

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003072.D
 Acq On : 20 Aug 2020 19:04
 Operator : CG/JU
 Sample : L3507-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 21 00:30:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

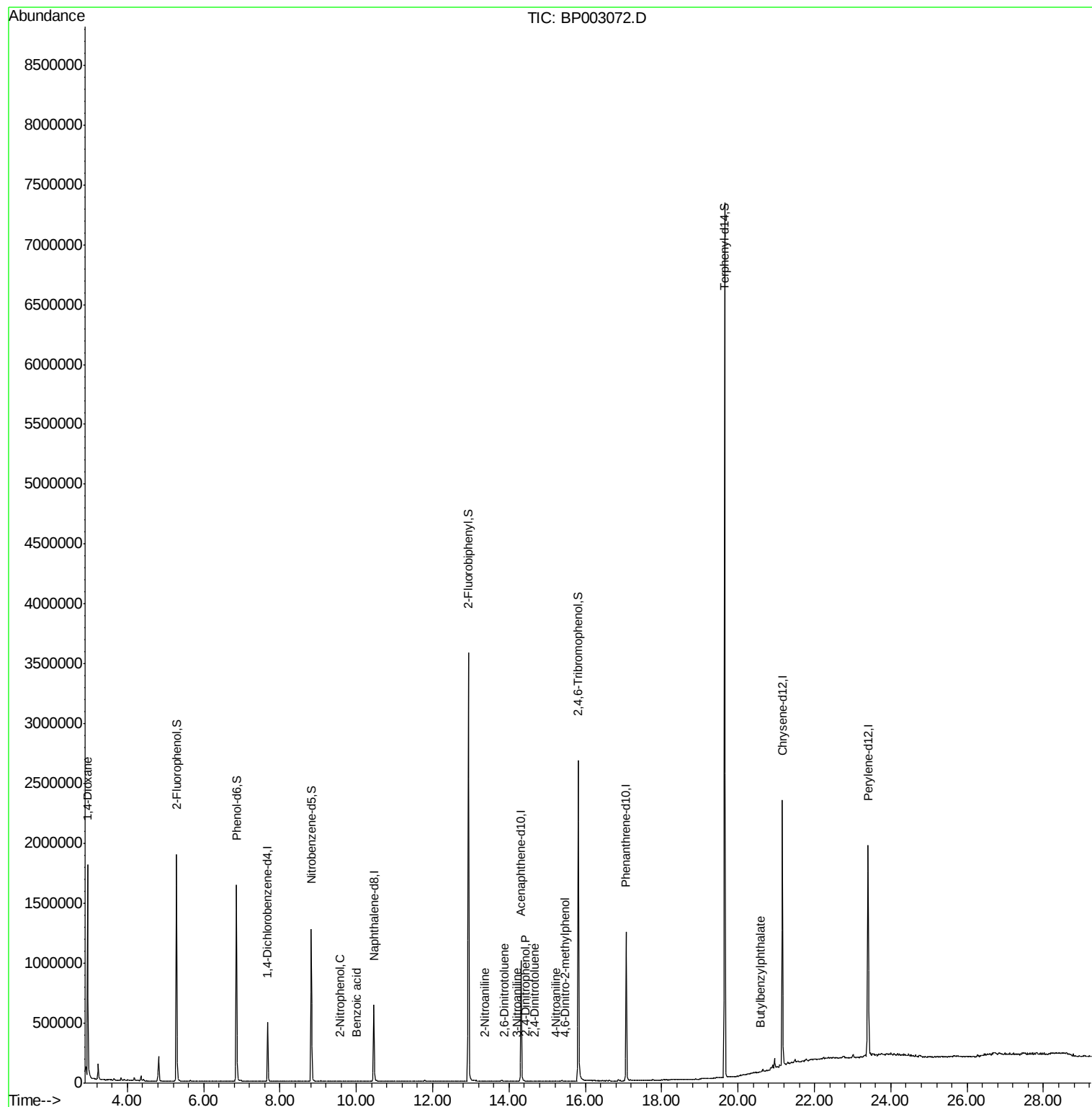
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	154321	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	601870	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	362703	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	753825	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1070952	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1289893	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1026278	101.78	ng	0.00
7) Phenol-d6	6.86	99	1138218	81.31	ng	-0.01
23) Nitrobenzene-d5	8.82	82	745099	67.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	617079	136.89	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2074676	78.15	ng	-0.01
79) Terphenyl-d14	19.65	244	3098895	57.93	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.96	88	13561	3.133	ng	# 1
26) 2-Nitrophenol	9.58	139	21	4.524	ng	# 1
32) Benzoic acid	10.01	122	62	7.695	ng	93
48) 2-Nitroaniline	13.37	65	36	3.977	ng	# 23
51) 2,6-Dinitrotoluene	13.87	165	93	2.913	ng	94
53) 3-Nitroaniline	14.22	138	17	3.276	ng	# 9
54) 2,4-Dinitrophenol	14.42	184	7	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	120	3.819	ng	# 52
62) 4-Nitroaniline	15.23	138	15	2.418	ng	82
65) 4,6-Dinitro-2-methylphenol	15.45	198	30	6.907	ng	# 1
80) Butylbenzylphthalate	20.57	149	312	3.067	ng	95

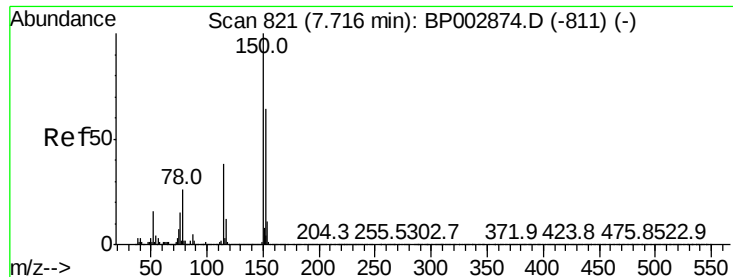
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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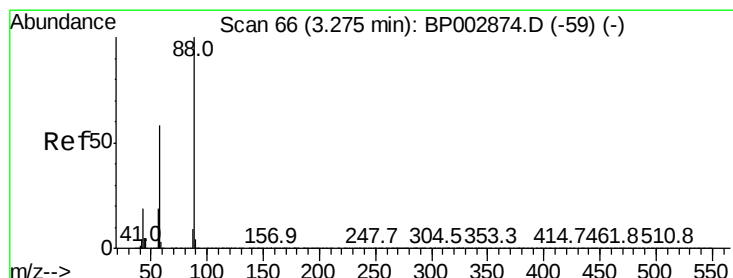
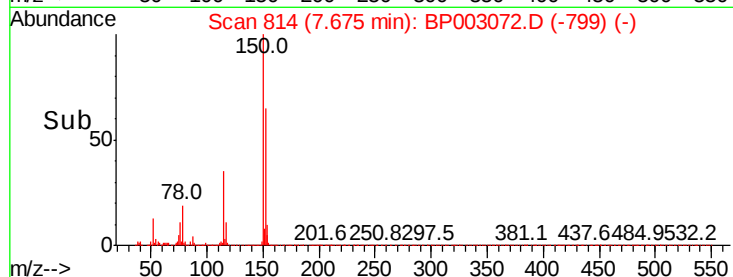
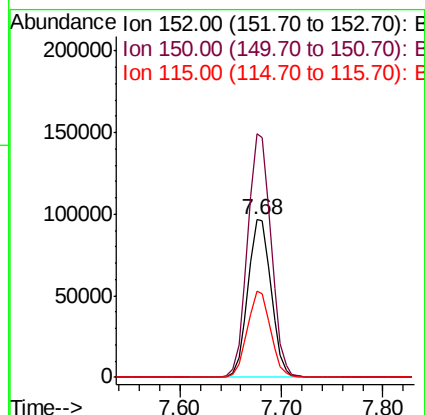
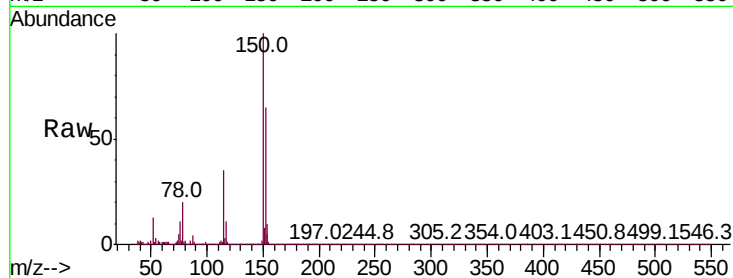


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 814
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Instrument :
BNA_P
ClientSampleId :
SU-02-081820

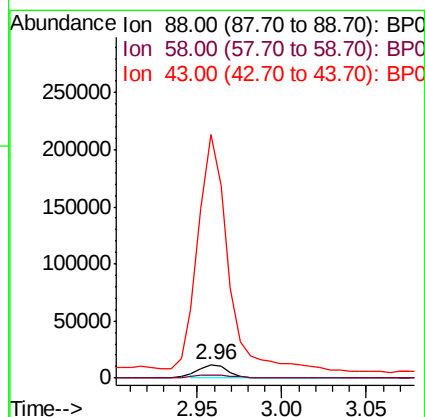
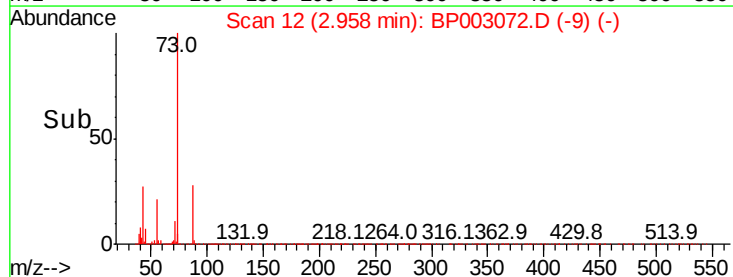
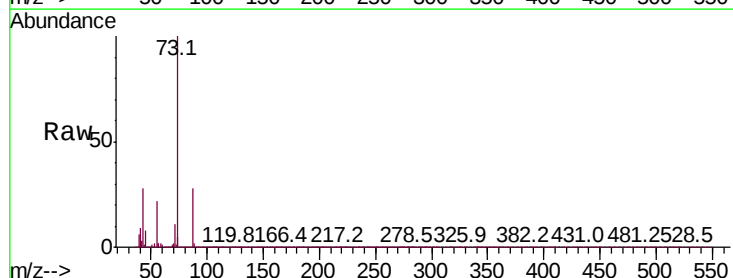
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.1	189.1
115	54.8	43.4	65.2

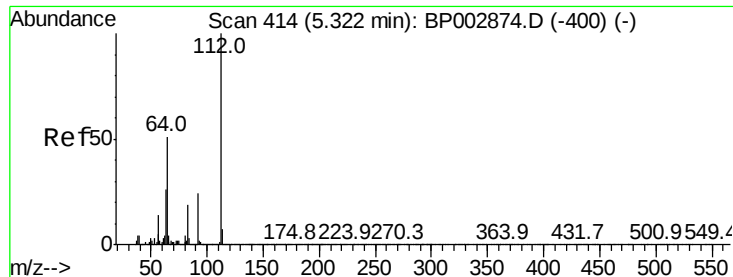


#2

1,4-Dioxane
Concen: 3.133 ng
RT: 2.96 min Scan# 12
Delta R.T. -0.28 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.7	44.5	66.7#
43	1786.9	14.5	21.7#





#5

2-Fluorophenol

Concen: 101.782 ng

RT: 5.29 min Scan# 408

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

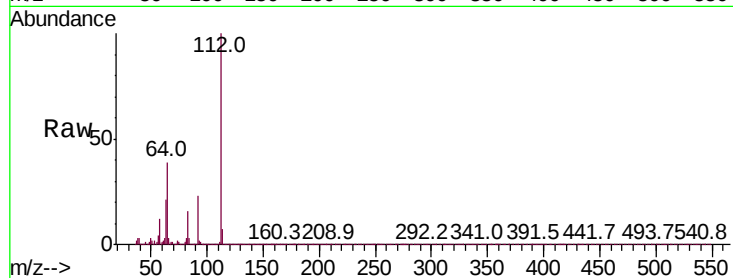
Tot Ion:112 Resp: 1026278

Ion Ratio Lower Upper

112 100

64 39.4 33.4 50.2

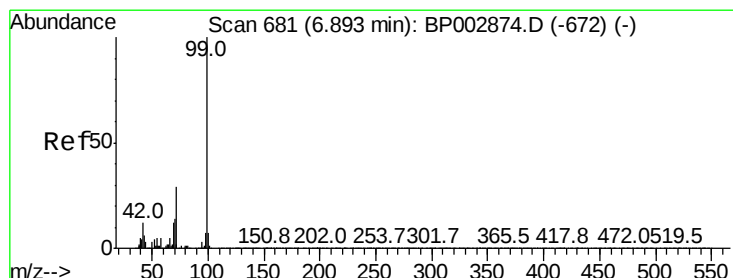
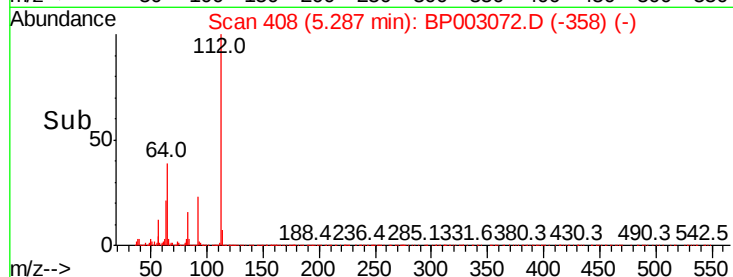
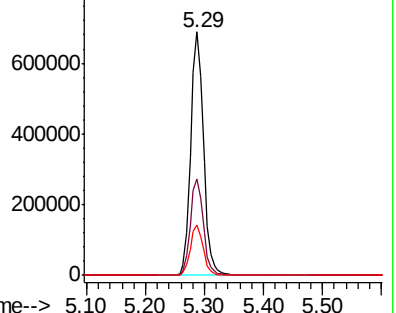
63 20.8 17.4 26.0



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: 81.307 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

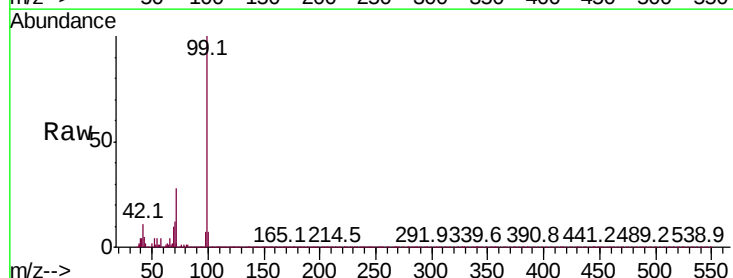
Tgt Ion: 99 Resp: 1138218

Ion Ratio Lower Upper

99 100

42 10.5 8.0 12.0

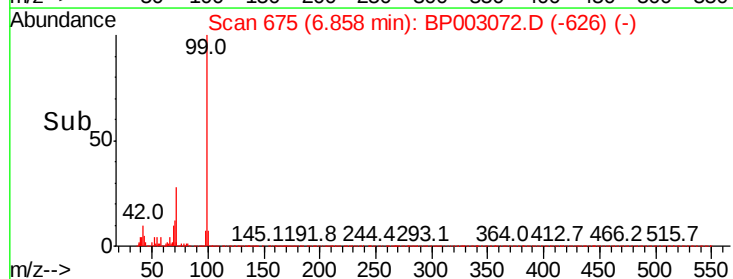
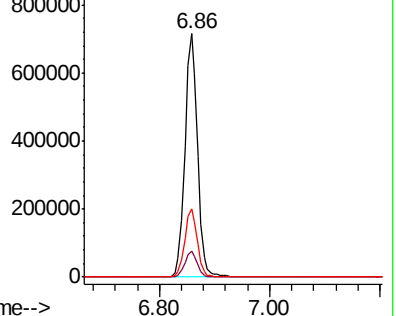
71 28.1 21.3 31.9

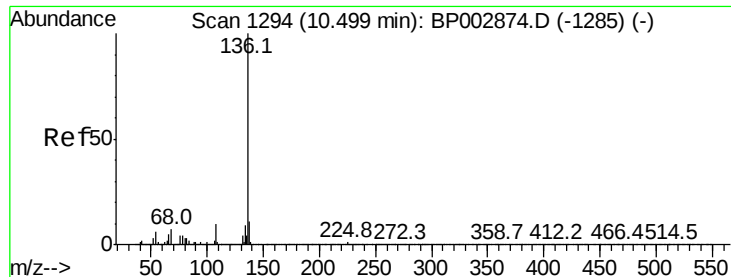


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

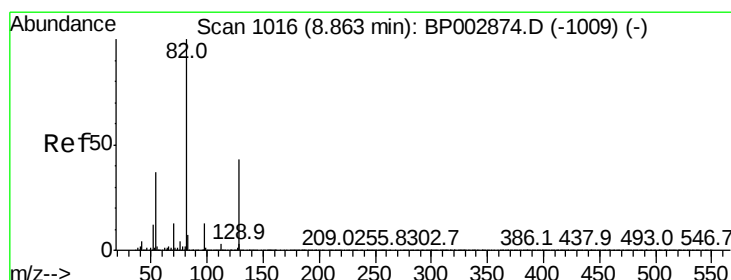
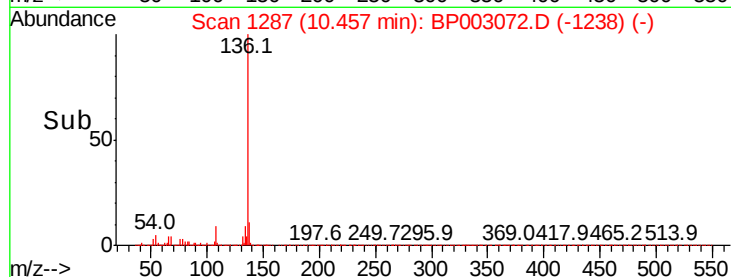
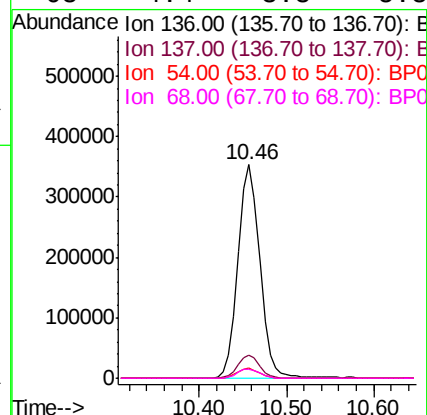
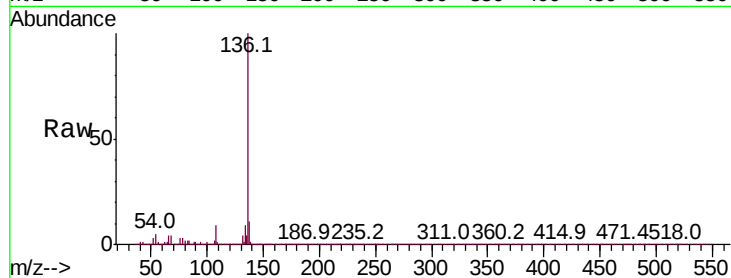




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

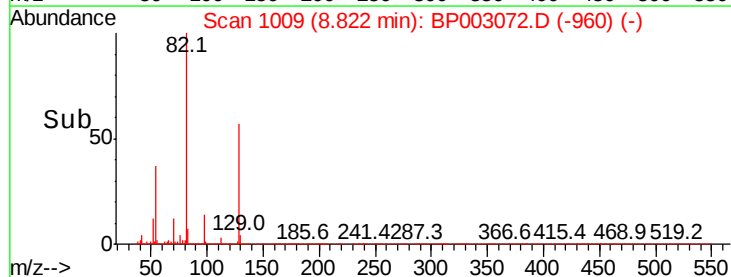
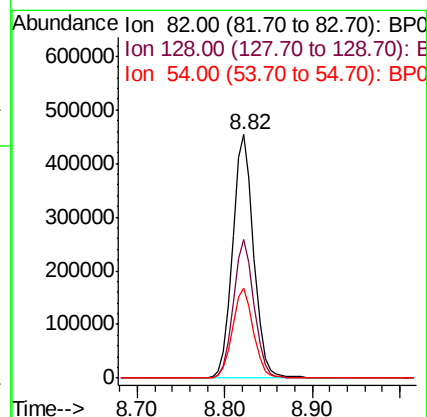
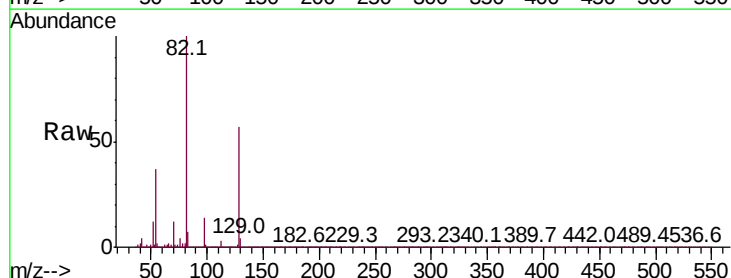
Instrument :
BNA_P
ClientSampleId :
SU-02-081820

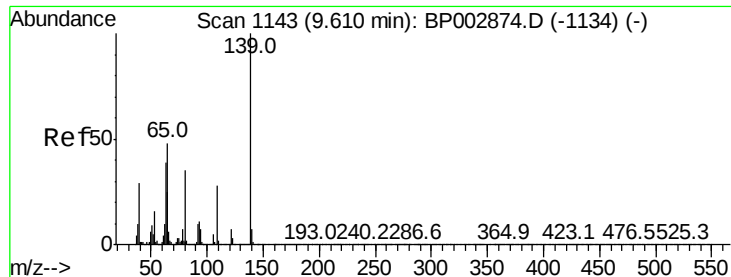
Tot Ion:136	Resp:	601870
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	4.5	3.8 5.8
68	4.4	3.8 5.8



#23
Nitrobenzene-d5
Concen: 67.052 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion: 82	Resp:	745099
Ion	Ratio	Lower Upper
82	100	
128	56.7	45.1 67.7
54	36.9	28.8 43.2

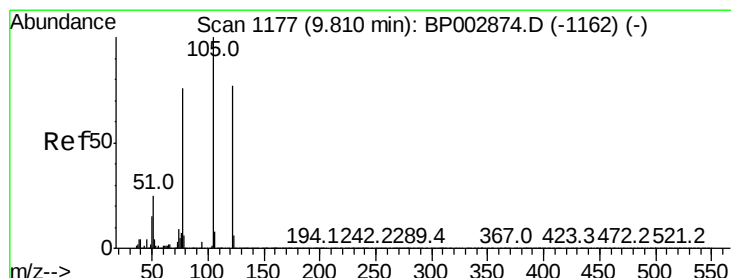
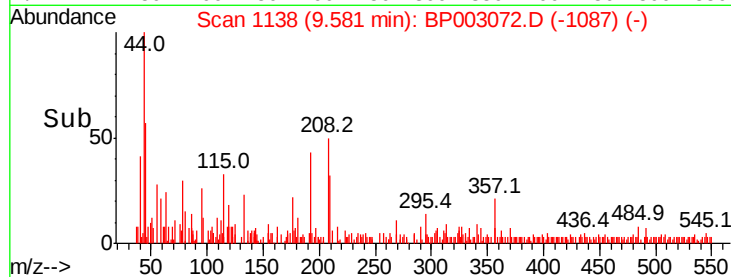
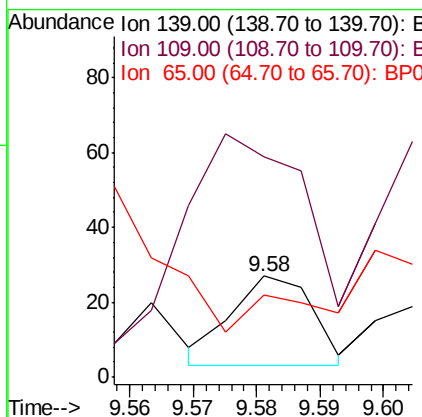
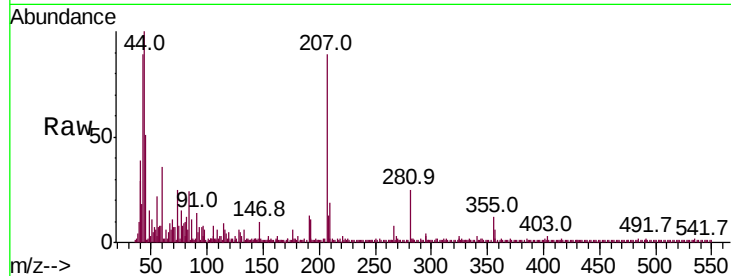




#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

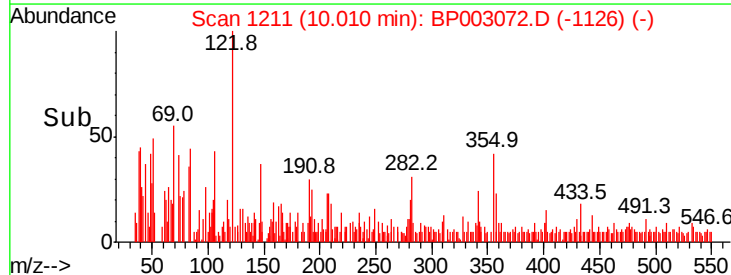
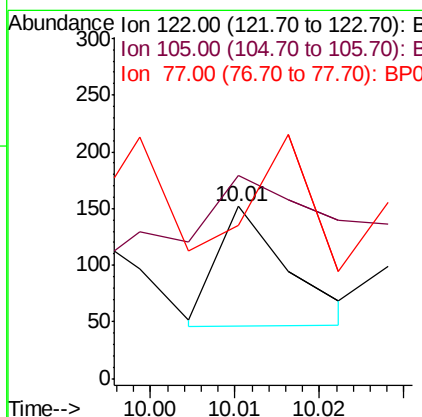
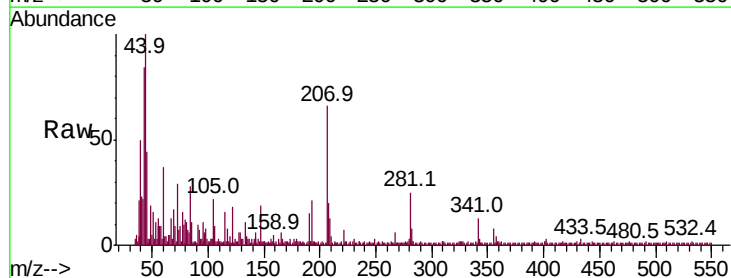
Instrument :
BNA_P
ClientSampleId :
SU-02-081820

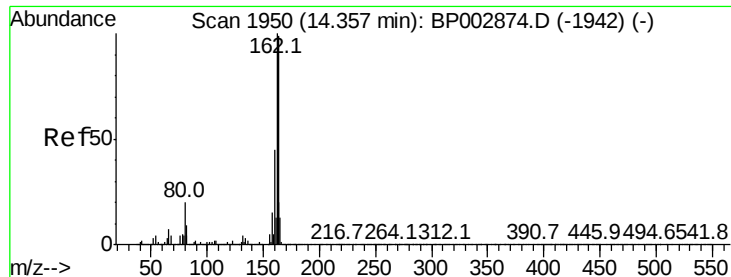
Tot Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 218.5 21.0 31.6#
65 81.5 27.2 40.8#



#32
Benzoic acid
Concen: 7.695 ng
RT: 10.01 min Scan# 1211
Delta R.T. 0.20 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 117.8 96.2 136.2
77 88.8 55.6 95.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

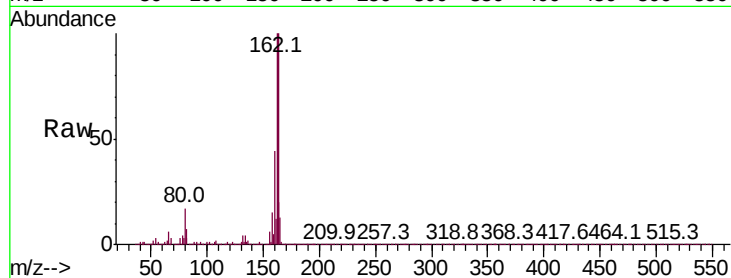
Tot Ion:164 Resp: 362703

Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.0

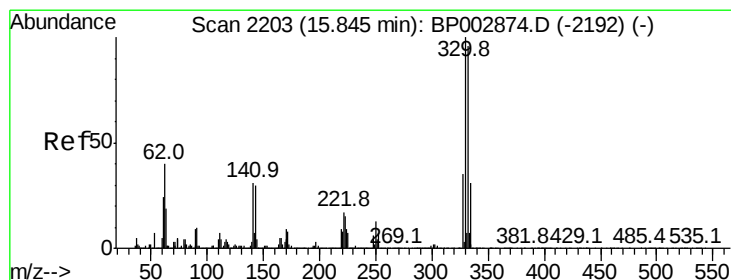
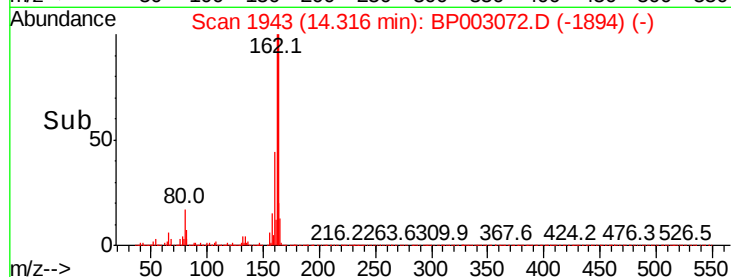
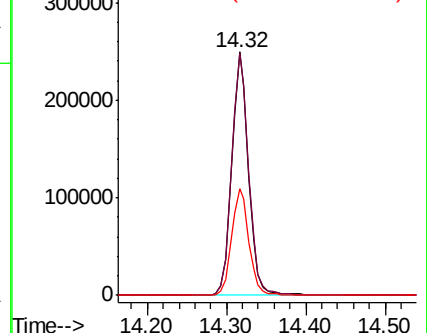
160 43.9 35.5 53.3



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: 136.886 ng

RT: 15.81 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

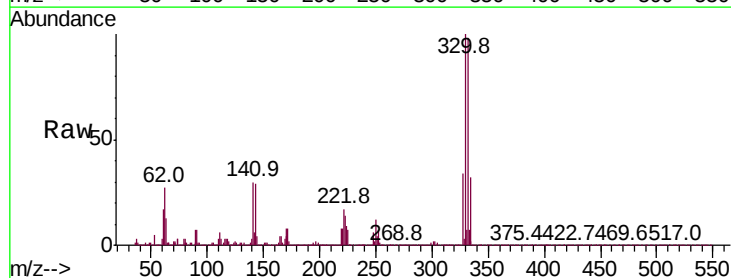
Tgt Ion:330 Resp: 617079

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

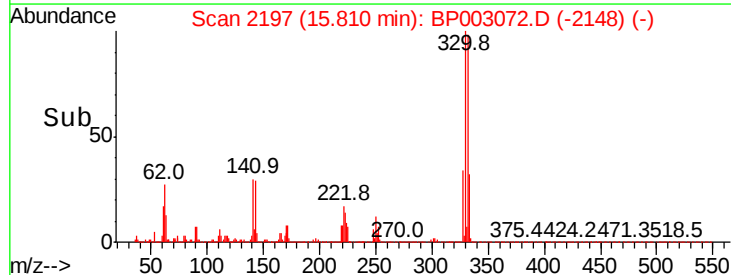
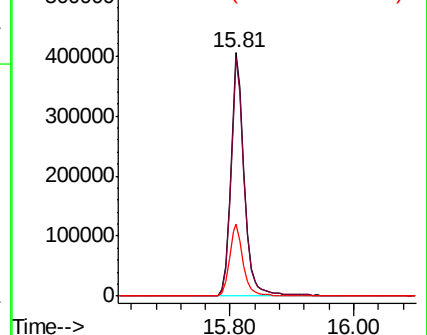
141 30.5 26.7 40.1

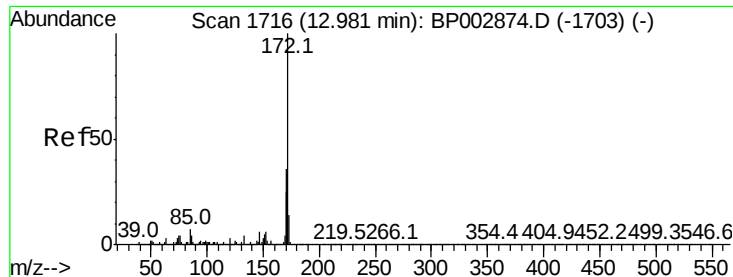


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

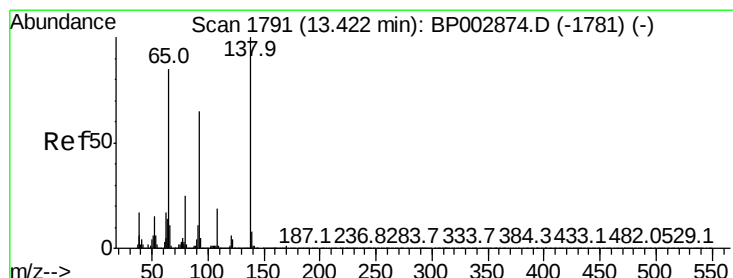
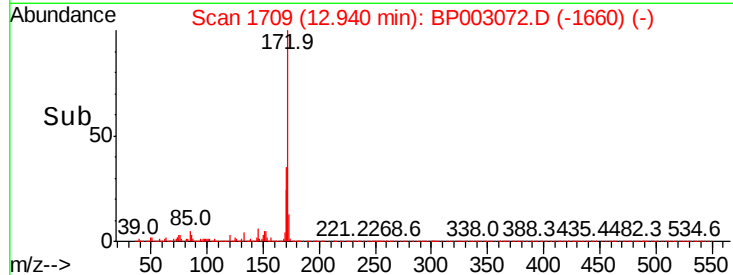
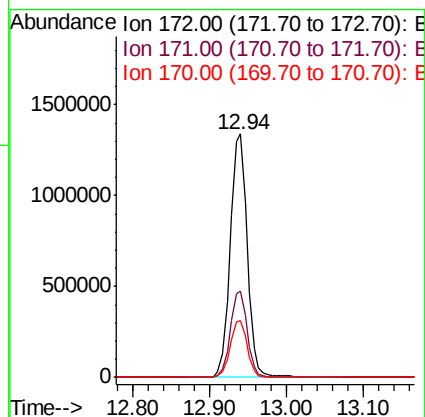
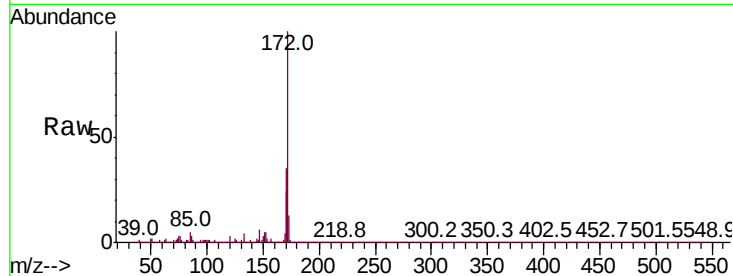




#45
2-Fluorobiphenyl
Concen: 78.153 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

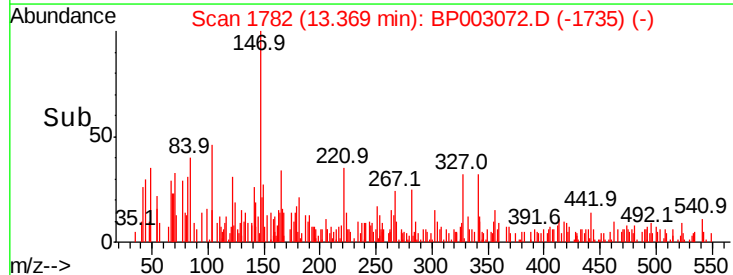
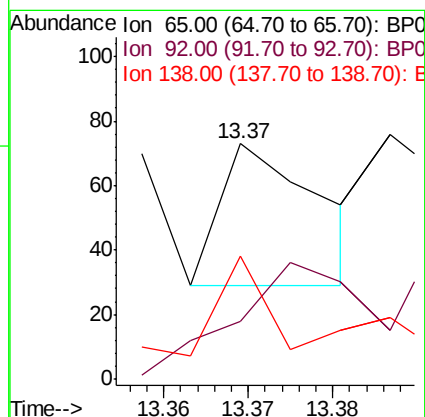
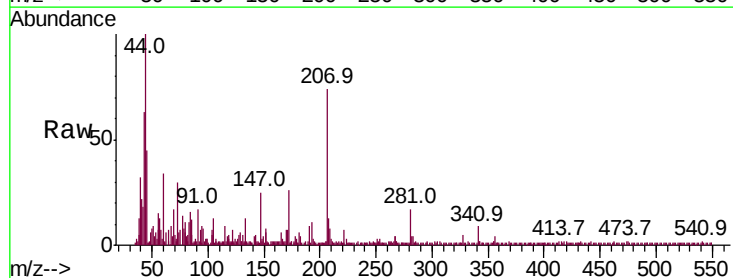
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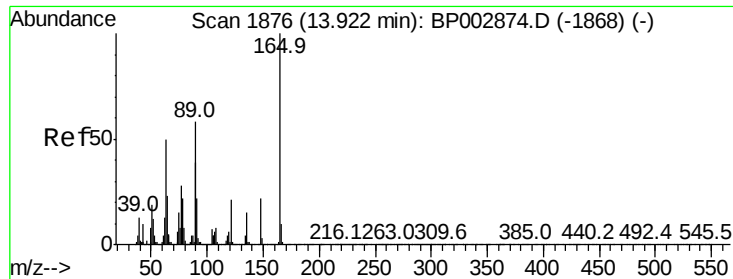
Tot Ion:172 Resp: 2074676
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.5 19.1 28.7



#48
2-Nitroaniline
Concen: 3.977 ng
RT: 13.37 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion: 65 Resp: 36
Ion Ratio Lower Upper
65 100
92 24.7 70.1 105.1#
138 52.1 129.7 194.5#

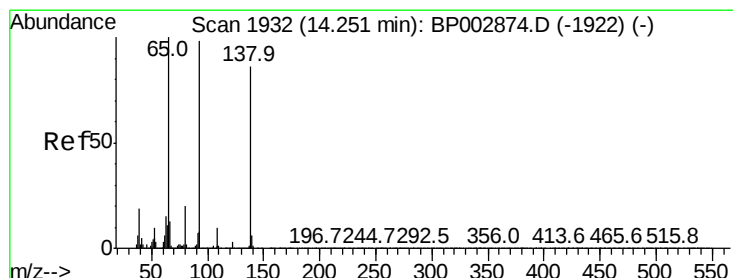
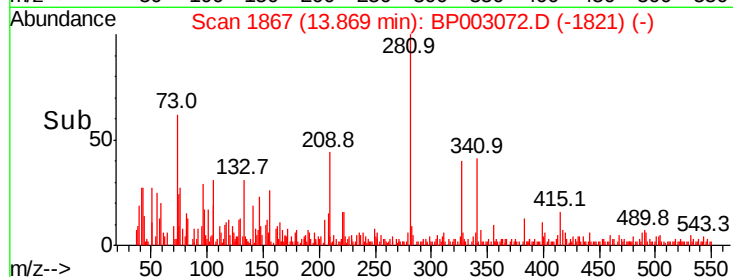
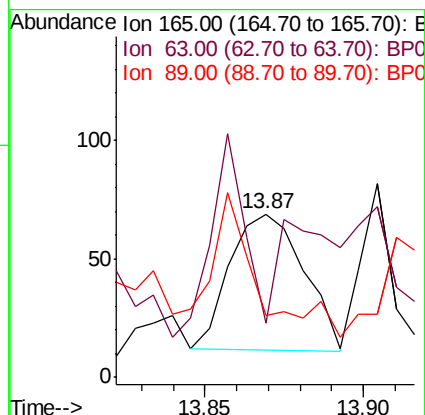
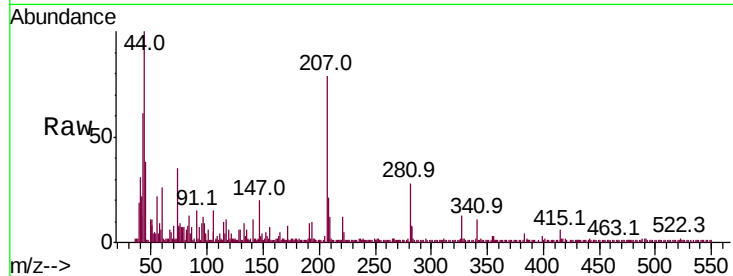




#51
 2,6-Dinitrotoluene
 Concen: 2.913 ng
 RT: 13.87 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BP003072.D
 Acq: 20 Aug 2020 19:04

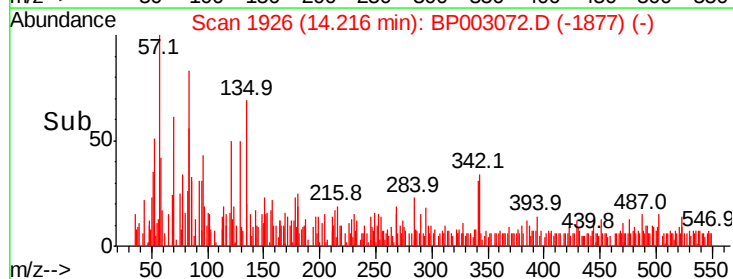
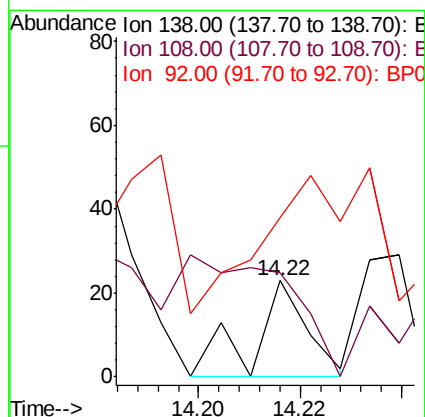
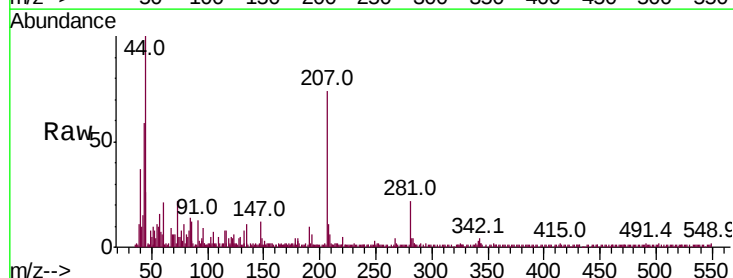
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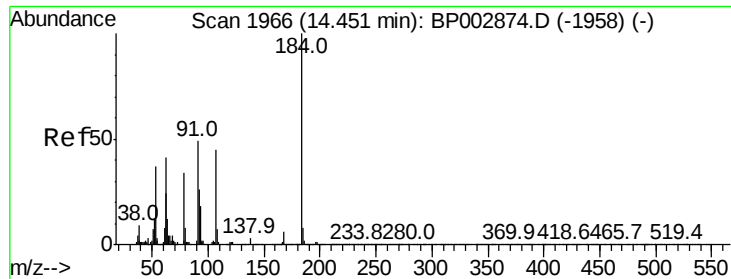
Tot Ion:	165	Resp:	93
Ion	Ratio	Lower	Upper
165	100		
63	33.3	28.1	42.1
89	37.7	34.5	51.7



#53
 3-Nitroaniline
 Concen: 3.276 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP003072.D
 Acq: 20 Aug 2020 19:04

Tgt Ion:	138	Resp:	17
Ion	Ratio	Lower	Upper
138	100		
108	108.7	7.7	11.5#
92	165.2	75.6	113.4#

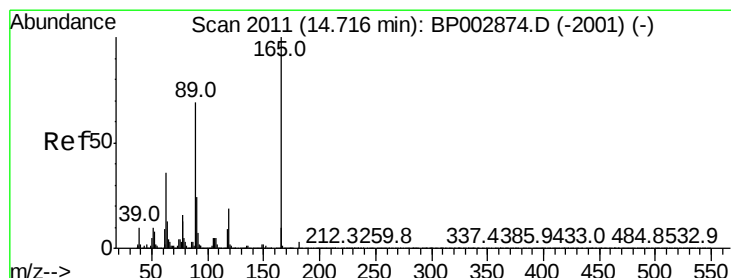
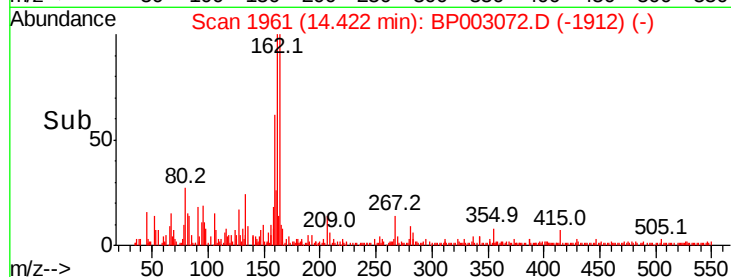
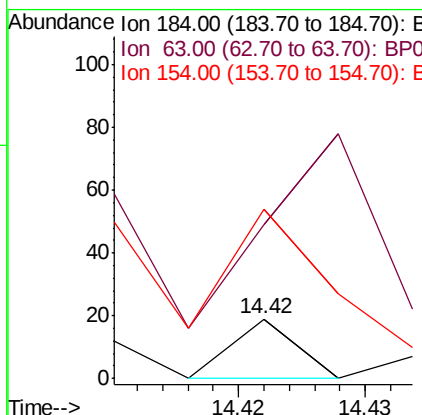
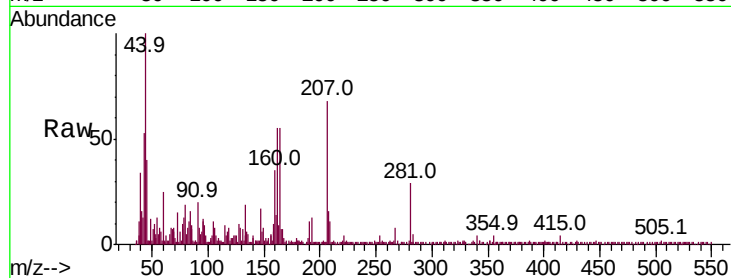




#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

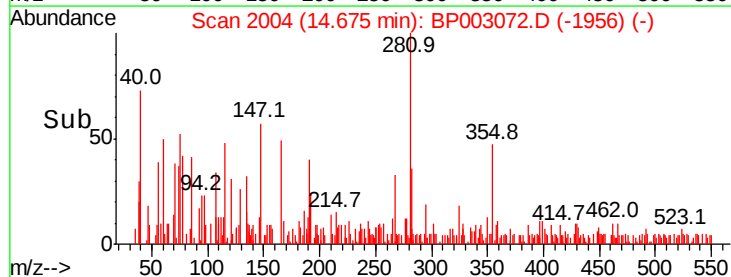
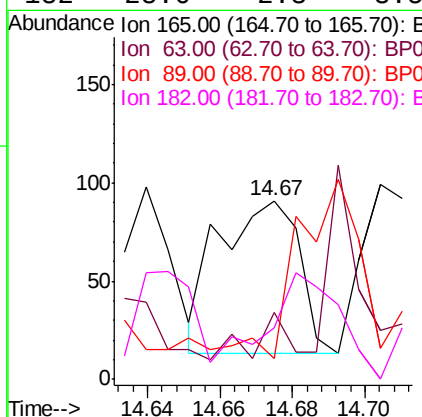
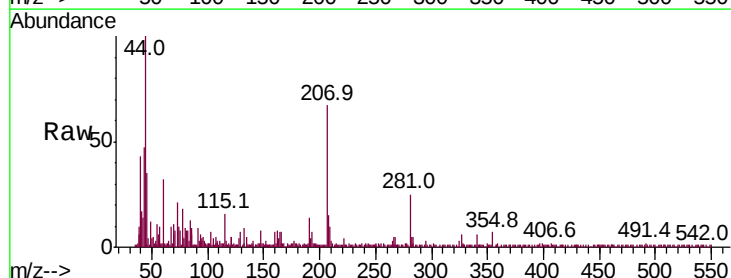
Instrument :
BNA_P
ClientSampleId :
SU-02-081820

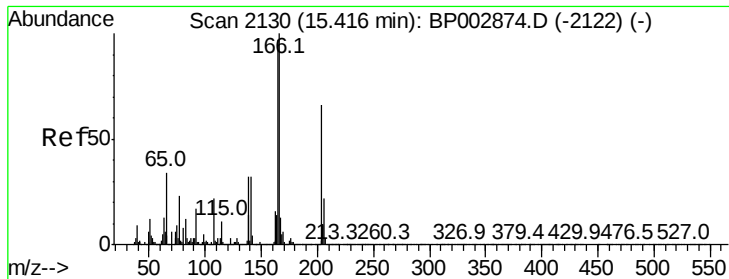
Tot Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 257.9 33.0 49.6#
154 284.2 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 3.819 ng
RT: 14.67 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion:165 Resp: 120
Ion Ratio Lower Upper
165 100
63 37.4 20.6 31.0#
89 12.1 43.4 65.0#
182 28.6 2.3 3.5#

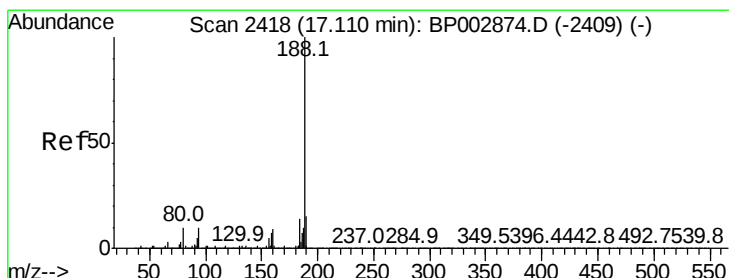
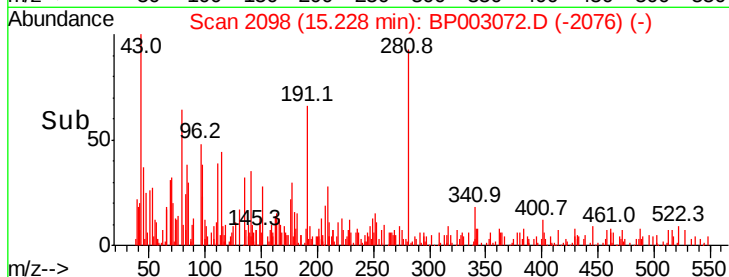
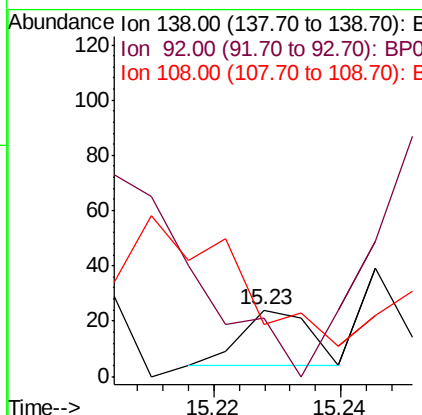
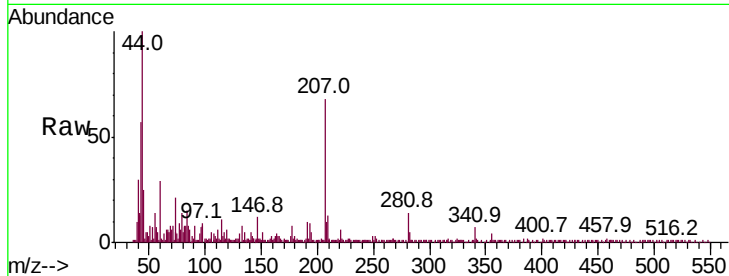




#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.23 min Scan# 2098
Delta R.T. -0.17 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

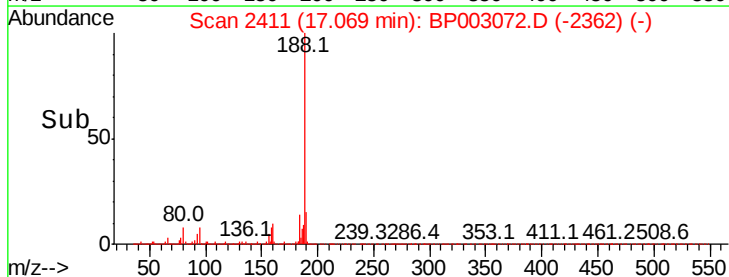
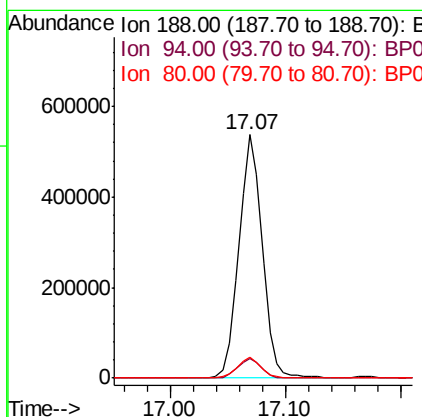
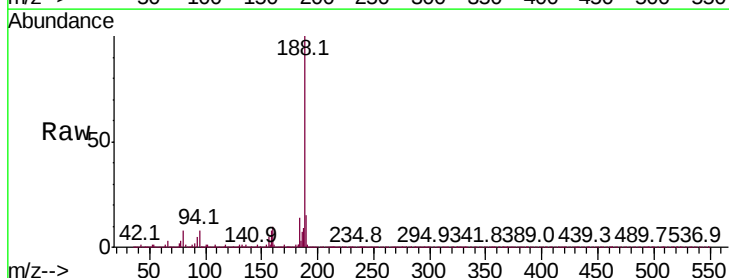
Instrument :
BNA_P
ClientSampleId :
SU-02-081820

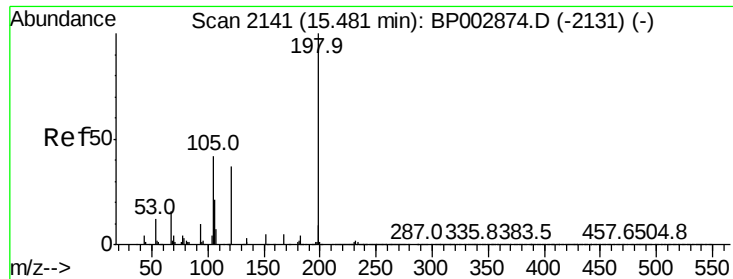
Tot Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
92 46.7 21.4 61.4
108 42.2 40.8 80.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion:188 Resp: 753825
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 8.4 6.7 10.1

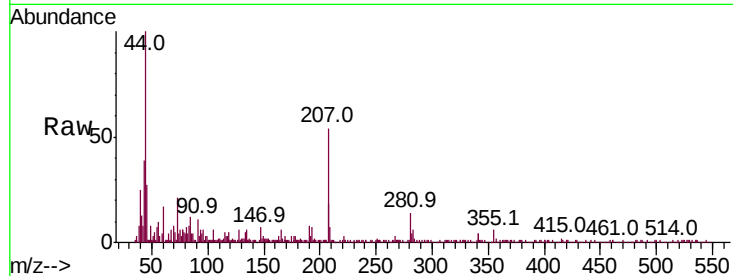




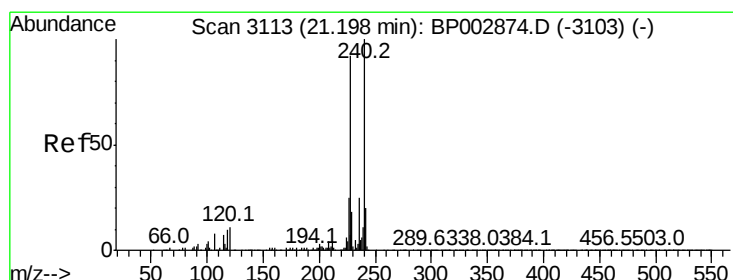
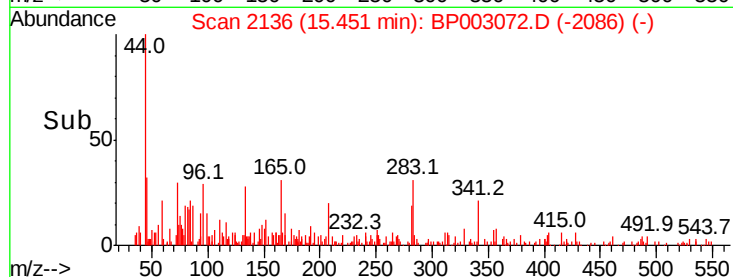
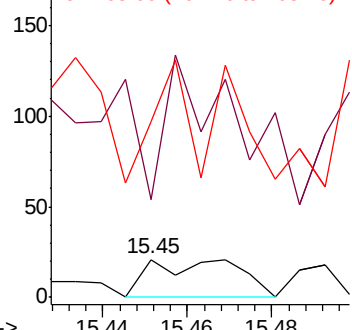
#65
4,6-Dinitro-2-methylphenol
Concen: 6.907 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Instrument :
BNA_P
ClientSampleId :
SU-02-081820

Tot Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 257.1 6.2 46.2#
105 461.9 19.9 59.9#

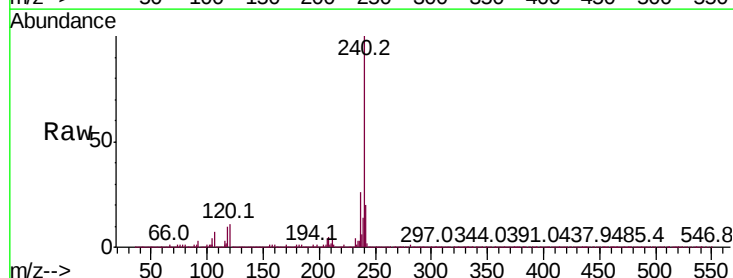


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BPO
Ion 105.00 (104.70 to 105.70): E

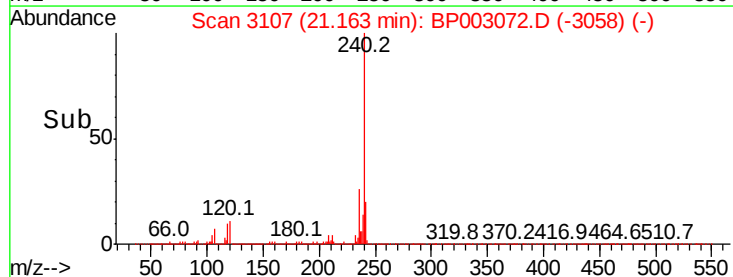
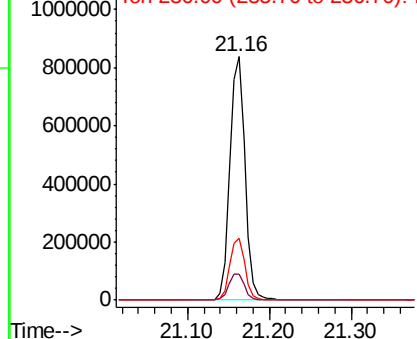


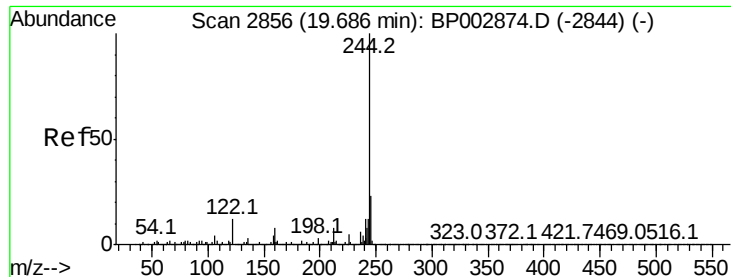
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion:240 Resp: 1070952
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.6 20.8 31.2



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: 57.928 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

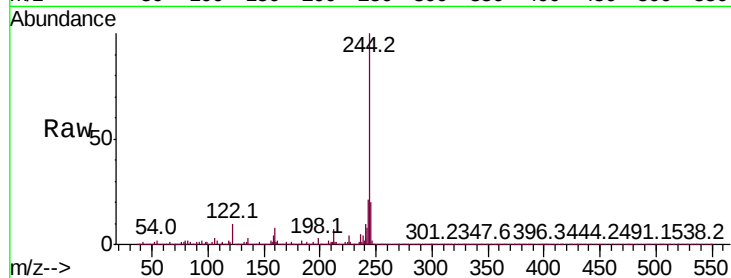
Tot Ion:244 Resp: 3098895

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

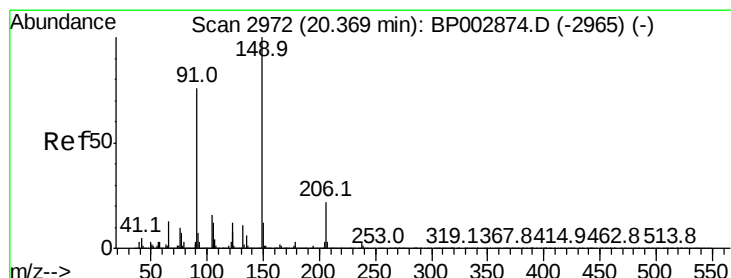
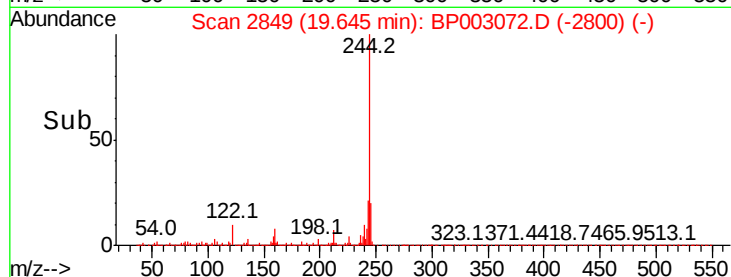
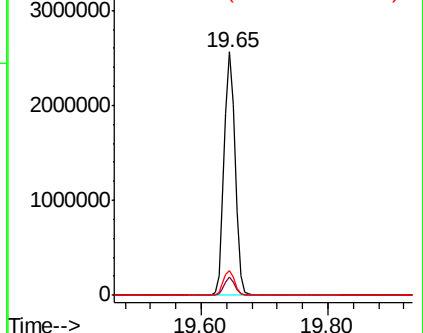
122 10.1 8.7 13.1



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: 3.067 ng

RT: 20.57 min Scan# 3006

Delta R.T. 0.23 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

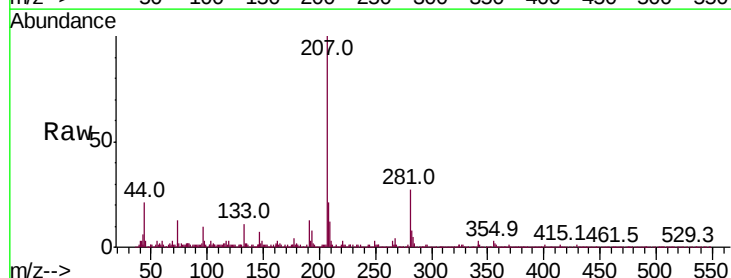
Tgt Ion:149 Resp: 312

Ion Ratio Lower Upper

149 100

91 52.6 45.3 67.9

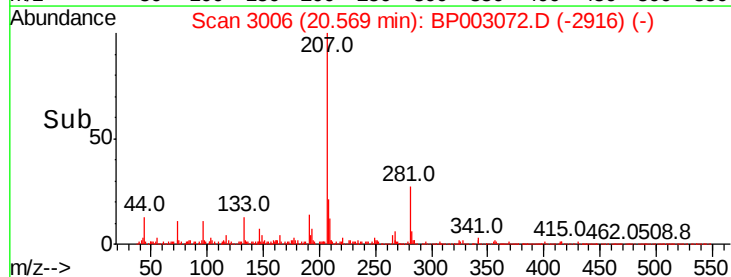
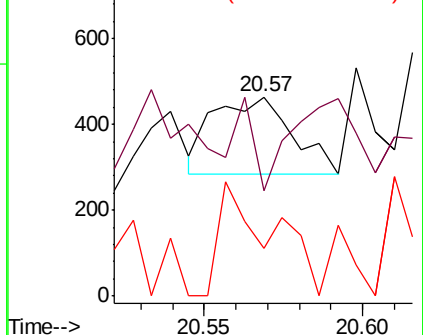
206 23.9 17.5 26.3

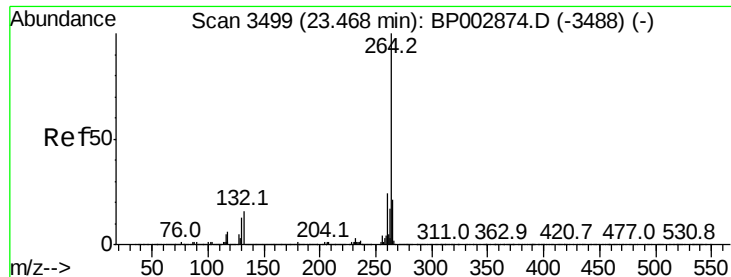


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.40 min Scan# 3488
 Delta R.T. -0.02 min
 Lab File: BP003072.D
 Acq: 20 Aug 2020 19:04

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-081820

Tot Ion: 264 Resp: 1289893

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.3	25.9

