

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002902.D
 Acq On : 31 Jul 2020 20:33
 Operator : CG/JU
 Sample : L3518-43
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-12

Quant Time: Jul 31 23:21:03 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	517741	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1987383	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1136384	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2283404	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1730113	20.00	ng	0.00
86) Perylene-d12	23.46	264	1567262	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3794024	112.16	ng	0.00
7) Phenol-d6	6.89	99	4246142	90.41	ng	0.00
23) Nitrobenzene-d5	8.86	82	3345796	91.18	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1900076	134.53	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6750158	81.16	ng	0.00
79) Terphenyl-d14	19.68	244	8748480	101.23	ng	0.00

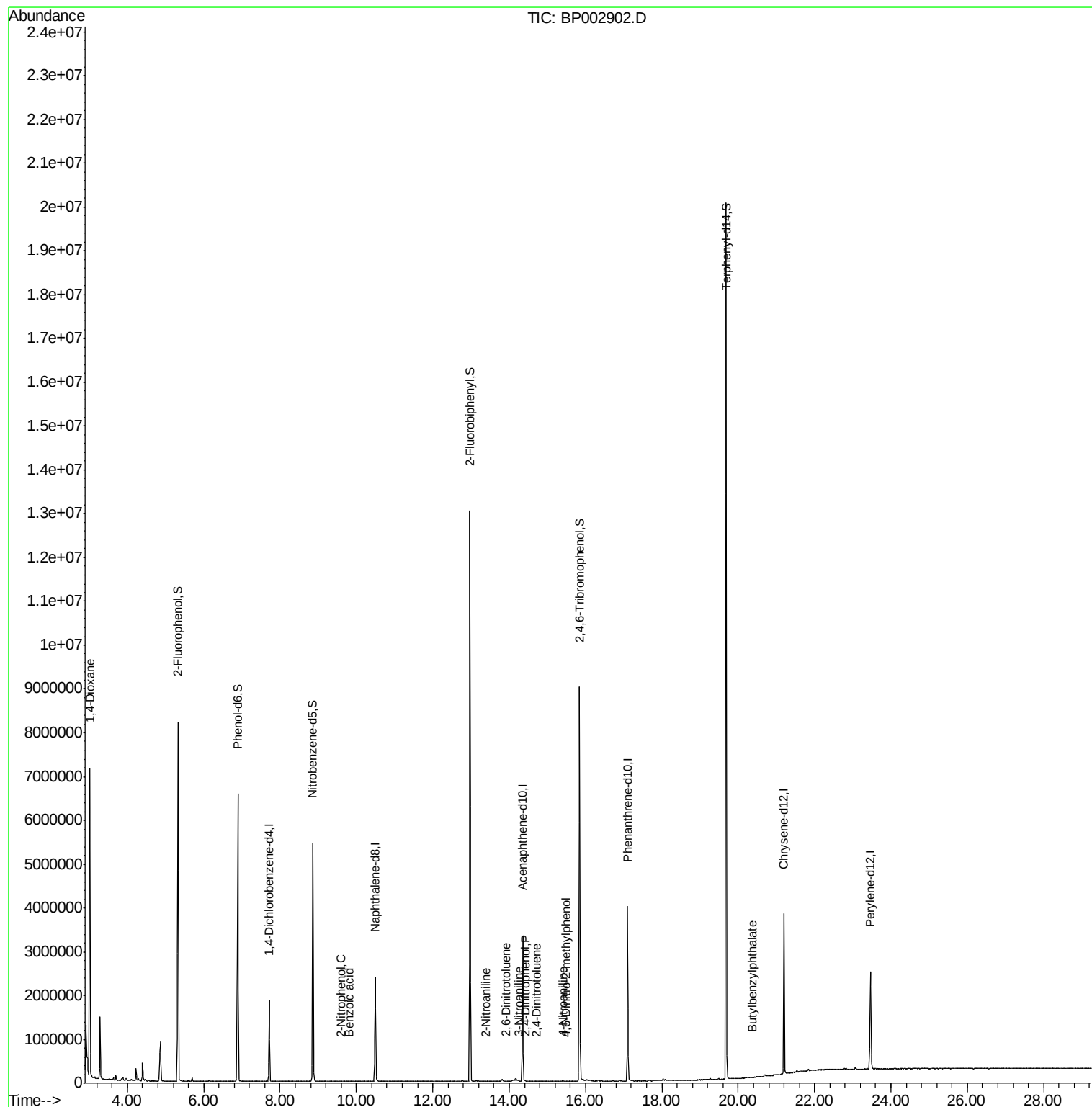
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	61929	4.265	ng	# 1
26) 2-Nitrophenol	9.61	139	72	4.524	ng	# 1
32) Benzoic acid	9.82	122	176	7.694	ng	93
48) 2-Nitroaniline	13.40	65	269	3.985	ng	# 27
51) 2,6-Dinitrotoluene	13.90	165	120	2.905	ng	# 20
53) 3-Nitroaniline	14.26	138	98	3.278	ng	# 27
54) 2,4-Dinitrophenol	14.43	184	55	8.063	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	172	3.812	ng	# 37
62) 4-Nitroaniline	15.40	138	313	2.430	ng	# 61
65) 4,6-Dinitro-2-methylphenol	15.49	198	8	6.901	ng	# 1
80) Butylbenzylphthalate	20.36	149	969	3.076	ng	# 39

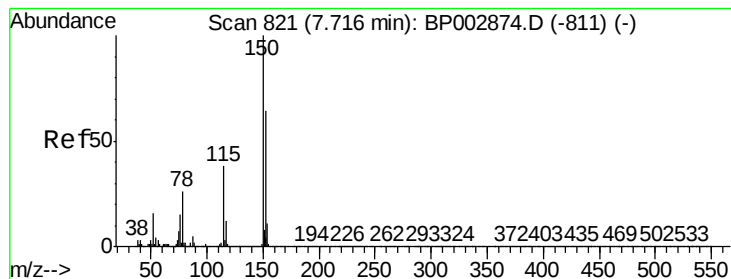
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.72 min Scan# 821

Delta R.T. -0.00 min

Lab File: BP002902.D

Acq: 31 Jul 2020 20:33

Instrument :

BNA_P

ClientSampleId :

TP-12

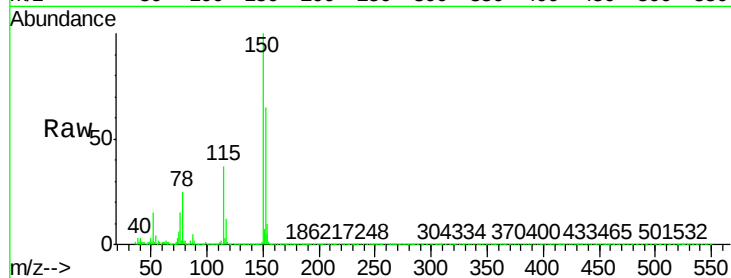
Tot Ion:152 Resp: 517741

Ion Ratio Lower Upper

152 100

150 154.0 124.8 187.2

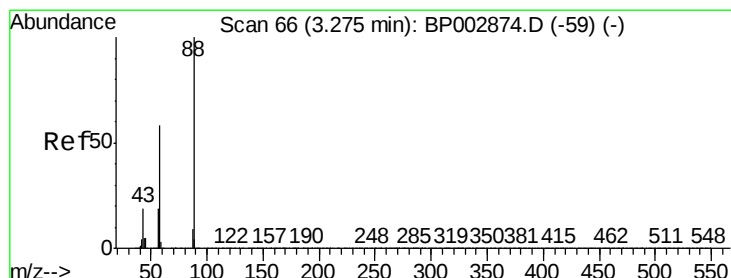
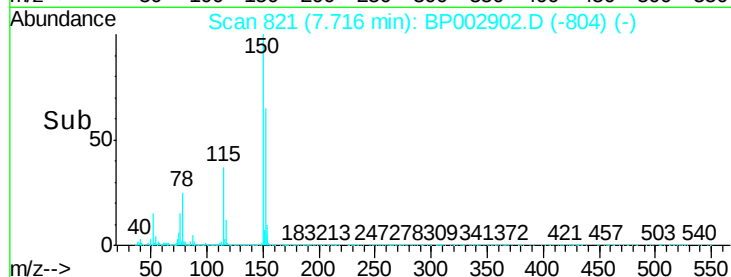
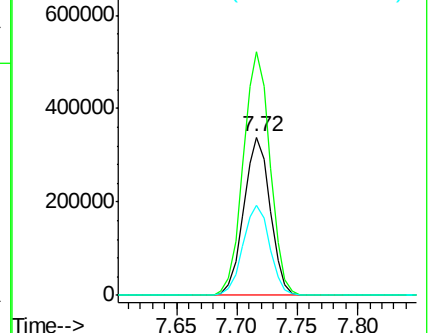
115 57.3 47.4 71.2



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



#2

1,4-Dioxane

Concen: 4.265 ng

RT: 3.02 min Scan# 22

Delta R.T. -0.26 min

Lab File: BP002902.D

Acq: 31 Jul 2020 20:33

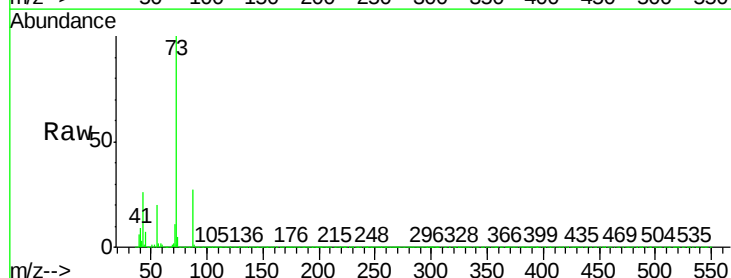
Tgt Ion: 88 Resp: 61929

Ion Ratio Lower Upper

88 100

58 25.2 47.4 71.0#

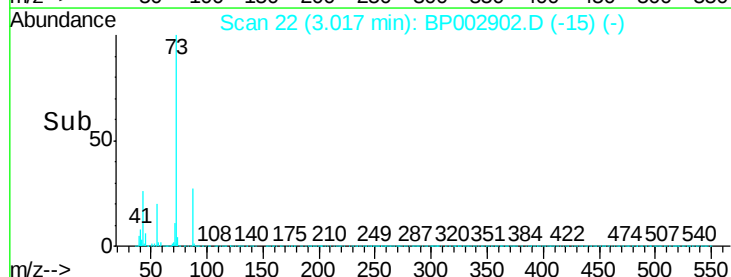
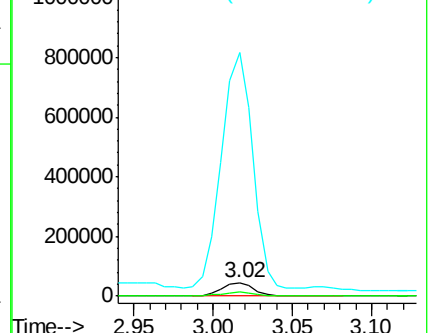
43 1739.5 15.2 22.8#

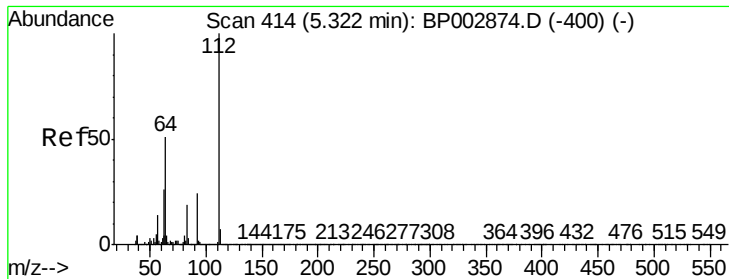


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 112.155 ng

RT: 5.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BP002902.D

Acq: 31 Jul 2020 20:33

Instrument :

BNA_P

ClientSampleId :

TP-12

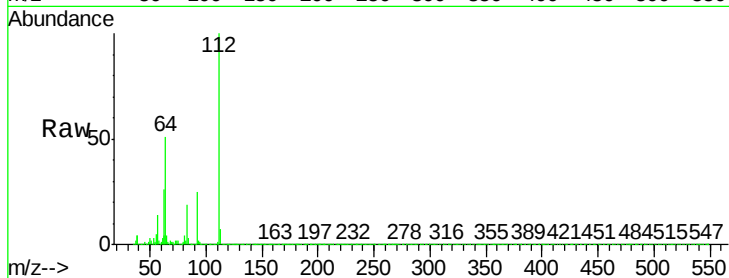
Tot Ion:112 Resp: 3794024

Ion Ratio Lower Upper

112 100

64 51.2 41.0 61.6

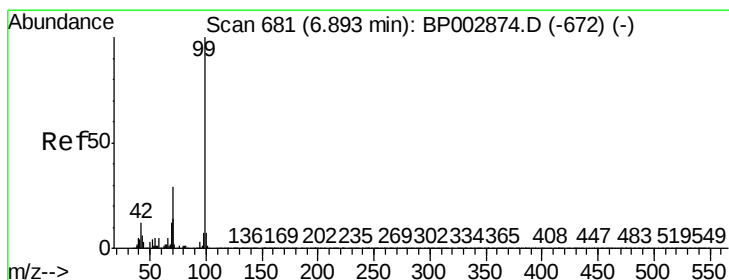
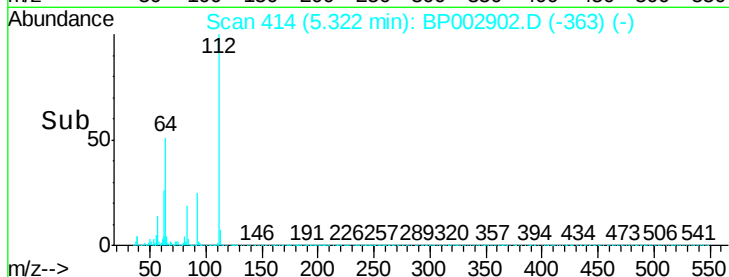
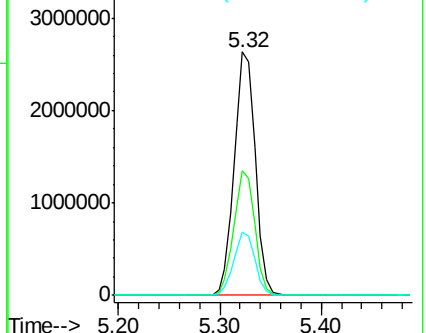
63 26.0 20.7 31.1



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: 90.408 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002902.D

Acq: 31 Jul 2020 20:33

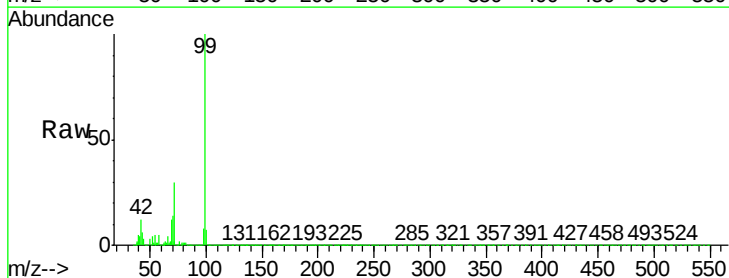
Tgt Ion: 99 Resp: 4246142

Ion Ratio Lower Upper

99 100

42 11.8 9.3 13.9

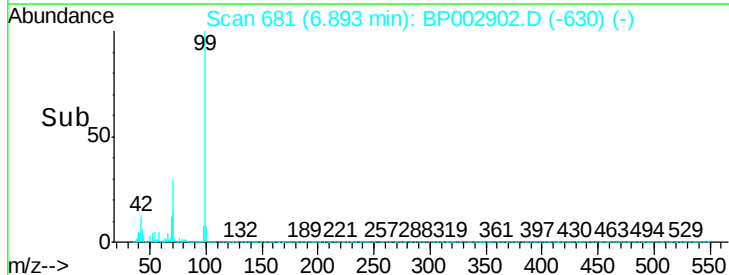
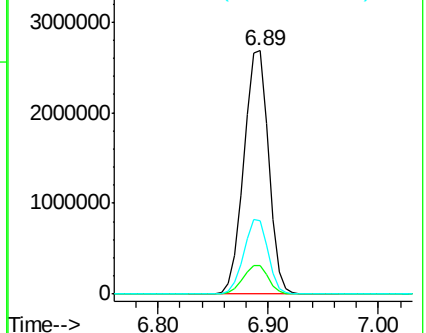
71 30.0 23.5 35.3

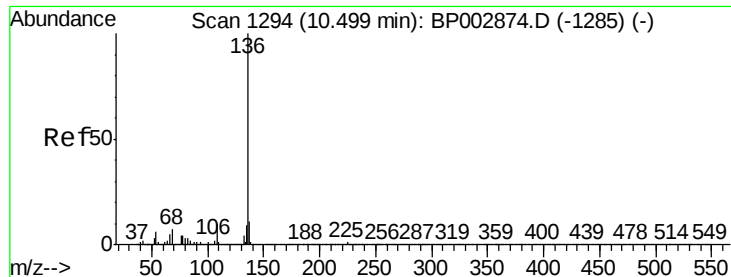


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



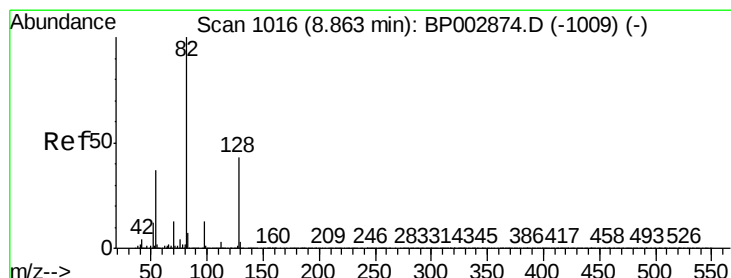
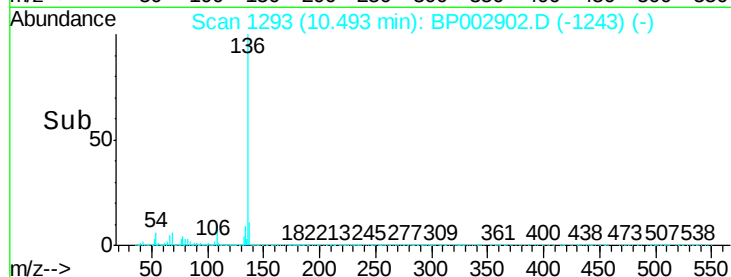
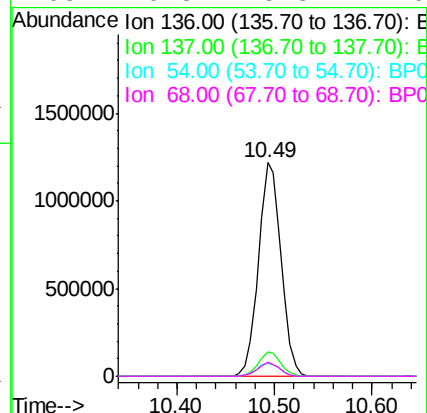
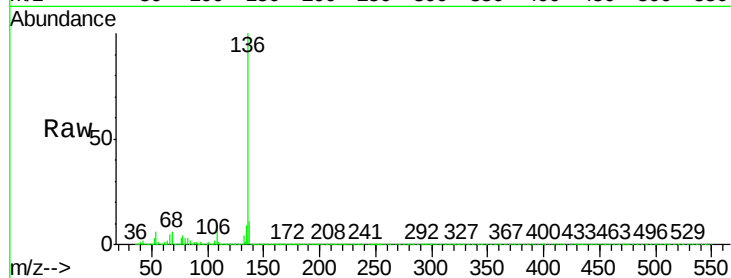


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Instrument :
BNA_P
ClientSampleId :
TP-12

Tot Ion:136 Resp: 1987383

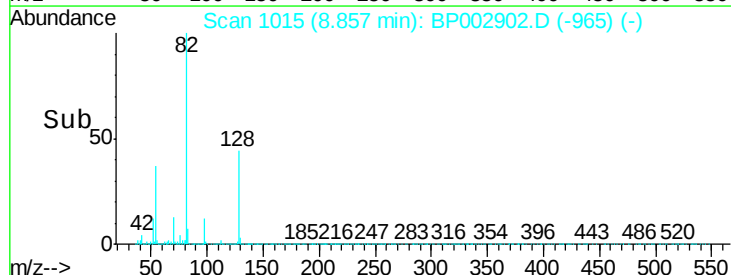
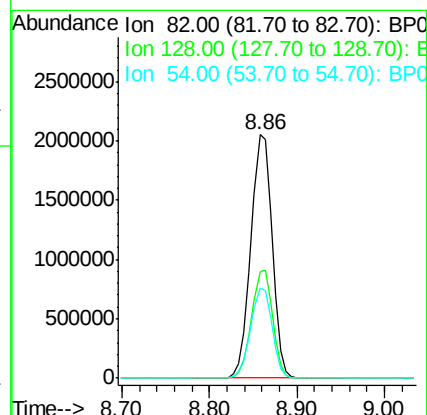
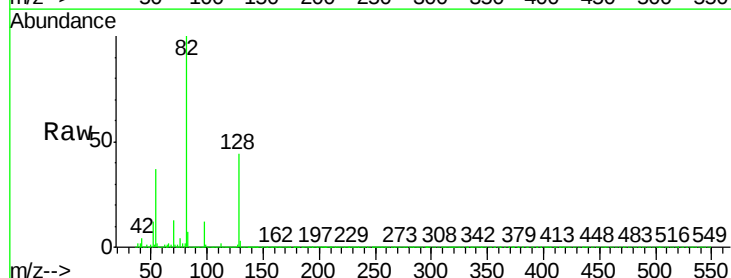
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.3	5.1	7.7
68	6.3	5.3	7.9

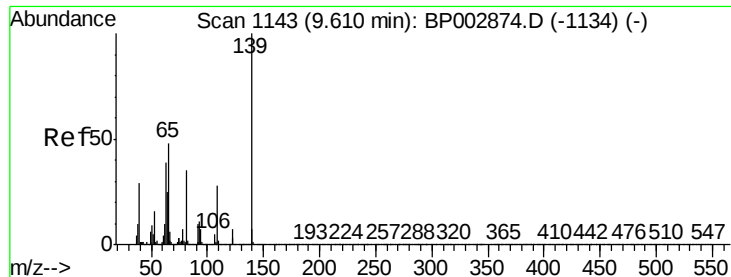


#23
Nitrobenzene-d5
Concen: 91.183 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion: 82 Resp: 3345796

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	36.8	29.5	44.3

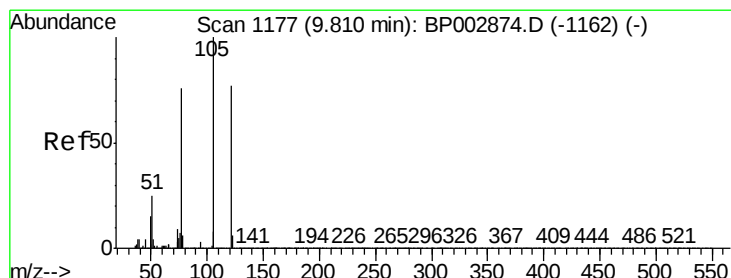
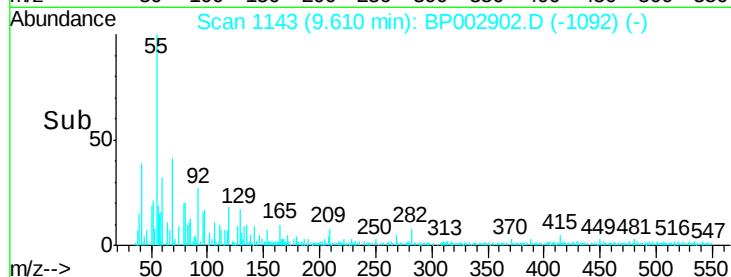
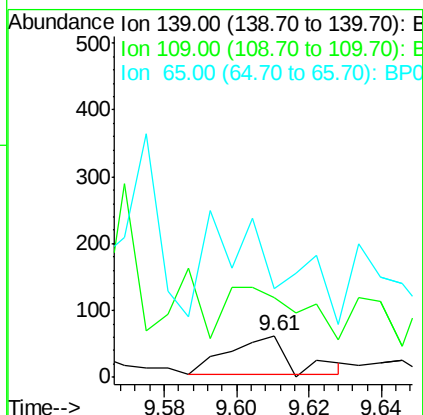
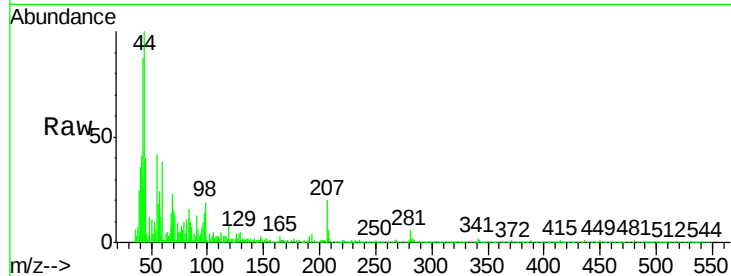




#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

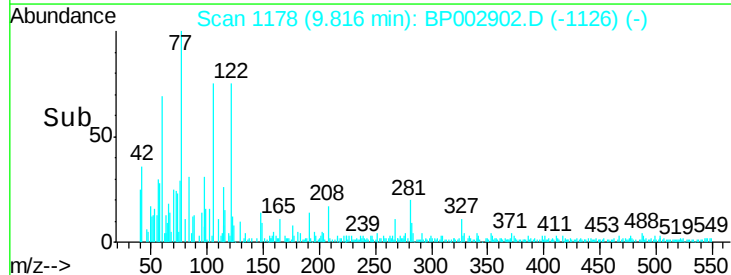
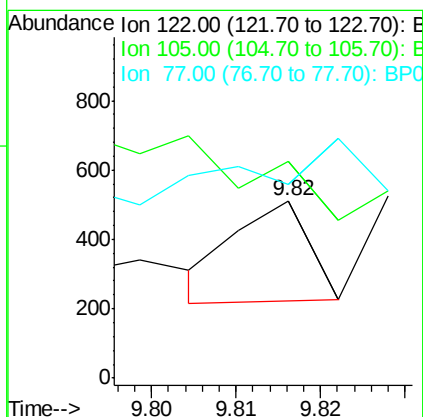
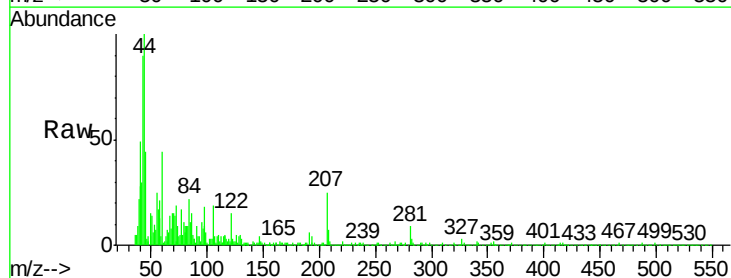
Instrument :
BNA_P
ClientSampled :
TP-12

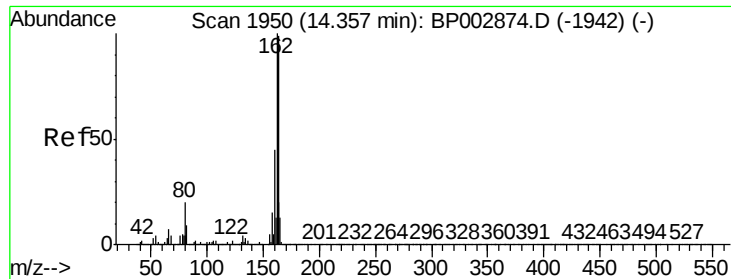
Tot Ion	Ratio	Lower	Upper
139	100		
109	170.0	22.2	33.2#
65	188.6	38.9	58.3#



#32
Benzoic acid
Concen: 7.694 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	103.4	143.4
77	109.4	74.6	114.6

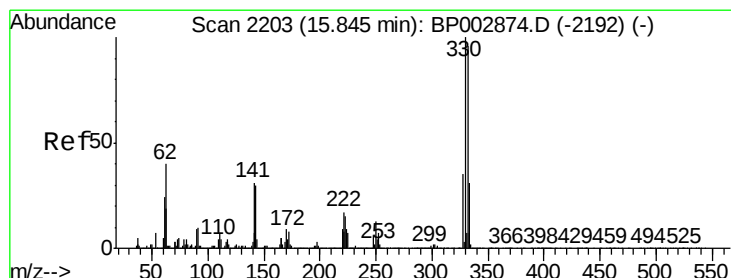
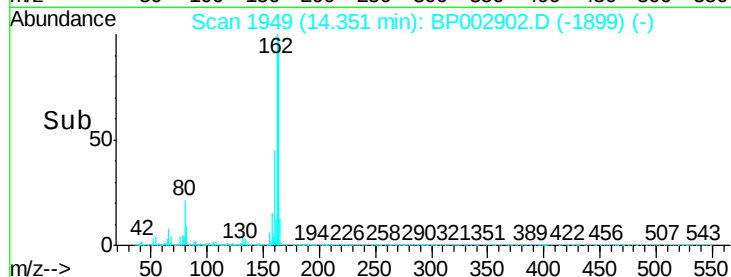
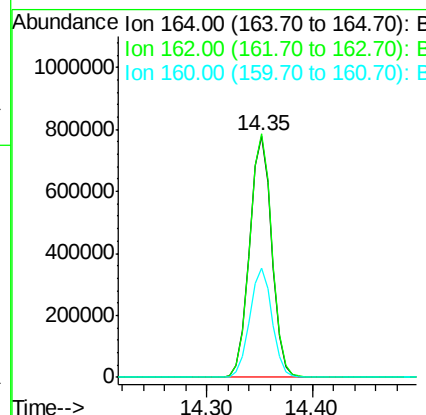
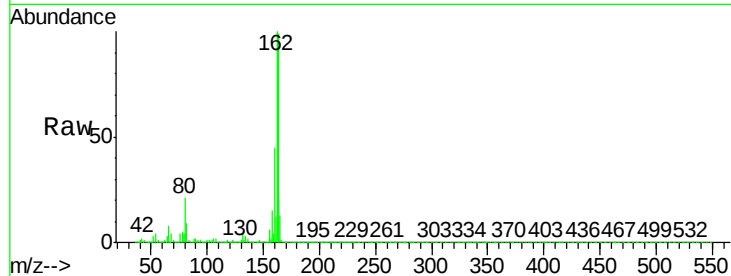




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

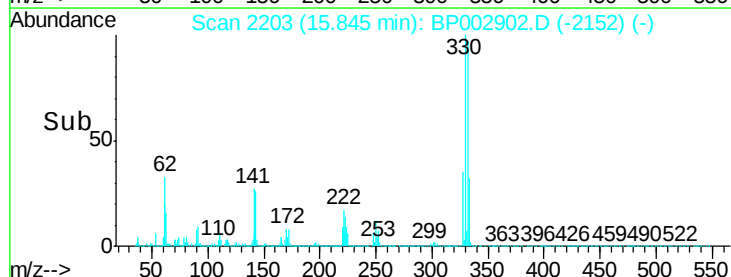
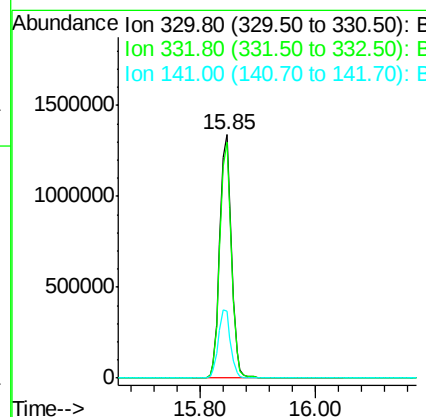
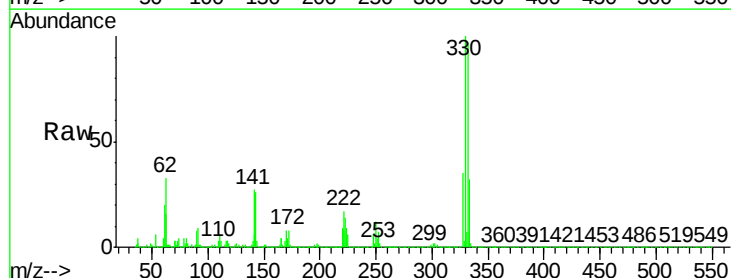
Instrument :
BNA_P
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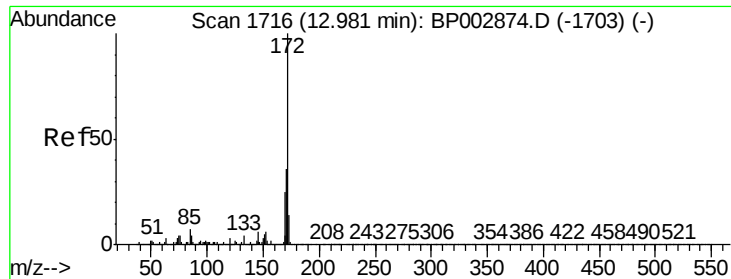
Tot Ion:164 Resp: 1136384
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 45.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 134.529 ng
RT: 15.85 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion:330 Resp: 1900076
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 29.5 24.6 37.0

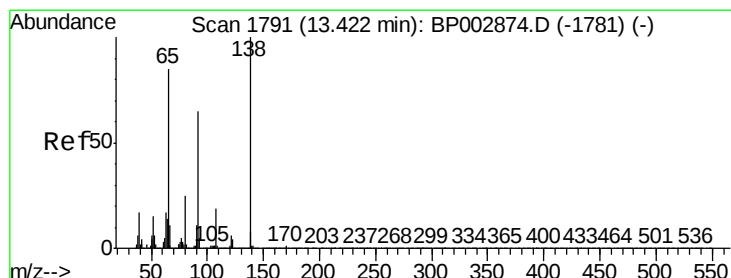
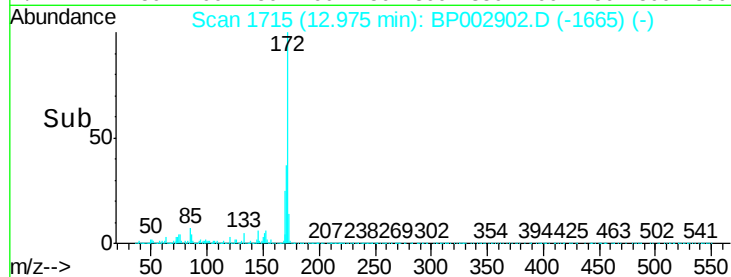
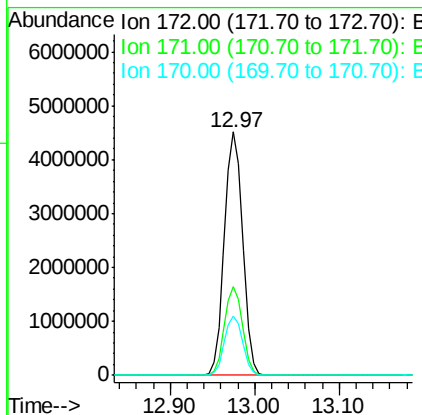
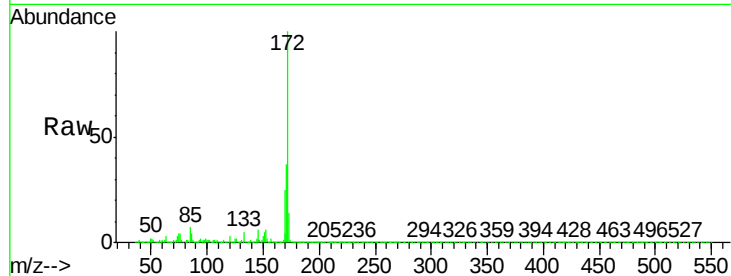




#45
2-Fluorobiphenyl
Concen: 81.159 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

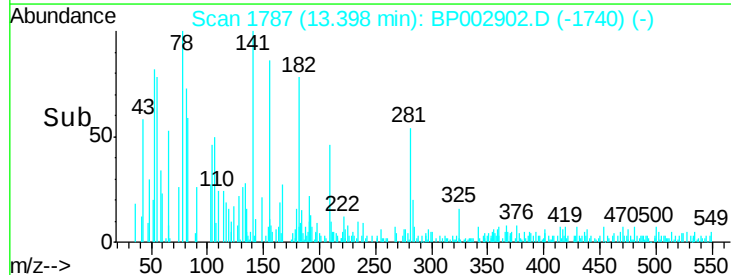
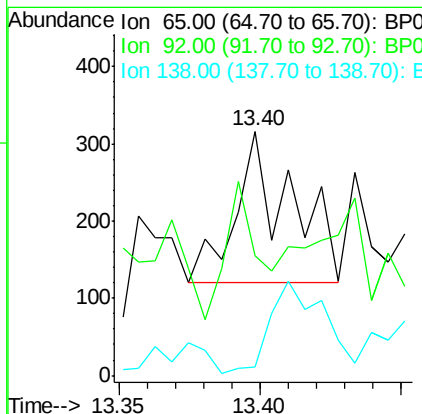
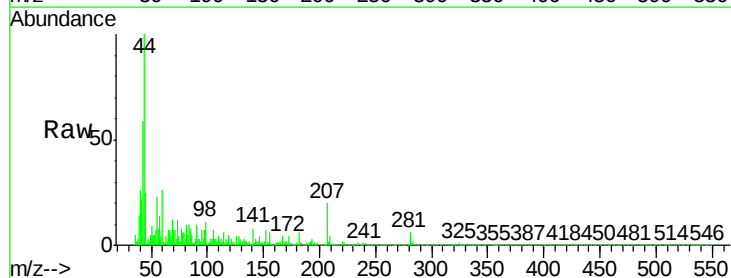
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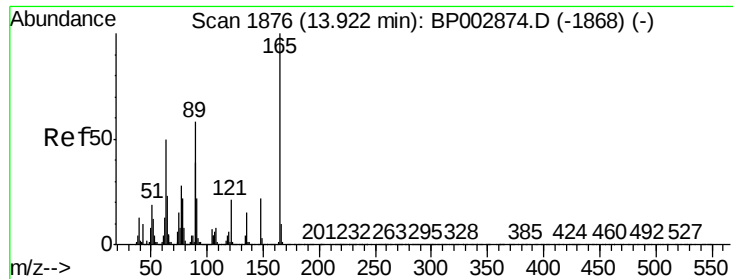
Tot Ion:172 Resp: 6750158
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.5 19.6 29.4



#48
2-Nitroaniline
Concen: 3.985 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion: 65 Resp: 269
Ion Ratio Lower Upper
65 100
92 49.4 61.4 92.0#
138 7.9 94.2 141.4#

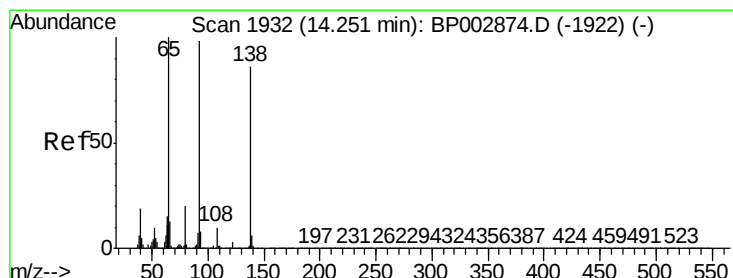
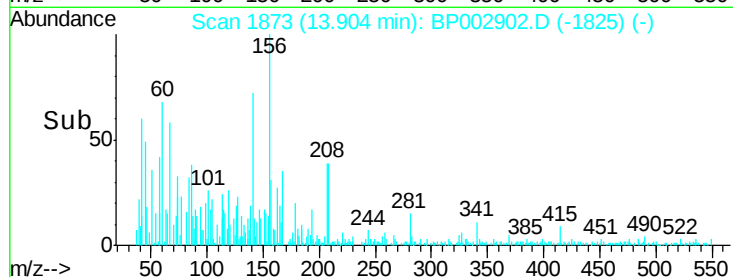
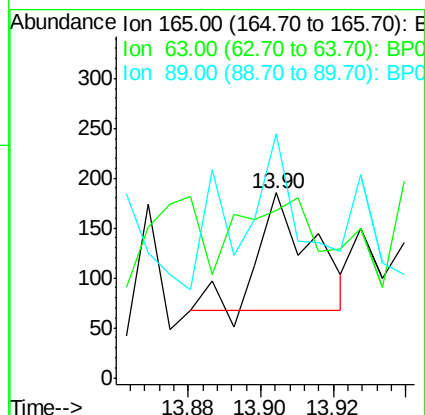
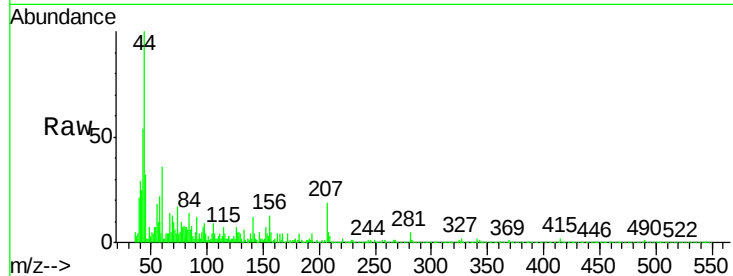




#51
2,6-Dinitrotoluene
Concen: 2.905 ng
RT: 13.90 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

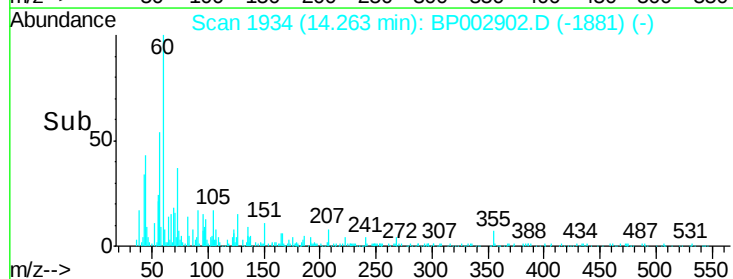
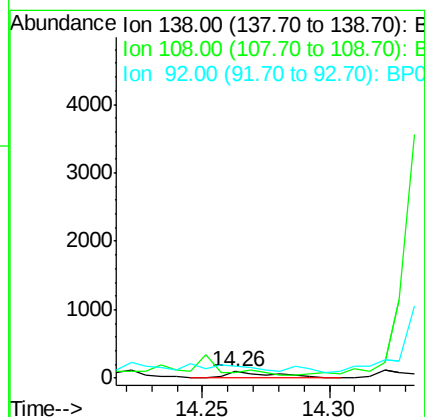
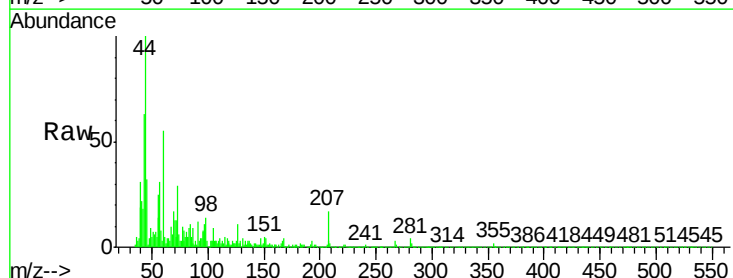
Instrument :
BNA_P
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TP-12

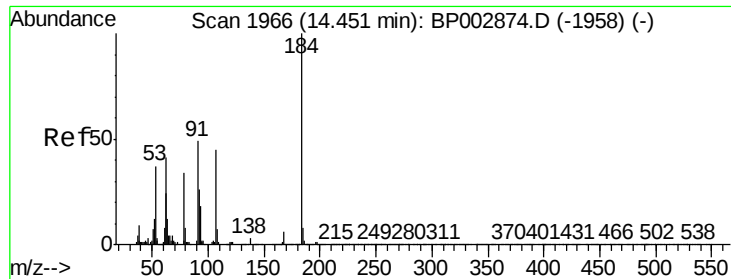
Tot Ion:165 Resp: 120
Ion Ratio Lower Upper
165 100
63 90.3 40.3 60.5#
89 131.9 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.278 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion:138 Resp: 98
Ion Ratio Lower Upper
138 100
108 82.7 9.4 14.0#
92 179.6 91.0 136.6#

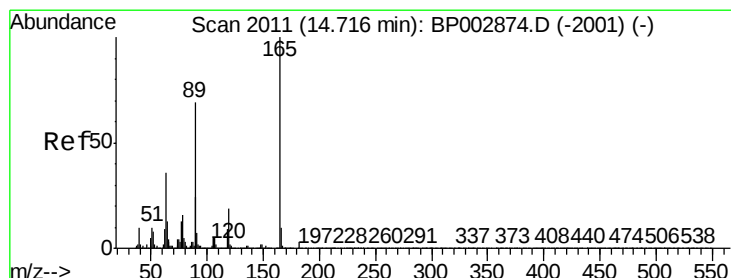
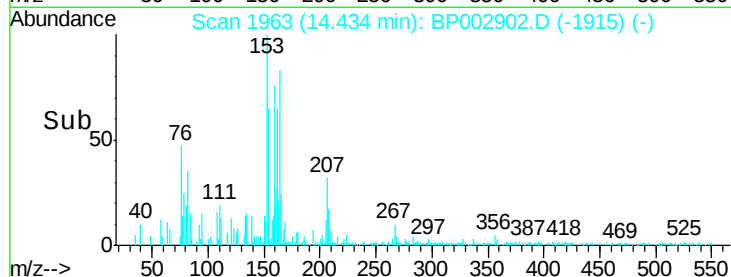
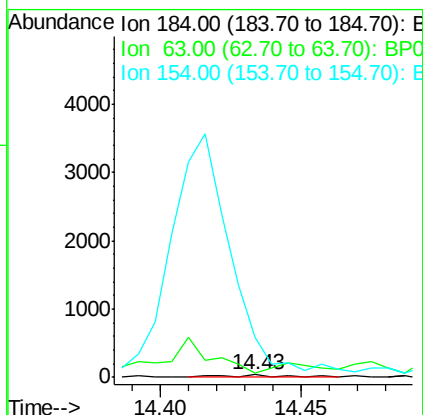
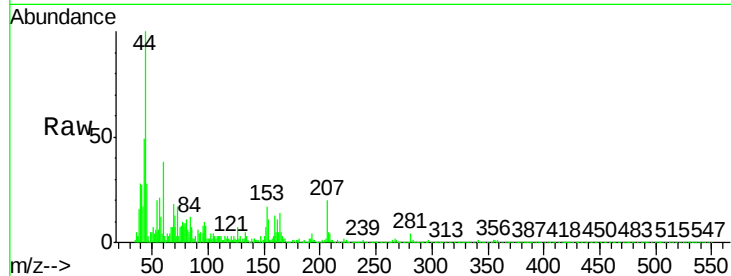




#54
2,4-Dinitrophenol
Concen: 8.063 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

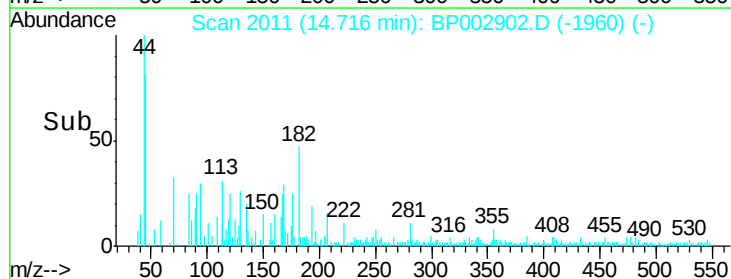
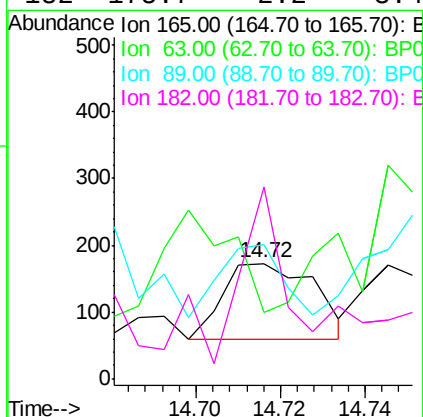
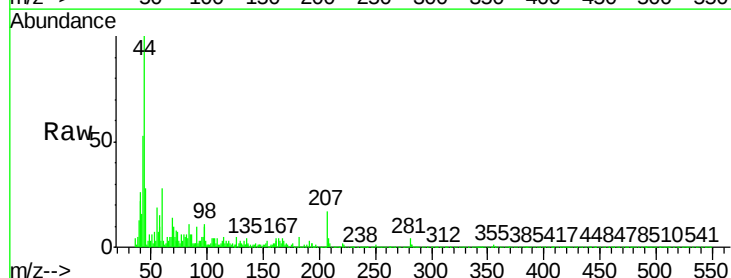
Instrument :
BNA_P
ClientSampleId :
TP-12

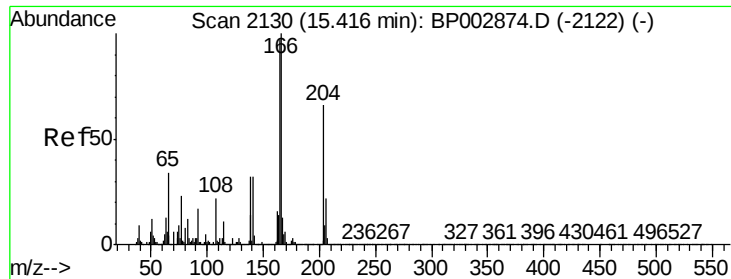
Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 184.2 50.3 75.5#
154 1536.8 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 14.72 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion:165 Resp: 172
Ion Ratio Lower Upper
165 100
63 57.8 29.0 43.4#
89 116.8 55.5 83.3#
182 175.7 2.2 3.4#

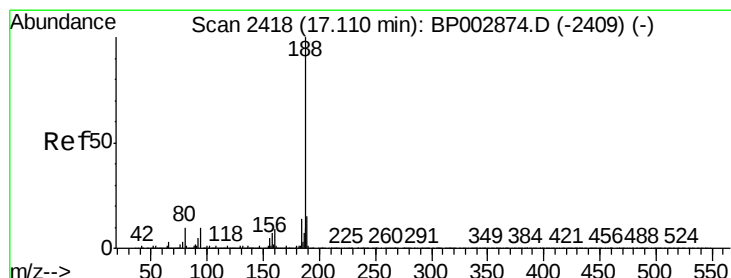
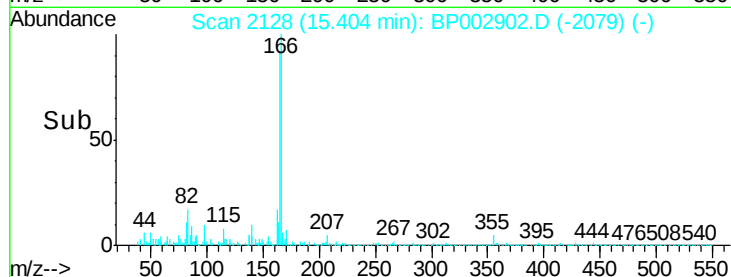
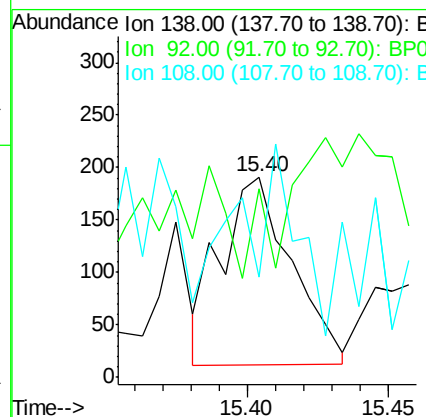
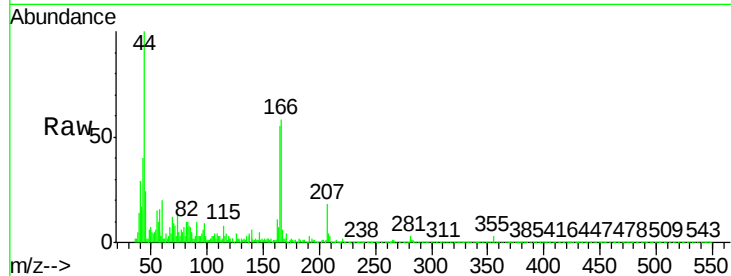




#62
4-Nitroaniline
Concen: 2.430 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

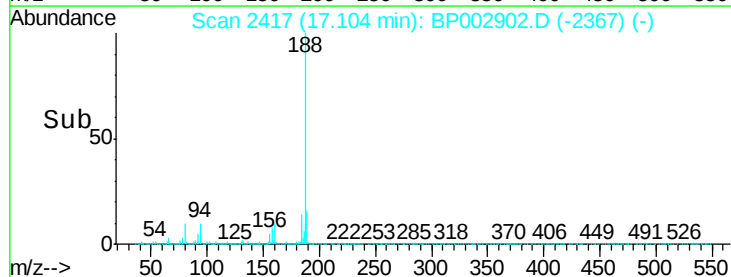
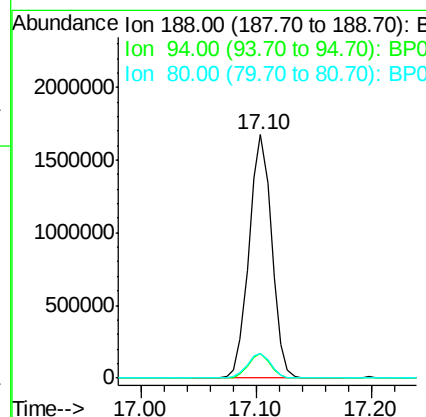
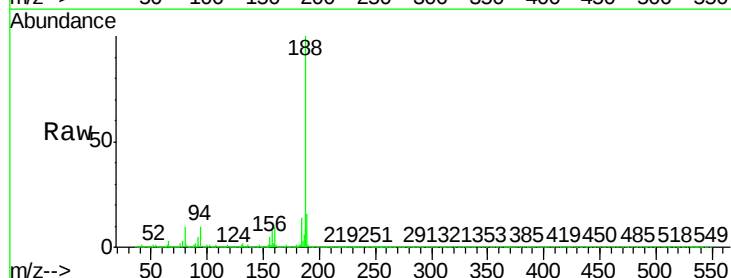
Instrument :
BNA_P
ClientSampleId :
TP-12

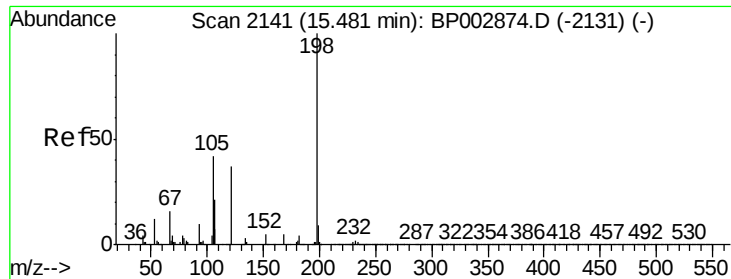
Tot Ion:138 Resp: 313
Ion Ratio Lower Upper
138 100
92 94.2 32.2 72.2#
108 50.3 50.0 90.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion:188 Resp: 2283404
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.3 8.0 12.0

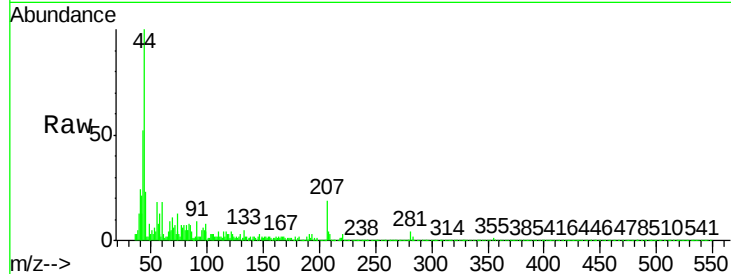




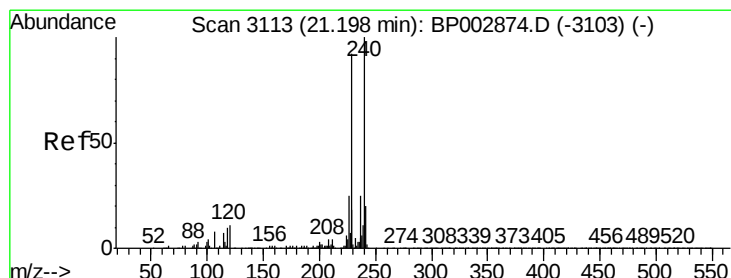
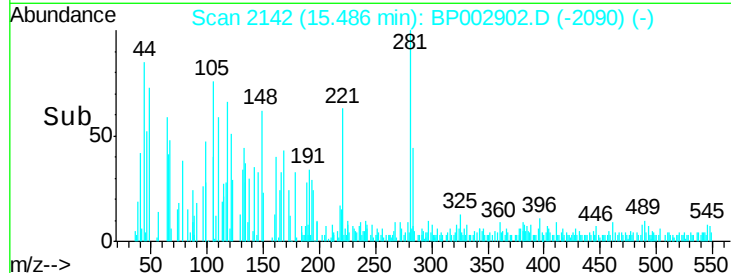
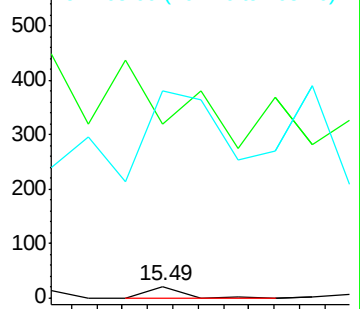
#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.49 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Instrument :
BNA_P
ClientSampleId :
TP-12

Tot Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 1523.8 11.6 51.6#
105 1804.8 23.8 63.8#

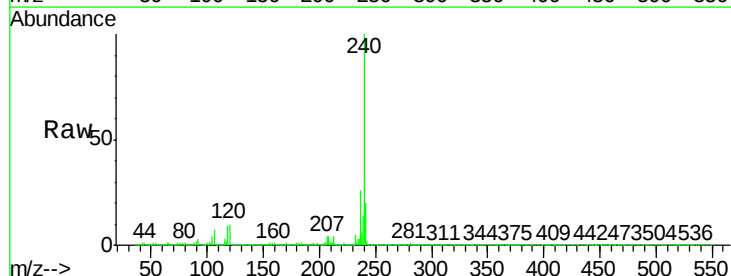


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

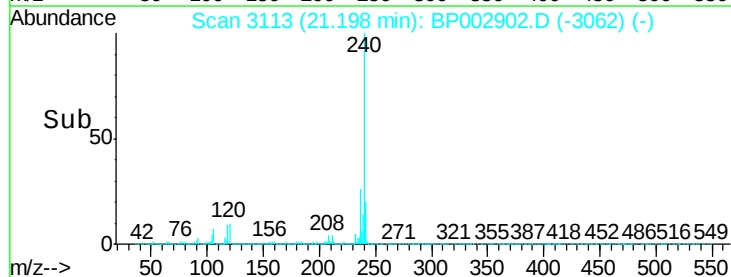
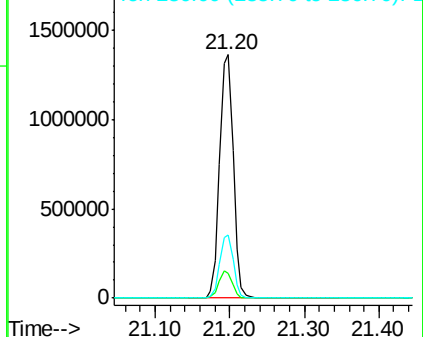


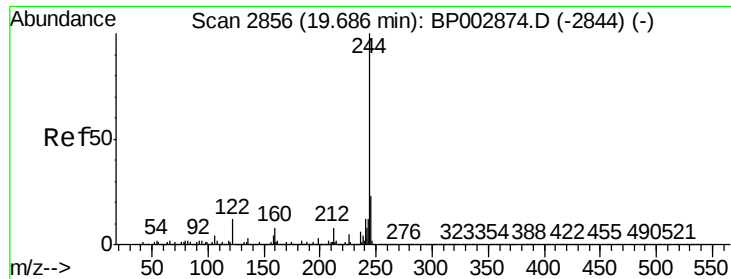
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Tgt Ion:240 Resp: 1730113
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.1 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: 101.231 ng

RT: 19.68 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BP002902.D

Acq: 31 Jul 2020 20:33

Instrument :

BNA_P

ClientSampled :

TP-12

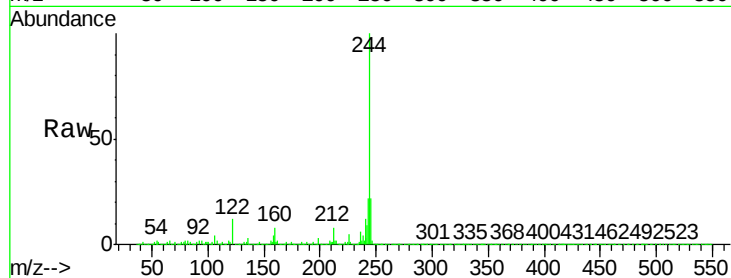
Tot Ion:244 Resp: 8748480

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

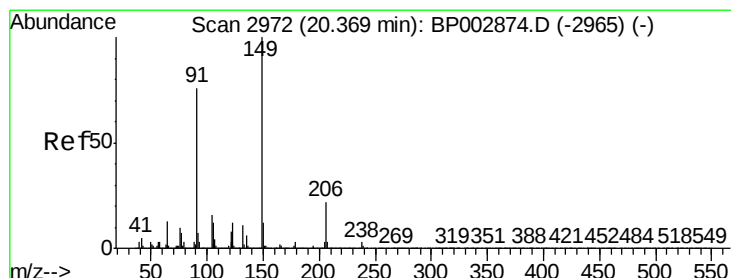
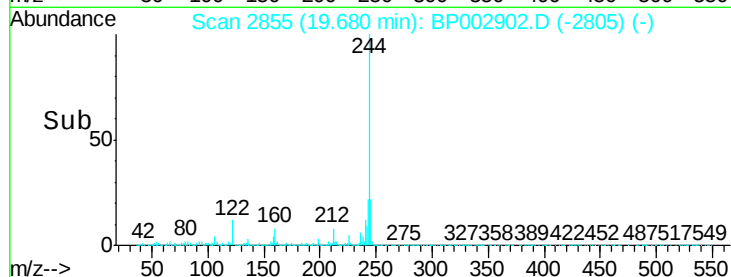
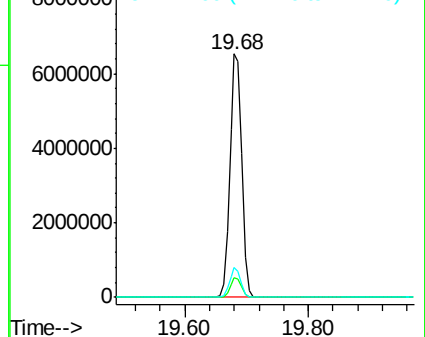
122 12.0 9.4 14.2



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# 2971

Delta R.T. -0.01 min

Lab File: BP002902.D

Acq: 31 Jul 2020 20:33

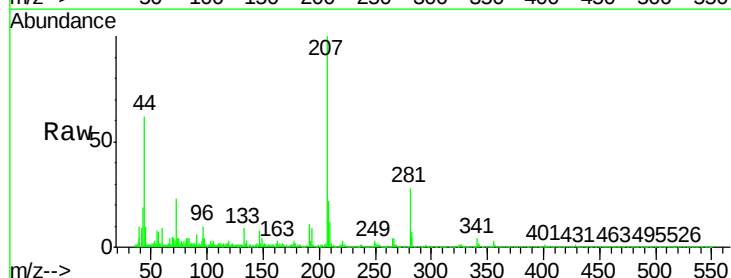
Tgt Ion:149 Resp: 969

Ion Ratio Lower Upper

149 100

91 134.6 60.5 90.7#

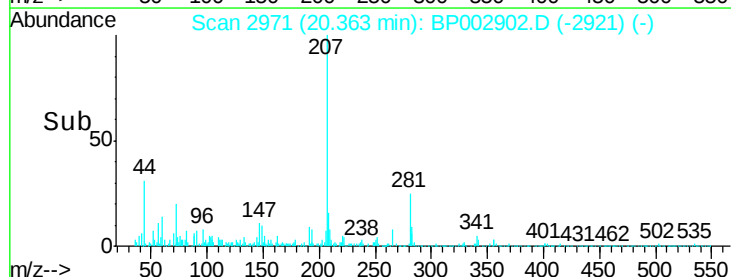
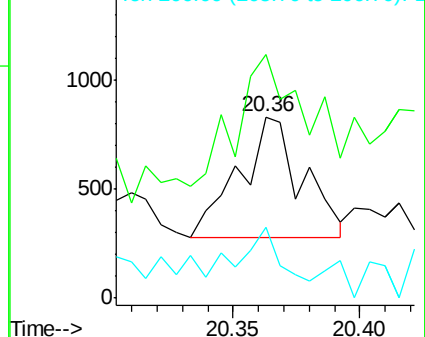
206 38.9 17.5 26.3#

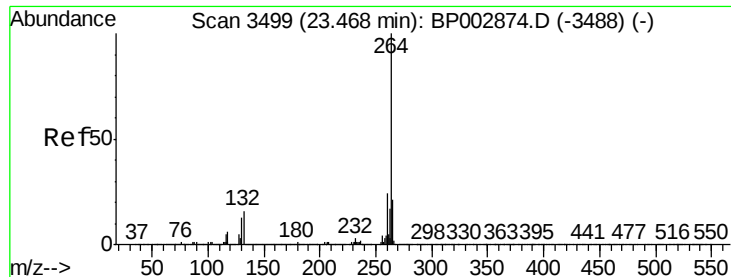


Abundance Ion 149.00 (148.70 to 149.70): E

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: BP002902.D
Acq: 31 Jul 2020 20:33

Instrument :
BNA_P
ClientSampleId :
TP-12

Tot Ion:264 Resp: 1567262

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.0	25.4

