

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 :

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						
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

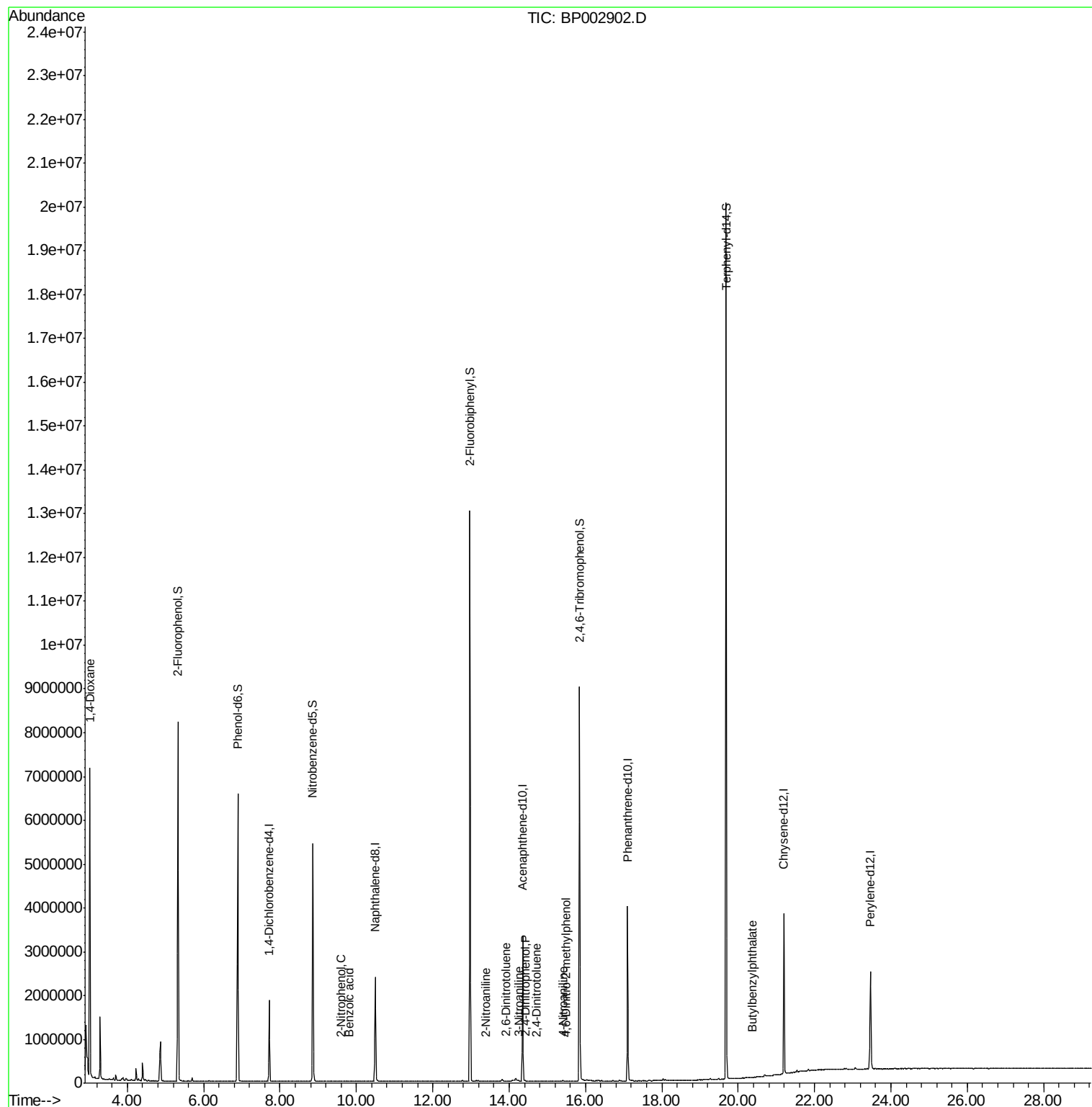
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.02	88	61929	4.265	ng	# 1
26) 2-Nitrophenol	9.61	139	72	4.524	ng	# 1
32) Benzoic acid	9.82	122	176	7.694	ng	93
48) 2-Nitroaniline	13.40	65	269	3.985	ng	# 27
51) 2,6-Dinitrotoluene	13.90	165	120	2.905	ng	# 20
53) 3-Nitroaniline	14.26	138	98	3.278	ng	# 27
54) 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

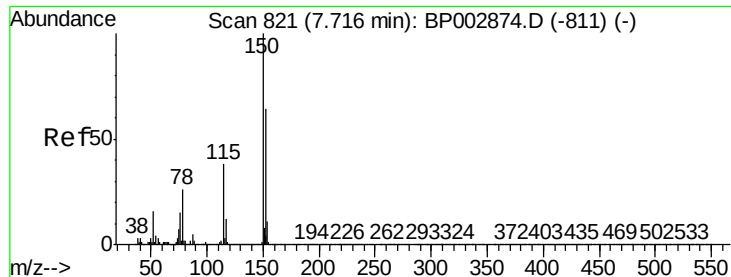
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
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 :

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



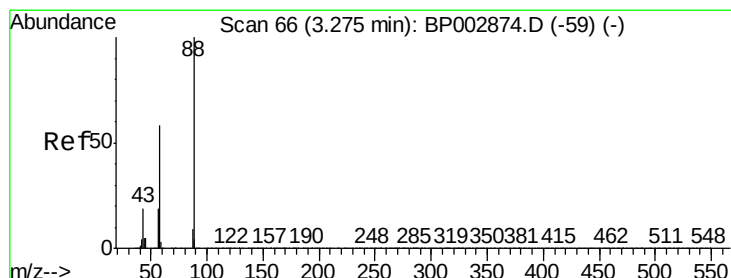
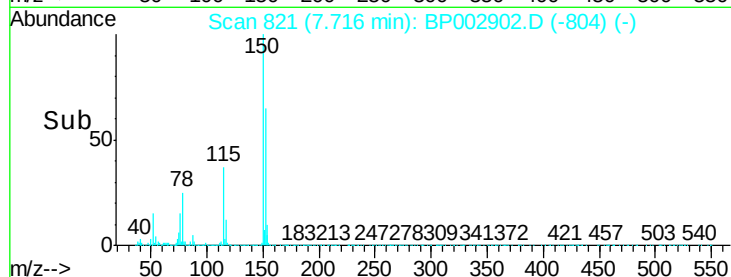
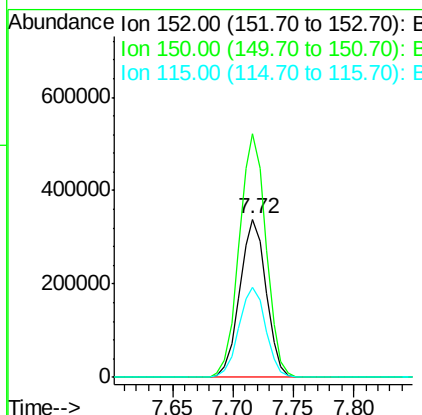
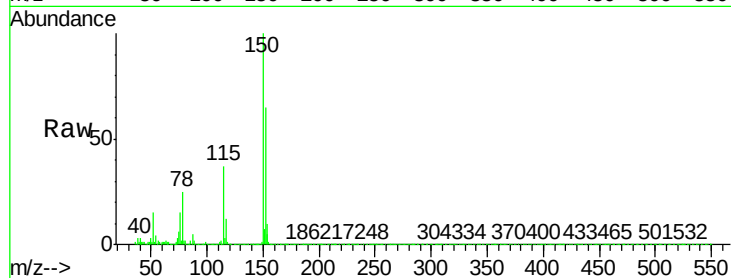


#1

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 :

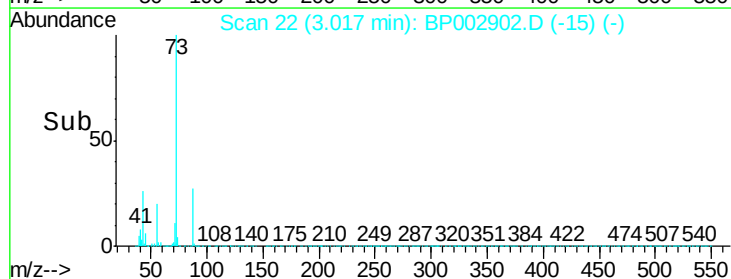
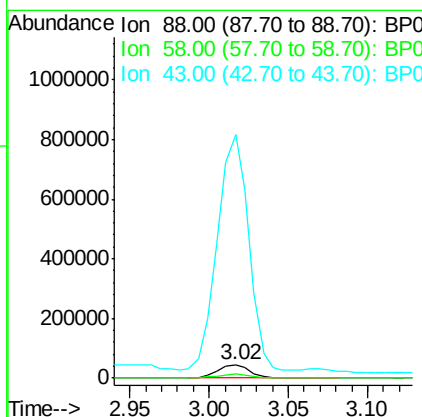
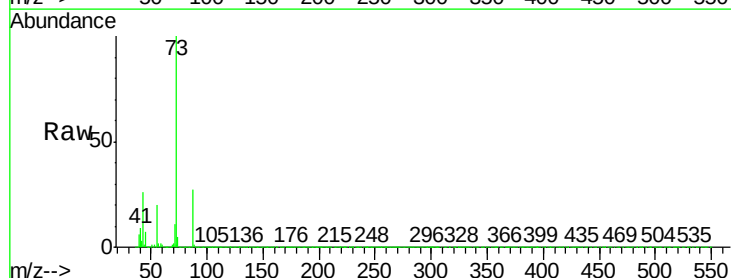
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.8	187.2
115	57.3	47.4	71.2

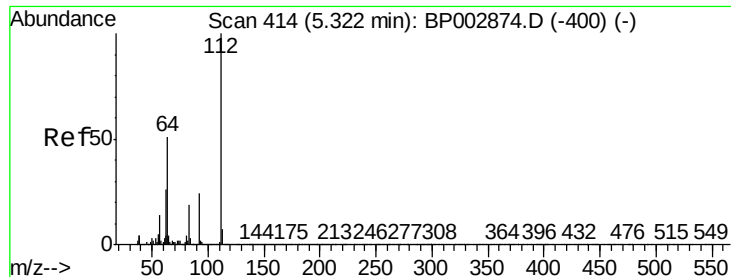


#2

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	Ratio	Lower	Upper
88	100		
58	25.2	47.4	71.0#
43	1739.5	15.2	22.8#





#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 :

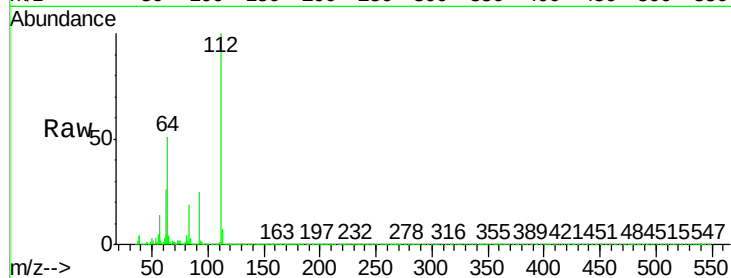
Tot Ion:112 Resp: 3794024

Ion Ratio Lower Upper

112 100

64 51.2 41.0 61.6

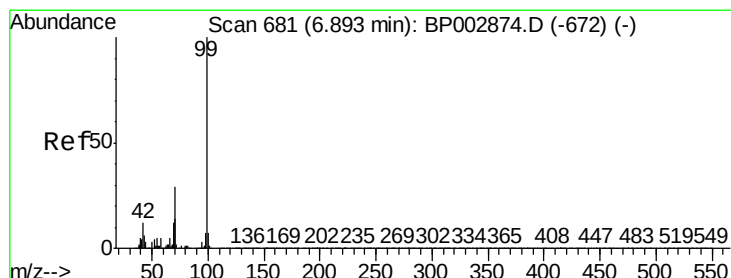
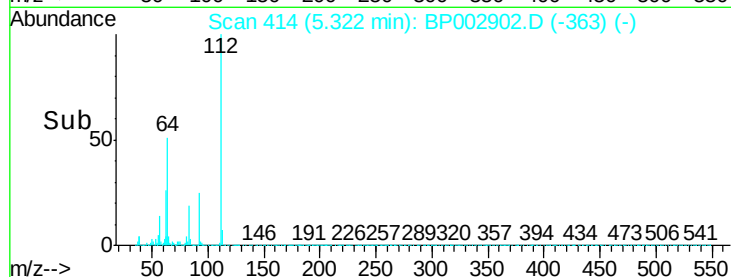
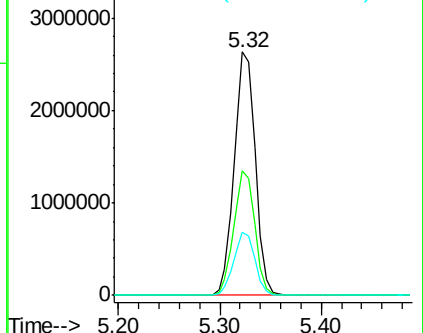
63 26.0 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): B

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

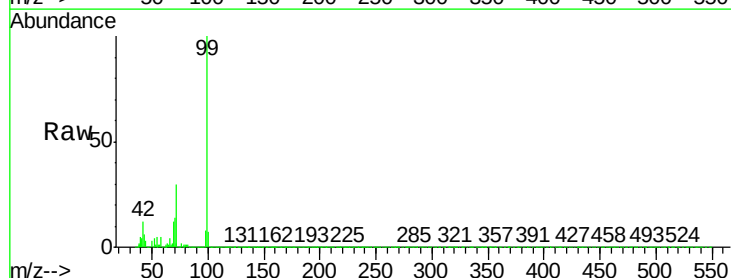
Tgt Ion: 99 Resp: 4246142

Ion Ratio Lower Upper

99 100

42 11.8 9.3 13.9

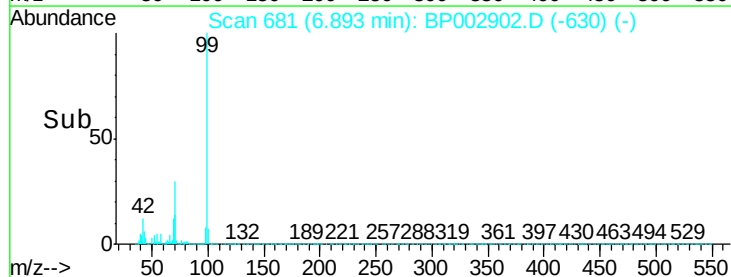
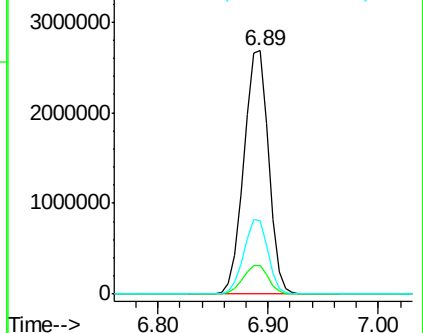
71 30.0 23.5 35.3

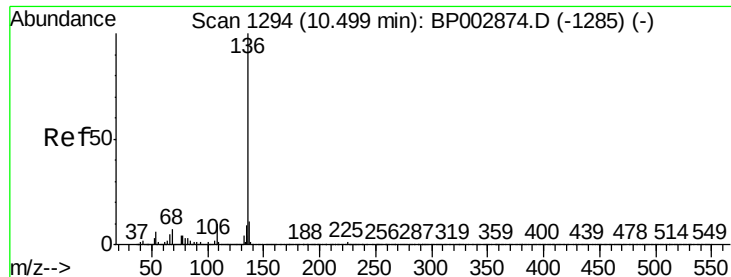


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

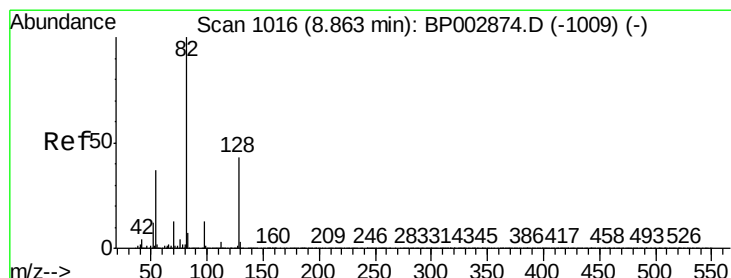
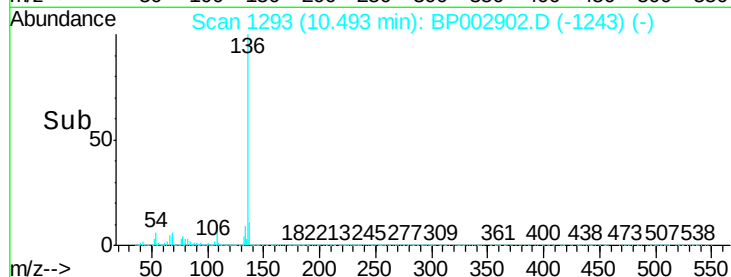
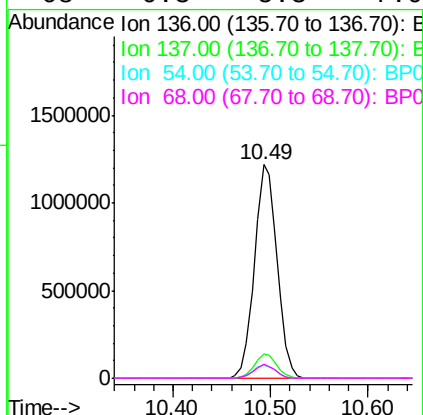
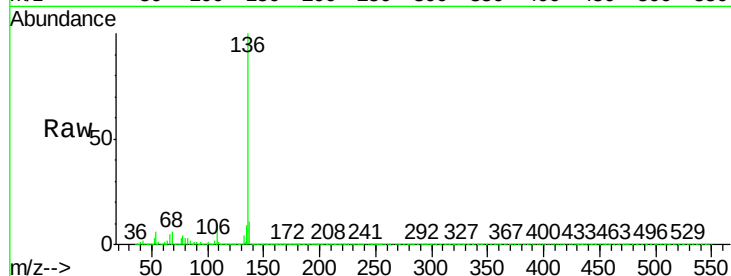




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

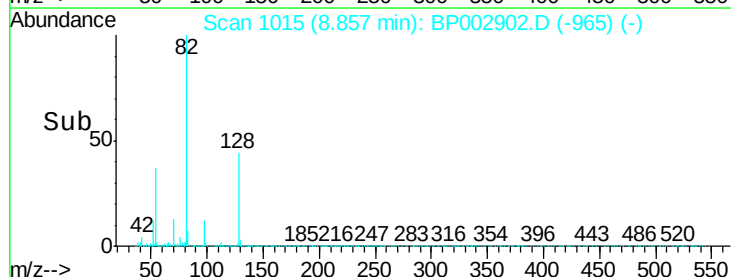
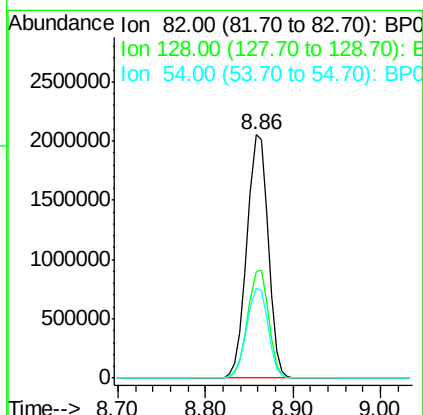
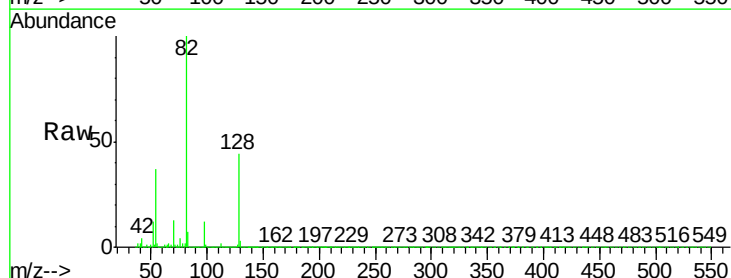
Instrument :
BNA_P
ClientSampleId :

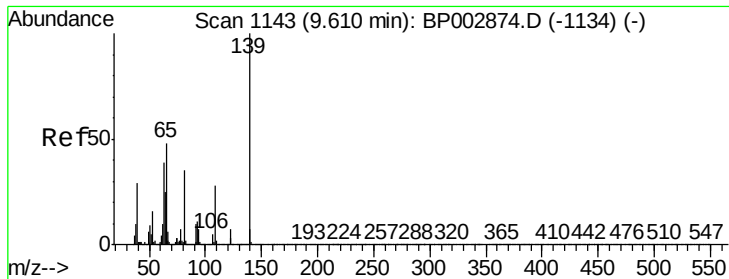
Tot Ion:136	Resp: 1987383
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 6.3	5.1 7.7
68 6.3	5.3 7.9



#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

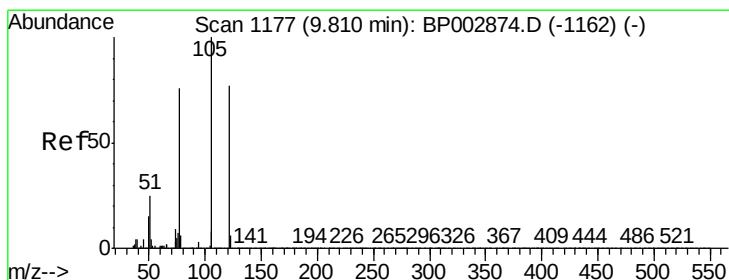
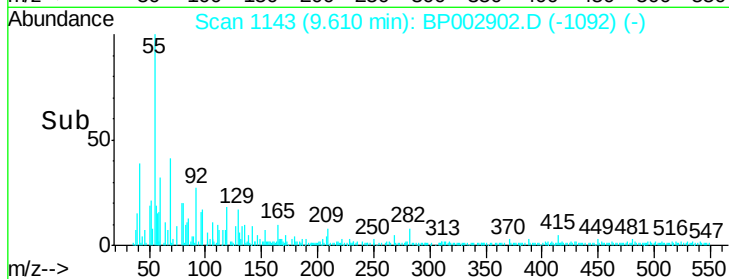
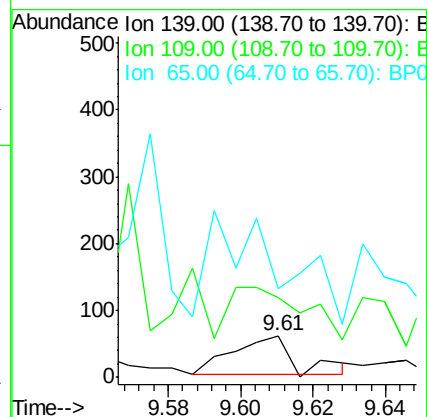
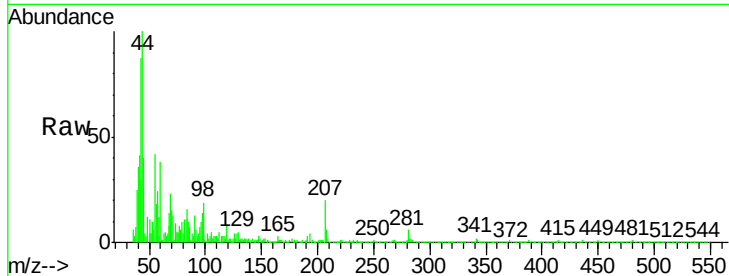




#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

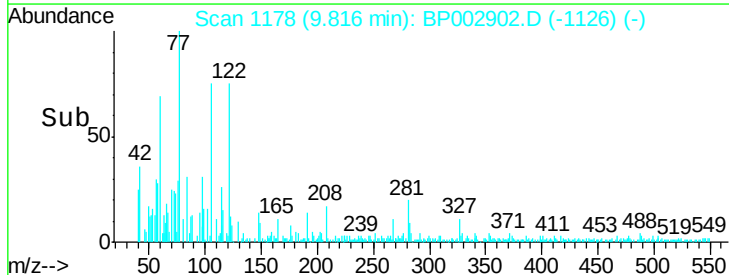
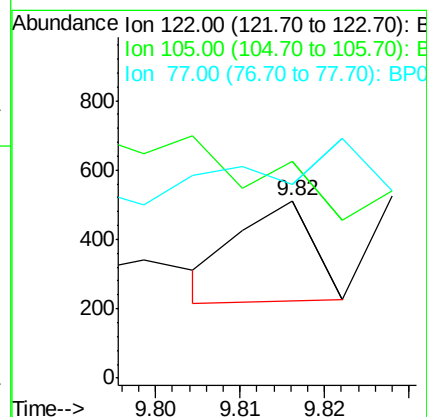
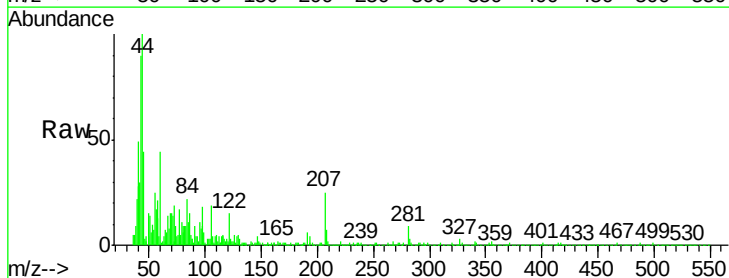
Instrument :
BNA_P
ClientSampled :

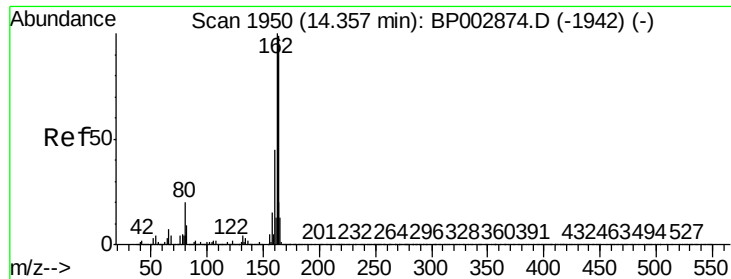
Tot Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 170.0 22.2 33.2#
65 188.6 38.9 58.3#



#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:122 Resp: 176
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

ClientSampleId :

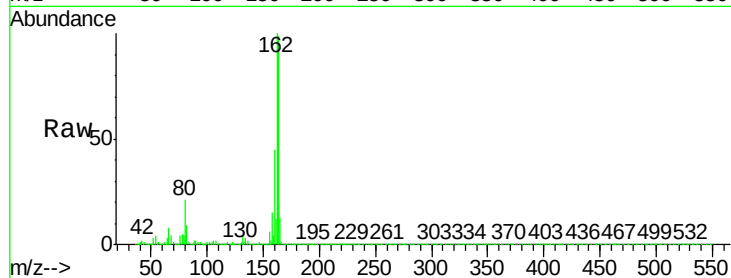
Tot Ion:164 Resp: 1136384

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	45.0	36.2	54.4

164 100

162 100.9 81.0 121.6

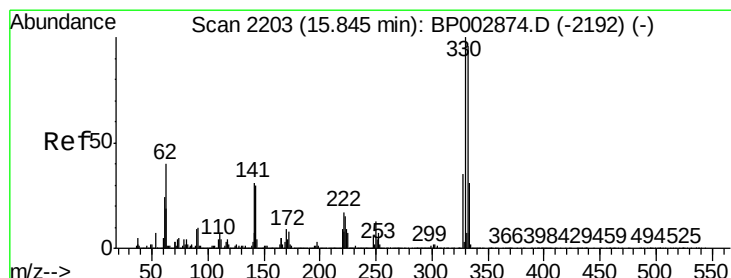
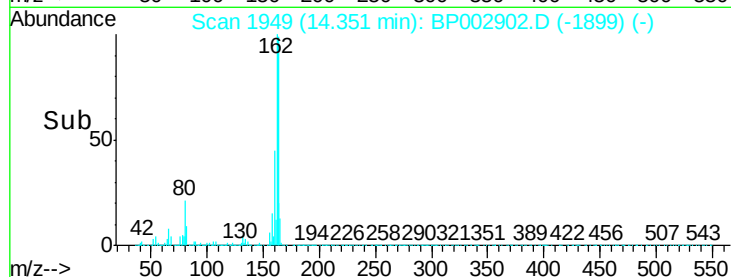
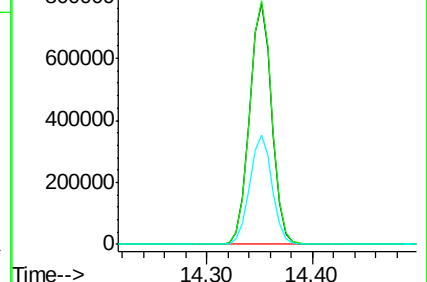
160 45.0 36.2 54.4



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



#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

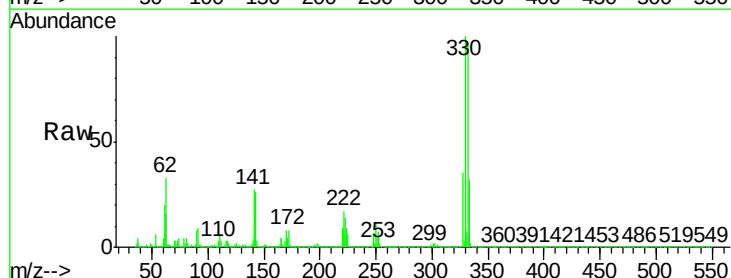
Tgt Ion:330 Resp: 1900076

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	29.5	24.6	37.0

330 100

332 96.3 77.1 115.7

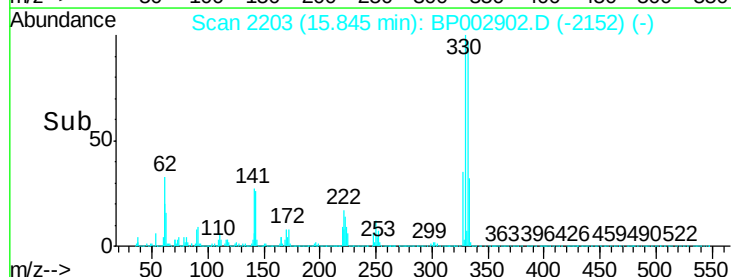
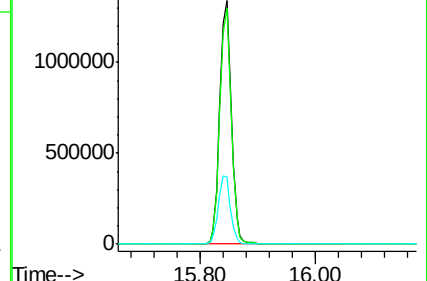
141 29.5 24.6 37.0

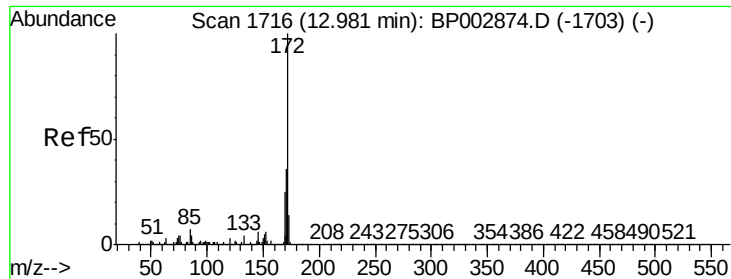


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

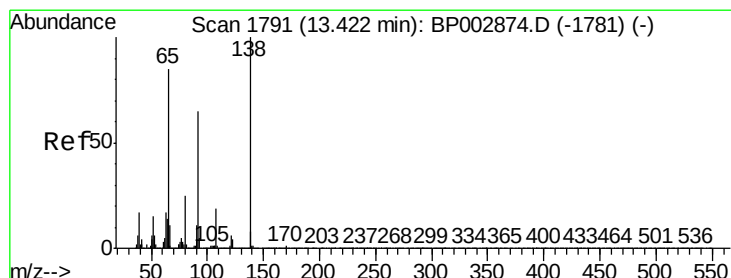
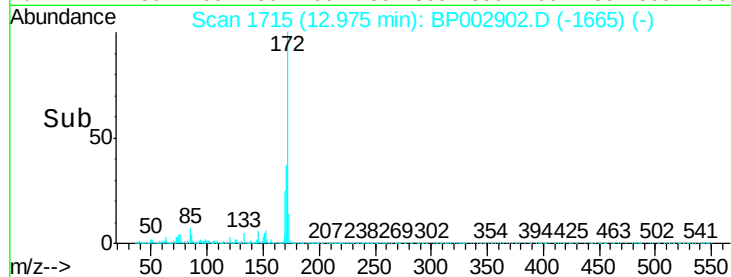
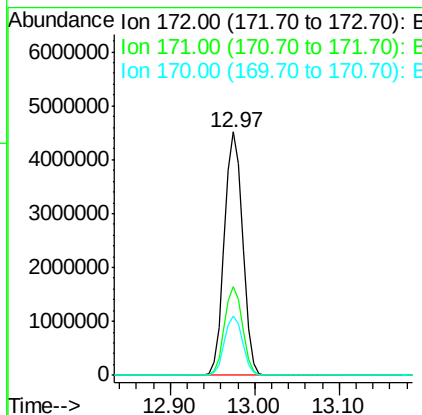
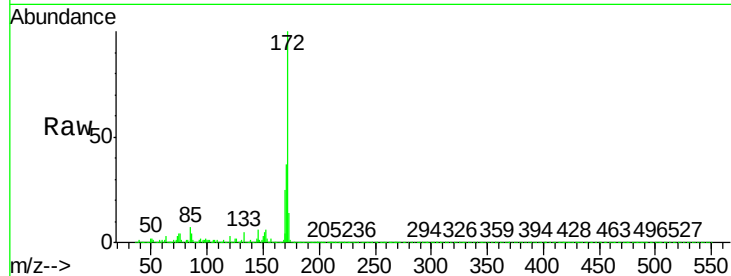




#45
2-Fluorobiphenyl
Concen: 81.159 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

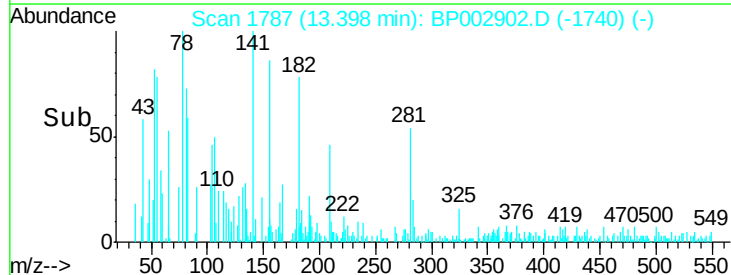
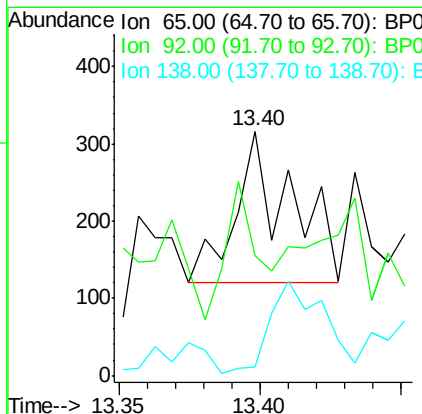
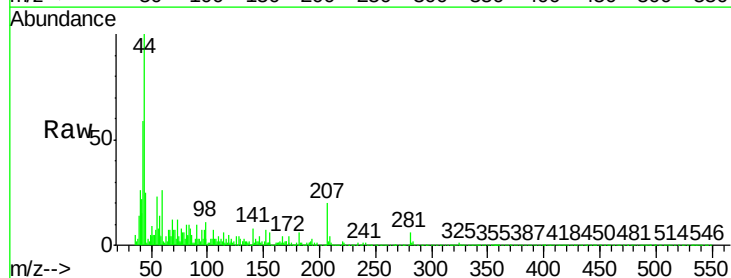
Instrument :
BNA_P
ClientSampleId :

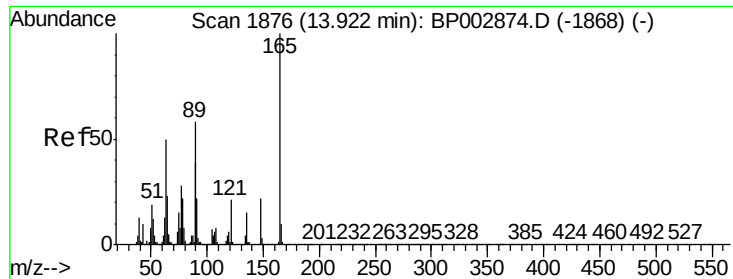
Tot Ion:172 Resp: 6750158
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.5 19.6 29.4



#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#

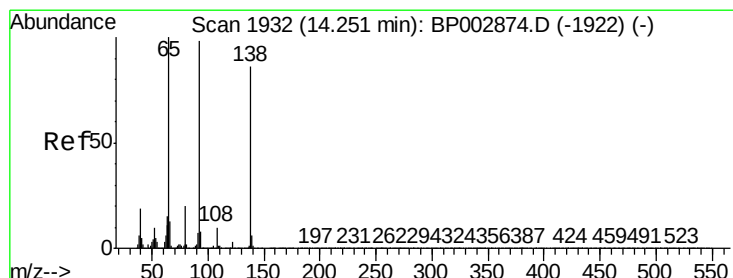
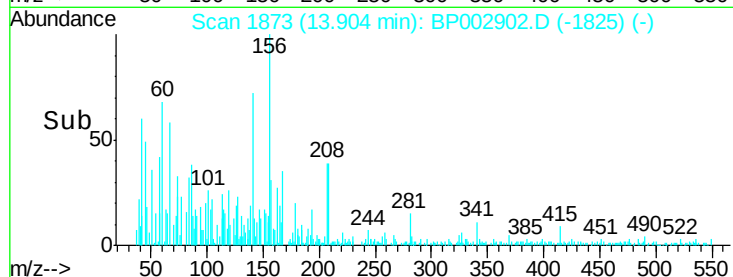
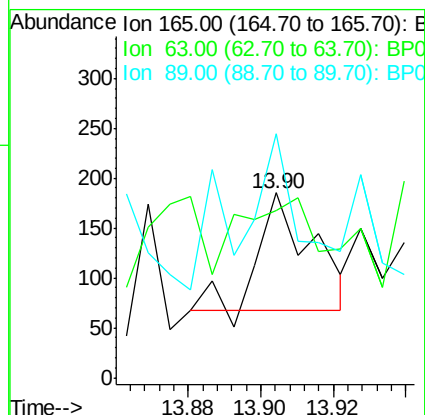
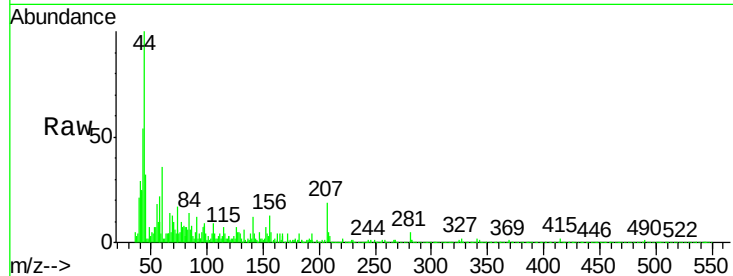




#51
2,6-Dinitrotoluene
Concen: 2.905 ng
RT: 13.90 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

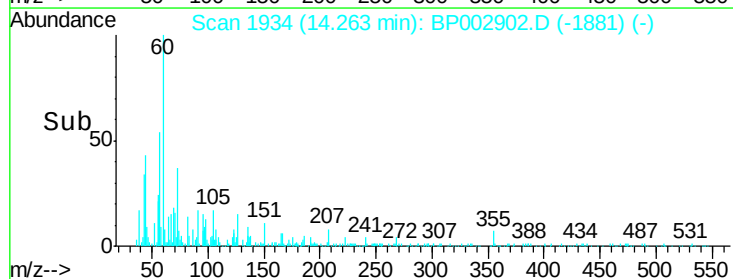
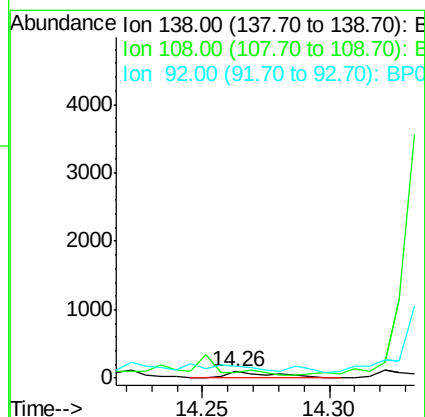
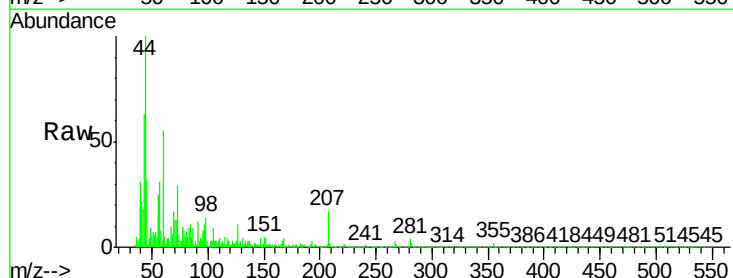
Instrument :
BNA_P
ClientSampled :

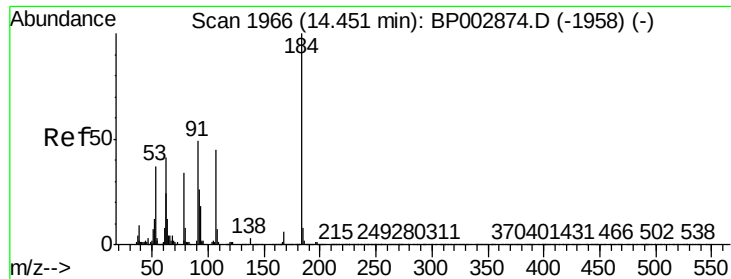
Tot Ion:165 Resp: 120
Ion Ratio Lower Upper
165 100
63 90.3 40.3 60.5#
89 131.9 46.5 69.7#



#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#

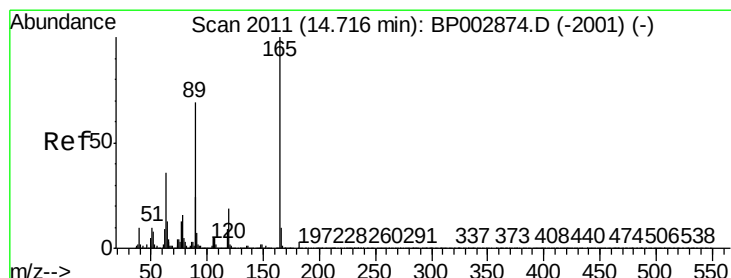
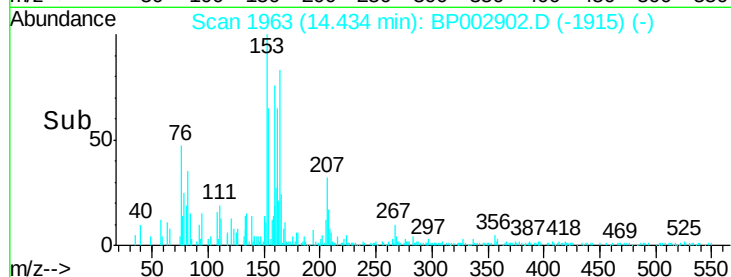
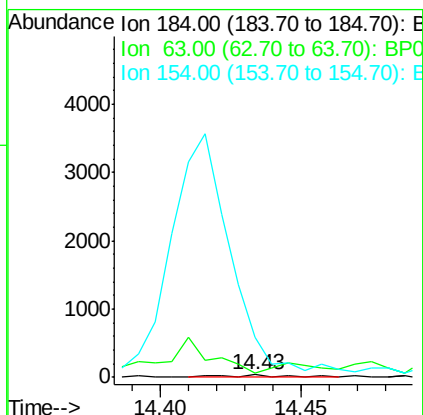
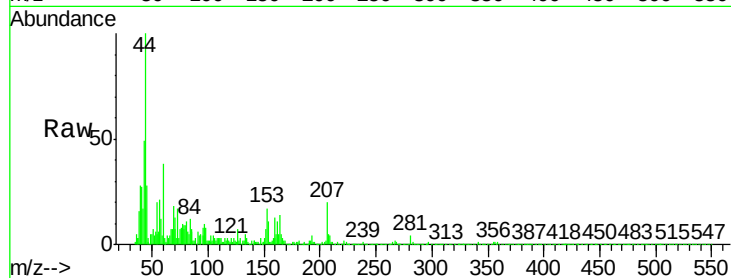




#54
2,4-Dinitrophenol
Concen: 8.063 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

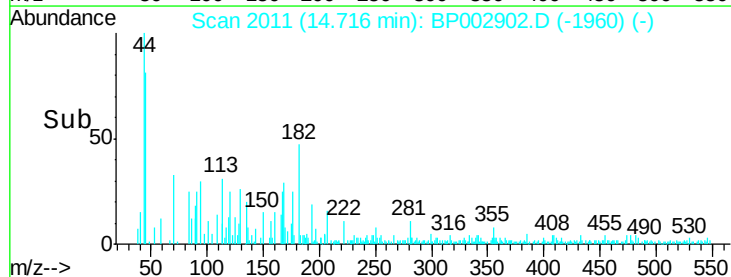
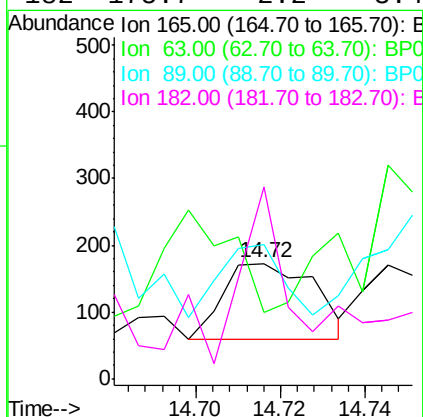
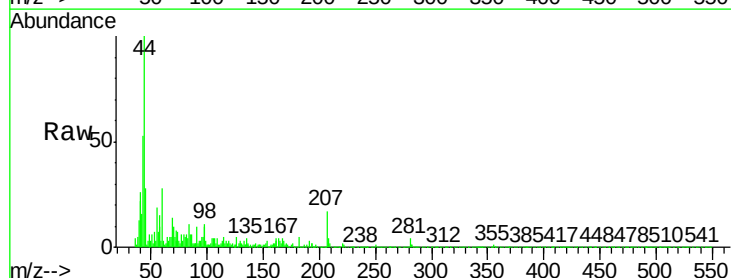
Instrument :
BNA_P
ClientSampled :

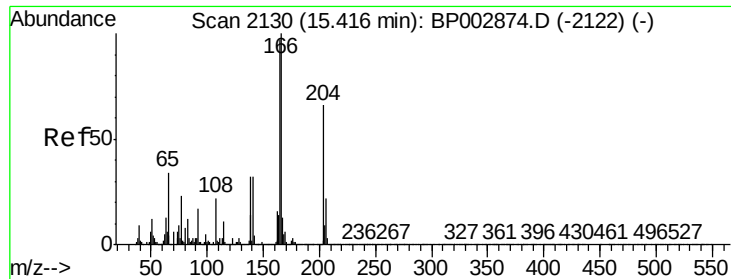
Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 184.2 50.3 75.5#
154 1536.8 50.6 76.0#



#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#

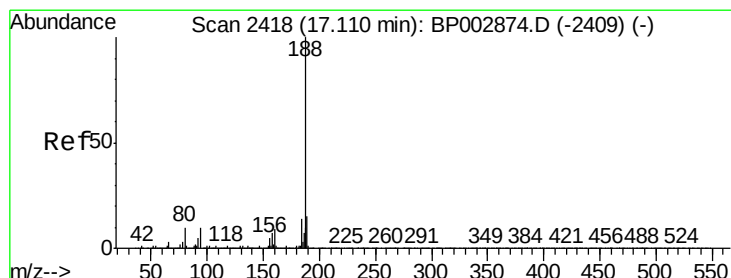
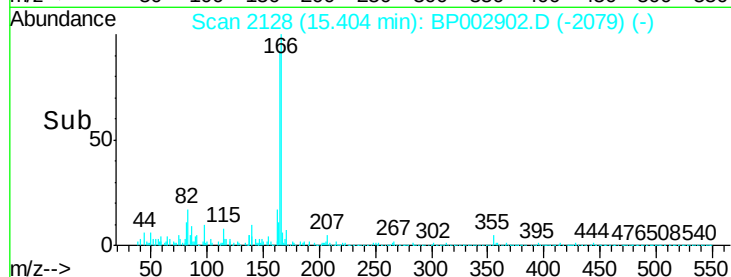
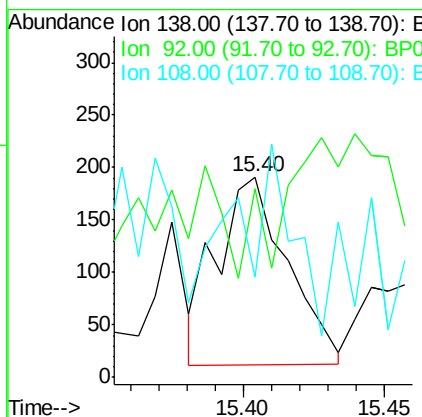
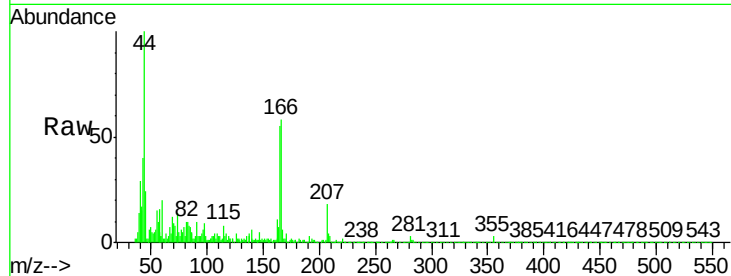




#62
4-Nitroaniline
Concen: 2.430 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

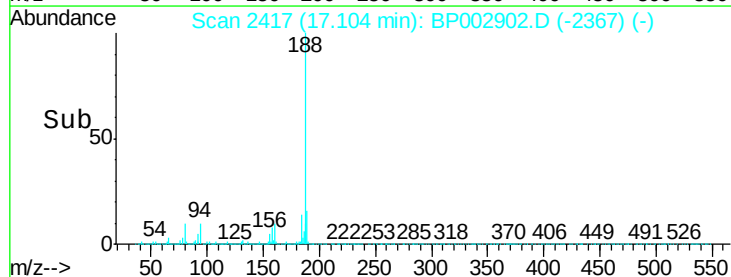
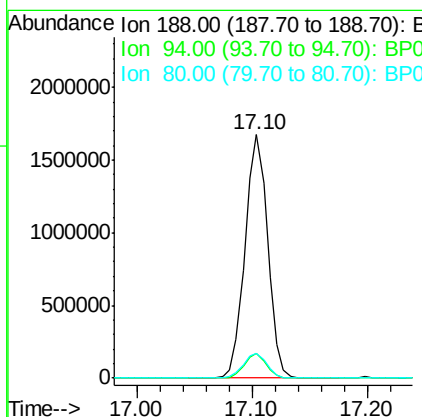
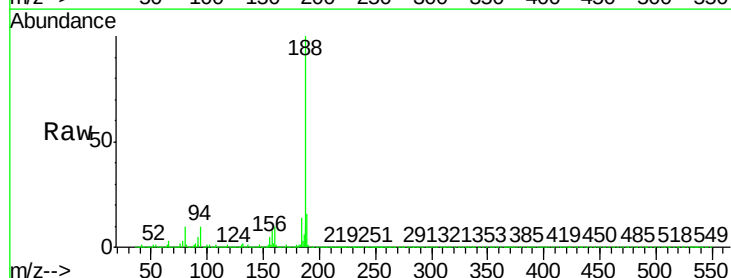
Instrument :
BNA_P
ClientSampleId :

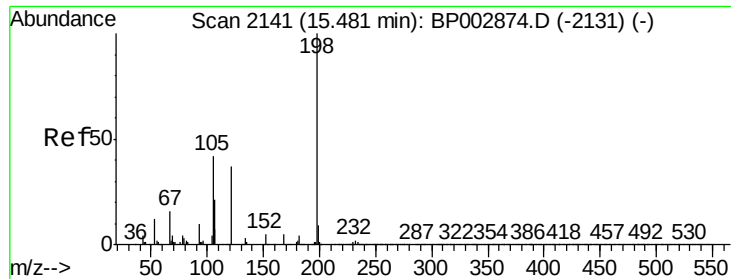
Tot Ion:138 Resp: 313
Ion Ratio Lower Upper
138 100
92 94.2 32.2 72.2#
108 50.3 50.0 90.0



#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

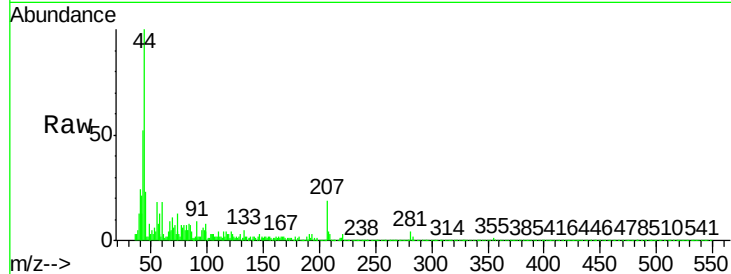




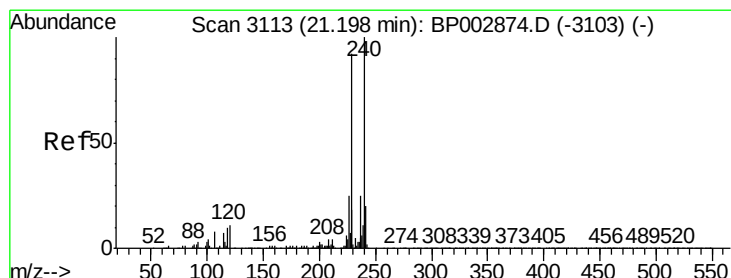
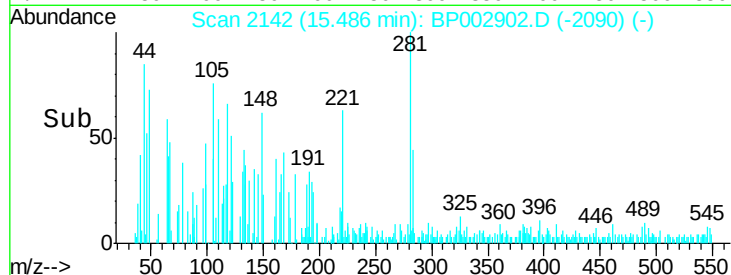
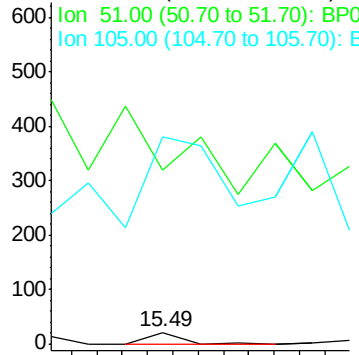
#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.49 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

Instrument :
BNA_P
ClientSampled :

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#

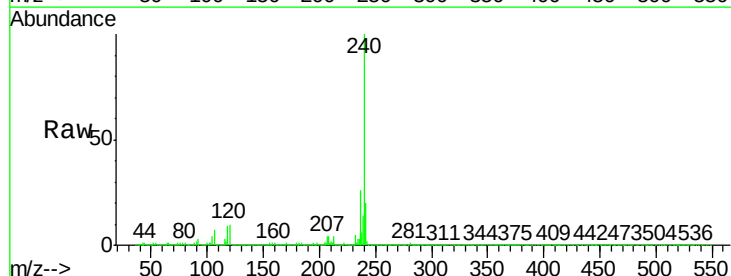


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

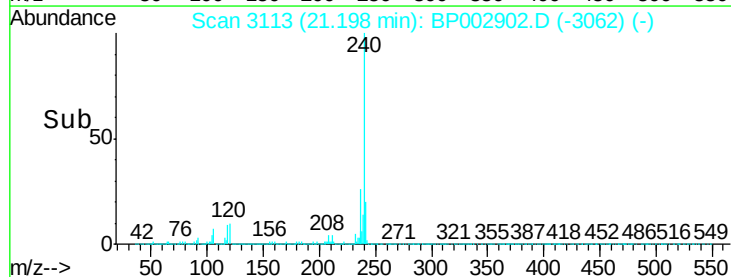
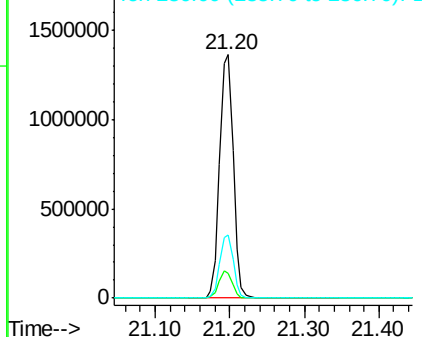


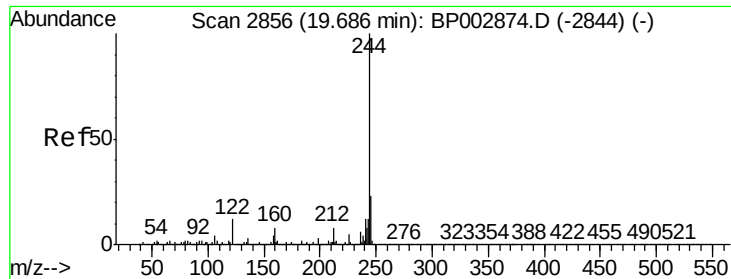
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002902.D
Acq: 31 Jul 2020 20:33

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

ClientSampleId :

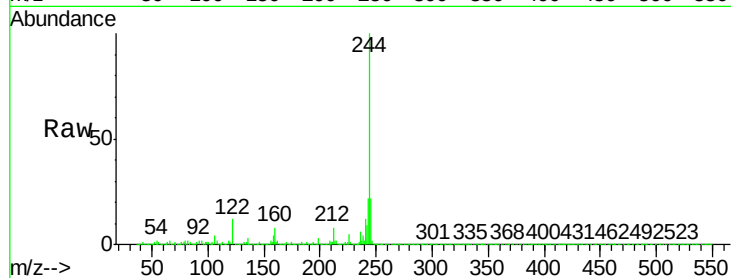
Tot Ion:244 Resp: 8748480

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

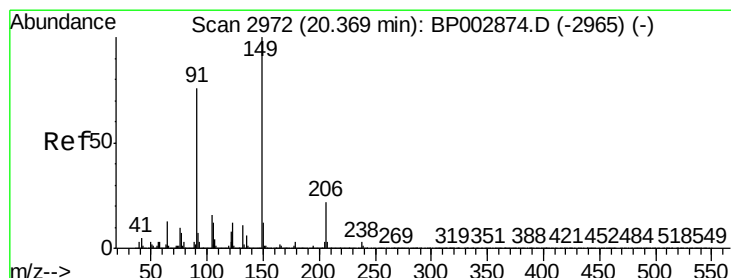
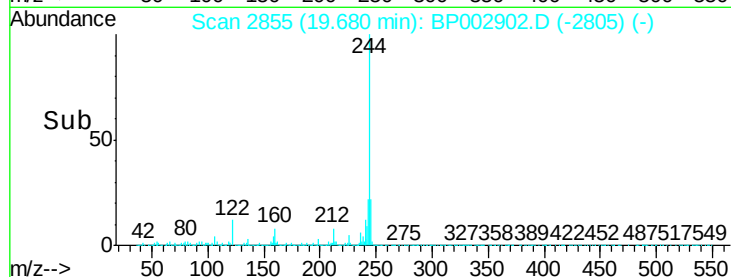
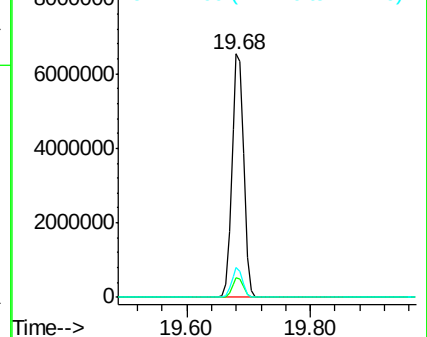
122 12.0 9.4 14.2



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

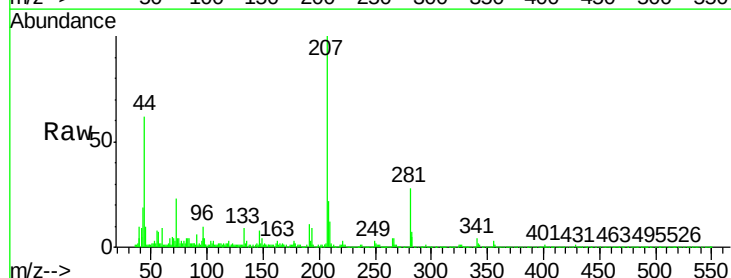
Tgt Ion:149 Resp: 969

Ion Ratio Lower Upper

149 100

91 134.6 60.5 90.7#

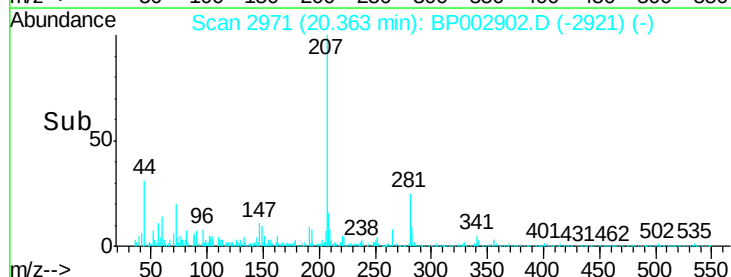
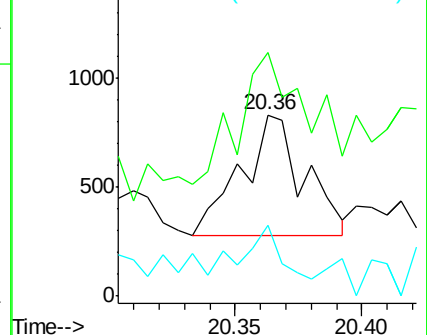
206 38.9 17.5 26.3#

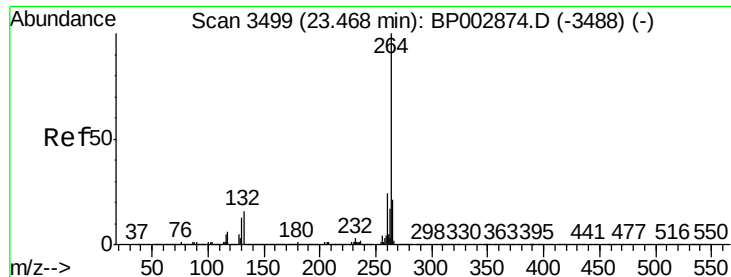


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

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

