

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002891.D
 Acq On : 31 Jul 2020 13:34
 Operator : CG/JU
 Sample : PB130626TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 31 14:52:20 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	620889	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2470558	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1535272	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	3280194	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2850504	20.00	ng	0.00
86) Perylene-d12	23.47	264	2472797	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	4493470	110.76	ng	0.00
7) Phenol-d6	6.89	99	5663414	100.55	ng	0.00
23) Nitrobenzene-d5	8.86	82	3482078	76.34	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2136697	111.98	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	7719478	68.70	ng	0.00
79) Terphenyl-d14	19.69	244	9833522	69.06	ng	0.00

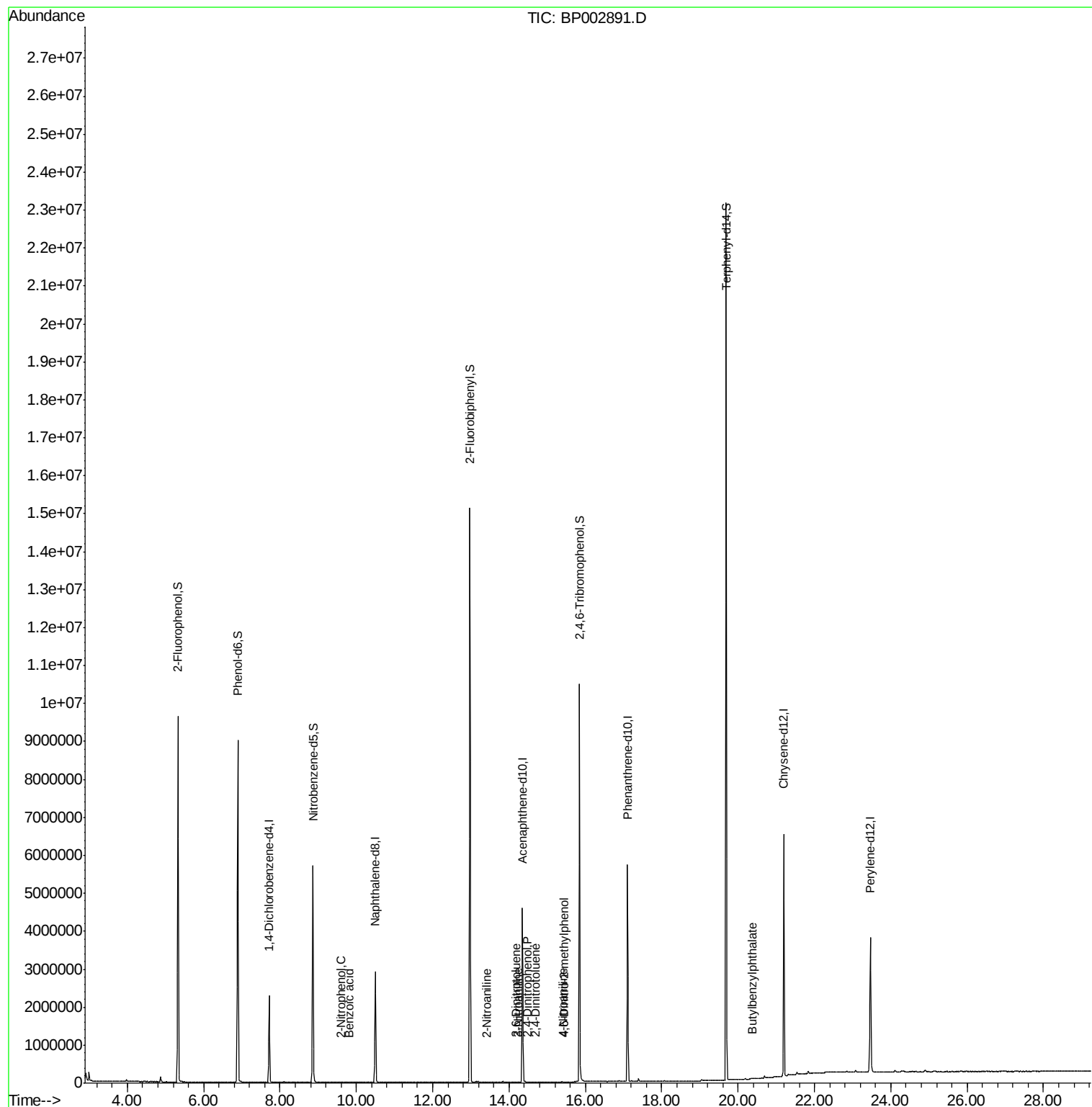
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.61	139	62	4.523	ng	# 1
32) Benzoic acid	9.81	122	318	7.698	ng	# 60
48) 2-Nitroaniline	13.40	65	202	3.979	ng	# 33
51) 2,6-Dinitrotoluene	14.19	165	107	2.903	ng	# 93
53) 3-Nitroaniline	14.23	138	69	3.276	ng	# 64
54) 2,4-Dinitrophenol	14.46	184	35	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	124	3.809	ng	# 32
62) 4-Nitroaniline	15.42	138	48	2.418	ng	# 31
65) 4,6-Dinitro-2-methylphenol	15.45	198	21	6.901	ng	# 1
80) Butylbenzylphthalate	20.36	149	447	3.063	ng	# 41

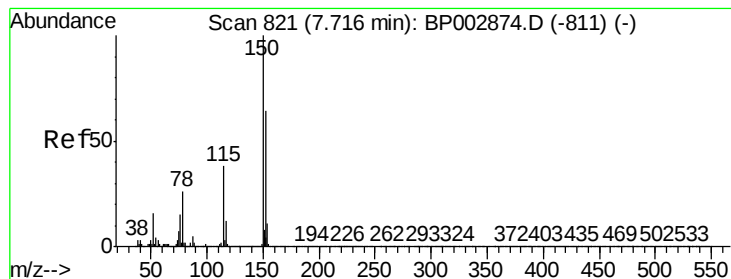
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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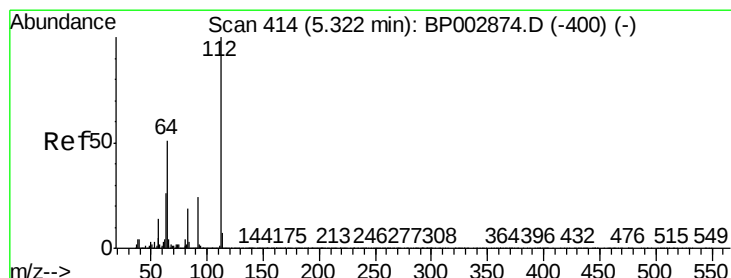
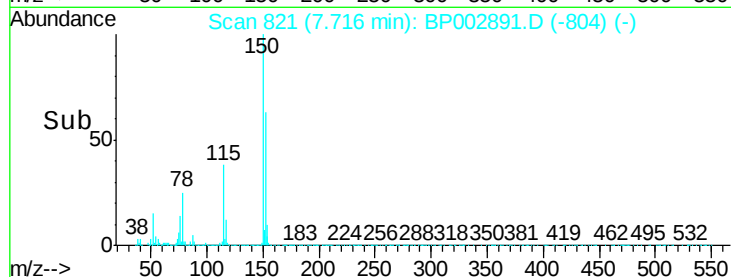
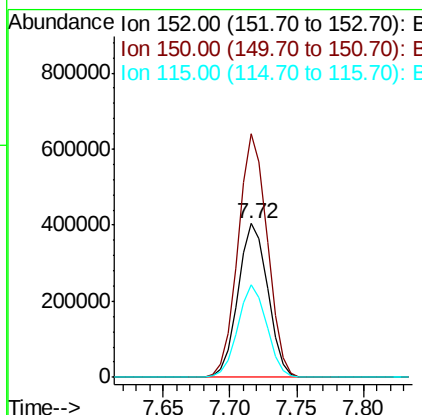
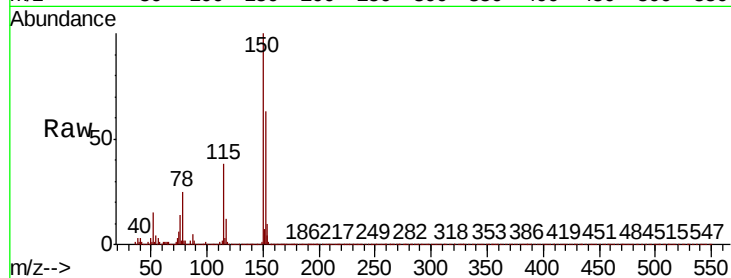


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Instrument :
BNA_P
ClientSampleId :

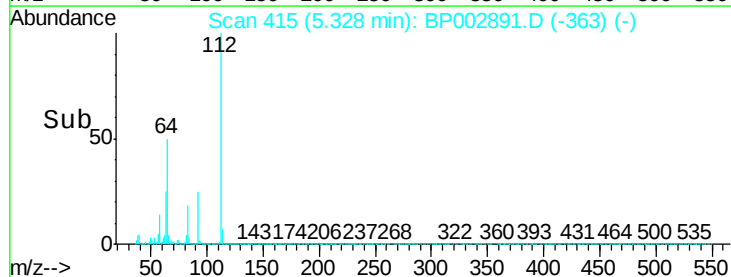
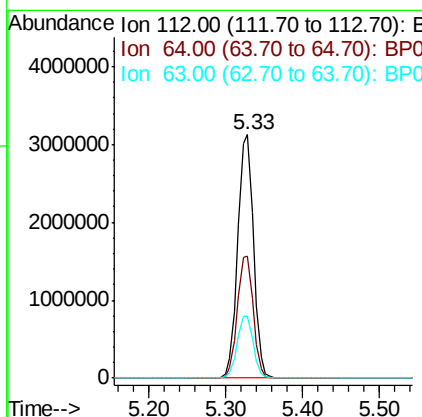
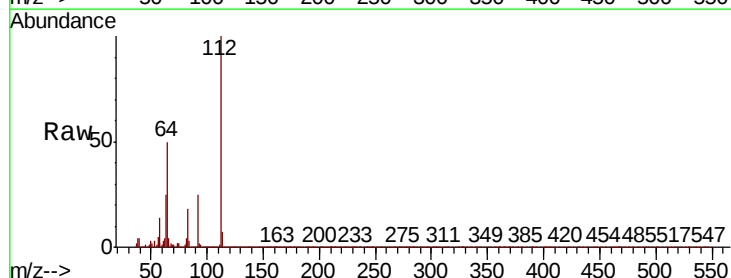
Tot Ion	152	Resp	620889
Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.8	187.2
115	60.6	47.4	71.2

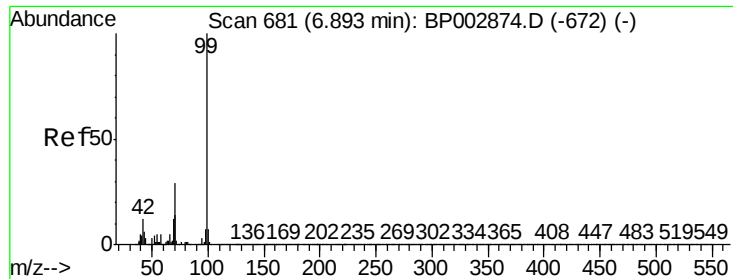


#5

2-Fluorophenol
Concen: 110.764 ng
RT: 5.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Tgt Ion	112	Resp	4493470
Ion	Ratio	Lower	Upper
112	100		
64	50.2	41.0	61.6
63	25.4	20.7	31.1





#7

Phenol-d6

Concen: 100.552 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002891.D

Acq: 31 Jul 2020 13:34

Instrument :

BNA_P

ClientSampleId :

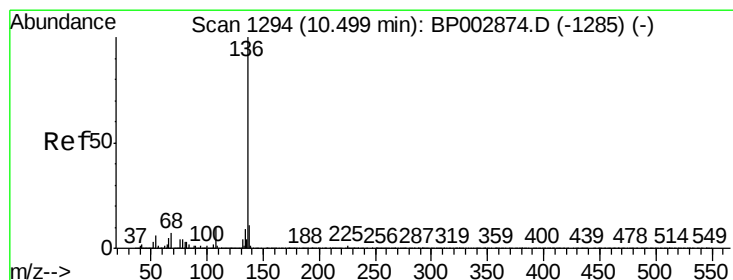
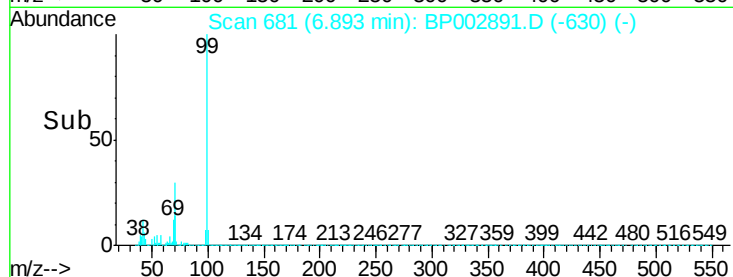
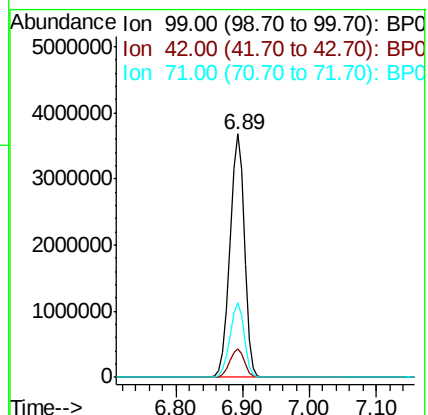
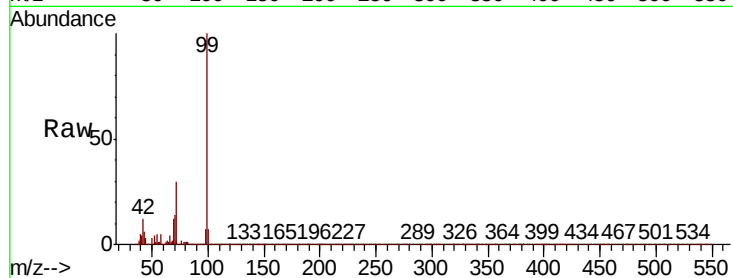
Tot Ion: 99 Resp: 5663414

Ion Ratio Lower Upper

99 100

42 11.6 9.3 13.9

71 30.4 23.5 35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BP002891.D

Acq: 31 Jul 2020 13:34

Tgt Ion: 136 Resp: 2470558

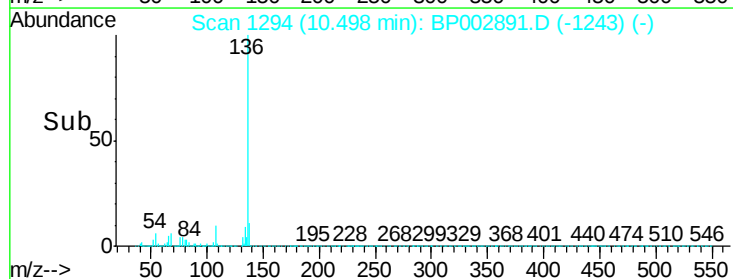
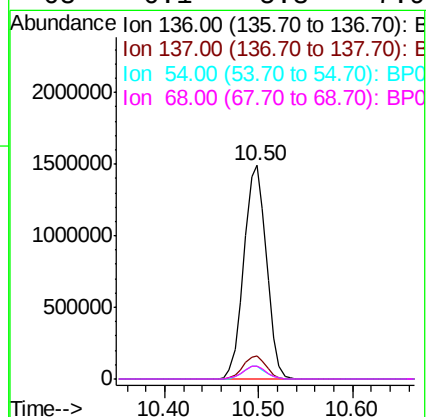
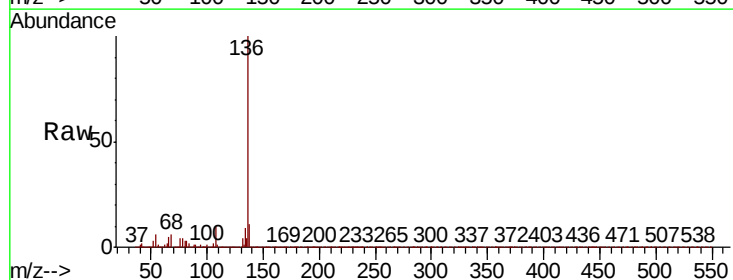
Ion Ratio Lower Upper

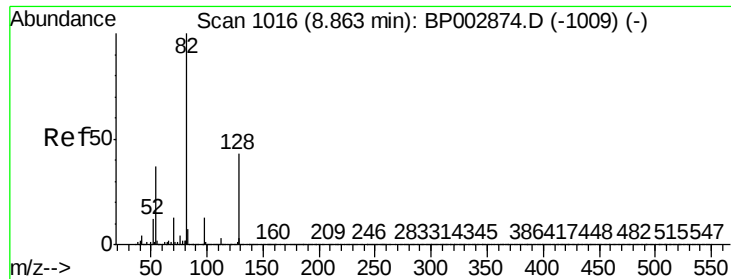
136 100

137 10.9 8.6 13.0

54 6.1 5.1 7.7

68 6.1 5.3 7.9

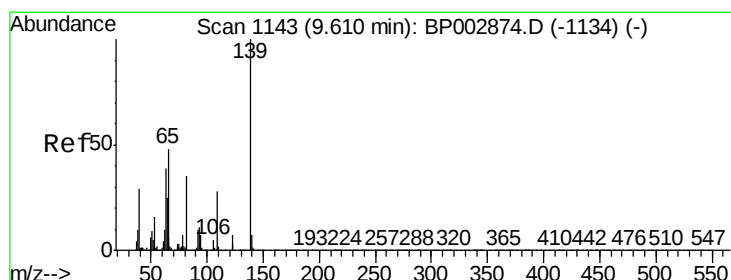
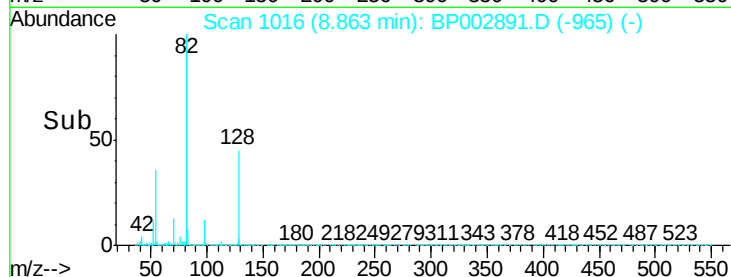
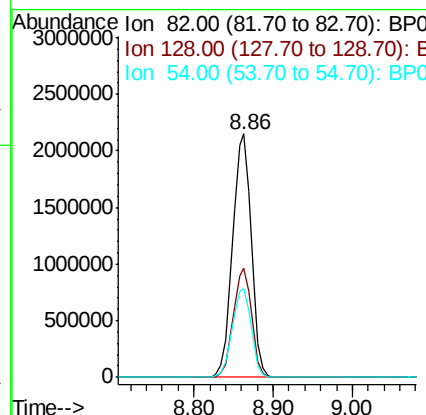
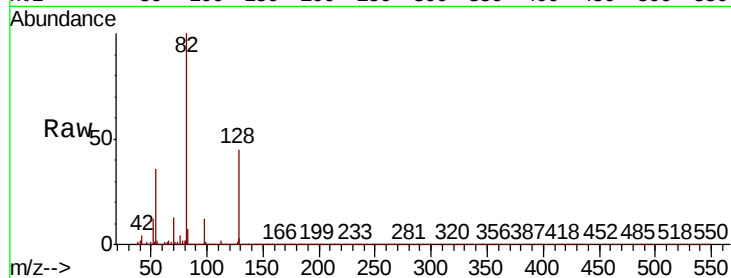




#23
Nitrobenzene-d5
Concen: 76.338 ng
RT: 8.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

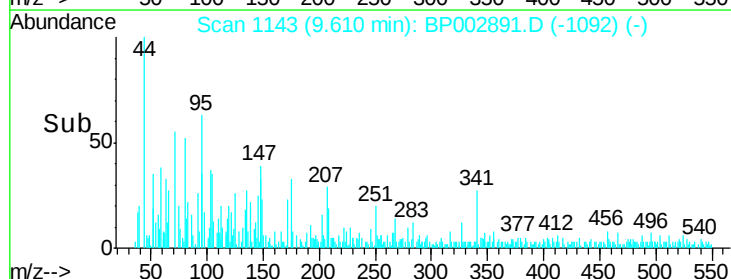
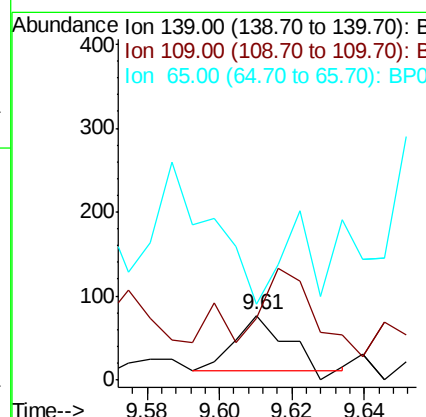
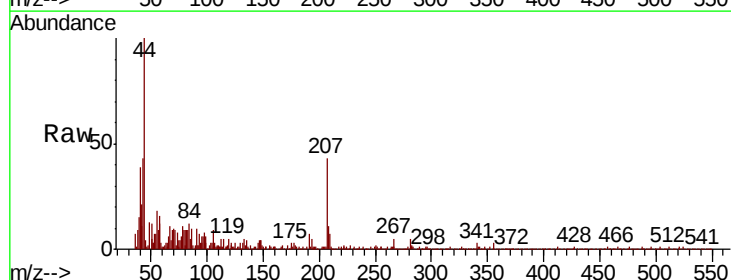
Instrument :
BNA_P
ClientSampleId :

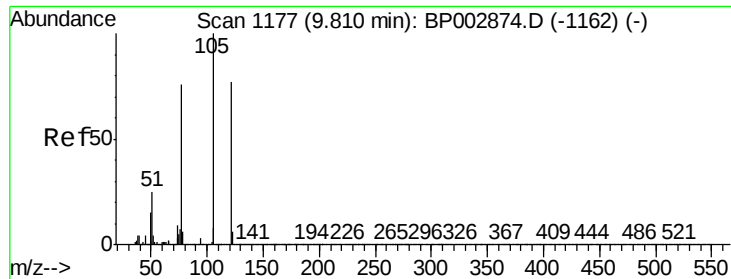
Tot Ion: 82 Resp: 3482078
Ion Ratio Lower Upper
82 100
128 44.6 34.6 52.0
54 36.4 29.5 44.3



#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 96.1 22.2 33.2#
65 116.9 38.9 58.3#

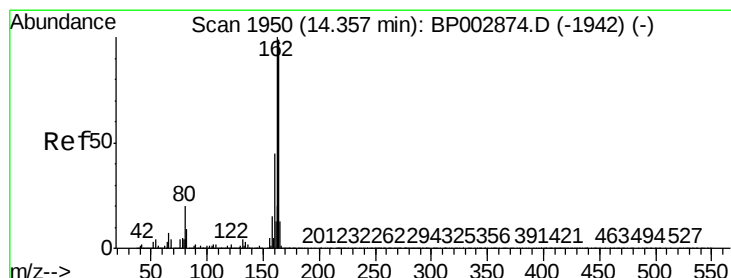
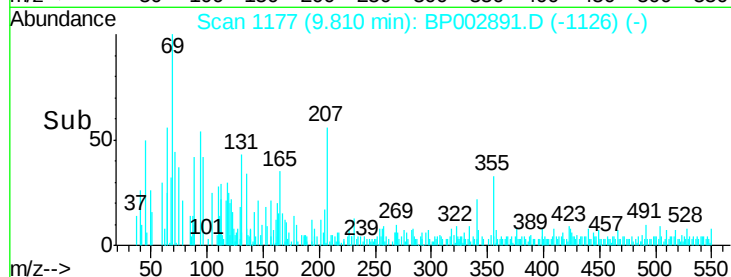
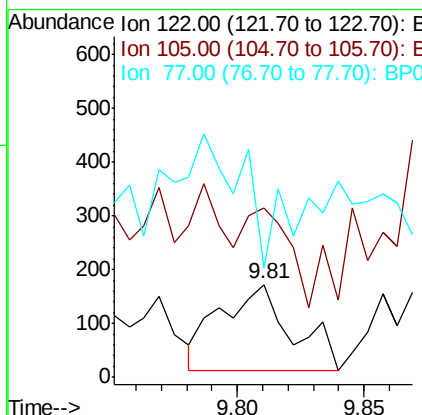
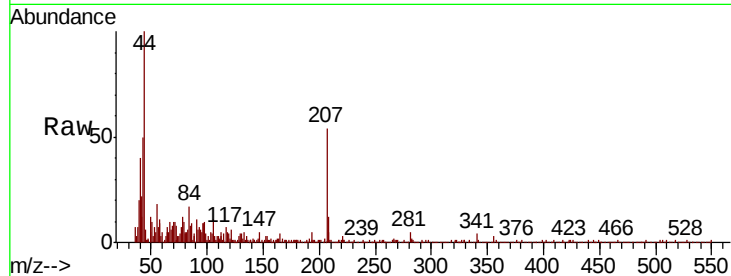




#32
Benzoic acid
Concen: 7.698 ng
RT: 9.81 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

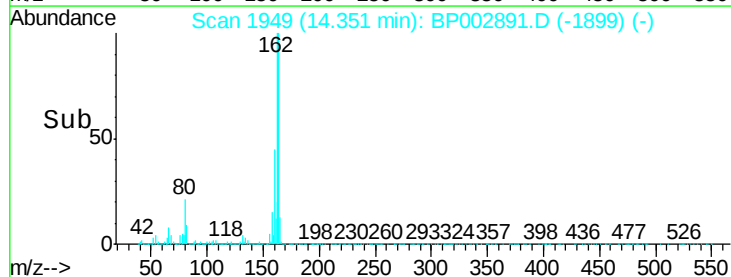
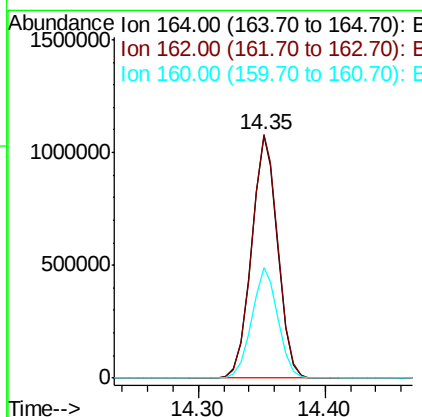
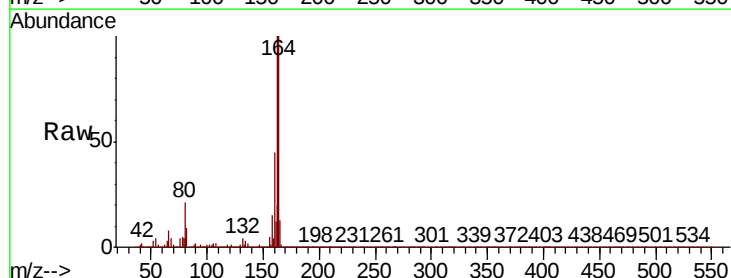
Instrument :
BNA_P
ClientSampleId :

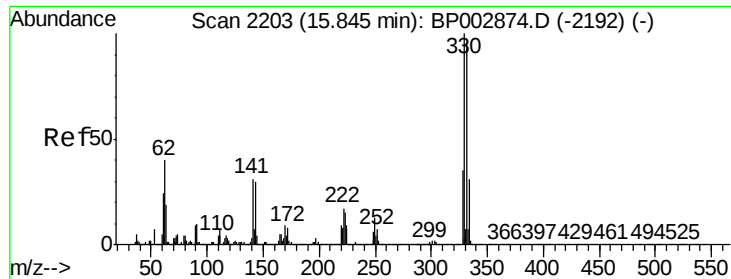
Tot Ion	Ratio	Lower	Upper
122	100		
105	182.7	103.4	143.4#
77	117.9	74.6	114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	45.3	36.2	54.4

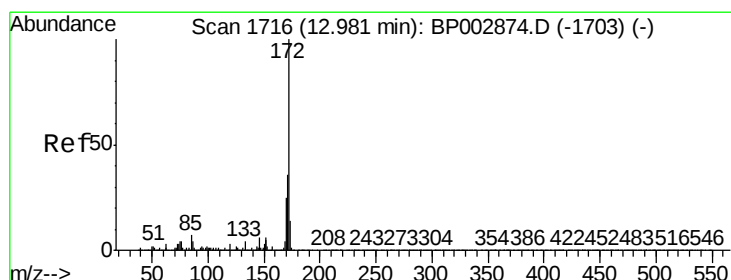
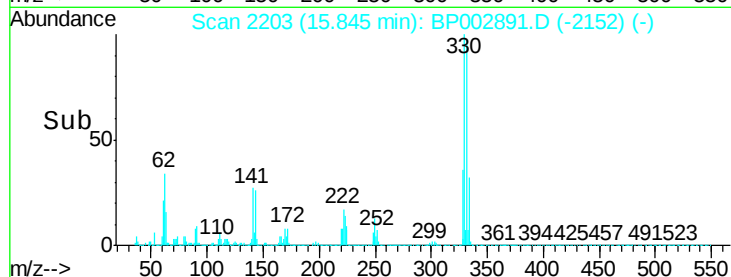
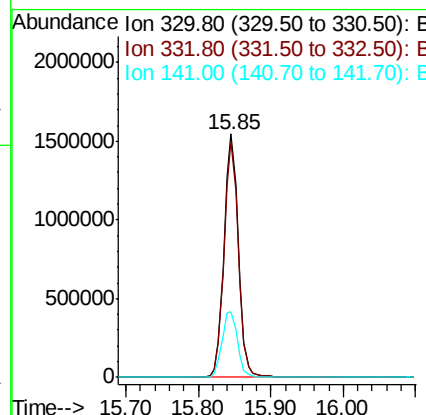
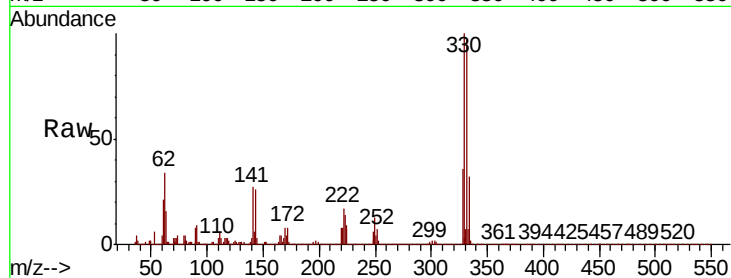




#42
2,4,6-Tribromophenol
Concen: 111.976 ng
RT: 15.85 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

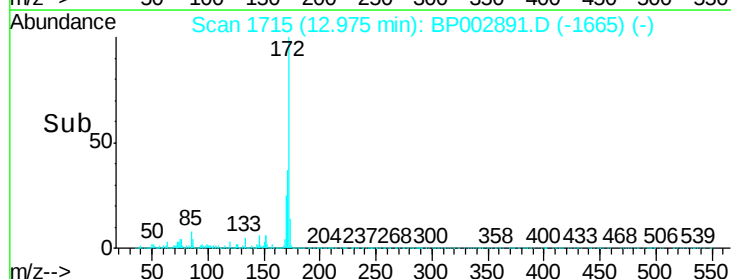
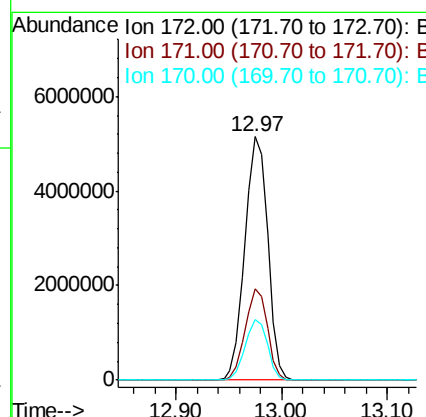
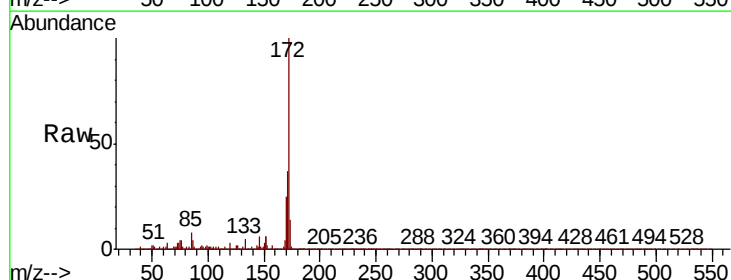
Instrument :
BNA_P
ClientSampleId :

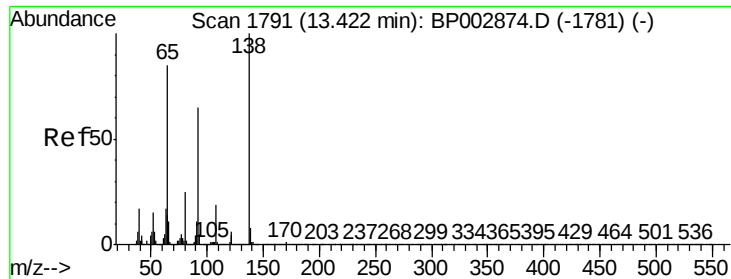
Tot Ion:330 Resp: 2136697
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.3 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 68.699 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Tgt Ion:172 Resp: 7719478
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 25.1 19.6 29.4





#48

2-Nitroaniline

Concen: 3.979 ng

RT: 13.40 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BP002891.D

Acq: 31 Jul 2020 13:34

Instrument :

BNA_P

ClientSampleId :

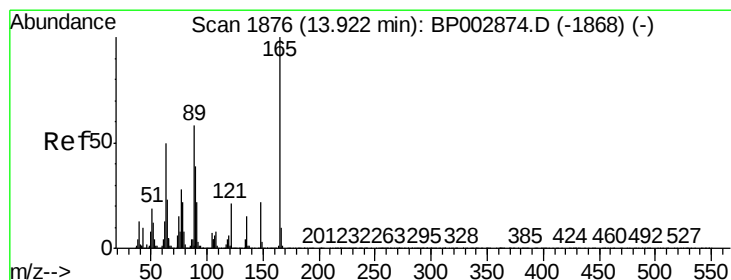
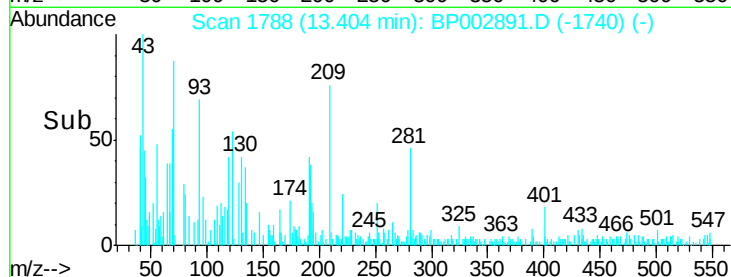
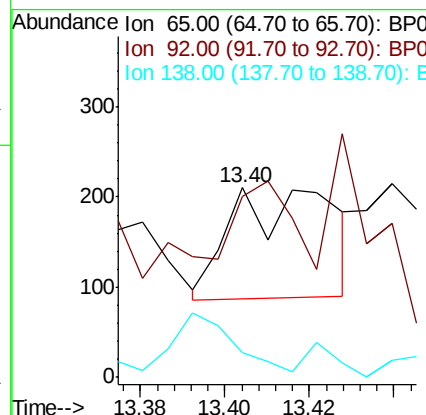
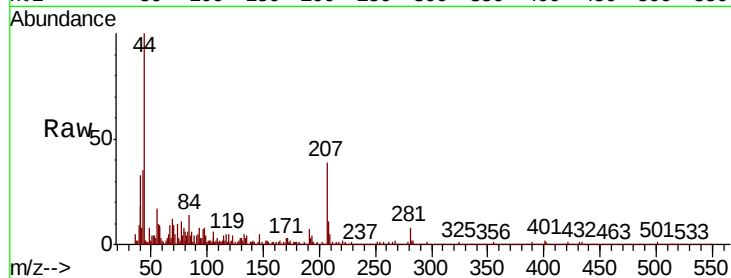
Tot Ion: 65 Resp: 202

Ion Ratio Lower Upper

65 100

92 95.7 61.4 92.0#

138 12.9 94.2 141.4#



#51

2,6-Dinitrotoluene

Concen: 2.903 ng

RT: 14.19 min Scan# 1921

Delta R.T. 0.27 min

Lab File: BP002891.D

Acq: 31 Jul 2020 13:34

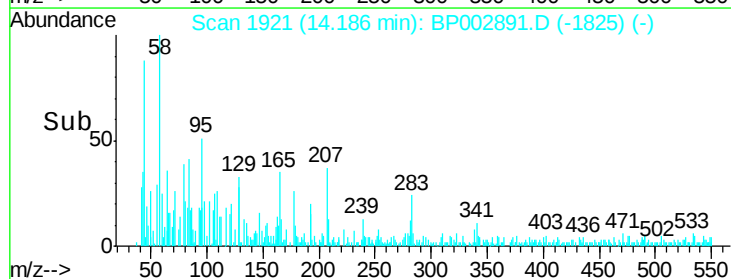
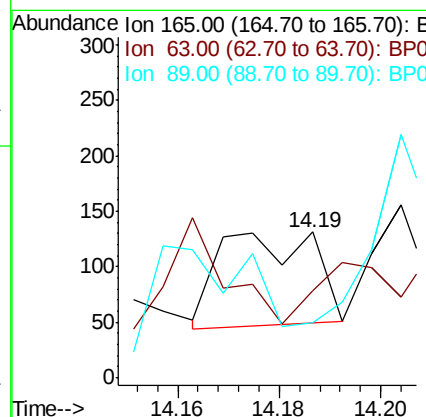
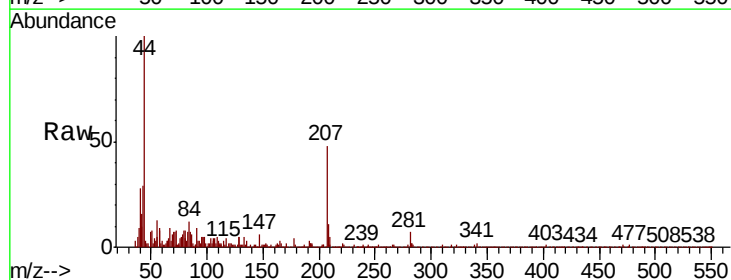
Tgt Ion: 165 Resp: 107

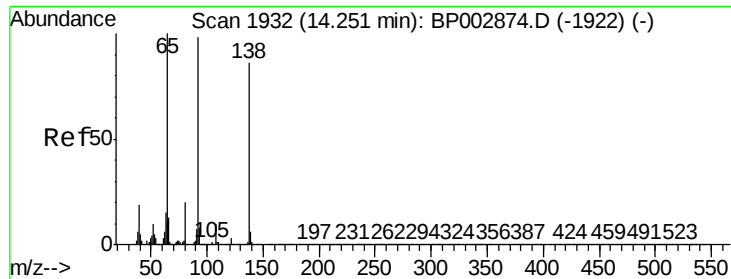
Ion Ratio Lower Upper

165 100

63 59.5 40.3 60.5

89 59.5 46.5 69.7

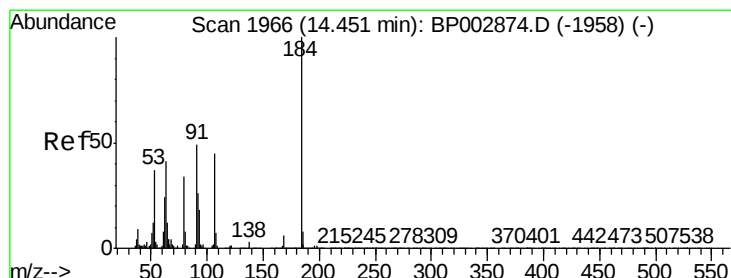
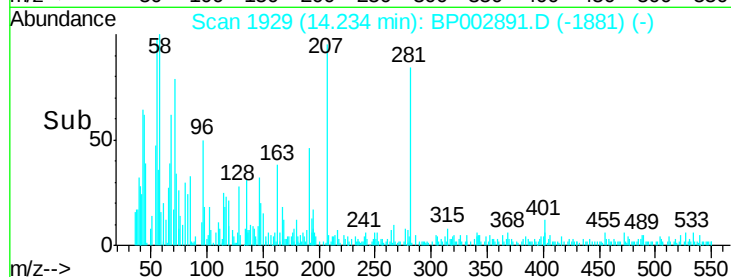
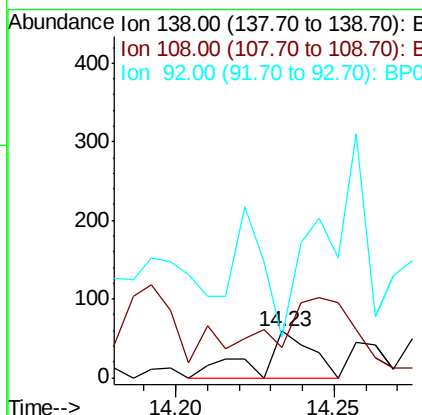
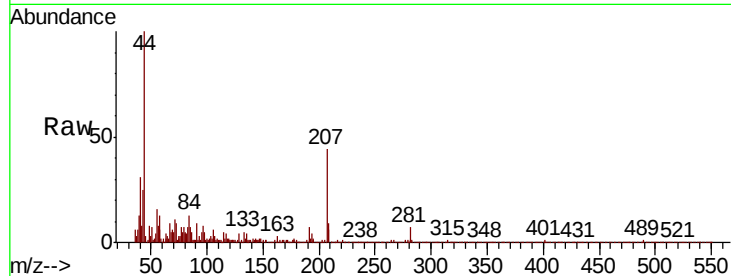




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

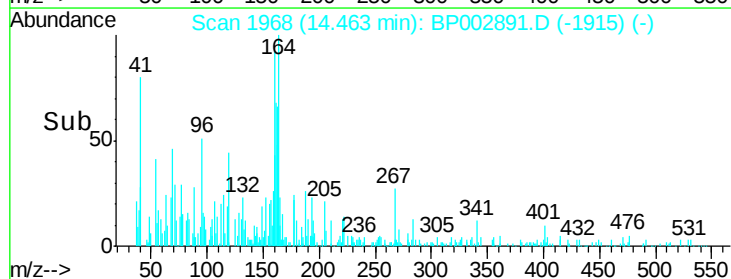
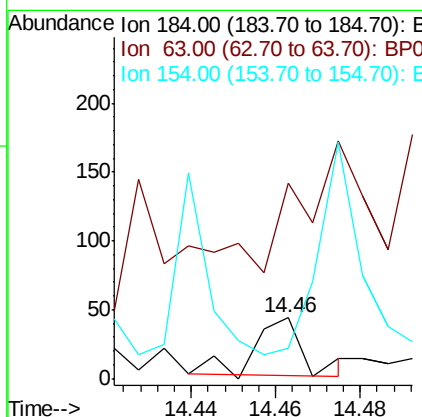
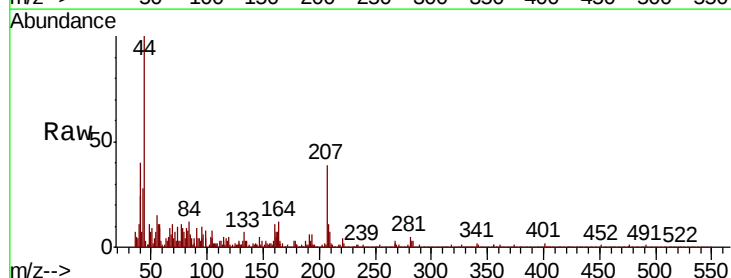
Instrument :
BNA_P
ClientSampleId :

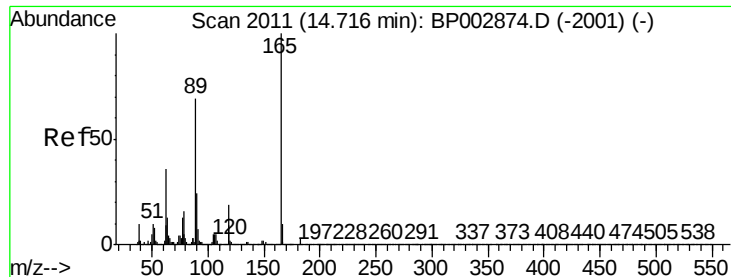
Tot Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
108 66.1 9.4 14.0#
92 86.4 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 273.1 50.3 75.5#
154 42.3 50.6 76.0#





#57

2,4-Dinitrotoluene

Concen: 3.809 ng

RT: 14.69 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BP002891.D

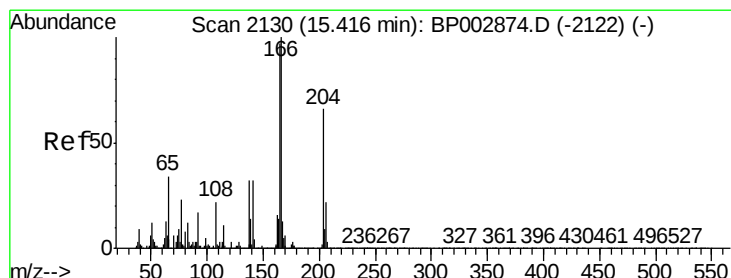
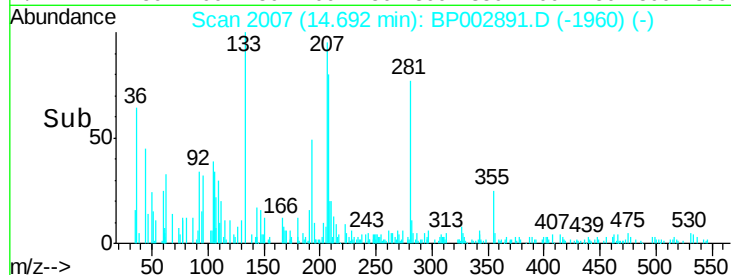
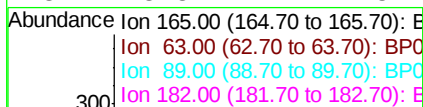
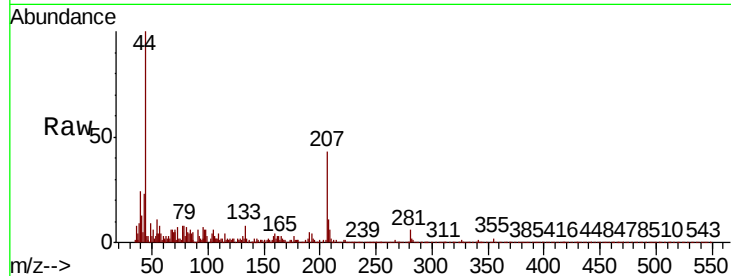
Acq: 31 Jul 2020 13:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165	Resp:	124
Ion	Ratio	Lower Upper
165	100	
63	83.8	29.0 43.4#
89	17.6	55.5 83.3#
182	8.8	2.2 3.4#



#62

4-Nitroaniline

Concen: 2.418 ng

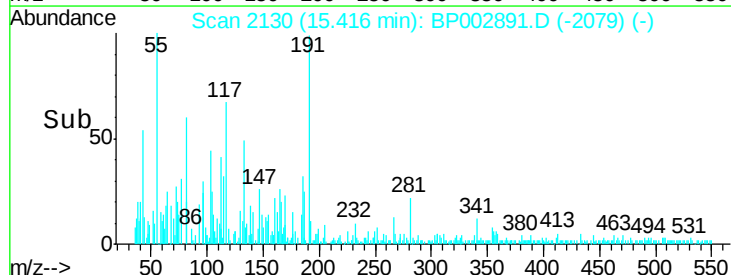
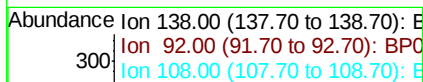
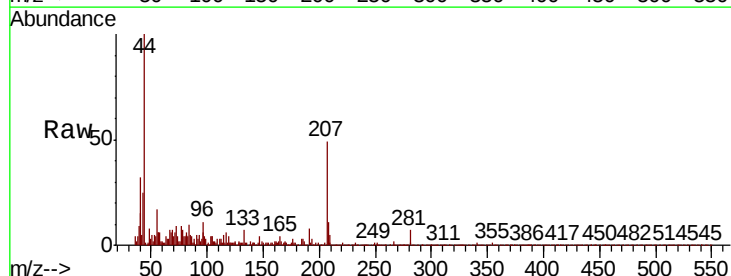
RT: 15.42 min Scan# 2130

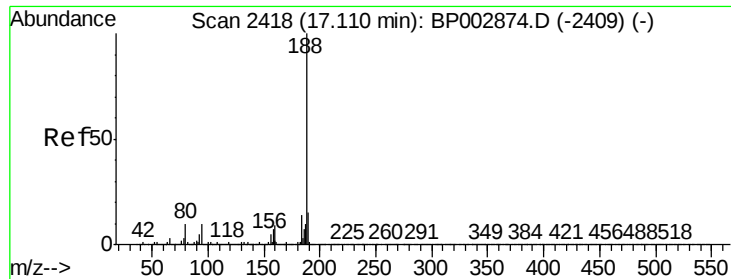
Delta R.T. 0.00 min

Lab File: BP002891.D

Acq: 31 Jul 2020 13:34

Tgt Ion:138	Resp:	48
Ion	Ratio	Lower Upper
138	100	
92	164.7	32.2 72.2#
108	70.6	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: BP002891.D

Acq: 31 Jul 2020 13:34

Instrument :

BNA_P

ClientSampleId :

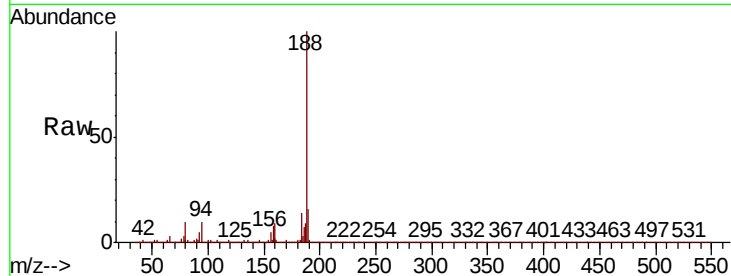
Tot Ion:188 Resp: 3280194

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

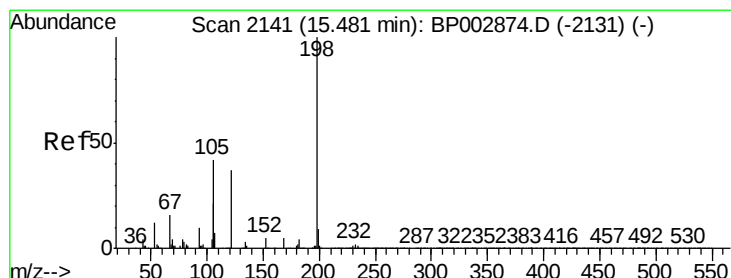
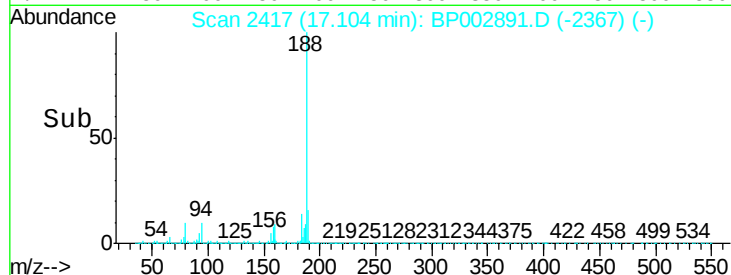
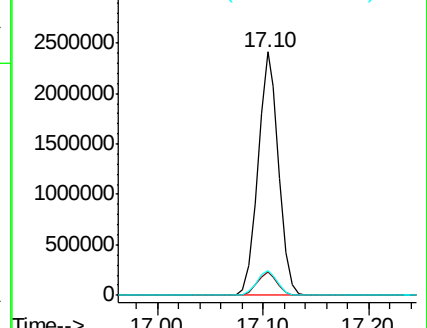
80 10.0 8.0 12.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.901 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.03 min

Lab File: BP002891.D

Acq: 31 Jul 2020 13:34

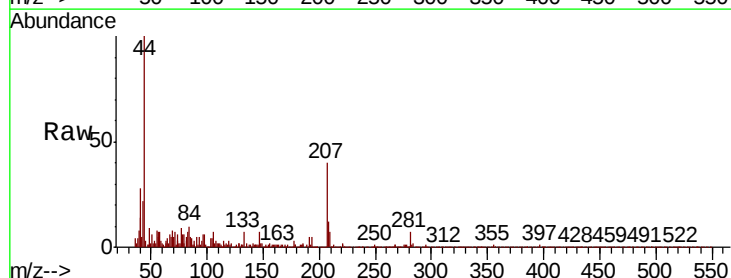
Tgt Ion:198 Resp: 21

Ion Ratio Lower Upper

198 100

51 910.0 11.6 51.6#

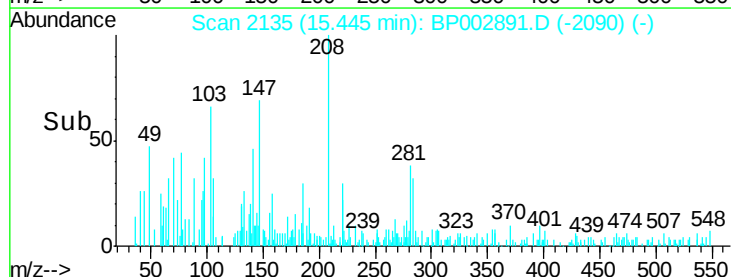
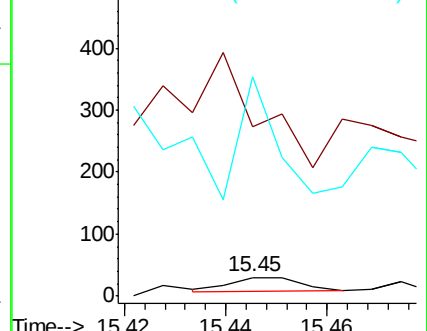
105 1180.0 23.8 63.8#

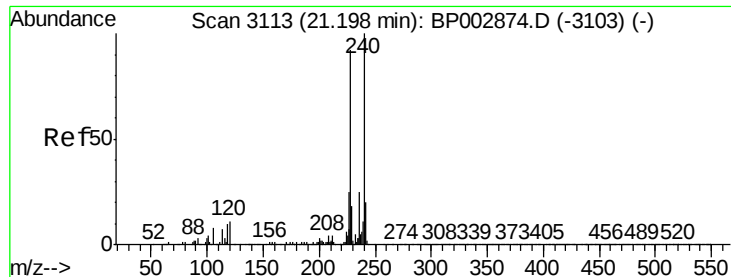


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

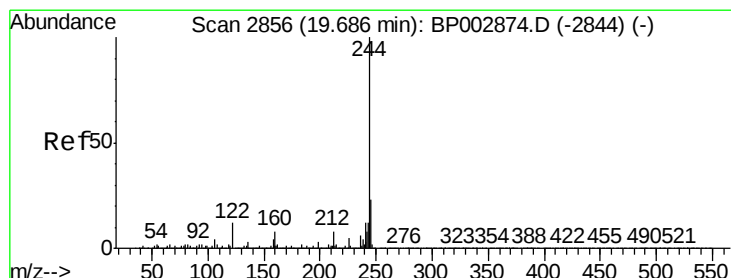
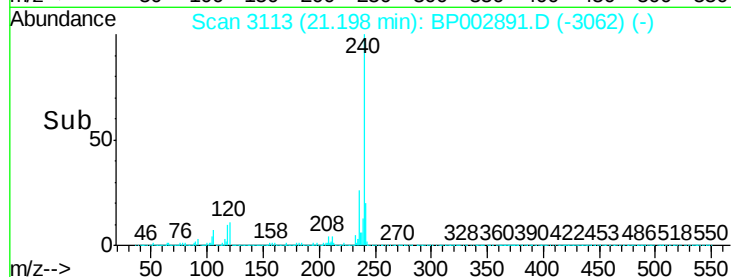
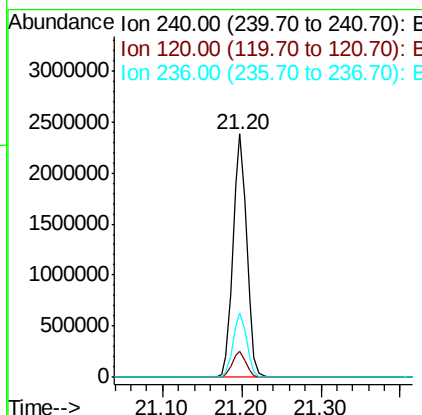
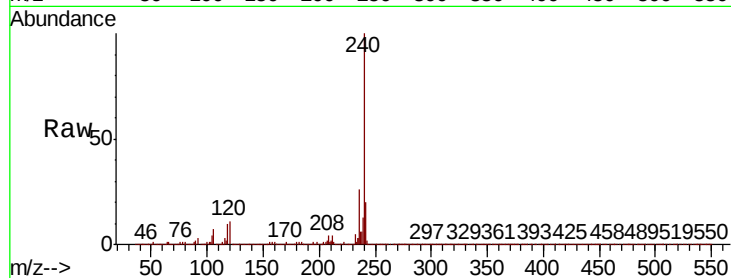




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.20 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BP002891.D
 Acq: 31 Jul 2020 13:34

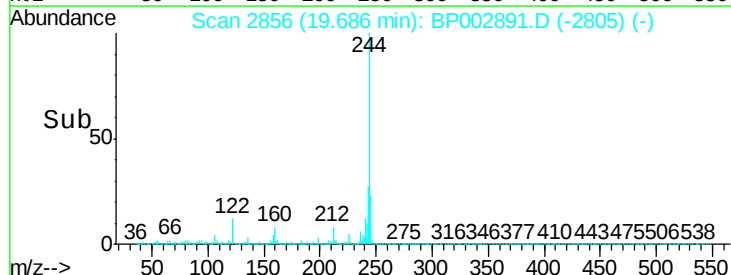
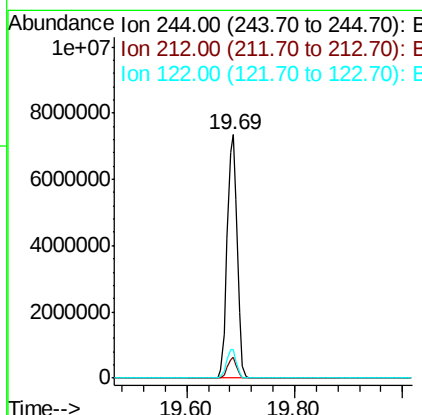
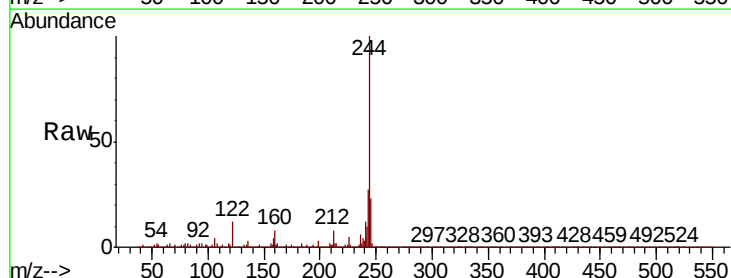
Instrument :
 BNA_P
 ClientSampleId :

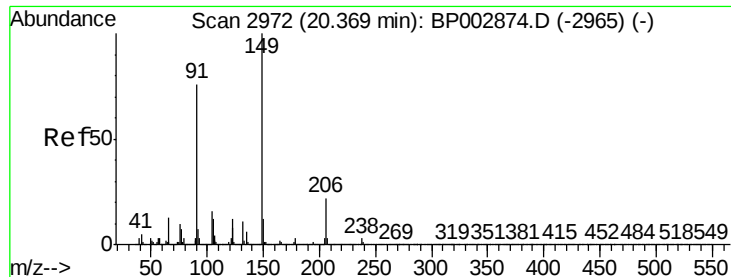
Tot Ion:240 Resp: 2850504
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.9 13.3
 236 26.2 20.3 30.5



#79
 Terphenyl-d14
 Concen: 69.062 ng
 RT: 19.69 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BP002891.D
 Acq: 31 Jul 2020 13:34

Tgt Ion:244 Resp: 9833522
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 11.7 9.4 14.2

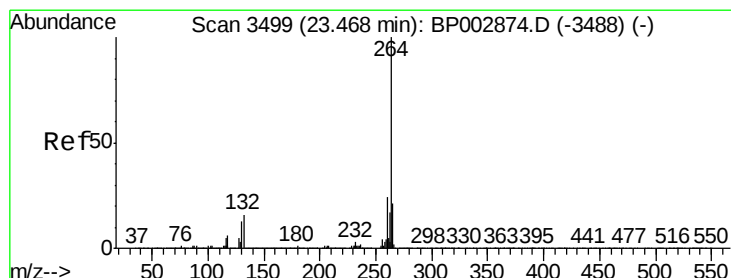
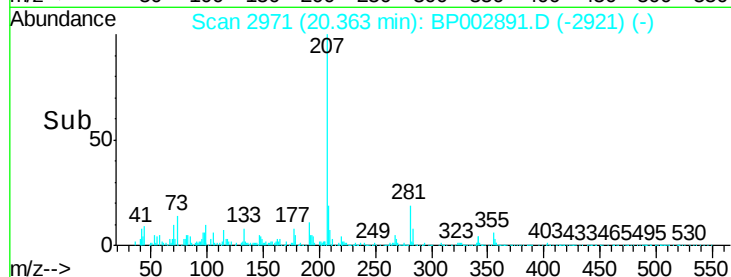
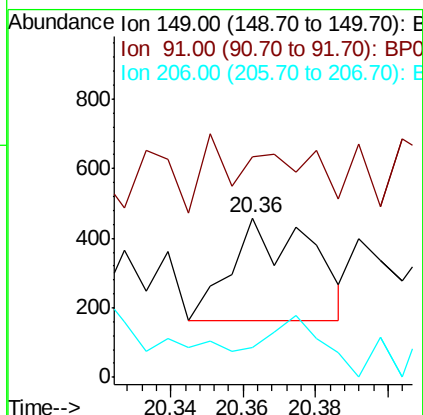
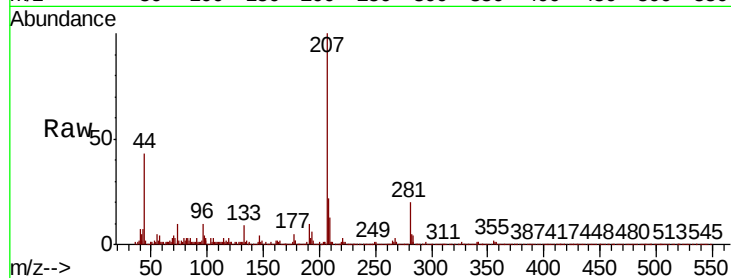




#80
Butylbenzylphthalate
Concen: 3.063 ng
RT: 20.36 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Instrument :
BNA_P
ClientSampled :

Tot Ion:149 Resp: 447
Ion Ratio Lower Upper
149 100
91 138.6 60.5 90.7#
206 18.3 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BP002891.D
Acq: 31 Jul 2020 13:34

Tgt Ion:264 Resp: 2472797
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.5 17.0 25.4

