

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002895.D
 Acq On : 31 Jul 2020 16:34
 Operator : CG/JU
 Sample : L3453-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 31 17:30:47 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	575977	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2306318	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1405449	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2850445	20.00	ng	0.00
76) Chrysene-d12	21.19	240	2237062	20.00	ng	0.00
86) Perylene-d12	23.46	264	2201175	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3902998	103.71	ng	0.00
7) Phenol-d6	6.89	99	5039885	96.46	ng	0.00
23) Nitrobenzene-d5	8.86	82	2942190	69.10	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1964237	112.45	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6446385	62.67	ng	0.00
79) Terphenyl-d14	19.68	244	7924435	70.92	ng	0.00

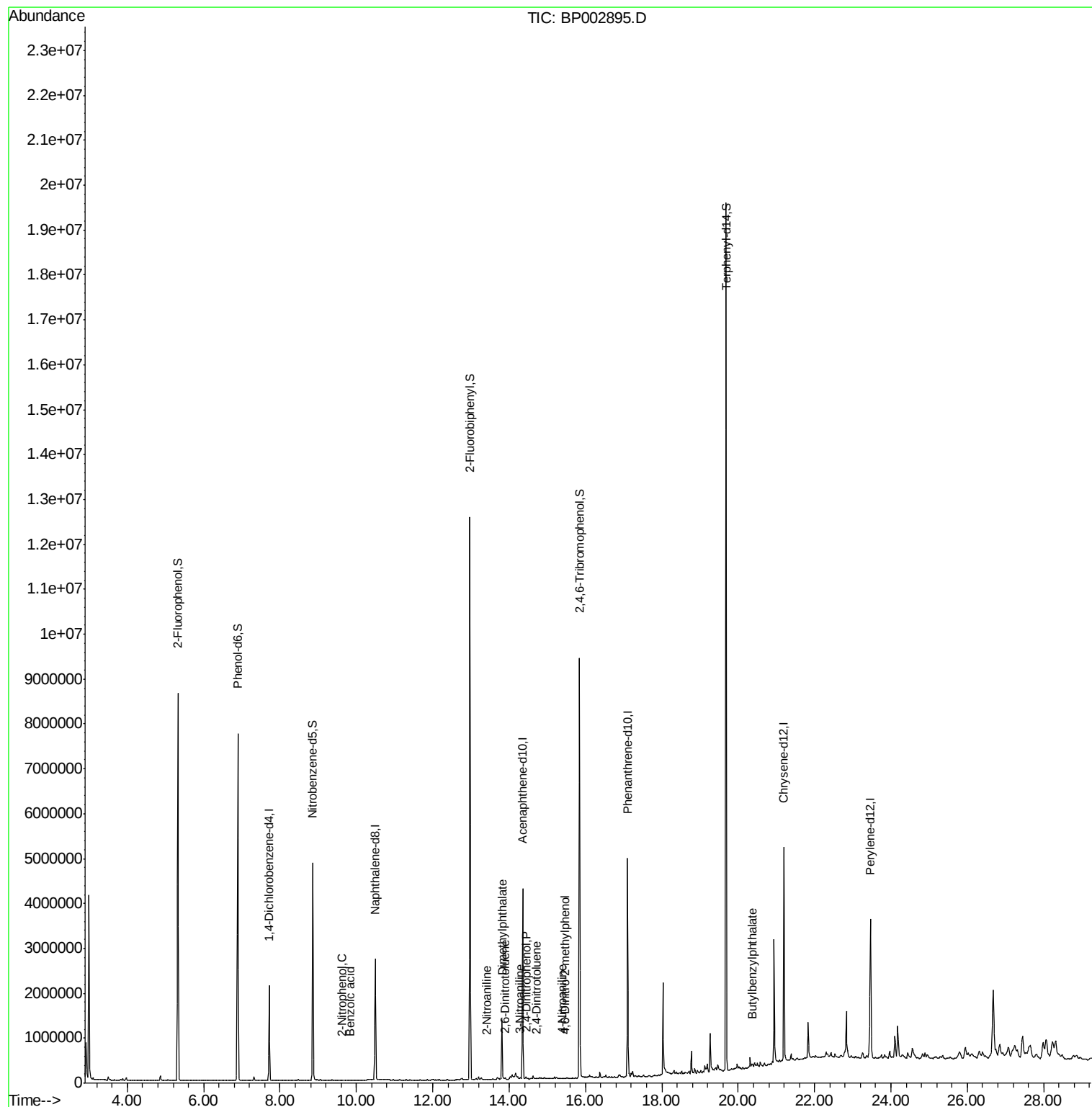
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.62	139	54	4.523	ng	# 1
32) Benzoic acid	9.85	122	208	7.694	ng	# 62
48) 2-Nitroaniline	13.41	65	288	3.983	ng	# 60
50) Dimethylphthalate	13.81	163	843807	7.676	ng	# 99
51) 2,6-Dinitrotoluene	13.91	165	1268	2.947	ng	# 64
53) 3-Nitroaniline	14.26	138	111	3.277	ng	# 39
54) 2,4-Dinitrophenol	14.45	184	47	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	425	3.818	ng	# 52
62) 4-Nitroaniline	15.40	138	302	2.427	ng	# 59
65) 4,6-Dinitro-2-methylphenol	15.45	198	92	6.906	ng	# 1
80) Butylbenzylphthalate	20.37	149	1988	3.087	ng	# 39

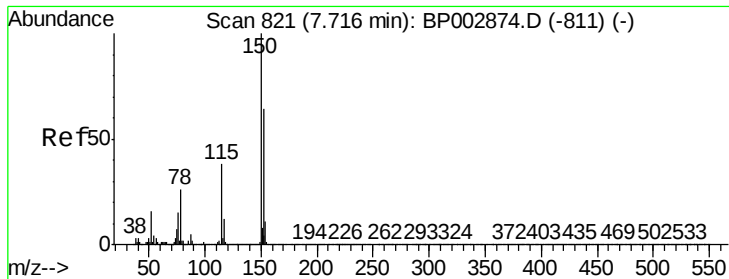
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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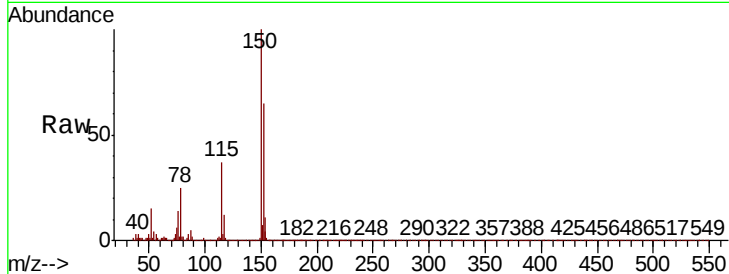


#1

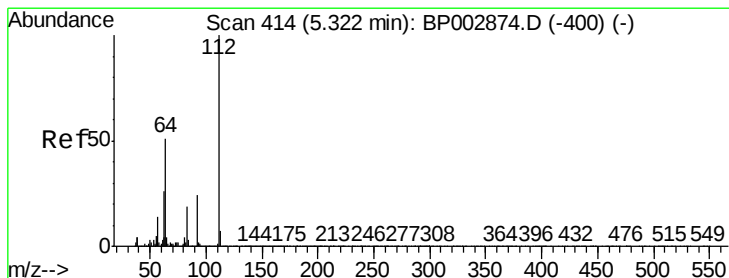
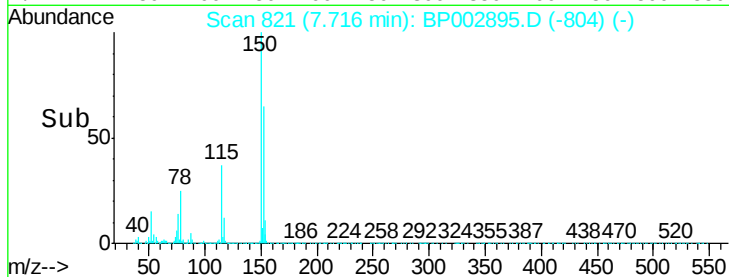
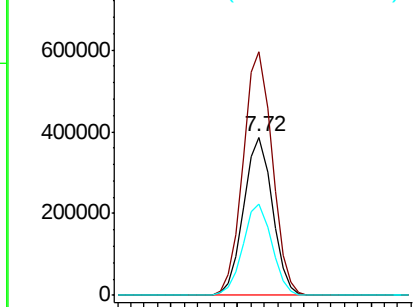
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.8	187.2
115	57.3	47.4	71.2



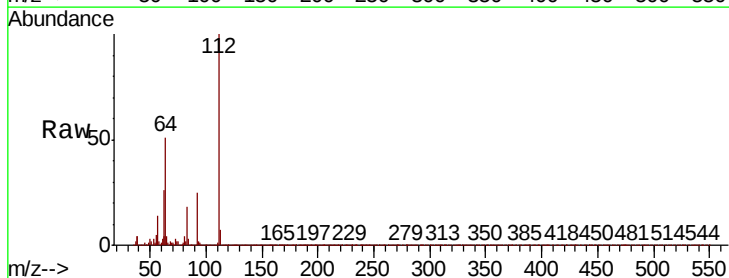
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



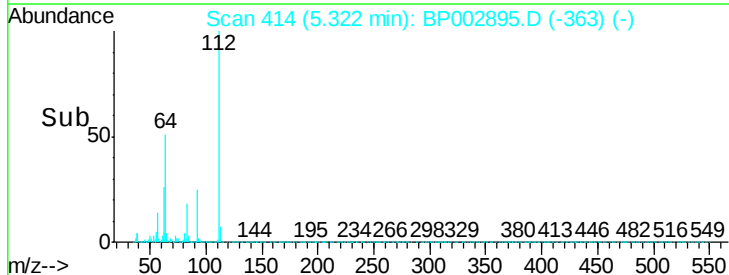
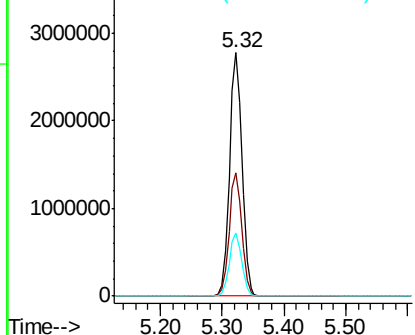
#5

2-Fluorophenol
Concen: 103.711 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	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: 96.459 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002895.D

Acq: 31 Jul 2020 16:34

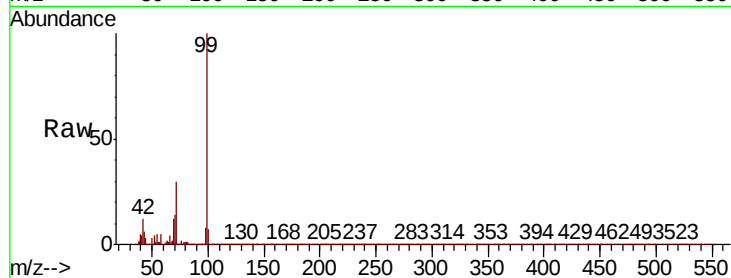
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 5039885

Ion	Ratio	Lower	Upper
99	100		
42	11.6	9.3	13.9
71	29.9	23.5	35.3

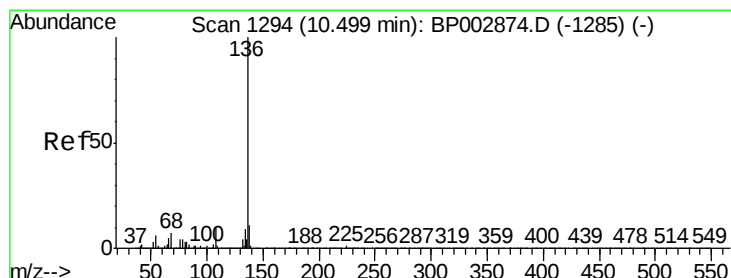
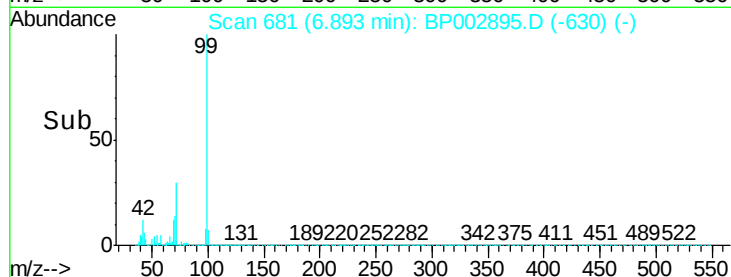
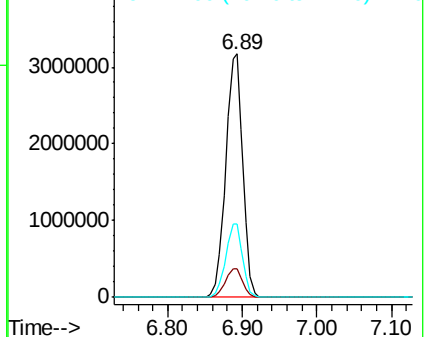


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

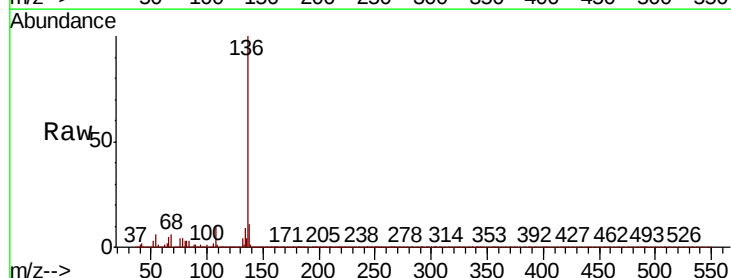
Delta R.T. -0.01 min

Lab File: BP002895.D

Acq: 31 Jul 2020 16:34

Tgt Ion: 136 Resp: 2306318

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.3	5.1	7.7
68	6.4	5.3	7.9



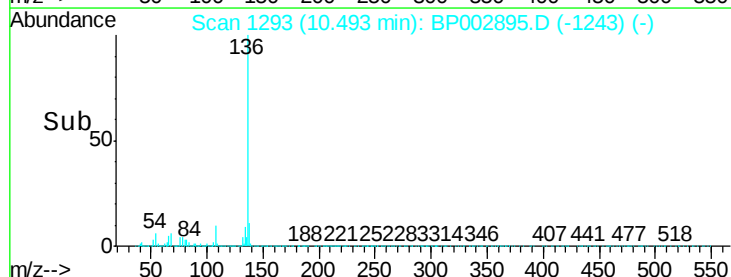
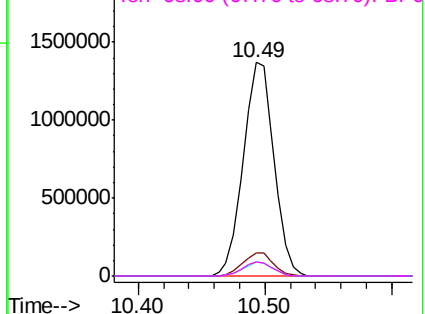
Abundance

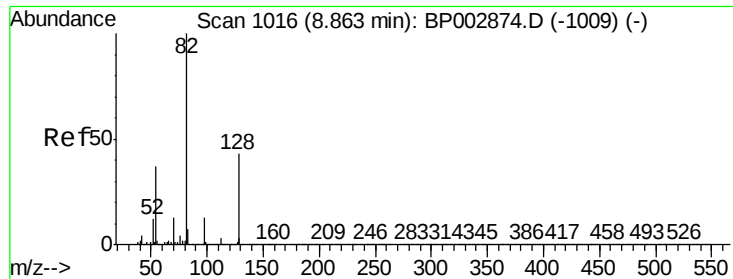
Ion 136.00 (135.70 to 136.70): E

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

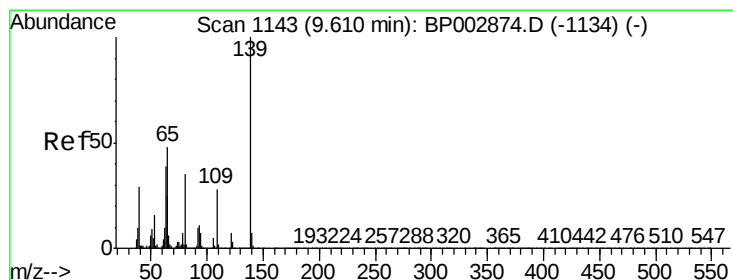
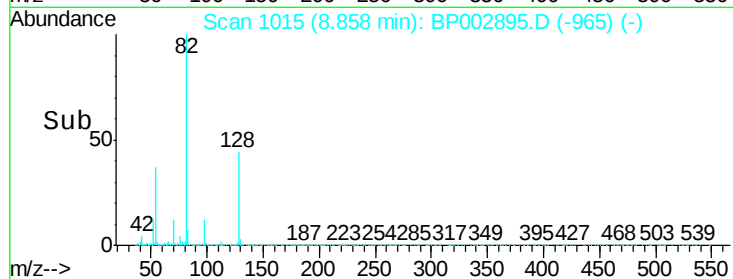
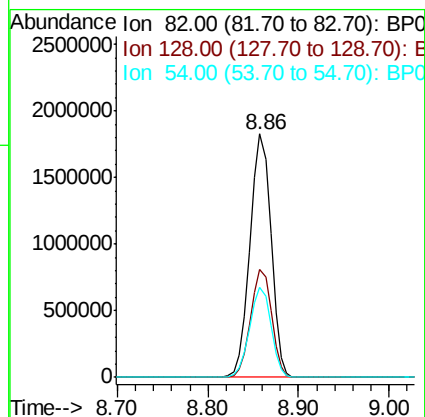
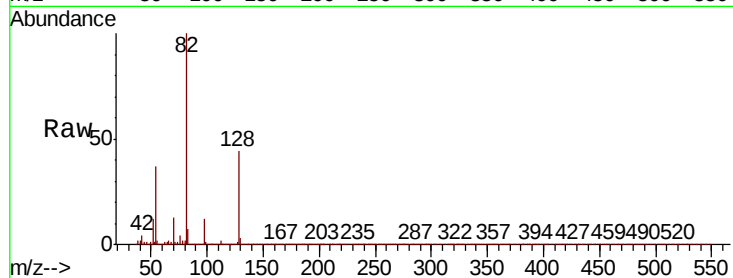




#23
Nitrobenzene-d5
Concen: 69.095 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

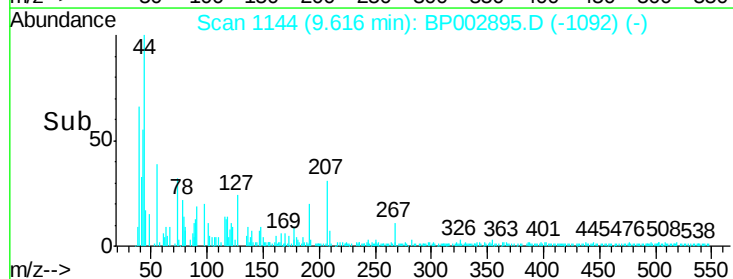
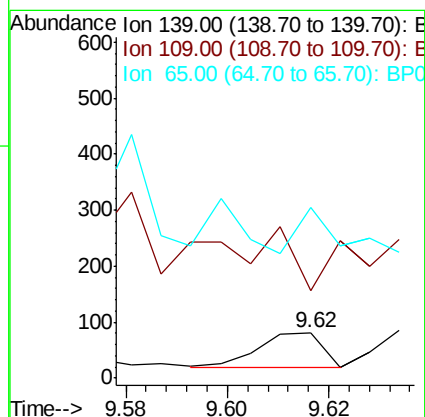
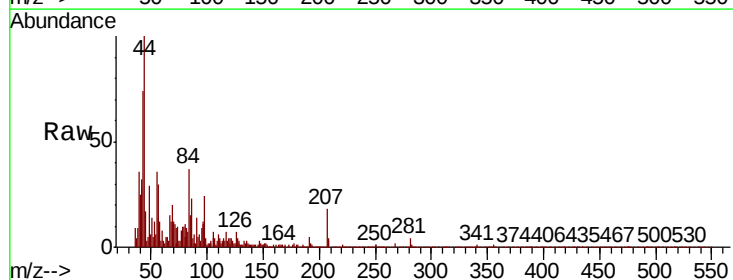
Instrument :
BNA_P
ClientSampled :

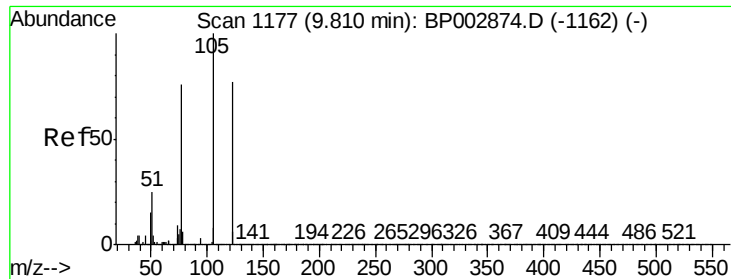
Tot Ion: 82 Resp: 2942190
Ion Ratio Lower Upper
82 100
128 44.4 34.6 52.0
54 37.0 29.5 44.3



#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.62 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 193.8 22.2 33.2#
65 375.3 38.9 58.3#

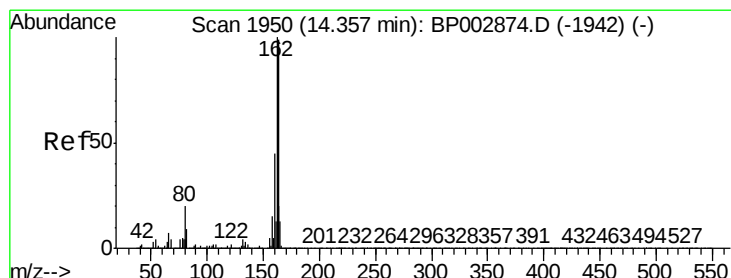
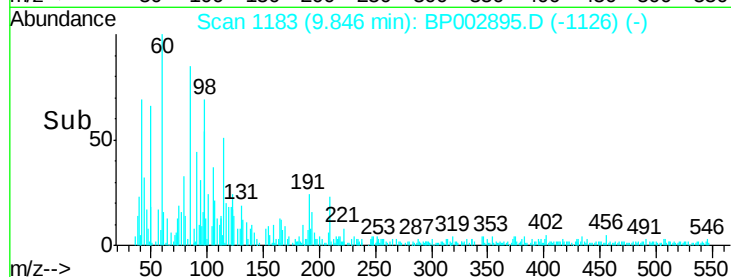
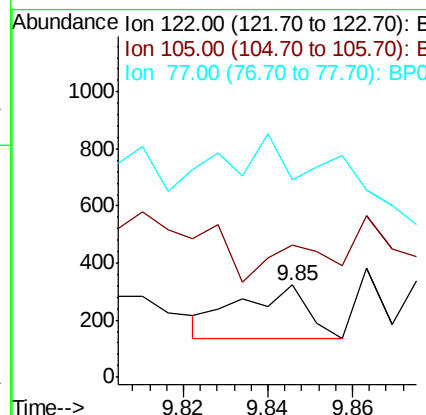
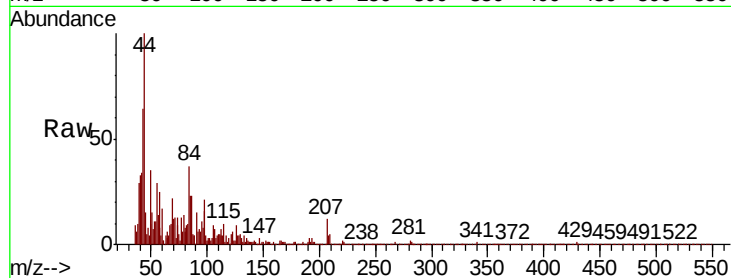




#32
Benzoic acid
Concen: 7.694 ng
RT: 9.85 min Scan# 1183
Delta R.T. 0.04 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

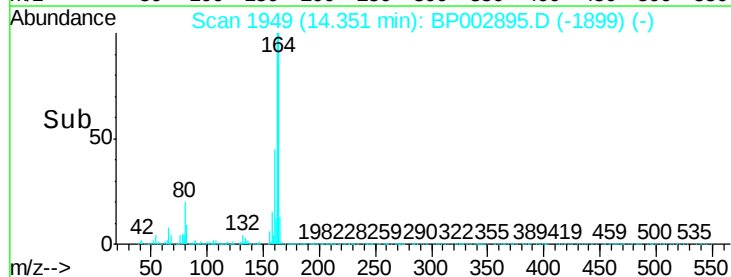
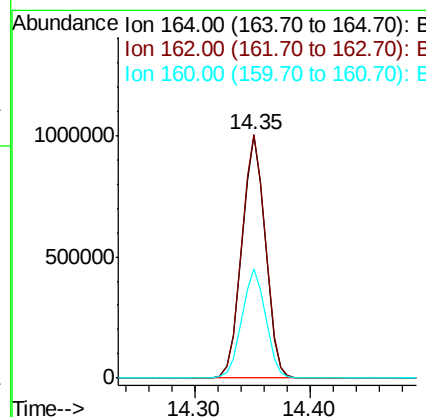
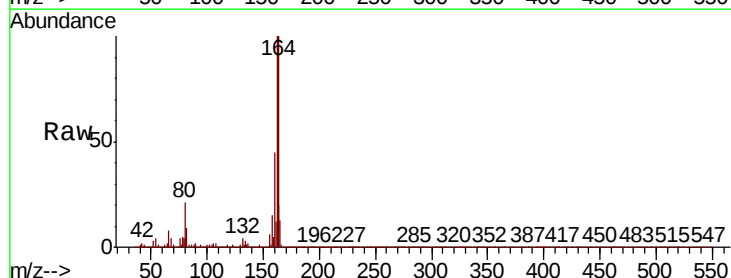
Instrument :
BNA_P
ClientSampled :

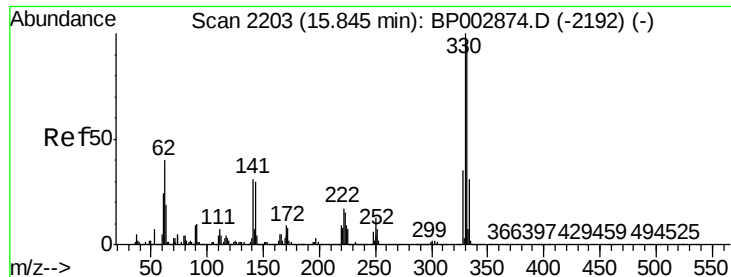
Tot Ion:122 Resp: 208
Ion Ratio Lower Upper
122 100
105 112.6 103.4 143.4
77 167.7 74.6 114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion:164 Resp: 1405449
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 45.2 36.2 54.4

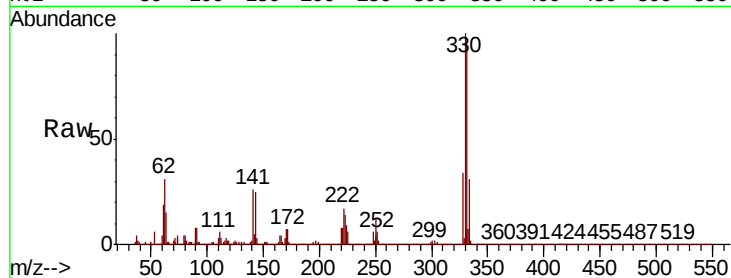




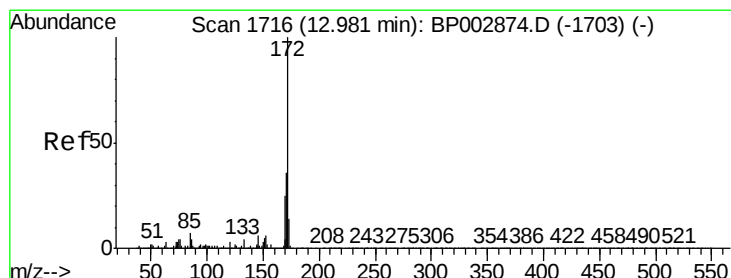
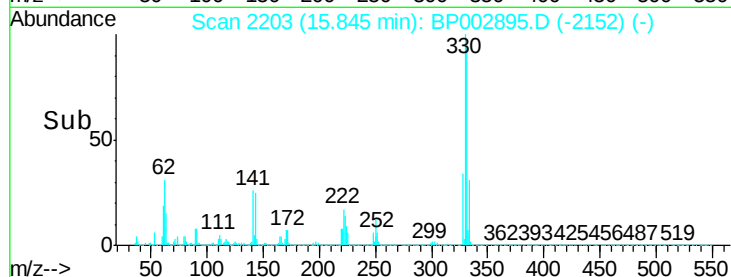
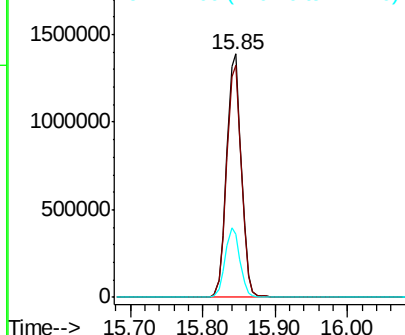
#42
 2,4,6-Tribromophenol
 Concen: 112.447 ng
 RT: 15.85 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BP002895.D
 Acq: 31 Jul 2020 16:34

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:330 Resp: 1964237
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 29.1 24.6 37.0

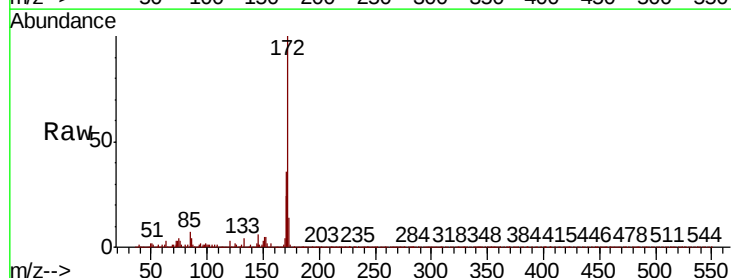


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

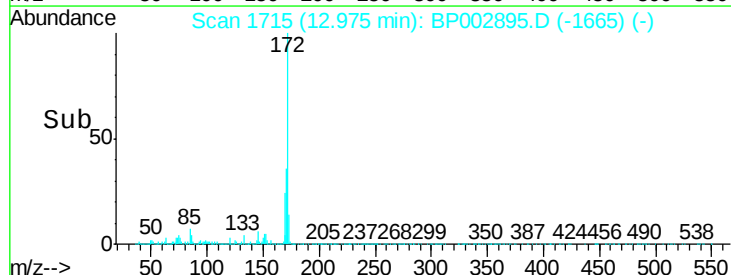
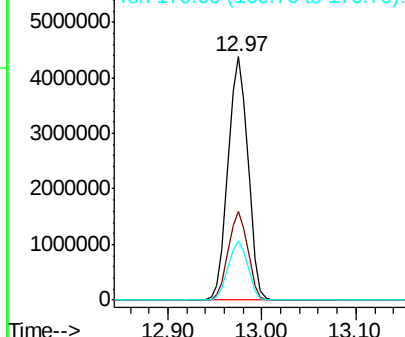


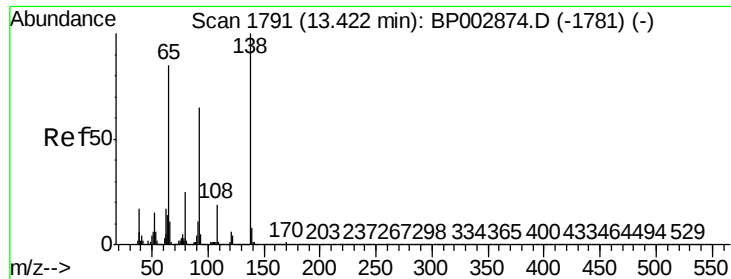
#45
 2-Fluorobiphenyl
 Concen: 62.668 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002895.D
 Acq: 31 Jul 2020 16:34

Tgt Ion:172 Resp: 6446385
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

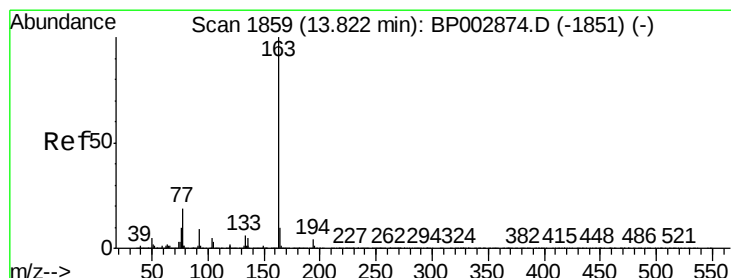
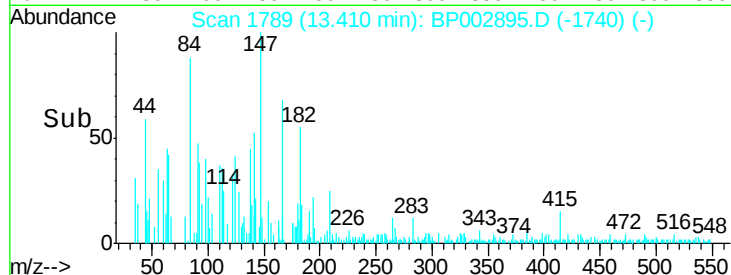
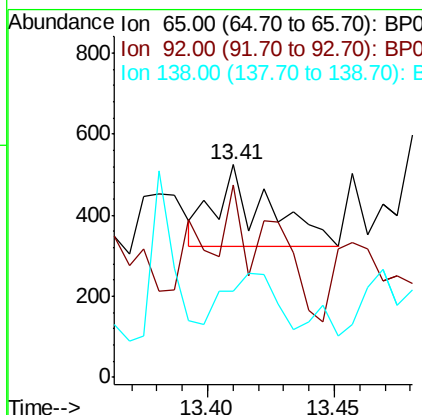
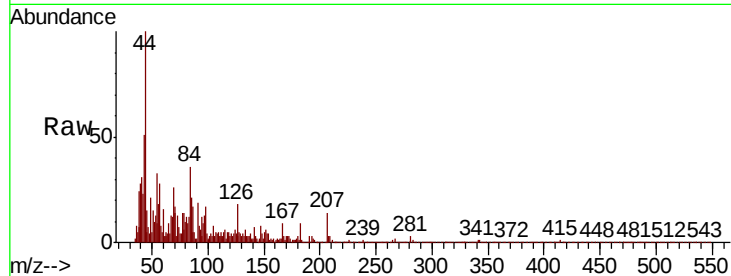




#48
2-Nitroaniline
Concen: 3.983 ng
RT: 13.41 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

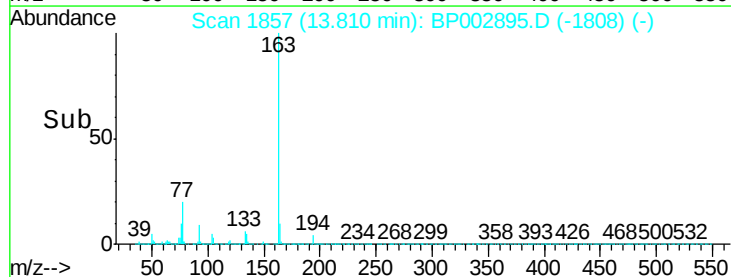
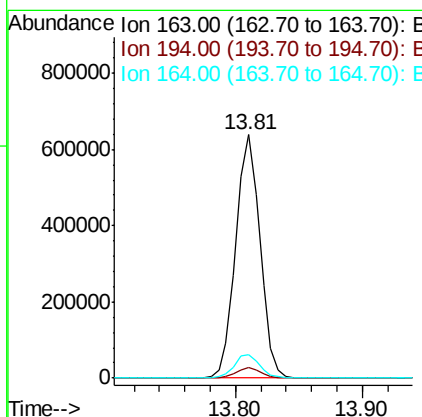
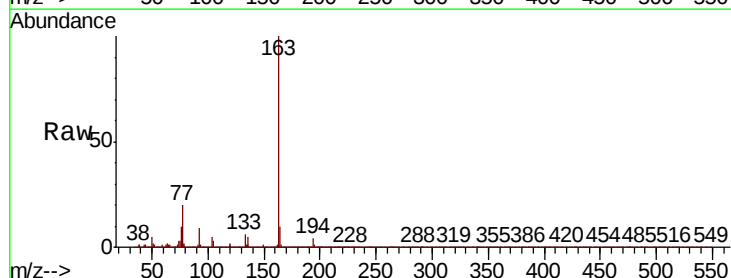
Instrument :
BNA_P
ClientSampled :

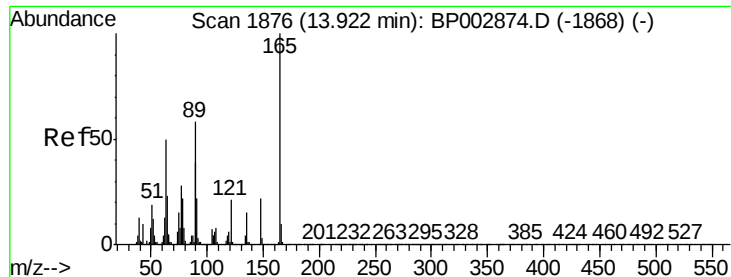
Tot Ion: 65 Resp: 288
Ion Ratio Lower Upper
65 100
92 90.6 61.4 92.0
138 57.4 94.2 141.4#



#50
Dimethylphthalate
Concen: 7.676 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion: 163 Resp: 843807
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.7 8.2 12.2

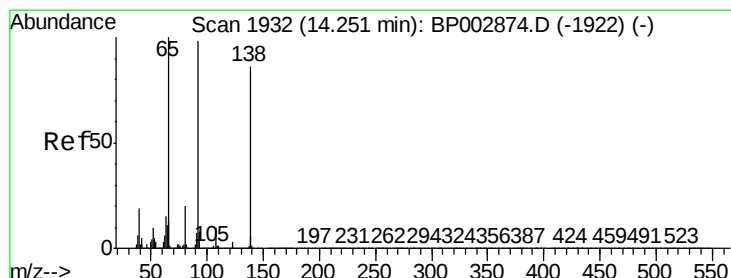
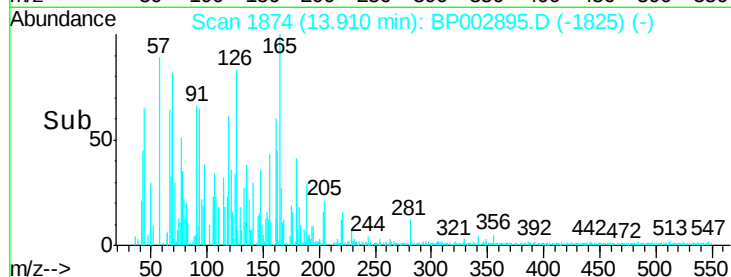
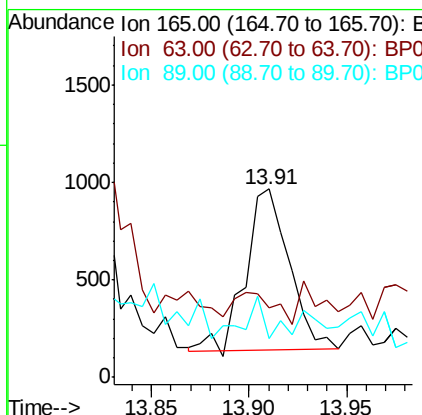
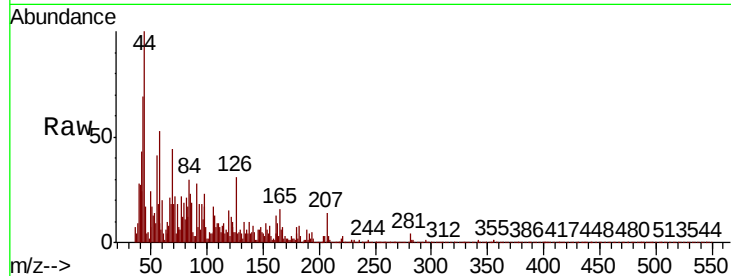




#51
2,6-Dinitrotoluene
Concen: 2.947 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

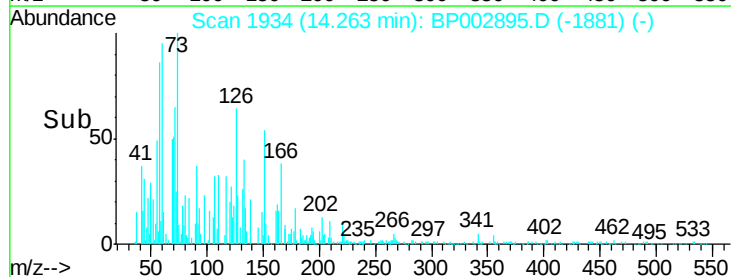
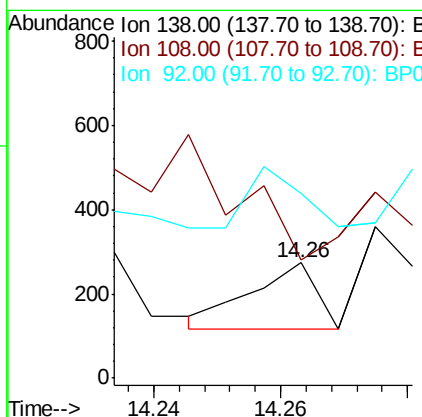
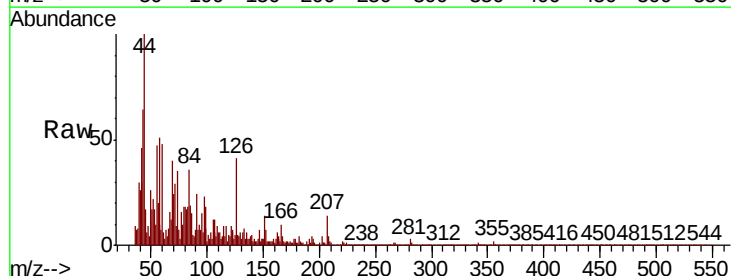
Instrument :
BNA_P
ClientSampleId :

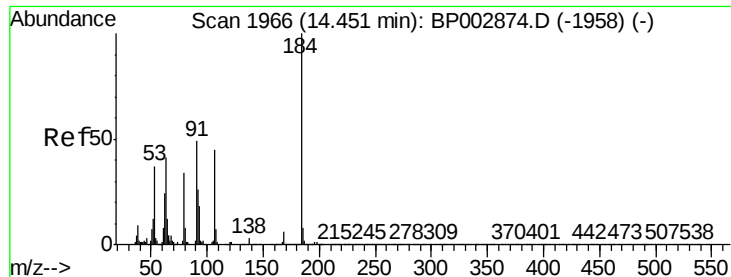
Tot Ion:165 Resp: 1268
Ion Ratio Lower Upper
165 100
63 36.9 40.3 60.5#
89 20.8 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.277 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
108 102.6 9.4 14.0#
92 160.2 91.0 136.6#

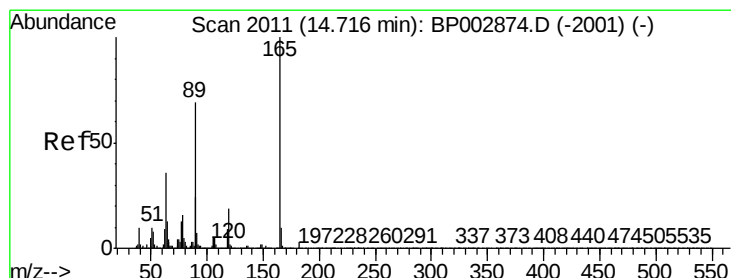
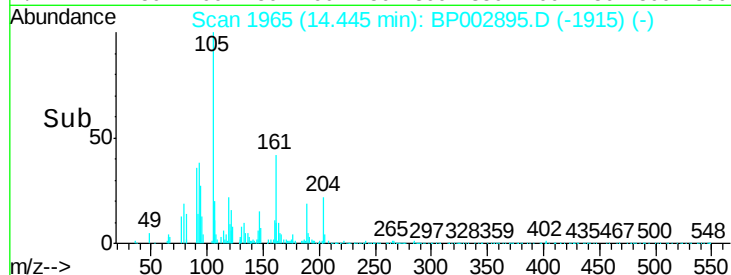
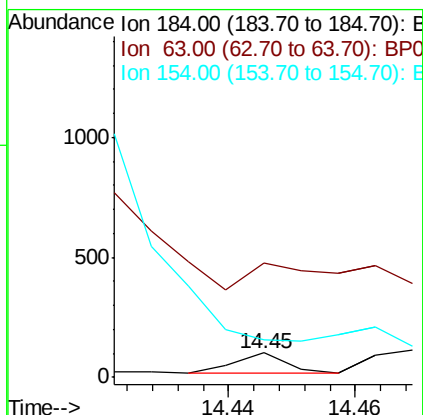
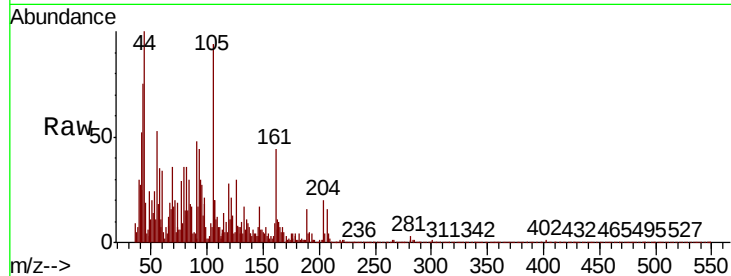




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

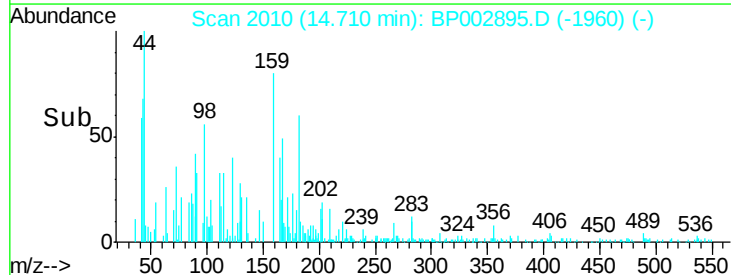
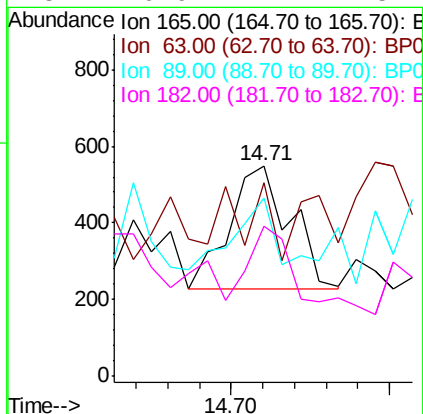
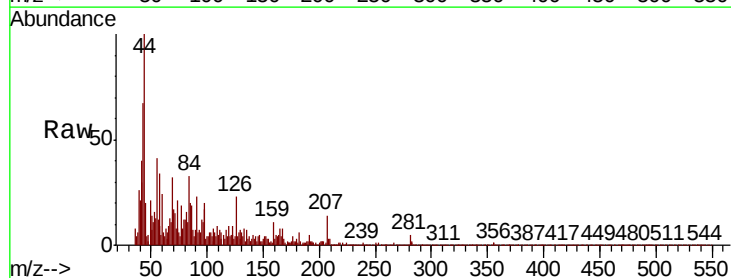
Instrument :
BNA_P
ClientSampleId :

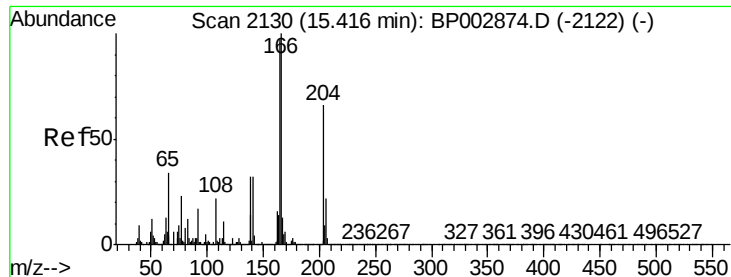
Tot Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 463.1 50.3 75.5#
154 152.4 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.818 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion:165 Resp: 425
Ion Ratio Lower Upper
165 100
63 91.8 29.0 43.4#
89 84.4 55.5 83.3#
182 70.9 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.427 ng

RT: 15.40 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BP002895.D

Acq: 31 Jul 2020 16:34

Instrument :

BNA_P

ClientSampled :

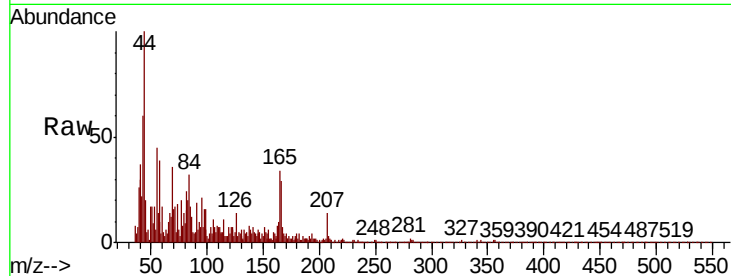
Tot Ion:138 Resp: 302

Ion Ratio Lower Upper

138 100

92 106.8 32.2 72.2#

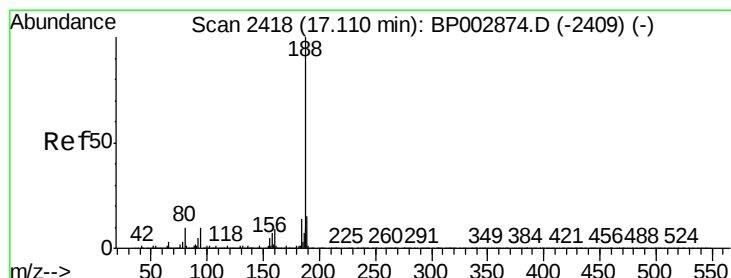
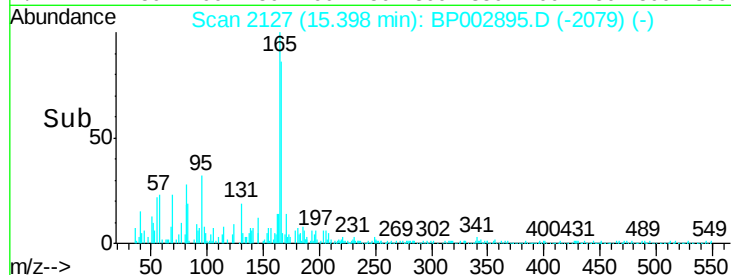
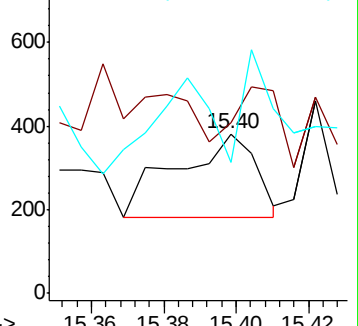
108 81.9 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BPO

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: BP002895.D

Acq: 31 Jul 2020 16:34

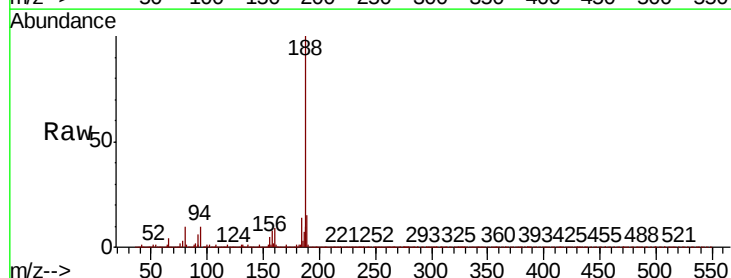
Tgt Ion:188 Resp: 2850445

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

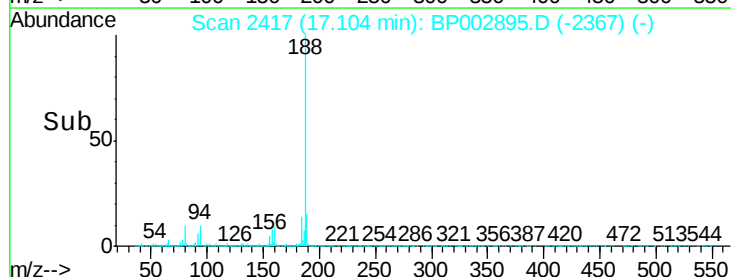
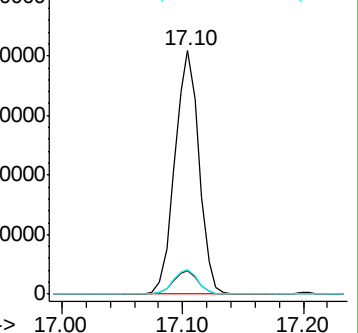
80 10.4 8.0 12.0

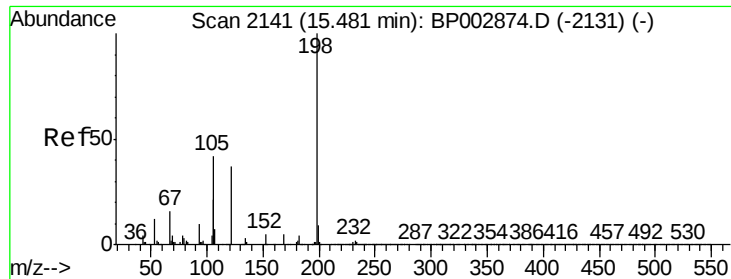


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO

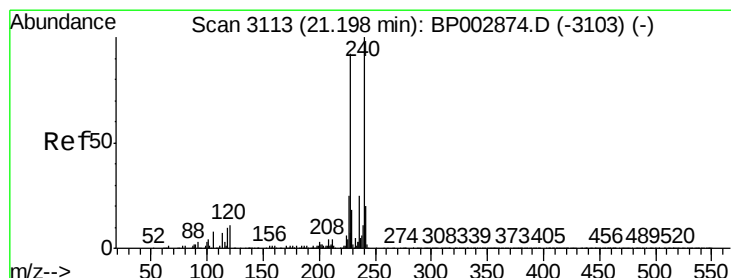
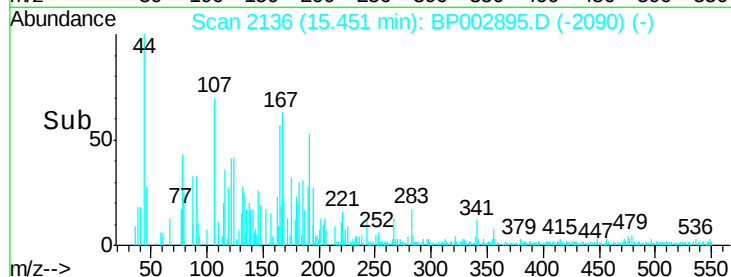
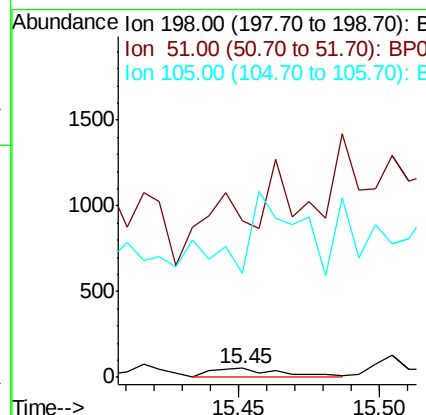
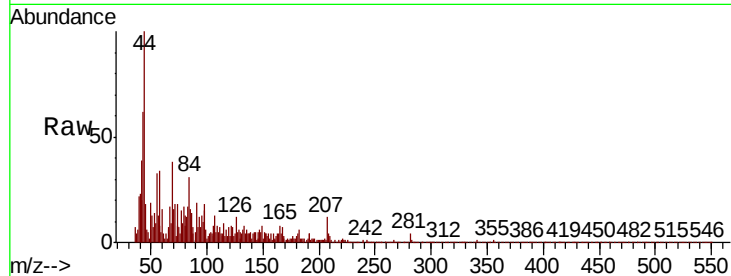




#65
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

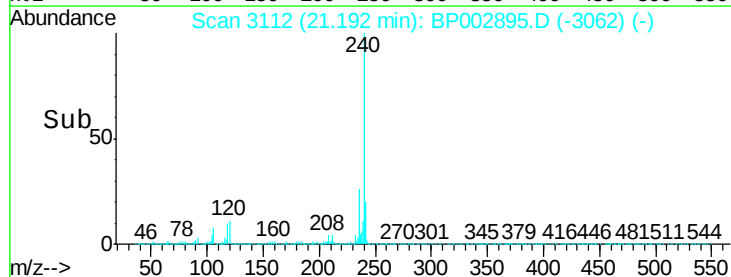
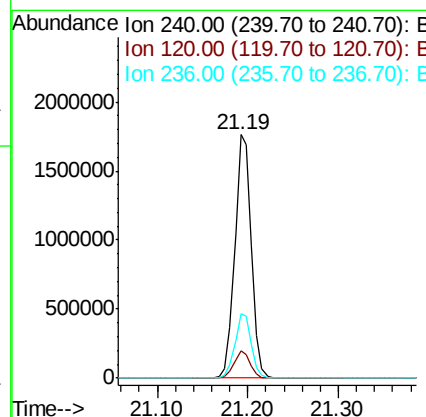
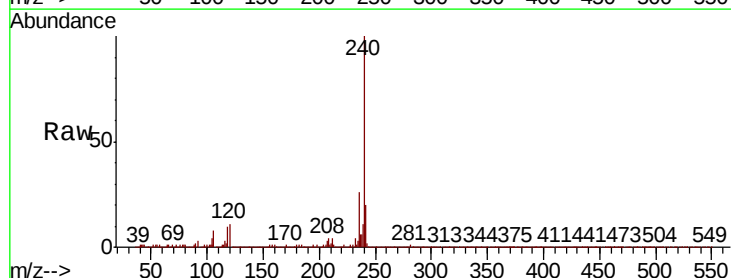
Instrument :
BNA_P
ClientSampled :

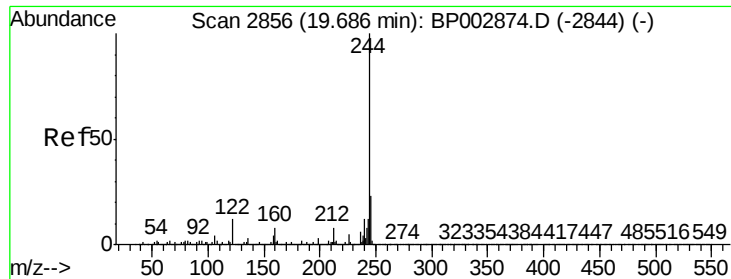
Tot Ion:198 Resp: 92
Ion Ratio Lower Upper
198 100
51 1688.9 11.6 51.6#
105 1125.9 23.8 63.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Tgt Ion:240 Resp: 2237062
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 70.916 ng

RT: 19.68 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BP002895.D

Acq: 31 Jul 2020 16:34

Instrument :

BNA_P

ClientSampleId :

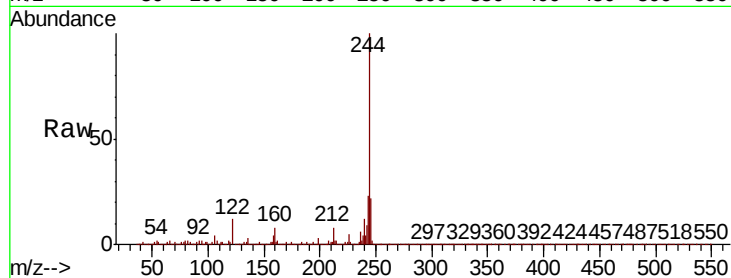
Tot Ion:244 Resp: 7924435

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

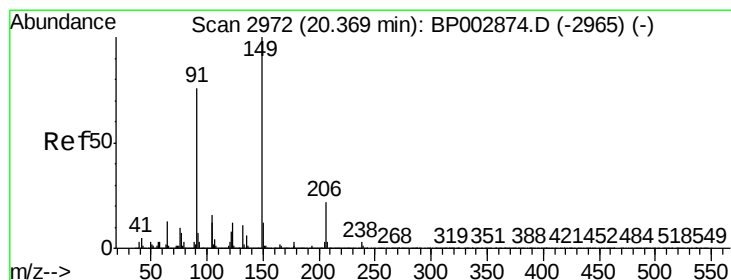
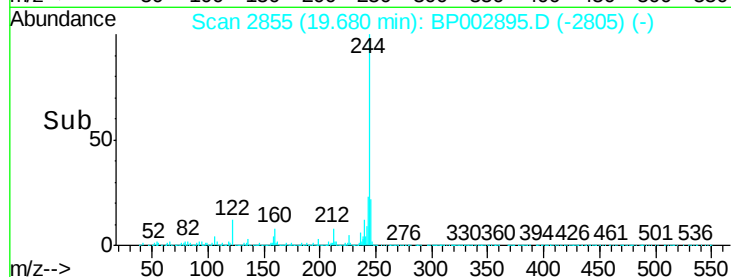
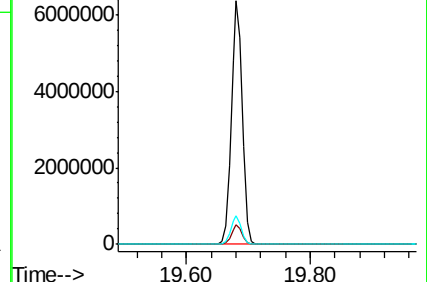
122 11.6 9.4 14.2



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: 3.087 ng

RT: 20.37 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BP002895.D

Acq: 31 Jul 2020 16:34

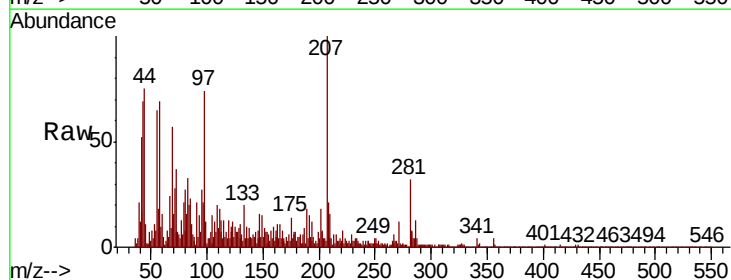
Tgt Ion:149 Resp: 1988

Ion Ratio Lower Upper

149 100

91 140.3 60.5 90.7#

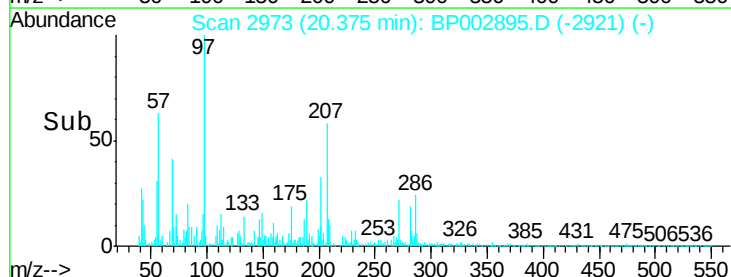
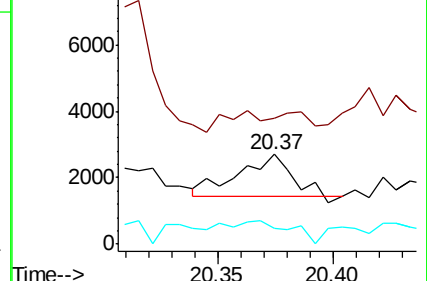
206 17.9 17.5 26.3

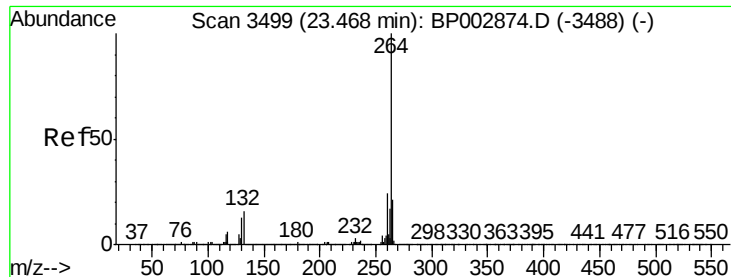


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



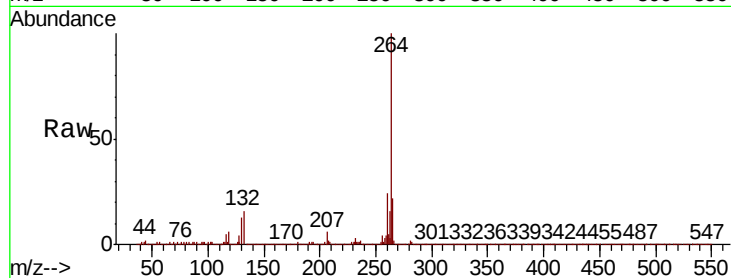


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002895.D
Acq: 31 Jul 2020 16:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 2201175

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.8	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

