

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002894.D
 Acq On : 31 Jul 2020 16:00
 Operator : CG/JU
 Sample : L3518-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 31 17:31:04 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	555435	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2115012	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1264381	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2662138	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2627765	20.00	ng	0.00
86) Perylene-d12	23.47	264	2454097	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3409040	93.94	ng	0.00
7) Phenol-d6	6.89	99	4294953	85.24	ng	0.00
23) Nitrobenzene-d5	8.86	82	2637360	67.54	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1585626	100.90	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5399170	58.34	ng	0.00
79) Terphenyl-d14	19.69	244	7471408	56.92	ng	0.00

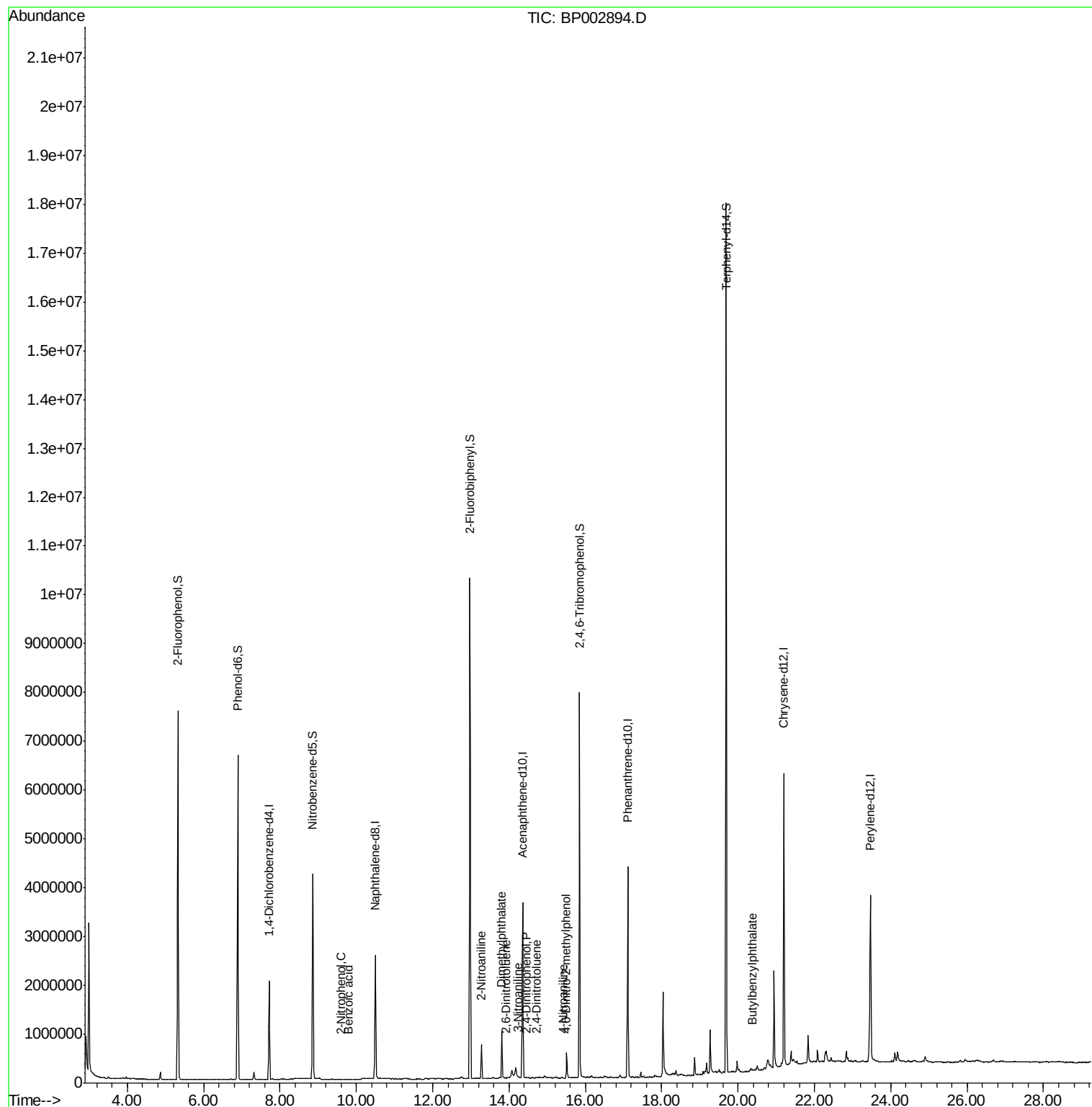
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.61	139	52	4.523	ng	# 1
32) Benzoic acid	9.80	122	231	7.696	ng	# 19
48) 2-Nitroaniline	13.27	65	12946	4.553	ng	# 11
50) Dimethylphthalate	13.81	163	619032	6.260	ng	100
51) 2,6-Dinitrotoluene	13.92	165	823	2.934	ng	# 73
53) 3-Nitroaniline	14.25	138	201	3.281	ng	# 46
54) 2,4-Dinitrophenol	14.45	184	72	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	773	3.830	ng	# 59
62) 4-Nitroaniline	15.41	138	314	2.429	ng	# 63
65) 4,6-Dinitro-2-methylphenol	15.47	198	85	6.905	ng	# 1
80) Butylbenzylphthalate	20.37	149	1803	3.080	ng	# 54

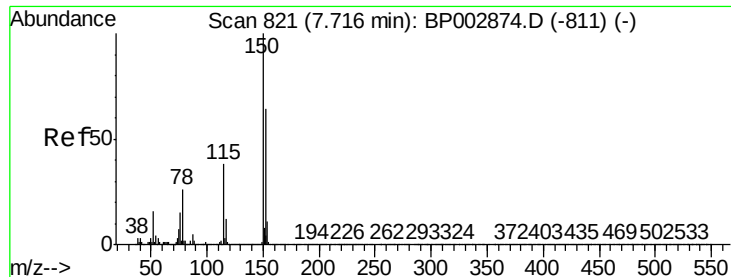
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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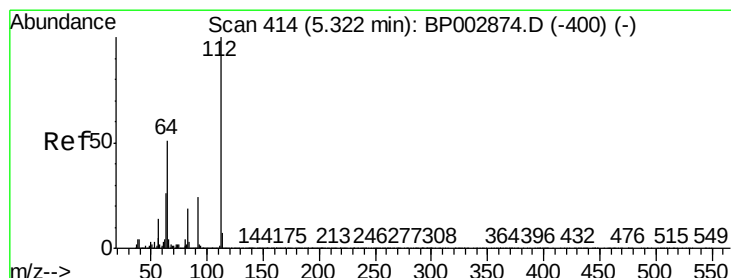
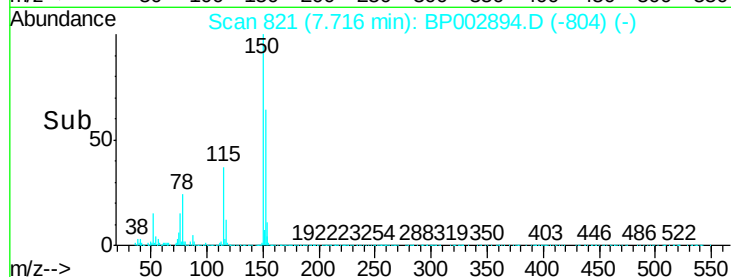
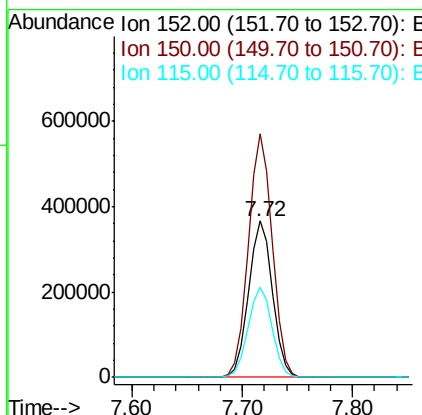
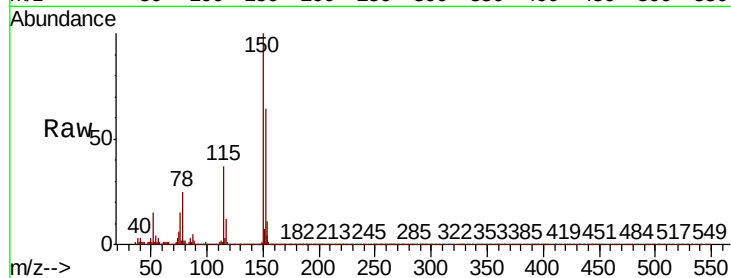


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Instrument :
BNA_P
ClientSampleId :

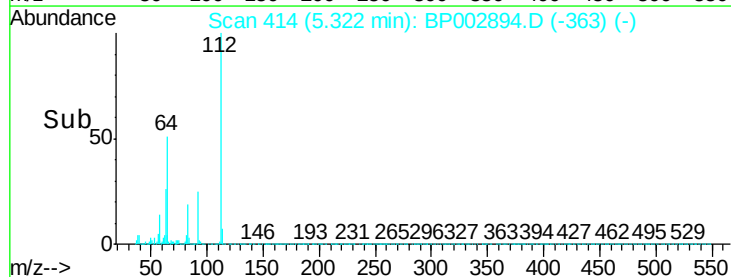
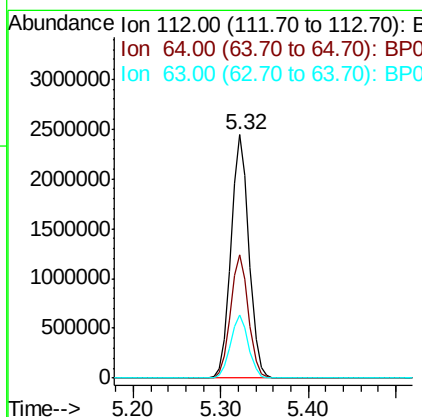
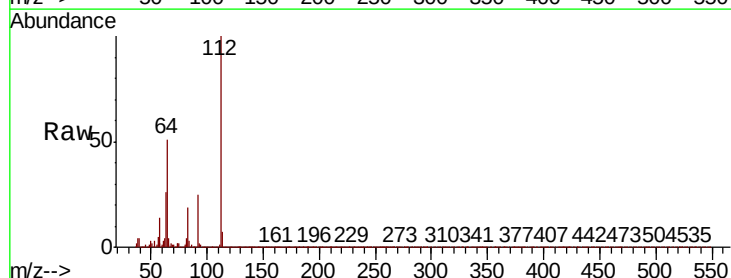
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.8	187.2
115	57.9	47.4	71.2

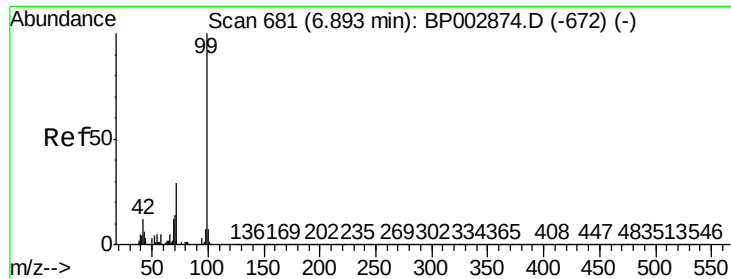


#5

2-Fluorophenol
Concen: 93.936 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	41.0	61.6
63	25.7	20.7	31.1





#7

Phenol-d6

Concen: 85.242 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

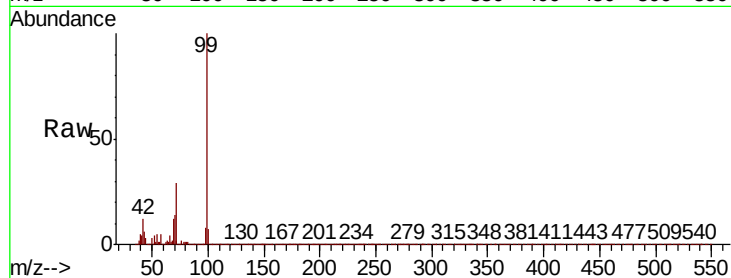
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 4294953

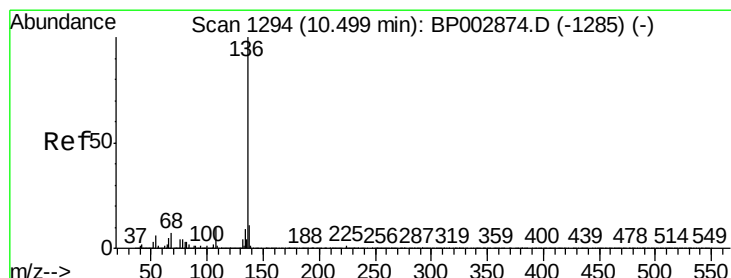
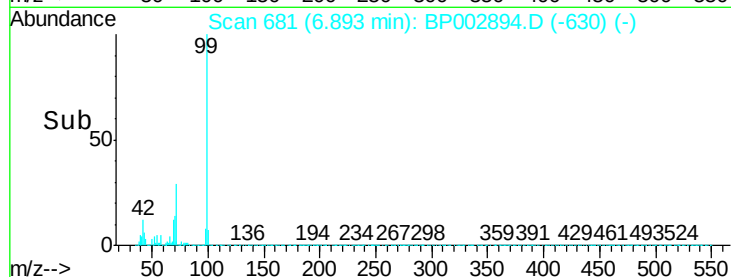
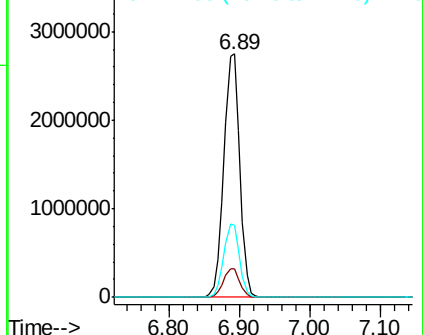
Ion	Ratio	Lower	Upper
99	100		
42	11.6	9.3	13.9
71	29.4	23.5	35.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1294

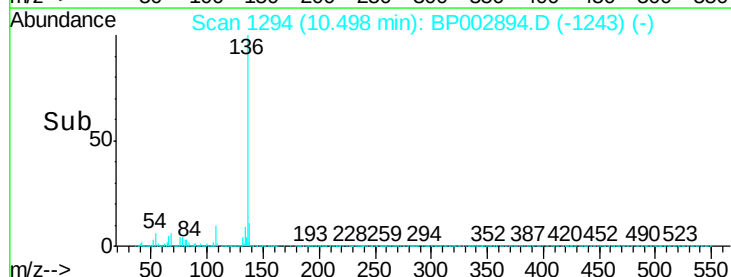
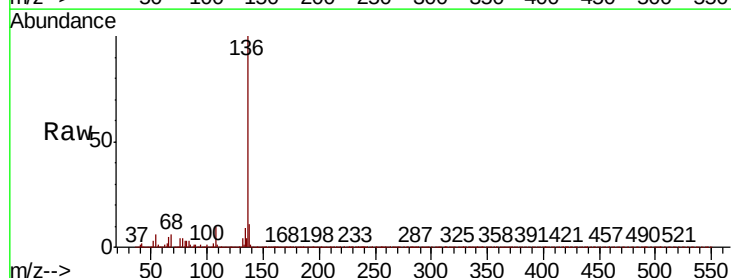
Delta R.T. -0.00 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

Tgt Ion: 136 Resp: 2115012

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.2	5.1	7.7
68	6.4	5.3	7.9

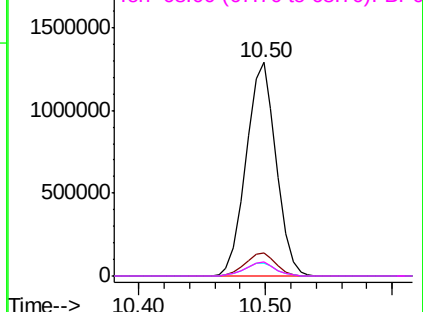


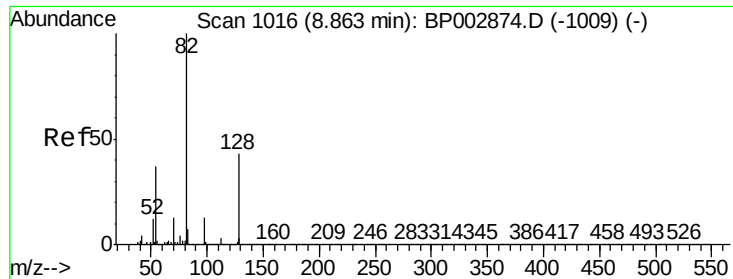
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

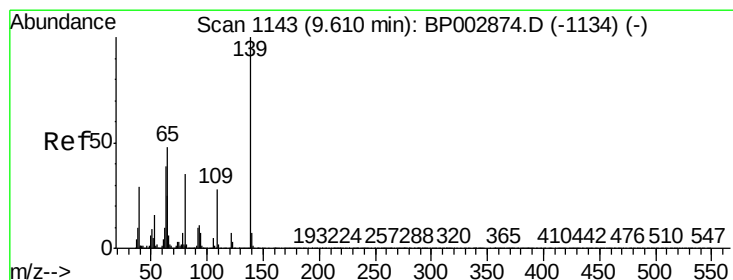
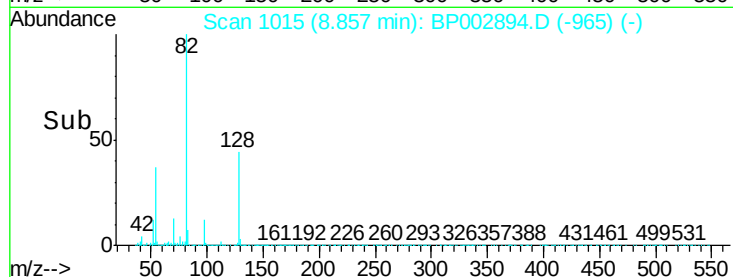
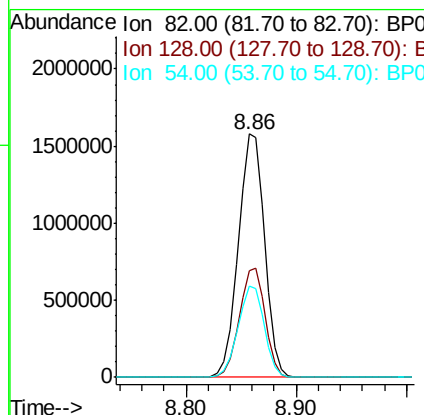
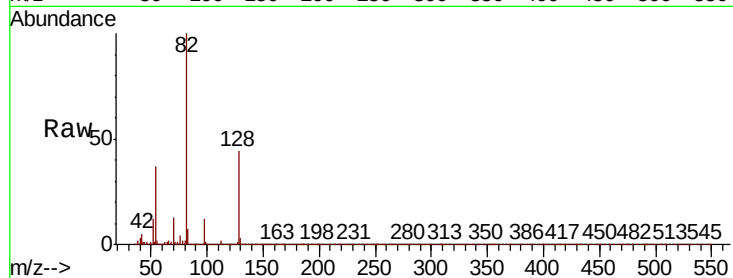




#23
 Nitrobenzene-d5
 Concen: 67.539 ng
 RT: 8.86 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BP002894.D
 Acq: 31 Jul 2020 16:00

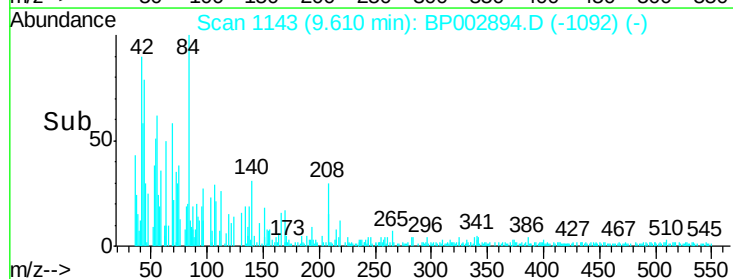
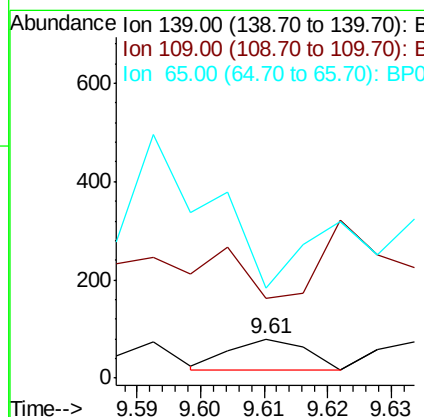
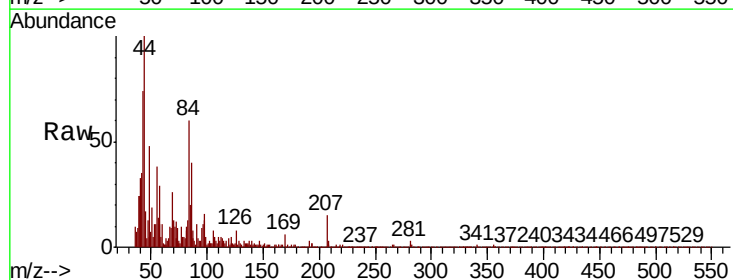
Instrument :
 BNA_P
 ClientSampleId :

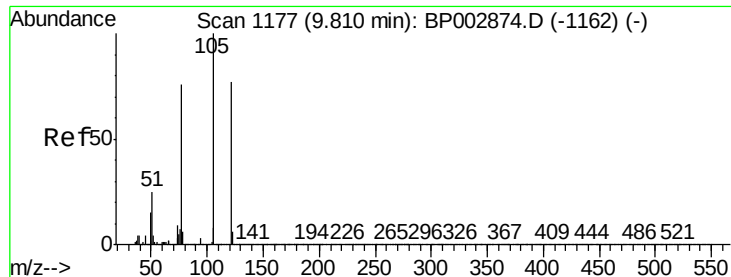
Tot Ion: 82 Resp: 2637360
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 52.0
 54 37.3 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.523 ng
 RT: 9.61 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BP002894.D
 Acq: 31 Jul 2020 16:00

Tgt Ion:139 Resp: 52
 Ion Ratio Lower Upper
 139 100
 109 202.5 22.2 33.2#
 65 227.5 38.9 58.3#





#32

Benzoic acid

Concen: 7.696 ng

RT: 9.80 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

Instrument :

BNA_P

ClientSampleId :

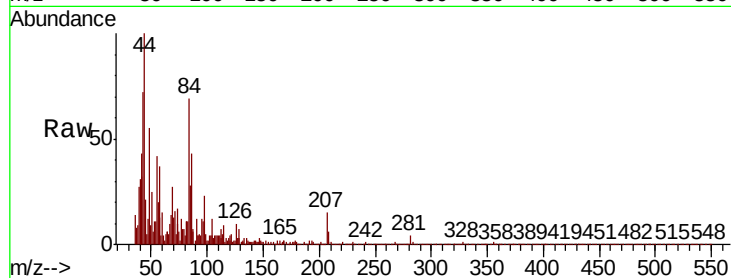
Tot Ion:122 Resp: 231

Ion Ratio Lower Upper

122 100

105 197.6 103.4 143.4#

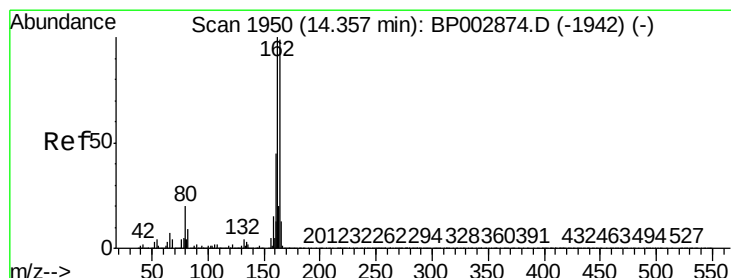
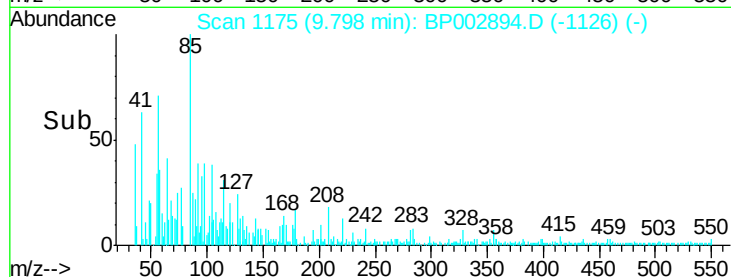
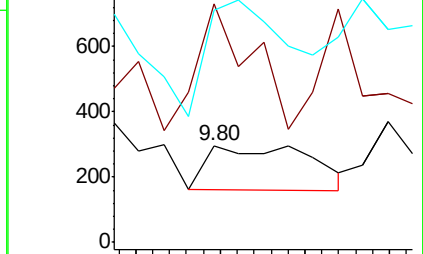
77 192.7 74.6 114.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

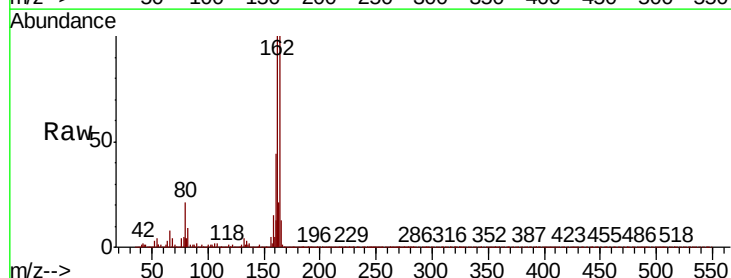
Tgt Ion:164 Resp: 1264381

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

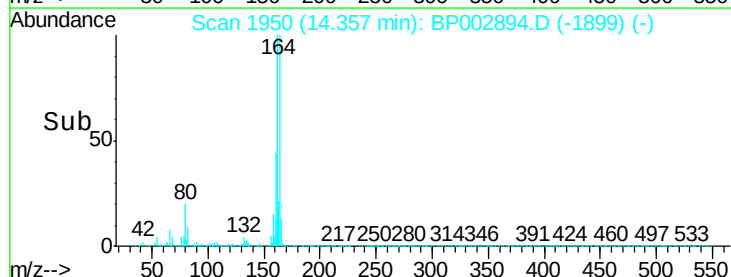
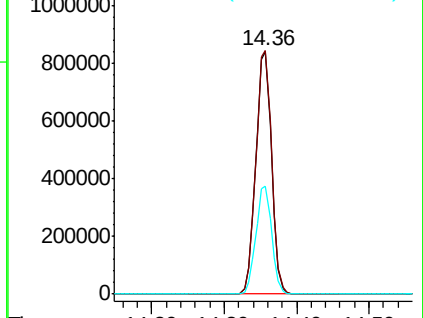
160 44.6 36.2 54.4

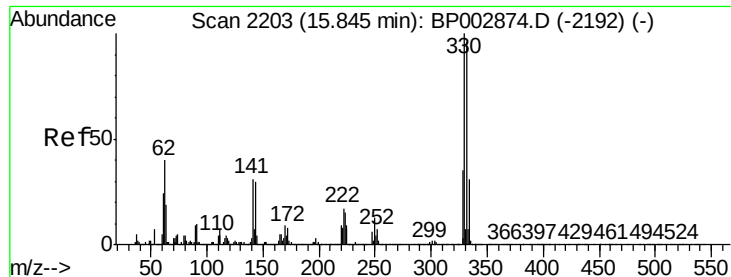


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

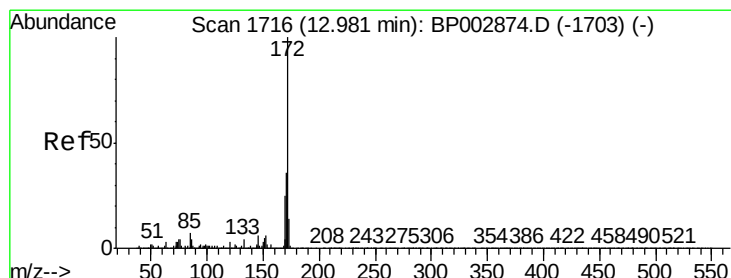
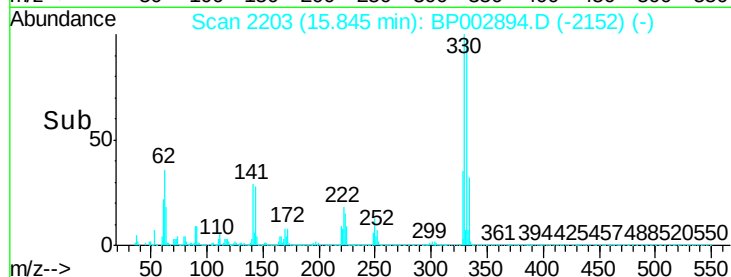
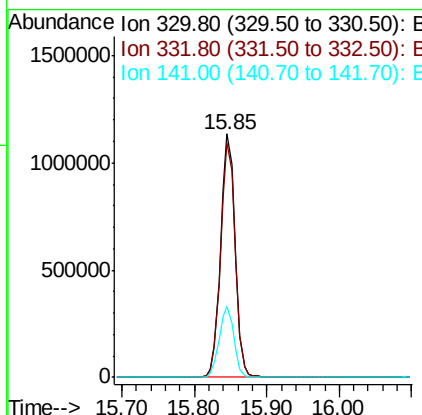
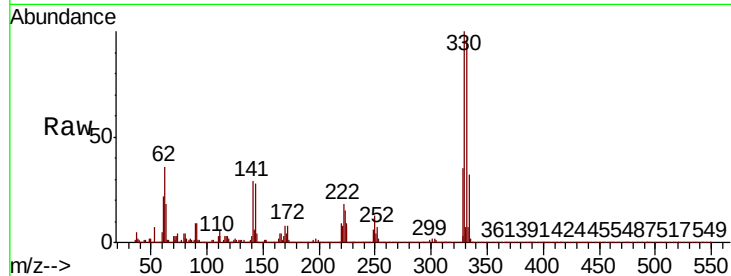




#42
 2,4,6-Tribromophenol
 Concen: 100.900 ng
 RT: 15.85 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BP002894.D
 Acq: 31 Jul 2020 16:00

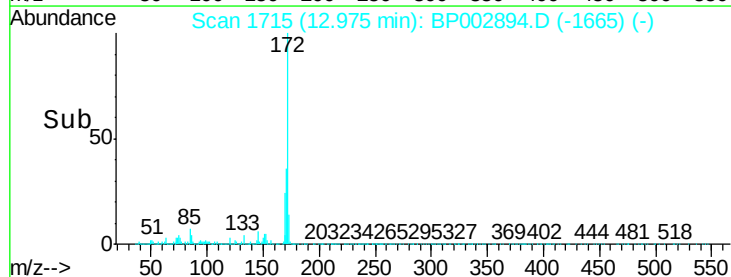
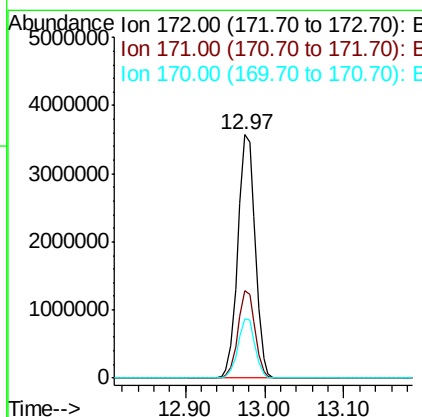
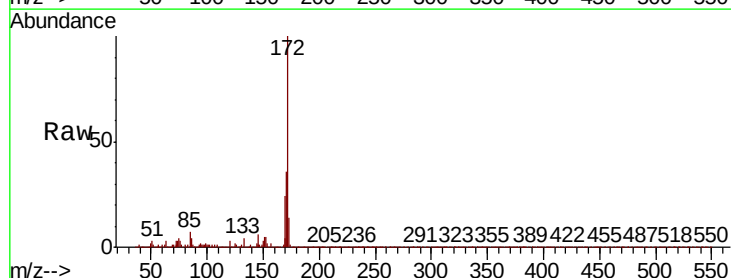
Instrument :
 BNA_P
 ClientSampleId :

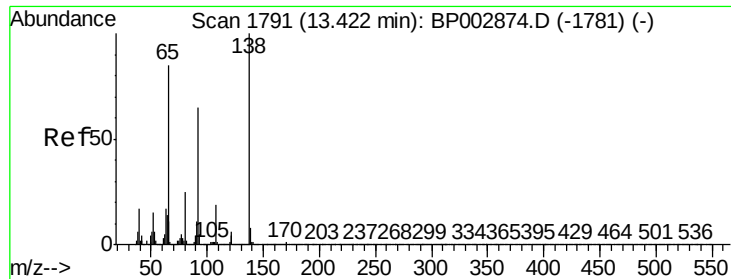
Tot Ion:330 Resp: 1585626
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 29.6 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 58.344 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002894.D
 Acq: 31 Jul 2020 16:00

Tgt Ion:172 Resp: 5399170
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.1 43.7
 170 24.2 19.6 29.4

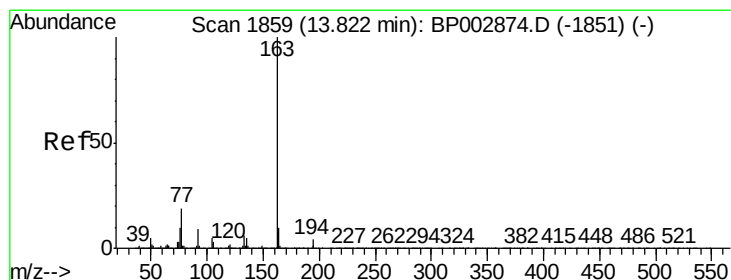
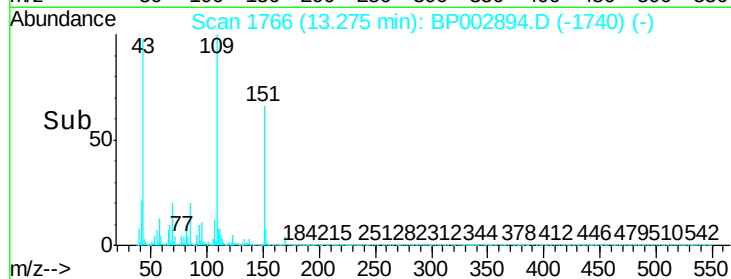
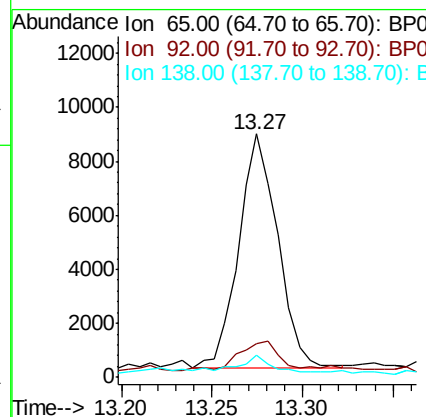
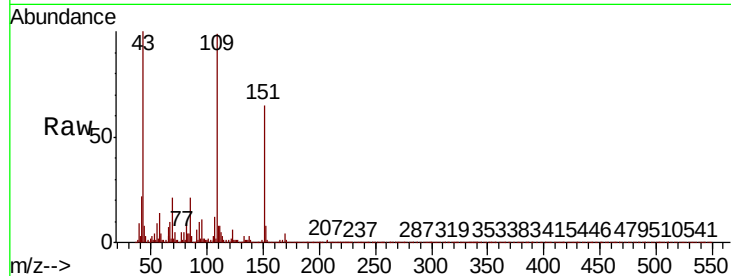




#48
2-Nitroaniline
Concen: 4.553 ng
RT: 13.27 min Scan# 1766
Delta R.T. -0.15 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

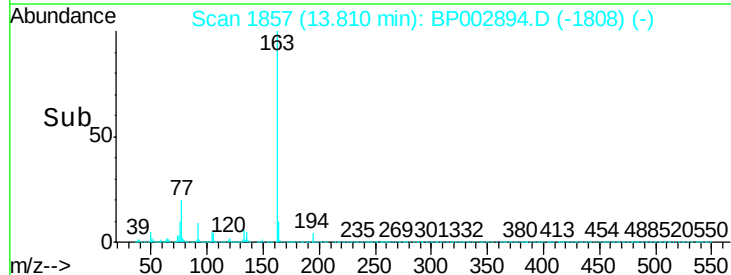
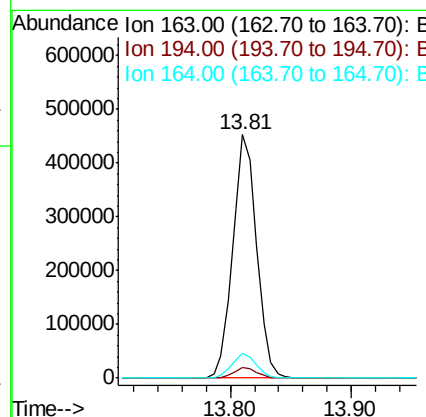
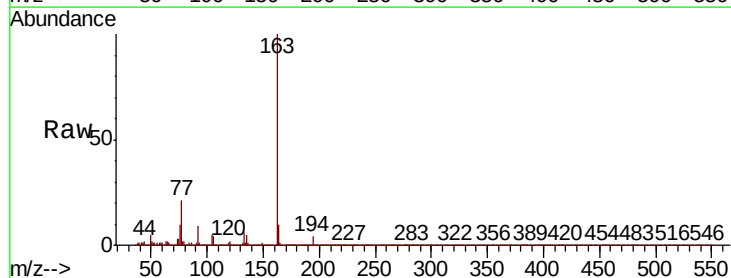
Instrument :
BNA_P
ClientSampleId :

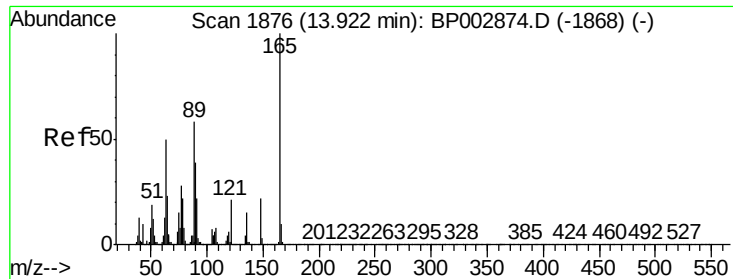
Tot Ion: 65 Resp: 12946
Ion Ratio Lower Upper
65 100
92 13.8 61.4 92.0#
138 9.3 94.2 141.4#



#50
Dimethylphthalate
Concen: 6.260 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Tgt Ion: 163 Resp: 619032
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.2 12.2

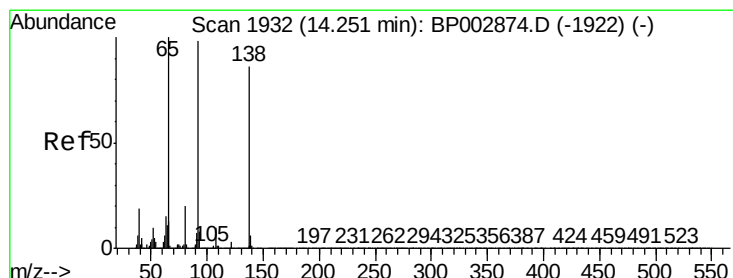
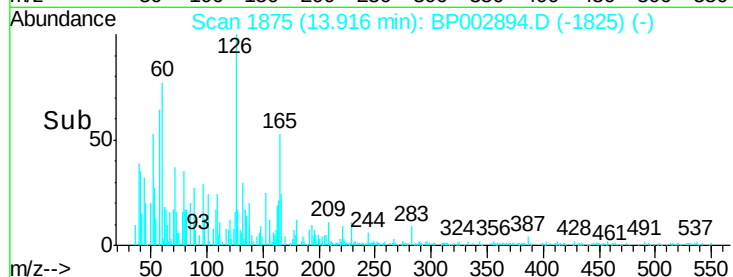
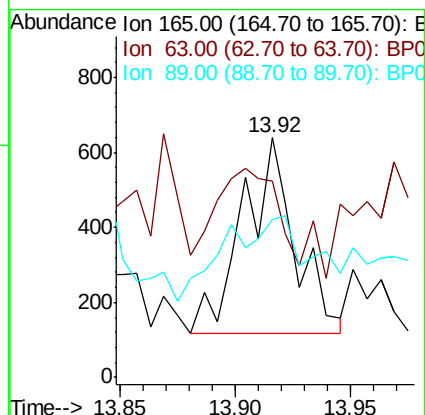
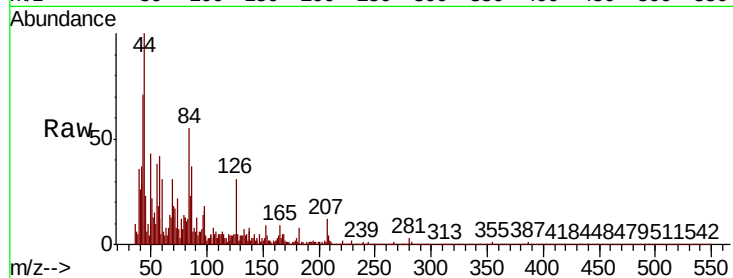




#51
2,6-Dinitrotoluene
Concen: 2.934 ng
RT: 13.92 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

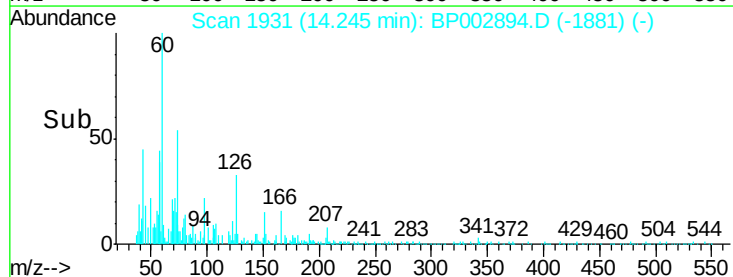
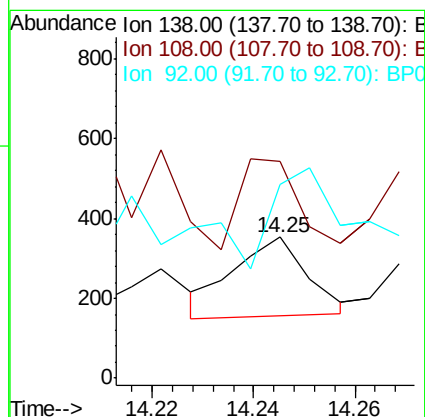
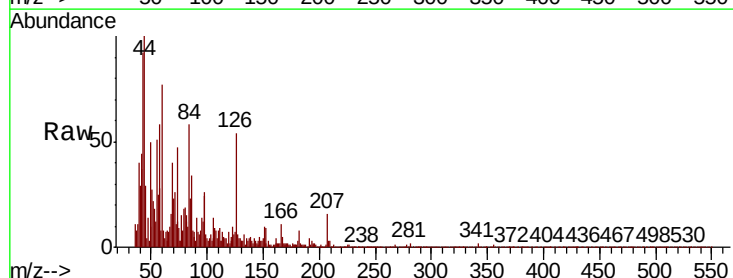
Instrument :
BNA_P
ClientSampled :

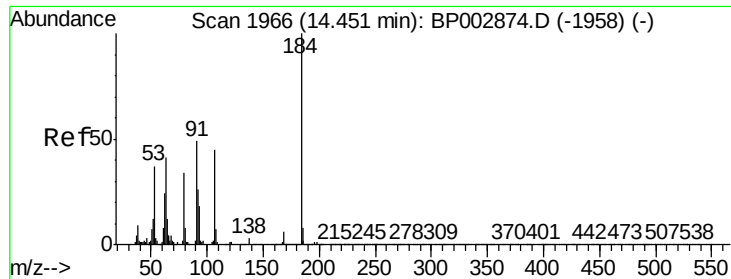
Tot Ion:165 Resp: 823
Ion Ratio Lower Upper
165 100
63 82.3 40.3 60.5#
89 65.8 46.5 69.7



#53
3-Nitroaniline
Concen: 3.281 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Tgt Ion:138 Resp: 201
Ion Ratio Lower Upper
138 100
108 153.8 9.4 14.0#
92 137.7 91.0 136.6#

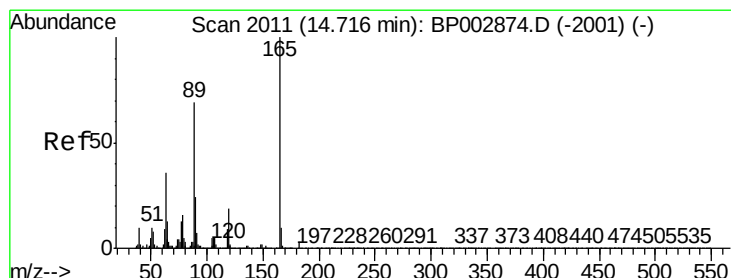
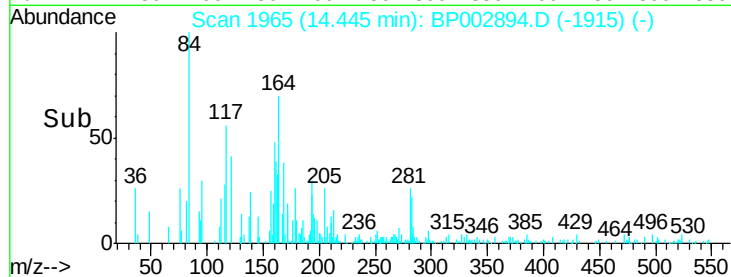
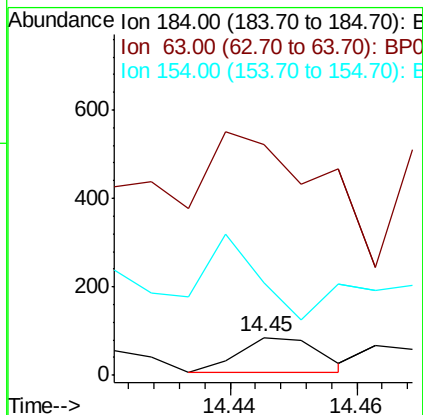
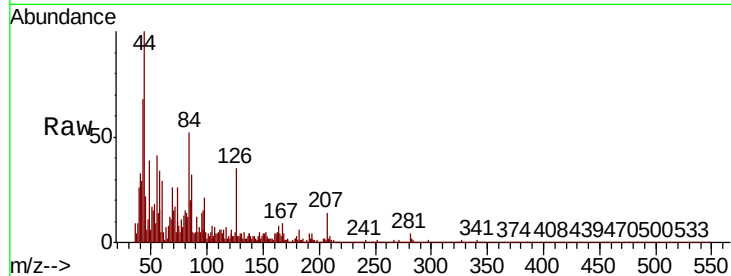




#54
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

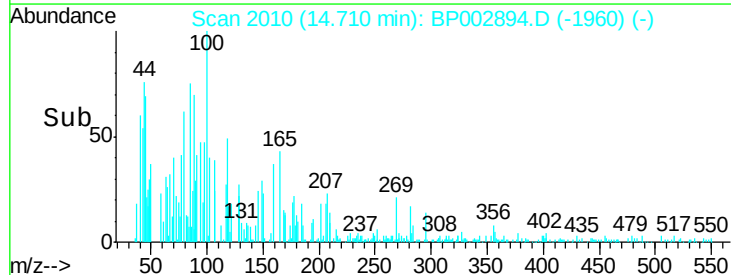
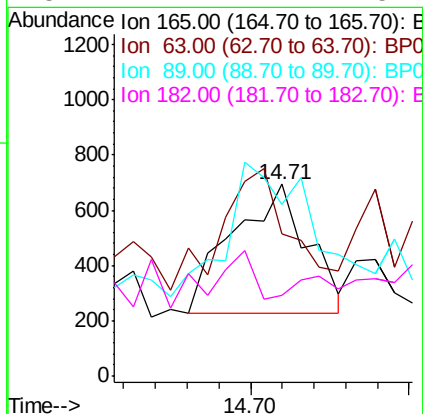
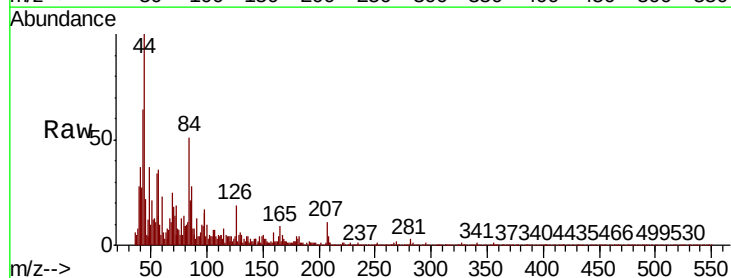
Instrument :
BNA_P
ClientSampleId :

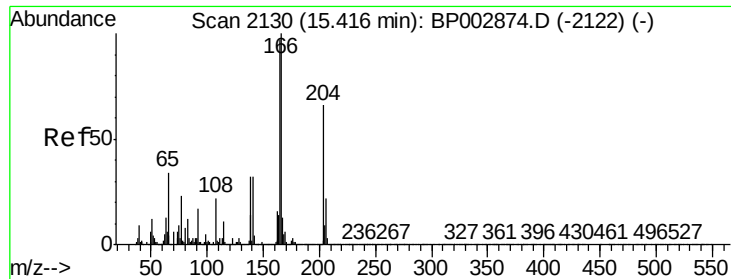
Tot Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 614.1 50.3 75.5#
154 247.1 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.830 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Tgt Ion:165 Resp: 773
Ion Ratio Lower Upper
165 100
63 74.5 29.0 43.4#
89 89.8 55.5 83.3#
182 42.4 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.429 ng

RT: 15.41 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

Instrument :

BNA_P

ClientSampled :

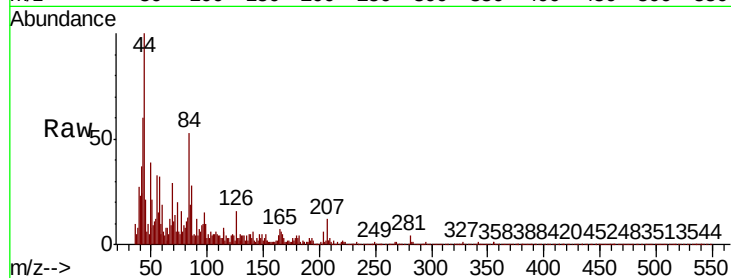
Tot Ion:138 Resp: 314

Ion Ratio Lower Upper

138 100

92 67.5 32.2 72.2

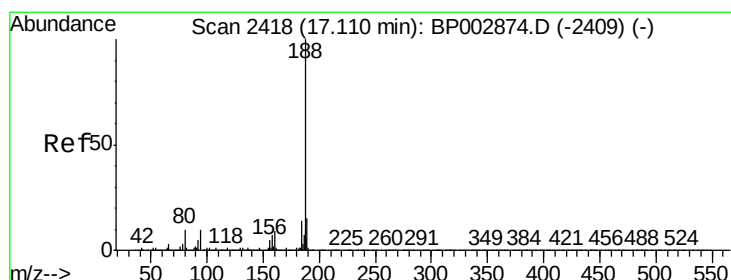
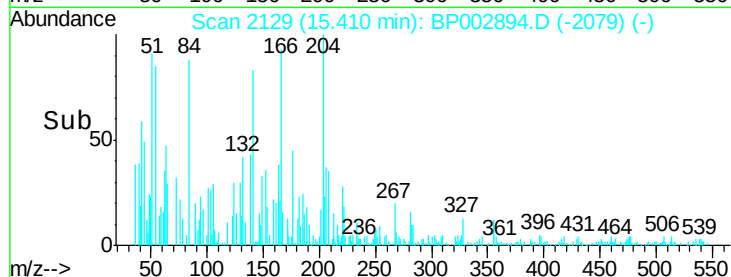
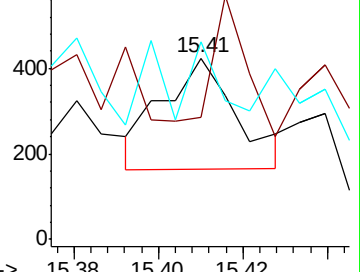
108 109.2 50.0 90.0#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

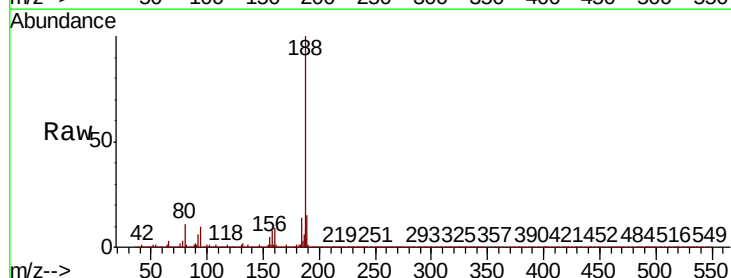
Tgt Ion:188 Resp: 2662138

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

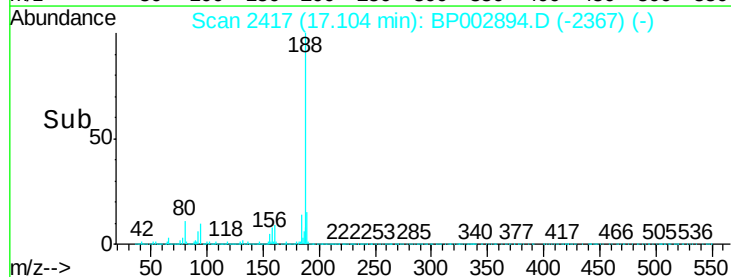
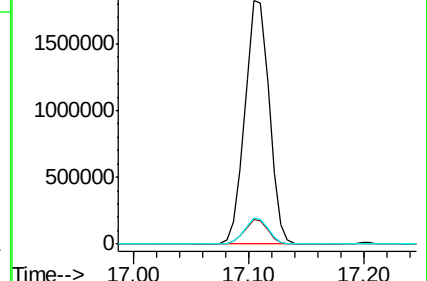
80 10.6 8.0 12.0

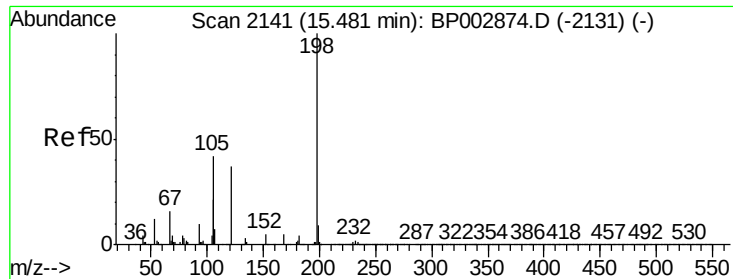


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

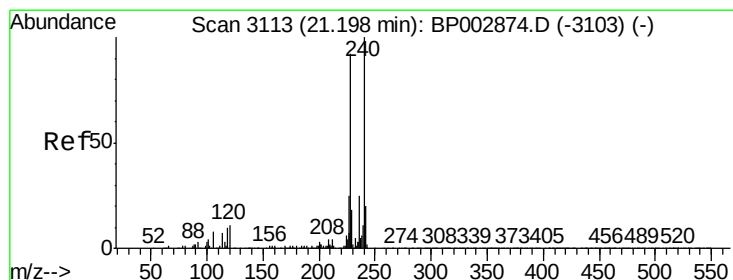
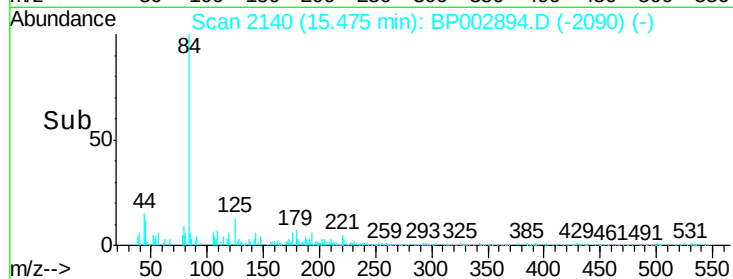
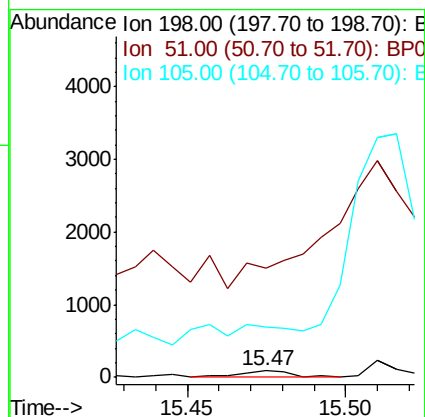
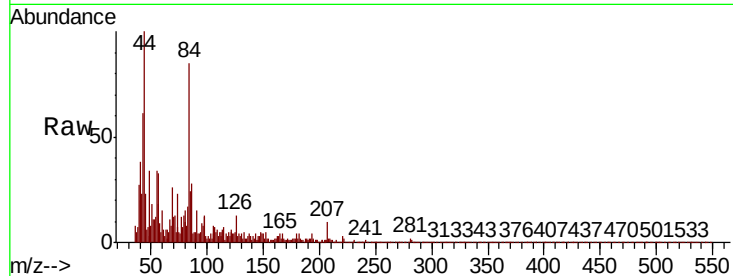




#65
4,6-Dinitro-2-methylphenol
Concen: 6.905 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

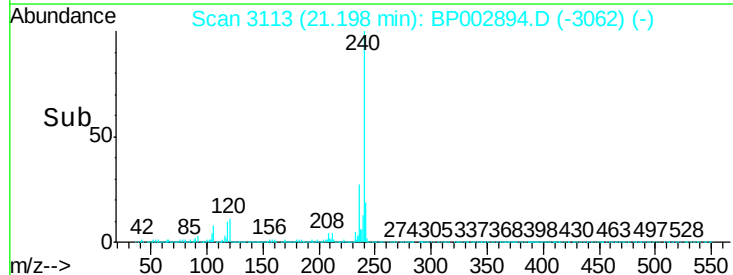
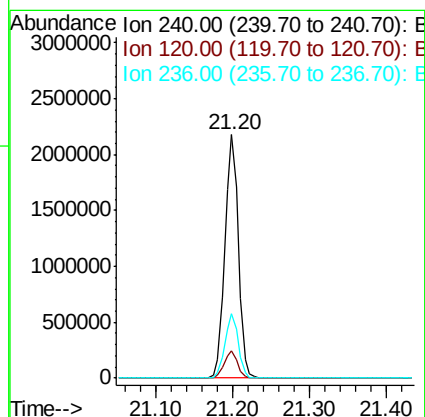
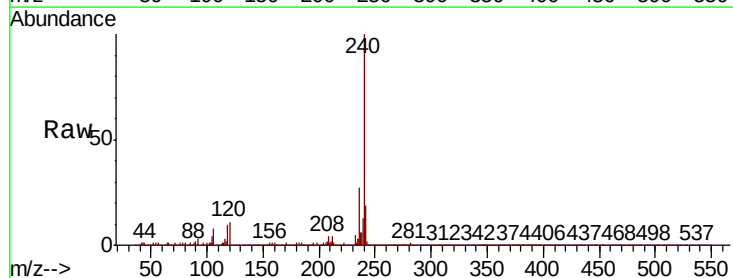
Instrument :
BNA_P
ClientSampleId :

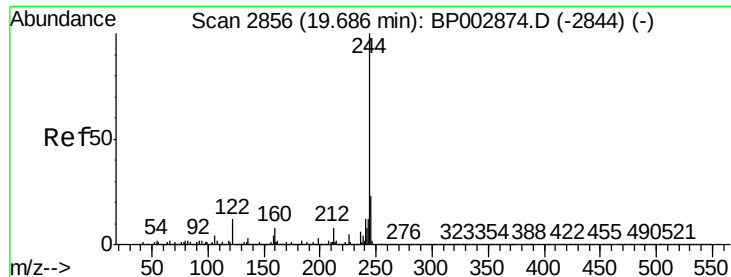
Tot Ion:198 Resp: 85
Ion Ratio Lower Upper
198 100
51 1626.1 11.6 51.6#
105 748.9 23.8 63.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Tgt Ion:240 Resp: 2627765
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.7 20.3 30.5





#79

Terphenyl-d14

Concen: 56.921 ng

RT: 19.69 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

Instrument :

BNA_P

ClientSampleId :

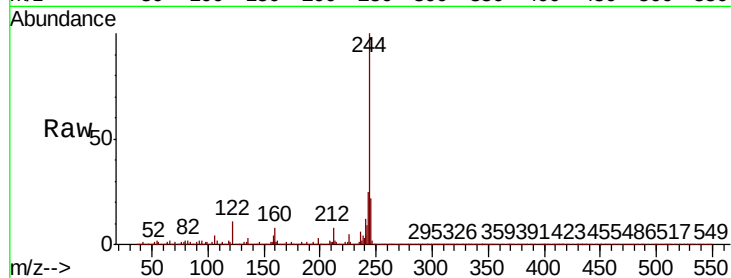
Tot Ion:244 Resp: 7471408

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

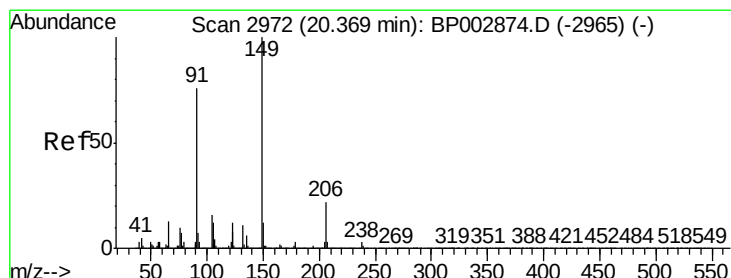
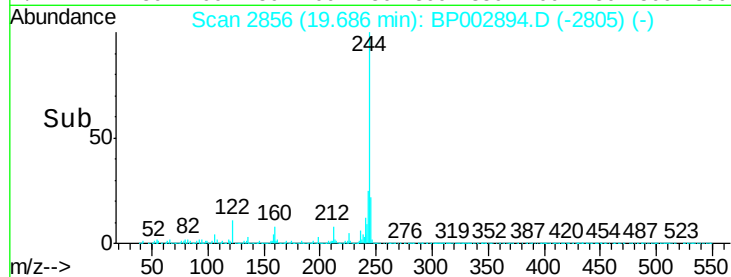
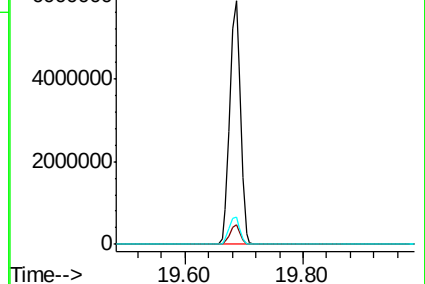
122 11.1 9.4 14.2



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: 3.080 ng

RT: 20.37 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BP002894.D

Acq: 31 Jul 2020 16:00

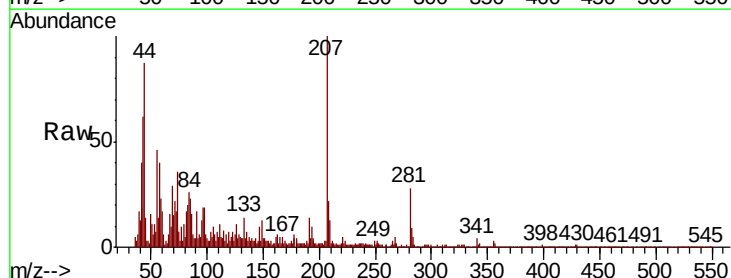
Tgt Ion:149 Resp: 1803

Ion Ratio Lower Upper

149 100

91 125.8 60.5 90.7#

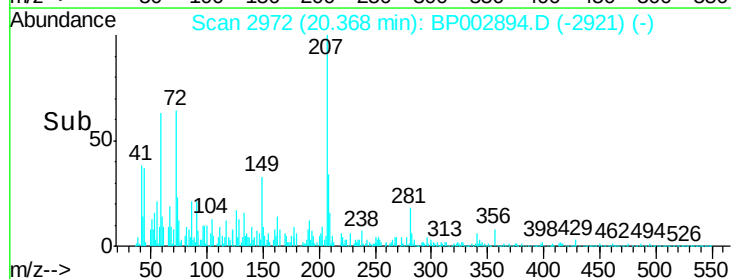
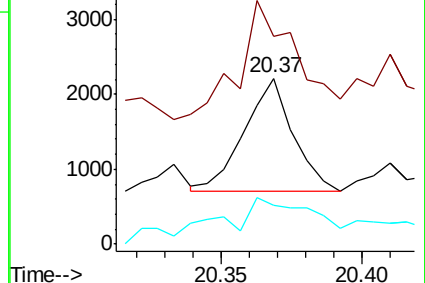
206 23.3 17.5 26.3

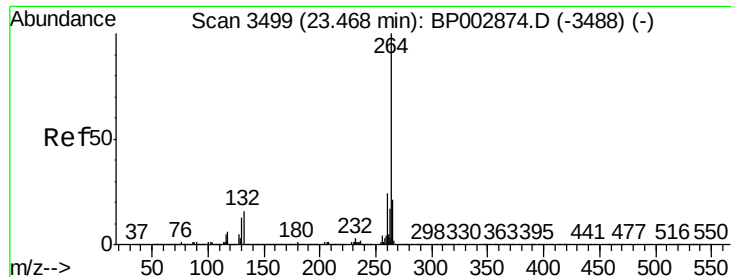


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.47 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BP002894.D
Acq: 31 Jul 2020 16:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 2454097

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.6	17.0	25.4

