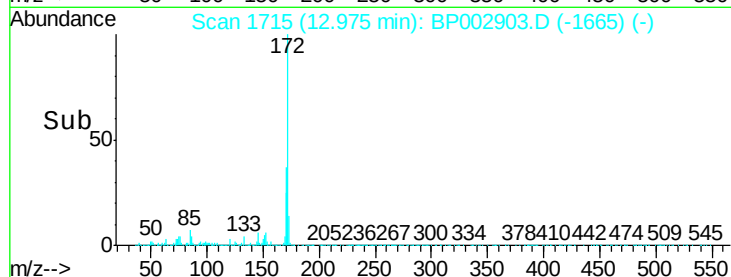
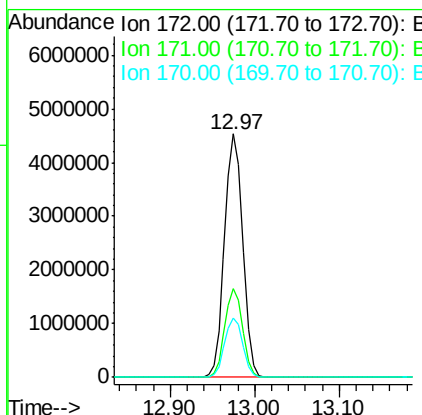
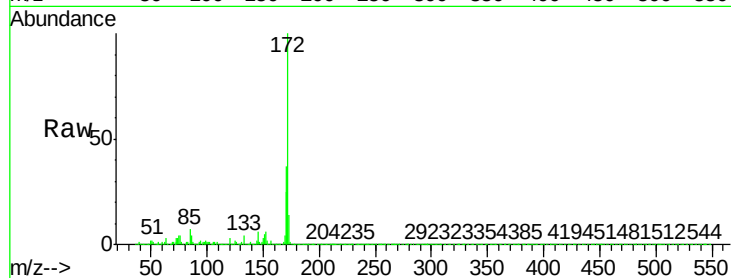
Time-->



#45
2-Fluorobiphenyl
Concen: 77.695 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

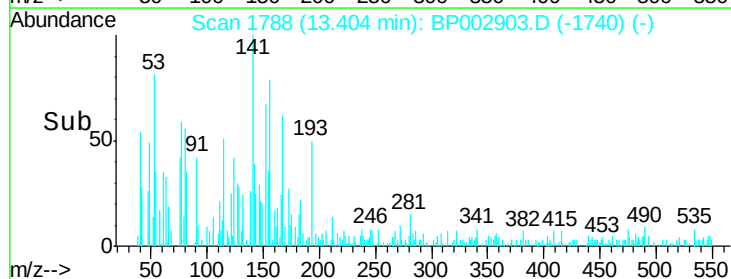
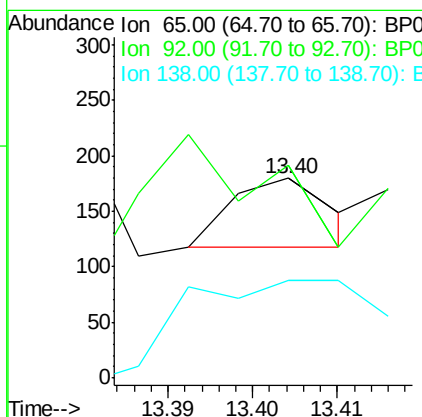
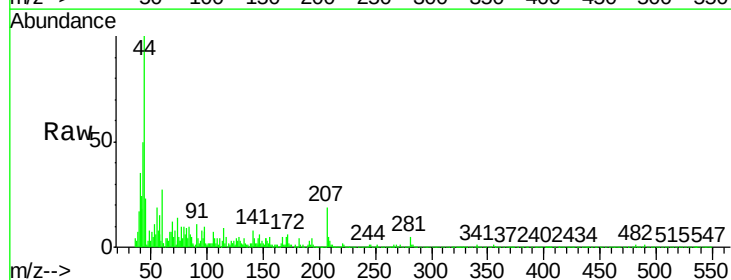
Instrument :
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TP-13

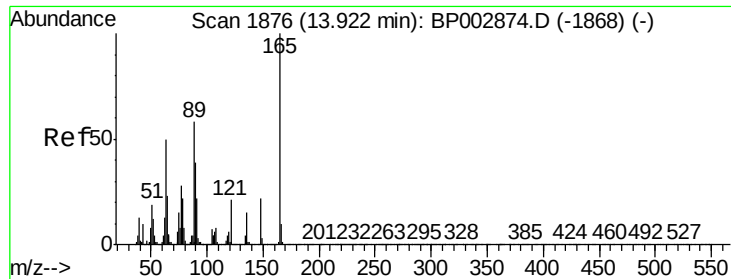
Tot Ion:172 Resp: 6752940
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.5 19.6 29.4



#48
2-Nitroaniline
Concen: 3.974 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Tgt Ion: 65 Resp: 50
Ion Ratio Lower Upper
65 100
92 106.7 61.4 92.0#
138 48.9 94.2 141.4#





#51

2,6-Dinitrotoluene

Concen: 2.908 ng

RT: 13.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

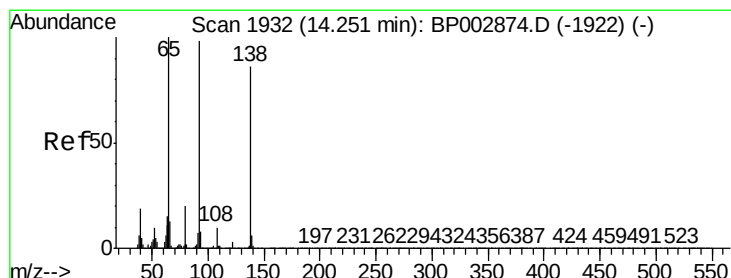
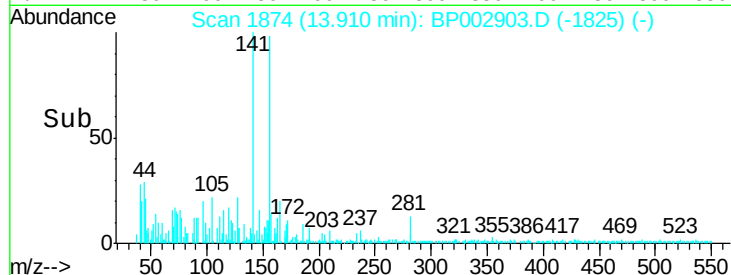
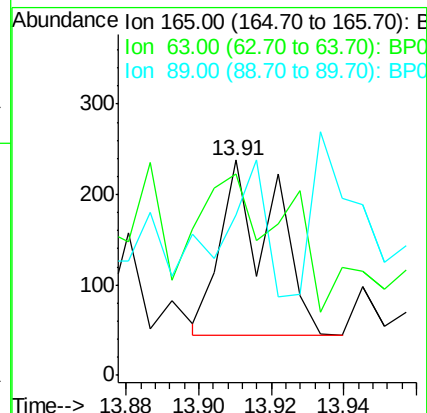
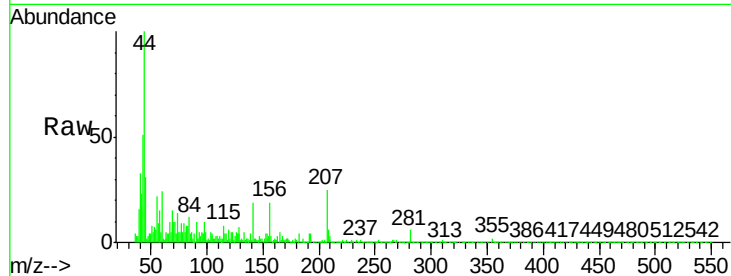
Instrument :

BNA_P

ClientSampleId :

TP-13

Tot Ion:	165	Resp:	194
Ion	Ratio	Lower	Upper
165	100		
63	132.4	40.3	60.5#
89	74.4	46.5	69.7#



#53

3-Nitroaniline

Concen: 3.279 ng

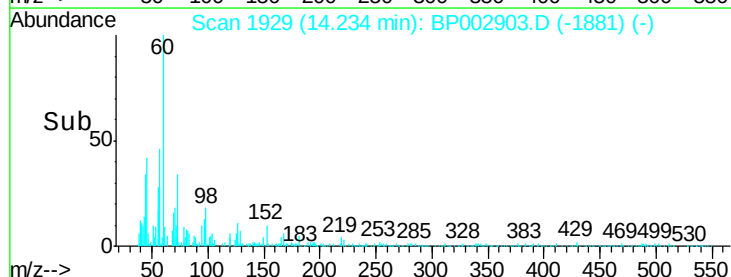
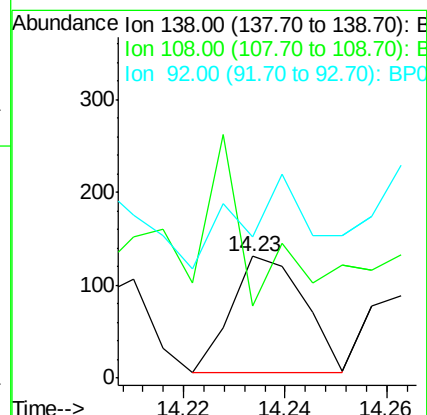
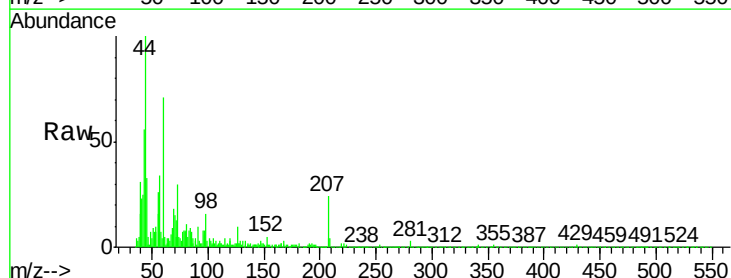
RT: 14.23 min Scan# 1929

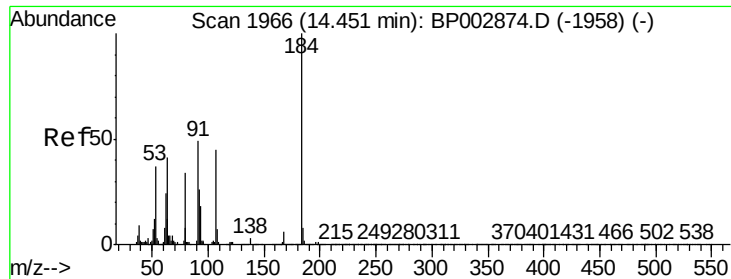
Delta R.T. -0.02 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

Tgt Ion:	138	Resp:	125
Ion	Ratio	Lower	Upper
138	100		
108	59.5	9.4	14.0#
92	116.0	91.0	136.6

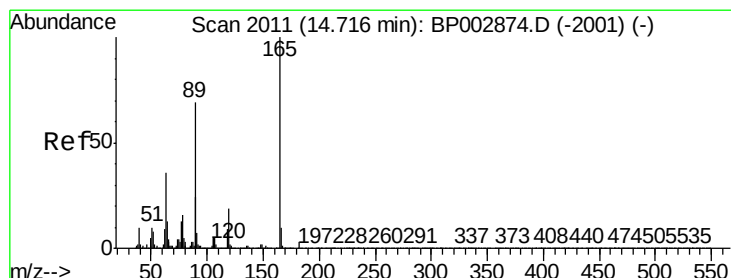
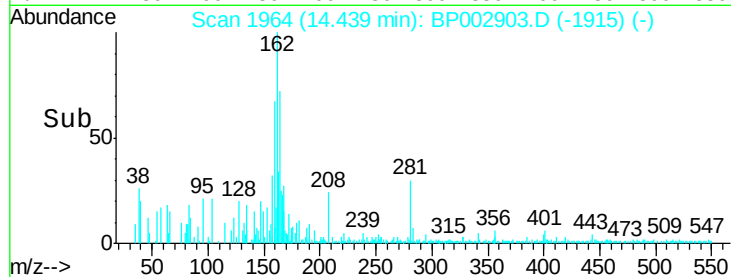
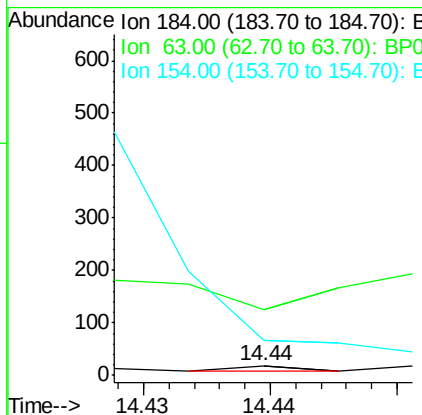
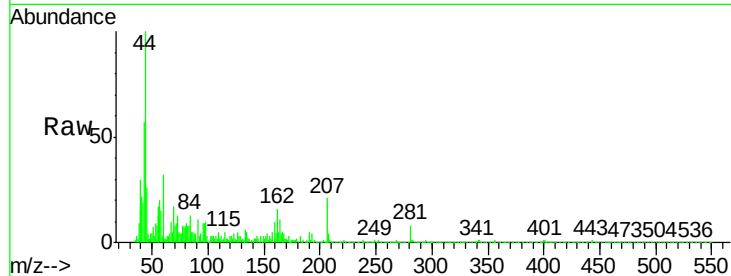




#54
2,4-Dinitrophenol
Concen: 8.058 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

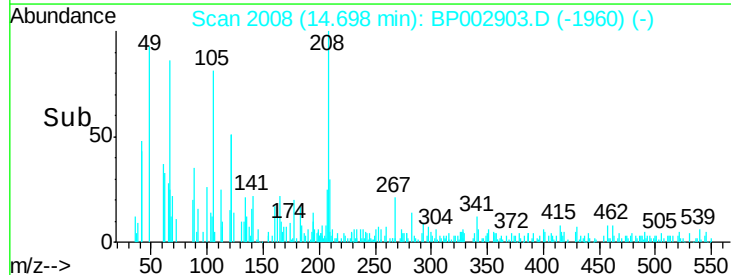
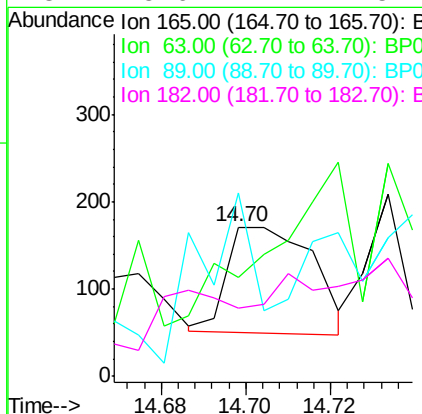
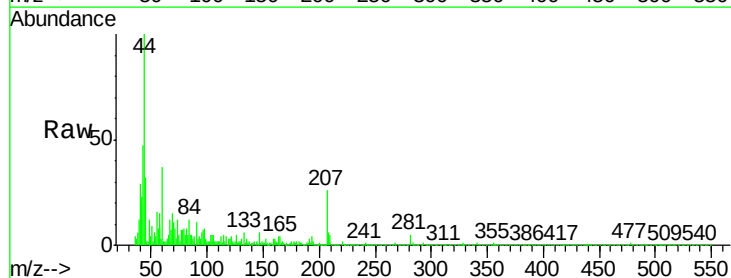
Instrument :
BNA_P
ClientSampleId :
TP-13

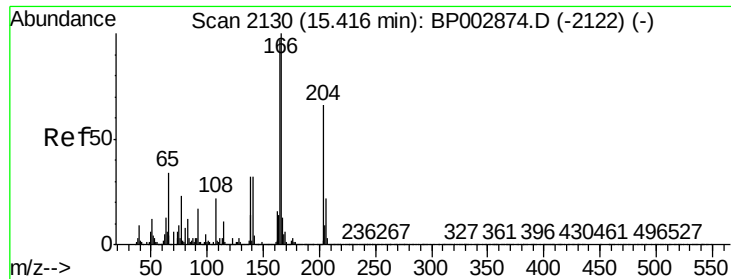
Tot Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 1466.7 50.3 75.5#
154 366.7 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Tgt Ion:165 Resp: 171
Ion Ratio Lower Upper
165 100
63 66.1 29.0 43.4#
89 129.2 55.5 83.3#
182 45.6 2.2 3.4#

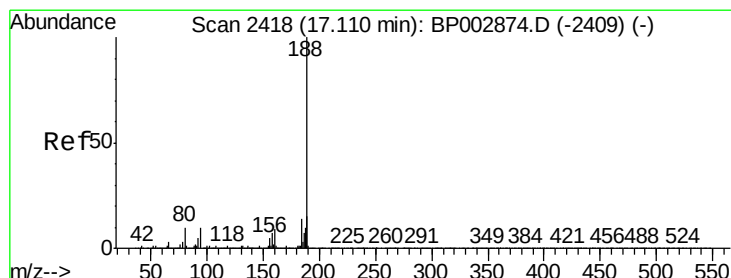
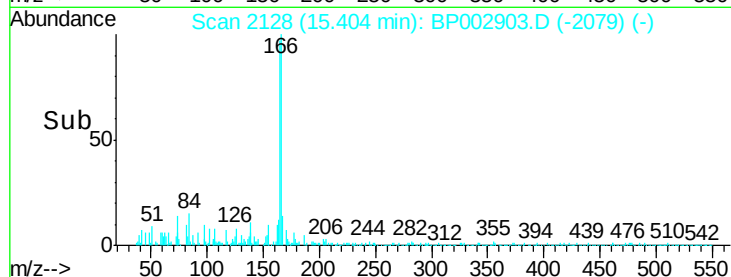
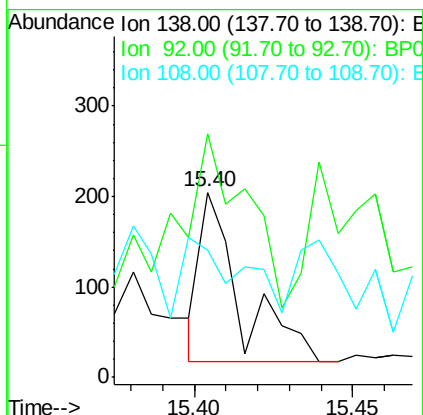
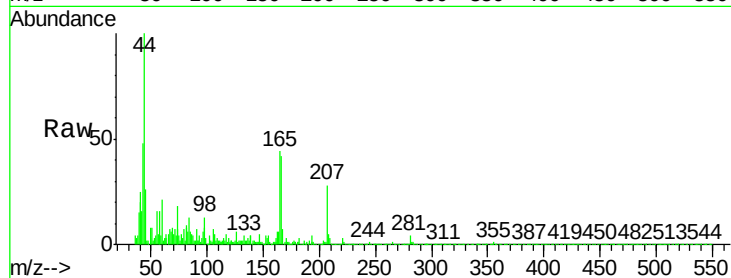




#62
4-Nitroaniline
Concen: 2.423 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

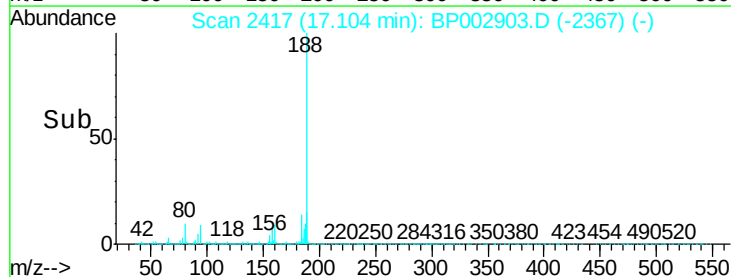
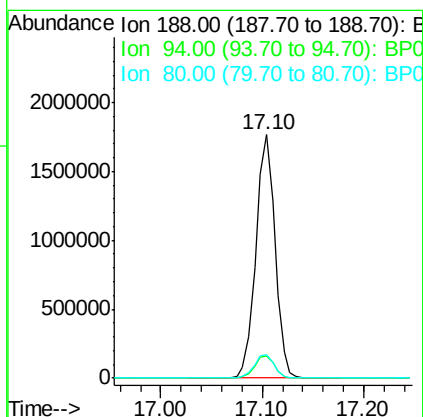
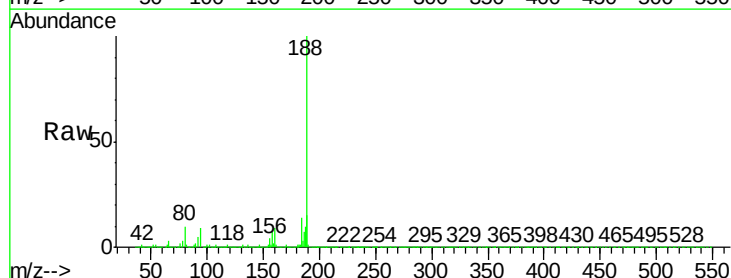
Instrument :
BNA_P
ClientSampleId :
TP-13

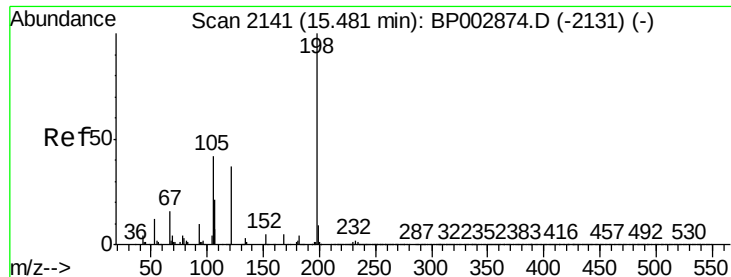
Tot Ion:138 Resp: 169
Ion Ratio Lower Upper
138 100
92 131.2 32.2 72.2#
108 68.3 50.0 90.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002903.D
Acq: 31 Jul 2020 21:07

Tgt Ion:188 Resp: 2322255
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 9.9 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 6.902 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

Instrument :

BNA_P

ClientSampled :

TP-13

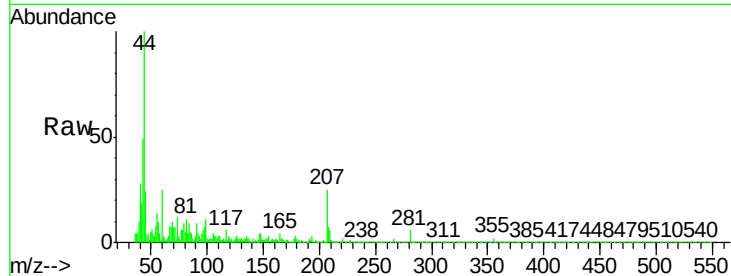
Tot Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

51 1468.2 11.6 51.6#

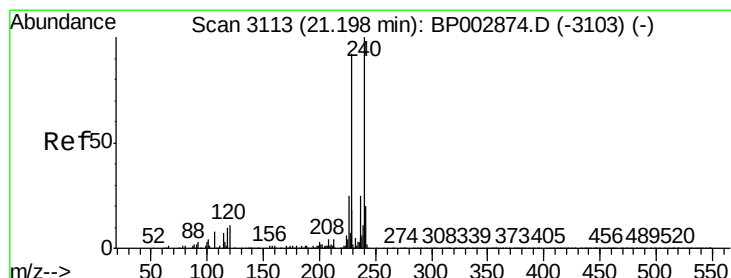
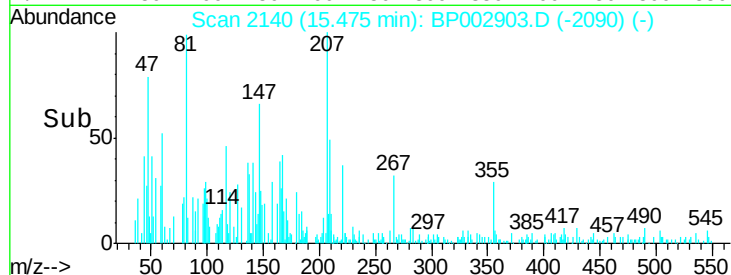
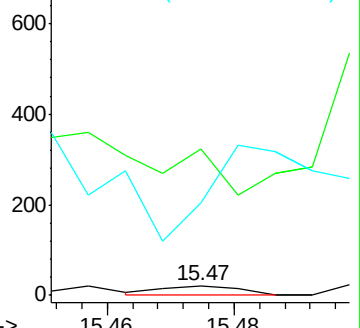
105 927.3 23.8 63.8#



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: 21.19 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

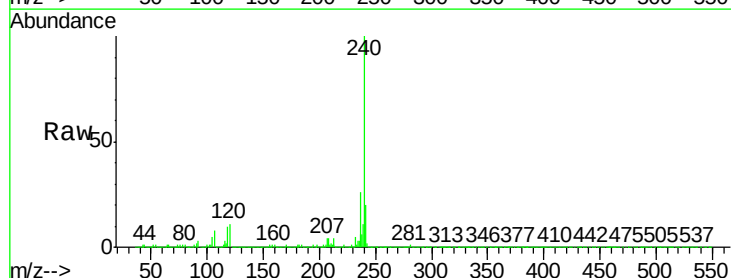
Tgt Ion:240 Resp: 1649960

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

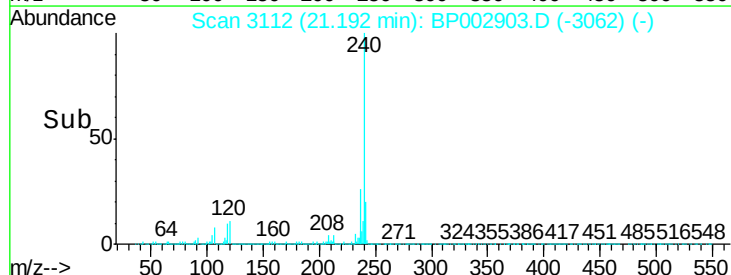
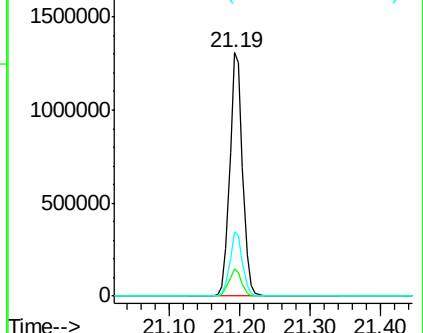
236 26.2 20.3 30.5

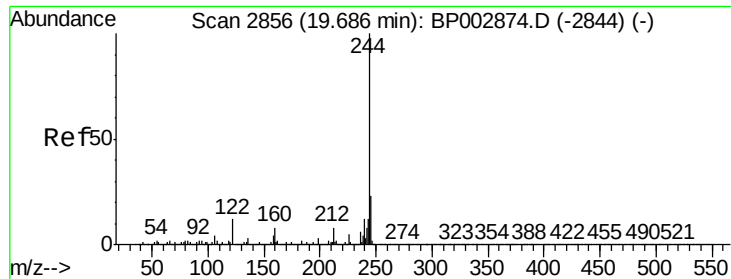


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.920 ng

RT: 19.68 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

Instrument :

BNA_P

ClientSampleId :

TP-13

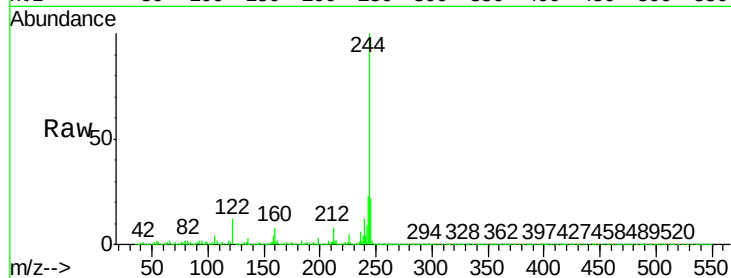
Tot Ion:244 Resp: 8070327

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

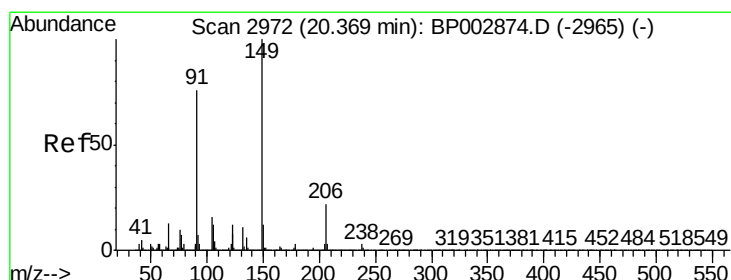
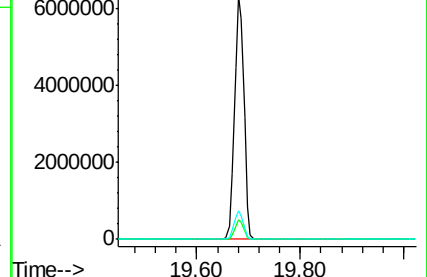
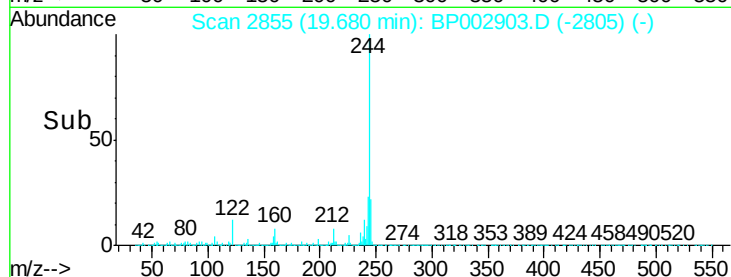
122 11.8 9.4 14.2



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: 3.076 ng

RT: 20.36 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP002903.D

Acq: 31 Jul 2020 21:07

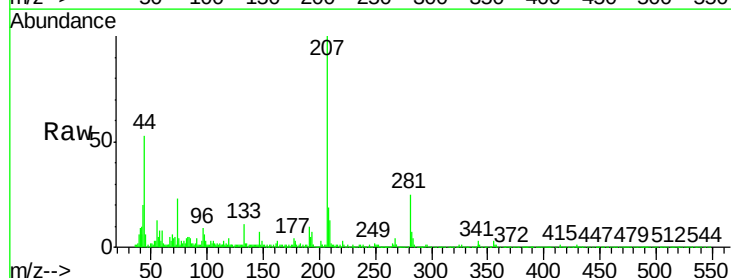
Tgt Ion:149 Resp: 899

Ion Ratio Lower Upper

149 100

91 130.8 60.5 90.7#

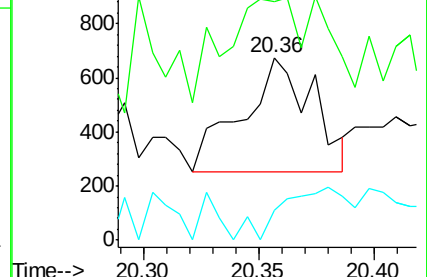
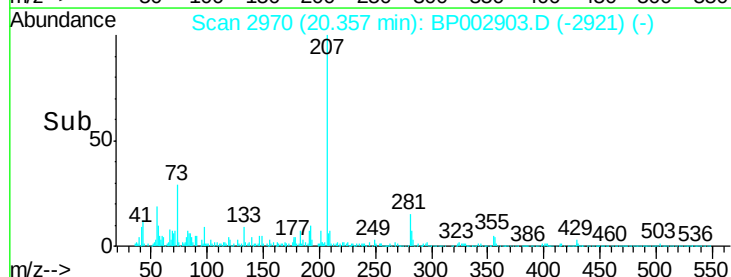
206 16.6 17.5 26.3#

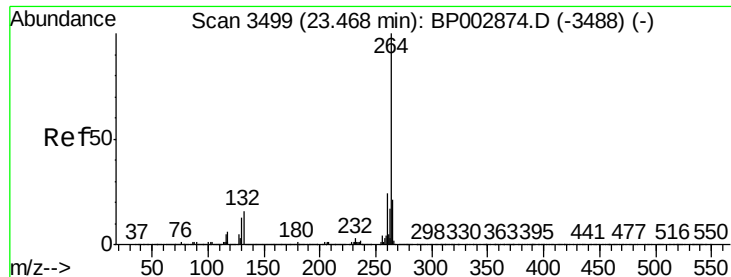


Abundance Ion 149.00 (148.70 to 149.70): E

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: BP002903.D
Acq: 31 Jul 2020 21:07

Instrument :
BNA_P
ClientSampleId :
TP-13

Tot Ion:264 Resp: 1717216

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.4	17.0	25.4

