

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
 Data File : BP002885.D
 Acq On : 30 Jul 2020 20:07
 Operator : CG/JU
 Sample : L3483-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Jul 31 00:47:29 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

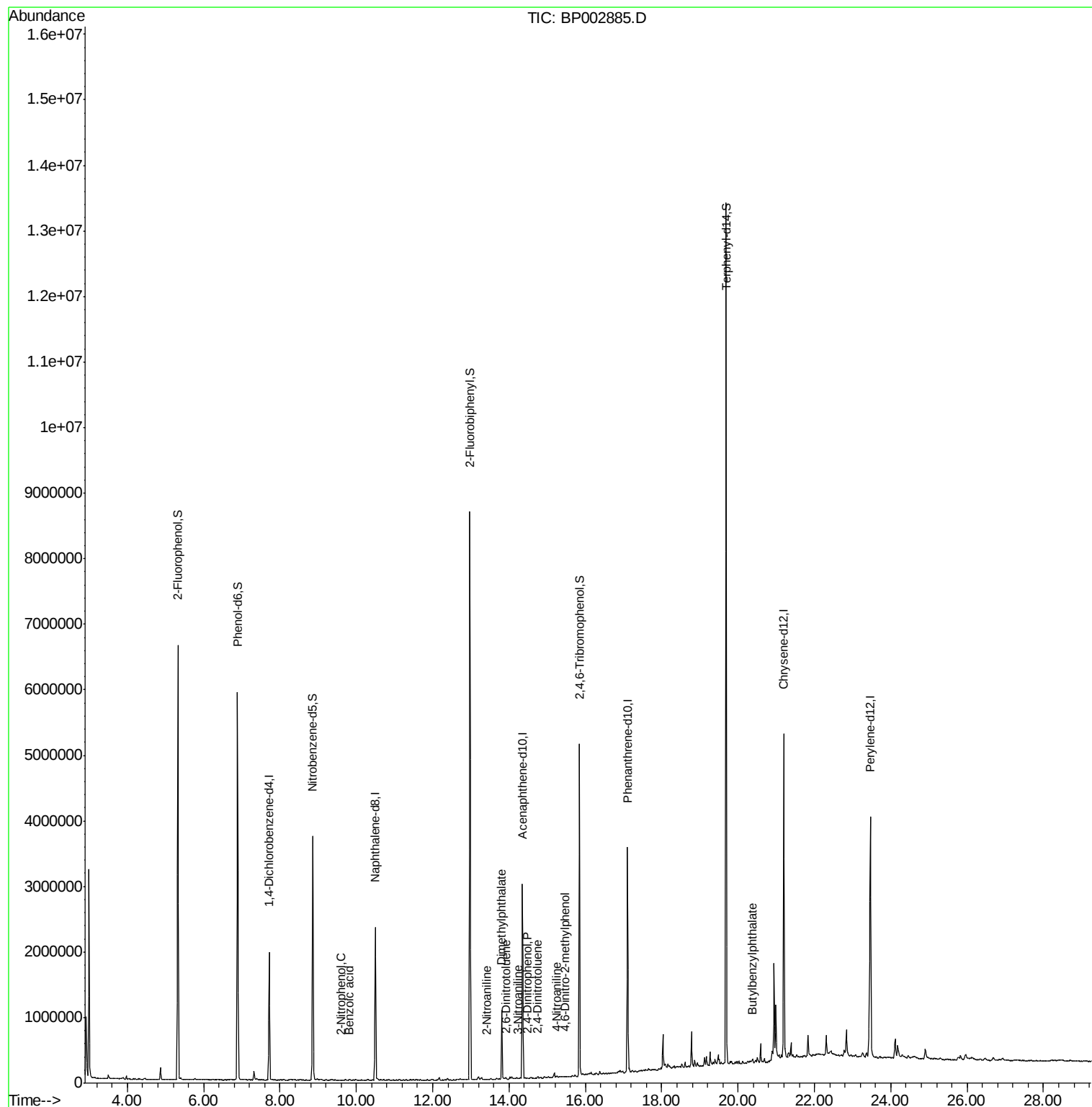
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	547515	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1974274	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1020120	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1994516	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2247164	20.00	ng	0.00
86) Perylene-d12	23.46	264	2542322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2949052	82.44	ng	0.00
7) Phenol-d6	6.89	99	3620450	72.89	ng	0.00
23) Nitrobenzene-d5	8.86	82	2244631	61.58	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1001808	79.01	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4518996	60.53	ng	0.00
79) Terphenyl-d14	19.68	244	5534190	49.30	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.59	139	26	4.522	ng	# 1
32) Benzoic acid	9.81	122	541	7.711	ng	# 78
48) 2-Nitroaniline	13.42	65	129	3.979	ng	# 36
50) Dimethylphthalate	13.81	163	649433	8.140	ng	# 99
51) 2,6-Dinitrotoluene	13.92	165	1558	2.981	ng	# 67
53) 3-Nitroaniline	14.25	138	81	3.277	ng	# 22
54) 2,4-Dinitrophenol	14.48	184	137	8.074	ng	# 1
57) 2,4-Dinitrotoluene	14.73	165	382	3.821	ng	# 68
62) 4-Nitroaniline	15.26	138	513	2.442	ng	# 97
65) 4,6-Dinitro-2-methylphenol	15.46	198	146	6.912	ng	# 1
80) Butylbenzylphthalate	20.37	149	9390	3.196	ng	# 90

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

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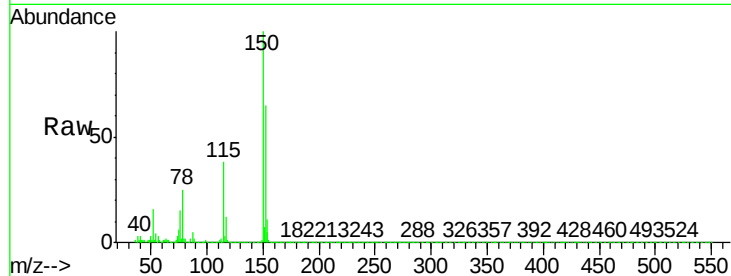


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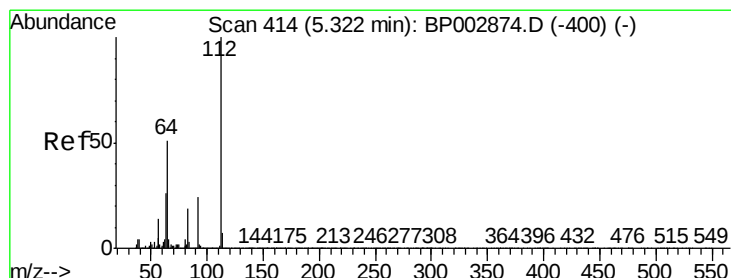
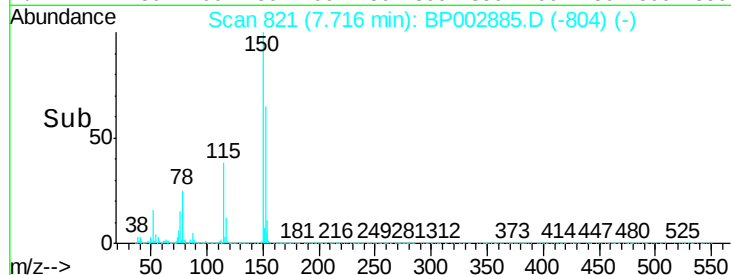
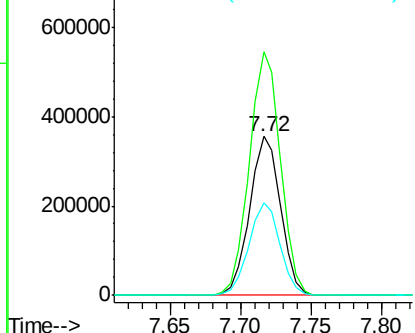
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Instrument :
BNA_P
ClientSampleId :
S-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.8	187.2
115	58.2	47.4	71.2



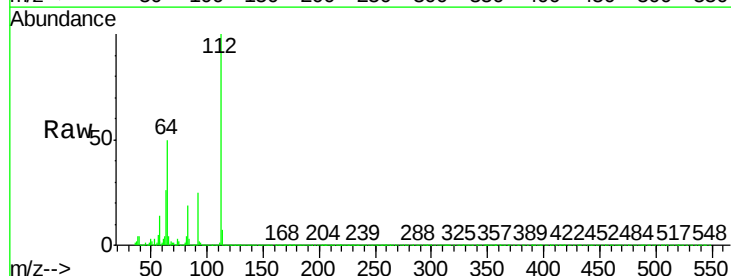
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



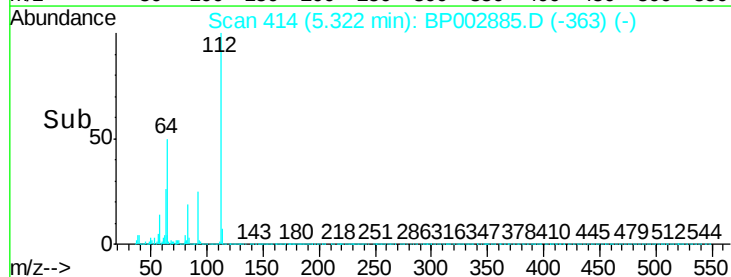
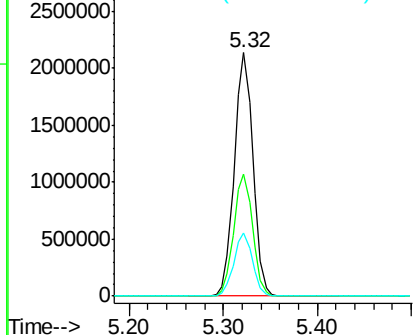
#5

2-Fluorophenol
Concen: 82.436 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	41.0	61.6
63	25.9	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: 72.894 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002885.D

Acq: 30 Jul 2020 20:07

Instrument :

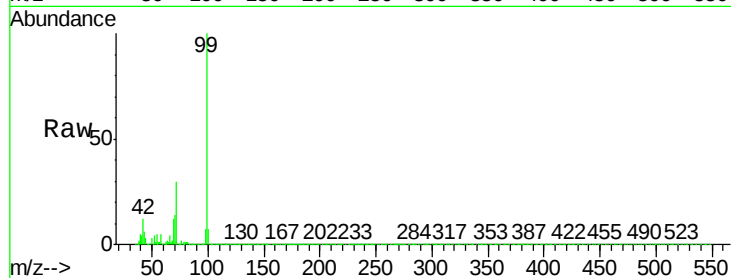
BNA_P

ClientSampleId :

S-1

Tot Ion: 99 Resp: 3620450

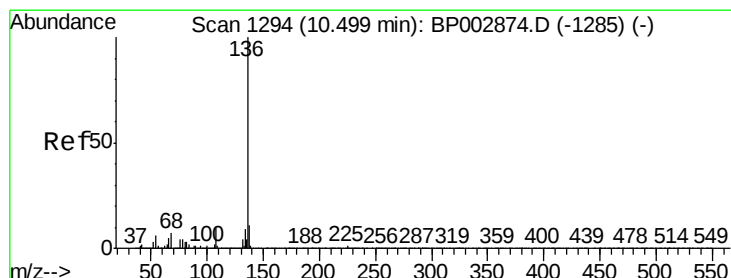
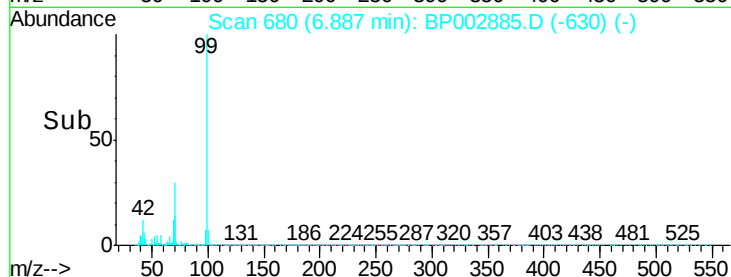
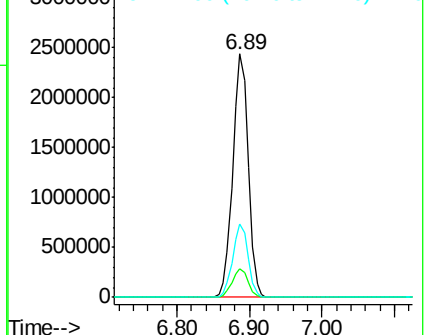
Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.3	13.9
71	29.9	23.5	35.3



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: 10.50 min Scan# 1294

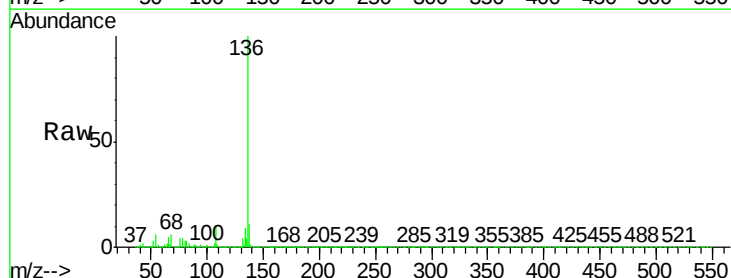
Delta R.T. -0.00 min

Lab File: BP002885.D

Acq: 30 Jul 2020 20:07

Tgt Ion: 136 Resp: 1974274

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.2	5.1	7.7
68	6.1	5.3	7.9

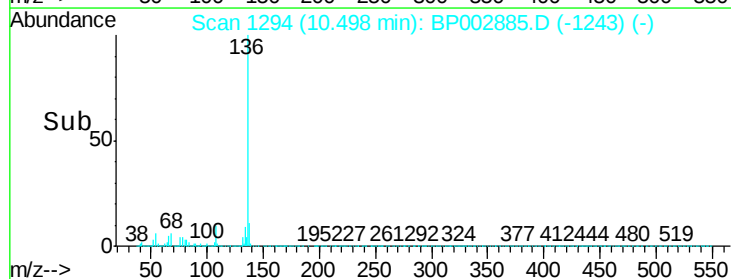
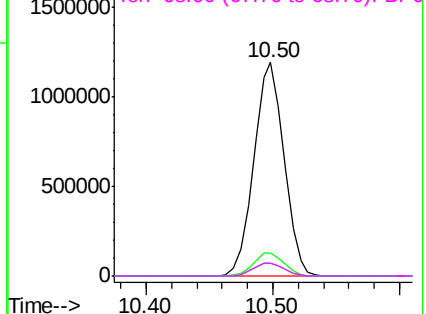


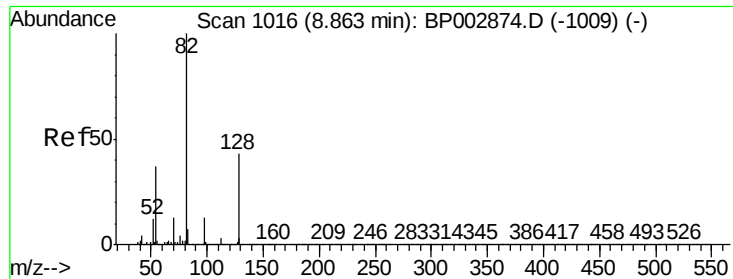
Abundance Ion 136.00 (135.70 to 136.70): E

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

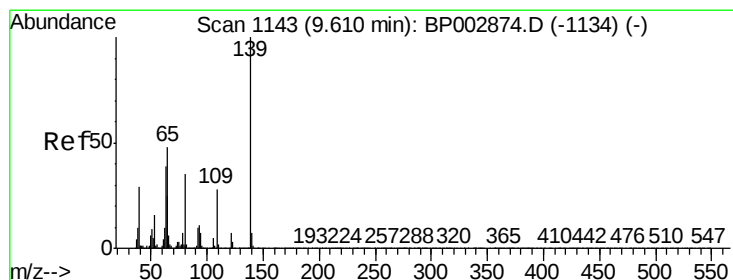
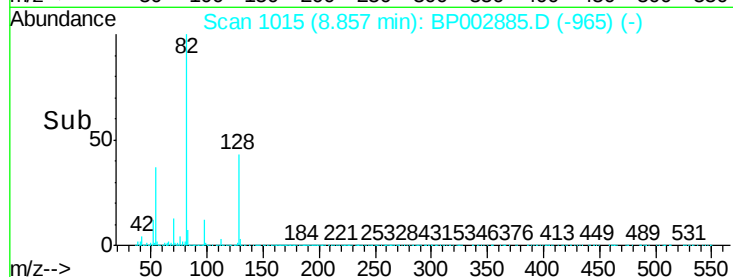
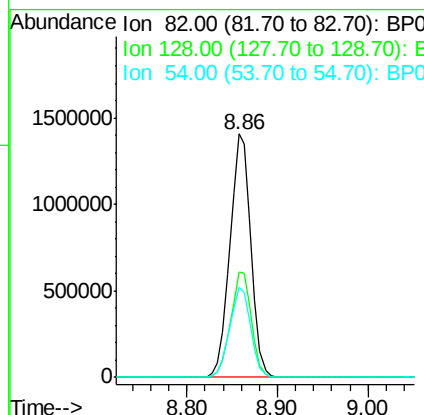
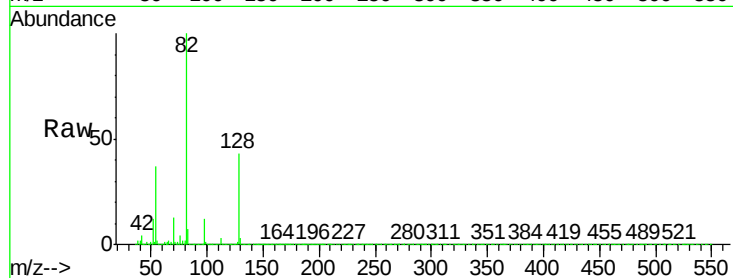




#23
Nitrobenzene-d5
Concen: 61.579 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

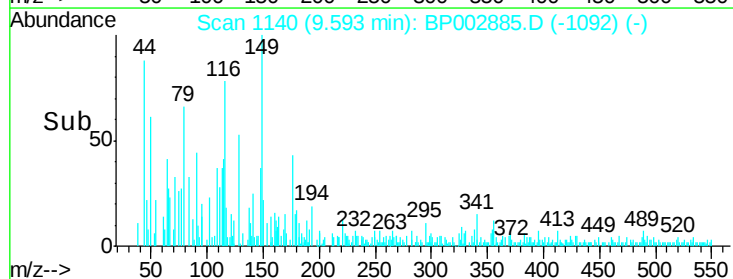
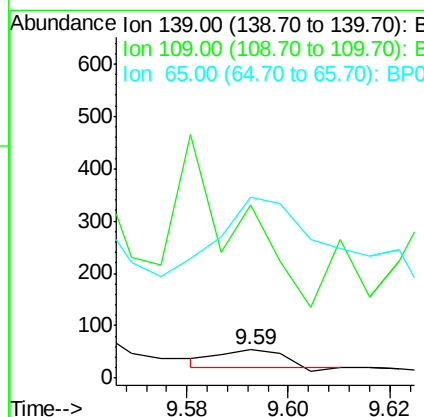
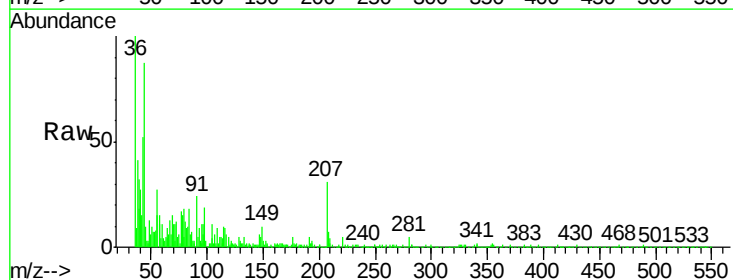
Instrument :
BNA_P
ClientSampleId :
S-1

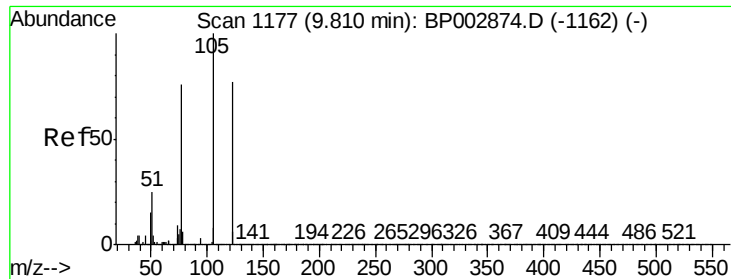
Tot Ion: 82 Resp: 2244631
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 36.8 29.5 44.3



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion: 139 Resp: 26
Ion Ratio Lower Upper
139 100
109 613.0 22.2 33.2#
65 640.7 38.9 58.3#

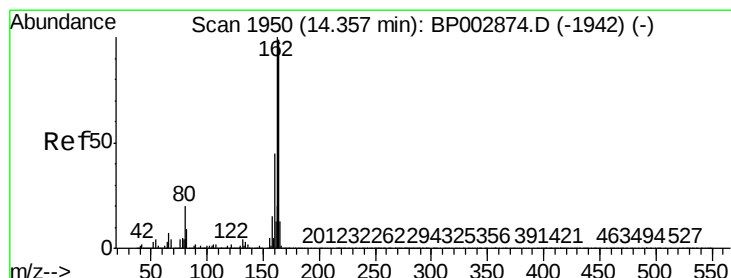
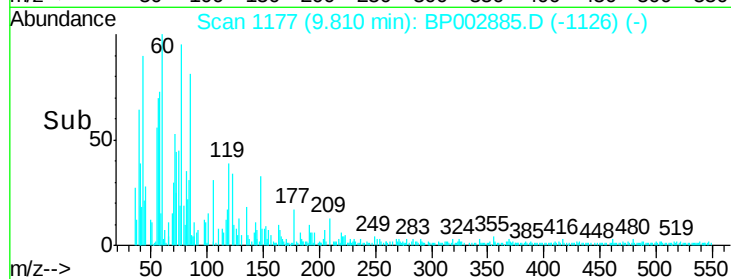
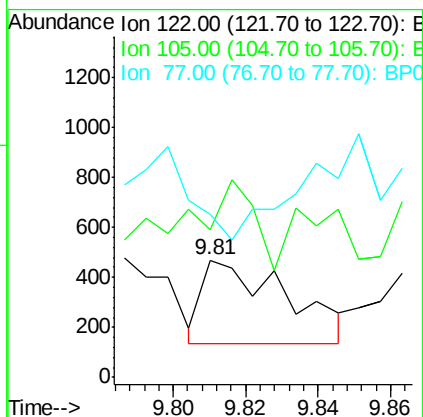
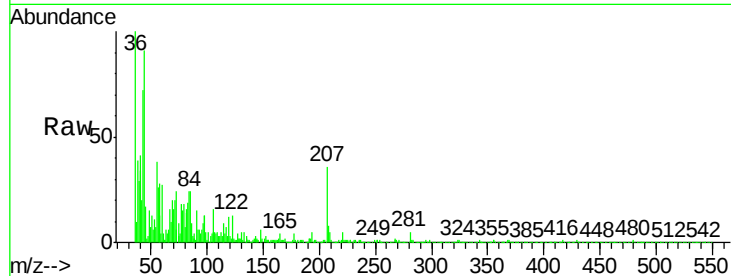




#32
Benzoic acid
Concen: 7.711 ng
RT: 9.81 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

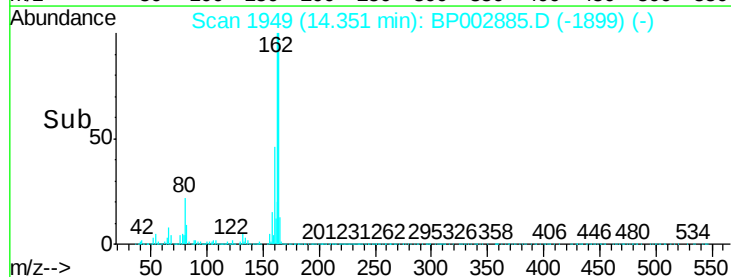
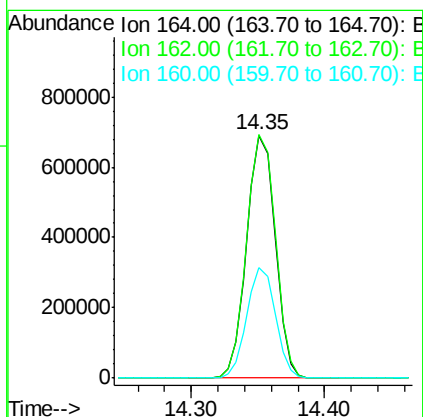
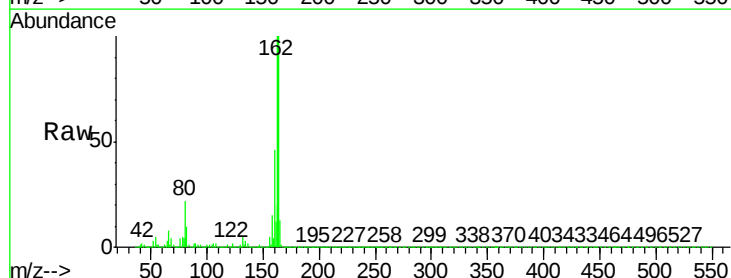
Instrument :
BNA_P
ClientSampled :
S-1

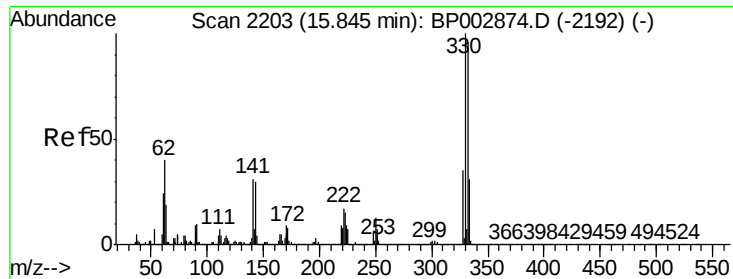
Tot Ion:122 Resp: 541
Ion Ratio Lower Upper
122 100
105 126.5 103.4 143.4
77 139.5 74.6 114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion:164 Resp: 1020120
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 45.7 36.2 54.4

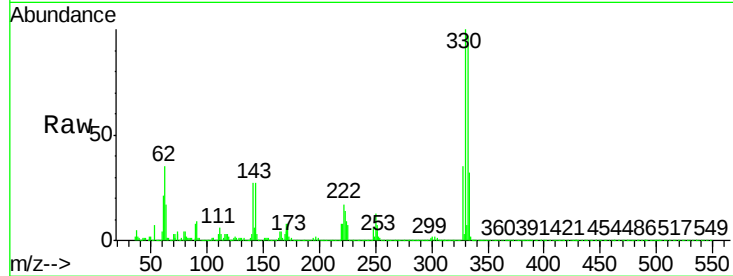




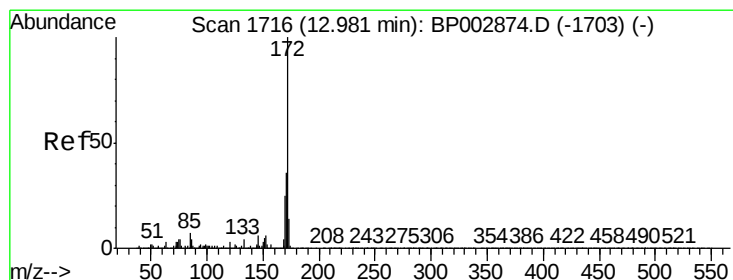
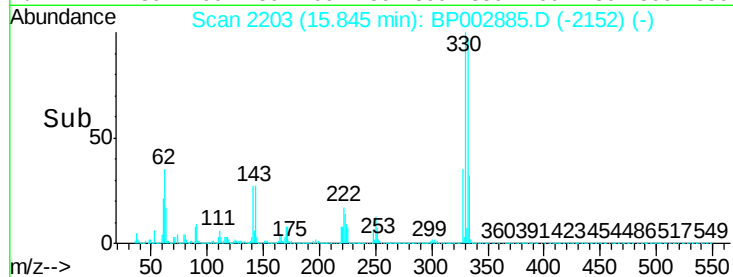
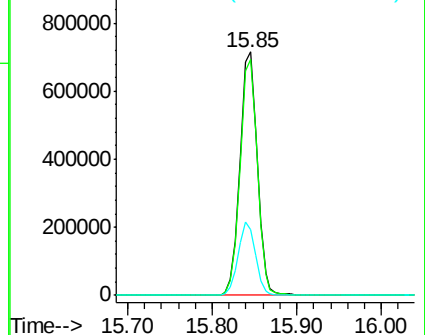
#42
2,4,6-Tribromophenol
Concen: 79.014 ng
RT: 15.85 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Instrument :
BNA_P
ClientSampleId :
S-1

Tot Ion:330 Resp: 1001808
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 30.3 24.6 37.0

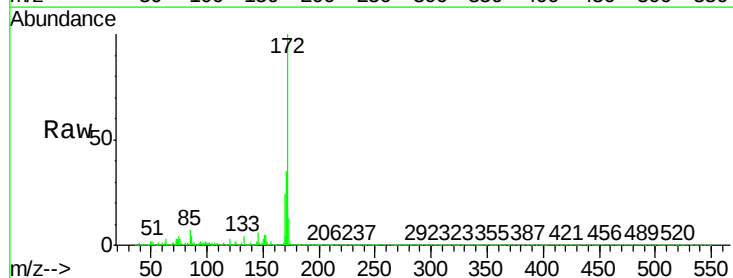


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

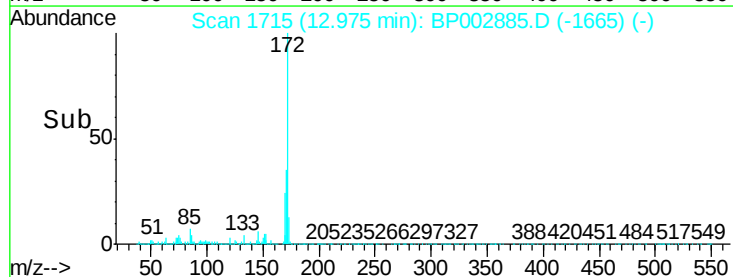
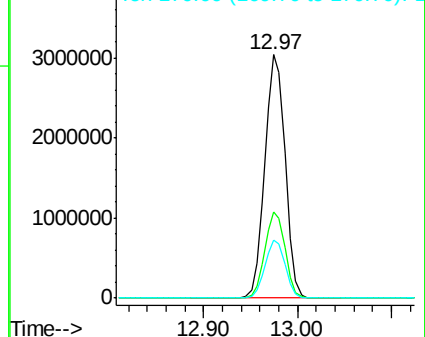


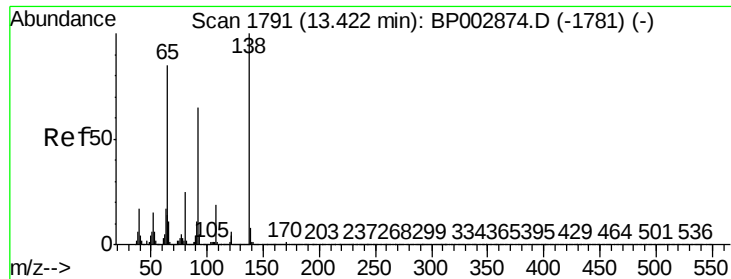
#45
2-Fluorobiphenyl
Concen: 60.525 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion:172 Resp: 4518996
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.8 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

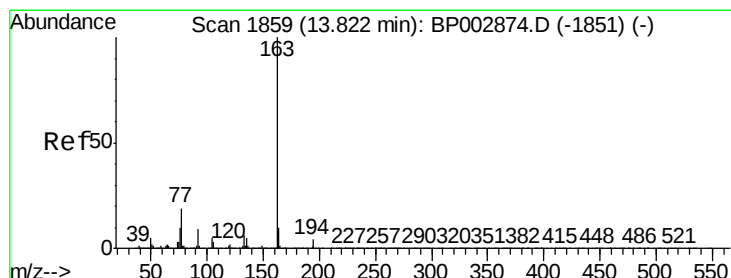
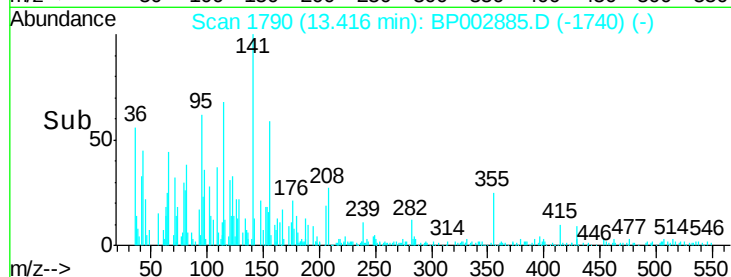
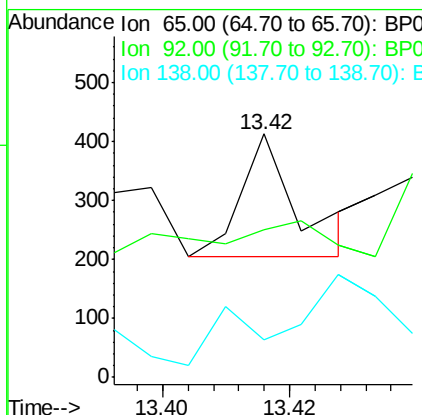
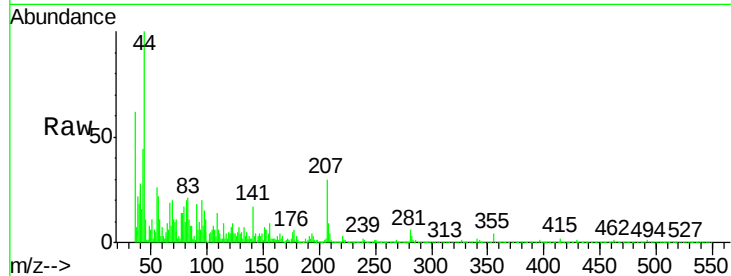




#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.42 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

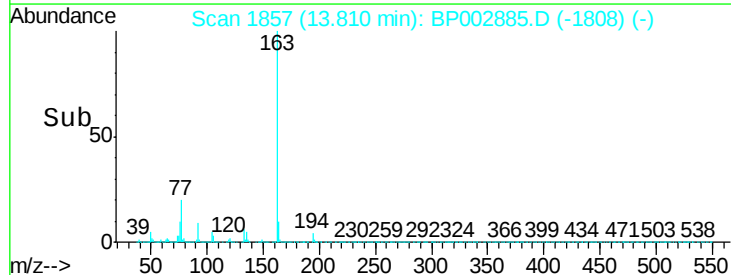
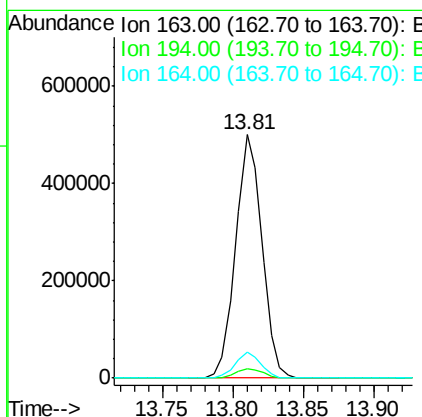
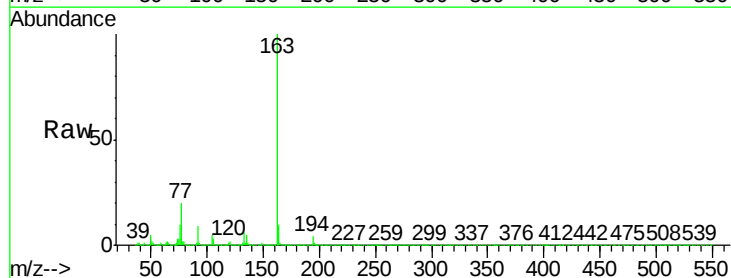
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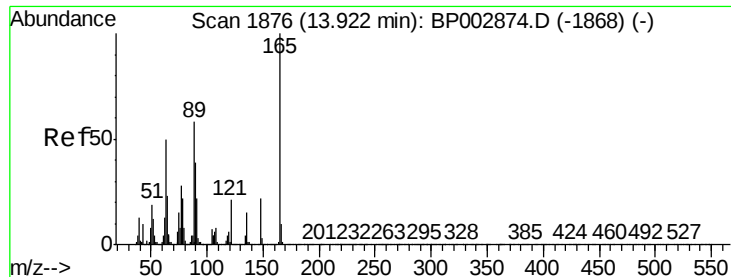
Tot Ion: 65 Resp: 129
Ion Ratio Lower Upper
65 100
92 60.8 61.4 92.0#
138 15.3 94.2 141.4#



#50
Dimethylphthalate
Concen: 8.140 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion: 163 Resp: 649433
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.5 8.2 12.2

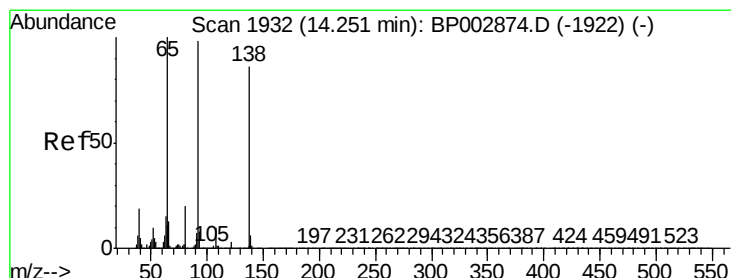
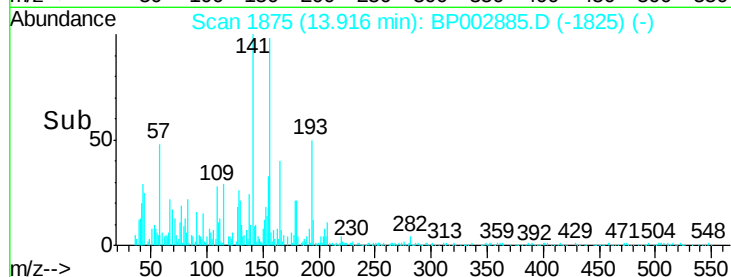
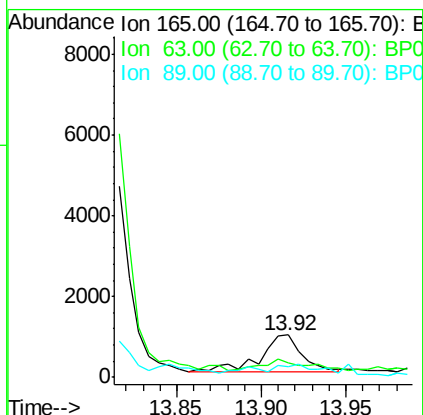
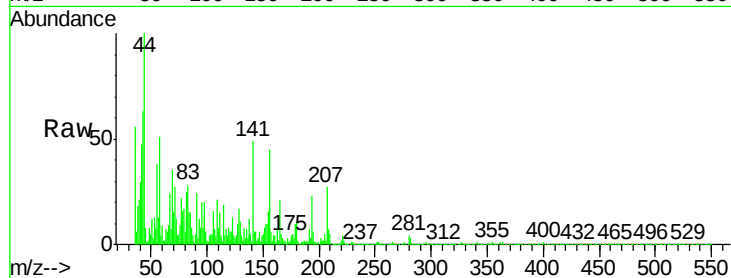




#51
2,6-Dinitrotoluene
Concen: 2.981 ng
RT: 13.92 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

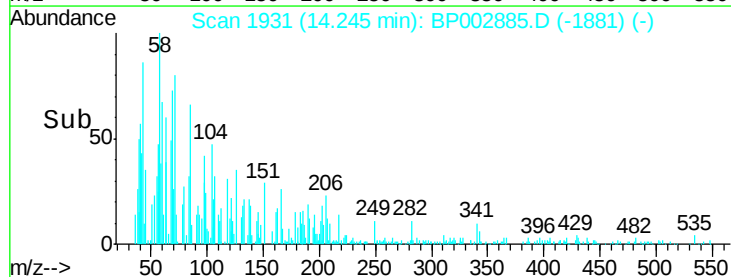
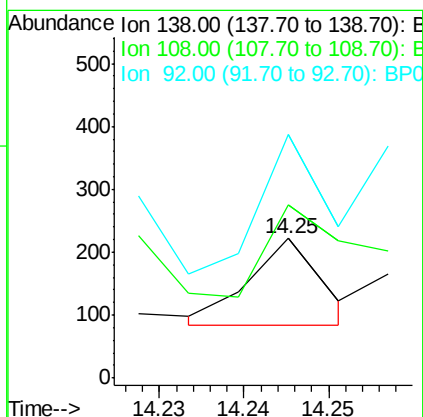
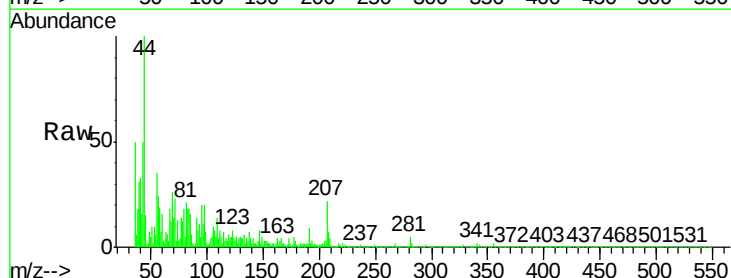
Instrument :
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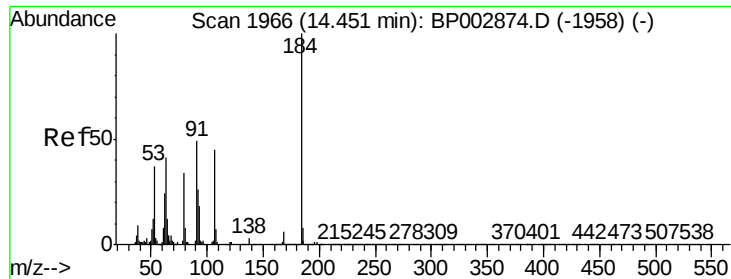
Tot Ion:165 Resp: 1558
Ion Ratio Lower Upper
165 100
63 35.7 40.3 60.5#
89 26.1 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.277 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion:138 Resp: 81
Ion Ratio Lower Upper
138 100
108 123.9 9.4 14.0#
92 174.3 91.0 136.6#

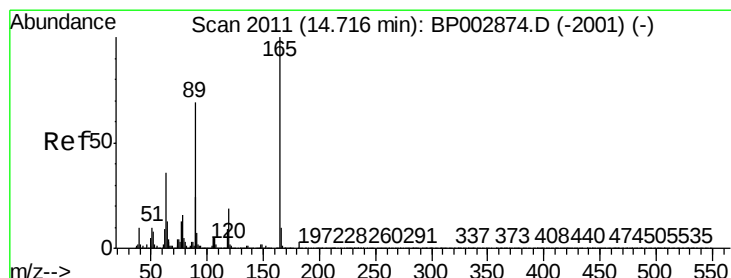
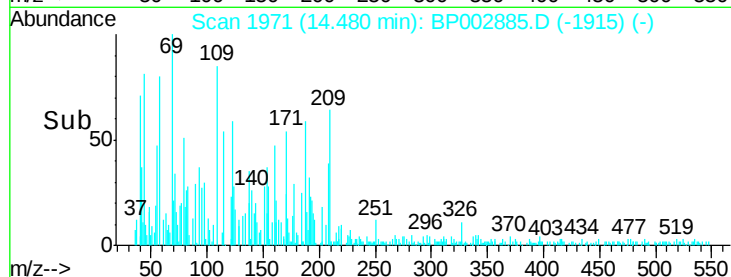
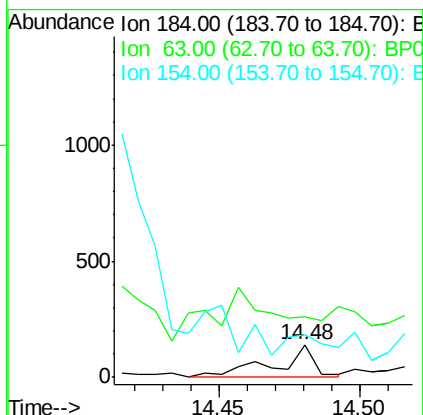
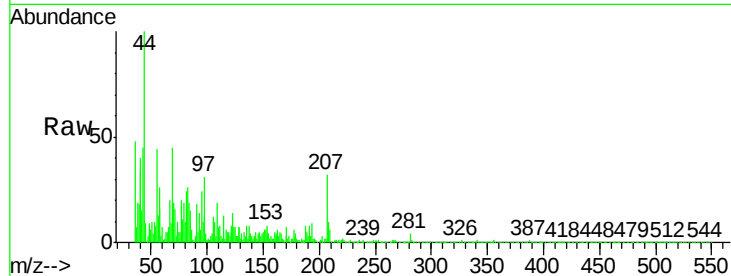




#54
2,4-Dinitrophenol
Concen: 8.074 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.03 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

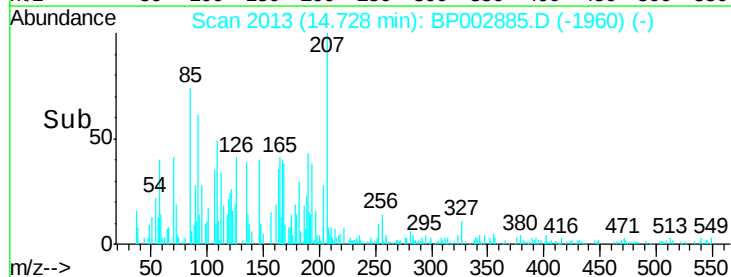
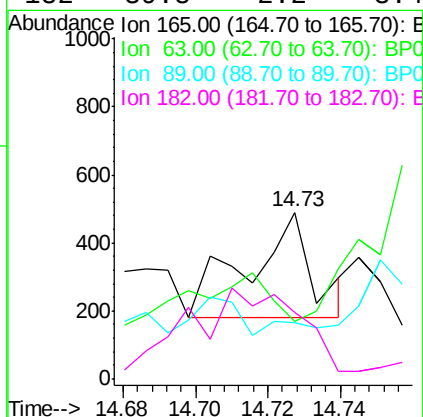
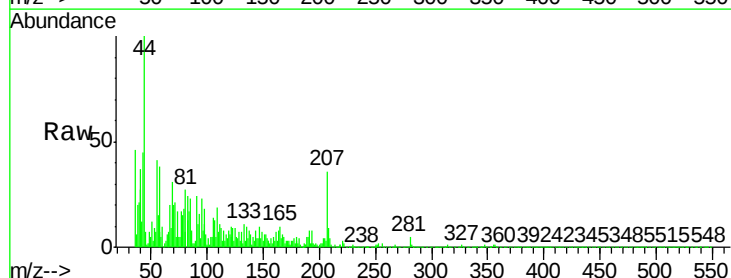
Instrument :
BNA_P
ClientSampled :
S-1

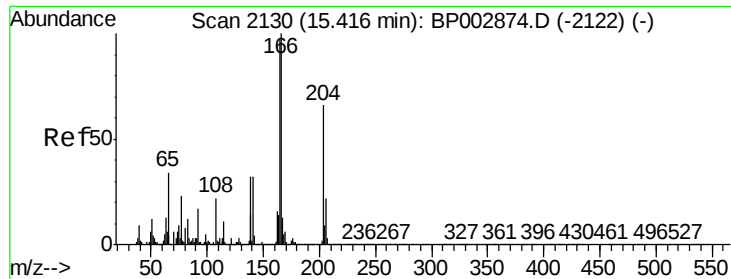
Tot Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
63 185.0 50.3 75.5#
154 131.4 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.821 ng
RT: 14.73 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BP002885.D
Acq: 30 Jul 2020 20:07

Tgt Ion:165 Resp: 382
Ion Ratio Lower Upper
165 100
63 34.9 29.0 43.4
89 33.7 55.5 83.3#
182 39.8 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.442 ng

RT: 15.26 min Scan# 2104

Delta R.T. -0.15 min

Lab File: BP002885.D

Acq: 30 Jul 2020 20:07

Instrument :

BNA_P

ClientSampled :

S-1

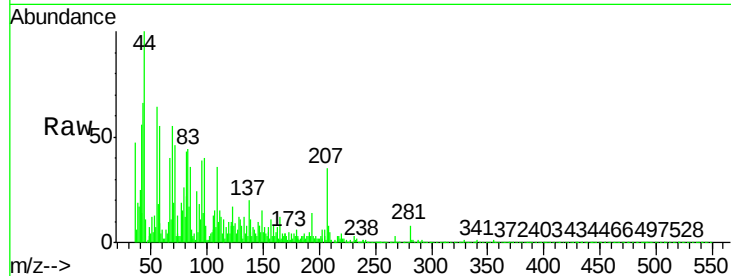
Tot Ion:138 Resp: 513

Ion Ratio Lower Upper

138 100

92 48.6 32.2 72.2

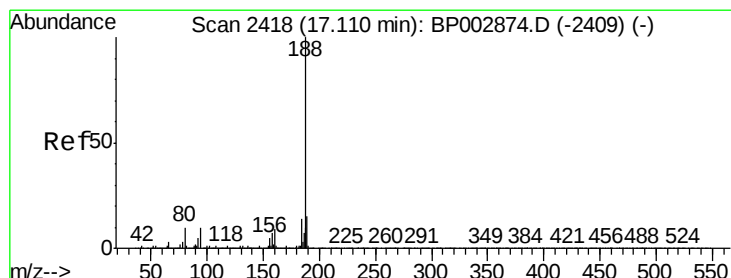
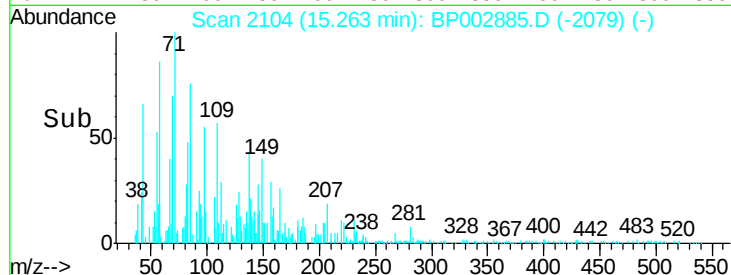
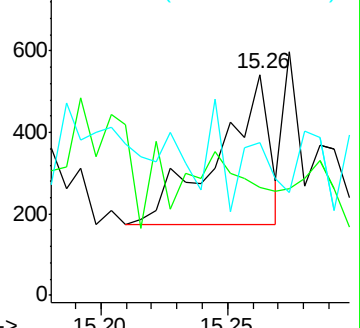
108 68.9 50.0 90.0



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: BP002885.D

Acq: 30 Jul 2020 20:07

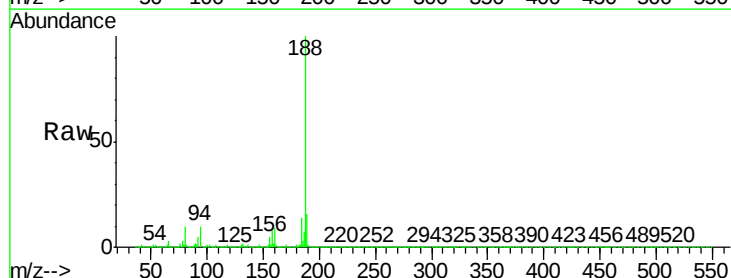
Tgt Ion:188 Resp: 1994516

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

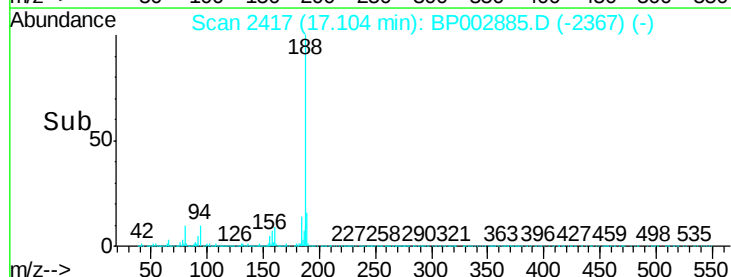
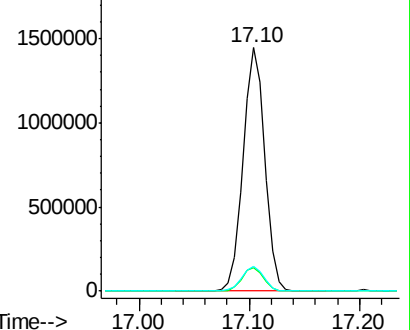
80 10.3 8.0 12.0

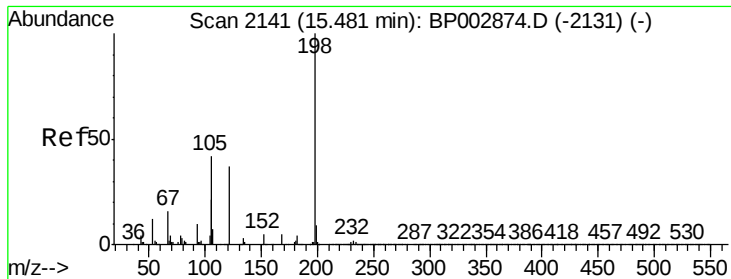


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.912 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BP002885.D

Acq: 30 Jul 2020 20:07

Instrument :

BNA_P

ClientSampleId :

S-1

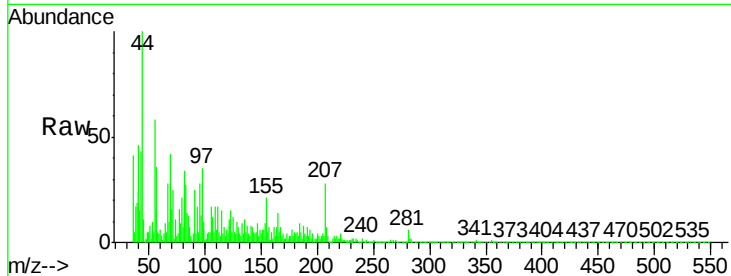
Tot Ion:198 Resp: 146

Ion Ratio Lower Upper

198 100

51 317.7 11.6 51.6#

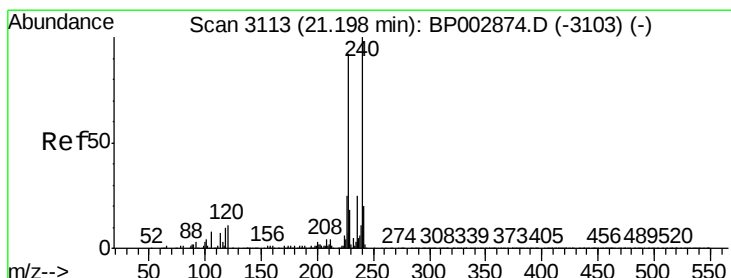
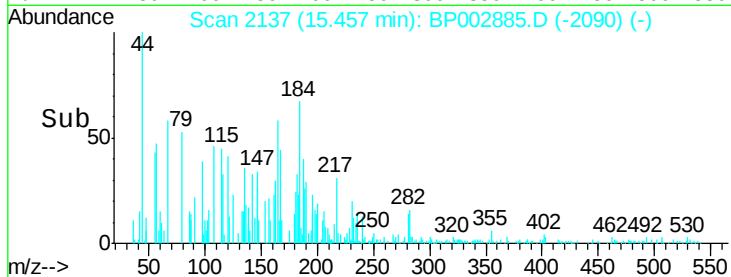
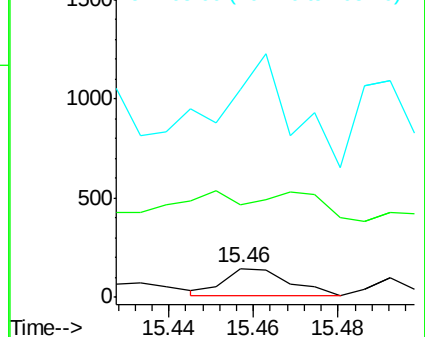
105 710.2 23.8 63.8#



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: BP002885.D

Acq: 30 Jul 2020 20:07

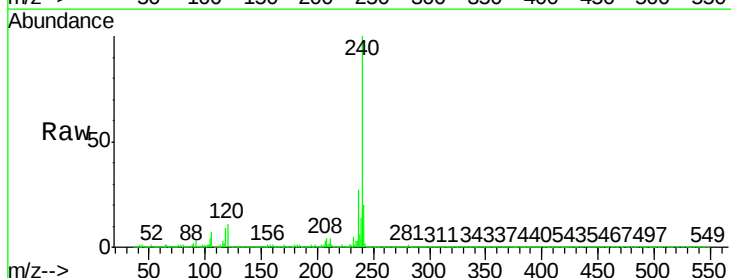
Tgt Ion:240 Resp: 2247164

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

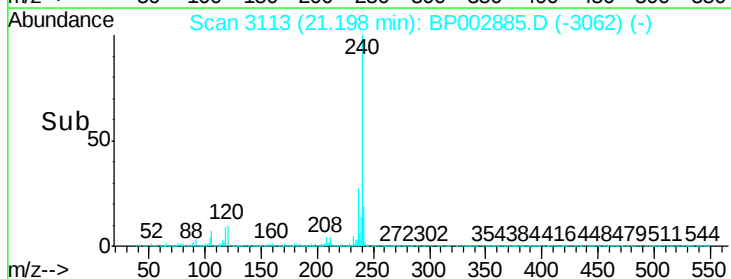
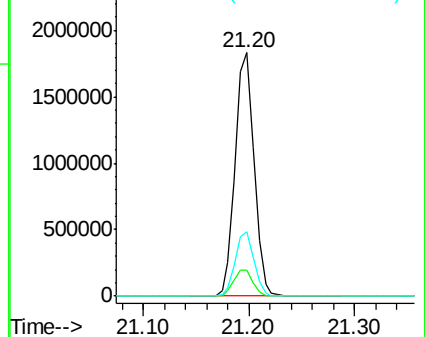
236 26.6 20.3 30.5

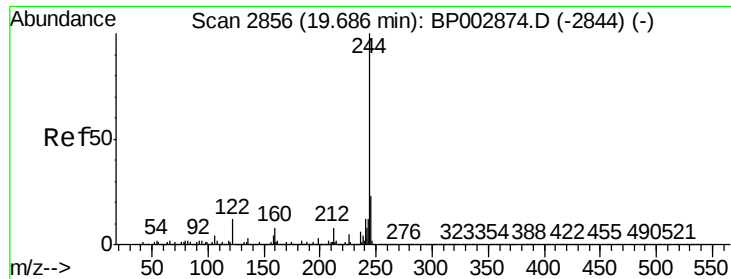


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 49.303 ng

RT: 19.68 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BP002885.D

Acq: 30 Jul 2020 20:07

Instrument :

BNA_P

ClientSampleId :

S-1

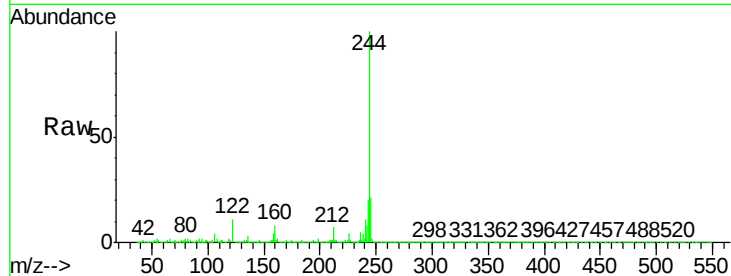
Tot Ion:244 Resp: 5534190

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

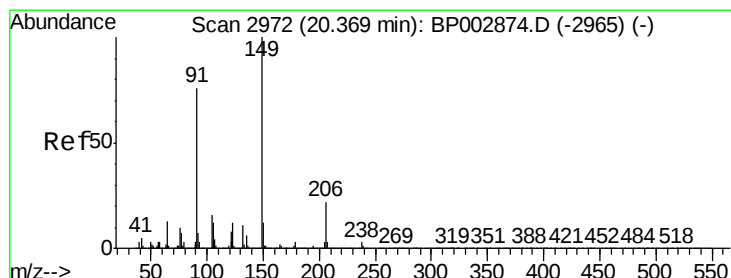
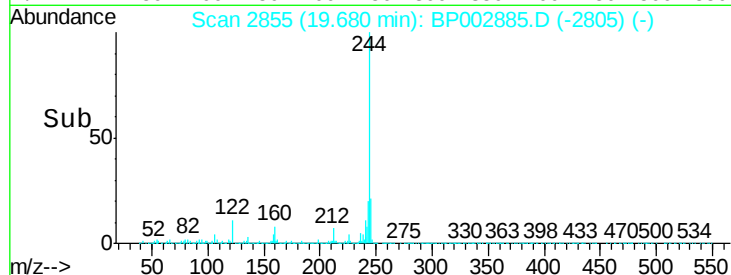
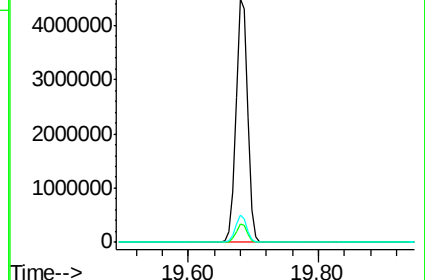
122 11.3 9.4 14.2



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: 3.196 ng

RT: 20.37 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BP002885.D

Acq: 30 Jul 2020 20:07

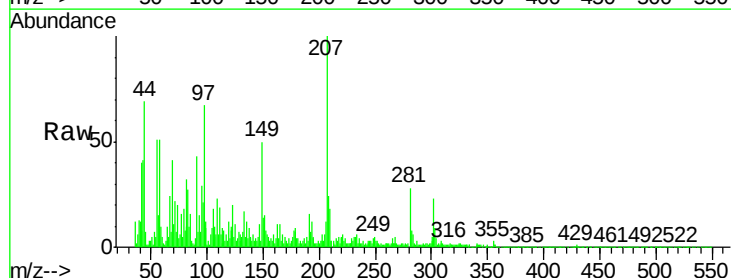
Tgt Ion:149 Resp: 9390

Ion Ratio Lower Upper

149 100

91 85.7 60.5 90.7

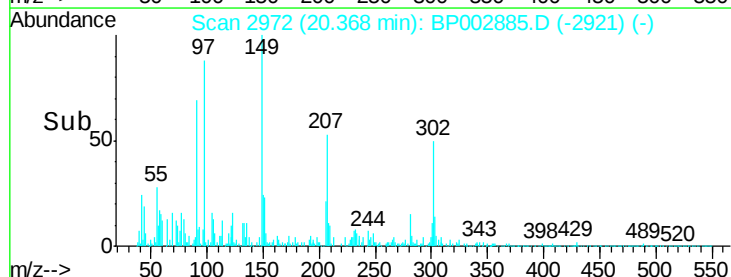
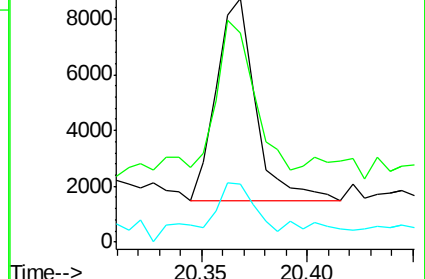
206 23.6 17.5 26.3

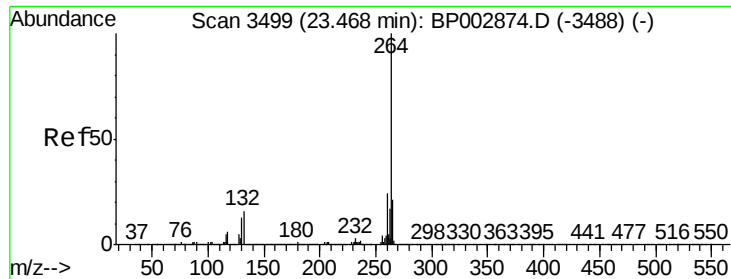


Abundance Ion 149.00 (148.70 to 149.70): E

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: BP002885.D
Acq: 30 Jul 2020 20:07

Instrument :
BNA_P
ClientSampleId :
S-1

Tot Ion:264 Resp: 2542322

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.6	17.0	25.4

